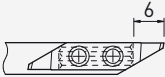
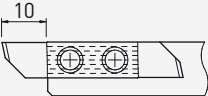


# TOP-Line

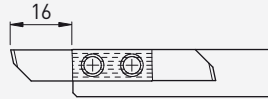


**APPLITEC**  
CUTTING TOOLS

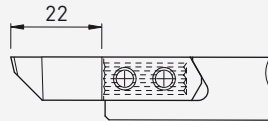
|                                                                                                  |                                                                                    |                                                                                     |        |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
| Codification<br>Kodifizierung<br>Coding guide                                                    |                                                                                    |                                                                                     | > 1.04 |
| Infos et avantages<br>Infos und Vorteile<br>Infos and advantages                                 |                                                                                    |                                                                                     | > 1.05 |
| Nuances<br>Sorten<br>Grades                                                                      |                                                                                    |                                                                                     | > 1.12 |
| Paramètres de coupe indicatifs<br>Empfohlene Schnittwerte<br>Standard machining data             |                                                                                    |                                                                                     | > 1.18 |
| Nuances PCD<br>PKD Sorten<br>PCD grades                                                          |                                                                                    |                                                                                     | > 1.20 |
| Paramètres de coupe indicatifs PCD<br>PKD empfohlene Schnittwerte<br>PCD standard machining data |                                                                                    |                                                                                     | > 1.21 |
| 710 / 720                                                                                        | Pour machines à cames<br>Für kurvengesteuerte Maschinen<br>For cam driven machines |  | > 1.22 |
| 730 / 740                                                                                        | Main series<br>Small type                                                          |  | > 1.34 |
| 750 / 760                                                                                        | Main series<br>Large type                                                          |  | > 1.90 |

**770 / 780**

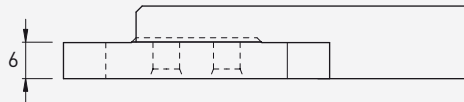
Tronçonnage de grande capacité  
 Abstechen für grössere Durchmesser  
 High capacity parting off

> **1.164****7050 / 7060**

Tronçonnage de grande capacité  
 Abstechen für grössere Durchmesser  
 High capacity parting

> **1.176****W750 / W760**

Outils avec plaquettes ébauchées larges pour profilage  
 Werkzeuge mit breiten WSP-Rohlingen für Profilschleifen  
 Tools with wide blank inserts for profiling

> **1.184**

Porte-outils spécifiques  
 Spezifische Werkzeughalter  
 Specific tool holders

> **1.192**

Pièces de rechange et accessoires  
 Ersatzteile und Zubehör  
 Spare parts and accessories

> **1.214**

## Codification

Kodifizierung  
Coding guide

|   |   |   |   |   |     |   |     |   |     |
|---|---|---|---|---|-----|---|-----|---|-----|
| 7 | 6 | 4 | X | - | 2.0 | - | R20 | - | HTA |
|---|---|---|---|---|-----|---|-----|---|-----|

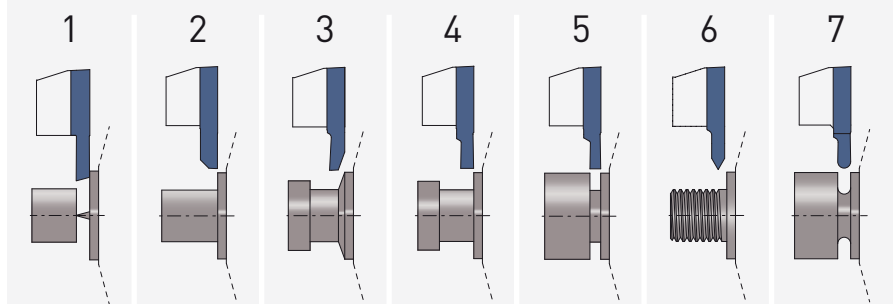
Dimension  
Abmessung  
Dimension

Rayon  
Radius  
Radius

Nuance  
Sorte  
Grade

Géométrie de coupe / Brise-copeaux / Particularités  
Schneidgeometrie / Spanbrecher / Sondereigenschaften  
Cutting geometry / Chip breaker / Special features

Géométrie d'usinage  
Bearbeitungsgeometrie  
Machining geometry



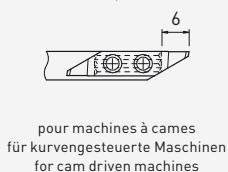
Gamme de produit  
Produktserie  
Product series

définit la compatibilité des plaquettes avec le porte-outils  
definiert die Kompatibilität der Wendschneidplatten mit dem Werkzeughalter  
defines the compatibility between inserts and toolholders

L = 1, 3, 5, 7 (chiffre impair / ungerade Zahl / uneven number)

R = 2, 4, 6, 8 (chiffre pair / gerade Zahl / even number)

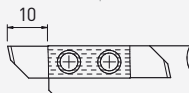
L 710 R 720



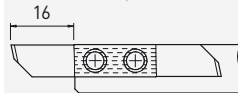
L 730 R 740



L 750 R 760



L 770 R 780

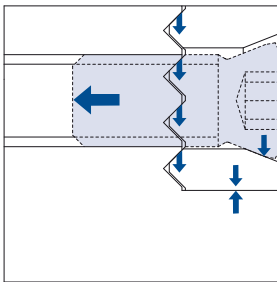
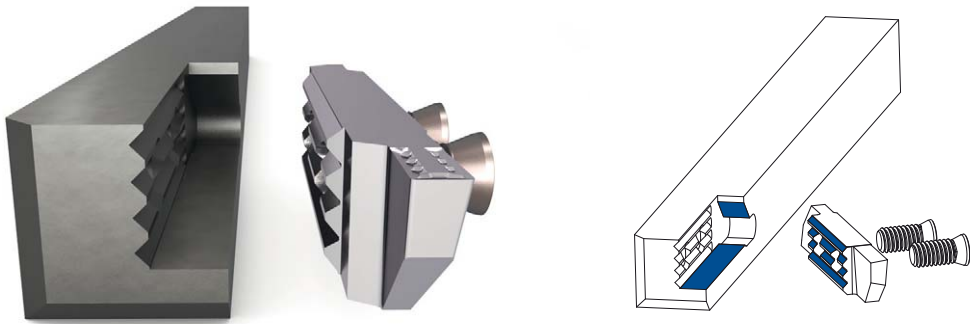


Applitec série 700  
Applitec 700 Serie  
Applitec 700 series

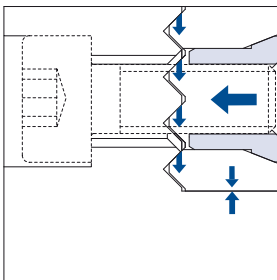
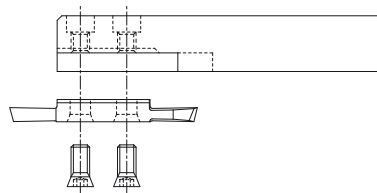
Système de serrage à denture décalée avec 2 vis de fixation  
Spannsystem mit 2 Schrauben und verschobener Verzahnung  
Shifted teeth clamping system with 2 screws

# 100 % rigid !

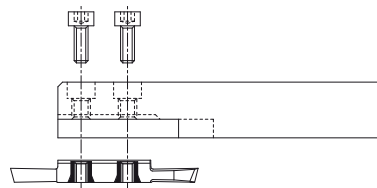
Système de serrage Applitec à denture décalée  
Applitec-Spannsystem mit verschobener Verzahnung  
Applitec clamping system with shifted teeth



**Serrage standard (A)**  
**Standard Spannsystem (A)**  
**Standard clamping system (A)**



**Serrage type B\***  
**Spannsystem Typ B\***  
**Clamping system type B\***



ajouter -B après le numéro d'article  
-B nach der Artikelreferenz hinzufügen  
add -B after the article number

Changement de la plaquette possible dans la machine, sans démontage du porte-outil  
WSP-Austauschmöglichkeit in der Maschine ohne Halterausbau  
The insert can be changed in the machine without removing the tool holder

# TOP-Line



1<sup>er</sup> choix  
1. Wahl  
1<sup>st</sup> choice



Recommandé  
Empfohlen  
Recommended



Pour pièces fragiles de très petits diamètres  
Für empfindliche und sehr kleine Werkstücke  
For fragile and very small work pieces

| Géométries de coupe<br>Spanformgeometrien<br>Cutting geometries |        | Arête de coupe<br>Schneidkante<br>Cutting edge | Series  |         |         |         |           | P                                                            |                                       | M                                                    |
|-----------------------------------------------------------------|--------|------------------------------------------------|---------|---------|---------|---------|-----------|--------------------------------------------------------------|---------------------------------------|------------------------------------------------------|
|                                                                 |        |                                                | 710/720 | 730/740 | 750/760 | 770/780 | 7050/7060 | Acier de décolletage<br>Automatenstahl<br>Free-cutting steel | Acier allié<br>Stahl<br>Alloyed steel | Acier inoxydable<br>Rostfreistahl<br>Stainless steel |
|                                                                 | 0°     |                                                | •       | •       | •       | •       | •         | ★                                                            | ✓                                     | ✓                                                    |
|                                                                 | 0° PCD |                                                |         | •       | •       |         |           |                                                              |                                       |                                                      |
|                                                                 | X4°    |                                                |         | •       | •       |         |           | ★                                                            | ★                                     | ★                                                    |
|                                                                 | XF     |                                                |         | •       | •       | •       | •         | ☆                                                            | ★                                     | ★                                                    |
|                                                                 | X12°   |                                                |         | •       | •       |         |           |                                                              |                                       | ☆                                                    |
|                                                                 | X25°   |                                                |         | •       | •       |         |           |                                                              |                                       | ☆                                                    |
|                                                                 | U      |                                                |         | •       | •       | •       |           | ☆                                                            | ☆                                     | ☆                                                    |
|                                                                 | ZU8    |                                                |         |         | •       |         |           | ★                                                            | ★                                     | ★                                                    |
|                                                                 | X840   |                                                |         |         | •       |         |           |                                                              |                                       |                                                      |
|                                                                 | RAS    |                                                |         |         | •       |         |           | ★                                                            | ★                                     | ☆                                                    |

## Conseils d'utilisation

Anwendungsempfehlungen

Application recommendations

## Tronçonnage

Abstechen

Parting off

## 700 Series

|  | N           |                                                      |                                                                             |          |                            | S                           |                                                                                                                                                             |
|--|-------------|------------------------------------------------------|-----------------------------------------------------------------------------|----------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Aluminium   | Laiton, bronze<br>Messing & Bronze<br>Brass & bronze | Laiton sans plomb<br>[CuZn42, ...]<br>Bleifreies Messing<br>Lead-free brass | Ecobross | Cuivre<br>Kupfer<br>Copper | Titane<br>Titan<br>Titanium | Conseils et avantages<br>Tipps und Vorteile<br>Tips and benefits                                                                                            |
|  | ☑           | ★                                                    |                                                                             | ☑        | ☑                          | ☑                           | Permet un réaffûtage aisé<br>Erlaubt einfaches Nachschleifen<br>Allows easy regrinding                                                                      |
|  | ☆           | ☆                                                    | ☆                                                                           | ★        | ☆                          | ☆                           | Durée de vie nettement prolongée<br>Deutlich verlängerte Lebensdauer<br>Significantly extended tool life                                                    |
|  | ☑           |                                                      | ☆                                                                           |          | ☑                          | ☑                           | Réduit l'effort de coupe, réaffûtable<br>Reduziert Schneidkräfte, nachschleifbar<br>Decreases cutting force, allows regrinding                              |
|  |             |                                                      |                                                                             |          | ☆                          |                             | Pour matières difficiles (pointe renforcée)<br>Für schwierige Werkstoffe (verstärkte Spitze)<br>For difficult materials (reinforced tip)                    |
|  | ★           |                                                      | ☆                                                                           |          | ★                          | ★                           | Très bonne maîtrise du copeau<br>Sehr gute Spankontrolle<br>Very efficient chip control                                                                     |
|  | ★           |                                                      |                                                                             |          | ☆                          | ☆                           | Pour matières collantes faisant de très longs copeaux<br>Für klebrige Werkstoffe mit sehr langen Spänen<br>For sticky materials producing (very) long chips |
|  |             |                                                      |                                                                             |          |                            |                             | Pour resserrer le copeau, réaffûtage aisé<br>Für Spanverschmälerung, einfaches Nachschleifen<br>To narrow the chips, easy regrinding                        |
|  | ☆<br><5% Si | ☆                                                    |                                                                             |          |                            | ☆                           | Géométrie laser avec une très bonne maîtrise<br>du copeau<br>Sehr gute Spankontrolle<br>Very efficient chip control                                         |
|  | ☆<br><5% Si |                                                      | ★                                                                           |          |                            | ☆                           | Pour l'usinage des matières sans plomb<br>Bearbeitung bleifreier Werkstoffe<br>Machining lead-free materials                                                |
|  |             |                                                      |                                                                             |          |                            | ☆                           | Positif à 7°, réduit l'effort de coupe, réaffûtable<br>Reduziert Schneidkräfte, nachschleifbar<br>7° positive, Reduces cutting force, allows regrinding     |



1<sup>er</sup> choix  
1. Wahl  
1<sup>st</sup> choice



Recommandé  
Empfohlen  
Recommended



Pour pièces fragiles de très petits diamètres  
Für empfindliche und sehr kleine Werkstücke  
For fragile and very small work pieces

| Géométries de coupe<br>Spanformgeometrien<br>Cutting geometries |        | Arête de coupe<br>Schneidkante<br>Cutting edge | Series  |         |         | P                                                            |                                       | M                                                    |  |
|-----------------------------------------------------------------|--------|------------------------------------------------|---------|---------|---------|--------------------------------------------------------------|---------------------------------------|------------------------------------------------------|--|
|                                                                 |        |                                                | 710/720 | 730/740 | 750/760 | Acier de décolletage<br>Automatenstahl<br>Free-cutting steel | Acier allié<br>Stahl<br>Alloyed steel | Acier inoxydable<br>Rostfreistahl<br>Stainless steel |  |
|                                                                 | 0°     |                                                | •       | •       | •       | ★                                                            | ✓                                     | ✓                                                    |  |
|                                                                 | 0° PCD |                                                |         | •       |         |                                                              |                                       |                                                      |  |
|                                                                 | PX     |                                                |         | •       | •       | ★                                                            | ☆                                     | ☆                                                    |  |
|                                                                 | X      |                                                |         | •       | •       | ★                                                            | ★                                     | ★                                                    |  |
|                                                                 | X5-EP  |                                                |         |         | •       | ★                                                            | ★                                     | ☆                                                    |  |
|                                                                 | X10-EP |                                                |         |         | •       | ☆                                                            | ☆                                     | ★                                                    |  |
|                                                                 | VS     |                                                |         | •       | •       | ☆                                                            |                                       | ☆                                                    |  |
|                                                                 | ZX10   |                                                |         | •       | •       | ★                                                            | ★                                     | ★                                                    |  |
|                                                                 | ZX17   |                                                |         | •       |         |                                                              |                                       | ☆                                                    |  |
|                                                                 | ZX25   |                                                |         |         | •       |                                                              |                                       | ☆                                                    |  |
|                                                                 | ZXB10  |                                                |         |         | •       | ★                                                            | ★                                     | ★                                                    |  |
|                                                                 | ZXT    |                                                |         |         | •       | ★                                                            | ★                                     | ★                                                    |  |
|                                                                 | ZF-X   |                                                |         | •       | •       |                                                              |                                       |                                                      |  |
|                                                                 | VX-800 |                                                |         |         | •       | ★                                                            | ★                                     | ☆                                                    |  |
|                                                                 | VUX    |                                                |         |         | •       | ☆                                                            | ☆                                     | ★                                                    |  |



## Conseils d'utilisation

Anwendungsempfehlungen

Application recommendations

## Tournage avant

Vorwärts drehen

Front turning

## 700 Series

|  | N           |                                                      |                                                                             |          |                            | S                           | Conseils et avantages<br>Tipps und Vorteile<br>Tips and benefits                                                                         |
|--|-------------|------------------------------------------------------|-----------------------------------------------------------------------------|----------|----------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
|  | Aluminium   | Laiton, bronze<br>Messing & Bronze<br>Brass & bronze | Laiton sans plomb<br>[CuZn42, ...]<br>Bleifreies Messing<br>Lead-free brass | Ecobross | Cuivre<br>Kupfer<br>Copper | Titane<br>Titan<br>Titanium |                                                                                                                                          |
|  | ☑           | ☑                                                    |                                                                             | ☑        | ☑                          | ☑                           | Permet un réaffûtage aisé<br>Erlaubt einfaches Nachschleifen<br>Allows easy regrinding                                                   |
|  | ☆           | ☆                                                    | ☆                                                                           | ★        | ☆                          | ☆                           | Durée de vie nettement prolongée<br>Deutlich verlängerte Lebensdauer<br>Significantly extended tool life                                 |
|  | ☑           |                                                      | ☆                                                                           |          | ☆                          | ☆                           | Très bonne maîtrise du copeau (7°)<br>Sehr gute Spankontrolle<br>Very efficient chip control                                             |
|  | ★           |                                                      | ☆                                                                           |          | ★                          | ★                           | Très bonne maîtrise du copeau<br>Sehr gute Spankontrolle<br>Very efficient chip control                                                  |
|  |             |                                                      |                                                                             |          |                            |                             | Très bonne maîtrise du copeau<br>Sehr gute Spankontrolle<br>Very efficient chip control                                                  |
|  | ☆           |                                                      |                                                                             |          |                            | ☆                           | Très bonne maîtrise du copeau<br>Sehr gute Spankontrolle<br>Very efficient chip control                                                  |
|  | ☑           |                                                      |                                                                             |          | ☑                          | ☑                           | Brise-copeau pour usinage léger en finition<br>Spanbrecher für leichte Schlichtbearbeitung<br>Chip-breaker for light finishing operation |
|  | ☆<br><5% Si | ☆                                                    | ☆                                                                           |          |                            | ☆                           | Très bonne maîtrise du copeau<br>Sehr gute Spankontrolle<br>Very efficient chip control                                                  |
|  | ★<br><5% Si |                                                      |                                                                             |          | ★                          | ★                           | Très bonne maîtrise du copeau<br>Sehr gute Spankontrolle<br>Very efficient chip control                                                  |
|  | ★<br><5% Si |                                                      |                                                                             |          | ★                          | ★                           | Très bonne maîtrise du copeau<br>Sehr gute Spankontrolle<br>Very efficient chip control                                                  |
|  | ☆<br><5% Si | ☆                                                    | ☆                                                                           |          |                            | ☆                           | Très bonne maîtrise du copeau<br>Sehr gute Spankontrolle<br>Very efficient chip control                                                  |
|  | ☆<br><5% Si | ☆                                                    | ☆                                                                           |          |                            | ☆                           | Très bonne maîtrise du copeau<br>Sehr gute Spankontrolle<br>Very efficient chip control                                                  |
|  |             |                                                      | ★                                                                           |          |                            |                             | Pour l'usinage des matières sans plomb<br>Bearbeitung bleifreier Werkstoffe<br>Machining lead-free materials                             |
|  | ☆           |                                                      |                                                                             |          | ☆                          | ☆                           | Pour l'usinage des matières sans plomb<br>Bearbeitung bleifreier Werkstoffe<br>Machining lead-free materials                             |
|  | ☆           |                                                      |                                                                             |          | ☆                          | ★                           | Roule-copeau bidirectionnel<br>Bidirektionaler Spanroller<br>Bi-directional chip-breaker                                                 |

# TOP-Line



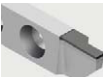
1<sup>er</sup> choix  
1. Wahl  
1<sup>st</sup> choice



Recommandé  
Empfohlen  
Recommended



Pour pièces fragiles de très petits diamètres  
Für empfindliche und sehr kleine Werkstücke  
For fragile and very small work pieces

|                                                                                    |        |                                                                                     | Series  |         |         | P                                                            |                                       | M                                                    |  |
|------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|---------|---------|---------|--------------------------------------------------------------|---------------------------------------|------------------------------------------------------|--|
| Géométries de coupe<br>Spanformgeometrien<br>Cutting geometries                    |        | Arête de coupe<br>Schneidkante<br>Cutting edge                                      | 710/720 | 730/740 | 750/760 | Acier de décolletage<br>Automatenstahl<br>Free-cutting steel | Acier allié<br>Stahl<br>Alloyed steel | Acier inoxydable<br>Rostfreistahl<br>Stainless steel |  |
|    | 0°     |    | ●       | ●       | ●       | ★                                                            | ☑                                     | ☑                                                    |  |
|    | 0° PCD |    |         | ●       |         |                                                              |                                       |                                                      |  |
|    | X      |    |         | ●       | ●       | ★                                                            | ★                                     | ★                                                    |  |
|    | VX-8°  |    |         | ●       | ●       | ★                                                            | ★                                     | ☆                                                    |  |
|    | VX-800 |    |         | ●       | ●       | ★                                                            | ★                                     | ☆                                                    |  |
|    | VX-15° |    |         | ●       | ●       | ☆                                                            |                                       | ☆                                                    |  |
|   | VUX    |   |         |         | ●       | ☆                                                            | ☆                                     | ★                                                    |  |
|  | ZX10   |  |         | ●       | ●       | ★                                                            | ★                                     | ★                                                    |  |
|  | ZXB    |  |         |         | ●       | ★                                                            | ★                                     | ★                                                    |  |
|  | ZXT    |  |         | ●       | ●       | ★                                                            | ★                                     | ★                                                    |  |

**Conseils d'utilisation**

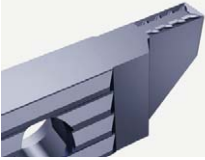
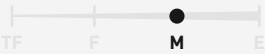
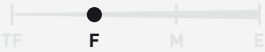
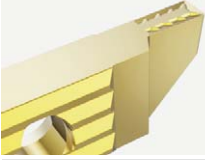
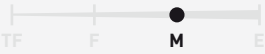
Anwendungsempfehlungen  
Application recommendations

**Tournage arrière**

Rückwärts drehen  
Back turning

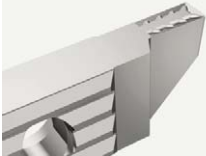
**700 Series**

|  | N           |                                                      |                                                                             |          |                            | S                           | Conseils et avantages<br>Tipps und Vorteile<br>Tips and benefits                                         |
|--|-------------|------------------------------------------------------|-----------------------------------------------------------------------------|----------|----------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------|
|  | Aluminium   | Laiton, bronze<br>Messing & Bronze<br>Brass & bronze | Laiton sans plomb<br>[CuZn42, ...]<br>Bleifreies Messing<br>Lead-free brass | Ecobross | Cuivre<br>Kupfer<br>Copper | Titane<br>Titan<br>Titanium |                                                                                                          |
|  | ✓           | ✓                                                    |                                                                             | ✓        | ✓                          | ✓                           | Permet un réaffûtage aisé<br>Erlaubt einfaches Nachschleifen<br>Allows easy regrinding                   |
|  | ☆           | ☆                                                    | ☆                                                                           | ★        | ☆                          | ☆                           | Durée de vie nettement prolongée<br>Deutlich verlängerte Lebensdauer<br>Significantly extended tool life |
|  | ★           |                                                      | ☆                                                                           |          | ★                          | ★                           | Très bonne maîtrise du copeau<br>Sehr gute Spankontrolle<br>Very efficient chip control                  |
|  | ☆           |                                                      | ☆                                                                           |          | ☆                          | ☆                           | Très bonne maîtrise du copeau<br>Sehr gute Spankontrolle<br>Very efficient chip control                  |
|  | ☆           |                                                      |                                                                             |          | ☆                          | ☆                           | Très bonne maîtrise du copeau<br>Sehr gute Spankontrolle<br>Very efficient chip control                  |
|  | ★           |                                                      |                                                                             |          | ★                          | ★                           | Très bonne maîtrise du copeau<br>Sehr gute Spankontrolle<br>Very efficient chip control                  |
|  | ☆           |                                                      |                                                                             |          | ☆                          | ★                           | Roule-copeau bidirectionnel<br>Bidirektionaler Spanroller<br>Bi-directional chip breaker                 |
|  | ☆<br><5% Si | ☆                                                    | ☆                                                                           |          |                            | ☆                           | Très bonne maîtrise du copeau<br>Sehr gute Spankontrolle<br>Very efficient chip control                  |
|  | ☆<br><5% Si | ☆                                                    | ☆                                                                           |          |                            | ☆                           | Très bonne maîtrise du copeau<br>Sehr gute Spankontrolle<br>Very efficient chip control                  |
|  | ☆<br><5% Si | ☆                                                    | ☆                                                                           |          |                            | ☆                           | Très bonne maîtrise du copeau<br>Sehr gute Spankontrolle<br>Very efficient chip control                  |

|             |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                         |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>μK20</p> | <p><b>TiAlN</b></p>  <ul style="list-style-type: none"> <li>• excellente nuance universelle</li> <li>• 1<sup>er</sup> choix pour l'usinage des aciers, aciers inoxydables et alliages de titane</li> <li>• très bonne résistance à la température</li> </ul>                                      | <p> K20</p> <p><b>μK20 + revêtement PVD</b><br/>μK20 + PVD Beschichtung<br/>μK20 + PVD coating</p>  <p> <b>P</b> ★★★★★<br/> <b>M</b> ★★★★★<br/> <b>N</b> ★★★★★<br/> <b>S</b> ★★★★★         </p> <ul style="list-style-type: none"> <li>• beste Universalsorte</li> <li>• erste Wahl von Stahl, rostfreiem Stahl und Titanlegierungen</li> <li>• sehr gute Warmfestigkeit</li> </ul>                                                                            | <ul style="list-style-type: none"> <li>• best universal grade</li> <li>• first choice for steel, stainless steel and titanium alloys machining</li> <li>• very good heat resistance</li> </ul>                                                          |
| <p>μK20</p> | <p><b>TiAlX</b></p>  <ul style="list-style-type: none"> <li>• nuance très résistante à l'usure et à la température, recommandée pour l'usinage des matières suivantes : inox 304, 316L, 317L, 904, Phynox</li> <li>• aciers alliés contenant : chrome nickel, vanadium, molybdène, ...</li> </ul> | <p> K20</p> <p><b>μK20 + revêtement PVD</b><br/>μK20 + PVD Beschichtung<br/>μK20 + PVD coating</p>  <p> <b>P</b> ★★★★★<br/> <b>M</b> ★★★★★<br/> <b>N</b> ★★★★★<br/> <b>S</b> ★★★★★         </p> <ul style="list-style-type: none"> <li>• sehr verschleissfeste und temperaturbeständige Sorte. Für folgende Materialien empfohlen : Inox 304, 316L, 317L, 904, Phynox</li> <li>• legierter Stahl enthaltend : Chrom-Nickel, Vanadium, Molybdän, ...</li> </ul> | <ul style="list-style-type: none"> <li>• very wear and high temperature resistant grade. Recommended for following material : Inox 304, 316L, 317L, 904, Phynox</li> <li>• alloy steel containing : Chrome-nickel, Vanadium, Molybdenum, ...</li> </ul> |
| <p>μK20</p> | <p><b>TiN</b></p>  <ul style="list-style-type: none"> <li>• nuance pour l'usinage des matières peu résistantes qui créent des arêtes rapportées</li> <li>• très faible coefficient de frottement</li> <li>• à éviter pour l'usinage du titane</li> </ul>                                        | <p> K20</p> <p><b>μK20 + revêtement PVD</b><br/>μK20 + PVD Beschichtung<br/>μK20 + PVD coating</p>  <p> <b>P</b> ★★★★★<br/> <b>M</b> ★★★★★<br/> <b>N</b> ★★★★★<br/> <b>S</b> ★★★★★         </p> <ul style="list-style-type: none"> <li>• Sorte für die Bearbeitung von weichen Werkstoffen mit Tendenz zur Bildung von Aufbauschneiden</li> <li>• sehr geringer Reibwert</li> <li>• für die Bearbeitung von Titan nicht geeignet</li> </ul>                | <ul style="list-style-type: none"> <li>• grade for the machining of low resistance materials which causes edge build-up</li> <li>• very low friction ratio</li> <li>• not suitable for titanium machining</li> </ul>                                    |

K20

Nuances  
Sorten  
Grades

|      |                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| μK20 | <div>ST</div>                                                                                                                                                          | <div>● K20</div> <div>μK20 + revêtement PVD<br/>μK20 + PVD Beschichtung<br/>μK20 + PVD coating</div> <div><div>TF</div><div>F</div><div>M</div><div>E</div></div>                                                                 | <div>P★★★★★</div> <div>M★★★★★</div> <div>N★★★★★</div> <div>S★★★★★</div>                                                                                                                                                        |
|      | <ul style="list-style-type: none"><li>• nuance résistante à la température, destinée à l'usinage des matières suivantes : inox, titane allié, alliages à base de nickel, chrome cobalt, les matières avec une dureté supérieure à &gt; 50 HRC</li></ul> | <ul style="list-style-type: none"><li>• verschleißfeste und temperaturbeständige Sorte. Für folgende Materialien empfohlen : Inox, legiertes Titan, Nickellegierungen, Chrom-Kobalt, Materialien härter als &gt; 50 HRC</li></ul> | <ul style="list-style-type: none"><li>• wear and temperature-resistant grade. Recommended for following materials : Inox, titanium alloys, nickel-based alloys, chrome-cobalt, and materials harder than &gt; 50 HRC</li></ul> |
|      |                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |
| μK20 | <div>N</div>                                                                                                                                                           | <div>● K20</div> <div>Non revêtu<br/>Unbeschichtet<br/>Uncoated</div>                                                                                                                                                             | <div>P★☆☆☆☆</div> <div>M★☆☆☆☆</div> <div>N★★★★★</div> <div>S★★★★★</div>                                                                                                                                                        |
|      | <ul style="list-style-type: none"><li>• supporte les coupes interrompues et autres conditions d'usinage défavorables</li></ul>                                                                                                                          | <ul style="list-style-type: none"><li>• für unterbrochene Schnitte und andere ungünstige Bearbeitungsbedingungen geeignet</li></ul>                                                                                               | <ul style="list-style-type: none"><li>• suitable for interrupted cut and other unfavourable machining conditions</li></ul>                                                                                                     |
|      |                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |

Nuances

Sorten

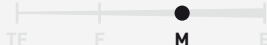
Grades

K10 - K20

## KCR

 K10 - K20

**μK10 - μK20 + revêtement PVD**  
μK10 - μK20 + PVD Beschichtung  
μK10 - μK20 + PVD coating





| Grade | Rating |
|-------|--------|
| P     | ★★★★★  |
| M     | ★★★★★  |
| N     | ★★★★★  |
| S     | ★★★★★  |

- nuance spécifique aux matériaux non ferreux tels que cuivre, laiton, laiton sans plomb, bronze, maillechort
- réduit le collage. Alternative aux revêtements DLC pour certains domaines d'applications

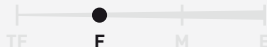
- spezifische Sorte, für Nichteisenmetalle wie Kupfer, Messing, bleifreies Messing, Bronze, Neusilber
- Verringerung des Klebens. Alternative zu DLC-Beschichtungen in gewissen Einsatzbereichen

- specific grade for non-ferrous materials such as copper, brass, lead-free brass, bronze and nickel silver
- reduces sticking. Alternative to DLC coatings for certain applications

## KCRF

 K10 - K20

**μK10 - μK20 + revêtement PVD**  
μK10 - μK20 + PVD Beschichtung  
μK10 - μK20 + PVD coating





| Grade | Rating |
|-------|--------|
| P     | ★★★★★  |
| M     | ★★★★★  |
| N     | ★★★★★  |
| S     | ★★★★★  |

- nuance spécifique aux matériaux non ferreux tels que cuivre, laiton, laiton sans plomb, bronze, maillechort
- réduit le collage. Alternative aux revêtements DLC pour certains domaines d'applications

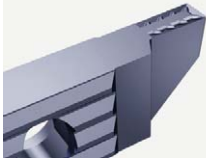
- spezifische Sorte, für Nichteisenmetalle wie Kupfer, Messing, bleifreies Messing, Bronze, Neusilber
- Verringerung des Klebens. Alternative zu DLC-Beschichtungen in gewissen Einsatzbereichen

- specific grade for non-ferrous materials such as copper, brass, lead-free brass, bronze and nickel silver
- reduces sticking. Alternative to DLC coatings for certain applications

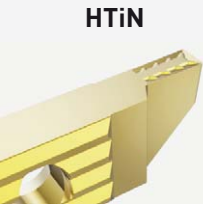
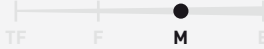
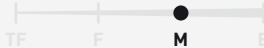
K10 - K20

Nuances  
Sorten  
Grades

|             |                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| μK10 - μK20 | <div><p>KST</p></div>                                                                                                                                                                                                         | <div><p>● K10 - K20</p><p>μK10 - μK20 + revêtement PVD<br/>μK10 - μK20 + PVD Beschichtung<br/>μK10 - μK20 + PVD coating</p><div><div>TF</div><div>F</div><div>M</div><div>E</div></div></div> <div><div>P★★★★★</div><div>M★★★★★</div><div>N★★★★★</div><div>S★★★★★</div></div>                                                                                                                                                                                                                                                                               |
|             | <div><ul style="list-style-type: none"><li>• nuance présentant d'excellentes propriétés de résistance à l'usure et ténacité, destinée à l'usinage des matières suivantes : inox, titane allié, alliages à base de nickel, chrome cobalt, les matières avec une dureté supérieure à &gt; 50 HRC</li></ul></div> | <div><ul style="list-style-type: none"><li>• verschleißfeste und zähe Sorte. Für folgende Materialen empfohlen : Inox, legiertes Titan, Nickellegierungen, Chrom-Kobalt, Materialien härter als &gt; 50 HRC</li></ul></div> <div><ul style="list-style-type: none"><li>• grade with excellent wear resistance and toughness properties. Recommended for following materials : Inox, titanium alloys, nickel-based alloys, chrome-cobalt, and materials harder than &gt; 50 HRC</li></ul></div>                                                              |
| μK10 - μK20 | <div><p>KN</p></div>                                                                                                                                                                                                          | <div><p>● K10 - K20</p><p>Non revêtu<br/>Unbeschichtet<br/>Uncoated</p></div> <div><div>P★☆☆☆☆</div><div>M★☆☆☆☆</div><div>N★★★★★</div><div>S★★★★★</div></div>                                                                                                                                                                                                                                                                                                                                                                                               |
|             | <div><ul style="list-style-type: none"><li>• nuance micro-grain, alliant une très bonne résistance à l'usure et une bonne ténacité.</li><li>• recommandé pour l'usinage des matières ne nécessitant aucun revêtement, par exemple le titane pur.</li></ul></div>                                               | <div><ul style="list-style-type: none"><li>• verschleißfeste Feinkornsorte, unbeschichtet, die eine sehr gute Verschleißfestigkeit mit guter Zähigkeit kombiniert.</li><li>• empfohlen für die Bearbeitung von Werkstoffen, die keine Beschichtung erfordern, wie zum Beispiel reines Titan.</li></ul></div> <div><ul style="list-style-type: none"><li>• micro-grain grade, combining excellent wear resistance with good toughness.</li><li>• recommended for machining materials that do not require any coating, such as pure titanium.</li></ul></div> |

|                 |                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>μK10</div> | <div><div>HTA</div><div></div></div>      | <div><div><div> K10</div><div><div>μK10 + revêtement PVD</div><div>μK10 + PVD Beschichtung</div><div>μK10 + PVD coating</div></div><div><div><div>TF</div><div>F</div><div>M</div><div>E</div></div></div></div></div> <div><div><div>P</div><div>★★★★★</div></div><div><div>M</div><div>★★★★★</div></div><div><div>N</div><div>★★★★★</div></div><div><div>S</div><div>★★★★★</div></div></div> <div><div><ul style="list-style-type: none"><li>• nuance très résistante à l'usure</li><li>• pour l'usinage en finition dans des conditions favorables des aciers, aciers inoxydables et alliages de titane</li></ul></div><div><ul style="list-style-type: none"><li>• sehr verschleissfeste Sorte</li><li>• für die Feinbearbeitung von Stahl, rostfreiem Stahl und Titanlegierungen bei guten Bearbeitungsbedingungen</li></ul></div><div><ul style="list-style-type: none"><li>• very wear resistant grade</li><li>• for light machining of steel, stainless steel and titanium alloys under favourable machining conditions</li></ul></div></div>                                                                                                                                   |
| <div>μK10</div> | <div><div>HTAX</div><div></div></div>     | <div><div><div> K10</div><div><div>μK10 + revêtement PVD</div><div>μK10 + PVD Beschichtung</div><div>μK10 + PVD coating</div></div><div><div><div>TF</div><div>F</div><div>M</div><div>E</div></div></div></div></div> <div><div><div>P</div><div>★★★★★</div></div><div><div>M</div><div>★★★★★</div></div><div><div>N</div><div>★★★★★</div></div><div><div>S</div><div>★★★★★</div></div></div> <div><div><ul style="list-style-type: none"><li>• nuance très résistante à l'usure et à la température, pour l'usinage en finition avec faible avance de petites pièces. Recommandée pour l'usinage des matières suivantes : inox 304, 316L, 317L, 904, Phynox</li></ul></div><div><ul style="list-style-type: none"><li>• sehr verschleissfeste und temperaturbeständige Sorte, für Feinbearbeitung von kleinen Teilen mit geringer Vorschub. Für folgende Materialien empfohlen : Inox 304, 316L, 317L, 904, Phynox</li></ul></div><div><ul style="list-style-type: none"><li>• very wear and high temperature resistant grade, for light machining of small parts with low cutting feed. Recommended for following material : Inox 304, 316L, 317L, 904, Phynox</li></ul></div></div> |
| <div>μK10</div> | <div><div>HCR-TF</div><div></div></div> | <div><div><div> K10</div><div><div>μK10 + revêtement PVD</div><div>μK10 + PVD Beschichtung</div><div>μK10 + PVD coating</div></div><div><div><div>TF</div><div>F</div><div>M</div><div>E</div></div></div></div></div> <div><div><div>P</div><div>★★★★★</div></div><div><div>M</div><div>★★★★★</div></div><div><div>N</div><div>★★★★★</div></div><div><div>S</div><div>★★★★★</div></div></div> <div><div><ul style="list-style-type: none"><li>• nuance spécifique aux matériaux non ferreux tels que cuivre, laiton, laiton sans plomb, bronze, maillechort. Réduit le collage. Alternative aux revêtements DLC pour certains domaines d'applications</li></ul></div><div><ul style="list-style-type: none"><li>• spezifische Sorte, für Nichteisenmetalle wie Kupfer, Messing, bleifreies Messing, Bronze, Neusilber. Verringerung des Klebens. Alternative zu DLC-Beschichtungen in gewissen Einsatzbereichen</li></ul></div><div><ul style="list-style-type: none"><li>• specific grade for non-ferrous materials such as copper, brass, lead-free brass, bronze and nickel silver. Reduces sticking. Alternative to DLC coatings for certain applications</li></ul></div></div>  |



|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |       |   |       |   |       |   |       |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------|---|-------|---|-------|---|-------|
| μK10 | <div>  </div> <div>HTiN</div> <div>  K10         </div> <div> <b>μK10 + revêtement PVD</b><br/>           μK10 + PVD Beschichtung<br/>           μK10 + PVD coating         </div> <div>  </div> <div> <table border="1"> <tr><td>P</td><td>★★★★★</td></tr> <tr><td>M</td><td>★★★★★</td></tr> <tr><td>N</td><td>★★★★★</td></tr> <tr><td>S</td><td>★★★★★</td></tr> </table> </div> <div> <ul style="list-style-type: none"> <li>• nuance pour l'usinage en finition des matières peu résistantes qui créent des arêtes rapportées</li> <li>• très faible coefficient de frottement</li> <li>• à éviter pour l'usinage du titane</li> </ul> </div> <div> <ul style="list-style-type: none"> <li>• Sorte für die Feinbearbeitung von weichen Werkstoffen mit Tendenz zur Bildung von Aufbauschneiden</li> <li>• sehr geringer Reibwert</li> <li>• für die Bearbeitung von Titan nicht geeignet</li> </ul> </div> <div> <ul style="list-style-type: none"> <li>• grade for light machining of low resistance materials which causes edge build-up</li> <li>• very low friction ratio</li> <li>• not suitable for titanium machining</li> </ul> </div> | P | ★★★★★ | M | ★★★★★ | N | ★★★★★ | S | ★★★★★ |
| P    | ★★★★★                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |       |   |       |   |       |   |       |
| M    | ★★★★★                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |       |   |       |   |       |   |       |
| N    | ★★★★★                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |       |   |       |   |       |   |       |
| S    | ★★★★★                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |       |   |       |   |       |   |       |
| μK10 | <div>  </div> <div>HAC</div> <div>  K10         </div> <div> <b>μK10 + revêtement PVD</b><br/>           μK10 + PVD Beschichtung<br/>           μK10 + PVD coating         </div> <div>  </div> <div> <table border="1"> <tr><td>P</td><td>★★★★★</td></tr> <tr><td>M</td><td>★★★★★</td></tr> <tr><td>N</td><td>★★★★★</td></tr> <tr><td>S</td><td>★★★★★</td></tr> </table> </div> <div> <ul style="list-style-type: none"> <li>• nuance pour métaux non ferreux</li> <li>• très faible coefficient de frottement</li> <li>• 1<sup>er</sup> choix pour l'usinage des aluminums jusqu'à 5% Si, des cuivres et titanes faiblement alliés</li> </ul> </div> <div> <ul style="list-style-type: none"> <li>• Sorte für Nichteisenmetalle</li> <li>• sehr geringer Reibwert</li> <li>• erste Wahl von Aluminium bis 5% Si, Kupfer und niedriglegiertem Titan</li> </ul> </div> <div> <ul style="list-style-type: none"> <li>• grade non-ferrous materials</li> <li>• very low friction ratio</li> <li>• first choice for aluminium up to 5% Si, copper and low alloyed titanium</li> </ul> </div>                                                      | P | ★★★★★ | M | ★★★★★ | N | ★★★★★ | S | ★★★★★ |
| P    | ★★★★★                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |       |   |       |   |       |   |       |
| M    | ★★★★★                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |       |   |       |   |       |   |       |
| N    | ★★★★★                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |       |   |       |   |       |   |       |
| S    | ★★★★★                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |       |   |       |   |       |   |       |
| μK10 | <div>  </div> <div>HN</div> <div>  K10         </div> <div> <b>Non revêtu</b><br/>           Unbeschichtet<br/>           Uncoated         </div> <div> <table border="1"> <tr><td>P</td><td>★☆☆☆☆</td></tr> <tr><td>M</td><td>★☆☆☆☆</td></tr> <tr><td>N</td><td>★★★★★</td></tr> <tr><td>S</td><td>★★★★★</td></tr> </table> </div> <div> <ul style="list-style-type: none"> <li>• nuance micro-grain très résistante à l'usure</li> <li>• recommandé pour l'usinage du titane faiblement allié</li> <li>• déconseillé en cas de coupe interrompue</li> </ul> </div> <div> <ul style="list-style-type: none"> <li>• verschleißfeste Feinkornsorte</li> <li>• für die Bearbeitung von niedrig legiertem Titan empfehlenswert</li> <li>• für unterbrochene Schnitte nicht geeignet</li> </ul> </div> <div> <ul style="list-style-type: none"> <li>• wear resistant micro-grain grade</li> <li>• suitable for the machining of low alloyed titanium</li> <li>• not suitable for interrupted cut</li> </ul> </div>                                                                                                                                                                                                                              | P | ★☆☆☆☆ | M | ★☆☆☆☆ | N | ★★★★★ | S | ★★★★★ |
| P    | ★☆☆☆☆                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |       |   |       |   |       |   |       |
| M    | ★☆☆☆☆                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |       |   |       |   |       |   |       |
| N    | ★★★★★                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |       |   |       |   |       |   |       |
| S    | ★★★★★                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |       |   |       |   |       |   |       |

Paramètres de coupe indicatifs

Empfohlene Schnittwerte

Standard machining data

|                                                                            |                                                                                               | Tournage<br>Drehen<br>Turning |                                                |                            | Tronçonnage<br>Abstechen<br>Parting off |                                                    |                            |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------|----------------------------|-----------------------------------------|----------------------------------------------------|----------------------------|
| Matière<br>Werkstoff<br>Material                                           |                                                                                               | VC                            | Prof. de passe<br>Schnitttiefe<br>Depth of cut | Avance<br>Vorschub<br>Feed | VC                                      | Largeur de coupe<br>Abstechbreite<br>Cutting width | Avance<br>Vorschub<br>Feed |
|                                                                            |                                                                                               | (m/min)                       | (mm)                                           | (mm/U)                     | (m/min)                                 | (mm)                                               | (mm/U)                     |
| Acier de décolletage<br>Automatenstahl<br>Free-cutting steel               |              | 120 - 200                     | 0.05 - 1.0<br>1.0 - 4.0                        | 0.01 - 0.15<br>0.05 - 0.25 | 80 - 150                                | 0.50 - 1.50<br>1.50 - 3.50                         | 0.01 - 0.08<br>0.03 - 0.15 |
| Acier<br>Stahl<br>Steel                                                    | < 600 N/mm²  | 80 - 160                      | 0.05 - 1.0<br>1.0 - 4.0                        | 0.01 - 0.15<br>0.05 - 0.25 | 70 - 120                                | 0.50 - 1.50<br>1.50 - 3.50                         | 0.01 - 0.06<br>0.03 - 0.12 |
| Acier<br>Stahl<br>Steel                                                    | < 800 N/mm²  | 60 - 120                      | 0.05 - 1.0<br>1.0 - 4.0                        | 0.01 - 0.10<br>0.05 - 0.20 | 60 - 100                                | 0.50 - 1.50<br>1.50 - 3.50                         | 0.01 - 0.05<br>0.03 - 0.10 |
| Acier<br>Stahl<br>Steel                                                    | > 800 N/mm²  | 50 - 100                      | 0.05 - 1.0<br>1.0 - 3.0                        | 0.01 - 0.08<br>0.05 - 0.15 | 40 - 80                                 | 0.50 - 1.50<br>1.50 - 3.50                         | 0.01 - 0.04<br>0.03 - 0.08 |
| Acier inoxydable<br>Rostfreistahl<br>Stainless steel                       |              | 60 - 120                      | 0.05 - 1.0<br>1.0 - 3.0                        | 0.01 - 0.08<br>0.05 - 0.15 | 60 - 100                                | 0.50 - 1.50<br>1.50 - 3.50                         | 0.01 - 0.04<br>0.03 - 0.08 |
| Aluminium Si <12%                                                          |              | 200 - 1000                    | 0.05 - 1.0<br>1.0 - 4.0                        | 0.01 - 0.20<br>0.05 - 0.40 | 180 - 400                               | 0.50 - 1.50<br>1.50 - 3.50                         | 0.01 - 0.10<br>0.03 - 0.20 |
| Aluminium Si >12%                                                          |            | 180 - 800                     | 0.05 - 1.0<br>1.0 - 4.0                        | 0.01 - 0.20<br>0.05 - 0.40 | 150 - 300                               | 0.50 - 1.50<br>1.50 - 3.50                         | 0.01 - 0.10<br>0.03 - 0.20 |
| Cuivre, laiton, bronze<br>Kupfer, Messing, Bronze<br>Copper, brass, bronze |            | 100 - 500                     | 0.05 - 1.0<br>1.0 - 4.0                        | 0.01 - 0.20<br>0.05 - 0.35 | 100 - 300                               | 0.50 - 1.50<br>1.50 - 3.50                         | 0.01 - 0.10<br>0.03 - 0.20 |
| Titane<br>Titan<br>Titanium                                                |            | 30 - 70                       | 0.05 - 1.0<br>1.0 - 4.0                        | 0.01 - 0.08<br>0.05 - 0.15 | 30 - 50                                 | 0.50 - 1.50<br>1.50 - 3.50                         | 0.01 - 0.03<br>0.03 - 0.06 |

Indications pour premier réglage  
Hinweise für die erste Einrichtung  
Indications for first setting

| Ébauche<br>Schruppen<br>Roughing                                                                                    | Finition<br>Schlichten<br>Finishing                                                                        |
|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• vitesse de coupe moyenne</li><li>• avance élevée</li></ul>                  | <ul style="list-style-type: none"><li>• vitesse de coupe élevée</li><li>• avance faible</li></ul>          |
| <ul style="list-style-type: none"><li>• durchschnittliche Schnittgeschwindigkeit</li><li>• hoher Vorschub</li></ul> | <ul style="list-style-type: none"><li>• hohe Schnittgeschwindigkeit</li><li>• niedriger Vorschub</li></ul> |
| <ul style="list-style-type: none"><li>• average cutting speed</li><li>• high feed rate</li></ul>                    | <ul style="list-style-type: none"><li>• high cutting speed</li><li>• low cutting feed</li></ul>            |

| Remarques importantes<br>Wichtige Bemerkungen<br>Important remarks                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• en raison des limites de la machine, il n'est souvent pas possible d'atteindre les vitesses de coupe préconisées</li><li>• les outils Applitec sont spécialement développés pour permettre de hautes performances, même dans des conditions de coupe défavorables</li><li>• des applications non préconisées dans le tableau ci-contre peuvent également s'avérer efficaces</li></ul> |
| <ul style="list-style-type: none"><li>• wegen begrenzter Maschinenleistung ist es oft nicht möglich, die vorgeschlagenen Schnittgeschwindigkeiten zu erreichen</li><li>• Applitec Werkzeuge sind besonders dazu entwickelt, um sogar bei ungünstigen Schnittdaten leistungsfähig zu sein</li><li>• die in der nebenstehender Tabelle nicht erwähnten Anwendungsfälle können sich auch effizient erweisen</li></ul>            |
| <ul style="list-style-type: none"><li>• due to the limitations of the machine, it is often not possible to achieve the recommended cutting speeds</li><li>• Applitec tools are specially developed to deliver high performance, even in unfavorable cutting conditions</li><li>• applications not mentioned in the opposite table can also be efficient</li></ul>                                                             |

Nuances PCD

PKD Sorten

PCD grades

## PCD / PKD

**Diamant polycristallin**  
Polykristalliner Diamant  
Polycrystalline diamond

|   |       |
|---|-------|
| P | ★★★★★ |
| M | ★★★★★ |
| N | ★★★★★ |
| S | ★★★★★ |

- le PCD est principalement utilisé pour l'usinage de matériaux non ferreux très abrasifs
- il offre une haute dureté, une faible friction et une excellente conductivité thermique, des caractéristiques qui permettent d'atteindre des vitesses de coupe élevées et d'augmenter la durée de vie des outils

- PKD wird hauptsächlich für die Zerspanung hochabrasiver, nicht eisenhaltiger Werkstoffe verwendet
- er zeichnet sich durch hohe Härte, geringe Reibung und exzellente Wärmeleitfähigkeit aus – Eigenschaften, die hohe Schnittgeschwindigkeiten ermöglichen und die Standzeit der Werkzeuge erhöhen

- PCD is primarily used for machining highly abrasive non-ferrous materials
- it features high hardness, low friction, and excellent thermal conductivity - characteristics that enable high cutting speeds and extend tool life

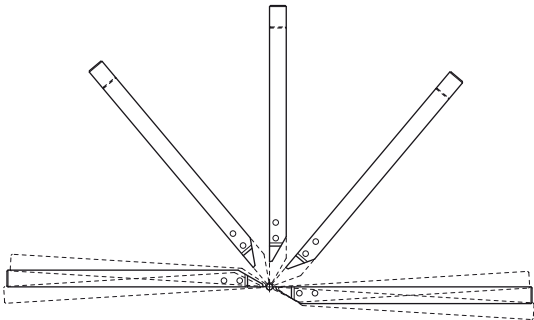
## Paramètres de coupe indicatifs PCD

PKD empfohlene Schnittwerte

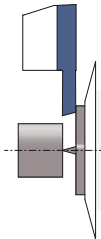
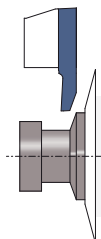
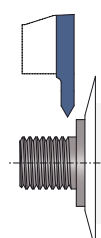
PCD standard machining data

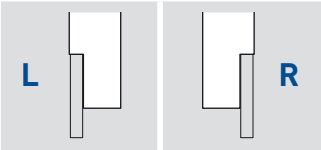
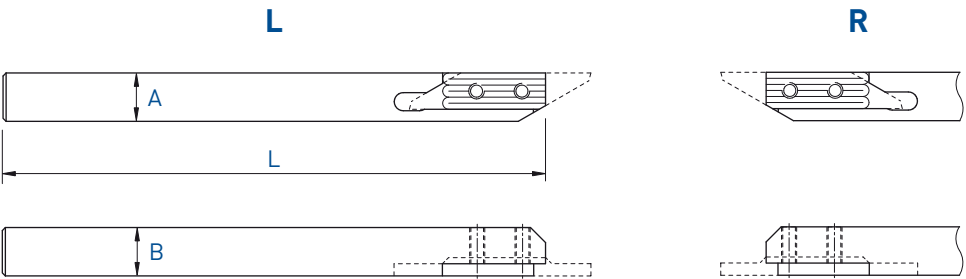
| Matière<br>Werkstoff<br>Material                                                                                                                          |   | Tournage et tronçonnage<br>Drehen und Abstechen<br>Turning and parting off |                                                |                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------------------------------------------------------|------------------------------------------------|----------------------------|
|                                                                                                                                                           |   | VC                                                                         | Prof. de passe<br>Schnitttiefe<br>Depth of cut | Avance<br>Vorschub<br>Feed |
|                                                                                                                                                           |   | (m/min)                                                                    | (mm)                                           | (mm/U)                     |
| Aluminium Si <12%                                                                                                                                         | N | 250 - 350                                                                  | 0.05 - 1.0<br>1.0 - 4.0                        | 0.04 - 0.07<br>0.05 - 0.10 |
| Aluminium Si >12%                                                                                                                                         | N | 180 - 250                                                                  | 0.05 - 1.0<br>1.0 - 4.0                        | 0.10 - 0.25<br>0.12 - 0.36 |
| Cuivre, laiton, bronze<br>Kupfer, Messing, Bronze<br>Copper, brass, bronze                                                                                | N | 350 - 450                                                                  | 0.05 - 1.0<br>1.0 - 4.0                        | 0.04 - 0.08<br>0.05 - 0.11 |
| Alliage de cuivre sans plomb (ECOBASS)<br>Kupferlegierung ohne Blei (ECOBASS)<br>Lead-free copper alloy (ECOBASS)                                         | N | 320 - 420                                                                  | 0.05 - 1.0<br>1.0 - 4.0                        | 0.03 - 0.07<br>0.04 - 0.09 |
| Plastique renforcé de fibres de verre, graphite<br>Glasfaserverstärkter Kunststoff, Graphit<br>Glass fiber reinforced plastic, graphite                   | N | 450 - 600                                                                  | 0.05 - 1.0<br>1.0 - 4.0                        | 0.04 - 0.08<br>0.05 - 0.11 |
| Thermoplastique renforcé de fibres de carbone, téflon<br>Kohlenstofffaserverstärkter Thermoplast, Teflon<br>Carbon fiber reinforced thermoplastic, Teflon | N | 450 - 600                                                                  | 0.05 - 1.0<br>1.0 - 4.0                        | 0.04 - 0.08<br>0.05 - 0.11 |
| Or, argent et platine<br>Gold, Silber und Platin<br>Gold, silver and platinum                                                                             | N | 320 - 370                                                                  | 0.05 - 1.0<br>1.0 - 4.0                        | 0.03 - 0.06<br>0.04 - 0.07 |

| L           |      | R      |      |
|-------------|------|--------|------|
| Type        | Page | Type   | Page |
| 710         | 1.24 | 720    | 1.24 |
| 710-NOVIBRA | 1.25 | 721    | 1.26 |
| 711         | 1.26 | 721-EP | 1.33 |
| 711-EP      | 1.33 | 722    | 1.27 |
| 712         | 1.27 | 723-30 | 1.28 |
| 713-30      | 1.28 | 723-45 | 1.29 |
| 713-45      | 1.29 | 723-60 | 1.30 |
| 713-60      | 1.30 | 724    | 1.31 |
| 714         | 1.31 | 726    | 1.32 |
| 716         | 1.32 |        |      |



Porte-outils et plaquettes pour machines à cames  
Halter und WSP für kurvengesteuerte Maschinen  
Tool holders and inserts for cam driven machines

|                                                                                     |                                                                                       |        |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|
|                                                                                     | <b>710 / 720</b><br>Porte-outils<br>Halter<br>Holders                                 | > 1.24 |
|    | <b>711 / 721</b><br>Tronçonnage<br>Abstechen<br>Parting off                           | > 1.26 |
|    | <b>712 / 722</b><br>Tournage avant<br>Vorwärts drehen<br>Front turning                | > 1.27 |
|   | <b>713 / 723</b><br>Tournage arrière<br>Rückwärts drehen<br>Back turning              | > 1.28 |
|  | <b>714 / 724</b><br>Fonçage-tournage<br>Einstechen und drehen<br>Grooving and turning | > 1.31 |
|  | <b>716 / 726</b><br>Filetage<br>Gewinde drehen<br>Threading                           | > 1.32 |
|                                                                                     | Plaquettes ébauches<br>WSP-Rohlinge<br>Blank inserts                                  | > 1.33 |



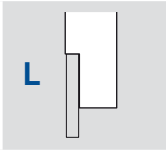
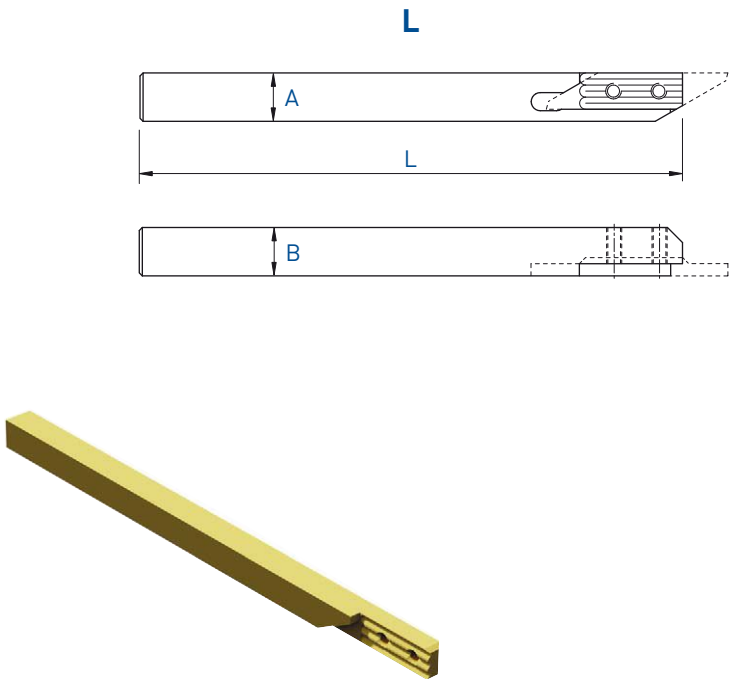
| A x B   | L   | Serrage<br>Spannsystem<br>Clamping | Art. N°   | Art. N° |
|---------|-----|------------------------------------|-----------|---------|
| 6 x 6   | 115 | A                                  | 710-6     | -       |
| 7 x 7   | 115 | A                                  | 710-7     | 720-7   |
| 8 x 8   | 115 | A                                  | 710-8     | 720-8   |
| 8 x 8   | 140 | A                                  | 710-8-140 | -       |
| 10 x 10 | 115 | A                                  | 710-10    | 720-10  |
| 12 x 12 | 130 | A                                  | 710-12    | 720-12  |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.



Porte-outils en métal lourd anti-vibratoire  
Schwingungsdämpfende Schwermetallhalter  
Low vibration heavy metal holders

710-NOVIBRA

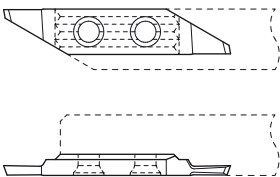
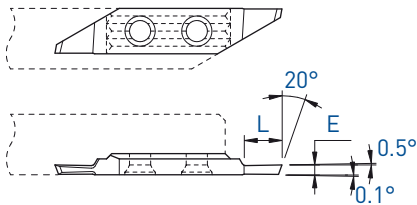


| A x B | L   | Serrage<br>Spannsystem<br>Clamping | Art. N°       |
|-------|-----|------------------------------------|---------------|
| 6 x 6 | 115 | A                                  | 710-6-NOVIBRA |
| 7 x 7 | 115 | A                                  | 710-7-NOVIBRA |
| 8 x 8 | 115 | A                                  | 710-8-NOVIBRA |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

L

R



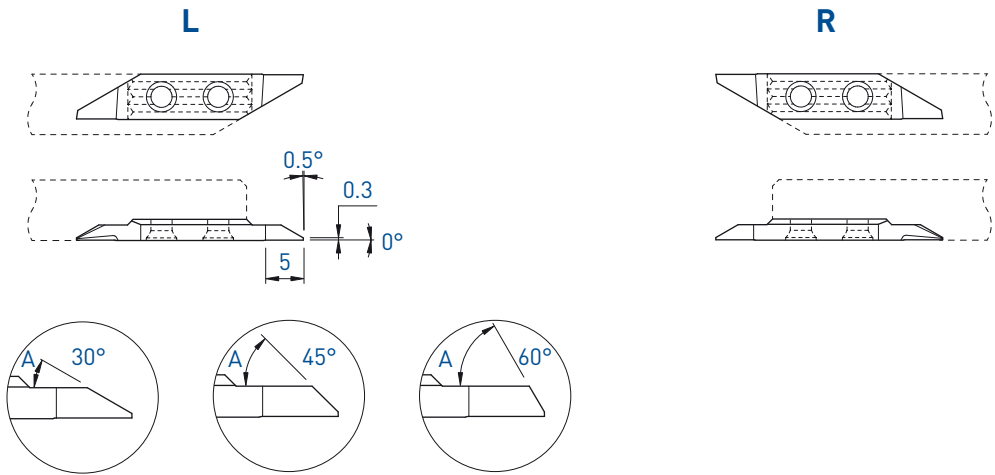
L

R

| E   | L   | Art. N° | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div></div><div></div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div></div><div></div><div>S</div></div> | Art. N° | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div></div><div></div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div></div><div></div><div>S</div></div> |
|-----|-----|---------|-------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------|---------|-------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------|
|     |     |         | TiAlN                                                       | TiN                                                         | N (µk20)                                                  | HTA                                                         | HTiN                                                        | HN (µk10)                                                 |         | TiAlN                                                       | TiN                                                         | N (µk20)                                                  | HTA                                                         | HTiN                                                        | HN (µk10)                                                 |
| 0.5 | 2   | 711-0.5 | ●                                                           | ●                                                           | ●                                                         | ●                                                           |                                                             |                                                           | -       |                                                             |                                                             |                                                           |                                                             |                                                             |                                                           |
| 0.8 | 3   | 711-0.8 | ●                                                           | ●                                                           | ●                                                         | ●                                                           | ●                                                           | ●                                                         | 721-0.8 | ●                                                           | ●                                                           | ●                                                         |                                                             |                                                             |                                                           |
| 0.9 | 3   | 711-0.9 | ●                                                           | ●                                                           | ●                                                         | ●                                                           | ●                                                           | ●                                                         | -       |                                                             |                                                             |                                                           |                                                             |                                                             |                                                           |
| 1.0 | 4   | 711-1.0 | ●                                                           | ●                                                           | ●                                                         | ●                                                           | ●                                                           | ●                                                         | 721-1.0 | ●                                                           | ●                                                           | ●                                                         | ●                                                           |                                                             | ●                                                         |
| 1.1 | 4   | 711-1.1 | ●                                                           | ●                                                           | ●                                                         | ●                                                           | ●                                                           | ●                                                         | -       |                                                             |                                                             |                                                           |                                                             |                                                             |                                                           |
| 1.2 | 5   | 711-1.2 | ●                                                           | ●                                                           | ●                                                         | ●                                                           | ●                                                           | ●                                                         | 721-1.2 | ●                                                           | ●                                                           | ●                                                         | ●                                                           |                                                             | ●                                                         |
| 1.3 | 5   | 711-1.3 | ●                                                           | ●                                                           | ●                                                         | ●                                                           | ●                                                           | ●                                                         | -       |                                                             |                                                             |                                                           |                                                             |                                                             |                                                           |
| 1.4 | 5   | 711-1.4 | ●                                                           | ●                                                           | ●                                                         |                                                             |                                                             |                                                           | -       |                                                             |                                                             |                                                           |                                                             |                                                             |                                                           |
| 1.5 | 6.5 | 711-1.5 | ●                                                           | ●                                                           | ●                                                         | ●                                                           | ●                                                           | ●                                                         | 721-1.5 | ●                                                           | ●                                                           | ●                                                         | ●                                                           |                                                             | ●                                                         |
| 1.8 | 6.5 | 711-1.8 | ●                                                           | ●                                                           | ●                                                         | ●                                                           |                                                             | ●                                                         | 721-1.8 | ●                                                           | ●                                                           | ●                                                         |                                                             |                                                             |                                                           |
| 2.0 | 6.5 | 711-2.0 | ●                                                           | ●                                                           | ●                                                         |                                                             |                                                             |                                                           | 721-2.0 | ●                                                           | ●                                                           | ●                                                         |                                                             |                                                             |                                                           |

Tournage avant  
Vorwärts drehen  
Front turning

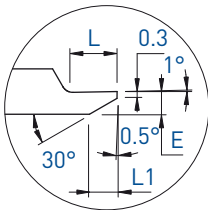
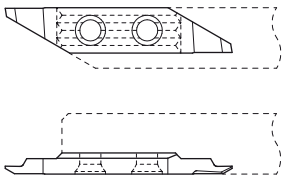
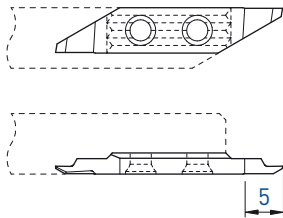
712 / 722



|     |         | L                                                                                  |                  |             |                  |                  |                  | R                                                                                   |                  |                  |                  |                  |                  |
|-----|---------|------------------------------------------------------------------------------------|------------------|-------------|------------------|------------------|------------------|-------------------------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|
|     |         |  |                  |             |                  |                  |                  |  |                  |                  |                  |                  |                  |
| A   | Art. N° | P<br>M<br>N<br>S                                                                   | P<br>M<br>N<br>S | P<br>N<br>S | P<br>M<br>N<br>S | P<br>M<br>N<br>S | P<br>M<br>N<br>S | P<br>M<br>N<br>S                                                                    | P<br>M<br>N<br>S | P<br>M<br>N<br>S | P<br>M<br>N<br>S | P<br>M<br>N<br>S | P<br>M<br>N<br>S |
|     |         | TiAlN                                                                              | TiN              | N (µk20)    | HTA              | HTiN             | HN (µk10)        | TiAlN                                                                               | TiN              | N (µk20)         | HTA              | HTiN             | HN (µk10)        |
| 30° | 712-30  | •                                                                                  | •                | •           | •                |                  | •                | 722-30                                                                              | •                | •                | •                | •                | •                |
| 45° | 712-45  | •                                                                                  | •                | •           | •                | •                | •                | 722-45                                                                              | •                | •                | •                | •                | •                |
| 60° | 712-60  | •                                                                                  | •                | •           | •                |                  | •                | 722-60                                                                              | •                | •                | •                | •                | •                |

L

R



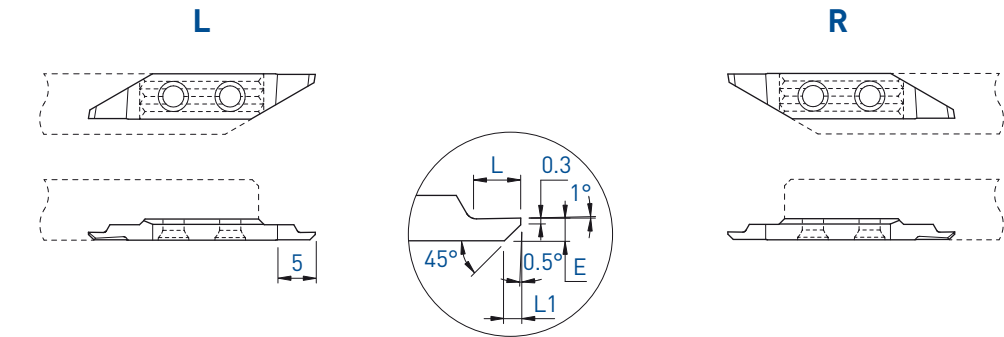
L

R

| E   | L   | L1   | Art. N°    | P     | P   | P        | P   | P    | P         | Art. N°    | P     | P   | P        | P   | P    | P         |
|-----|-----|------|------------|-------|-----|----------|-----|------|-----------|------------|-------|-----|----------|-----|------|-----------|
|     |     |      |            | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |            | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |
| 0.8 | 1.6 | 0.85 | 713-30-0.8 | ●     | ●   | ●        |     |      |           | 723-30-0.8 | ●     | ●   | ●        | ●   |      | ●         |
| 0.9 | 1.6 | 1.05 | 713-30-0.9 | ●     | ●   | ●        |     |      |           | -          |       |     |          |     |      |           |
| 1.0 | 2.0 | 1.2  | 713-30-1.0 | ●     | ●   | ●        | ●   | ●    | ●         | 723-30-1.0 | ●     | ●   | ●        | ●   |      | ●         |
| 1.1 | 2.0 | 1.4  | 713-30-1.1 | ●     | ●   | ●        |     |      |           | -          |       |     |          |     |      |           |
| 1.2 | 2.5 | 1.55 | 713-30-1.2 | ●     | ●   | ●        |     |      |           | 723-30-1.2 | ●     | ●   | ●        |     |      |           |
| 1.3 | 2.5 | 1.7  | 713-30-1.3 | ●     | ●   | ●        |     |      |           | -          |       |     |          |     |      |           |
| 1.4 | 3.0 | 1.9  | 713-30-1.4 | ●     | ●   | ●        |     |      |           | -          |       |     |          |     |      |           |
| 1.5 | 3.0 | 2.1  | 713-30-1.5 | ●     | ●   | ●        | ●   | ●    | ●         | 723-30-1.5 | ●     | ●   | ●        |     |      |           |
| 1.8 | 4.0 | 2.6  | 713-30-1.8 | ●     | ●   | ●        |     |      |           | 723-30-1.8 | ●     | ●   | ●        |     |      |           |
| 2.0 | 4.0 | 2.9  | 713-30-2.0 | ●     | ●   | ●        | ●   | ●    | ●         | 723-30-2.0 | ●     | ●   | ●        |     |      |           |

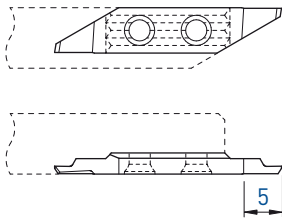
Tournage arrière  
Rückwärts drehen  
Back turning

713-45° / 723-45°

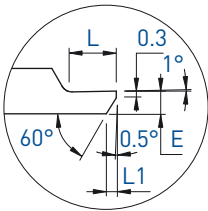
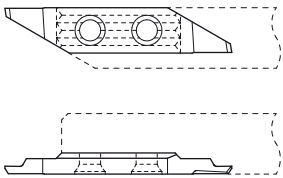


| L                                                                                 |                                |                          |                    |                                |                          |                          | R                                                                                  |                                |                          |                    |                                |                          |                          |
|-----------------------------------------------------------------------------------|--------------------------------|--------------------------|--------------------|--------------------------------|--------------------------|--------------------------|------------------------------------------------------------------------------------|--------------------------------|--------------------------|--------------------|--------------------------------|--------------------------|--------------------------|
|  |                                |                          |                    |                                |                          |                          |  |                                |                          |                    |                                |                          |                          |
|                                                                                   | <div>P<br/>M<br/>N<br/>S</div> | <div>P<br/>M<br/>N</div> | <div>P<br/>N</div> | <div>P<br/>M<br/>N<br/>S</div> | <div>P<br/>M<br/>N</div> | <div>P<br/>N<br/>S</div> |                                                                                    | <div>P<br/>M<br/>N<br/>S</div> | <div>P<br/>M<br/>N</div> | <div>P<br/>N</div> | <div>P<br/>M<br/>N<br/>S</div> | <div>P<br/>M<br/>N</div> | <div>P<br/>N<br/>S</div> |
| Art. N°                                                                           | TiAlN                          | TiN                      | N [µk20]           | HTA                            | HTiN                     | HN [µk10]                | Art. N°                                                                            | TiAlN                          | TiN                      | N [µk20]           | HTA                            | HTiN                     | HN [µk10]                |
| 713-45-0.8                                                                        | ●                              | ●                        | ●                  | ●                              |                          | ●                        | 723-45-0.8                                                                         | ●                              | ●                        | ●                  |                                |                          |                          |
| 713-45-0.9                                                                        | ●                              | ●                        | ●                  |                                |                          |                          | -                                                                                  |                                |                          |                    |                                |                          |                          |
| 713-45-1.0                                                                        | ●                              | ●                        | ●                  | ●                              |                          | ●                        | 723-45-1.0                                                                         | ●                              |                          | ●                  |                                |                          |                          |
| 713-45-1.1                                                                        | ●                              | ●                        | ●                  |                                |                          |                          | -                                                                                  |                                |                          |                    |                                |                          |                          |
| 713-45-1.2                                                                        | ●                              | ●                        | ●                  |                                |                          |                          | 723-45-1.2                                                                         | ●                              | ●                        | ●                  |                                |                          |                          |
| 713-45-1.3                                                                        | ●                              | ●                        | ●                  |                                |                          |                          | -                                                                                  |                                |                          |                    |                                |                          |                          |
| 713-45-1.4                                                                        | ●                              | ●                        | ●                  |                                |                          |                          | -                                                                                  |                                |                          |                    |                                |                          |                          |
| 713-45-1.5                                                                        | ●                              | ●                        | ●                  | ●                              | ●                        | ●                        | 723-45-1.5                                                                         | ●                              | ●                        | ●                  |                                |                          |                          |
| 713-45-1.8                                                                        | ●                              | ●                        | ●                  |                                |                          |                          | 723-45-1.8                                                                         | ●                              |                          | ●                  |                                |                          |                          |
| 713-45-2.0                                                                        | ●                              | ●                        | ●                  |                                |                          |                          | 723-45-2.0                                                                         | ●                              | ●                        | ●                  |                                |                          |                          |

L



R



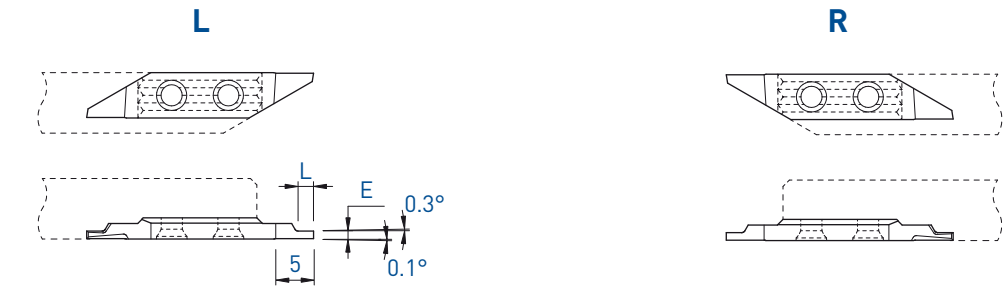
L

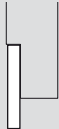
R

| E   | L   | L1   | Art. N°    | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div></div><div></div><div>S</div></div> | Art. N°    | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div></div><div></div><div>S</div></div> |  |  |  |  |
|-----|-----|------|------------|-------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------|------------|-------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------|--|--|--|--|
|     |     |      |            | TiAlN                                                       | TiN                                                         | N (µk20)                                                  |            | TiAlN                                                       | TiN                                                         | N (µk20)                                                  |  |  |  |  |
|     |     |      |            |                                                             |                                                             |                                                           |            |                                                             |                                                             |                                                           |  |  |  |  |
|     |     |      |            |                                                             |                                                             |                                                           |            |                                                             |                                                             |                                                           |  |  |  |  |
| 0.8 | 1.6 | 0.3  | 713-60-0.8 | ●                                                           | ●                                                           | ●                                                         | 723-60-0.8 | ●                                                           | ●                                                           | ●                                                         |  |  |  |  |
| 0.9 | 1.6 | 0.35 | 713-60-0.9 | ●                                                           | ●                                                           | ●                                                         | -          |                                                             |                                                             |                                                           |  |  |  |  |
| 1.0 | 2.0 | 0.4  | 713-60-1.0 | ●                                                           | ●                                                           | ●                                                         | 723-60-1.0 | ●                                                           |                                                             | ●                                                         |  |  |  |  |
| 1.1 | 2.0 | 0.45 | 713-60-1.1 | ●                                                           | ●                                                           | ●                                                         | -          |                                                             |                                                             |                                                           |  |  |  |  |
| 1.2 | 2.5 | 0.5  | 713-60-1.2 | ●                                                           | ●                                                           | ●                                                         | 723-60-1.2 | ●                                                           |                                                             | ●                                                         |  |  |  |  |
| 1.3 | 2.5 | 0.6  | 713-60-1.3 | ●                                                           | ●                                                           | ●                                                         | -          |                                                             |                                                             |                                                           |  |  |  |  |
| 1.4 | 3.0 | 0.65 | 713-60-1.4 | ●                                                           | ●                                                           | ●                                                         | -          |                                                             |                                                             |                                                           |  |  |  |  |
| 1.5 | 3.0 | 0.7  | 713-60-1.5 | ●                                                           | ●                                                           | ●                                                         | 723-60-1.5 | ●                                                           | ●                                                           | ●                                                         |  |  |  |  |
| 1.8 | 4.0 | 0.9  | 713-60-1.8 | ●                                                           | ●                                                           | ●                                                         | 723-60-1.8 | ●                                                           |                                                             | ●                                                         |  |  |  |  |
| 2.0 | 4.0 | 1.0  | 713-60-2.0 | ●                                                           | ●                                                           | ●                                                         | 723-60-2.0 | ●                                                           | ●                                                           | ●                                                         |  |  |  |  |

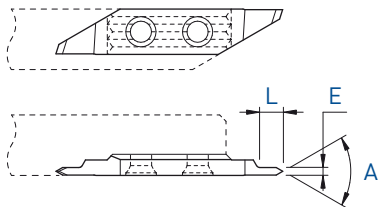
Fonçage-tournage  
Einstechen und drehen  
Grooving and turning

714 / 724

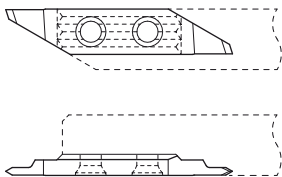


|     |     | <div>L</div>  |                                                                   |                                                                 |                                                          |                                                                 |                                                                  |                                                           | <div>R</div>  |                                                                   |                                                                 |                                                          |                                                                 |                                                                  |                                                           |
|-----|-----|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------|
| E   | L   | Art. N°                                                                                        | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> TiAlN | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> TiN | <div><div>P</div><div>N</div><div>S</div></div> N [µk20] | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> HTA | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> HTiN | <div><div>P</div><div>N</div><div>S</div></div> HN [µk10] | Art. N°                                                                                         | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> TiAlN | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> TiN | <div><div>P</div><div>N</div><div>S</div></div> N [µk20] | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> HTA | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> HTiN | <div><div>P</div><div>N</div><div>S</div></div> HN [µk10] |
| 0.5 | 1.0 | 714-0.5                                                                                        | ●                                                                 | ●                                                               | ●                                                        |                                                                 |                                                                  |                                                           | 724-0.5                                                                                         | ●                                                                 | ●                                                               | ●                                                        | ●                                                               |                                                                  | ●                                                         |
| 0.6 | 1.0 | 714-0.6                                                                                        | ●                                                                 | ●                                                               | ●                                                        |                                                                 |                                                                  |                                                           | 724-0.6                                                                                         | ●                                                                 | ●                                                               | ●                                                        |                                                                 |                                                                  |                                                           |
| 0.7 | 1.5 | 714-0.7                                                                                        | ●                                                                 | ●                                                               | ●                                                        |                                                                 |                                                                  |                                                           | 724-0.7                                                                                         | ●                                                                 | ●                                                               | ●                                                        |                                                                 |                                                                  |                                                           |
| 0.8 | 1.5 | 714-0.8                                                                                        | ●                                                                 | ●                                                               | ●                                                        | ●                                                               | ●                                                                | ●                                                         | 724-0.8                                                                                         | ●                                                                 | ●                                                               | ●                                                        |                                                                 |                                                                  |                                                           |
| 0.9 | 2.0 | 714-0.9                                                                                        | ●                                                                 | ●                                                               | ●                                                        |                                                                 |                                                                  |                                                           | 724-0.9                                                                                         | ●                                                                 |                                                                 | ●                                                        |                                                                 |                                                                  |                                                           |
| 1.0 | 2.0 | 714-1.0                                                                                        | ●                                                                 | ●                                                               | ●                                                        | ●                                                               | ●                                                                | ●                                                         | 724-1.0                                                                                         | ●                                                                 | ●                                                               | ●                                                        |                                                                 |                                                                  |                                                           |
| 1.1 | 2.0 | 714-1.1                                                                                        | ●                                                                 | ●                                                               | ●                                                        |                                                                 |                                                                  |                                                           | 724-1.1                                                                                         | ●                                                                 |                                                                 | ●                                                        |                                                                 |                                                                  |                                                           |
| 1.2 | 2.5 | 714-1.2                                                                                        | ●                                                                 | ●                                                               | ●                                                        |                                                                 |                                                                  |                                                           | 724-1.2                                                                                         | ●                                                                 |                                                                 | ●                                                        |                                                                 |                                                                  |                                                           |
| 1.3 | 2.5 | 714-1.3                                                                                        | ●                                                                 | ●                                                               | ●                                                        |                                                                 |                                                                  |                                                           | 724-1.3                                                                                         | ●                                                                 | ●                                                               | ●                                                        |                                                                 |                                                                  |                                                           |
| 1.4 | 3.0 | 714-1.4                                                                                        | ●                                                                 | ●                                                               | ●                                                        |                                                                 |                                                                  |                                                           | 724-1.4                                                                                         | ●                                                                 |                                                                 | ●                                                        |                                                                 |                                                                  |                                                           |
| 1.5 | 3.0 | 714-1.5                                                                                        | ●                                                                 | ●                                                               | ●                                                        | ●                                                               | ●                                                                | ●                                                         | 724-1.5                                                                                         | ●                                                                 | ●                                                               | ●                                                        |                                                                 |                                                                  |                                                           |

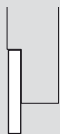
L



R



L



R

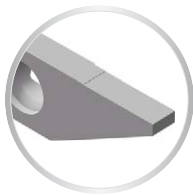
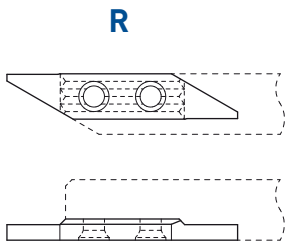
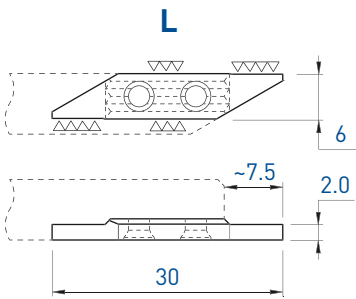


| A   | E   | L | Art. N°    | P     | P   | P        | Art. N°    | P | P | P |
|-----|-----|---|------------|-------|-----|----------|------------|---|---|---|
|     |     |   |            | M     | M   |          |            | M | M |   |
|     |     |   |            | N     | N   |          |            | N | N |   |
|     |     |   |            | S     |     | S        |            | S |   | S |
|     |     |   |            | TiAlN | TiN | N (µk20) |            |   |   |   |
| 60° | 1.0 | 3 | 716-60-1.0 | ●     | ●   | ●        | 726-60-1.0 | ● | ● | ● |
| 60° | 1.5 | 4 | 716-60-1.5 | ●     | ●   | ●        | 726-60-1.5 | ● | ● | ● |
|     |     |   |            |       |     |          |            |   |   |   |
| 55° | 1.0 | 3 | 716-55-1.0 | ●     | ●   | ●        | 726-55-1.0 | ● |   | ● |
| 55° | 1.5 | 4 | 716-55-1.5 | ●     | ●   | ●        | 726-55-1.5 | ● |   | ● |



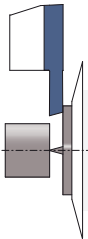
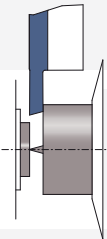
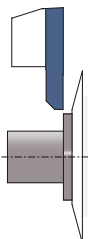
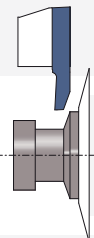
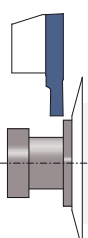
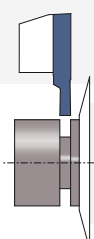
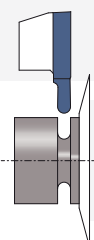
Plaquettes ébauches  
WSP-Rohlinge  
Blank inserts

711-EP / 721-EP



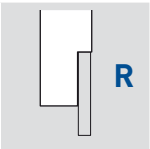
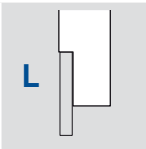
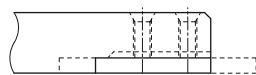
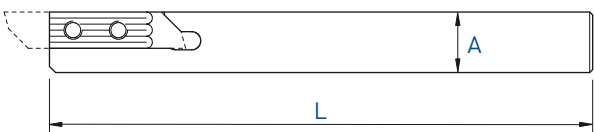
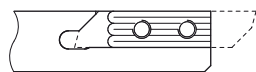
| <b>L</b> |       |     |          |     |      |           | <b>R</b> |       |     |          |     |      |           |
|----------|-------|-----|----------|-----|------|-----------|----------|-------|-----|----------|-----|------|-----------|
| Art. N°  | P     | P   | P        | P   | P    | P         | Art. N°  | P     | P   | P        | P   | P    | P         |
|          | M     | M   |          | M   | M    |           |          | M     | M   |          | M   | M    |           |
|          | N     | N   |          | N   | N    | N         |          | N     | N   |          | N   | N    | N         |
|          | S     |     | S        | S   |      | S         |          | S     |     | S        | S   |      | S         |
|          | TiAlN | TiN | N [µk20] | HTA | HTiN | HN [µk10] |          | TiAlN | TiN | N [µk20] | HTA | HTiN | HN [µk10] |
| 711-EP   | •     | •   | •        | •   | •    | •         | 721-EP   | •     | •   | •        | •   | •    | •         |

| L    |             |           | R    |             |           |
|------|-------------|-----------|------|-------------|-----------|
| Type |             | Page      | Type |             | Page      |
| 730  | 730         | 1.36      | 740  | 740         | 1.36      |
|      | 730-JET     | 1.37      |      | 740-C       | 1.38      |
|      | 730-NOVIBRA | 1.40      |      | 740-D-JET   | 1.42      |
|      | 730RC       | 1.39      |      | 740-JET     | 1.37      |
| 731  | 731         | 1.43      |      | 740-NOVIBRA | 1.40      |
|      | 731-E       | 1.88      |      | 740/730-D   | 1.41      |
|      | 731-EP      | 1.89      | 741  | 741         | 1.43      |
|      | 731N        | 1.49/1.57 |      | 741-E       | 1.88      |
|      | 731R        | 1.51      |      | 741-EP      | 1.89      |
|      | 731R-PCD    | 1.58      |      | 741-PCD     | 1.50      |
|      | 731RU       | 1.56      |      | 741L        | 1.51      |
|      | 731RX12     | 1.54      |      | 741LX12     | 1.54      |
|      | 731RX25     | 1.55      |      | 741LX25     | 1.55      |
|      | 731RX4      | 1.52      |      | 741LX4      | 1.52      |
|      | 731RXF      | 1.53      |      | 741LXF      | 1.53      |
|      | 731U        | 1.48      |      | 741N        | 1.49/1.57 |
|      | 731X12      | 1.46      |      | 741U        | 1.48      |
|      | 731X25      | 1.47      |      | 741X12      | 1.46      |
|      | 731X4       | 1.44      |      | 741X25      | 1.47      |
|      | 731XF       | 1.45      |      | 741X4       | 1.44      |
| 732  | 732         | 1.59      |      | 741XF       | 1.45      |
|      | 732PX       | 1.60      | 742  | 742         | 1.59      |
|      | 732X        | 1.61      |      | 742-PCD     | 1.64      |
| 733  | 733         | 1.65      |      | 742PX       | 1.60      |
|      | 733P        | 1.73      |      | 742VUX      | 1.62      |
|      | 733VX-15°   | 1.70      |      | 742X        | 1.61      |
|      | 733VX-8°    | 1.68      |      | 742ZF-X     | 1.63      |
|      | 733VX-805   | 1.69      | 743  | 743         | 1.65      |
|      | 733X        | 1.66      |      | 743-PCD     | 1.74      |
|      | 733ZX       | 1.72      |      | 743P        | 1.73      |
| 734  | 734         | 1.75      |      | 743VX-15°   | 1.70      |
|      | 734VS       | 1.76      |      | 743VX-8°    | 1.68      |
|      | 734X        | 1.77      |      | 743VX-805   | 1.69      |
|      | 734ZX       | 1.78      |      | 743VUX      | 1.71      |
| 735  | 735         | 1.82      |      | 743VUX8     | 1.67      |
|      | 735X-90     | 1.83      |      | 743X        | 1.66      |
| 736  | 736         | 1.84      |      | 743ZX       | 1.72      |
|      | 736-A60°    | 1.85      | 744  | 744         | 1.75      |
|      | 736-M       | 1.86      |      | 744-PCD     | 1.81      |
| 737  | 737         | 1.87      |      | 744VS       | 1.76      |
|      |             |           |      | 744X        | 1.77      |
|      |             |           |      | 744ZF-X     | 1.80      |
|      |             |           |      | 744ZX       | 1.78      |
|      |             |           |      | 744ZXT      | 1.79      |
|      |             |           | 745  | 745         | 1.82      |
|      |             |           |      | 745X-90     | 1.83      |
|      |             |           | 746  | 746         | 1.84      |
|      |             |           |      | 746-A60°    | 1.85      |
|      |             |           |      | 746-M       | 1.86      |
|      |             |           | 747  | 747         | 1.87      |

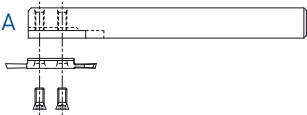
|                                                                                     |                                                                                       |                                                                                                                      |        |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------|
|                                                                                     |                                                                                       | <b>730 / 740</b><br>Porte-outils<br>Halter<br>Holders                                                                | > 1.36 |
|    | <b>731 / 741</b><br>Tronçonnage<br>Abstechen<br>Parting off                           |                                                                                                                      | > 1.43 |
|                                                                                     |      | <b>741L / 731R</b><br>Tronçonnage - coupe déportée<br>Abstechen - versetztes Schneiden<br>Parting off - cut off line | > 1.51 |
|    | <b>732 / 742</b><br>Tournage avant<br>Vorwärts drehen<br>Front turning                |                                                                                                                      | > 1.59 |
|                                                                                     |      | <b>733 / 743</b><br>Tournage arrière<br>Rückwärts drehen<br>Back turning                                             | > 1.65 |
|   | <b>734 / 744</b><br>Fonçage-tournage<br>Einstechen und drehen<br>Grooving and turning |                                                                                                                      | > 1.75 |
|                                                                                     |     | <b>735 / 745</b><br>Gorges<br>Einstechen<br>Grooving                                                                 | > 1.82 |
|  | <b>736 / 746</b><br>Filetage<br>Gewinde drehen<br>Threading                           |                                                                                                                      | > 1.84 |
|                                                                                     |    | <b>737 / 747</b><br>Plaquettes à rayon<br>Radius Wendeplatten<br>Radius inserts                                      | > 1.87 |
| Plaquettes ébauches<br>WSP-Rohlinge<br>Blank inserts                                |                                                                                       |                                                                                                                      | > 1.88 |

L

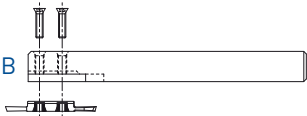
R



Serrage standard A  
Standard Spannsystem A  
Standard clamping system A



Serrage B  
Spannsystem B  
Clamping system B

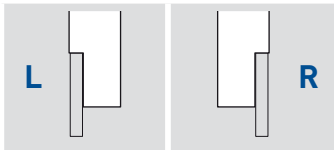
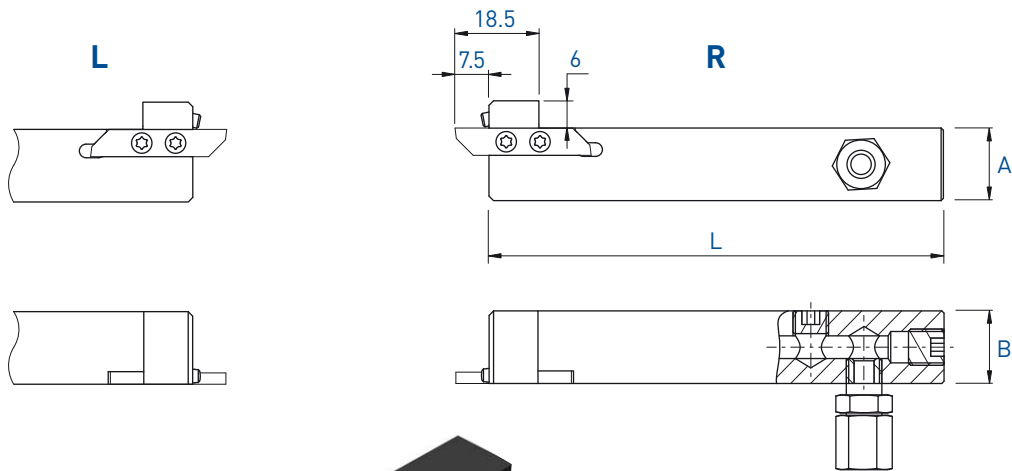


| A x B       | L   | Serrage<br>Spannsystem<br>Clamping | Art. N°   | Art. N°   |
|-------------|-----|------------------------------------|-----------|-----------|
| 7 x 7       | 115 | A                                  | 730-7     | 740-7     |
| 8 x 8       | 115 | A + B                              | 730-8     | 740-8     |
| 8 x 8       | 140 | A + B                              | 730-8-140 | -         |
| 9.52 x 9.52 | 115 | A + B                              | 730-9.52  | 740-9.52  |
| 10 x 10     | 115 | A + B                              | 730-10    | 740-10    |
| 10 x 10     | 50  | A + B                              | 730-10-50 | 740-10-50 |
| 12 x 12     | 130 | A + B                              | 730-12    | 740-12    |
| 12 x 12     | 90  | A + B                              | 730-12-90 | 740-12-90 |
| 12.7 x 12.7 | 130 | A + B                              | 730-12.7  | 740-12.7  |
| 16 x 16     | 130 | A + B                              | 730-16    | 740-16    |
| 16 x 16     | 75  | A + B                              | 730-16-75 | 740-16-75 |
| 20 x 20     | 120 | A + B                              | 730-20    | 740-20    |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

Porte-outils avec arrosage intégré  
Halter mit integrierter Kühlmittelzufuhr  
Holders with integrated coolant supply

730-JET / 740-JET



| A x B       | L   | Serrage<br>Spannsystem<br>Clamping | Art. N°      | Art. N°         |
|-------------|-----|------------------------------------|--------------|-----------------|
| 8 x 10      | 100 | A + B                              | -            | 740-0810-JET    |
| 10 x 12     | 100 | A + B                              | 730-1012-JET | 740-1012-JET    |
| 10 x 12     | 80  | A + B                              | -            | 740-1012-80-JET |
| 12 x 12     | 100 | A + B                              | 730-12-JET   | 740-12-JET      |
| 12.7 x 12.7 | 100 | A + B                              | 730-12.7-JET | 740-12.7-JET    |
| 16 x 16     | 100 | A + B                              | 730-16-JET   | 740-16-JET      |
| 20 x 20     | 100 | A + B                              | 730-20-JET   | 740-20-JET      |



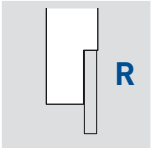
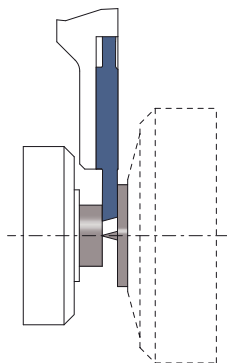
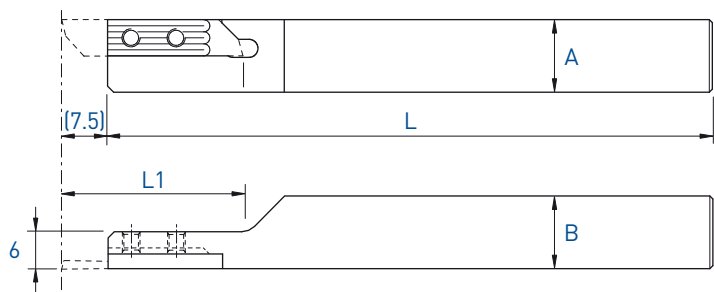
Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.

Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.

Each holder is supplied with one or more screws. The keys must be ordered separately.

| Pièces de rechange<br>Ersatzteile<br>Spare parts | Art. N°   | Art. N° | Buses<br>Düsen<br>Nozzles | Option                      |
|--------------------------------------------------|-----------|---------|---------------------------|-----------------------------|
| 740-0810-JET                                     | J-M5-D5   | JB-M5   | -                         | JC-M5-D5                    |
| 730-JET / 740-JET                                | J-M8X1-D6 | JB-M8X1 | JJ-M3X6-D1.5              | -                           |
|                                                  |           |         |                           | More option<br>see JET-Line |

R



| A x B       | L   | L1 | Serrage<br>Spannsystem<br>Clamping | Art. N°    |
|-------------|-----|----|------------------------------------|------------|
| 8 x 8       | 115 | 24 | A                                  | 740-C-8    |
| 10 x 10     | 115 | 24 | A                                  | 740-C-10   |
| 12 x 12     | 130 | 30 | A                                  | 740-C-12   |
| 12.7 x 12.7 | 130 | 30 | A                                  | 740-C-12.7 |
| 16 x 16     | 130 | 40 | A                                  | 740-C-16   |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

Porte-outils

Halter  
Holders

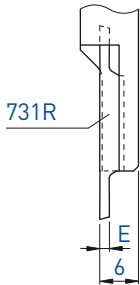
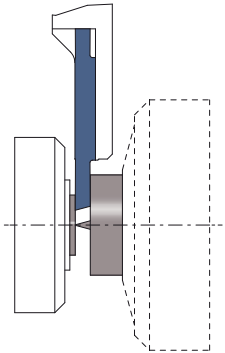
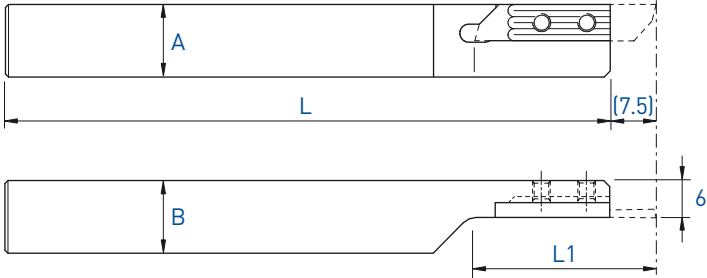
Coupe à droite déportée

Versetztes Rechtsschneiden  
Right cut off line

730RC

Utiliser des plaquettes type 731R  
WSP Typ 731R verwenden  
Use inserts type 731R

Voir pages 1.51 - 1.58  
Siehe Seiten 1.51 - 1.58  
See pages 1.51 - 1.58



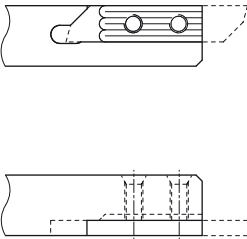
| L (R)                                                                       |     |    |            |
|-----------------------------------------------------------------------------|-----|----|------------|
| Coupe à droite déportée<br>Versetztes Rechtsschneiden<br>Right cut off line |     |    |            |
| A x B                                                                       | L   | L1 | Art. N°    |
| 8 x 8                                                                       | 115 | 24 | 730RC-8    |
| 10 x 10                                                                     | 115 | 24 | 730RC-10   |
| 12 x 12                                                                     | 130 | 30 | 730RC-12   |
| 12.7 x 12.7                                                                 | 130 | 30 | 730RC-12.7 |
| 16 x 16                                                                     | 130 | 40 | 730RC-16   |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

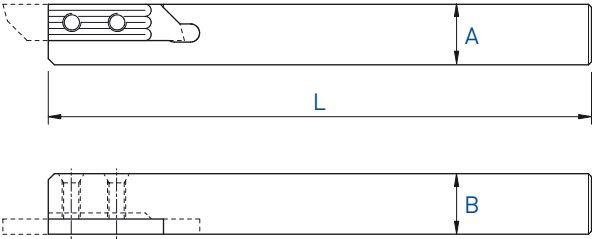
730-NOVIBRA  
740-NOVIBRA

Porte-outils en métal lourd anti-vibratoire  
Schwingungsdämpfende Schwermetallhalter  
Low vibration heavy metal holders

L



R



L



R



| A x B   | L   | Serrage<br>Spannsystem<br>Clamping | Art. N°       | Art. N°          |
|---------|-----|------------------------------------|---------------|------------------|
| 7 x 7   | 115 | A                                  | 730-7-NOVIBRA | 740-7-NOVIBRA    |
| 8 x 8   | 115 | A + B                              | 730-8-NOVIBRA | 740-8-NOVIBRA    |
| 8 x 8   | 80  | A + B                              | -             | 740-8-80-NOVIBRA |
| 10 x 10 | 115 | A + B                              | -             | 740-10-NOVIBRA   |
| 12 x 12 | 130 | A + B                              | -             | 740-12-NOVIBRA   |

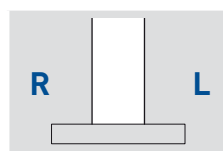
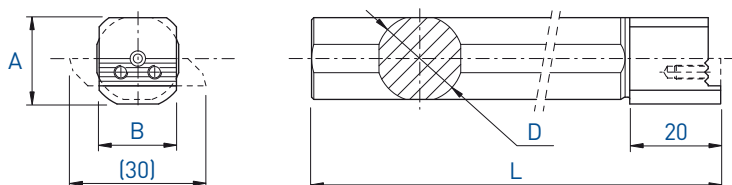
Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.



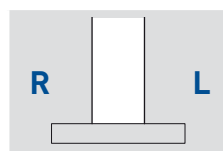
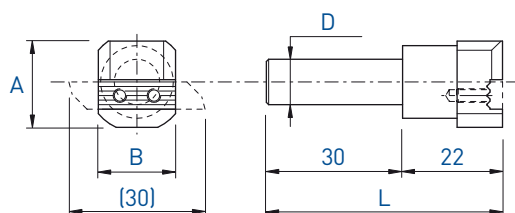
## Porte-outils

Halter  
Holders

740 / 730-D



| A x B     | L   | D     | Art. N°                 |
|-----------|-----|-------|-------------------------|
| 19 x 17   | 160 | 16    | <b>740/730-D16</b>      |
| 19 x 17   | 160 | 19.05 | <b>740/730-D19.05</b>   |
| 19 x 17   | 110 | 19.05 | <b>740/730-D19.05-S</b> |
| 19.5 x 17 | 160 | 20    | <b>740/730-D20</b>      |
| 20 x 17   | 110 | 22    | <b>740/730-D22</b>      |
| 22 x 17   | 200 | 25    | <b>740/730-D25</b>      |
| 22 x 17   | 200 | 25.4  | <b>740/730-D25.4</b>    |

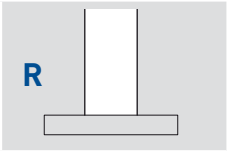
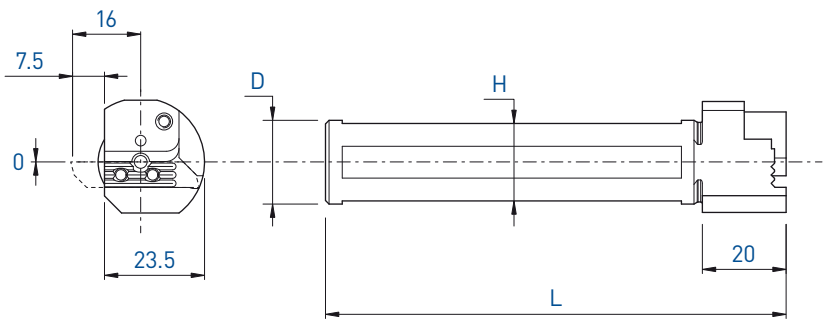


| A x B   | L  | D  | Art. N°            |
|---------|----|----|--------------------|
| 19 x 17 | 52 | 10 | <b>740/730-D10</b> |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
 Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
 Each holder is supplied with one or more screws. The keys must be ordered separately.

740-D-JET

Porte-outil frontal avec arrosage intégré  
Frontaler Halter mit integrierter Kühlmittelzufuhr  
Front holder with integrated coolant supply



| D     | H  | L   | Art. N°            |
|-------|----|-----|--------------------|
| 16    | 15 | 160 | 740-D16-160-JET    |
| 19.05 | 18 | 160 | 740-D19.05-160-JET |
| 19.05 | 18 | 110 | 740-D19.05-110-JET |
| 20    | 19 | 110 | 740-D20-110-JET    |
| 22    | 20 | 110 | 740-D22-110-JET    |
| 25    | 24 | 200 | 740-D25-200-JET    |
| 25.4  | 24 | 200 | 740-D25.4-200-JET  |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

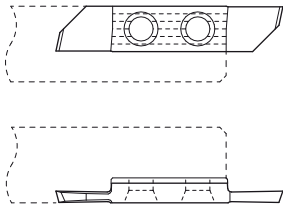
Tronçonnage

Abstechen

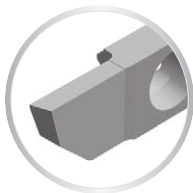
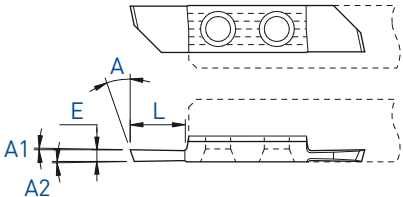
Parting off

731 / 741

L



R



L

R

| E   | A   | A1   | A2   | L | Art. N° | P | M | N | S | TiAlN | TiAlX | TiN | N (µk20) | HTA | HTiN | HN (µk10) | Art. N° | P | M | N | S | TiAlN | TiAlX | TiN | N (µk20) | HTA | HTiN | HN (µk10) | KST | KN (µk10-20) |
|-----|-----|------|------|---|---------|---|---|---|---|-------|-------|-----|----------|-----|------|-----------|---------|---|---|---|---|-------|-------|-----|----------|-----|------|-----------|-----|--------------|
|     |     |      |      |   |         | P | M | N | S |       |       |     |          |     |      |           |         | P | M | N | S |       |       |     |          |     |      |           |     |              |
| 0.6 | 18° | 2.5° | 0.5° | 3 | 731-0.6 | • | • | • | • | •     | •     | •   | •        | •   | •    | •         | 741-0.6 | • | • | • | • | •     | •     | •   | •        | •   | •    | •         | •   | •            |
| 0.8 | 20° | 0.3° | 0.3° | 5 | 731-0.8 | • | • | • | • | •     | •     | •   | •        | •   | •    | •         | 741-0.8 | • | • | • | • | •     | •     | •   | •        | •   | •    | •         | •   | •            |
| 1.0 | 20° | 0.3° | 0.3° | 5 | 731-1.0 | • | • | • | • | •     | •     | •   | •        | •   | •    | •         | 741-1.0 | • | • | • | • | •     | •     | •   | •        | •   | •    | •         | •   | •            |
| 1.2 | 20° | 0.3° | 0.3° | 5 | 731-1.2 | • | • | • | • | •     | •     | •   | •        | •   | •    | •         | 741-1.2 | • | • | • | • | •     | •     | •   | •        | •   | •    | •         | •   | •            |
| 1.5 | 20° | 0.3° | 0.3° | 7 | 731-1.5 | • | • | • | • | •     | •     | •   | •        | •   | •    | •         | 741-1.5 | • | • | • | • | •     | •     | •   | •        | •   | •    | •         | •   | •            |
| 1.8 | 20° | 0.3° | 0.3° | 7 | 731-1.8 | • | • | • | • | •     | •     | •   | •        | •   | •    | •         | 741-1.8 | • | • | • | • | •     | •     | •   | •        | •   | •    | •         | •   | •            |
| 2.0 | 20° | 0.3° | 0.3° | 7 | 731-2.0 | • | • | • | • | •     | •     | •   | •        | •   | •    | •         | 741-2.0 | • | • | • | • | •     | •     | •   | •        | •   | •    | •         | •   | •            |
| 2.5 | 20° | 0.3° | 0.3° | 7 | 731-2.5 | • | • | • | • | •     | •     | •   | •        | •   | •    | •         | 741-2.5 | • | • | • | • | •     | •     | •   | •        | •   | •    | •         | •   | •            |

7XX-XX-B



Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

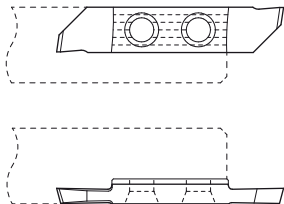
731X4 / 741X4

Tronçonnage

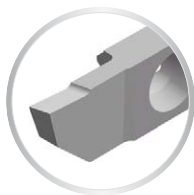
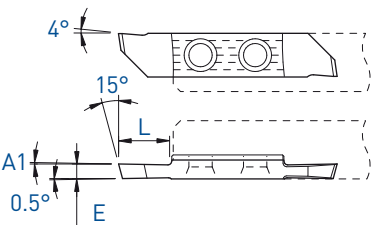
Abstechen

Parting off

L



R



L



R



| E   | A1   | L | Art. N°   | P     | P   | P        | P   | P    | Art. N°   | P | P | P | P | P   | P    | P         | P   | P            |
|-----|------|---|-----------|-------|-----|----------|-----|------|-----------|---|---|---|---|-----|------|-----------|-----|--------------|
|     |      |   |           | M     | M   |          | M   | M    |           |   | M | M | M |     | M    | M         |     | M            |
|     |      |   |           | N     | N   |          | N   | N    |           |   | N | N | N |     | N    | N         |     | N            |
|     |      |   |           | S     |     | S        | S   |      |           | S | S | S |   | S   |      | S         | S   | S            |
|     |      |   |           | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |   |   |   |   | HTA | HTiN | HN (µk10) | KST | KN (µk10-20) |
| 0.6 | 2.5° | 3 | 731X4-0.6 | ●     |     | ●        | ●   |      | 741X4-0.6 | ● | ● |   | ● |     | ●    |           |     |              |
| 0.8 | 0.5° | 4 | -         |       |     |          |     |      | 741X4-0.8 |   |   |   | ● |     | ●    |           |     |              |
| 1.0 | 0.5° | 5 | 731X4-1.0 | ●     | ●   | ●        |     |      | 741X4-1.0 | ● | ● | ● | ● | ●   | ●    | ●         | ●   |              |
| 1.5 | 0.5° | 7 | 731X4-1.5 | ●     | ●   | ●        | ●   |      | 741X4-1.5 | ● | ● | ● | ● | ●   | ●    |           | ●   |              |
| 2.0 | 0.5° | 7 | 731X4-2.0 | ●     | ●   | ●        |     |      | 741X4-2.0 | ● | ● | ● | ● |     |      |           |     |              |

7XX-XX-B



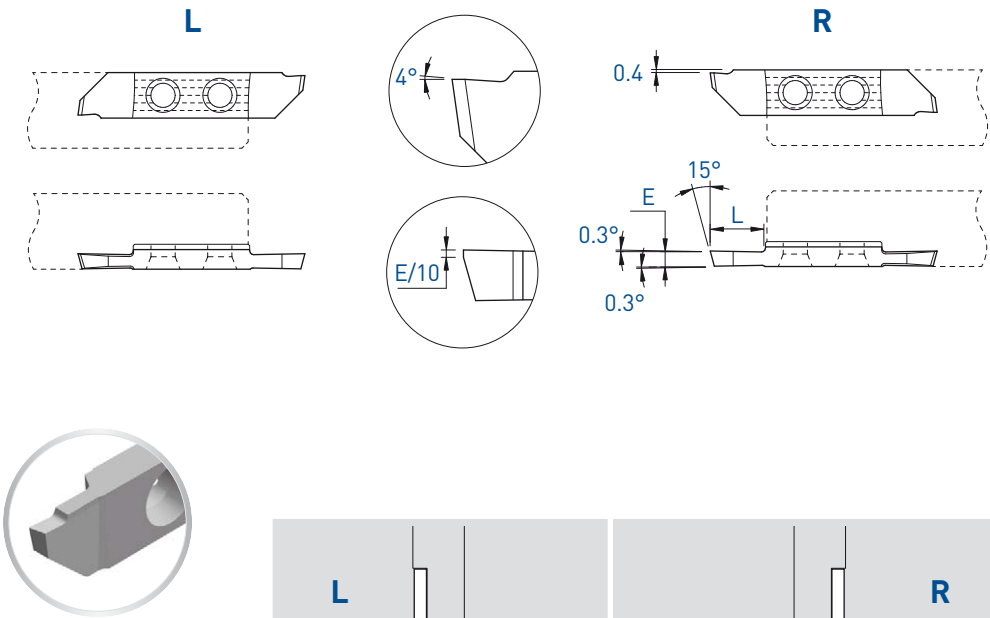
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Tronçonnage

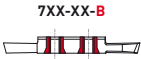
Abstechen

Parting off

731XF / 741XF



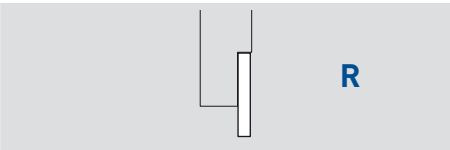
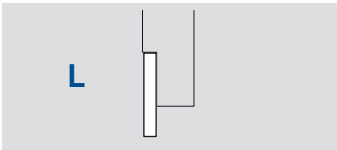
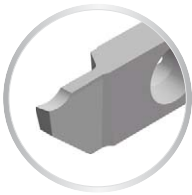
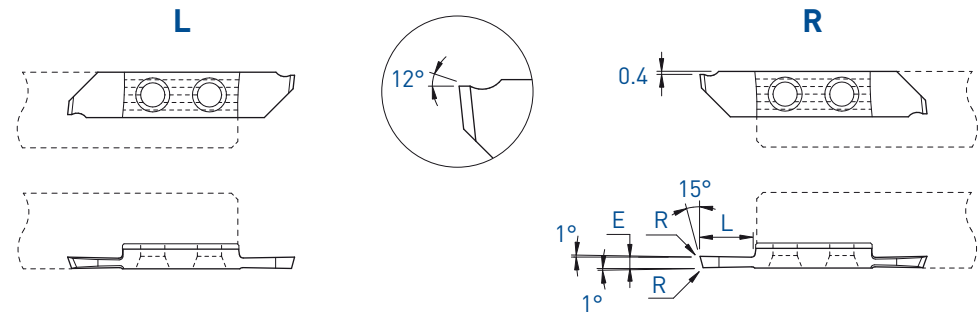
|     |   | L                                                                                 |              |              |              |              |              | R                                                                                 |           |              |              |              |              |              |              |              |     |              |
|-----|---|-----------------------------------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|-----------------------------------------------------------------------------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----|--------------|
|     |   |  |              |              |              |              |              |  |           |              |              |              |              |              |              |              |     |              |
| E   | L | Art. N°                                                                           | <div>P</div> | <div>P</div> | <div>P</div> | <div>P</div> | <div>P</div> | <div>P</div>                                                                      | Art. N°   | <div>P</div> | <div>P</div> | <div>P</div> | <div>P</div> | <div>P</div> | <div>P</div> |              |     |              |
|     |   |                                                                                   | <div>M</div> | <div>M</div> | <div></div>  | <div></div>  | <div>M</div> | <div>M</div>                                                                      |           | <div></div>  | <div>M</div> | <div>M</div> | <div></div>  | <div></div>  | <div>M</div> | <div>M</div> |     |              |
|     |   |                                                                                   | <div>N</div> | <div>N</div> | <div></div>  | <div></div>  | <div>N</div> | <div>N</div>                                                                      |           | <div>N</div> | <div>N</div> | <div></div>  | <div></div>  | <div>N</div> | <div>N</div> |              |     |              |
|     |   |                                                                                   | <div>S</div> | <div></div>  | <div>S</div> | <div></div>  | <div>S</div> | <div></div>                                                                       |           | <div>S</div> | <div></div>  | <div>S</div> | <div></div>  | <div>S</div> | <div>S</div> |              |     |              |
|     |   |                                                                                   | TiAlN        | TiN          | N [µk20]     |              | HTA          | HTiN                                                                              | HN [µk10] |              | TiAlN        | TiN          | N [µk20]     | HTA          | HTiN         | HN [µk10]    | KST | KN [µk10-20] |
| 1.2 | 5 | -                                                                                 |              |              |              |              |              |                                                                                   |           | 741XF-1.2    | ●            |              | ●            |              |              |              |     |              |
| 1.5 | 7 | 731XF-1.5                                                                         | ●            | ●            | ●            |              | ●            | ●                                                                                 | ●         | 741XF-1.5    | ●            | ●            | ●            | ●            | ●            | ●            | ●   | ●            |
| 2.0 | 7 | 731XF-2.0                                                                         | ●            | ●            | ●            |              |              |                                                                                   |           | 741XF-2.0    | ●            | ●            | ●            | ●            | ●            | ●            | ●   | ●            |
| 2.5 | 7 | 731XF-2.5                                                                         | ●            | ●            | ●            |              |              |                                                                                   |           | 741XF-2.5    | ●            | ●            | ●            |              |              |              |     |              |



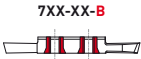
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

731X12 / 741X12

Tronçonnage  
Abstechen  
Parting off



| E   | L | R    | Art. N°    | P     | P   | P        | P   | P    | P         | Art. N°    | P     | P     | P   | P        | P   | P    | P         | P   |
|-----|---|------|------------|-------|-----|----------|-----|------|-----------|------------|-------|-------|-----|----------|-----|------|-----------|-----|
|     |   |      |            | M     | M   |          | M   | M    |           |            | M     | M     | M   |          | M   | M    |           | M   |
|     |   |      |            | N     | N   |          | N   | N    | N         |            | N     |       | N   |          | N   | N    | N         | N   |
|     |   |      |            | S     |     | S        | S   |      | S         |            | S     | S     |     | S        |     | S    | S         | S   |
|     |   |      |            | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |            | TiAlN | TiAlX | TiN | N (µk20) | HTA | HTiN | HN (µk10) | KST |
| 0.5 | 3 | 0.03 | -          |       |     |          |     |      |           | 741X12-0.5 |       |       |     |          | •   |      | •         |     |
| 1.0 | 5 | 0.03 | 731X12-1.0 | •     | •   | •        |     |      |           | 741X12-1.0 | •     | •     | •   | •        | •   |      | •         | •   |
| 1.5 | 7 | 0.03 | 731X12-1.5 | •     | •   | •        |     |      |           | 741X12-1.5 | •     | •     | •   | •        | •   | •    | •         | •   |
| 2.0 | 7 | 0.03 | 731X12-2.0 | •     | •   | •        |     |      |           | 741X12-2.0 | •     | •     | •   | •        | •   |      | •         |     |



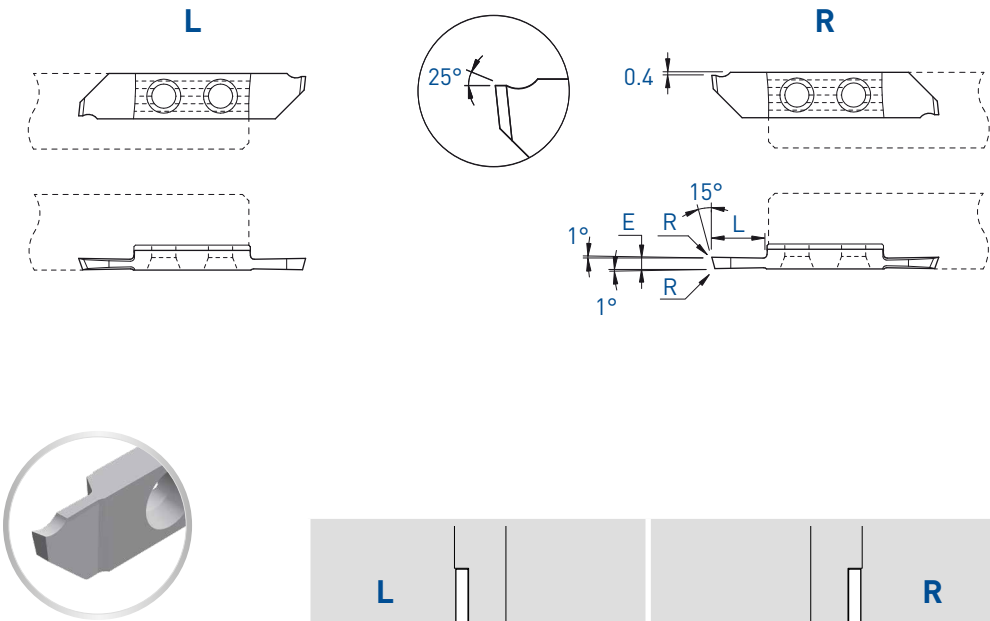
7XX-XX-B  
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Tronçonnage

Abstechen

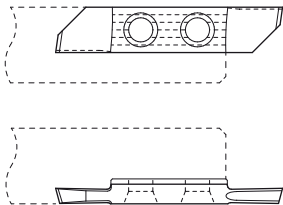
Parting off

731X25 / 741X25

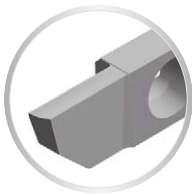
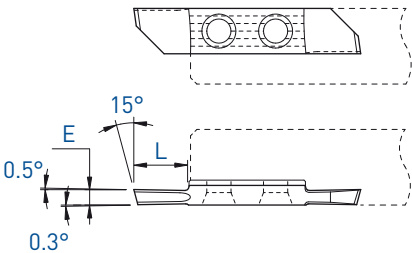


|     |   |      | <div><div>L</div><div></div></div> |       |     |          |     |      | <div><div></div><div>R</div></div> |            |       |       |     |          |     |      |           |
|-----|---|------|------------------------------------|-------|-----|----------|-----|------|------------------------------------|------------|-------|-------|-----|----------|-----|------|-----------|
| E   | L | R    | Art. N°                            | TiAIN | TiN | N [µk20] | HTA | HTiN | HN [µk10]                          | Art. N°    | TiAIN | TiAlX | TiN | N [µk20] | HTA | HTiN | HN [µk10] |
| 1.0 | 5 | 0.03 | 731X25-1.0                         | ●     | ●   | ●        |     |      |                                    | 741X25-1.0 | ●     |       | ●   | ●        | ●   |      | ●         |
| 1.5 | 7 | 0.03 | 731X25-1.5                         | ●     | ●   | ●        |     |      |                                    | 741X25-1.5 | ●     |       | ●   | ●        | ●   |      | ●         |
| 2.0 | 7 | 0.03 | 731X25-2.0                         | ●     | ●   | ●        |     |      |                                    | 741X25-2.0 | ●     | ●     | ●   | ●        | ●   |      | ●         |

L



R



L



R



| E   | L | Art. N°  |  |  |  |  |  |  | Art. N°  |  |  |  |  |  |  |
|-----|---|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|     |   |          |  |  |                                                                                   |  |  |                                                                                   |          |  |  |                                                                                   |  |  |                                                                                   |
|     |   |          |  |  |                                                                                   |  |  |  |          |  |  |                                                                                   |  |  |  |
|     |   |          |  |                                                                                   |  |  |                                                                                   |  |          |  |  |  |  |                                                                                   |  |
|     |   | Art. N°  | TiAlN                                                                             | TiN                                                                               | N (µk20)                                                                          | HTA                                                                               | HTiN                                                                              | HN (µk10)                                                                         |          | TiAlN                                                                             | TiN                                                                               | N (µk20)                                                                          | HTA                                                                               | HTiN                                                                              | HN (µk10)                                                                         |
| 1.5 | 7 | 731U-1.5 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   | ●                                                                                 | 741U-1.5 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 |
| 2.0 | 7 | 731U-2.0 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   | ●                                                                                 | 741U-2.0 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   | ●                                                                                 |

7XX-XX-B

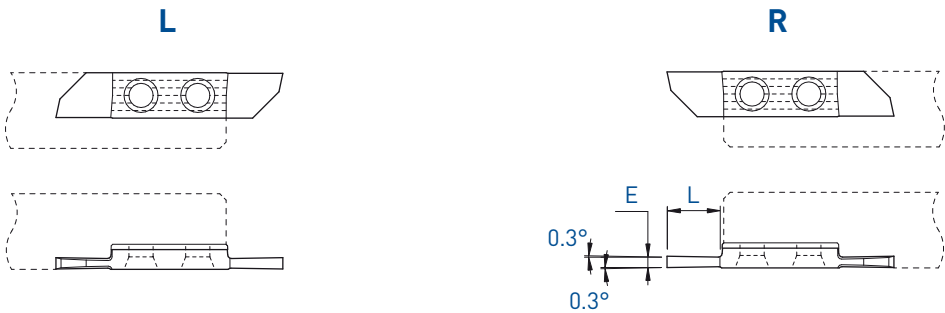


Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

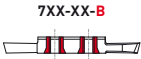


Tronçonnage  
Abstechen  
Parting off

731N / 741N

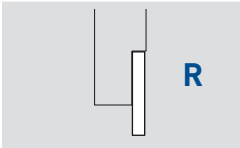
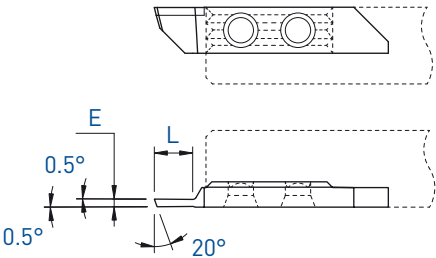


| L        |                                                             |                                                            |                                                           |                                                             |                                                            |                                                            | R        |                                                             |                                                            |                                                            |                                                           |                                                             |                                                            |
|----------|-------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|----------|-------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|
|          |                                                             |                                                            |                                                           |                                                             |                                                            |                                                            |          |                                                             |                                                            |                                                            |                                                           |                                                             |                                                            |
| Art. N°  | TiAlN                                                       | TiN                                                        | N (µk20)                                                  | HTA                                                         | HTiN                                                       | HN (µk10)                                                  | Art. N°  | TiAlN                                                       | TiN                                                        | N (µk20)                                                   | HTA                                                       | HTiN                                                        | HN (µk10)                                                  |
|          | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div></div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div>N</div><div>S</div></div> |          | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div>S</div><div></div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> |
| 731N-1.0 | ●                                                           | ●                                                          | ●                                                         | ●                                                           |                                                            | ●                                                          | 741N-1.0 | ●                                                           | ●                                                          | ●                                                          | ●                                                         |                                                             | ●                                                          |
| 731N-1.5 | ●                                                           | ●                                                          | ●                                                         | ●                                                           |                                                            | ●                                                          | 741N-1.5 | ●                                                           | ●                                                          | ●                                                          | ●                                                         |                                                             | ●                                                          |



7XX-XX-B  
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

R



| E   | L | Art. N° | PCD |
|-----|---|---------|-----|
|     |   |         |     |
| 0.8 | 5 | 741-0.8 | ●   |
| 1.0 | 5 | 741-1.0 | ●   |
| 1.2 | 5 | 741-1.2 | ●   |
| 1.5 | 7 | 741-1.5 | ●   |
| 1.8 | 7 | 741-1.8 | ●   |
| 2.0 | 7 | 741-2.0 | ●   |
| 2.5 | 7 | 741-2.5 | ●   |

Uniquement 1 arête de coupe  
Nur 1 Schneidekante  
Only 1 cutting edge

7XX-XX-B



Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

**Tronçonnage**

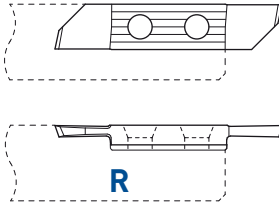
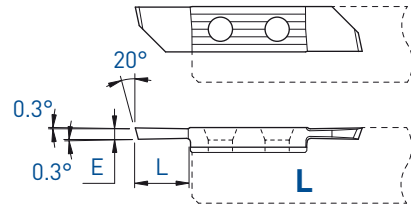
Abstechen

Parting off

**Coupe déportée**

Versetzttes Schneiden

Cut off line

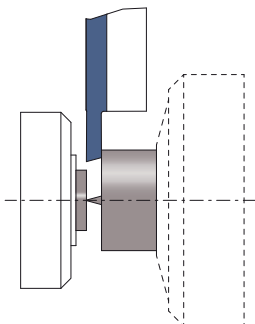
**741L / 731R****Cut L****Cut R****R (L)**

Coupe à gauche déportée  
Versetzttes Linksschneiden  
Left cut off line

**L (R)**

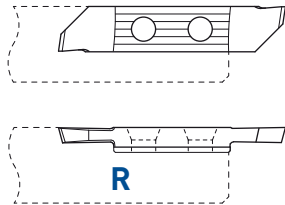
Coupe à droite déportée  
Versetzttes Rechtsschneiden  
Right cut off line

| E   | L | Art. N°  | P     | P   | P        | P   | P    | P         | Art. N°  | P     | P   | P        | P   | P    | P         | P   | P            |
|-----|---|----------|-------|-----|----------|-----|------|-----------|----------|-------|-----|----------|-----|------|-----------|-----|--------------|
|     |   |          | M     | M   |          | M   | M    |           |          | M     | M   |          | M   | M    |           | M   | M            |
| E   | L | Art. N°  | N     | N   |          | N   | N    |           | Art. N°  | N     | N   |          | N   | N    |           | N   | N            |
|     |   |          | S     |     | S        | S   |      | S         |          | S     |     | S        | S   |      | S         | S   | S            |
| E   | L | Art. N°  | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) | Art. N°  | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) | KST | KN (µk10-20) |
|     |   |          |       |     |          |     |      |           |          |       |     |          |     |      |           |     |              |
| 1.0 | 5 | 741L-1.0 | •     | •   | •        | •   |      | •         | 731R-1.0 | •     | •   | •        | •   | •    | •         | •   | •            |
| 1.2 | 5 | 741L-1.2 | •     | •   | •        | •   |      | •         | 731R-1.2 | •     | •   | •        | •   | •    | •         |     |              |
| 1.5 | 7 | 741L-1.5 | •     | •   | •        | •   | •    | •         | 731R-1.5 | •     | •   | •        | •   | •    | •         | •   | •            |
| 2.0 | 7 | 741L-2.0 | •     | •   | •        | •   |      | •         | 731R-2.0 | •     | •   | •        | •   |      | •         | •   | •            |
| 2.5 | 7 | 741L-2.5 | •     | •   | •        |     |      |           | 731R-2.5 | •     | •   | •        |     |      |           |     |              |

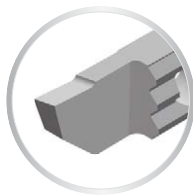
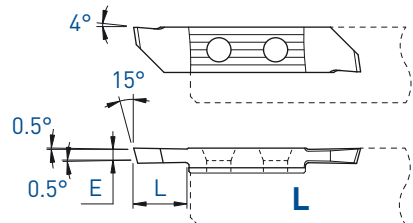
**7XX-XX-B**

Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Cut L



Cut R



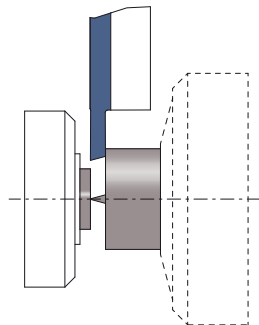
R (L)

Coupe à gauche déportée  
Versetztes Linksschneiden  
Left cut off line

L (R)

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line

| E | L | Art. N° | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div></div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div>N</div><div>S</div></div> | Art. N° | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div></div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div>N</div><div>S</div></div> |   |   |   |   |
|---|---|---------|-------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|---------|-------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|---|---|---|---|
|   |   |         | TiAlN                                                       | TiN                                                        | N (µk20)                                                  | HTA                                                         | HTiN                                                       | HN (µk10)                                                  |         | TiAlN                                                       | TiN                                                        | N (µk20)                                                  | HTA                                                         | HTiN                                                       | HN (µk10)                                                  |   |   |   |   |
|   |   |         | 1.5                                                         | 5                                                          | 741LX4-1.5                                                | ●                                                           | ●                                                          | ●                                                          |         |                                                             |                                                            |                                                           | 731RX4-1.5                                                  | ●                                                          | ●                                                          | ● | ● | ● | ● |
|   |   |         |                                                             |                                                            |                                                           |                                                             |                                                            |                                                            |         |                                                             |                                                            |                                                           |                                                             |                                                            |                                                            |   |   |   |   |



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Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

**Tronçonnage**

Abstechen

Parting off

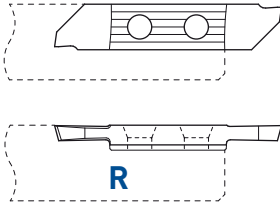
**Coupe déportée**

Versetztes Schneiden

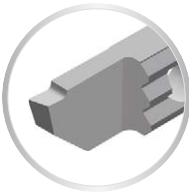
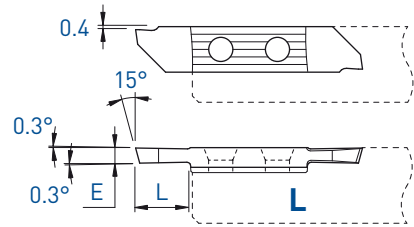
Cut off line

**741LXF / 731RXF**

**Cut L**



**Cut R**



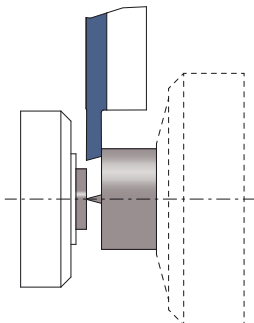
**R (L)**

Coupe à gauche déportée  
Versetztes Linksschneiden  
Left cut off line

**L (R)**

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line

| E   | L | Art. N°    | P     | P   | P        | P   | P    | P         | Art. N°    | P     | P   | P        | P   | P    | P         |
|-----|---|------------|-------|-----|----------|-----|------|-----------|------------|-------|-----|----------|-----|------|-----------|
|     |   |            | M     | M   |          | M   | M    |           |            | M     | M   |          | M   | M    |           |
|     |   |            | N     | N   |          | N   | N    | N         |            | N     | N   |          | N   | N    | N         |
|     |   |            | S     |     | S        | S   |      | S         |            | S     |     | S        | S   |      | S         |
|     |   |            | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |            | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |
| 1.5 | 7 | 741LXF-1.5 | •     | •   | •        |     |      |           | 731RXF-1.5 | •     | •   | •        | •   | •    | •         |
| 2.0 | 7 | 741LXF-2.0 | •     | •   | •        |     |      |           | 731RXF-2.0 | •     | •   | •        | •   |      | •         |
| 2.5 | 7 | 741LXF-2.5 | •     | •   | •        |     |      |           | 731RXF-2.5 | •     | •   | •        |     |      |           |

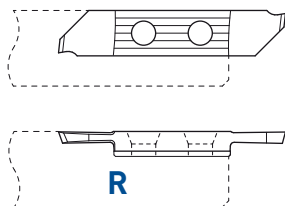


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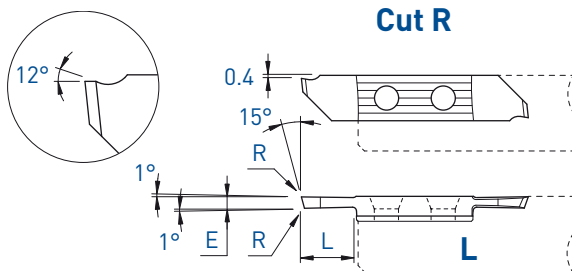


Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

### Cut L



## Cut R



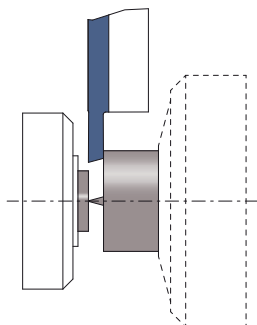
## R (L)

Coupe à gauche déportée  
Versetztes Linksschneiden  
Left cut off line

## L (R)

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line

|     |   |      |             | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> |             | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> |
|-----|---|------|-------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| E   | L | R    | Art. N°     | TiAlN                                                       | TiN                                                         | N (µk20)                                                    | HTA                                                         | HTiN                                                        | HN (µk10)                                                   | Art. N°     | TiAlN                                                       | TiN                                                         | N (µk20)                                                    | HTA                                                         | HTiN                                                        | HN (µk10)                                                   | KST                                                         | KN (µk10-20)                                                |
| 1.0 | 5 | 0.03 | -           |                                                             |                                                             |                                                             |                                                             |                                                             |                                                             | 731RX12-1.0 | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |                                                             | ●                                                           | ●                                                           |
| 1.5 | 7 | 0.03 | 741LX12-1.5 | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |                                                             | 731RX12-1.5 | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           |



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Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

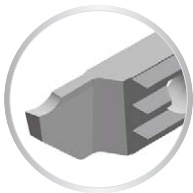
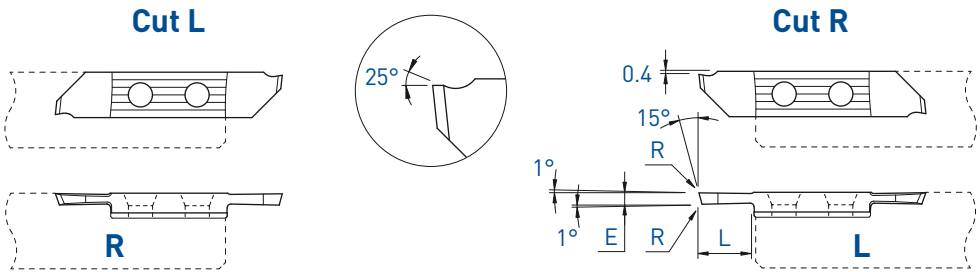
Tronçonnage

Abstechen  
Parting off

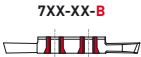
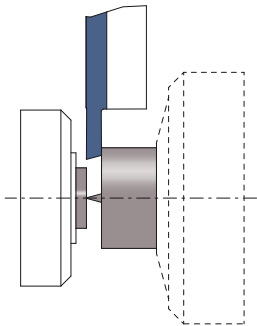
Coupe déportée

Versetztes Schneiden  
Cut off line

741LX25 / 731RX25



|     |   |      | <div>R (L)</div> <div>Coupe à gauche déportée<br/>Versetztes Linksschneiden<br/>Left cut off line</div> |                                                                   |                                                                | <div>L (R)</div> <div>Coupe à droite déportée<br/>Versetztes Rechtsschneiden<br/>Right cut off line</div> |             |                                                                   |                                                                |                                                                    |
|-----|---|------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------|
| E   | L | R    | Art. N°                                                                                                 | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> TiAlN | <div><div>P</div><div>M</div><div>N</div><div></div></div> TiN | <div><div>P</div><div></div><div></div><div>S</div></div> N [µk20]                                        |             | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> TiAlN | <div><div>P</div><div>M</div><div>N</div><div></div></div> TiN | <div><div>P</div><div></div><div></div><div>S</div></div> N [µk20] |
| 1.5 | 7 | 0.03 | 741LX25-1.5                                                                                             | ●                                                                 | ●                                                              | ●                                                                                                         | 731RX25-1.5 | ●                                                                 | ●                                                              | ●                                                                  |



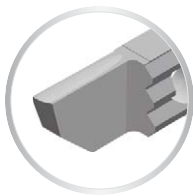
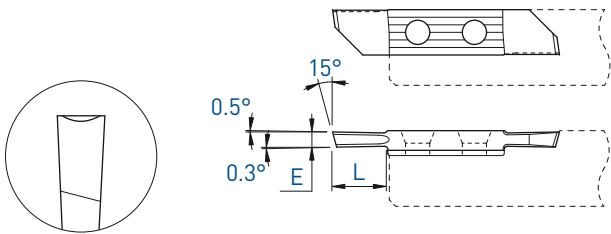
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Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

**Coupe déportée**  
Versetztes Schneiden  
Cut off line

**Tronçonnage**  
Abstechen  
Parting off

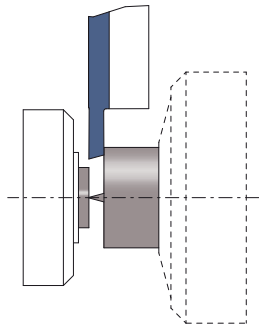
**Cut R**



**L (R)**

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line

| E   | L | Art. N°   | P     | P   | P        | P   | P    | P         |
|-----|---|-----------|-------|-----|----------|-----|------|-----------|
|     |   |           | M     | M   |          | M   | M    |           |
|     |   |           | N     | N   |          | N   | N    | N         |
|     |   |           | S     |     | S        | S   |      | S         |
|     |   |           | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |
| 1.0 | 5 | 731RU-1.0 | ●     | ●   |          |     |      |           |
| 1.2 | 5 | 731RU-1.2 | ●     | ●   |          |     |      |           |
| 1.5 | 7 | 731RU-1.5 | ●     | ●   | ●        |     | ●    |           |
| 2.0 | 7 | 731RU-2.0 | ●     | ●   |          |     |      |           |



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Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



**Tronçonnage**

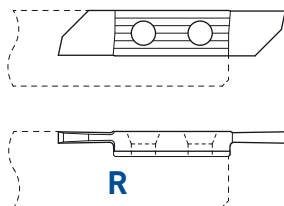
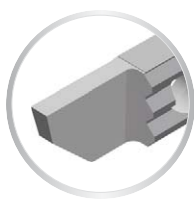
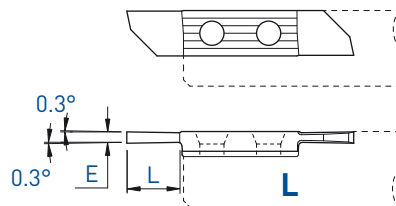
Abstechen

Parting off

**Coupe déportée**

Versetztes Schneiden

Cut off line

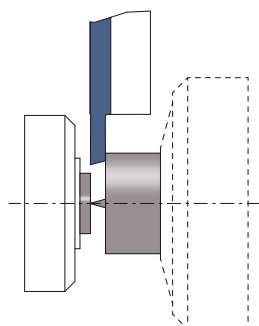
**741N / 731N****Cut L****Cut R****R (L)**

Coupe à gauche déportée  
Versetztes Linksschneiden  
Left cut off line

**L (R)**

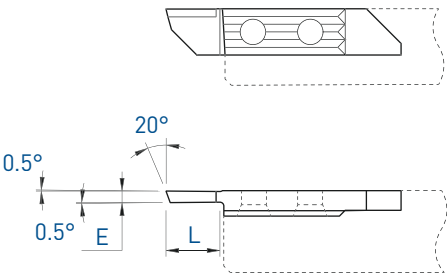
Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line

| E   | L | Art. N°  | P     | P   | P        | P   | P    | P         | Art. N°  | P     | P   | P        | P   | P    | P         |
|-----|---|----------|-------|-----|----------|-----|------|-----------|----------|-------|-----|----------|-----|------|-----------|
|     |   |          | M     | M   |          | M   | M    |           |          | M     | M   |          | M   | M    |           |
| 1.0 | 5 | 741N-1.0 | N     | N   |          | N   | N    | N         | 731N-1.0 | N     | N   |          | N   | N    | N         |
|     |   |          | S     |     | S        | S   |      | S         |          | S     |     | S        | S   |      | S         |
| 1.5 | 7 | 741N-1.5 | TiAlN | TiN | N (μk20) | HTA | HTiN | HN (μk10) | 731N-1.5 | TiAlN | TiN | N (μk20) | HTA | HTiN | HN (μk10) |
|     |   |          | •     | •   | •        | •   |      | •         |          | •     | •   | •        | •   |      | •         |
| 1.5 | 7 | 741N-1.5 | •     | •   | •        | •   |      | •         | 731N-1.5 | •     | •   | •        | •   |      | •         |
|     |   |          | •     | •   | •        | •   |      | •         |          | •     | •   | •        | •   |      | •         |

**7XX-XX-B**

Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

**Cut R**

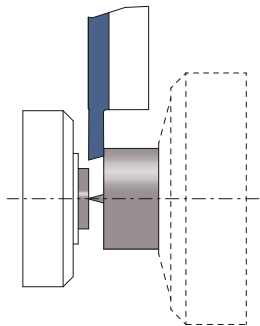


**L (R)**

Coupe à droite déportée  
Versetztes Linksschneiden  
Left cut off line

| E   | L | Art. N°  | PCD |
|-----|---|----------|-----|
| 0.8 | 5 | 731R-0.8 | ●   |
| 1.0 | 5 | 731R-1.0 | ●   |
| 1.2 | 5 | 731R-1.2 | ●   |
| 1.5 | 7 | 731R-1.5 | ●   |
| 2.0 | 7 | 731R-2.0 | ●   |
| 2.5 | 7 | 731R-2.5 | ●   |

Uniquement 1 arête de coupe  
Nur 1 Schneidekante  
Only 1 cutting edge



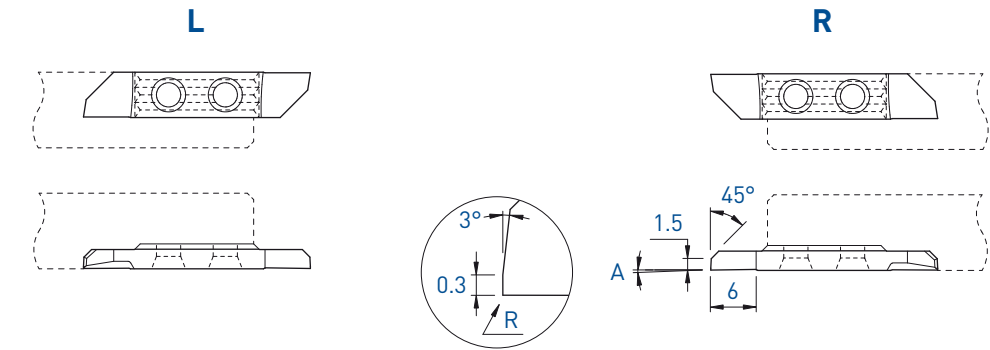
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Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

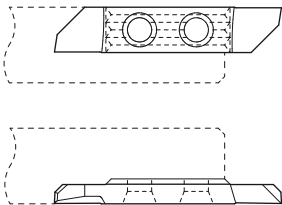
Tournage avant  
Vorwärts drehen  
Front turning

732 / 742

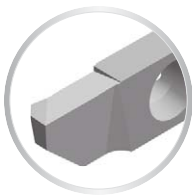
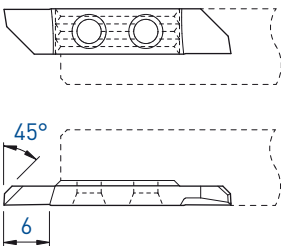
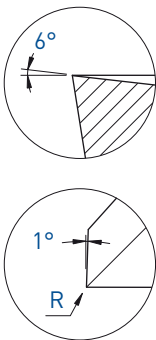


|         |                                                             | L                                                                                 |                                                           |                                                             |                                                            |                                                            |            | R                                                                                 |                                                             |                                                            |                                                            |                                                             |                                                             |                                                            |                                                             |                                                             |
|---------|-------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
|         |                                                             |  |                                                           |                                                             |                                                            |                                                            |            |  |                                                             |                                                            |                                                            |                                                             |                                                             |                                                            |                                                             |                                                             |
| Art. N° | TiAlN                                                       | TiN                                                                               | N (µk20)                                                  | HTA                                                         | HTiN                                                       | HN (µk10)                                                  | Art. N°    | TiAlN                                                                             | TiAlX                                                       | TiN                                                        | N (µk20)                                                   | HTA                                                         | HTiN                                                        | HN (µk10)                                                  | KST                                                         | KN (µk10-20)                                                |
|         | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div>                        | <div><div>P</div><div></div><div></div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div>N</div><div>S</div></div> |            | <div><div>P</div><div>M</div><div>N</div><div>S</div></div>                       | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> |
| 732     | ●                                                           | ●                                                                                 | ●                                                         | ●                                                           | ●                                                          | ●                                                          | 742        | ●                                                                                 | ●                                                           | ●                                                          | ●                                                          | ●                                                           | ●                                                           | ●                                                          |                                                             |                                                             |
| 732-2°  | ●                                                           | ●                                                                                 | ●                                                         | ●                                                           |                                                            | ●                                                          | 742-2°     | ●                                                                                 | ●                                                           | ●                                                          | ●                                                          | ●                                                           | ●                                                           | ●                                                          | ●                                                           | ●                                                           |
|         |                                                             |                                                                                   |                                                           |                                                             |                                                            |                                                            | 742-2°-R08 | ●                                                                                 | ●                                                           | ●                                                          | ●                                                          | ●                                                           | ●                                                           | ●                                                          |                                                             |                                                             |

L



R



L

R

| A        | R | Art. N° | P          | P | P | Art. N°  | P | P | P |
|----------|---|---------|------------|---|---|----------|---|---|---|
|          |   |         | M          | M |   |          | M | M |   |
|          |   |         | N          | N |   |          | N | N |   |
|          |   |         | S          |   | S |          | S |   |   |
| TiAlN    |   |         | TiN (µk20) |   |   | TiAlN    |   |   |   |
| TiN      |   |         |            |   |   | TiN      |   |   |   |
| N (µk20) |   |         |            |   |   | N (µk20) |   |   |   |
| 0°       | 0 | 732PX   | ●          | ● | ● | 742PX    | ● | ● | ● |

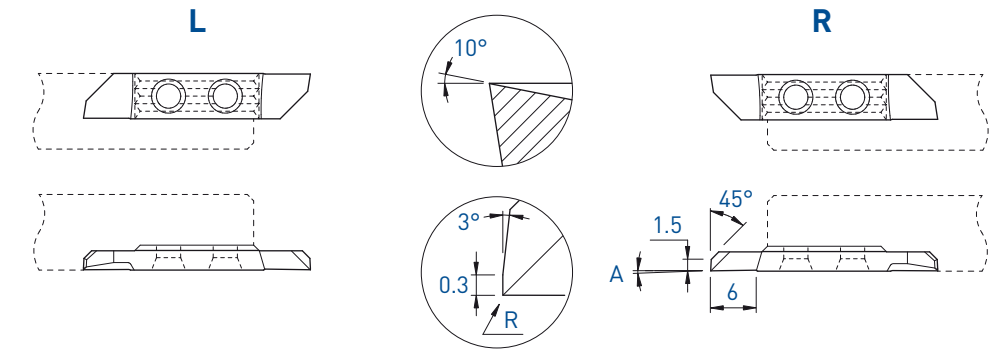
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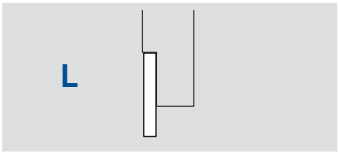
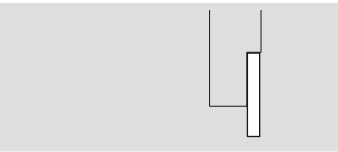


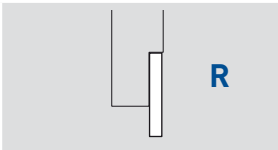
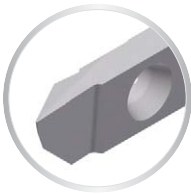
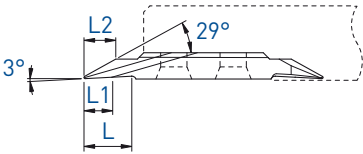
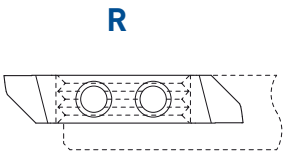
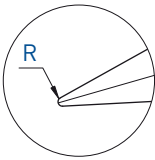
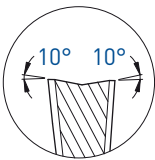
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Tournage avant  
Vorwärts drehen  
Front turning

732X / 742X



|    |      |  |                      |                  |                  |                  |                    |  |                          |             |                      |                      |                    |                         |                    |                     |                          |                    |                             |   |
|----|------|-----------------------------------------------------------------------------------|----------------------|------------------|------------------|------------------|--------------------|------------------------------------------------------------------------------------|--------------------------|-------------|----------------------|----------------------|--------------------|-------------------------|--------------------|---------------------|--------------------------|--------------------|-----------------------------|---|
| A  | R    | Art. N°                                                                           | TiAlN<br>M<br>N<br>S | P<br>M<br>N<br>S | P<br>M<br>N<br>S | P<br>M<br>N<br>S | HTA<br>M<br>N<br>S | HTIN<br>M<br>N<br>S                                                                | HN (µk10)<br>M<br>N<br>S | Art. N°     | TiAlN<br>M<br>N<br>S | TiAlX<br>M<br>N<br>S | TiN<br>M<br>N<br>S | N (µk20)<br>M<br>N<br>S | HTA<br>M<br>N<br>S | HTIN<br>M<br>N<br>S | HN (µk10)<br>M<br>N<br>S | KST<br>M<br>N<br>S | KN (µk10-20)<br>M<br>N<br>S |   |
| 0° | 0    | 732X                                                                              | ●                    | ●                | ●                |                  | ●                  | ●                                                                                  | ●                        | 742X        | ●                    | ●                    | ●                  | ●                       |                    | ●                   | ●                        | ●                  | ●                           | ● |
| 2° | 0    |                                                                                   |                      |                  |                  |                  |                    |                                                                                    |                          | 742X-2°     | ●                    | ●                    | ●                  | ●                       |                    | ●                   | ●                        | ●                  |                             |   |
| 2° | 0.08 |                                                                                   |                      |                  |                  |                  |                    |                                                                                    |                          | 742X-2°-R08 | ●                    | ●                    | ●                  | ●                       |                    | ●                   | ●                        | ●                  |                             |   |



| L | L1  | L2  | R    | Art. N°          | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> <div><div>P</div><div>M</div><div>N</div><div>S</div></div> <div>KST</div> <div>KN (uk10-20)</div> |   |
|---|-----|-----|------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 6 | 3.5 | 4.2 | 0.08 | 742VUX10-29°-R08 | •                                                                                                                                                              | • |
| 6 | 3.5 | 4   | 0.15 | 742VUX10-29°-R15 | •                                                                                                                                                              | • |

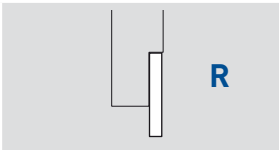
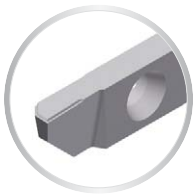
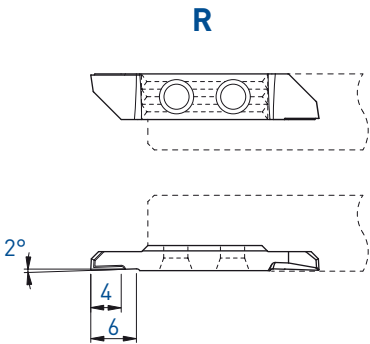
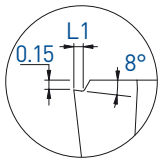
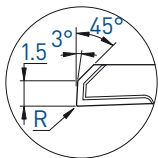
7XX-XX-B



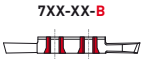
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Tournage avant  
Vorwärts drehen  
Front turning

742ZF-X

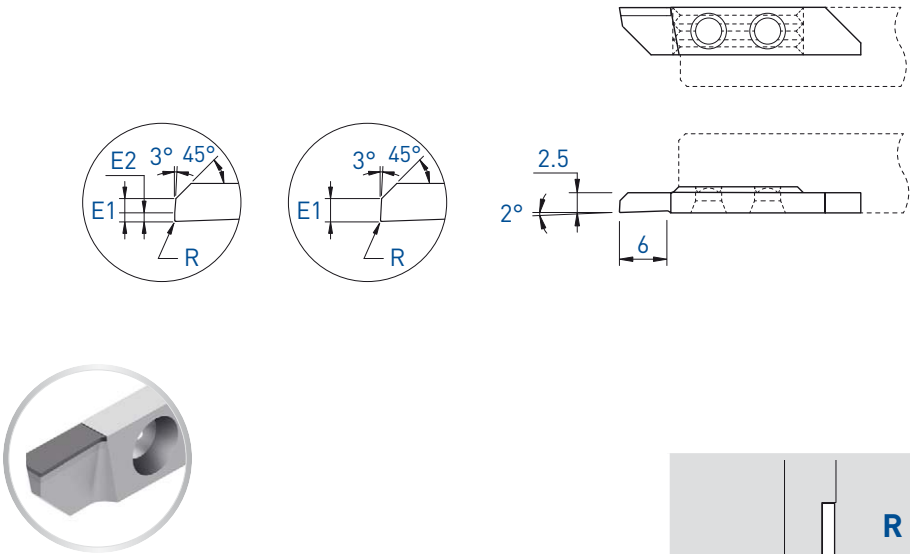


| L1   | R    | Art. N°        | <div><div><input type="checkbox"/> P</div><div><input type="checkbox"/> M</div><div><input checked="" type="checkbox"/> N</div><div><input checked="" type="checkbox"/> S</div></div> <div>KCRF</div> <div>KN [µk'10-20]</div> |   |   |   |
|------|------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|
|      |      |                |                                                                                                                                                                                                                                |   |   |   |
| 0.12 | 0.03 | 742ZF-X812-R03 | •                                                                                                                                                                                                                              | • | • | • |
| 0.24 | 0.03 | 742ZF-X824-R03 | •                                                                                                                                                                                                                              | • | • | • |
| 0.36 | 0.08 | 742ZF-X836-R08 | •                                                                                                                                                                                                                              | • | • | • |



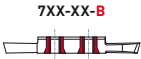
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

R



| <div><div></div><div>R</div></div> |     |      |            |     |
|------------------------------------|-----|------|------------|-----|
| E1                                 | E2  | R    | Art. N°    | PCD |
| 1.5                                | 0.3 | 0    | 742-2°     | ●   |
| 1.5                                | -   | 0.08 | 742-2°-R08 | ●   |
| 1.5                                | -   | 0.15 | 742-2°-R15 | ●   |
| 1.5                                | -   | 0.20 | 742-2°-R20 | ●   |

Uniquement 1 arête de coupe  
Nur 1 Schneidekante  
Only 1 cutting edge



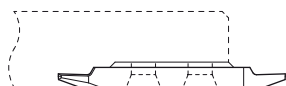
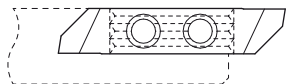
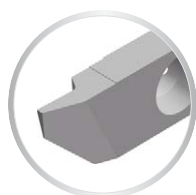
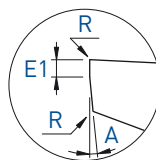
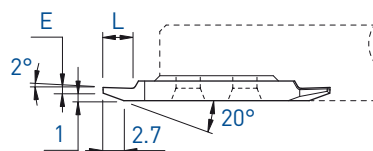
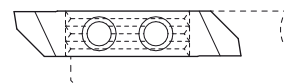
7XX-XX-B

Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



**Tournage arrière**  
Rückwärts drehen  
Back turning

733 / 743

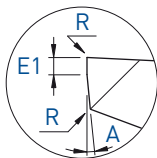
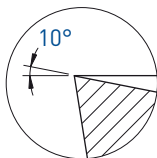
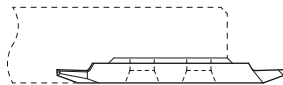
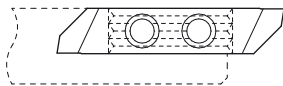
**L****R****L****R**

|     |      |    |   |      |             | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> |             |         | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> |     |      |           |
|-----|------|----|---|------|-------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------|---------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-----|------|-----------|
| E   | E1   | A  | L | R    | Art. N°     | TiAlN                                                       | TiN                                                         | N (μk20)                            | HTA                                                         | HTiN                                                        | HN (μk10)   | Art. N° | TiAlN                                                       | TiAlX                                                       | TiN                                                         | N (μk20)                                                    | HTA | HTiN | HN (μk10) |
| 0.5 | 0.25 | 3° | 3 | 0    | 733-0.5     | ●                                                           | ●                                                           | ●                                   | ●                                                           | ●                                                           | 743-0.5     | ●       | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●   | ●    | ●         |
| 0.5 | -    | 2° | 3 | 0.08 | 733-0.5-R08 | ●                                                           | ●                                                           | ●                                   | ●                                                           | ●                                                           | 743-0.5-R08 | ●       | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●   | ●    | ●         |
| 0.8 | 0.30 | 3° | 4 | 0    | 733-0.8     | ●                                                           | ●                                                           | ●                                   | ●                                                           | ●                                                           | 743-0.8     | ●       | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●   | ●    | ●         |
| 1.0 | 0.40 | 3° | 4 | 0    | 733-1.0     | ●                                                           | ●                                                           | ●                                   | ●                                                           | ●                                                           | 743-1.0     | ●       | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●   | ●    | ●         |
| 1.2 | 0.50 | 3° | 5 | 0    | 733-1.2     | ●                                                           | ●                                                           | ●                                   | ●                                                           | ●                                                           | 743-1.2     | ●       | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●   | ●    | ●         |
| 1.5 | 0.50 | 3° | 6 | 0    | 733-1.5     | ●                                                           | ●                                                           | ●                                   | ●                                                           | ●                                                           | 743-1.5     | ●       | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●   | ●    | ●         |

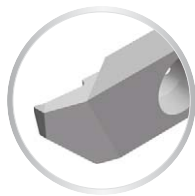
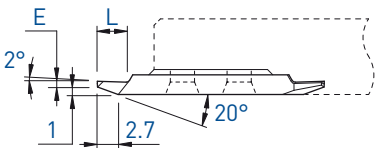
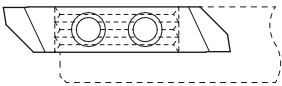
**7XX-XX-B**

Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

L



R



L



R



| E   | E1   | A  | L | R    | Art. N°      | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> TiAlN | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> TiN | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> N [μk20] | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> HTA | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> HTiN | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> HN [μk10] | Art. N°      | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> TiAlN | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> TiAlX | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> TiN | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> N [μk20] | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> HTA | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> HTAX | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> HTiN | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> HN [μk10] |
|-----|------|----|---|------|--------------|-------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------------|--------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------------|
| 0.5 | 0.25 | 3° | 3 | 0    | 733X-0.5     | •                                                                 | •                                                               | •                                                                    | •                                                               | •                                                                |                                                                       | 743X-0.5     | •                                                                 | •                                                                 | •                                                               | •                                                                    | •                                                               | •                                                                | •                                                                | •                                                                     |
| 0.5 | -    | 2° | 3 | 0.08 | 733X-0.5-R08 | •                                                                 | •                                                               | •                                                                    |                                                                 |                                                                  |                                                                       | 743X-0.5-R08 | •                                                                 | •                                                                 | •                                                               | •                                                                    | •                                                               |                                                                  | •                                                                |                                                                       |
| 0.8 | 0.30 | 3° | 4 | 0    | 733X-0.8     | •                                                                 | •                                                               | •                                                                    |                                                                 |                                                                  |                                                                       | 743X-0.8     | •                                                                 |                                                                   | •                                                               | •                                                                    |                                                                 | •                                                                | •                                                                |                                                                       |
| 1.0 | 0.40 | 3° | 4 | 0    | 733X-1.0     | •                                                                 | •                                                               | •                                                                    |                                                                 |                                                                  |                                                                       | 743X-1.0     | •                                                                 |                                                                   | •                                                               | •                                                                    |                                                                 |                                                                  |                                                                  | •                                                                     |
| 1.2 | 0.50 | 3° | 5 | 0    | 733X-1.2     | •                                                                 | •                                                               | •                                                                    |                                                                 |                                                                  |                                                                       | 743X-1.2     | •                                                                 |                                                                   | •                                                               | •                                                                    |                                                                 |                                                                  |                                                                  | •                                                                     |
| 1.5 | 0.50 | 3° | 6 | 0    | 733X-1.5     | •                                                                 | •                                                               | •                                                                    |                                                                 |                                                                  |                                                                       | 743X-1.5     | •                                                                 |                                                                   | •                                                               | •                                                                    |                                                                 | •                                                                |                                                                  | •                                                                     |

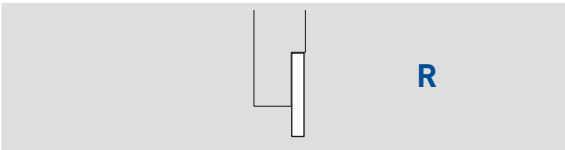
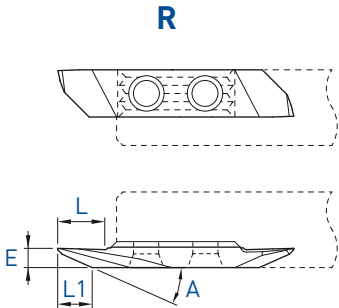
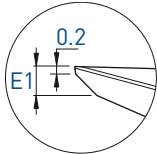
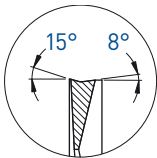
7XX-XX-B



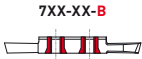
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Tournage arrière  
Rückwärts drehen  
Back turning

743VUX8



| E   | E1   | A   | L | L1  | Art. N°         | P     | P     | P   | P        | P   | P    | P    | P         | P   | P            |
|-----|------|-----|---|-----|-----------------|-------|-------|-----|----------|-----|------|------|-----------|-----|--------------|
|     |      |     |   |     |                 | M     | M     | M   |          | M   | M    | M    |           | M   | M            |
| 1.5 | 0.75 | 24° | 3 | 2.3 | 743VUX8-0.2-1.5 | N     |       | N   |          | N   |      | N    |           | N   | N            |
|     |      |     |   |     |                 | S     | S     |     | S        | S   |      | S    |           | S   | S            |
| 2.5 | 0.75 | 24° | 6 | 4.4 | 743VUX8-0.2-2.5 | TiAlN | TiAlX | TiN | N (µk20) | HTA | HTAX | HTiN | HN (µk10) | K5T | KN (µk10-20) |
|     |      |     |   |     |                 | •     | •     |     | •        | •   | •    |      | •         | •   | •            |
|     |      |     |   |     |                 | •     | •     |     | •        | •   | •    |      | •         | •   | •            |



7XX-XX-B

Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

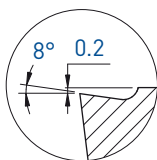
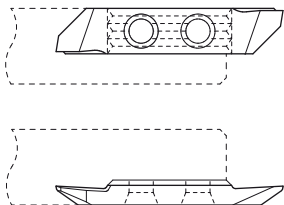
733VX-8° / 743VX-8°

Tournage arrière

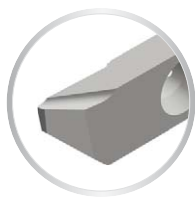
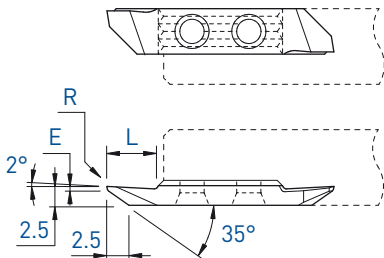
Rückwärts drehen

Back turning

L



R



L

R

| E   | L   | R    | Art. N°      | P     | P   | P        | P   | P    | P         | Art. N°      | P     | P   | P        | P   | P    | P         | P   | P            |
|-----|-----|------|--------------|-------|-----|----------|-----|------|-----------|--------------|-------|-----|----------|-----|------|-----------|-----|--------------|
|     |     |      |              | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |              | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) | KST | KN (µk10-20) |
| 1.0 | 6.5 | 0    | 733VX-8°     | •     | •   | •        | •   | •    | •         | 743VX-8°     | •     | •   | •        | •   | •    | •         |     |              |
| 1.0 | 6.5 | 0.08 | 733VX-8°-R08 | •     | •   | •        | •   |      | •         | 743VX-8°-R08 | •     | •   | •        | •   |      | •         | •   | •            |

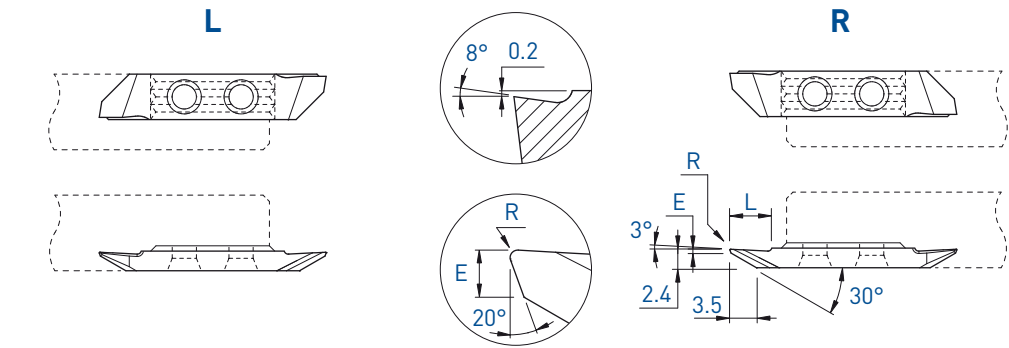
7XX-XX-B



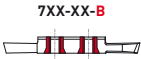
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Tournage arrière  
Rückwärts drehen  
Back turning

733VX-805 / 743VX-805



|     |   |      | L             |     |          |     |      |           | R             |     |          |     |      |           |
|-----|---|------|---------------|-----|----------|-----|------|-----------|---------------|-----|----------|-----|------|-----------|
|     |   |      | Art. N°       |     |          |     |      |           | Art. N°       |     |          |     |      |           |
| E   | L | R    | TiAlN         | TiN | N (µk20) | HTA | HTiN | HN (µk10) | TiAlN         | TiN | N (µk20) | HTA | HTiN | HN (µk10) |
| 0.5 | 6 | 0.08 | 733VX-805-R08 | •   | •        | •   | •    | •         | 743VX-805-R08 | •   | •        | •   | •    | •         |



7XX-XX-B  
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

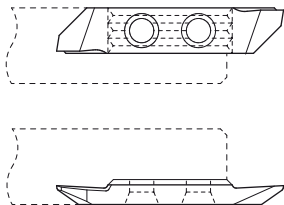
733VX-15° / 743VX-15°

Tournage arrière

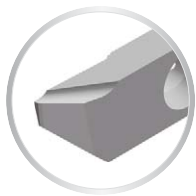
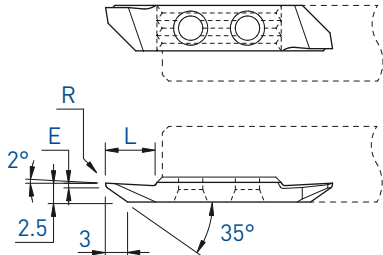
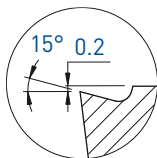
Rückwärts drehen

Back turning

L



R



L

R

| E   | L   | R    | Art. N°       | P     | P | P | P | P | P   | Art. N°       | P     | P | P | P | P | P   |
|-----|-----|------|---------------|-------|---|---|---|---|-----|---------------|-------|---|---|---|---|-----|
|     |     |      |               | TiAlN | M | M | N | S | HTA |               | TiAlN | M | M | N | S | HTA |
| 0.6 | 6.5 | 0    | 733VX-15°     | •     | • | • | • | • | •   | 743VX-15°     | •     | • | • | • | • | •   |
| 0.6 | 6.5 | 0.08 | 733VX-15°-R08 | •     | • | • | • | • | •   | 743VX-15°-R08 | •     | • | • | • | • | •   |

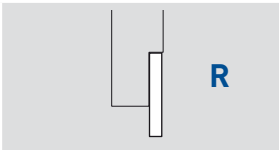
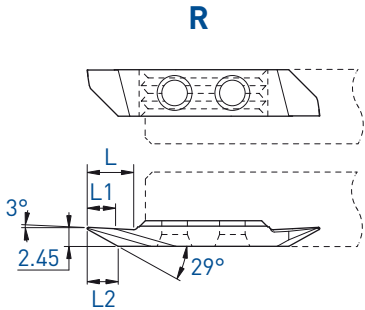
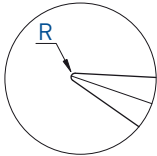
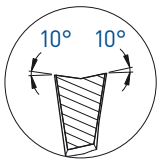
7XX-XX-B



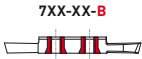
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Tournage arrière  
Rückwärts drehen  
Back turning

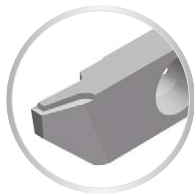
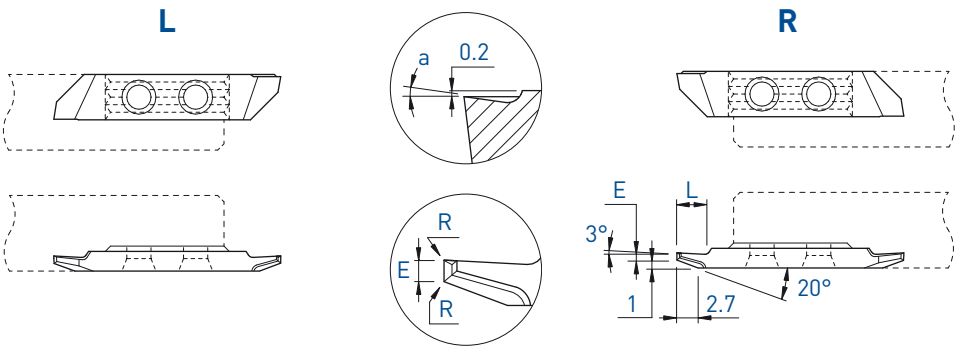
743VUX



| L | L1  | L2 | R    | Art. N°          | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> <div><div>P</div><div>M</div><div>N</div><div>S</div></div> |              |
|---|-----|----|------|------------------|-------------------------------------------------------------------------------------------------------------------------|--------------|
|   |     |    |      |                  | KST                                                                                                                     | KN (µk10-20) |
| 6 | 3.5 | 4  | 0.08 | 743VUX10-29°-R08 | ●                                                                                                                       | ●            |
| 6 | 3.5 | 4  | 0.15 | 743VUX10-29°-R15 | ●                                                                                                                       | ●            |



7XX-XX-B  
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



Pour un meilleur contrôle des copeaux  
Für eine bessere Spankontrolle  
For a better chip-control

|     |     |   |      | L               |                                                      | R               |                                                      |
|-----|-----|---|------|-----------------|------------------------------------------------------|-----------------|------------------------------------------------------|
|     |     |   |      |                 |                                                      |                 |                                                      |
| a   | E   | L | R    | Art. N°         | TiAlN<br>TiN<br>N (µk20)<br>HTA<br>HTiN<br>HN (µk10) | Art. N°         | TiAlN<br>TiN<br>N (µk20)<br>HTA<br>HTiN<br>HN (µk10) |
| 10° | 1.0 | 4 | 0.01 | 733ZX10-1.0     | ●                                                    | 743ZX10-1.0     | ●                                                    |
|     | 1.0 | 4 | 0.08 | 733ZX10-1.0-R08 | ●                                                    | 743ZX10-1.0-R08 | ●                                                    |



Arête de coupe honée  
Gehonte Schneidkante  
Honed edge

f min: 0.02 mm/U

7XX-XX-B

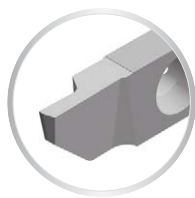
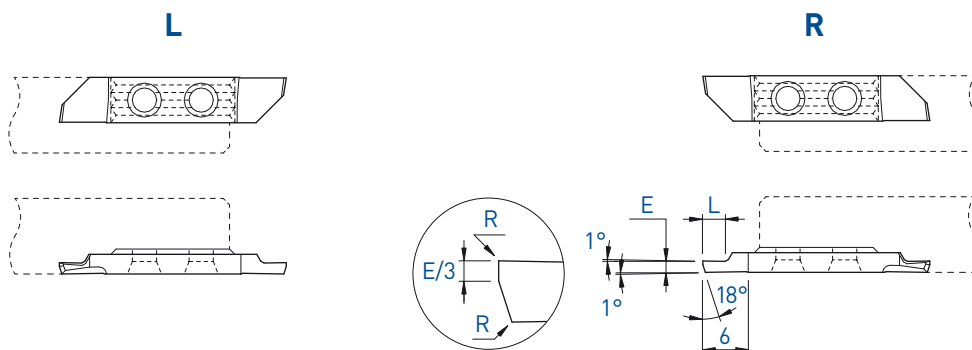


Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



**Tournage arrière / pré-coupe**  
 Rückwärts drehen / vorstechen  
 Back turning / pre-parting off

733P / 743P



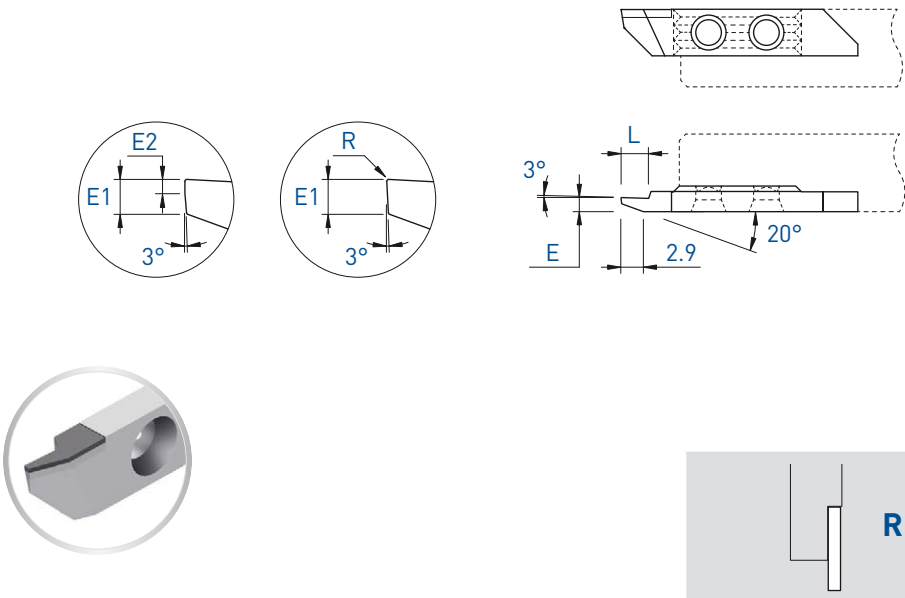
|     |     |   | L        |   | R        |   |
|-----|-----|---|----------|---|----------|---|
|     |     |   | P        |   | P        |   |
|     |     |   | M        |   | M        |   |
|     |     |   | N        |   | N        |   |
|     |     |   | S        |   | S        |   |
|     |     |   | N (μk20) |   | N (μk10) |   |
|     |     |   | HTA      |   | HTiN     |   |
|     |     |   | Art. N°  |   | Art. N°  |   |
| E   | L   | R | 733P-0.8 |   | 743P-0.8 |   |
| 0.8 | 2   | 0 | •        | • | •        | • |
| 1.0 | 2   | 0 | •        | • | •        | • |
| 1.2 | 2.5 | 0 | •        | • | •        | • |
| 1.5 | 3   | 0 | •        | • | •        | • |

7XX-XX-B



Sur demande pour serrage type B, voir page 1.05  
 Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
 On request for B clamping system, see page 1.05

R



| E   | E1  | E2   | L | R    | Art. N°     | PCD |
|-----|-----|------|---|------|-------------|-----|
| 1.5 | 0.5 | 0.15 | 3 | 0    | 743-0.5     | ●   |
| 1.5 | 0.5 | -    | 3 | 0.08 | 743-0.5-R08 | ●   |
| 1.8 | 0.8 | 0.25 | 4 | 0    | 743-0.8     | ●   |
| 1.8 | 0.8 | -    | 4 | 0.08 | 743-0.8-R08 | ●   |
| 2.0 | 1   | 0.30 | 4 | 0    | 743-1.0     | ●   |
| 2.0 | 1   | -    | 4 | 0.08 | 743-1.0-R08 | ●   |
| 2.2 | 1.2 | 0.35 | 5 | 0    | 743-1.2     | ●   |
| 2.2 | 1.2 | -    | 5 | 0.08 | 743-1.2-R08 | ●   |
| 2.5 | 1.5 | 0.45 | 6 | 0    | 743-1.5     | ●   |
| 2.5 | 1.5 | -    | 6 | 0.08 | 743-1.5-R08 | ●   |

Uniquement 1 arête de coupe  
Nur 1 Schneidekante  
Only 1 cutting edge

7XX-XX-B

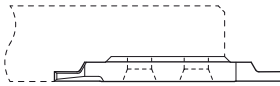
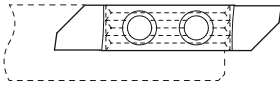
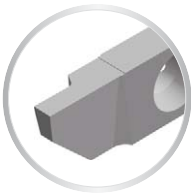
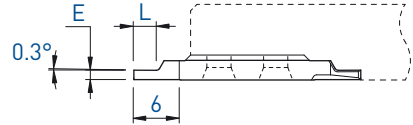
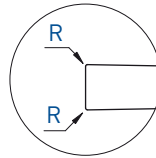
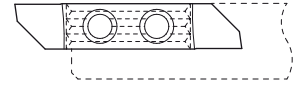


Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

**Fonçage-tournage**

Einstechen und drehen

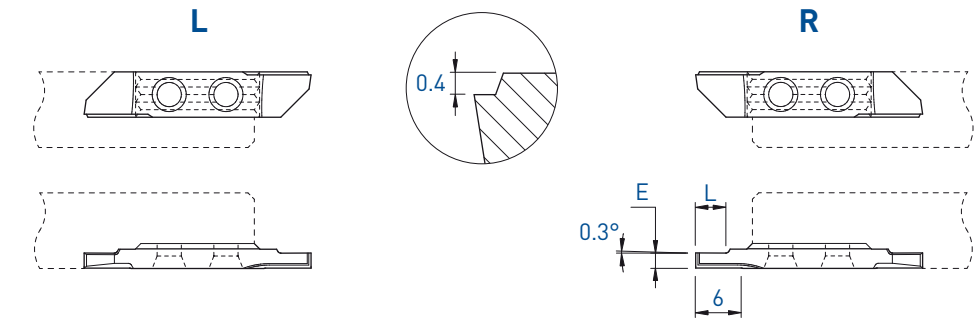
Grooving and turning

**734 / 744****L****R****L****R**

| E    | L   | R    | Art. N°     | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div> </div><div> </div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div> </div></div> | <div><div>P</div><div> </div><div>N</div><div>S</div></div> | Art. N°     | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div> </div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div> </div></div> | <div><div>P</div><div> </div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div> </div></div> | <div><div>P</div><div> </div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> |
|------|-----|------|-------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
|      |     |      |             | TiAlN                                                       | TiN                                                         | N (µk20)                                                    | HTA                                                         | HTiN                                                        | HN (µk10)                                                   |             | TiAlN                                                       | TiAlX                                                       | TiN                                                         | N (µk20)                                                    | HTA                                                         | HTAX                                                        | HTiN                                                        | HN (µk10)                                                   | KST                                                         |
| 0.5  | 1.5 | 0    | 734-0.5     | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             | 744-0.5     | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           |
| 0.6  | 1.8 | 0    | 734-0.6     | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             | ●                                                           | 744-0.6     | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           |
| 0.75 | 2   | 0    | 734-0.75    | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |                                                             | 744-0.75    | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           |
| 0.8  | 2   | 0    | 734-0.8     | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             | ●                                                           | 744-0.8     | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | P                                                           |
| 0.8  | 2   | 0.08 | -           |                                                             |                                                             |                                                             |                                                             |                                                             |                                                             | 744-0.8-R08 | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             | ●                                                           | ●                                                           | ●                                                           |                                                             |
| 0.9  | 2.5 | 0    | -           |                                                             |                                                             |                                                             |                                                             |                                                             |                                                             | 744-0.9     | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             | ●                                                           |                                                             |                                                             |
| 0.95 | 3   | 0    | 734-0.95    | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |                                                             | 744-0.95    | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             | ●                                                           |                                                             |                                                             |
| 1.0  | 2.5 | 0    | 734-1.0     | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | 744-1.0     | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             |
| 1.0  | 2.5 | 0.08 | 734-1.0-R08 | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | 744-1.0-R08 | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             | ●                                                           |                                                             |                                                             |
| 1.2  | 3   | 0    | 734-1.2     | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             | ●                                                           | 744-1.2     | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |
| 1.5  | 3   | 0    | 734-1.5     | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | 744-1.5     | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             | ●                                                           | ●                                                           |                                                             |
| 1.5  | 3   | 0.08 | 734-1.5-R08 | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             | 744-1.5-R08 | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             |
| 1.5  | 3   | 0.15 | -           |                                                             |                                                             |                                                             |                                                             |                                                             |                                                             | 744-1.5-R15 | ●                                                           | ●                                                           |                                                             | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |
| 1.5  | 3   | 0.20 | -           |                                                             |                                                             |                                                             |                                                             |                                                             |                                                             | 744-1.5-R20 | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |
| 1.8  | 4   | 0    | 734-1.8     | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             | ●                                                           | 744-1.8     | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |
| 2.0  | 4   | 0    | 734-2.0     | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             | ●                                                           | 744-2.0     | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |
| 2.0  | 4   | 0.08 | 734-2.0-R08 | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             | ●                                                           | 744-2.0-R08 | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |
| 2.0  | 4   | 0.15 | -           |                                                             |                                                             |                                                             |                                                             |                                                             |                                                             | 744-2.0-R15 | ●                                                           | ●                                                           |                                                             | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |
| 2.0  | 4   | 0.20 | -           |                                                             |                                                             |                                                             |                                                             |                                                             |                                                             | 744-2.0-R20 | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |
| 2.5  | 6   | 0    | 734-2.5     | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |                                                             | 744-2.5     | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |

734VS / 744VS

Fonçage-tournage  
Einstechen und drehen  
Grooving and turning

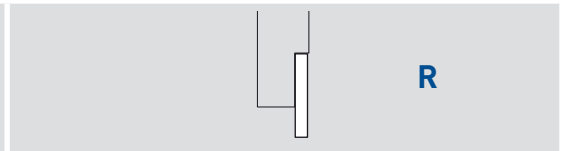
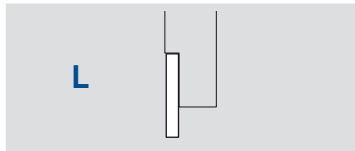
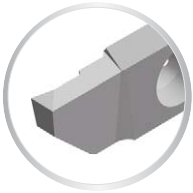
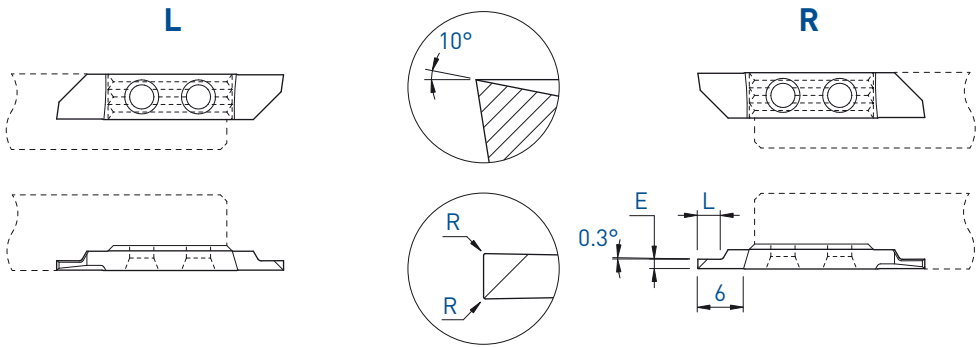


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**Fonçage-tournage**

Einstechen und drehen

Grooving and turning

**734X / 744X**

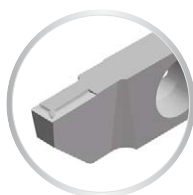
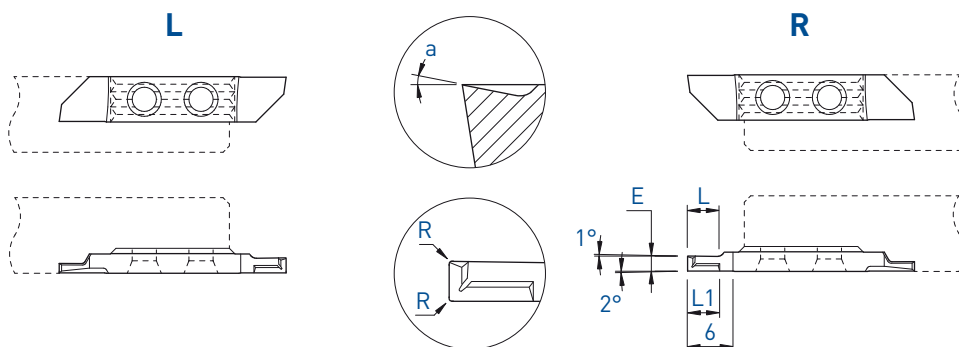
| E   | L   | R    | Art. N°      | P     | P   | P        | P   | P    | P         | Art. N°      | P  | P     | P     | P   | P        | P   | P    | P    | P            |
|-----|-----|------|--------------|-------|-----|----------|-----|------|-----------|--------------|----|-------|-------|-----|----------|-----|------|------|--------------|
|     |     |      |              | M     | M   |          | M   | M    |           |              | M  | M     | M     |     | M        | M   | M    |      | M            |
|     |     |      |              | N     | N   |          | N   | N    | N         |              | N  | N     | N     | N   | N        | N   | N    | N    | N            |
|     |     |      |              | S     |     | S        | S   |      | S         |              | S  | S     | S     |     | S        |     | S    | S    | S            |
|     |     |      |              | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |              | ST | TiAlN | TiAlX | TiN | N (µk20) | HTA | HTAX | HTiN | HN (µk10)    |
|     |     |      |              |       |     |          |     |      |           |              |    |       |       |     |          |     |      |      | KST          |
|     |     |      |              |       |     |          |     |      |           |              |    |       |       |     |          |     |      |      | KN (µk10-20) |
| 0.5 | 2   | 0    |              |       |     |          |     |      |           | 744X-0.5     |    |       |       |     |          |     |      |      | • •          |
| 0.8 | 2   | 0    | 734X-0.8     | •     | •   | •        | •   |      | •         | 744X-0.8     |    | •     | •     | •   | •        | •   | •    | •    | •            |
| 1.0 | 2.5 | 0    | 734X-1.0     | •     | •   | •        | •   |      | •         | 744X-1.0     |    | •     | •     | •   | •        | •   | •    | •    | •            |
| 1.0 | 2.5 | 0.08 | 734X-1.0-R08 | •     | •   | •        | •   |      | •         | 744X-1.0-R08 | •  | •     | •     | •   | •        | •   | •    | •    | •            |
| 1.2 | 3   | 0    | 734X-1.2     | •     | •   | •        | •   |      | •         | 744X-1.2     |    | •     | •     | •   | •        | •   | •    | •    | •            |
| 1.5 | 3   | 0    | 734X-1.5     | •     | •   | •        | •   | •    | •         | 744X-1.5     |    | •     | •     | •   | •        | •   | •    | •    | •            |
| 1.5 | 3   | 0.08 | 734X-1.5-R08 | •     | •   | •        | •   |      | •         | 744X-1.5-R08 | •  | •     | •     | •   | •        | •   | •    | •    | •            |
| 1.5 | 3   | 0.15 | -            |       |     |          |     |      |           | 744X-1.5-R15 | •  | •     | •     | •   | •        | •   | •    | •    |              |
| 1.5 | 3   | 0.20 | -            |       |     |          |     |      |           | 744X-1.5-R20 | •  | •     | •     | •   | •        | •   | •    | •    |              |
| 1.8 | 4   | 0    | 734X-1.8     | •     | •   | •        |     |      |           | 744X-1.8     |    | •     | •     | •   | •        | •   | •    | •    |              |
| 2.0 | 4   | 0    | 734X-2.0     | •     | •   | •        | •   |      | •         | 744X-2.0     |    | •     | •     | •   | •        | •   | •    | •    | •            |
| 2.0 | 4   | 0.08 | 734X-2.0-R08 | •     | •   | •        | •   |      | •         | 744X-2.0-R08 | •  | •     | •     | •   | •        | •   | •    | •    |              |
| 2.0 | 4   | 0.15 | -            |       |     |          |     |      |           | 744X-2.0-R15 | •  | •     | •     | •   | •        | •   | •    | •    |              |
| 2.0 | 4   | 0.20 | 734X-2.0-R20 | •     | •   | •        | •   | •    | •         | 744X-2.0-R20 | •  | •     | •     | •   | •        | •   | •    | •    | •            |
| 2.5 | 6   | 0    | 734X-2.5     | •     | •   | •        | •   |      | •         | 744X-2.5     |    | •     | •     | •   | •        | •   | •    | •    | •            |

**7XX-XX-B**

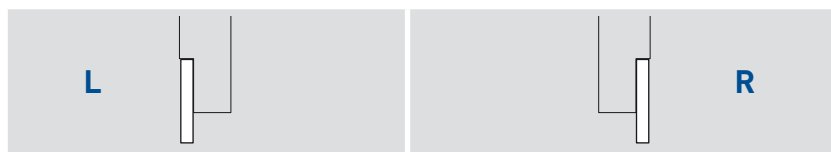
Sur demande pour serrage type B, voir page 1.05

Auf Anfrage für B-Spannsystem, siehe Seite 1.05

On request for B clamping system, see page 1.05



Pour un meilleur contrôle des copeaux  
Für eine bessere Spankontrolle  
For a better chip-control



| a   | E   | L   | L1 | R    | Art. N°         | P     | P   | P        | P   | P    | P   | Art. N°         | P     | P     | P   | P        | P   | P    |
|-----|-----|-----|----|------|-----------------|-------|-----|----------|-----|------|-----|-----------------|-------|-------|-----|----------|-----|------|
|     |     |     |    |      |                 | M     | M   | N        | S   | M    | M   |                 | M     | M     | N   | S        | M   | M    |
| a   | E   | L   | L1 | R    | Art. N°         | TiAlN | TiN | N (µk20) | HTA | HTiN | HAC | Art. N°         | TiAlN | TiAlX | TiN | N (µk20) | HTA | HTiN |
|     |     |     |    |      |                 |       |     |          |     |      |     |                 |       |       |     |          |     |      |
| 10° | 1.0 | 2.5 | 3  | 0.01 | 734ZX10-1.0     | •     | •   |          |     |      |     | 744ZX10-1.0     | •     | •     | •   | •        |     |      |
|     | 1.5 | 4   | 4  | 0.01 | 734ZX10-1.5     | •     | •   |          |     |      |     | 744ZX10-1.5     | •     | •     |     | •        | •   |      |
|     | 1.5 | 4   | 4  | 0.08 | 734ZX10-1.5-R08 | •     | •   |          |     |      |     | 744ZX10-1.5-R08 | •     | •     | •   |          | •   |      |
|     | 2.0 | 4   | 4  | 0.01 | 734ZX10-2.0     | •     | •   |          |     |      |     | 744ZX10-2.0     | •     | •     |     | •        |     |      |
|     | 2.0 | 4   | 4  | 0.08 | 734ZX10-2.0-R08 | •     | •   |          |     |      |     | 744ZX10-2.0-R08 | •     | •     |     | •        |     |      |
|     | 2.5 | 6   | 4  | 0.01 | 734ZX10-2.5     | •     | •   |          |     |      |     | 744ZX10-2.5     | •     | •     |     | •        |     |      |
|     | 2.5 | 6   | 4  | 0.08 | -               |       |     |          |     |      |     | 744ZX10-2.5-R08 | •     | •     |     | •        |     |      |
| 17° | 1.0 | 2.5 | 3  | 0.01 | -               |       |     |          |     |      |     | 744ZX17-1.0     |       |       |     | •        | •   |      |



Arête de coupe honée  
Gehonte Schneidkante  
Honed edge

f min: 0.02 mm/U

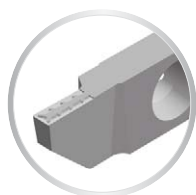
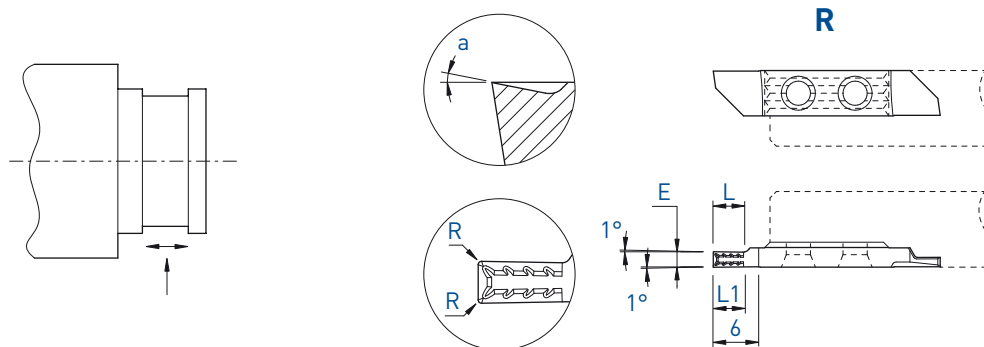
7XX-XX-B



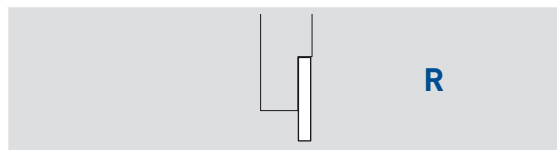
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

**Fonçage-tournage**

Einstechen und drehen  
Grooving and turning

**744ZXT**

Pour un meilleur contrôle des copeaux  
Für eine bessere Spankontrolle  
For a better chip-control



|     |     |     |     |      |                  | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> |
|-----|-----|-----|-----|------|------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| a   | E   | L   | L1  | R    | Art. N°          | ST                                                          | TiAlN                                                       | TiAlX                                                       | TiN                                                         | N [µk20]                                                    | HTA                                                         | HTiN                                                        | HN [µk10]                                                   | KST                                                         | KN [µk10-20]                                                |
| 10° | 1.0 | 2.5 | 2.5 | 0.01 | 744ZXT10-1.0     | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             | ●                                                           |                                                             |                                                             | ●                                                           | ●                                                           |
|     | 1.5 | 4   | 4   | 0.01 | 744ZXT10-1.5     | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             | ●                                                           |                                                             |                                                             | ●                                                           | ●                                                           |
|     | 1.5 | 4   | 4   | 0.08 | 744ZXT10-1.5-R08 | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             | ●                                                           |                                                             |                                                             | ●                                                           | ●                                                           |
|     | 2.0 | 4   | 4   | 0.01 | 744ZXT10-2.0     | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             | ●                                                           |                                                             |                                                             | ●                                                           | ●                                                           |
|     | 2.0 | 4   | 4   | 0.08 | 744ZXT10-2.0-R08 | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             | ●                                                           |                                                             |                                                             | ●                                                           | ●                                                           |
|     | 2.5 | 5   | 5   | 0.01 | 744ZXT10-2.5     | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             | ●                                                           |                                                             |                                                             | ●                                                           | ●                                                           |
|     | 2.5 | 5   | 5   | 0.08 | 744ZXT10-2.5-R08 | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             | ●                                                           |                                                             |                                                             | ●                                                           | ●                                                           |

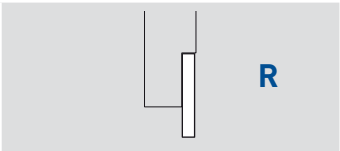
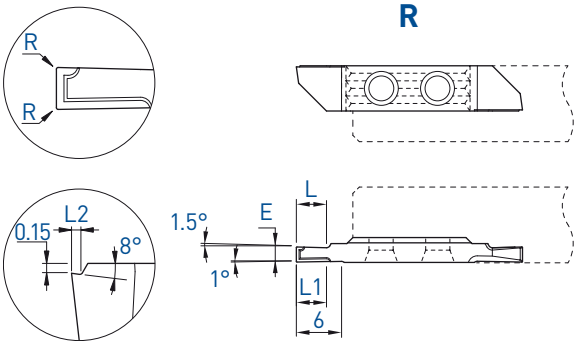


Arête de coupe honée  
Gehonte Schneidkante  
Honed edge

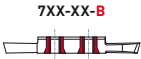
f min: 0.02 mm/U

**7XX-XX-B**

Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



| E   | L   | L1  | L2   | R    | Art. N°            | <div><div><input type="checkbox"/> P<br/><input type="checkbox"/> M<br/><input checked="" type="checkbox"/> N<br/><input checked="" type="checkbox"/> S</div><div><input type="checkbox"/> P<br/><input checked="" type="checkbox"/> M<br/><input checked="" type="checkbox"/> N<br/><input checked="" type="checkbox"/> S</div></div> |              |
|-----|-----|-----|------|------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
|     |     |     |      |      |                    | KCRF                                                                                                                                                                                                                                                                                                                                   | KN (µk10-20) |
| 1.0 | 2.5 | 2   | 0.12 | 0.03 | 744ZF-X812-1.0-R03 | ●                                                                                                                                                                                                                                                                                                                                      | ●            |
|     | 2.5 | 2   | 0.24 | 0.03 | 744ZF-X824-1.0-R03 | ●                                                                                                                                                                                                                                                                                                                                      | ●            |
| 1.5 | 3   | 2.5 | 0.12 | 0.03 | 744ZF-X812-1.5-R03 | ●                                                                                                                                                                                                                                                                                                                                      | ●            |
|     | 3   | 2.5 | 0.24 | 0.03 | 744ZF-X824-1.5-R03 | ●                                                                                                                                                                                                                                                                                                                                      | ●            |
|     | 3   | 2.5 | 0.36 | 0.08 | 744ZF-X836-1.5-R08 | ●                                                                                                                                                                                                                                                                                                                                      | ●            |
| 2.0 | 4   | 3   | 0.12 | 0.03 | 744ZF-X812-2.0-R03 | ●                                                                                                                                                                                                                                                                                                                                      | ●            |
|     | 4   | 3   | 0.24 | 0.03 | 744ZF-X824-2.0-R03 | ●                                                                                                                                                                                                                                                                                                                                      | ●            |
|     | 4   | 3   | 0.36 | 0.08 | 744ZF-X836-2.0-R08 | ●                                                                                                                                                                                                                                                                                                                                      | ●            |
| 2.5 | 6   | 4   | 0.24 | 0.03 | 744ZF-X824-2.5-R03 | ●                                                                                                                                                                                                                                                                                                                                      | ●            |
|     | 6   | 4   | 0.36 | 0.08 | 744ZF-X836-2.5-R08 | ●                                                                                                                                                                                                                                                                                                                                      | ●            |
|     | 6   | 4   | 0.36 | 0.15 | 744ZF-X836-2.5-R15 | ●                                                                                                                                                                                                                                                                                                                                      | ●            |



7XX-XX-B

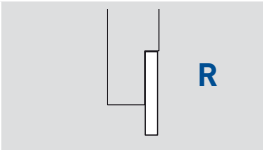
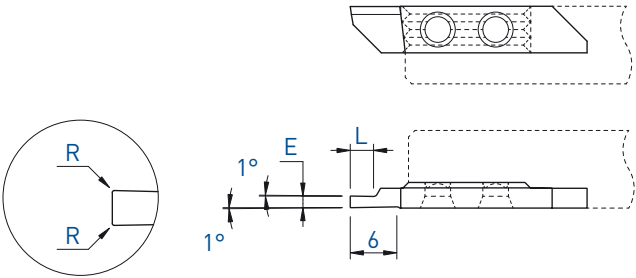
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



Fonçage-tournage  
Einstechen und drehen  
Grooving and turning

744-PCD

R



| E   | L   | R    | Art. N°     | PCD |
|-----|-----|------|-------------|-----|
| 0.8 | 2   | 0    | 744-0.8     | ●   |
| 0.8 | 2   | 0.08 | 744-0.8-R08 | ●   |
| 1.0 | 2.5 | 0    | 744-1.0     | ●   |
| 1.0 | 2.5 | 0.08 | 744-1.0-R08 | ●   |
| 1.5 | 3   | 0    | 744-1.5     | ●   |
| 1.5 | 3   | 0.08 | 744-1.5-R08 | ●   |
| 1.5 | 3   | 0.15 | 744-1.5-R15 | ●   |
| 1.5 | 3   | 0.20 | 744-1.5-R20 | ●   |
| 2.0 | 4   | 0    | 744-2.0     | ●   |
| 2.0 | 4   | 0.08 | 744-2.0-R08 | ●   |
| 2.0 | 4   | 0.15 | 744-2.0-R15 | ●   |
| 2.0 | 4   | 0.20 | 744-2.0-R20 | ●   |
| 2.5 | 6   | 0    | 744-2.5     | ●   |
| 2.5 | 6   | 0.08 | 744-2.5-R08 | ●   |
| 2.5 | 6   | 0.15 | 744-2.5-R15 | ●   |
| 2.5 | 6   | 0.20 | 744-2.5-R20 | ●   |

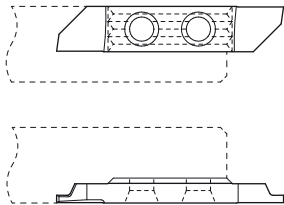
Uniquement 1 arête de coupe  
Nur 1 Schneidekante  
Only 1 cutting edge

7XX-XX-B

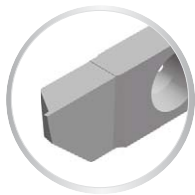
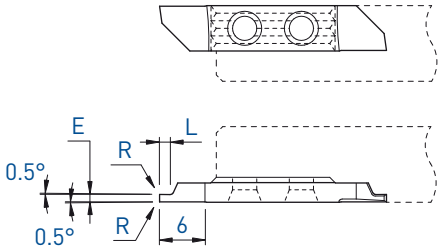


Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

L



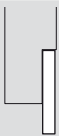
R



L



R



| E<br>± 0.01 | L   | R | Art. N°  | P     | P   | P        | P   | P    | P         | Art. N°  | P     | P   | P        | P   | P    | P         |
|-------------|-----|---|----------|-------|-----|----------|-----|------|-----------|----------|-------|-----|----------|-----|------|-----------|
|             |     |   |          | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |          | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |
| 0.2         | 0.2 | 0 | 735-0202 | •     | •   | •        |     |      |           | 745-0202 | •     | •   | •        | •   |      | •         |
| 0.3         | 0.3 | 0 | 735-0303 | •     | •   | •        |     |      |           | 745-0303 | •     | •   | •        | •   |      | •         |
| 0.4         | 0.4 | 0 | 735-0404 | •     | •   | •        |     |      |           | 745-0404 | •     | •   | •        | •   |      | •         |

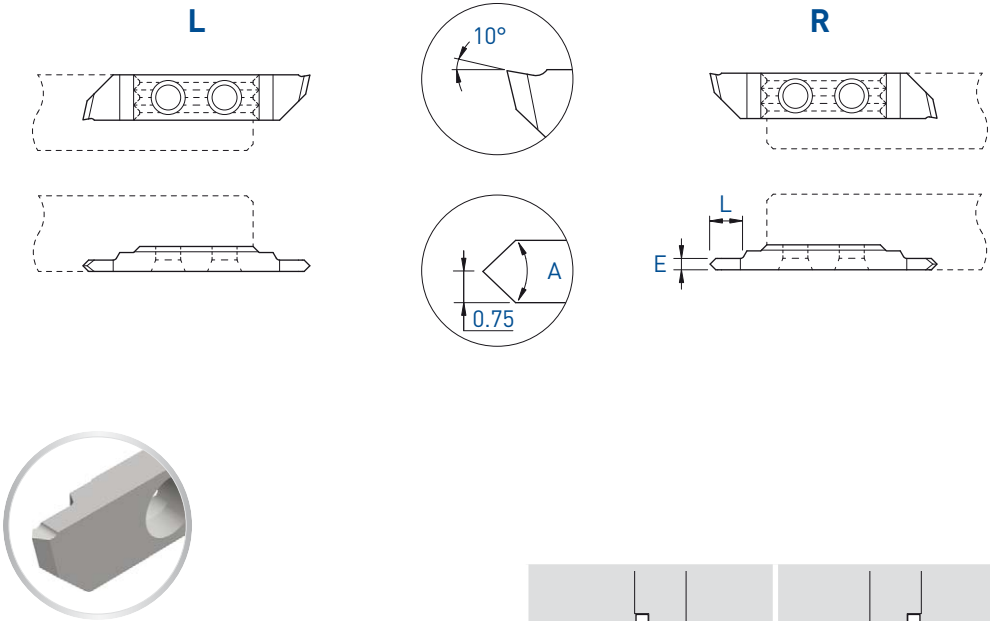
7XX-XX-B

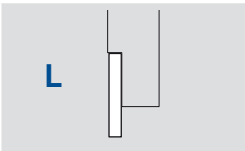
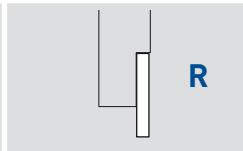


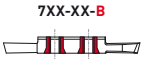
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Gorges  
Einstechen  
Grooving

735X-90 / 745X-90



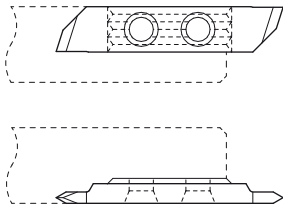
|     |     |   |  |                                                                   |                                                                |  |             |                                                                   |                                                                |                                                                    |
|-----|-----|---|-----------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------|
| A   | E   | L | Art. N°                                                                           | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> TiAlN | <div><div>P</div><div>M</div><div>N</div><div></div></div> TiN | <div><div>P</div><div></div><div></div><div>S</div></div> N (µk20)                 | Art. N°     | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> TiAlN | <div><div>P</div><div>M</div><div>N</div><div></div></div> TiN | <div><div>P</div><div></div><div></div><div>S</div></div> N (µk20) |
| 90° | 1.5 | 4 | 735X-90-1.5                                                                       | ●                                                                 | ●                                                              |                                                                                    | 745X-90-1.5 | ●                                                                 | ●                                                              |                                                                    |



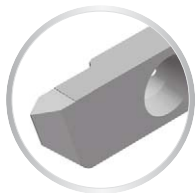
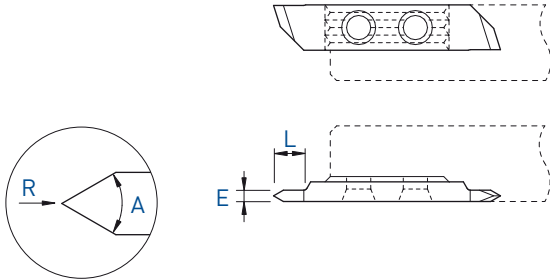
7XX-XX-B

Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

L



R



Profil partiel  
Teilprofil  
Partial profile

L

R

| A   | E   | L | R    | Art. N°        | P     | P   | P        | P   | P    | P         | Art. N°        | P     | P   | P        | P   | P    | P         | P            |
|-----|-----|---|------|----------------|-------|-----|----------|-----|------|-----------|----------------|-------|-----|----------|-----|------|-----------|--------------|
|     |     |   |      |                | TiAlN | TiN | N (µk20) | HTA | HTIN | HN (µk10) |                | TiAlN | TiN | N (µk20) | HTA | HTIN | HN (µk10) | KN (µk10-20) |
| 60° | 1.5 | 4 | 0    | 736-60-1.5     | •     | •   | •        |     |      |           | 746-60-1.5     | •     | •   | •        |     |      |           | •            |
| 60° | 1.5 | 4 | 0.02 | 736-60-1.5-R02 | •     | •   | •        | •   | •    | •         | 746-60-1.5-R02 | •     | •   | •        | •   |      | •         | •            |
| 60° | 2.0 | 6 | 0    | 736-60-2.0     | •     | •   | •        |     |      |           | 746-60-2.0     | •     | •   | •        |     |      |           | •            |
| 60° | 2.0 | 6 | 0.02 | 736-60-2.0-R02 | •     | •   | •        | •   | •    | •         | 746-60-2.0-R02 | •     | •   | •        | •   | •    | •         |              |
| 55° | 1.5 | 4 | 0    | 736-55-1.5     | •     | •   | •        |     |      |           | 746-55-1.5     | •     | •   | •        |     |      |           |              |
| 55° | 1.5 | 4 | 0.02 | 736-55-1.5-R02 | •     | •   | •        |     |      |           | 746-55-1.5-R02 | •     | •   | •        |     |      |           |              |
| 55° | 2.0 | 6 | 0    | 736-55-2.0     | •     | •   | •        |     |      |           | 746-55-2.0     | •     | •   | •        |     |      |           |              |
| 55° | 2.0 | 6 | 0.02 | 736-55-2.0-R02 | •     | •   | •        |     |      |           | 746-55-2.0-R02 | •     | •   |          |     |      |           | •            |

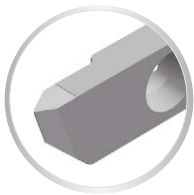
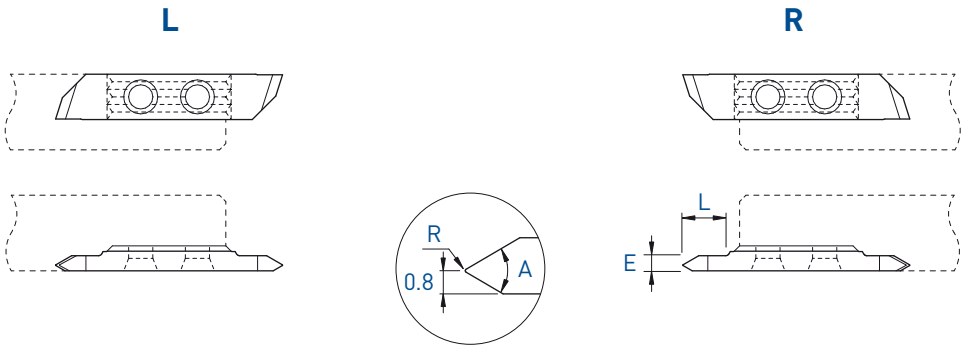
7XX-XX-B



Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Filetage  
Gewinde drehen  
Threading

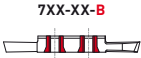
736-A60° / 746-A60°



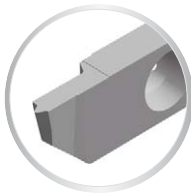
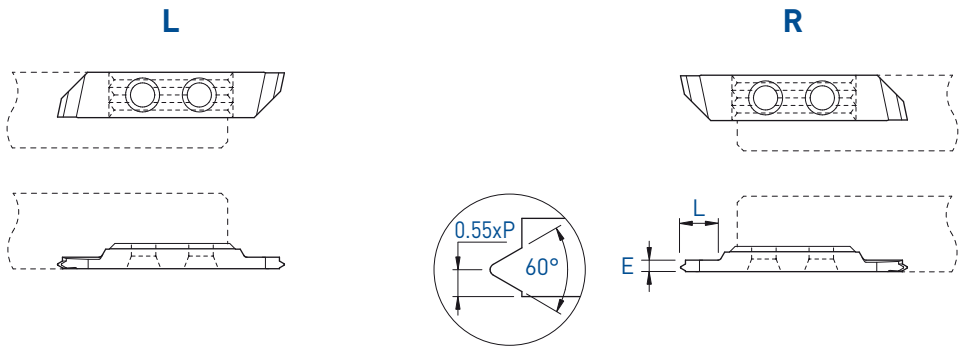
Profil partiel  
Teilprofil  
Partial profile

|     |     |   |      |                               | <div>L</div> |       |     |          |     |      | <div>R</div> |          |       |     |          |     |      |           |
|-----|-----|---|------|-------------------------------|--------------|-------|-----|----------|-----|------|--------------|----------|-------|-----|----------|-----|------|-----------|
| A   | E   | L | R    | Pas<br>Steigung<br>Pitch<br>P | Art. N°      | TiAlN | TiN | N [µk20] | HTA | HTiN | HN [µk10]    | Art. N°  | TiAlN | TiN | N [µk20] | HTA | HTiN | HN [µk10] |
| 60° | 2.0 | 6 | 0.06 | 0.50-1.50                     | 736-A60°     | ●     | ●   | ●        |     |      |              | 746-A60° | ●     | ●   | ●        | ●   |      | ●         |

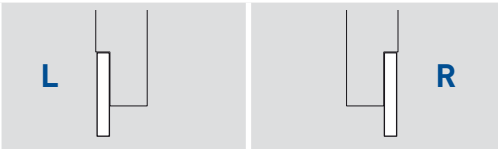
Plaquettes de filetage avec coupe positive 2°, voir page 1.157  
WSP Gewindedrehen mit positivem Schnitt 2°, siehe Seite 1.157  
Threading inserts with positive cut 2°, see page 1.157



Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

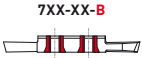


Profil complet métrique  
Metrisches Vollprofil  
Metric full profile



| Pas<br>Steigung<br>Pitch<br>P | E   | L   | Art. N°    | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> |     |          | Art. N°    | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> |     |          |
|-------------------------------|-----|-----|------------|-------------------------------------------------------------|-----|----------|------------|-------------------------------------------------------------|-----|----------|
|                               |     |     |            | TiAlN                                                       | TiN | N (µk20) |            | TiAlN                                                       | TiN | N (µk20) |
| 0.25                          | 1.0 | 3   | 736-M-0.25 | ●                                                           | ●   | ●        | 746-M-0.25 | ●                                                           | ●   | ●        |
| 0.30                          | 1.0 | 3   | 736-M-0.30 | ●                                                           | ●   | ●        | 746-M-0.30 | ●                                                           | ●   | ●        |
| 0.35                          | 1.0 | 3   | 736-M-0.35 | ●                                                           | ●   | ●        | 746-M-0.35 | ●                                                           | ●   | ●        |
| 0.40                          | 1.0 | 3   | 736-M-0.40 | ●                                                           | ●   | ●        | 746-M-0.40 | ●                                                           | ●   | ●        |
| 0.45                          | 1.0 | 3   | 736-M-0.45 | ●                                                           | ●   | ●        | 746-M-0.45 | ●                                                           | ●   | ●        |
| 0.50                          | 1.0 | 3   | 736-M-0.50 | ●                                                           | ●   | ●        | 746-M-0.50 | ●                                                           | ●   | ●        |
| 0.60                          | 1.0 | 3   | 736-M-0.60 | ●                                                           | ●   | ●        | 746-M-0.60 | ●                                                           | ●   | ●        |
| 0.70                          | 1.0 | 3   | 736-M-0.70 | ●                                                           | ●   | ●        | 746-M-0.70 | ●                                                           | ●   | ●        |
| 0.75                          | 1.0 | 3   | 736-M-0.75 | ●                                                           | ●   | ●        | 746-M-0.75 | ●                                                           | ●   | ●        |
| 0.80                          | 1.5 | 4.5 | 736-M-0.80 | ●                                                           | ●   | ●        | 746-M-0.80 | ●                                                           | ●   | ●        |
| 1.00                          | 1.5 | 4.5 | 736-M-1.00 | ●                                                           | ●   | ●        | 746-M-1.00 | ●                                                           | ●   | ●        |
| 1.25                          | 1.5 | 4.5 | 736-M-1.25 | ●                                                           | ●   | ●        | 746-M-1.25 | ●                                                           | ●   | ●        |
| 1.50                          | 2.0 | 6   | 736-M-1.50 | ●                                                           | ●   | ●        | 746-M-1.50 | ●                                                           | ●   | ●        |
| 1.75                          | 2.0 | 6   | 736-M-1.75 | ●                                                           | ●   | ●        | 746-M-1.75 | ●                                                           | ●   | ●        |

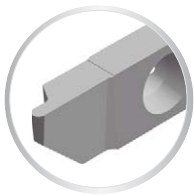
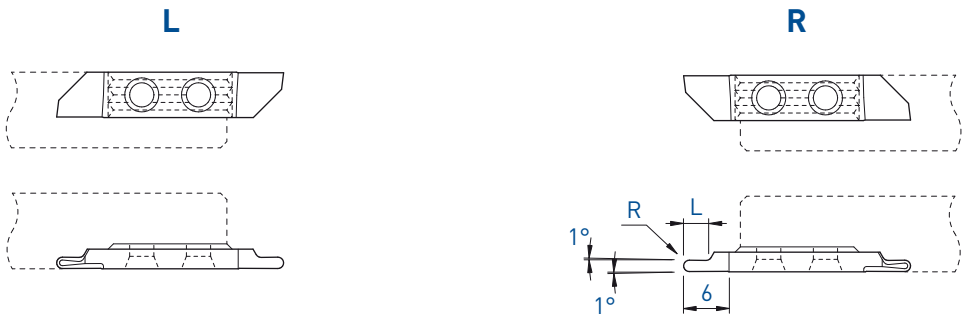
Plaquettes de filetage avec coupe positive 2°, voir page 1.158  
WSP Gewindedrehen mit positivem Schnitt 2°, siehe Seite 1.158  
Threading inserts with positive cut 2°, see page 1.158

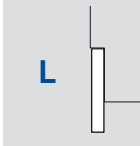
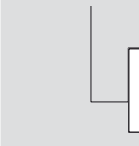


Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Plaquettes à rayon  
Radius Wendeplatten  
Radius inserts

737 / 747



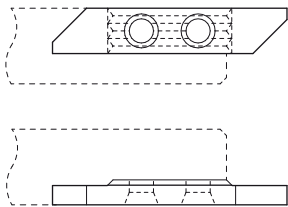
|      |     |                                |   |   |   |                               |   |   |   |
|------|-----|-----------------------------------------------------------------------------------------------------------------|---|---|---|-----------------------------------------------------------------------------------------------------------------|---|---|---|
|      |     | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> <div>TiAlN</div> <div>TiN</div> <div>N (µk20)</div> |   |   |   | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> <div>TiAlN</div> <div>TiN</div> <div>N (µk20)</div> |   |   |   |
| R    | L   | Art. N°                                                                                                         |   |   |   | Art. N°                                                                                                         |   |   |   |
| 0.25 | 1.5 | -                                                                                                               |   |   |   | 747-R0.25                                                                                                       | ● | ● | ● |
| 0.40 | 2   | -                                                                                                               |   |   |   | 747-R0.4                                                                                                        | ● | ● | ● |
| 0.50 | 2.5 | 737-R0.5                                                                                                        | ● | ● | ● | 747-R0.5                                                                                                        | ● | ● | ● |
| 0.60 | 2.5 | 737-R0.6                                                                                                        | ● | ● | ● | 747-R0.6                                                                                                        | ● | ● | ● |
| 0.75 | 3   | 737-R0.75                                                                                                       | ● | ● | ● | 747-R0.75                                                                                                       | ● | ● | ● |
| 0.80 | 3   | 737-R0.8                                                                                                        | ● | ● | ● | 747-R0.8                                                                                                        | ● | ● | ● |
| 1.00 | 4   | 737-R1.0                                                                                                        | ● | ● | ● | 747-R1.0                                                                                                        | ● | ● | ● |

7XX-XX-B

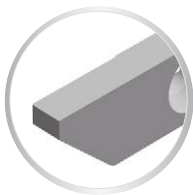
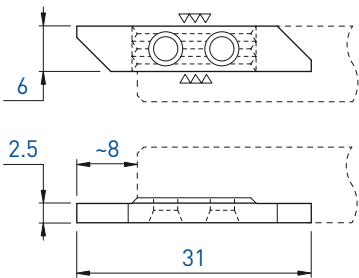


Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

L



R



| L                                                                                  |                            |                            | R                                                                                   |                            |                            |
|------------------------------------------------------------------------------------|----------------------------|----------------------------|-------------------------------------------------------------------------------------|----------------------------|----------------------------|
|  |                            |                            |  |                            |                            |
| Art. N°                                                                            | <input type="checkbox"/> P | <input type="checkbox"/> P | Art. N°                                                                             | <input type="checkbox"/> P | <input type="checkbox"/> P |
|                                                                                    | <input type="checkbox"/> S | <input type="checkbox"/> N |                                                                                     | <input type="checkbox"/> S | <input type="checkbox"/> N |
|                                                                                    | <input type="checkbox"/> S | <input type="checkbox"/> S |                                                                                     | <input type="checkbox"/> S | <input type="checkbox"/> S |
|                                                                                    | N (µk20)                   | HN (µk10)                  |                                                                                     | N (µk20)                   | HN (µk10)                  |
| 731-E                                                                              | •                          | •                          | 741-E                                                                               | •                          | •                          |

7XX-XX-B



Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



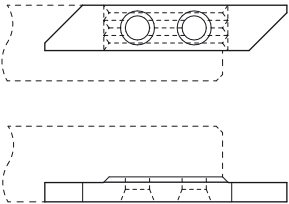
Plaquettes ébauches

WSP-Rohlinge

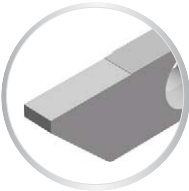
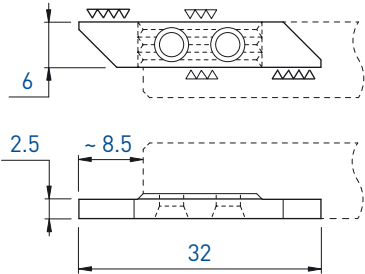
Blank inserts

731-EP / 741-EP

L



R



Face de coupe polie  
Polierte Schneidfläche  
Polished cutting face

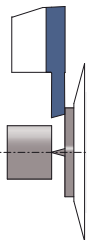
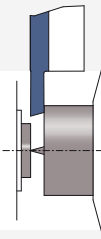
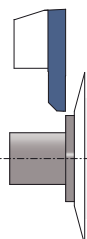
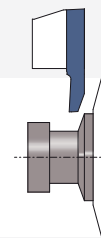
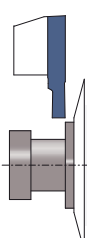
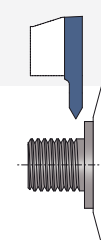
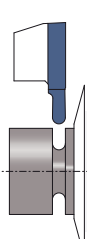
| L       |       |     |          |     |      |           |     | R  |       |     |          |     |      |           |     |
|---------|-------|-----|----------|-----|------|-----------|-----|----|-------|-----|----------|-----|------|-----------|-----|
|         |       |     |          |     |      |           |     |    |       |     |          |     |      |           |     |
| Art. N° | P     | P   | P        | P   | P    | P         | P   | P  | P     | P   | P        | P   | P    | P         | P   |
|         | M     | M   |          | M   | M    |           | M   | M  | M     | M   |          | M   | M    | M         | M   |
|         | N     | N   |          | N   | N    | N         | N   | N  | N     | N   | N        | N   | N    | N         | N   |
|         | S     |     | S        | S   |      | S         | S   | S  | S     |     | S        | S   |      | S         | S   |
| Art. N° | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) | KST | KN | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) | KST |
|         |       |     |          |     |      |           |     |    |       |     |          |     |      |           |     |
| 731-EP  | •     | •   | •        | •   | •    | •         | •   | •  | •     | •   | •        | •   | •    | •         | •   |
| 741-EP  | •     | •   | •        | •   | •    | •         | •   | •  | •     | •   | •        | •   | •    | •         | •   |

7XX-XX-B



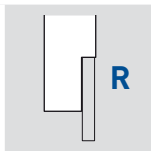
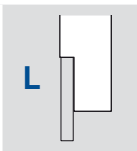
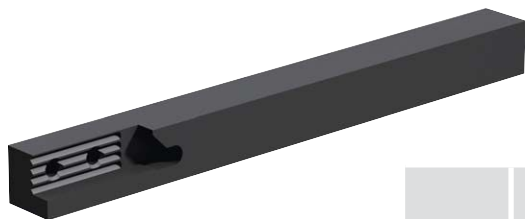
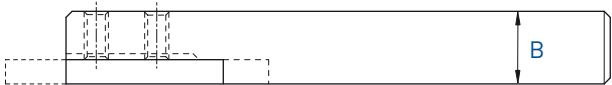
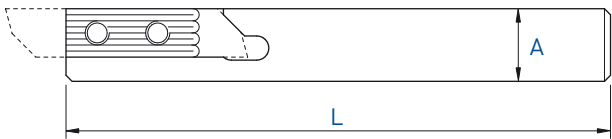
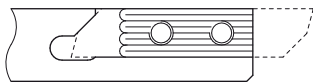
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

| L    |           |             | R    |             |             |
|------|-----------|-------------|------|-------------|-------------|
| Type |           | Page        | Type |             | Page        |
| 750  | 750       | 1.92        | 760  | 760         | 1.92        |
|      | 750-JET   | 1.93        |      | 760-D-JET   | 1.99        |
|      | 750RC     | 1.94        |      | 760-JET     | 1.93        |
| 751  | 751       | 1.101       |      | 760-NOVIBRA | 1.96        |
|      | 751-E     | 1.162       |      | 760/750-D   | 1.97/1.98   |
|      | 751-EP    | 1.163       |      | 760/750-AX  | 1.100       |
|      | 751-R05   | 1.103       | 761  | 760LC       | 1.95        |
|      | 751NX840  | 1.104       |      | 761         | 1.101       |
|      | 751NXF    | 1.112/1.124 |      | 761-E       | 1.162       |
|      | 751R      | 1.114       |      | 761-EP      | 1.163       |
|      | 751R-PCD  | 1.127       |      | 761-PCD     | 1.113       |
|      | 751R-R05  | 1.116       |      | 761-R05     | 1.103       |
|      | 751RAS    | 1.126       |      | 761L        | 1.114       |
|      | 751RD     | 1.125       |      | 761L-R05    | 1.116       |
|      | 751RS     | 1.115       |      | 761LD       | 1.125       |
|      | 751RU     | 1.122       |      | 761LS       | 1.115       |
|      | 751RZU    | 1.123       |      | 761LX12     | 1.119       |
|      | 751RX12   | 1.119       |      | 761LX25     | 1.120       |
|      | 751RX25   | 1.120       |      | 761LX4      | 1.117       |
|      | 751RX4    | 1.117       |      | 761LXF      | 1.118       |
|      | 751RX840  | 1.121       |      | 761NXF      | 1.112/1.124 |
|      | 751RXF    | 1.118       |      | 761NX840    | 1.104       |
|      | 751S      | 1.102       |      | 761S        | 1.102       |
|      | 751U      | 1.110       |      | 761U        | 1.110       |
|      | 751X12    | 1.107       |      | 761ZU       | 1.111       |
|      | 751X25    | 1.108       |      | 761X12      | 1.107       |
|      | 751X4     | 1.105       |      | 761X25      | 1.108       |
|      | 751XF     | 1.106       |      | 761X4       | 1.105       |
| 752  | 752       | 1.128       |      | 761X840     | 1.109       |
|      | 752PX     | 1.129       |      | 761XF       | 1.106       |
|      | 752S      | 1.135       | 762  | 761ZU       | 1.111       |
|      | 752X      | 1.130       |      | 762         | 1.128       |
| 753  | 753       | 1.137       |      | 762PX       | 1.129       |
|      | 753P      | 1.146       |      | 762S        | 1.135       |
|      | 753S      | 1.136       |      | 762X        | 1.130       |
|      | 753VX-15° | 1.143       |      | 762VUX      | 1.132       |
|      | 753VX-8°  | 1.140       |      | 762VX-800   | 1.131       |
|      | 753VX-805 | 1.141       |      | 762ZF-X     | 1.134       |
|      | 753X      | 1.138       | 763  | 762ZX       | 1.133       |
|      | 753XS     | 1.139       |      | 763         | 1.137       |
|      | 753ZX     | 1.145       |      | 763P        | 1.146       |
| 754  | 754       | 1.147       |      | 763S        | 1.136       |
|      | 754VS     | 1.148       |      | 763VUX      | 1.144       |
|      | 754X      | 1.149       |      | 763VX-15°   | 1.143       |
|      | 754ZX     | 1.152       |      | 763VX-8°    | 1.140       |
|      | 754ZXT    | 1.154       |      | 763VX-800   | 1.142       |
| 756  | 756       | 1.156       |      | 763VX-805   | 1.141       |
|      | 756-AG60° | 1.157       |      | 763X        | 1.138       |
|      | 756-G60°  | 1.157       |      | 763XS       | 1.139       |
|      | 756-M     | 1.158       | 764  | 763ZX       | 1.145       |
| 757  | 757       | 1.160       |      | 764         | 1.147       |
|      | 757ZX     | 1.161       |      | 764VS       | 1.148       |
|      |           |             |      | 764X        | 1.149       |
|      |           |             |      | 764X5-EP    | 1.150       |
|      |           |             |      | 764X10-EP   | 1.151       |
|      |           |             |      | 764ZF-X     | 1.155       |
|      |           |             |      | 764ZX       | 1.152       |
|      |           |             |      | 764ZXB      | 1.153       |
|      |           |             |      | 764ZXT      | 1.154       |
|      |           |             | 766  | 766         | 1.156       |
|      |           |             |      | 766-AG60°   | 1.157       |
|      |           |             |      | 766-G60°    | 1.157       |
|      |           |             |      | 766-M       | 1.158       |
|      |           |             |      | 766ZX       | 1.159       |
|      |           |             | 767  | 767         | 1.160       |
|      |           |             |      | 767ZX       | 1.161       |

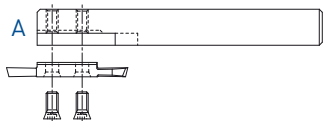
|                                                                                     |                                                                                       |                                                                                    |                                                                                                                      |         |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------|
|                                                                                     |                                                                                       | <b>750 / 760</b><br>Porte-outils<br>Halter<br>Holders                              |                                                                                                                      | > 1.92  |
|    | <b>751 / 761</b><br>Tronçonnage<br>Abstechen<br>Parting off                           |   | <b>761L / 751R</b><br>Tronçonnage - coupe déportée<br>Abstechen - versetztes Schneiden<br>Parting off - cut off line | > 1.101 |
|    | <b>752 / 762</b><br>Tournage avant<br>Vorwärts drehen<br>Front turning                |   | <b>753 / 763</b><br>Tournage arrière<br>Rückwärts drehen<br>Back turning                                             | > 1.128 |
|   | <b>754 / 764</b><br>Fonçage-tournage<br>Einstechen und drehen<br>Grooving and turning |  | <b>756 / 766</b><br>Filetage<br>Gewinde drehen<br>Threading                                                          | > 1.147 |
|  | <b>757 / 767</b><br>Plaquettes à rayon<br>Radius Wendeplatten<br>Radius inserts       |                                                                                    |                                                                                                                      |         |
|                                                                                     |                                                                                       | Plaquettes ébauches<br>WSP-Rohlinge<br>Blank inserts                               |                                                                                                                      | > 1.162 |

L

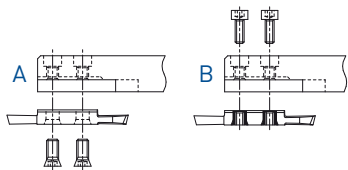
R



Serrage standard A  
Standard Spannsystem A  
Standard clamping system A



Serrage A + B  
Spannsystem A + B  
Clamping system A + B



| A x B       | L   | Serrage<br>Spannsystem<br>Clamping | Art. N°      | Art. N°      |
|-------------|-----|------------------------------------|--------------|--------------|
| 10 x 10     | 115 | A                                  | 750-10       | 760-10       |
| 10 x 10     | 115 | A + B                              | 750-10-AB    | 760-10-AB    |
| 10 x 10     | 50  | A                                  | 750-10-50    | 760-10-50    |
| 12 x 12     | 130 | A                                  | 750-12       | 760-12       |
| 12 x 12     | 130 | A + B                              | 750-12-AB    | 760-12-AB    |
| 12 x 12     | 90  | A                                  | 750-12-90    | 760-12-90    |
| 12 x 12     | 90  | A + B                              | 750-12-90-AB | 760-12-90-AB |
| 12.7 x 12.7 | 130 | A + B                              | 750-12.7     | 760-12.7     |
| 14 x 14     | 130 | A + B                              | 750-14       | 760-14       |
| 16 x 16     | 130 | A + B                              | 750-16       | 760-16       |
| 16 x 16     | 75  | A + B                              | 750-16-75    | 760-16-75    |
| 20 x 20     | 120 | A + B                              | 750-20       | 760-20       |
| 25 x 25     | 140 | A                                  | 760/750-25   |              |

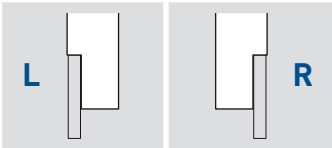
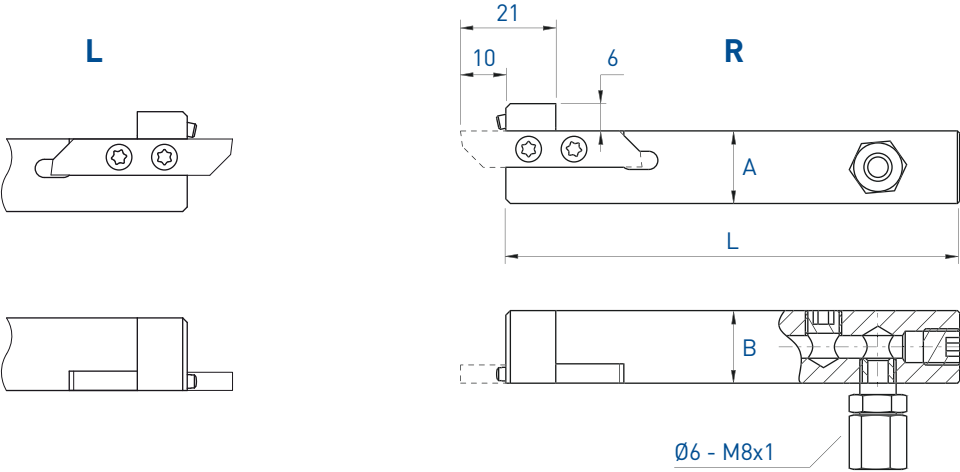
760/750-25  
R + L



Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

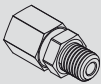
Porte-outils avec arrosage intégré  
Halter mit integrierter Kühlmittelzufuhr  
Holders with integrated coolant supply

750-JET / 760-JET



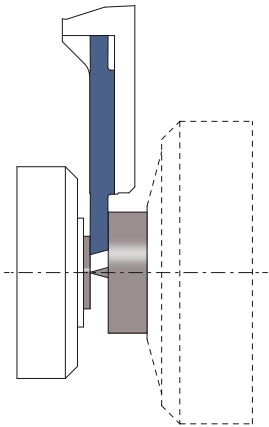
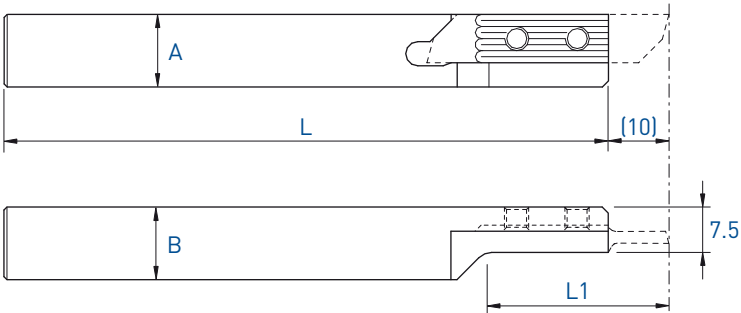
| A x B       | L   | Serrage<br>Spannsystem<br>Clamping | Art. N°      | Art. N°         |
|-------------|-----|------------------------------------|--------------|-----------------|
| 10 x 12     | 100 | A + B                              | 750-1012-JET | 760-1012-JET    |
| 10 x 12     | 80  | A + B                              | -            | 760-1012-80-JET |
| 12 x 12     | 100 | A + B                              | 750-12-JET   | 760-12-JET      |
| 12.7 x 12.7 | 100 | A + B                              | 750-12.7-JET | 760-12.7-JET    |
| 16 x 16     | 100 | A + B                              | 750-16-JET   | 760-16-JET      |
| 20 x 20     | 100 | A + B                              | 750-20-JET   | 760-20-JET      |

Chaque support est livré avec une ou plusieurs vis.  
Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben  
geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws.  
The keys must be ordered separately.

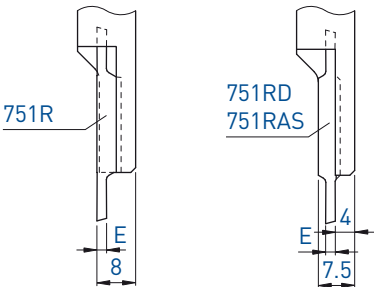
| Pièces de rechange<br>Ersatzteile<br>Spare parts |  |  | Buses<br>Düsen<br>Nozzles<br> |
|--------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|                                                  | Art. N°                                                                             | Art. N°                                                                              | Art. N°                                                                                                            |
| 750-JET / 760-JET                                | J-M8X1-D6                                                                           | JB-M8X1                                                                              | JJ-M3X6-D1.5<br>More option<br>see JET-Line                                                                        |

Utiliser des plaquettes type 751R  
WSP Typ 751R verwenden  
Use inserts type 751R

Voir pages 1.114 - 1.127  
Siehe Seiten 1.114 - 1.127  
See pages 1.114 - 1.127



| <div> <div></div> <div>L (R)</div> <div>           Coupe à droite déportée<br/>           Versetztes Rechtsschneiden<br/>           Right cut off line         </div> </div> |     |    |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|-------------------|
| A x B                                                                                                                                                                        | L   | L1 | Art. N°           |
| 12 x 12                                                                                                                                                                      | 130 | 30 | <b>750RC-12</b>   |
| 12.7 x 12.7                                                                                                                                                                  | 130 | 30 | <b>750RC-12.7</b> |
| 16 x 16                                                                                                                                                                      | 130 | 40 | <b>750RC-16</b>   |



(p. 1.114 + 1.125 + 1.126)

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

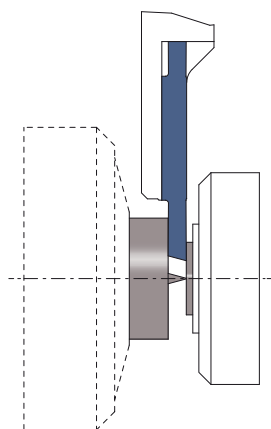
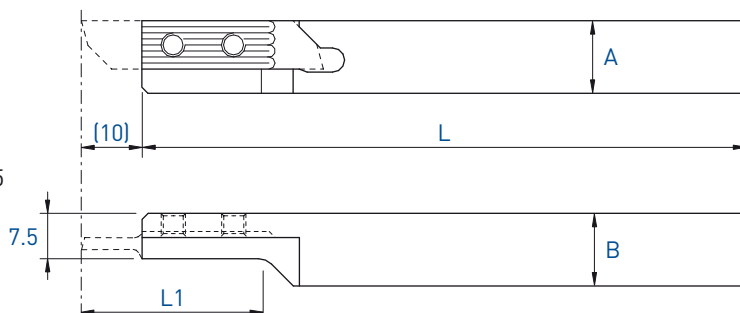
## Porte-outils

Halter  
Holders

760LC

Utiliser des plaquettes type 761L  
WSP Typ 761L verwenden  
Use insets type 761L

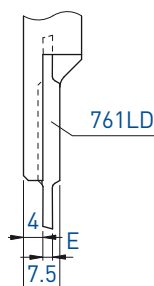
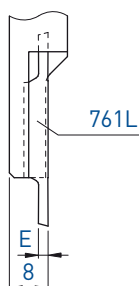
Voir pages 1.114 - 1.120 + 1.125  
Siehe Seiten 1.114 - 1.120 + 1.125  
See pages 1.114 - 1.120 + 1.125



R (L)

Coupe à gauche déportée  
Versetztes Linksschneiden  
Left cut off line

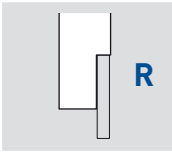
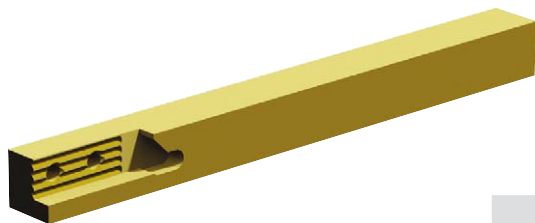
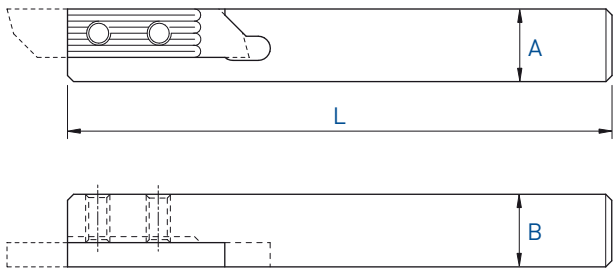
| A x B   | L   | L1 | Art. N°  |
|---------|-----|----|----------|
| 16 x 16 | 130 | 40 | 760LC-16 |



(p. 1.114)

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

R



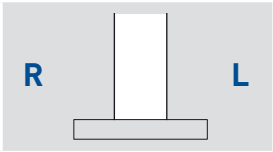
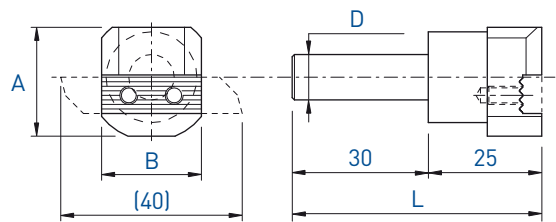
| A x B   | L   | Serrage<br>Spannsystem<br>Clamping | Art. N°        |
|---------|-----|------------------------------------|----------------|
| 10 x 10 | 115 | A                                  | 760-10-NOVIBRA |
| 12 x 12 | 115 | A                                  | 760-12-NOVIBRA |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.



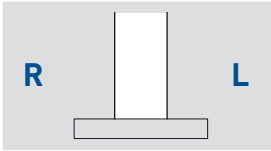
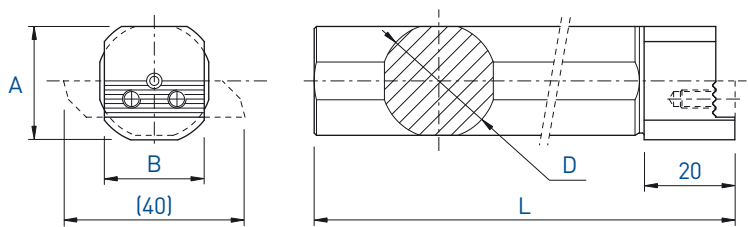
Porte-outils  
Halter  
Holders

760 / 750-D10



| A x B   | L  | D  | Art. N°     |
|---------|----|----|-------------|
| 24 x 22 | 55 | 10 | 760/750-D10 |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

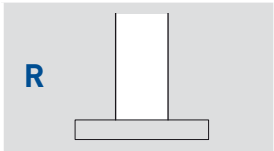
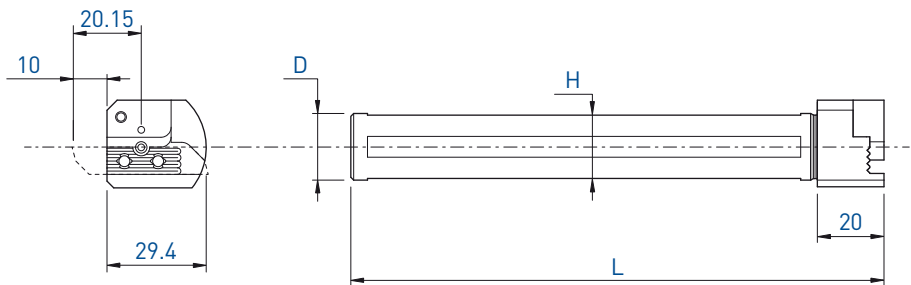


| A x B   | L   | D     | Art. N°          |
|---------|-----|-------|------------------|
| 25 x 22 | 160 | 16    | 760/750-D16      |
| 25 x 22 | 160 | 19.05 | 760/750-D19.05   |
| 25 x 22 | 110 | 19.05 | 760/750-D19.05-S |
| 25 x 22 | 160 | 20    | 760/750-D20      |
| 25 x 22 | 110 | 22    | 760/750-D22      |
| 25 x 22 | 200 | 25    | 760/750-D25      |
| 25 x 22 | 200 | 25.4  | 760/750-D25.4    |
| 25 x 22 | 125 | 25.4  | 760/750-D25.4-S  |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

Porte-outils frontal avec arrosage intégré  
Frontaler Halter mit integrierter Kühlmittelzufuhr  
Front holder with integrated coolant supply

760-D-JET

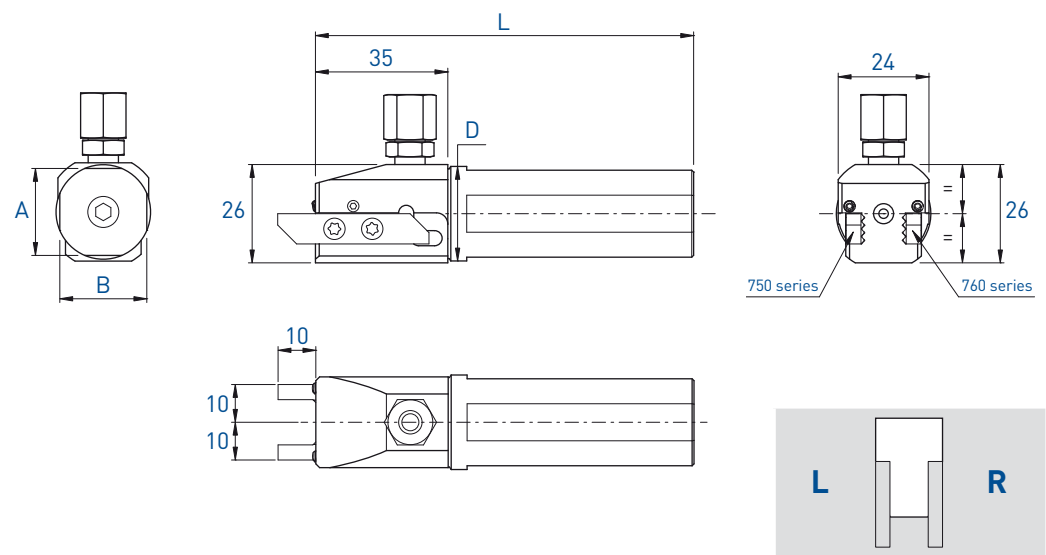


| D     | H  | L   | Art. N°            |
|-------|----|-----|--------------------|
| 16    | 15 | 160 | 760-D16-160-JET    |
| 19.05 | 18 | 160 | 760-D19.05-160-JET |
| 19.05 | 18 | 110 | 760-D19.05-110-JET |
| 20    | 19 | 160 | 760-D20-160-JET    |
| 22    | 20 | 110 | 760-D22-110-JET    |
| 25    | 24 | 200 | 760-D25-200-JET    |
| 25.4  | 24 | 200 | 760-D25.4-200-JET  |
| 25.4  | 24 | 125 | 760-D25.4-125-JET  |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

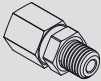
760 / 750-AX-JET

Porte-outils  
Halter  
Holders



| A x B   | L   | D    | Art. N°              |
|---------|-----|------|----------------------|
| 23 x 23 | 100 | 25   | 760/750-AX-D25-JET   |
| 23 x 23 | 100 | 25,4 | 760/750-AX-D25,4-JET |

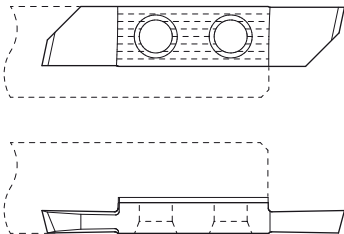
Chaque support est livré avec une ou plusieurs vis.  
Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben  
geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws.  
The keys must be ordered separately.

| Pièces de rechange<br>Ersatzteile<br>Spare parts |  |  | Buses<br>Düsen<br>Nozzles<br> |
|--------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|                                                  | Art. N°                                                                             | Art. N°                                                                             | Art. N°                                                                                                            |
| 760/750-AX                                       | J-M8X1-D6                                                                           | JB-M8X1                                                                             | JJ-M3X6-D1.5                                                                                                       |
|                                                  |                                                                                     |                                                                                     | More option<br>see JET-Line                                                                                        |

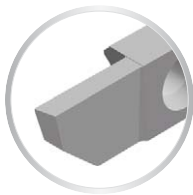
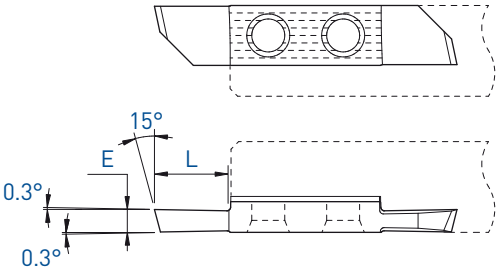
Tronçonnage  
Abstechen  
Parting off

751 / 761

L



R



L



R



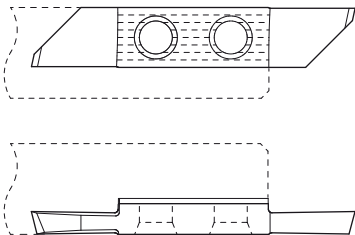
| E   | L   | Art. N° | P     | P   | P        | P   | P    | P         | Art. N° | P | P | P     | P     | P   | P        | P   |      |           |
|-----|-----|---------|-------|-----|----------|-----|------|-----------|---------|---|---|-------|-------|-----|----------|-----|------|-----------|
|     |     |         | M     | M   |          | M   | M    |           |         | M | M | M     |       | M   | M        |     |      |           |
|     |     |         | N     | N   |          | N   | N    |           |         | N | N | N     |       | N   | N        |     |      |           |
|     |     |         | S     |     | S        | S   |      | S         |         | S | S |       | S     | S   |          | S   |      |           |
|     |     |         | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |         |   |   | TiAlN | TiAlX | TiN | N (µk20) | HTA | HTiN | HN (µk10) |
| 1.0 | 5   | 751-1.0 | ●     | ●   | ●        | ●   | ●    | ●         | 761-1.0 | ● | ● | ●     | ●     | ●   | ●        | ●   | ●    | ●         |
| 1.2 | 5   | 751-1.2 | ●     | ●   | ●        |     |      |           | 761-1.2 | ● | ● | ●     | ●     | ●   |          |     |      | ●         |
| 1.5 | 7.5 | 751-1.5 | ●     | ●   | ●        | ●   |      | ●         | 761-1.5 | ● | ● | ●     | ●     | ●   | ●        | ●   | ●    | ●         |
| 1.8 | 7.5 | 751-1.8 | ●     | ●   | ●        |     |      |           | 761-1.8 | ● | ● | ●     | ●     | ●   | ●        | ●   | ●    | ●         |
| 2.0 | 10  | 751-2.0 | ●     | ●   | ●        |     | ●    | ●         | 761-2.0 | ● | ● | ●     | ●     | ●   | ●        | ●   | ●    | ●         |
| 2.2 | 10  | 751-2.2 | ●     | ●   | ●        |     |      |           | 761-2.2 | ● | ● | ●     | ●     | ●   | ●        | ●   | ●    | ●         |
| 2.5 | 10  | 751-2.5 | ●     | ●   | ●        | ●   |      | ●         | 761-2.5 | ● | ● | ●     | ●     | ●   | ●        | ●   | ●    | ●         |
| 3.0 | 10  | 751-3.0 | ●     | ●   | ●        |     |      |           | 761-3.0 | ● | ● | ●     | ●     | ●   | ●        | ●   |      | ●         |

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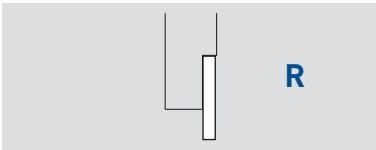
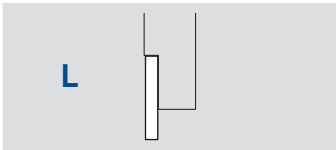
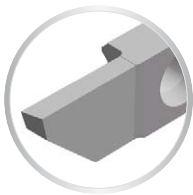
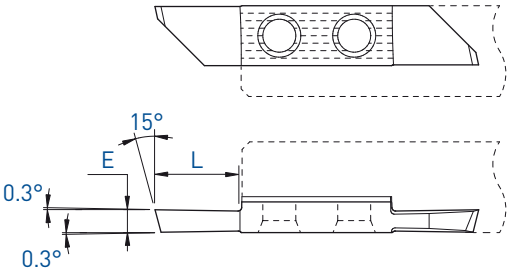


Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

L



R



| E   | L    | Art. N°  |  |  |  |  |  |  | Art. N°  |  |  |  |  |  |  |  |                                                                                     |
|-----|------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|     |      |          |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |
|     |      |          |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |
|     |      |          |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |
|     |      |          | TiAlN                                                                             | TiN                                                                               | N (µk20)                                                                          | HTA                                                                               | HTiN                                                                              | HN (µk10)                                                                         |          | TiAlN                                                                             | TiAlX                                                                             | TiN                                                                                 | N (µk20)                                                                            | HTA                                                                                 | HTiN                                                                                | HN (µk10)                                                                           |                                                                                     |
| 2.0 | 11.5 | 751S-2.0 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   | ●                                                                                 | 761S-2.0 | ●                                                                                 | ●                                                                                 | ●                                                                                   | ●                                                                                   | ●                                                                                   |                                                                                     | ●                                                                                   |                                                                                     |
| 2.2 | 11.5 | 751S-2.2 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   |                                                                                   | 761S-2.2 | ●                                                                                 | ●                                                                                 | ●                                                                                   | ●                                                                                   | ●                                                                                   |                                                                                     | ●                                                                                   |                                                                                     |
| 2.5 | 11.5 | 751S-2.5 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   | ●                                                                                 | 761S-2.5 | ●                                                                                 | ●                                                                                 | ●                                                                                   | ●                                                                                   | ●                                                                                   |                                                                                     | ●                                                                                   |                                                                                     |
| 3.0 | 11.5 | 751S-3.0 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   |                                                                                   | 761S-3.0 | ●                                                                                 | ●                                                                                 | ●                                                                                   | ●                                                                                   | ●                                                                                   |                                                                                     | ●                                                                                   |                                                                                     |

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Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

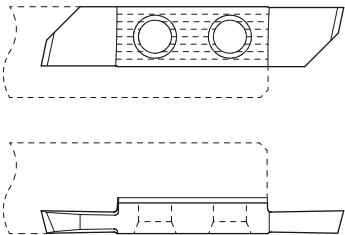
Tronçonnage

Abstechen

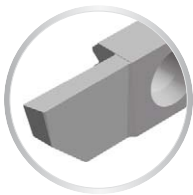
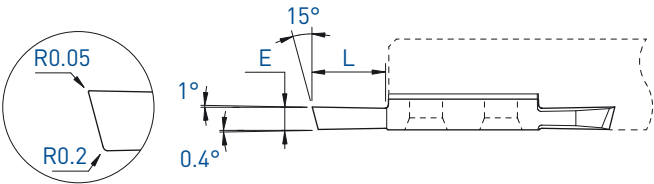
Parting off

751-R05 / 761-R05

L



R



L



R

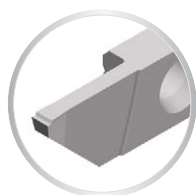
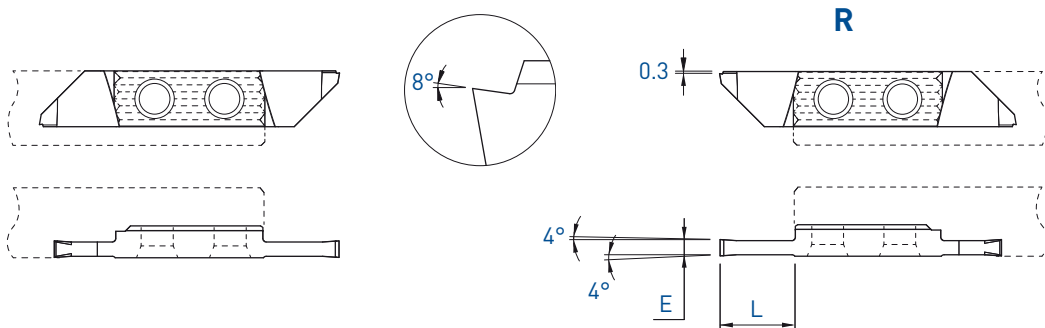


| E   | L   | Art. N°     | P     | P   | P        | P   | P    | P         | Art. N°     | P | P | P     | P     | P   | P        | P   |      |           |
|-----|-----|-------------|-------|-----|----------|-----|------|-----------|-------------|---|---|-------|-------|-----|----------|-----|------|-----------|
|     |     |             | M     | M   |          | M   | M    |           |             | M | M | M     |       | M   | M        |     |      |           |
|     |     |             | N     | N   |          | N   | N    |           |             | N |   | N     |       | N   | N        |     |      |           |
|     |     |             | S     |     | S        | S   |      | S         |             | S |   | S     | S     |     | S        |     | S    |           |
|     |     |             | TiAlN | TiN | N [µk20] | HTA | HTiN | HN [µk10] |             |   |   | TiAlN | TiAlX | TiN | N [µk20] | HTA | HTiN | HN [µk10] |
| 1.5 | 7.5 | 751-1.5-R05 | ●     | ●   | ●        |     |      |           | 761-1.5-R05 | ● | ● | ●     | ●     |     |          | ●   |      | ●         |
| 2.0 | 10  | 751-2.0-R05 | ●     | ●   | ●        |     |      |           | 761-2.0-R05 | ● | ● | ●     | ●     |     |          | ●   |      | ●         |
| 2.5 | 10  | 751-2.5-R05 | ●     | ●   | ●        |     |      |           | 761-2.5-R05 | ● | ● | ●     | ●     |     |          |     |      |           |

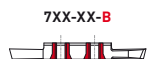
7XX-XX-B



Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



| E   | L  | Art. N°      | <div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> |              | Art. N° | <div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> |           |
|-----|----|--------------|-----------------------------------------------------------------------------------------------------|--------------|---------|-----------------------------------------------------------------------------------------------------|-----------|
|     |    |              | HCR-TF                                                                                              | HN (μk10)    |         | HCR-TF                                                                                              | HN (μk10) |
| 1.5 | 10 | 751NX840-1.5 | ● ●                                                                                                 | 761NX840-1.5 | ● ●     |                                                                                                     |           |
| 2.0 | 11 | 751NX840-2.0 | ● ●                                                                                                 | 761NX840-2.0 | ● ●     |                                                                                                     |           |
| 2.5 | 11 | 751NX840-2.5 | ● ●                                                                                                 | 761NX840-2.5 | ● ●     |                                                                                                     |           |

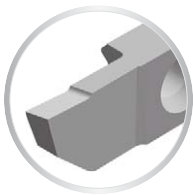
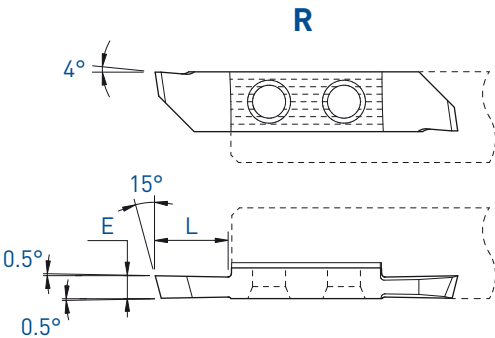
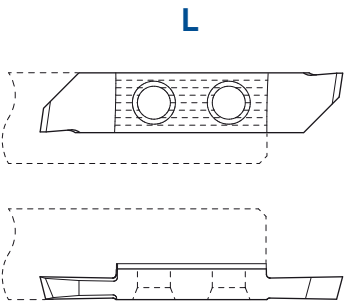


Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



Tronçonnage  
Abstechen  
Parting off

751X4 / 761X4

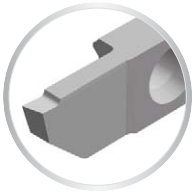
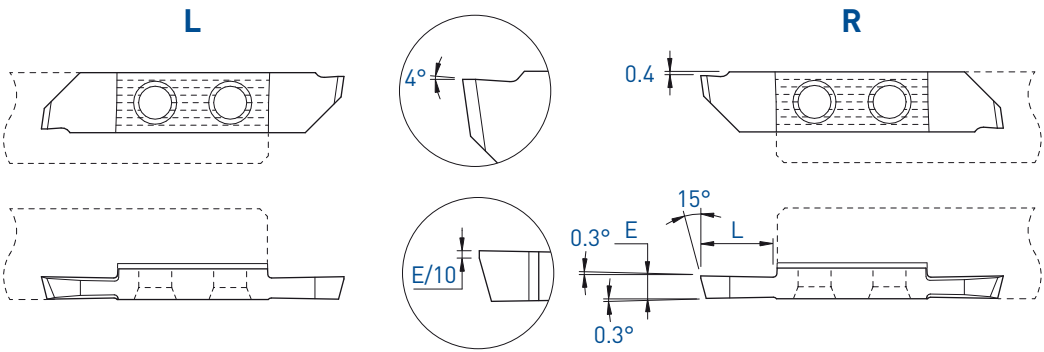


|     |     | <div>L</div>  |                                                                   |                                                                |                                                                    |                                                     |                                                                 | <div>R</div>  |           |                                                                   |                                                                |                                                                    |                                                                 |                                                                 |                                                                      |
|-----|-----|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------|
| E   | L   | Art. N°                                                                                        | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> TiAlN | <div><div>P</div><div>M</div><div>N</div><div></div></div> TiN | <div><div>P</div><div></div><div></div><div>S</div></div> N (µk20) | <div><div>P</div><div>M</div><div>S</div></div> HTA | <div><div>P</div><div>M</div><div>N</div><div></div></div> HTiN | <div><div>P</div><div></div><div>N</div><div>S</div></div> HN (µk10)                            | Art. N°   | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> TiAlN | <div><div>P</div><div>M</div><div>N</div><div></div></div> TiN | <div><div>P</div><div></div><div></div><div>S</div></div> N (µk20) | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> HTA | <div><div>P</div><div>M</div><div>N</div><div></div></div> HTiN | <div><div>P</div><div></div><div>N</div><div>S</div></div> HN (µk10) |
| 1.5 | 7.5 | -                                                                                              |                                                                   |                                                                |                                                                    |                                                     |                                                                 |                                                                                                 | 761X4-1.5 | ●                                                                 | ●                                                              | ●                                                                  |                                                                 |                                                                 |                                                                      |
| 2.0 | 10  | 751X4-2.0                                                                                      | ●                                                                 | ●                                                              | ●                                                                  | ●                                                   | ●                                                               |                                                                                                 | 761X4-2.0 | ●                                                                 | ●                                                              | ●                                                                  | ●                                                               |                                                                 | ●                                                                    |
| 2.5 | 10  | -                                                                                              |                                                                   |                                                                |                                                                    |                                                     |                                                                 |                                                                                                 | 761X4-2.5 | ●                                                                 | ●                                                              | ●                                                                  |                                                                 |                                                                 |                                                                      |

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Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



|           |           | L                                                                                 |     |                                                            |          |                                                           |     | R                                                                                 |           |                                                            |           |                                                            |         |       |                                                             |     |                                                            |          |                                                           |     |                                                             |      |                                                            |           |                                                            |
|-----------|-----------|-----------------------------------------------------------------------------------|-----|------------------------------------------------------------|----------|-----------------------------------------------------------|-----|-----------------------------------------------------------------------------------|-----------|------------------------------------------------------------|-----------|------------------------------------------------------------|---------|-------|-------------------------------------------------------------|-----|------------------------------------------------------------|----------|-----------------------------------------------------------|-----|-------------------------------------------------------------|------|------------------------------------------------------------|-----------|------------------------------------------------------------|
|           |           |  |     |                                                            |          |                                                           |     |  |           |                                                            |           |                                                            |         |       |                                                             |     |                                                            |          |                                                           |     |                                                             |      |                                                            |           |                                                            |
| Art. N°   | TiAlN     | <div><div>P</div><div>M</div><div>N</div><div>S</div></div>                       | TiN | <div><div>P</div><div>M</div><div>N</div><div></div></div> | N [μk20] | <div><div>P</div><div></div><div></div><div>S</div></div> | HTA | <div><div>P</div><div>M</div><div>N</div><div>S</div></div>                       | HTiN      | <div><div>P</div><div>M</div><div>N</div><div></div></div> | HN [μk10] | <div><div>P</div><div></div><div>N</div><div>S</div></div> | Art. N° | TiAlN | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | TiN | <div><div>P</div><div>M</div><div>N</div><div></div></div> | N [μk20] | <div><div>P</div><div></div><div>S</div><div></div></div> | HTA | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | HTiN | <div><div>P</div><div>M</div><div>N</div><div></div></div> | HN [μk10] | <div><div>P</div><div></div><div>N</div><div>S</div></div> |
|           | 751XF-1.5 | ●                                                                                 | ●   | ●                                                          |          | ●                                                         |     | ●                                                                                 |           | 761XF-1.5                                                  | ●         | ●                                                          |         | ●     |                                                             | ●   |                                                            | ●        |                                                           | ●   |                                                             | ●    |                                                            |           |                                                            |
|           | 751XF-2.0 | ●                                                                                 | ●   | ●                                                          |          | ●                                                         | ●   | ●                                                                                 |           | 761XF-2.0                                                  | ●         | ●                                                          |         | ●     |                                                             | ●   | ●                                                          | ●        |                                                           | ●   |                                                             | ●    |                                                            |           |                                                            |
|           | 751XF-2.2 | ●                                                                                 | ●   | ●                                                          |          |                                                           |     |                                                                                   |           | 761XF-2.2                                                  | ●         | ●                                                          |         | ●     |                                                             |     |                                                            |          |                                                           |     |                                                             |      |                                                            |           |                                                            |
|           | 751XF-2.5 | ●                                                                                 | ●   | ●                                                          |          | ●                                                         |     | ●                                                                                 |           | 761XF-2.5                                                  | ●         | ●                                                          |         | ●     |                                                             |     |                                                            |          |                                                           |     |                                                             |      |                                                            |           |                                                            |
| 751XF-3.0 | ●         | ●                                                                                 | ●   |                                                            |          |                                                           |     |                                                                                   | 761XF-3.0 | ●                                                          | ●         | ●                                                          |         | ●     |                                                             |     |                                                            | ●        |                                                           | ●   |                                                             |      |                                                            |           |                                                            |

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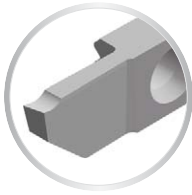
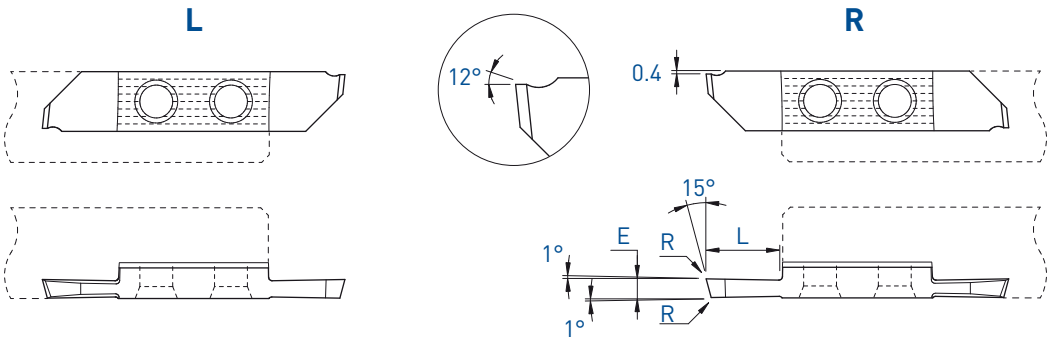
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

## Tronçonnage

Abstechen

Parting off

751X12 / 761X12

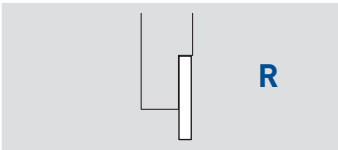
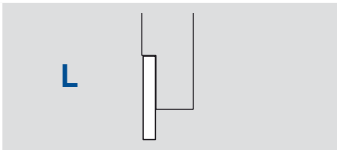
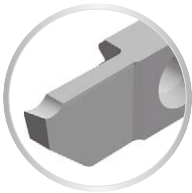
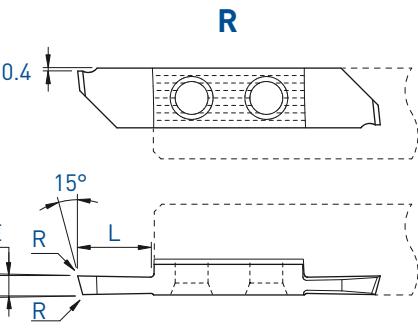
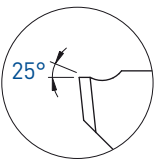
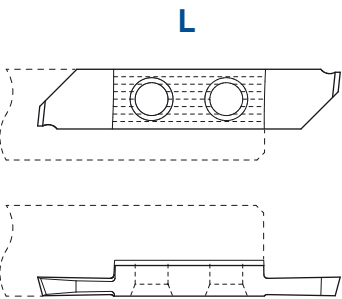


|     |     |      | L       |     |          |     |      |           | R          |     |          |     |      |           |
|-----|-----|------|---------|-----|----------|-----|------|-----------|------------|-----|----------|-----|------|-----------|
|     |     |      | Art. N° |     |          |     |      |           | Art. N°    |     |          |     |      |           |
| E   | L   | R    | TiAlN   | TiN | N (µk20) | HTA | HTiN | HN (µk10) | TiAlN      | TiN | N (µk20) | HTA | HTiN | HN (µk10) |
| 1.5 | 7.5 | 0.03 | •       | •   | •        | •   | •    | •         | 761X12-1.5 | •   | •        | •   | •    | •         |
| 2.0 | 10  | 0.03 | •       | •   | •        | •   | •    | •         | 761X12-2.0 | •   | •        | •   | •    | •         |
| 2.5 | 10  | 0.03 | •       | •   | •        | •   | •    | •         | 761X12-2.5 | •   | •        | •   | •    | •         |

7XX-XX-B



Sur demande pour serrage type B, voir page 1.05  
 Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
 On request for B clamping system, see page 1.05



| E   | L   | R    | Art. N°    | P     | P   | P        | P   | P    | P         | Art. N°    | P     | P   | P        | P   | P    | P         |
|-----|-----|------|------------|-------|-----|----------|-----|------|-----------|------------|-------|-----|----------|-----|------|-----------|
|     |     |      |            | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |            | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |
| 1.5 | 7.5 | 0.03 | 751X25-1.5 | ●     | ●   | ●        | ●   |      | ●         | 761X25-1.5 | ●     | ●   | ●        |     |      |           |
| 2.0 | 10  | 0.03 | 751X25-2.0 | ●     | ●   | ●        |     |      |           | 761X25-2.0 | ●     | ●   | ●        | ●   |      | ●         |
| 2.5 | 10  | 0.03 | 751X25-2.5 | ●     | ●   | ●        |     |      |           | 761X25-2.5 | ●     | ●   | ●        | ●   |      | ●         |

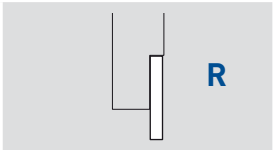
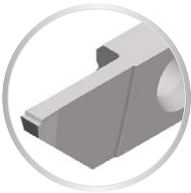
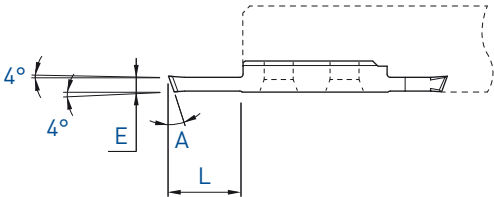
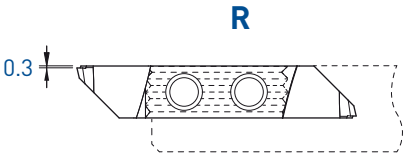
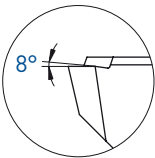
7XX-XX-B



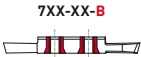
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Tronçonnage  
Abstechen  
Parting off

761X840

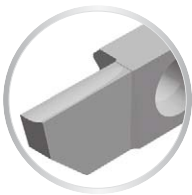
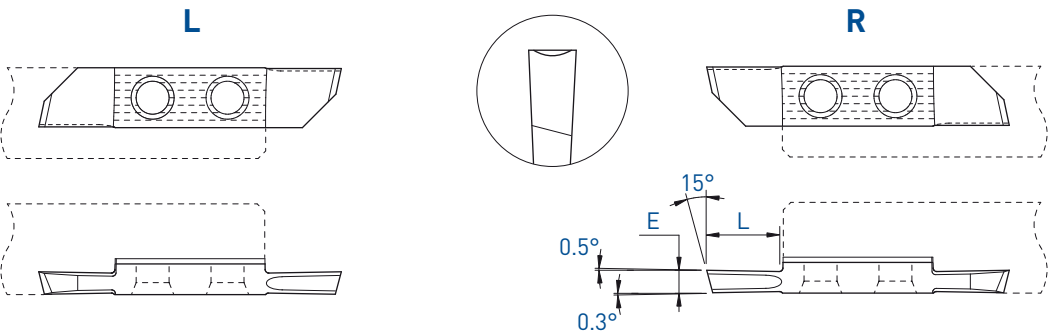


| E   | L  | A   | Art. N°        | <div><div><div><div></div><div>N</div><div>S</div></div><div>HCR-TF</div><div>HN (µk10)</div></div><div><div><div>P</div><div>N</div><div>S</div></div><div></div><div></div><div></div></div></div> |   |
|-----|----|-----|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|     |    |     |                |                                                                                                                                                                                                      |   |
| 1.4 | 10 | 20° | 761X840-1.4-20 | ●                                                                                                                                                                                                    | ● |
| 2   | 11 | 5°  | 761X840-2.0-5  | ●                                                                                                                                                                                                    | ● |
| 2.5 | 11 | 5°  | 761X840-2.5-5  | ●                                                                                                                                                                                                    | ● |
| 1.9 | 11 | 20° | 761X840-1.9-20 | ●                                                                                                                                                                                                    | ● |
| 2.4 | 11 | 20° | 761X840-2.4-20 | ●                                                                                                                                                                                                    | ● |

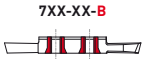


7XX-XX-B

Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



|     |     | <div>L</div> |                                                                              |                                                                            |                                                                               |                                                                            |                                                                             | <div>R</div>                                                                    |          |                                                                              |                                                                            |                                                                               |                                                                            |                                                                             |                                                                                 |   |
|-----|-----|--------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------|---|
|     |     | <div></div>  |                                                                              |                                                                            |                                                                               |                                                                            |                                                                             | <div></div>                                                                     |          |                                                                              |                                                                            |                                                                               |                                                                            |                                                                             |                                                                                 |   |
| E   | L   | Art. N°      | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> <div>TiAlN</div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> <div>TiN</div> | <div><div>P</div><div></div><div></div><div>S</div></div> <div>N [µk20]</div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> <div>HTA</div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> <div>HTiN</div> | <div><div>P</div><div></div><div>N</div><div>S</div></div> <div>HN [µk10]</div> | Art. N°  | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> <div>TiAlN</div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> <div>TiN</div> | <div><div>P</div><div></div><div></div><div>S</div></div> <div>N [µk20]</div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> <div>HTA</div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> <div>HTiN</div> | <div><div>P</div><div></div><div>N</div><div>S</div></div> <div>HN [µk10]</div> |   |
| 1.5 | 7.5 | -            |                                                                              |                                                                            |                                                                               |                                                                            |                                                                             |                                                                                 | 761U-1.5 | ●                                                                            | ●                                                                          | ●                                                                             | ●                                                                          |                                                                             | ●                                                                               |   |
| 2.0 | 10  | 751U-2.0     | ●                                                                            | ●                                                                          | ●                                                                             |                                                                            |                                                                             |                                                                                 | 761U-2.0 | ●                                                                            | ●                                                                          | ●                                                                             |                                                                            |                                                                             |                                                                                 | ● |



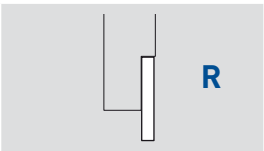
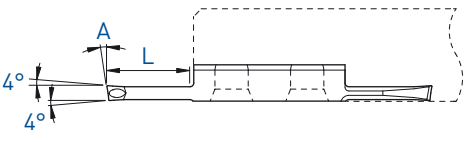
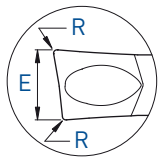
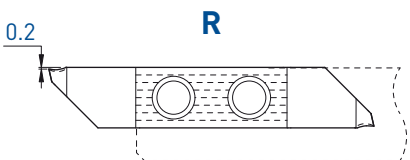
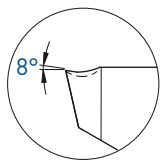
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Tronçonnage

Abstechen

Parting off

761ZU

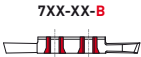


| E   | A  | L  | R    | Art. N°           | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> <div><div>P</div><div></div><div></div><div>S</div></div> |
|-----|----|----|------|-------------------|-----------------------------------------------------------------------------------------------------------------------|
|     |    |    |      |                   | TIAIN<br>N [μk20]                                                                                                     |
| 2.0 | 0° | 11 | 0.10 | 761ZU8-2.0-R10    | ●                                                                                                                     |
| 2.0 | 8° | 11 | 0.10 | 761ZU8-2.0-8°-R10 | ●                                                                                                                     |

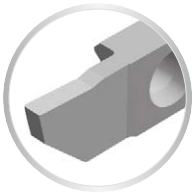
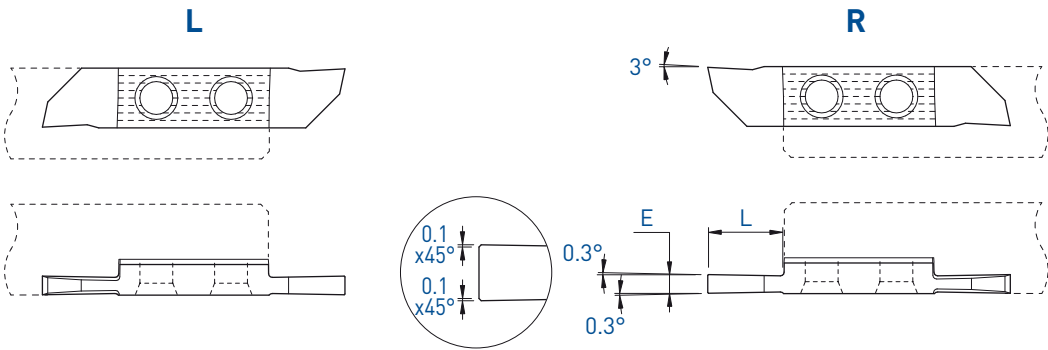


Arête de coupe honée  
Gehonte Schneidkante  
Honed edge

f min: 0.02 mm/U



Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



|     |    |            |       | L   |          |     |      |           |            |   |   | R     |     |          |     |      |           |
|-----|----|------------|-------|-----|----------|-----|------|-----------|------------|---|---|-------|-----|----------|-----|------|-----------|
|     |    |            |       |     |          |     |      |           |            |   |   |       |     |          |     |      |           |
| E   | L  | Art. N°    | P     | P   | P        | P   | P    | P         | Art. N°    | P | P | P     | P   | P        | P   |      |           |
|     |    |            | M     | M   |          | M   | M    |           |            | M | M |       | M   | M        |     | M    | M         |
|     |    |            | N     | N   |          | N   | N    |           |            |   |   | N     | N   |          | N   | N    |           |
|     |    |            | S     |     | S        | S   |      | S         |            |   |   | S     |     | S        | S   |      | S         |
|     |    |            | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |            |   |   | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |
| 2.0 | 10 | 751NXF-2.0 | ●     | ●   | ●        | ●   |      | ●         | 761NXF-2.0 | ● | ● | ●     | ●   | ●        | ●   |      | ●         |
| 2.5 | 10 | 751NXF-2.5 | ●     | ●   | ●        |     |      |           | 761NXF-2.5 | ● | ● | ●     |     |          |     |      |           |
| 3.0 | 10 | 751NXF-3.0 | ●     | ●   | ●        |     |      |           | 761NXF-3.0 | ● | ● | ●     |     |          |     |      |           |

7XX-XX-B



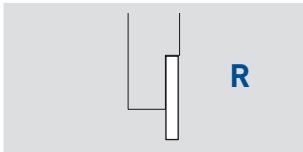
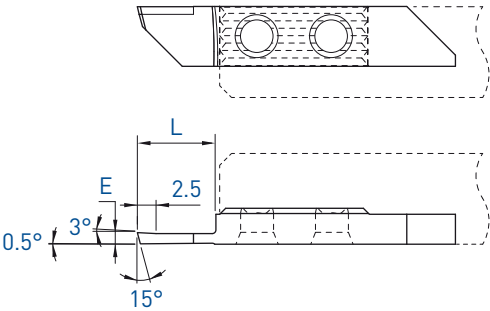
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



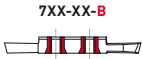
Tronçonnage  
Abstechen  
Parting off

761-PCD

R



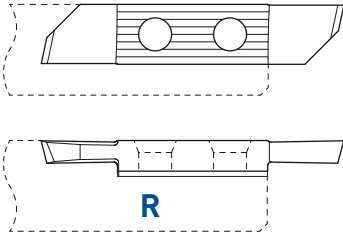
| E   | L  | Art. N°     | PCD |
|-----|----|-------------|-----|
| 1.5 | 10 | 761-1.5-PCD | ●   |
| 2   | 11 | 761-2.0-PCD | ●   |
| 2.5 | 11 | 761-2.5-PCD | ●   |



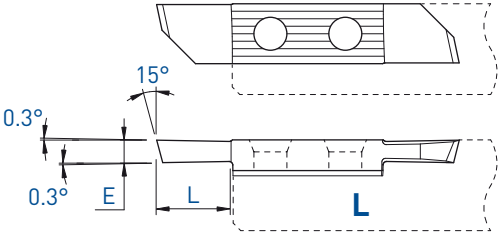
7XX-XX-B

Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Cut L



Cut R



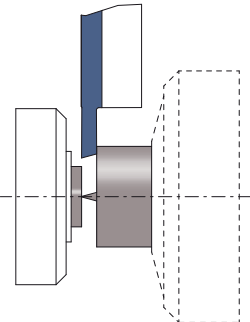
R (L)

Coupe à gauche déportée  
Versetztes Linksschneiden  
Left cut off line

L (R)

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line

| E   | L   | Art. N°  | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div></div><div></div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div></div><div></div></div> | Art. N°  | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div></div><div></div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> |  |  |  |  |
|-----|-----|----------|-------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------|----------|-------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------|--|--|--|--|
|     |     |          | TiAlN                                                       | TiN                                                        | N (µk20)                                                 | HTA                                                         | HTiN                                                       | HN (µk10)                                                |          | TiAlN                                                       | TiAlX                                                      | TiN                                                        | N (µk20)                                                 | HTA                                                         | HTiN                                                       | HN (µk10)                                                   |  |  |  |  |
|     |     |          |                                                             |                                                            |                                                          |                                                             |                                                            |                                                          |          |                                                             |                                                            |                                                            |                                                          |                                                             |                                                            |                                                             |  |  |  |  |
|     |     |          |                                                             |                                                            |                                                          |                                                             |                                                            |                                                          |          |                                                             |                                                            |                                                            |                                                          |                                                             |                                                            |                                                             |  |  |  |  |
| 1.0 | 5   | 761L-1.0 | ●                                                           | ●                                                          | ●                                                        | ●                                                           |                                                            | ●                                                        | 751R-1.0 | ●                                                           | ●                                                          | ●                                                          | ●                                                        |                                                             | ●                                                          | ●                                                           |  |  |  |  |
| 1.5 | 7.5 | 761L-1.5 | ●                                                           | ●                                                          | ●                                                        | ●                                                           |                                                            | ●                                                        | 751R-1.5 | ●                                                           | ●                                                          | ●                                                          | ●                                                        |                                                             |                                                            | ●                                                           |  |  |  |  |
| 1.8 | 7.5 | 761L-1.8 | ●                                                           | ●                                                          | ●                                                        |                                                             |                                                            |                                                          | 751R-1.8 | ●                                                           | ●                                                          | ●                                                          | ●                                                        |                                                             | ●                                                          | ●                                                           |  |  |  |  |
| 2.0 | 10  | 761L-2.0 | ●                                                           | ●                                                          | ●                                                        | ●                                                           |                                                            | ●                                                        | 751R-2.0 | ●                                                           | ●                                                          | ●                                                          | ●                                                        |                                                             | ●                                                          | ●                                                           |  |  |  |  |
| 2.2 | 10  | 761L-2.2 | ●                                                           | ●                                                          | ●                                                        |                                                             |                                                            |                                                          | 751R-2.2 | ●                                                           | ●                                                          | ●                                                          | ●                                                        |                                                             |                                                            |                                                             |  |  |  |  |
| 2.5 | 10  | 761L-2.5 | ●                                                           | ●                                                          | ●                                                        | ●                                                           |                                                            | ●                                                        | 751R-2.5 | ●                                                           | ●                                                          | ●                                                          | ●                                                        |                                                             | ●                                                          | ●                                                           |  |  |  |  |
| 3.0 | 10  | 761L-3.0 | ●                                                           | ●                                                          | ●                                                        |                                                             |                                                            |                                                          | 751R-3.0 | ●                                                           | ●                                                          | ●                                                          | ●                                                        |                                                             | ●                                                          | ●                                                           |  |  |  |  |



**Tronçonnage**

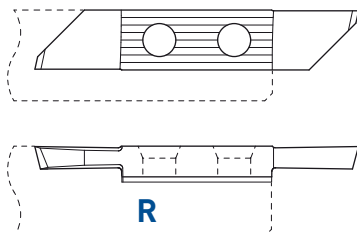
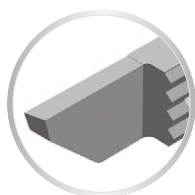
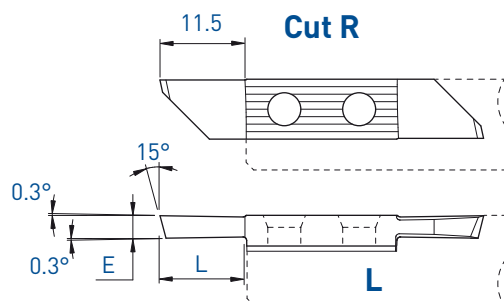
Abstechen

Parting off

**Coupe déportée**

Versetztsschneiden

Cut off line

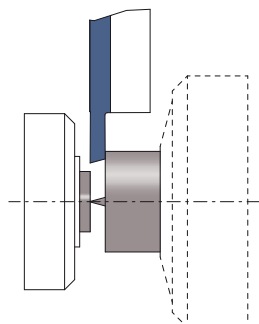
**761LS / 751RS****Cut L****Cut R****R (L)**

Coupe à gauche déportée  
Versetztss Linksschneiden  
Left cut off line

**L (R)**

Coupe à droite déportée  
Versetztss Rechtsschneiden  
Right cut off line

| E   | L    | Art. N°   | P     | P   | P        | P   | P    | P         | Art. N°   | P     | P     | P   | P        | P   | P    | P         |
|-----|------|-----------|-------|-----|----------|-----|------|-----------|-----------|-------|-------|-----|----------|-----|------|-----------|
|     |      |           | M     | M   |          | M   | M    |           |           | M     | M     | M   |          | M   | M    |           |
|     |      |           | N     | N   |          | N   | N    |           |           | N     |       | N   |          | N   | N    | N         |
|     |      |           | S     |     | S        | S   |      | S         |           | S     | S     |     | S        | S   |      | S         |
|     |      |           | TiAlN | TiN | N (μk20) | HTA | HTiN | HN (μk10) |           | TiAlN | TiAlX | TiN | N (μk20) | HTA | HTiN | HN (μk10) |
| 1.0 | 5.5  | 761LS-1.0 | •     | •   | •        | •   | •    | •         | 751RS-1.0 | •     | •     | •   | •        | •   | •    | •         |
| 1.5 | 8    | 761LS-1.5 | •     | •   | •        | •   | •    | •         | 751RS-1.5 | •     | •     | •   | •        | •   | •    | •         |
| 2.0 | 11.5 | 761LS-2.0 | •     | •   | •        |     |      |           | 751RS-2.0 | •     | •     | •   | •        | •   | •    | •         |
| 2.2 | 11.5 | 761LS-2.2 | •     | •   | •        |     |      |           | 751RS-2.2 | •     | •     | •   | •        | •   | •    | •         |
| 2.5 | 11.5 | 761LS-2.5 | •     | •   | •        |     |      |           | 751RS-2.5 | •     | •     | •   | •        | •   | •    | •         |
| 3.0 | 11.5 | 761LS-3.0 | •     | •   | •        |     |      |           | 751RS-3.0 | •     | •     | •   | •        | •   | •    | •         |



761L-R05 / 751R-R05

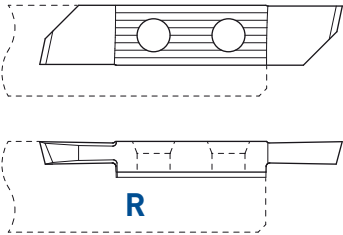
Coupe déportée

Versetztes Schneiden  
Cut off line

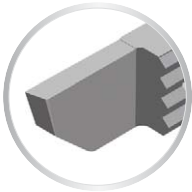
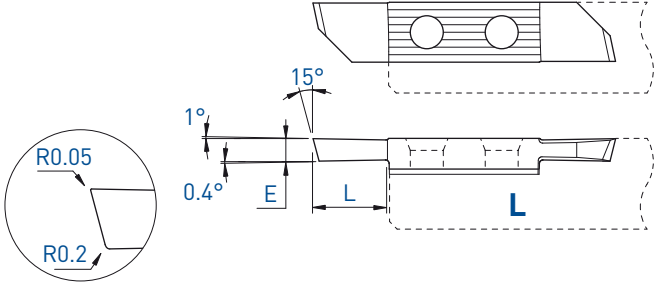
Tronçonnage

Abstechen  
Parting off

Cut L



Cut R



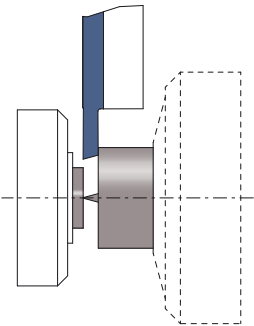
R (L)

Coupe à gauche déportée  
Versetztes Linksschneiden  
Left cut off line

L (R)

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line

| E   | L   | Art. N°      | P     | P    | P         | P | P | P | Art. N°      | P | P | P     | P     | P         | P        | P |   |   |
|-----|-----|--------------|-------|------|-----------|---|---|---|--------------|---|---|-------|-------|-----------|----------|---|---|---|
|     |     |              | M     | M    |           | M | M |   |              | M | M |       | M     | M         |          | M | M |   |
|     |     |              | N     | N    |           | N | N |   |              | N | N |       | N     | N         |          | N | N |   |
|     |     |              | S     |      | S         | S |   | S |              | S |   | S     | S     |           | S        | S |   | S |
|     |     |              | TiAlN | TiN  | N [μk20]  |   |   |   |              |   |   | TiAlN | TiAlX | TiN       | N [μk20] |   |   |   |
|     |     |              | HTA   | HTiN | HN [μk10] |   |   |   |              |   |   | HTA   | HTiN  | HN [μk10] |          |   |   |   |
| 1.5 | 7.5 | 761L-1.5-R05 | ●     | ●    | ●         |   |   |   | 751R-1.5-R05 | ● | ● | ●     | ●     | ●         | ●        |   |   |   |
| 2.0 | 10  | 761L-2.0-R05 | ●     | ●    | ●         |   |   |   | 751R-2.0-R05 | ● | ● | ●     | ●     | ●         | ●        |   |   |   |



Tronçonnage

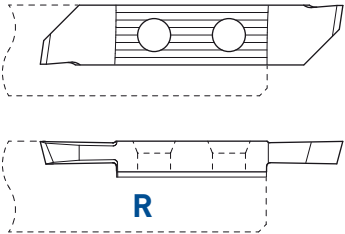
Abstechen  
Parting off

Coupe déportée

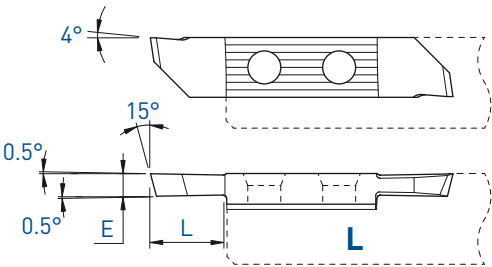
Versetztes Schneiden  
Cut off line

761LX4 / 751RX4

Cut L



Cut R



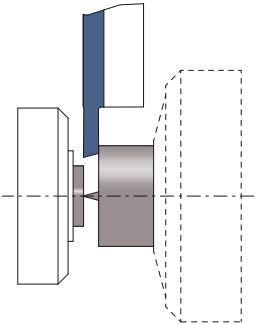
R (L)

Coupe à gauche déportée  
Versetztes Linksschneiden  
Left cut off line

L (R)

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line

| E     | L   | Art. N°    |  |  |  |  |  |  | Art. N° |  |  |  |  |  |  |
|-------|-----|------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|       |     |            |  |  |  |  |  |  |         |  |  |  |  |  |  |
|       |     |            |  |  |  |  |  |  |         |  |  |  |  |  |  |
|       |     |            |  |  |  |  |  |  |         |  |  |  |  |  |  |
| TiAlN | TiN | N (µk20)   | HTA                                                                               | HTiN                                                                              | HN (µk10)                                                                         |                                                                                   |                                                                                   |                                                                                   | TiAlN   | TiN                                                                                 | N (µk20)                                                                            | HTA                                                                                 | HTiN                                                                                | HN (µk10)                                                                           |                                                                                     |
| 1.5   | 7.5 | -          |                                                                                   |                                                                                   |                                                                                   | 751RX4-1.5                                                                        |                                                                                   |                                                                                   | ●       | ●                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                   |                                                                                     |
| 2.0   | 10  | 761LX4-2.0 | ●                                                                                 | ●                                                                                 | ●                                                                                 | 751RX4-2.0                                                                        |                                                                                   |                                                                                   | ●       | ●                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                   |                                                                                     |
| 2.5   | 10  | -          |                                                                                   |                                                                                   |                                                                                   | 751RX4-2.5                                                                        |                                                                                   |                                                                                   | ●       | ●                                                                                   | ●                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |



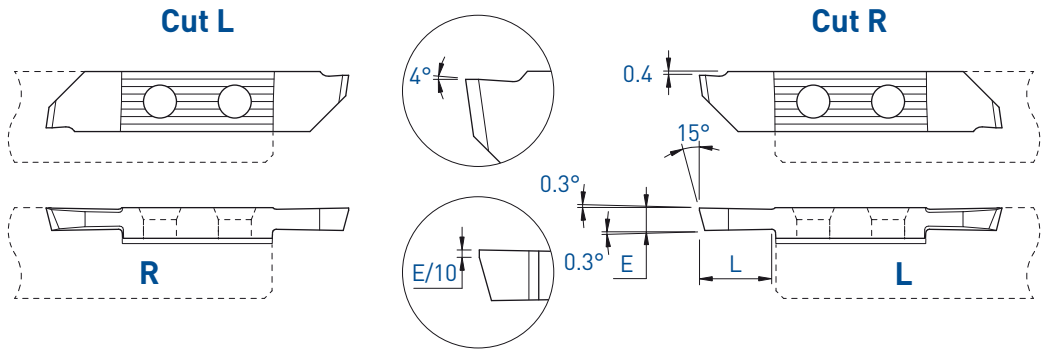
761LXF / 751RXF

Coupe déportée

Versetztes Schneiden  
Cut off line

Tronçonnage

Abstechen  
Parting off



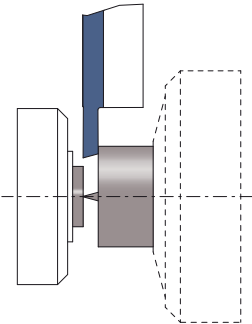
R (L)

Coupe à gauche déportée  
Versetztes Linksschneiden  
Left cut off line

L (R)

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line

| E   | L   | Art. N°    | P     | P   | P        | P   | P    | P         | Art. N°    | P     | P   | P        | P   | P    | P         |
|-----|-----|------------|-------|-----|----------|-----|------|-----------|------------|-------|-----|----------|-----|------|-----------|
|     |     |            | M     | M   |          | M   | M    |           |            | M     | M   |          | M   | M    |           |
|     |     |            | N     | N   |          | N   | N    | N         |            | N     | N   |          | N   | N    | N         |
|     |     |            | S     |     | S        | S   |      | S         |            | S     |     | S        | S   |      | S         |
|     |     |            | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |            | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |
|     |     |            |       |     |          |     |      |           |            |       |     |          |     |      |           |
| 1.5 | 7.5 | -          |       |     |          |     |      |           | 751RXF-1.5 | •     | •   | •        | •   |      | •         |
| 2.0 | 10  | 761LXF-2.0 | •     | •   | •        |     |      |           | 751RXF-2.0 | •     | •   | •        | •   | •    | •         |
| 2.5 | 10  | 761LXF-2.5 | •     | •   | •        |     |      |           | 751RXF-2.5 | •     | •   | •        | •   |      | •         |
| 3.0 | 10  | 761LXF-3.0 | •     | •   | •        |     |      |           | 751RXF-3.0 | •     | •   | •        | •   |      | •         |





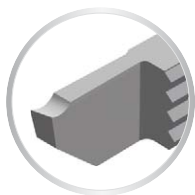
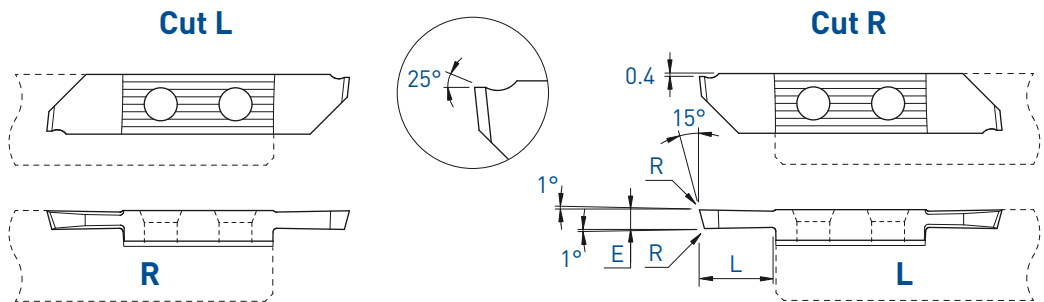
761LX25 / 751RX25

Coupe déportée

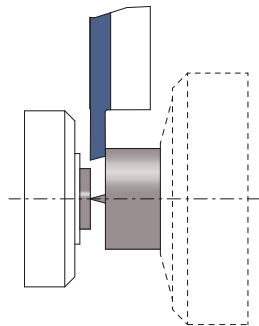
Versetztes Schneiden  
Cut off line

Tronçonnage

Abstechen  
Parting off



|     |    |      | <div>R (L)</div> <div>Coupe à gauche déportée<br/>Versetztes Linksschneiden<br/>Left cut off line</div> |                                                                      |                                                                    | <div>L (R)</div> <div>Coupe à droite déportée<br/>Versetztes Rechtsschneiden<br/>Right cut off line</div> |             |                                                                      |                                                                    |                                                                         |
|-----|----|------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------|
| E   | L  | R    | Art. N°                                                                                                 | <div>P</div> <div>M</div> <div>N</div> <div>S</div> <div>TiAlN</div> | <div>P</div> <div>M</div> <div>N</div> <div>S</div> <div>TiN</div> | <div>P</div> <div>M</div> <div>N</div> <div>S</div> <div>N (µk20)</div>                                   | Art. N°     | <div>P</div> <div>M</div> <div>N</div> <div>S</div> <div>TiAlN</div> | <div>P</div> <div>M</div> <div>N</div> <div>S</div> <div>TiN</div> | <div>P</div> <div>M</div> <div>N</div> <div>S</div> <div>N (µk20)</div> |
| 2.0 | 10 | 0.03 | 761LX25-2.0                                                                                             | ●                                                                    | ●                                                                  | ●                                                                                                         | 751RX25-2.0 | ●                                                                    | ●                                                                  | ●                                                                       |





**Tronçonnage**

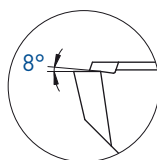
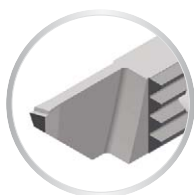
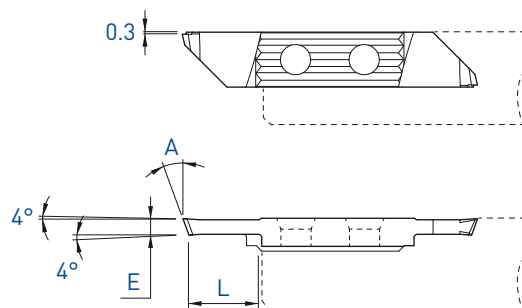
Abstechen

Parting off

**Coupe déportée**

Versetzttes Schneiden

Cut off line

**751RX840****Cut R****L (R)**

Coupe à droite déportée  
Versetzttes Rechtsschneiden  
Right cut off line

| E   | L  | A   | Art. N°         | HCR-TF | HN (µk10) |
|-----|----|-----|-----------------|--------|-----------|
| 1.4 | 10 | 20° | 751RX840-1.4-20 | ●      | ●         |
| 1.5 | 10 | 5°  | 751RX840-1.5-5  | ●      | ●         |
| 2   | 11 | 5°  | 751RX840-2.0-5  | ●      | ●         |
| 2.5 | 11 | 5°  | 751RX840-2.5-5  | ●      | ●         |
| 1.9 | 11 | 20° | 751RX840-1.9-20 | ●      | ●         |
| 2.4 | 11 | 20° | 751RX840-2.4-20 | ●      | ●         |

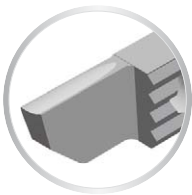
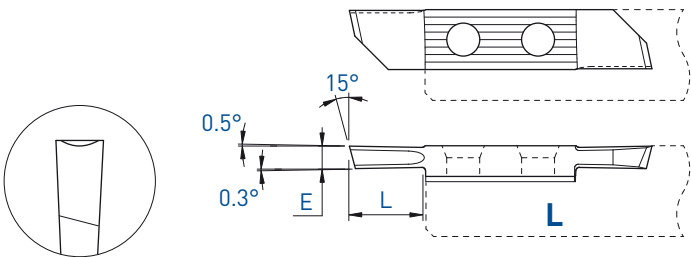
**7XX-XX-B**

Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Coupe déportée  
Versetztes Schneiden  
Cut off line

Tronçonnage  
Abstechen  
Parting off

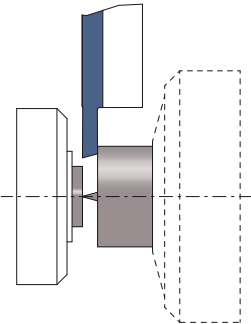
Cut R



L (R)

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line

| E   | L   | Art. N°   | <table><tr><td>P</td><td>P</td><td>P</td></tr><tr><td>M</td><td>M</td><td></td></tr><tr><td>N</td><td>N</td><td></td></tr><tr><td>S</td><td></td><td>S</td></tr></table> |     |          | P | P | P | M | M |  | N | N |  | S |  | S |
|-----|-----|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|---|---|---|---|---|--|---|---|--|---|--|---|
|     |     |           | P                                                                                                                                                                        | P   | P        |   |   |   |   |   |  |   |   |  |   |  |   |
| M   | M   |           |                                                                                                                                                                          |     |          |   |   |   |   |   |  |   |   |  |   |  |   |
| N   | N   |           |                                                                                                                                                                          |     |          |   |   |   |   |   |  |   |   |  |   |  |   |
| S   |     | S         |                                                                                                                                                                          |     |          |   |   |   |   |   |  |   |   |  |   |  |   |
|     |     |           | TiAlN                                                                                                                                                                    | TiN | N [µm20] |   |   |   |   |   |  |   |   |  |   |  |   |
| 1.5 | 7.5 | 751RU-1.5 | ●                                                                                                                                                                        | ●   | ●        |   |   |   |   |   |  |   |   |  |   |  |   |
| 2.0 | 10  | 751RU-2.0 | ●                                                                                                                                                                        | ●   | ●        |   |   |   |   |   |  |   |   |  |   |  |   |



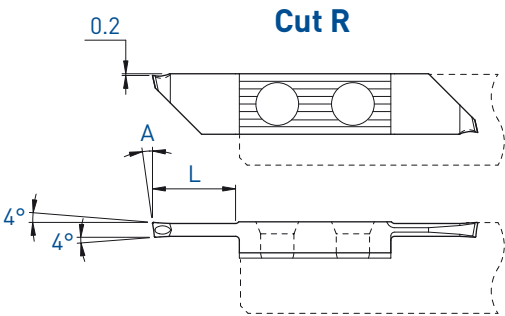
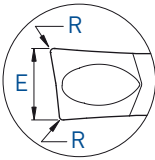
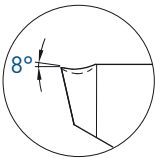
Tronçonnage

Abstechen  
Parting off

Coupe déportée

Versetztes Schneiden  
Cut off line

751RZU



R (L)

Coupe à gauche déportée  
Versetztes Linksschneiden  
Left cut off line

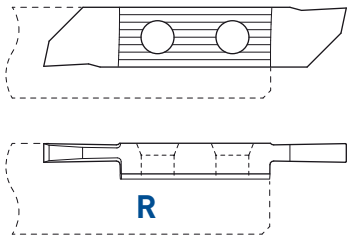
| E   | A  | L    | R    | Art. N°            | P | P | P | TiAlN | TiN | N (µm20) |
|-----|----|------|------|--------------------|---|---|---|-------|-----|----------|
| 2.0 | 8° | 11.0 | 0.10 | 751RZU8-2.0-8°-R10 | M | M |   | •     |     |          |
|     |    |      |      |                    | N | N |   |       |     |          |
|     |    |      |      |                    | S |   | S |       |     |          |



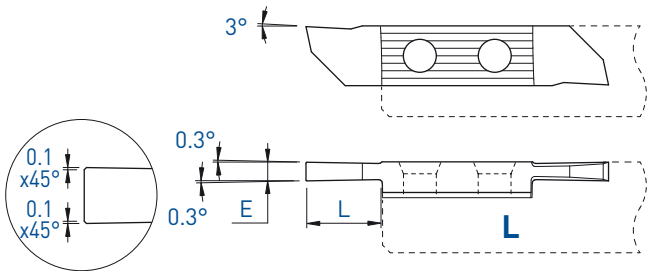
Arête de coupe honée  
Gehonte Schneidkante  
Honed edge

f min: 0.02 mm/U

Cut L



Cut R



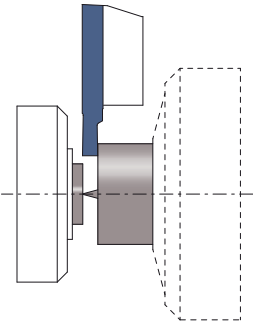
R (L)

Coupe à gauche déportée  
Versetztes Linksschneiden  
Left cut off line

L (R)

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line

| E   | L  | Art. N°    | P     | P   | P        | P   | P    | P         | Art. N°    | P     | P   | P        | P   | P    | P         |
|-----|----|------------|-------|-----|----------|-----|------|-----------|------------|-------|-----|----------|-----|------|-----------|
|     |    |            | M     | M   |          | M   | M    |           |            | M     | M   |          | M   | M    |           |
|     |    |            | N     | N   |          | N   | N    |           |            | N     | N   |          | N   | N    |           |
|     |    |            | S     |     | S        |     |      | S         |            | S     |     | S        |     |      | S         |
|     |    |            | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |            | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |
|     |    |            |       |     |          |     |      |           |            |       |     |          |     |      |           |
| 2.0 | 10 | 761NXF-2.0 | •     | •   | •        | •   |      | •         | 751NXF-2.0 | •     | •   | •        | •   |      | •         |
| 2.5 | 10 | 761NXF-2.5 | •     | •   | •        |     |      |           | 751NXF-2.5 | •     | •   | •        |     |      |           |
| 3.0 | 10 | 761NXF-3.0 | •     | •   | •        |     |      |           | 751NXF-3.0 | •     | •   | •        |     |      |           |



**Tronçonnage**

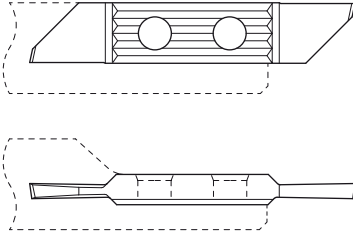
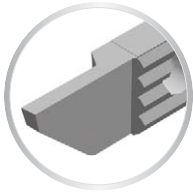
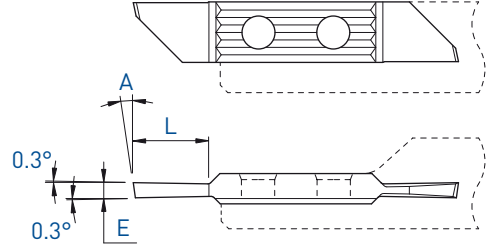
Abstechen

Parting off

**Coupe déportée**

Versetztes Schneiden

Cut off line

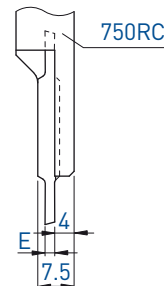
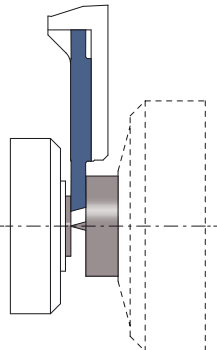
**761LD / 751RD****Cut L****R****Cut R****L****R (L)**

Coupe à gauche déportée  
Versetztes Linksschneiden  
Left cut off line

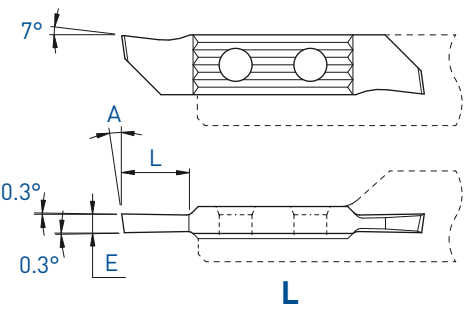
**L (R)**

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line

| E   | A   | L  | Art. N°       | P     | P   | P        | P   | P    | P         | Art. N°       | P     | P   | P        | P   | P    | P         |
|-----|-----|----|---------------|-------|-----|----------|-----|------|-----------|---------------|-------|-----|----------|-----|------|-----------|
|     |     |    |               | M     | M   |          | M   | M    |           |               | M     | M   |          | M   | M    |           |
|     |     |    |               | N     | N   |          | N   | N    |           |               | N     | N   |          | N   | N    |           |
|     |     |    |               | S     |     | S        | S   |      | S         |               | S     |     | S        | S   |      | S         |
|     |     |    | Art. N°       | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) | Art. N°       | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |
|     |     |    |               |       |     |          |     |      |           |               |       |     |          |     |      |           |
| 1.0 | 8°  | 5  | 761LD-1.0-8°  | •     | •   | •        | •   |      | •         | 751RD-1.0-8°  | •     | •   | •        | •   |      | •         |
| 1.0 | 15° | 5  | 761LD-1.0-15° | •     | •   | •        | •   |      | •         | 751RD-1.0-15° | •     | •   | •        | •   |      | •         |
| 1.2 | 8°  | 5  | 761LD-1.2-8°  | •     | •   | •        |     |      |           | 751RD-1.2-8°  | •     | •   | •        | •   | •    | •         |
| 1.5 | 8°  | 8  | 761LD-1.5-8°  | •     | •   | •        |     |      |           | 751RD-1.5-8°  | •     | •   | •        | •   | •    | •         |
| 1.5 | 15° | 8  | 761LD-1.5-15° | •     | •   | •        |     |      |           | 751RD-1.5-15° | •     | •   | •        | •   |      | •         |
| 1.6 | 8°  | 8  | 761LD-1.6-8°  | •     | •   | •        |     |      |           | 751RD-1.6-8°  | •     | •   | •        |     |      |           |
| 1.8 | 8°  | 10 | 761LD-1.8-8°  | •     | •   | •        |     |      |           | 751RD-1.8-8°  | •     | •   | •        | •   |      | •         |
| 2.0 | 8°  | 10 | 761LD-2.0-8°  | •     | •   | •        |     |      |           | 751RD-2.0-8°  | •     | •   | •        |     |      | •         |
| 2.0 | 15° | 10 | 761LD-2.0-15° | •     | •   | •        | •   |      | •         | 751RD-2.0-15° | •     | •   | •        | •   |      | •         |
| 2.5 | 8°  | 10 | -             |       |     |          |     |      |           | 751RD-2.5-8°  | •     | •   | •        | •   |      | •         |



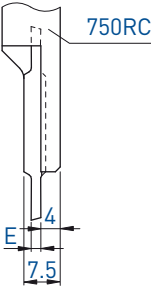
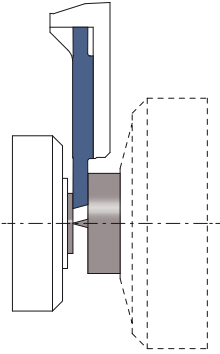
Cut R



L (R)

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line

| E   | A   | L   | Art. N°        | P     | P   | P        | P   | P    | P         |
|-----|-----|-----|----------------|-------|-----|----------|-----|------|-----------|
|     |     |     |                | M     | M   |          | M   | M    |           |
|     |     |     |                | N     | N   |          | N   | N    | N         |
|     |     |     |                | S     |     | S        | S   |      | S         |
|     |     |     |                | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |
|     |     |     |                |       |     |          |     |      |           |
| 1.6 | 8°  | 7.5 | 751RAS-1.6-8°  | ●     | ●   | ●        |     |      |           |
| 1.6 | 15° | 7.5 | 751RAS-1.6-15° | ●     | ●   | ●        | ●   |      | ●         |
| 2.0 | 8°  | 9   | 751RAS-2.0-8°  | ●     | ●   | ●        | ●   |      | ●         |
| 2.0 | 15° | 9   | 751RAS-2.0-15° | ●     | ●   | ●        |     |      |           |
| 2.5 | 8°  | 9   | 751RAS-2.5-8°  | ●     | ●   | ●        |     |      |           |
| 2.5 | 15° | 9   | 751RAS-2.5-15° | ●     | ●   | ●        |     |      |           |



Tronçonnage

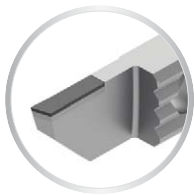
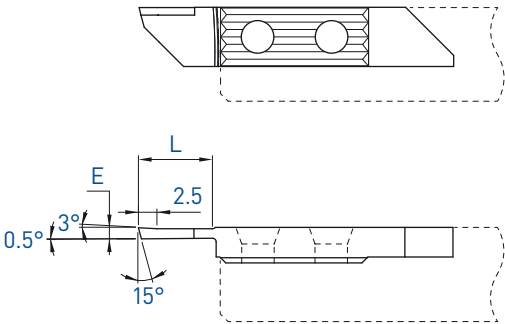
Abstechen  
Parting off

Coupe déportée

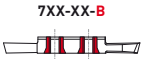
Versetztes Schneiden  
Cut off line

751R-PCD

Cut R



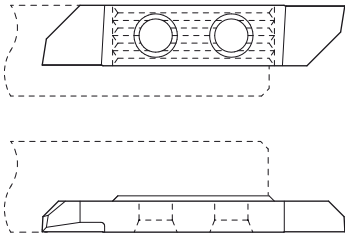
| <div><div></div><div><b>L (R)</b></div></div> <div>Coupe à droite déportée<br/>Versetztes Rechtsschneiden<br/>Right cut off line</div> |    |              |                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------------|-------------------------------------|
| E                                                                                                                                                                                                                       | L  | Art. N°      | PCD                                 |
| 1.5                                                                                                                                                                                                                     | 10 | 751R-1.5-PCD | <input checked="" type="checkbox"/> |
| 2                                                                                                                                                                                                                       | 11 | 751R-2.0-PCD | <input checked="" type="checkbox"/> |
| 2.5                                                                                                                                                                                                                     | 11 | 751R-2.5-PCD | <input checked="" type="checkbox"/> |



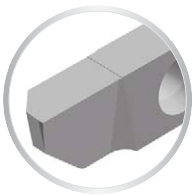
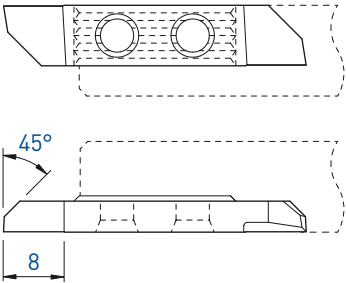
7XX-XX-B

Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

L



R



L

R

| A  | R    | Art. N° | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div></div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div>N</div><div>S</div></div> | Art. N°    | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div></div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div>N</div><div>S</div></div> |  |
|----|------|---------|-------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------|-------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--|
|    |      |         | TiAlN                                                       | TiN                                                        | N (µk20)                                                  | HTA                                                         | HTiN                                                       | HN (µk10)                                                  |            | TiAlN                                                       | TiN                                                        | N (µk20)                                                  | HTA                                                         | HTiN                                                       | HN (µk10)                                                  |  |
|    |      |         |                                                             |                                                            |                                                           |                                                             |                                                            |                                                            |            |                                                             |                                                            |                                                           |                                                             |                                                            |                                                            |  |
|    |      |         |                                                             |                                                            |                                                           |                                                             |                                                            |                                                            |            |                                                             |                                                            |                                                           |                                                             |                                                            |                                                            |  |
| 0° | 0    | 752     | ●                                                           | ●                                                          | ●                                                         | ●                                                           |                                                            | ●                                                          | 762        | ●                                                           | ●                                                          | ●                                                         | ●                                                           |                                                            | ●                                                          |  |
| 0° | 0.20 | -       |                                                             |                                                            |                                                           |                                                             |                                                            |                                                            | 762-R20    | ●                                                           | ●                                                          | ●                                                         | ●                                                           |                                                            | ●                                                          |  |
| 3° | 0    | 752-3°  | ●                                                           | ●                                                          | ●                                                         | ●                                                           |                                                            | ●                                                          | 762-3°     | ●                                                           | ●                                                          | ●                                                         | ●                                                           |                                                            | ●                                                          |  |
| 3° | 0.20 | -       |                                                             |                                                            |                                                           |                                                             |                                                            |                                                            | 762-3°-R20 | ●                                                           | ●                                                          | ●                                                         | ●                                                           | ●                                                          | ●                                                          |  |

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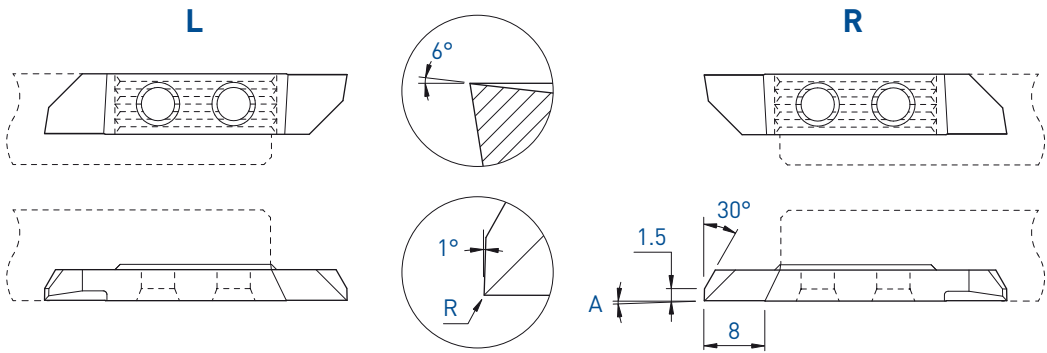


Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

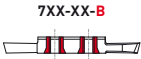


Tournage avant  
Vorwärts drehen  
Front turning

752PX / 762PX

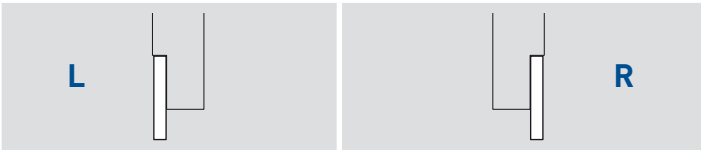
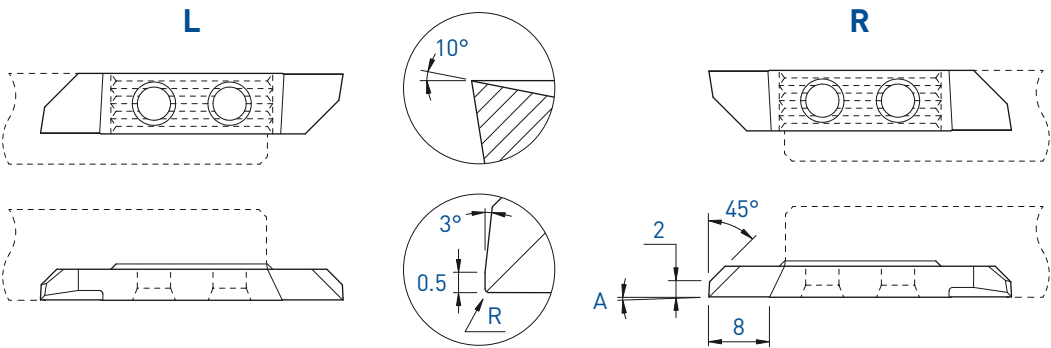


|    |   |  |   |   |  |         |   |          |   |  |
|----|---|-----------------------------------------------------------------------------------|---|---|-------------------------------------------------------------------------------------|---------|---|----------|---|--|
|    |   |                                                                                   |   |   |                                                                                     |         |   |          |   |  |
| A  | R | Art. N°                                                                           | P | P | P                                                                                   | Art. N° | P | P        | P |  |
|    |   |                                                                                   | M | M |                                                                                     |         | M | M        |   |  |
|    |   |                                                                                   | N | N |                                                                                     |         | N | N        |   |  |
|    |   |                                                                                   | S |   | S                                                                                   |         | S |          | S |  |
|    |   | TiAlN <th colspan="3">TiAlN<th colspan="3">TiAlN</th></th>                        |   |   | TiAlN <th colspan="3">TiAlN</th>                                                    |         |   | TiAlN    |   |  |
|    |   | TiN <th colspan="3">TiN<th colspan="3">TiN</th></th>                              |   |   | TiN <th colspan="3">TiN</th>                                                        |         |   | TiN      |   |  |
|    |   | N [µk20] <th colspan="3">N [µk20]<th colspan="3">N [µk20]</th></th>               |   |   | N [µk20] <th colspan="3">N [µk20]</th>                                              |         |   | N [µk20] |   |  |
| 0° | 0 | 752PX                                                                             | ● | ● | ●                                                                                   | 762PX   | ● | ●        | ● |  |

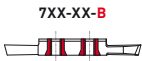


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Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



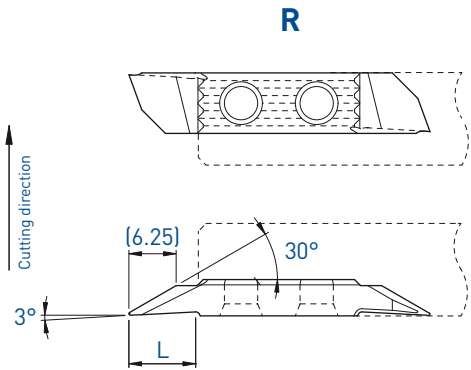
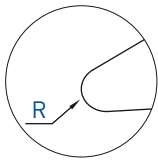
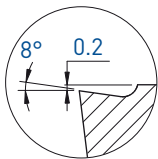
| A  | R    | Art. N°  | P | M | N | S | TiAlN | TiN | N [µk20] | HTA | HTiN | HN [µk10] | Art. N°     | P | M | N | S | TiAlN | TiN | N [µk20] | HTA | HTiN | HN [µk10] |
|----|------|----------|---|---|---|---|-------|-----|----------|-----|------|-----------|-------------|---|---|---|---|-------|-----|----------|-----|------|-----------|
|    |      |          | P | M | N | S | TiAlN | TiN | N [µk20] | HTA | HTiN | HN [µk10] |             | P | M | N | S | TiAlN | TiN | N [µk20] | HTA | HTiN | HN [µk10] |
| 0° | 0    | 752X     | • | • | • | • | •     | •   | •        | •   | •    | •         | 762X        | • | • | • | • | •     | •   | •        | •   | •    | •         |
| 0° | 0.20 | 752X-R20 | • | • | • | • | •     | •   | •        | •   | •    | •         | 762X-R20    | • | • | • | • | •     | •   | •        | •   | •    | •         |
| 3° | 0    | -        | • | • | • | • | •     | •   | •        | •   | •    | •         | 762X-3°     | • | • | • | • | •     | •   | •        | •   | •    | •         |
| 3° | 0.20 | -        | • | • | • | • | •     | •   | •        | •   | •    | •         | 762X-3°-R20 | • | • | • | • | •     | •   | •        | •   | •    | •         |



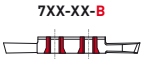
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Tournage avant  
Vorwärts drehen  
Front turning

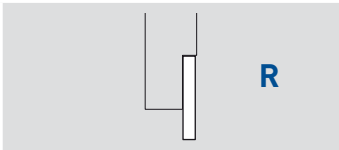
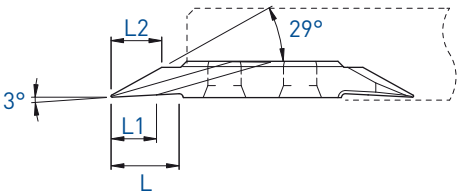
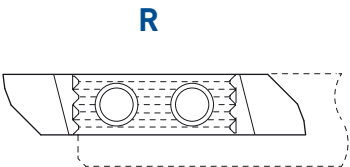
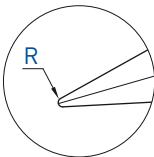
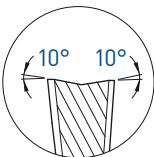
762VX-800



|   |      |                                                                                     |              |              |              |
|---|------|-------------------------------------------------------------------------------------|--------------|--------------|--------------|
|   |      |  |              |              |              |
| L | R    | Art. N°                                                                             | <div>P</div> | <div>P</div> | <div>P</div> |
|   |      |                                                                                     | <div>M</div> | <div>M</div> | <div></div>  |
|   |      |                                                                                     | <div>N</div> | <div>N</div> | <div>N</div> |
|   |      |                                                                                     | <div>S</div> | <div></div>  | <div>S</div> |
|   |      |                                                                                     | HTA          | HTiN         | HN (μk10)    |
| 9 | 0.15 | 762VX-800-R15                                                                       | ●            | ●            | ●            |



7XX-XX-B  
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



| L | L1 | L2  | R    | Art. N°          | TIAIN<br>N (µk20) | P<br>M<br>N<br>S | P<br>M<br>N<br>S | HTA | HN (µk10) |
|---|----|-----|------|------------------|-------------------|------------------|------------------|-----|-----------|
|   |    |     |      |                  |                   |                  |                  |     |           |
| 9 | 6  | 6.9 | 0.08 | 762VUX10-29°-R08 | •                 | •                | •                | •   | •         |
| 9 | 6  | 6.7 | 0.15 | 762VUX10-29°-R15 | •                 | •                | •                | •   | •         |
| 9 | 6  | 6.1 | 0.35 | 762VUX10-29°-R35 | •                 | •                | •                | •   | •         |
| 9 | 6  | 4.9 | 0.75 | 762VUX10-29°-R75 | •                 | •                | •                | •   | •         |

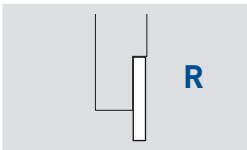
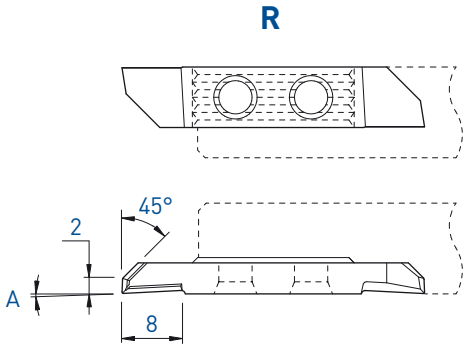
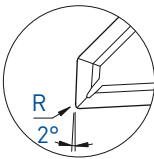
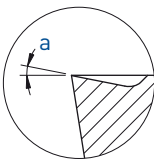
7XX-XX-B



Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

**Tournage avant**  
Vorwärts drehen  
Front turning

**762ZX**

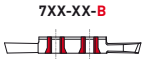


| a   | A  | R    | Art. N°     | TiAlN | TiN | N [μm20] |
|-----|----|------|-------------|-------|-----|----------|
| 10° | 3° | 0.08 | 762ZX10-R08 | •     |     |          |
|     | 3° | 0.20 | 762ZX10-R20 | •     | •   |          |

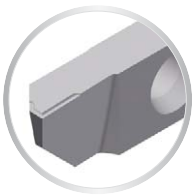
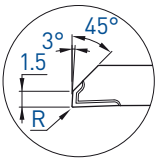
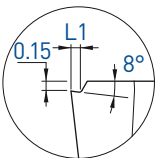


Arête de coupe honée  
Gehonte Schneidkante  
Honed edge

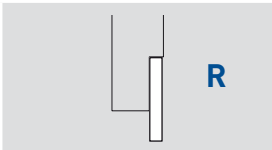
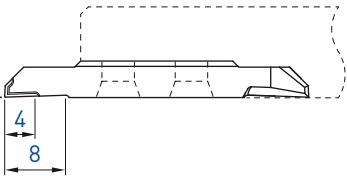
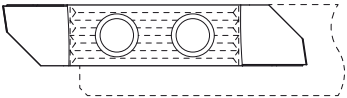
f min: 0.02 mm/U



Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



R



| L1   | R    | Art . N°       | KCR | KN (µk10-20) |
|------|------|----------------|-----|--------------|
| 0.24 | 0.03 | 762ZF-X824-R03 | ●   | ●            |
| 0.36 | 0.08 | 762ZF-X836-R08 | ●   | ●            |
| 0.48 | 0.08 | 762ZF-X848-R08 | ●   | ●            |

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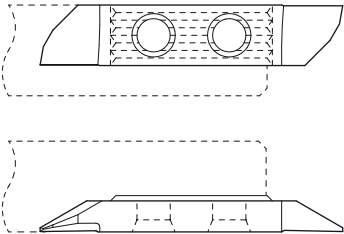


Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

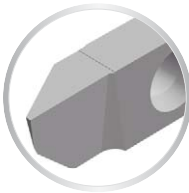
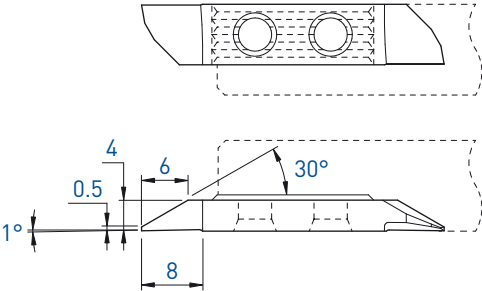
Tournage multifonction  
Mehrzweck Drehen  
Multifunction turning

752S / 762S

L

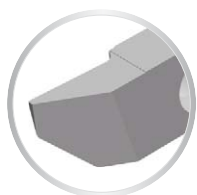


R



Tournage avant  
Vorwärts drehen  
Front turning

| L |  |  |  |  |  |  | R |  |  |  |  |  |  |
|---|--|--|--|--|--|--|---|--|--|--|--|--|--|
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Tournage arrière  
Rückwärts drehen  
Back turning

The diagram illustrates the L and R views of the 763S05 sensor. The L view shows a 3x3 grid of pins with labels: TiAIN (P, M, N, S), TiIN (P, M, N, S), and N (P, M, N, S). The R view shows a 3x3 grid of pins with labels: TiAIN (P, M, N, S), TiAX (P, M, N, S), and TiN (P, M, N, S).



Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

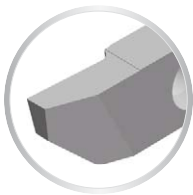
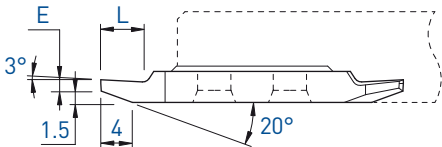
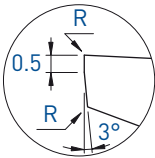
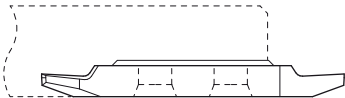
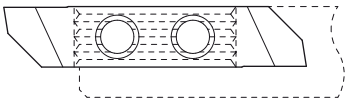
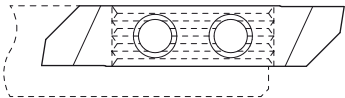


Tournage arrière  
Rückwärts drehen  
Back turning

753 / 763

L

R



L

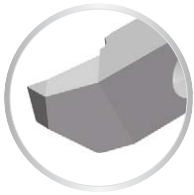
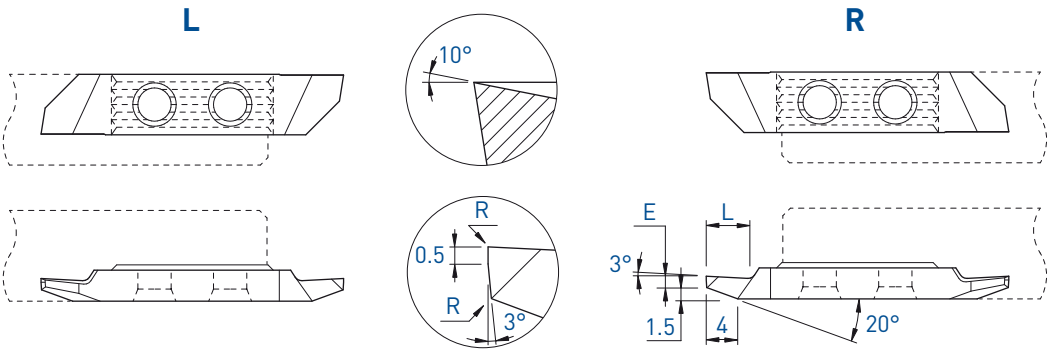
R

| E   | L   | R    | Art. N°     | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div></div><div></div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div></div><div></div></div> | Art. N°     | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div></div><div></div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div></div><div></div></div> |
|-----|-----|------|-------------|-------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------|-------------|-------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------|
|     |     |      |             | TiAlN                                                       | TiN                                                        | N (µk20)                                                 | HTA                                                         | HTIN                                                       | HN (µk10)                                                |             | TiAlN                                                       | TiN                                                        | N (µk20)                                                 | HTA                                                         | HTIN                                                       | HN (µk10)                                                |
| 1.0 | 5   | 0    | 753-1.0     | ●                                                           | ●                                                          | ●                                                        | ●                                                           |                                                            | ●                                                        | 763-1.0     | ●                                                           | ●                                                          | ●                                                        | ●                                                           | ●                                                          | ●                                                        |
| 1.0 | 5   | 0.08 | 753-1.0-R08 | ●                                                           | ●                                                          | ●                                                        |                                                             |                                                            |                                                          | 763-1.0-R08 | ●                                                           | ●                                                          | ●                                                        | ●                                                           |                                                            | ●                                                        |
| 1.5 | 6   | 0    | 753-1.5     | ●                                                           | ●                                                          | ●                                                        |                                                             |                                                            |                                                          | 763-1.5     | ●                                                           | ●                                                          | ●                                                        | ●                                                           |                                                            |                                                          |
| 2.0 | 7.5 | 0    | 753-2.0     | ●                                                           | ●                                                          | ●                                                        |                                                             |                                                            |                                                          | 763-2.0     | ●                                                           | ●                                                          | ●                                                        | ●                                                           |                                                            | ●                                                        |
| 2.5 | 9   | 0    | 753-2.5     | ●                                                           | ●                                                          | ●                                                        |                                                             |                                                            |                                                          | 763-2.5     | ●                                                           | ●                                                          | ●                                                        | ●                                                           |                                                            | ●                                                        |

7XX-XX-B



Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



| E   | L   | R    | Art. N°      | P     | P   | P        | P   | P    | P         | Art. N°      | P     | P   | P        | P   | P    | P         |
|-----|-----|------|--------------|-------|-----|----------|-----|------|-----------|--------------|-------|-----|----------|-----|------|-----------|
|     |     |      |              | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |              | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |
| 1.0 | 5   | 0    | 753X-1.0     | •     | •   | •        |     |      |           | 763X-1.0     | •     | •   | •        | •   |      | •         |
| 1.0 | 5   | 0.08 | 753X-1.0-R08 | •     | •   | •        | •   |      | •         | 763X-1.0-R08 | •     | •   | •        | •   |      | •         |
| 1.0 | 5   | 0.20 | 753X-1.0-R20 | •     | •   | •        |     |      |           | 763X-1.0-R20 | •     | •   | •        |     |      |           |
| 1.5 | 6   | 0    | 753X-1.5     | •     | •   | •        |     |      |           | 763X-1.5     | •     | •   | •        | •   |      | •         |
| 1.5 | 6   | 0.20 | 753X-1.5-R20 | •     | •   | •        |     |      |           | 763X-1.5-R20 | •     | •   | •        |     |      |           |
| 2.0 | 7.5 | 0    | 753X-2.0     | •     | •   | •        |     |      |           | 763X-2.0     | •     | •   | •        |     |      |           |
| 2.0 | 7.5 | 0.20 | 753X-2.0-R20 | •     | •   | •        |     |      |           | 763X-2.0-R20 | •     | •   | •        |     |      |           |
| 2.5 | 9   | 0    | 753X-2.5     | •     | •   | •        |     |      |           | 763X-2.5     | •     | •   | •        |     |      |           |
| 2.5 | 9   | 0.20 | 753X-2.5-R20 | •     | •   | •        |     |      |           | 763X-2.5-R20 | •     | •   | •        |     |      |           |

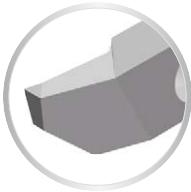
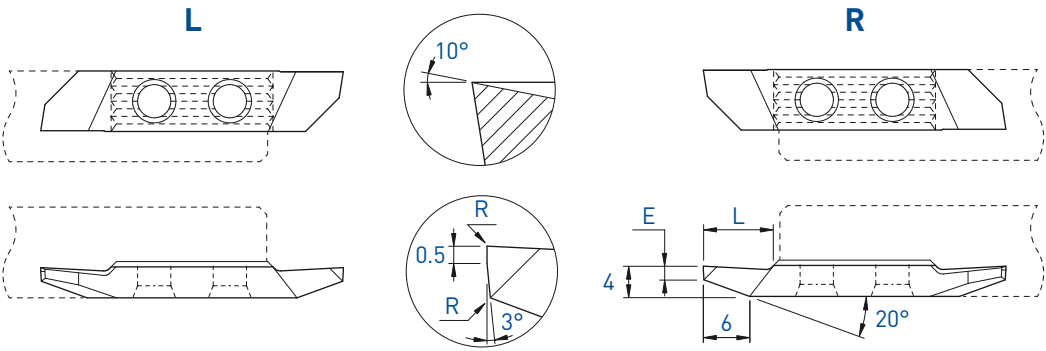
7XX-XX-B



Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Tournage arrière  
Rückwärts drehen  
Back turning

753XS / 763XS

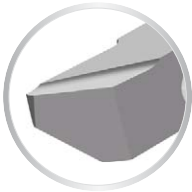
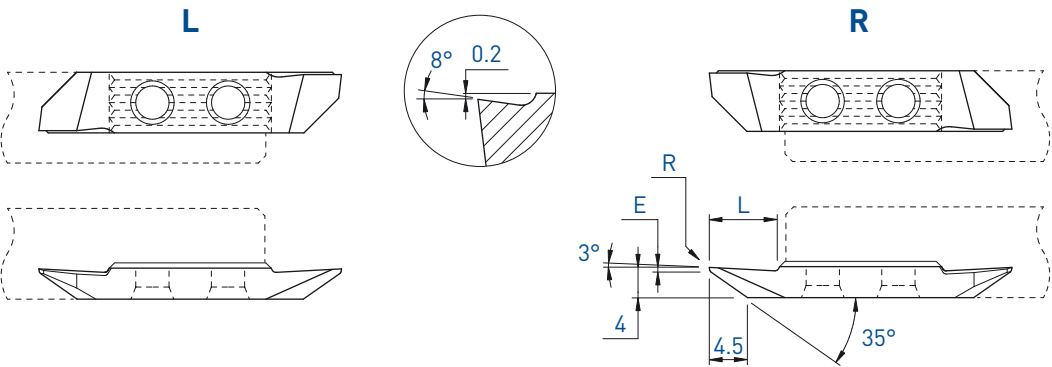


| L                                                                                 |  |  |       |     |          |     |      |           |  | R                                                                                  |  |  |       |     |          |     |      |           |  |
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|  |  |  |       |     |          |     |      |           |  |  |  |  |       |     |          |     |      |           |  |
| Art. N°                                                                           |  |  | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |  | Art. N°                                                                            |  |  | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |  |
| 753XS-1.8                                                                         |  |  | ●     | ●   | ●        |     |      |           |  | 763XS-1.8                                                                          |  |  | ●     | ●   | ●        | ●   |      | ●         |  |
| 753XS-1.8-R20                                                                     |  |  | ●     | ●   | ●        |     |      |           |  | 763XS-1.8-R20                                                                      |  |  | ●     | ●   | ●        |     |      |           |  |

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Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

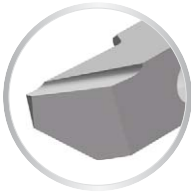
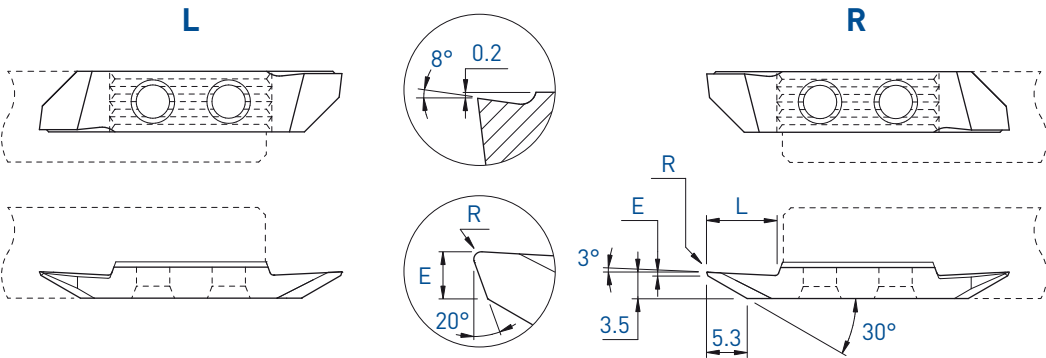


|              |   |   |         | L                                                                                 |                                                                                   |                                                                                   |                                                                                    |                                                                                   |                                                                                   | R                                                                                 |                                                                                   |                                                                                    |                                                                                    |                                                                                     |                                                                                     |                                                                                    |                                                                                     |                                                                                     |
|--------------|---|---|---------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|              |   |   |         |  |                                                                                   |                                                                                   |                                                                                    |                                                                                   |                                                                                   |  |                                                                                   |                                                                                    |                                                                                    |                                                                                     |                                                                                     |                                                                                    |                                                                                     |                                                                                     |
| E            | L | R | Art. N° |  |  |  |   |  |  | Art. N°                                                                           |  |   |  |  |  |                                                                                    |                                                                                     |                                                                                     |
|              |   |   |         |  |  |  |  |  |  |                                                                                   |  |  |   |    |    |  |  |  |
|              |   |   |         | TiAlN                                                                             | TiN                                                                               | N [µk20]                                                                          |                                                                                    | HTA                                                                               | HTiN                                                                              | HN [µk10]                                                                         |                                                                                   | TiAlN                                                                              | TiN                                                                                | N [µk20]                                                                            |                                                                                     | HTA                                                                                | HTiN                                                                                | HN [µk10]                                                                           |
| 753VX-8°     | ● | ● | ●       |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                   |                                                                                   |                                                                                   | 763VX-8°                                                                          | ●                                                                                  | ●                                                                                  | ●                                                                                   |                                                                                     | ●                                                                                  | ●                                                                                   | ●                                                                                   |
| 753VX-8°-R08 | ● | ● | ●       |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                   |                                                                                   |                                                                                   | 763VX-8°-R08                                                                      | ●                                                                                  | ●                                                                                  | ●                                                                                   |                                                                                     | ●                                                                                  |                                                                                     | ●                                                                                   |
| -            |   |   |         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                   |                                                                                   |                                                                                   | 763VX-8°-R20                                                                      | ●                                                                                  | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                    |                                                                                     |                                                                                     |



Tournage arrière  
Rückwärts drehen  
Back turning

753VX-805 / 763VX-805

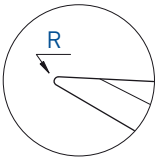
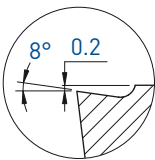


| L                                                                                 |  |  |                                                             |                                                            |                                                           |                                                            |                                                            |                                                            |  | R                                                                                  |  |  |                                                            |                                                            |                                                           |                                                            |                                                            |                                                            |                                                            |  |
|-----------------------------------------------------------------------------------|--|--|-------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--|------------------------------------------------------------------------------------|--|--|------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--|
|  |  |  |                                                             |                                                            |                                                           |                                                            |                                                            |                                                            |  |  |  |  |                                                            |                                                            |                                                           |                                                            |                                                            |                                                            |                                                            |  |
| Art. N°                                                                           |  |  | TiAlN                                                       | TiN                                                        | N (µk20)                                                  | HTA                                                        | HTiN                                                       | HN (µk10)                                                  |  | Art. N°                                                                            |  |  | TiAlN                                                      | TiN                                                        | N (µk20)                                                  | HTA                                                        | HTiN                                                       | HN (µk10)                                                  |                                                            |  |
| 753VX-805-R08                                                                     |  |  | ●                                                           | ●                                                          | ●                                                         | ●                                                          | ●                                                          | ●                                                          |  | 763VX-805-R08                                                                      |  |  | ●                                                          | ●                                                          | ●                                                         | ●                                                          | ●                                                          | ●                                                          |                                                            |  |
|                                                                                   |  |  | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div></div><div>S</div></div> | <div><div>P</div><div>M</div><div>S</div><div></div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div>N</div><div>S</div></div> |  |                                                                                    |  |  | <div><div>P</div><div>M</div><div>S</div><div></div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div></div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div>M</div><div>S</div><div></div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div>N</div><div>S</div></div> |  |

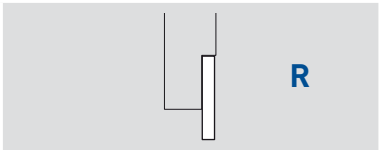
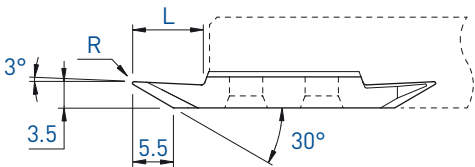
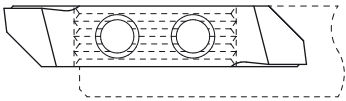
7XX-XX-B



Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



R



| L | R    | Art. N°       | P     | P   | P        | P   | P    | P         |
|---|------|---------------|-------|-----|----------|-----|------|-----------|
|   |      |               | M     | M   |          | M   | M    |           |
|   |      |               | N     | N   |          | N   | N    | N         |
|   |      |               | S     |     | S        | S   |      | S         |
|   |      |               | TiAlN | TiN | N (µk20) | HTA | HTiN | HN (µk10) |
| 9 | 0.08 | 763VX-800-R08 | ●     | ●   | ●        | ●   |      | ●         |
| 9 | 0.20 | 763VX-800-R20 | ●     | ●   | ●        | ●   |      | ●         |

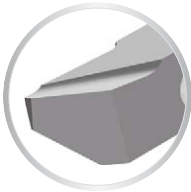
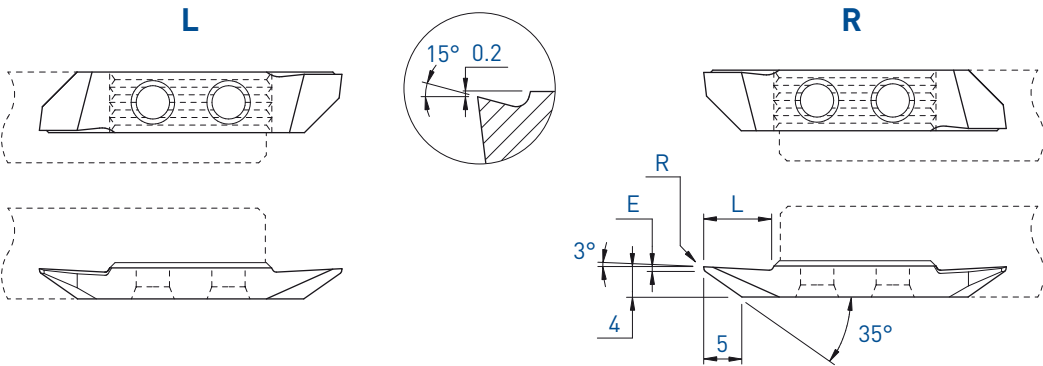
7XX-XX-B



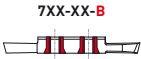
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Tournage arrière  
Rückwärts drehen  
Back turning

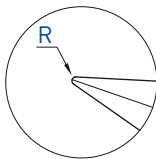
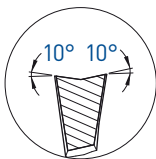
753VX-15° / 763VX-15°



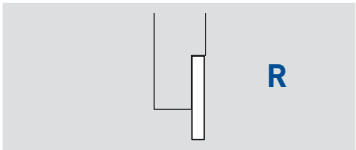
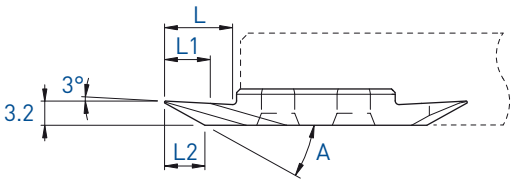
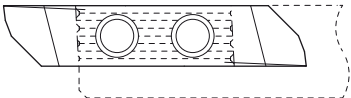
|               |  |  |  | L                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                     |      |           |  |  | R                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                             |  |
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| Art. N°       |  |  |  | TIAIN                                                                                                                                                                                                                                                                                                                                               | TIN                                                                                                                                                                                                                                                                                                                                                 | N [μk20]                                                                                                                                                                                                                                                                                                                                            | HTA                                                                                                                                                                                                                                                                                                                                                 | HTIN | HN [μk10] |  |  |                                                                                                                                                                                                                                                                                                                                                     | Art. N°                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                             |  |
| 753VX-15°     |  |  |  | ●                                                                                                                                                                                                                                                                                                                                                   | ●                                                                                                                                                                                                                                                                                                                                                   | ●                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                     |      |           |  |  |                                                                                                                                                                                                                                                                                                                                                     | 763VX-15°                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                             |  |
| 753VX-15°-R08 |  |  |  | ●                                                                                                                                                                                                                                                                                                                                                   | ●                                                                                                                                                                                                                                                                                                                                                   | ●                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                     |      |           |  |  |                                                                                                                                                                                                                                                                                                                                                     | 763VX-15°-R08                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                             |  |



7XX-XX-B  
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



R



| L | L1 | L2  | A   | R    | Art. N°          |   |   |   |   |
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|   |    |     |     |      |                  |  |  |  |  |
|   |    |     |     |      |                  | TIAIN                                                                              | N (µk20)                                                                            | HTA                                                                                  | HN (µk10)                                                                            |
| 9 | 6  | 5.6 | 29° | 0.05 | 763VUX10-29°-R05 | ●                                                                                  | ●                                                                                   | ●                                                                                    | ●                                                                                    |
| 9 | 6  | 5.5 | 29° | 0.08 | 763VUX10-29°-R08 | ●                                                                                  | ●                                                                                   | ●                                                                                    | ●                                                                                    |
| 9 | 6  | 5.3 | 29° | 0.15 | 763VUX10-29°-R15 | ●                                                                                  | ●                                                                                   | ●                                                                                    | ●                                                                                    |
| 9 | 6  | 4.7 | 29° | 0.35 | 763VUX10-29°-R35 | ●                                                                                  | ●                                                                                   | ●                                                                                    | ●                                                                                    |
| 9 | 6  | 3.6 | 29° | 0.75 | 763VUX10-29°-R75 | ●                                                                                  | ●                                                                                   | ●                                                                                    | ●                                                                                    |
| 9 | 6  | 4.2 | 35° | 0.15 | 763VUX10-35°-R15 | ●                                                                                  | ●                                                                                   | ●                                                                                    | ●                                                                                    |
| 9 | 6  | 3.8 | 35° | 0.35 | 763VUX10-35°-R35 | ●                                                                                  | ●                                                                                   | ●                                                                                    | ●                                                                                    |

7XX-XX-B

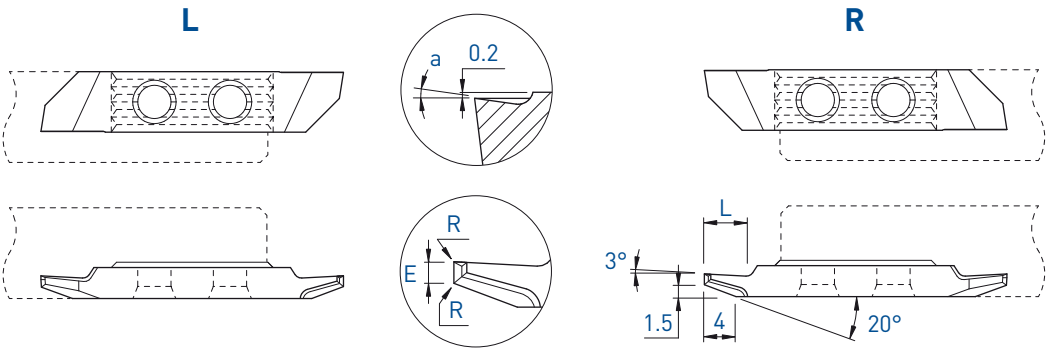


Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



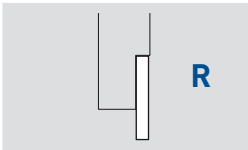
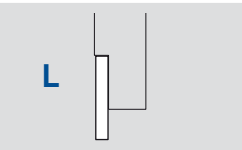
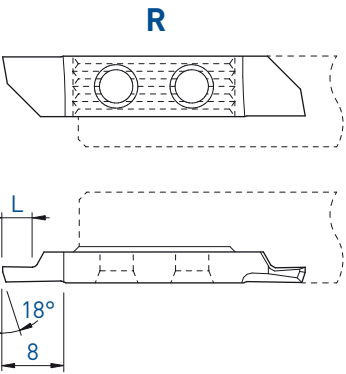
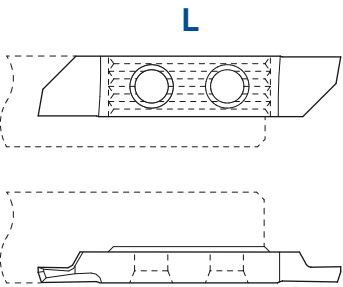
**Tournage arrière**  
Rückwärts drehen  
Back turning

**753ZX / 763ZX**



Pour un meilleur contrôle des copeaux  
Für eine bessere Spankontrolle  
For a better chip-control

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| E   | L   | Art. N°  | P     | P   | P        | Art. N°  | P | P | P     |     |          |
|-----|-----|----------|-------|-----|----------|----------|---|---|-------|-----|----------|
|     |     |          | M     | M   |          |          | M | M |       |     |          |
|     |     |          | N     | N   |          |          | N | N |       |     |          |
|     |     |          | S     |     | S        |          | S |   | S     |     |          |
|     |     |          | TiAlN | TiN | N [µm20] |          |   |   | TiAlN | TiN | N [µm20] |
| 1.5 | 3   | 753P-1.5 | ●     | ●   | ●        | 763P-1.5 | ● | ● | ●     |     |          |
| 1.8 | 3.5 | 753P-1.8 | ●     | ●   | ●        | 763P-1.8 | ● | ● | ●     |     |          |
| 2.0 | 4   | 753P-2.0 | ●     | ●   | ●        | 763P-2.0 | ● | ● | ●     |     |          |
| 2.2 | 5   | 753P-2.2 | ●     | ●   | ●        | 763P-2.2 | ● | ● | ●     |     |          |
| 2.5 | 6   | 753P-2.5 | ●     | ●   | ●        | 763P-2.5 | ● | ● | ●     |     |          |
| 3.0 | 6   | 753P-3.0 | ●     | ●   | ●        | 763P-3.0 | ● | ● | ●     |     |          |

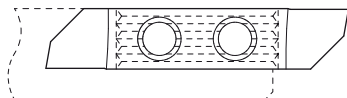
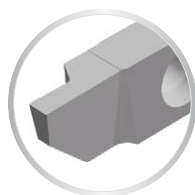
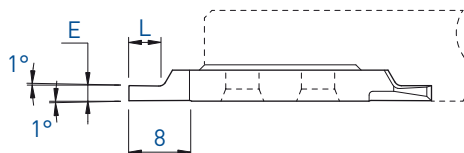
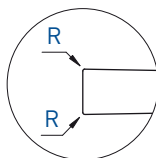
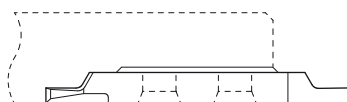
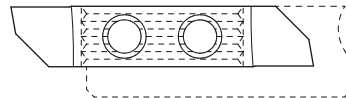
7XX-XX-B



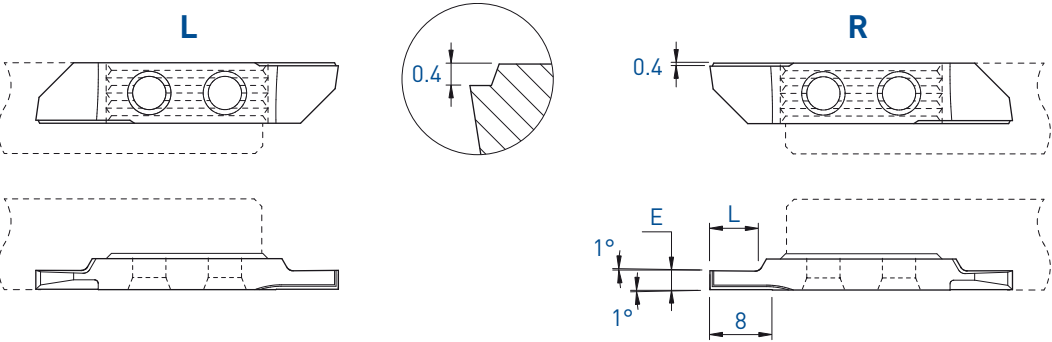
Sur demande pour serrage type B, voir page 1.05

Auf Anfrage für B-Spannsystem, siehe Seite 1.05

On request for B clamping system, see page 1.05

**Fonçage-tournage**Einstechen und drehen  
Grooving and turning**754 / 764****L****R****L****R**

| E    | L   | R    | Art. N°     | P     | P   | P        | P   | P    | P         | Art. N°     | P     | P     | P   | P        | P   | P    | P         |
|------|-----|------|-------------|-------|-----|----------|-----|------|-----------|-------------|-------|-------|-----|----------|-----|------|-----------|
|      |     |      |             | M     | M   |          | M   | M    |           |             | M     | M     |     | M        | M   |      |           |
|      |     |      |             | N     | N   |          | N   | N    |           |             | N     | N     |     | N        | N   |      | N         |
|      |     |      |             | S     |     | S        | S   |      | S         |             | S     |       | S   | S        |     | S    | S         |
|      |     |      |             | TiAlN | TiN | N (μk20) | HTA | HTiN | HN (μk10) |             | TiAlN | TiAlX | TiN | N (μk20) | HTA | HTiN | HN (μk10) |
|      |     |      |             |       |     |          |     |      |           |             |       |       |     |          |     |      |           |
| 0.5  | 1.5 | 0    | 754-0.5     | •     | •   | •        |     |      |           | 764-0.5     | •     | •     | •   | •        | •   | •    | •         |
| 0.75 | 2   | 0    | 754-0.75    | •     | •   | •        |     |      |           | 764-0.75    | •     | •     | •   | •        |     |      |           |
| 0.8  | 2   | 0    | -           |       |     |          |     |      |           | 764-0.8     | •     | •     | •   | •        | •   |      | •         |
| 0.95 | 3   | 0    | 754-0.95    | •     | •   | •        | •   |      | •         | 764-0.95    | •     | •     | •   | •        |     |      |           |
| 1.0  | 2.5 | 0    | 754-1.0     | •     | •   | •        |     |      | •         | 764-1.0     | •     | •     | •   | •        |     | •    | •         |
| 1.0  | 2.5 | 0.08 | 754-1.0-R08 | •     | •   | •        |     |      |           | 764-1.0-R08 | •     | •     | •   | •        | •   |      | •         |
| 1.2  | 3   | 0    | 754-1.2     | •     | •   | •        |     |      |           | 764-1.2     | •     | •     | •   | •        |     |      | •         |
| 1.5  | 3   | 0    | 754-1.5     | •     | •   | •        | •   |      | •         | 764-1.5     | •     | •     | •   | •        | •   | •    |           |
| 1.5  | 3   | 0.08 | 754-1.5-R08 | •     | •   | •        | •   |      | •         | 764-1.5-R08 | •     | •     | •   | •        | •   |      | •         |
| 1.5  | 3   | 0.15 | -           |       |     |          |     |      |           | 764-1.5-R15 | •     | •     | •   | •        |     |      | •         |
| 1.5  | 3   | 0.20 | -           |       |     |          |     |      |           | 764-1.5-R20 | •     | •     | •   | •        | •   | •    | •         |
| 1.8  | 4   | 0    | 754-1.8     | •     | •   | •        |     |      |           | 764-1.8     | •     | •     | •   | •        |     |      |           |
| 2.0  | 4   | 0    | 754-2.0     | •     | •   | •        | •   | •    | •         | 764-2.0     | •     | •     | •   | •        | •   | •    | •         |
| 2.0  | 4   | 0.08 | 754-2.0-R08 | •     | •   | •        | •   |      | •         | 764-2.0-R08 | •     | •     | •   | •        | •   |      | •         |
| 2.0  | 4   | 0.15 | -           |       |     |          |     |      |           | 764-2.0-R15 | •     | •     | •   | •        | •   |      | •         |
| 2.0  | 4   | 0.20 | 754-2.0-R20 | •     | •   | •        |     |      |           | 764-2.0-R20 | •     | •     | •   | •        | •   | •    | •         |
| 2.5  | 6   | 0    | 754-2.5     | •     | •   | •        |     |      |           | 764-2.5     | •     | •     | •   | •        | •   | •    | •         |
| 2.5  | 6   | 0.15 | -           |       |     |          |     |      |           | 764-2.5-R15 | •     | •     | •   | •        | •   |      | •         |
| 2.5  | 6   | 0.20 | -           |       |     |          |     |      |           | 764-2.5-R20 | •     | •     | •   | •        | •   |      | •         |
| 3.0  | 6   | 0    | 754-3.0     | •     | •   | •        | •   |      | •         | 764-3.0     | •     | •     | •   | •        | •   |      | •         |
| 3.0  | 6   | 0.08 | 754-3.0-R08 | •     | •   | •        |     |      |           | 764-3.0-R08 | •     | •     | •   | •        | •   |      | •         |
| 3.0  | 6   | 0.15 | -           |       |     |          |     |      |           | 764-3.0-R15 | •     | •     | •   | •        | •   |      | •         |
| 3.0  | 6   | 0.20 | 754-3.0-R20 | •     | •   | •        | •   |      | •         | 764-3.0-R20 | •     | •     | •   | •        |     |      | •         |
| 4.0  | 8   | 0    | 754-4.0     | •     | •   | •        | •   | •    | •         | 764-4.0     | •     | •     | •   | •        | •   |      | •         |



| L         |                                                             |                                                            |                                                           |                                                             |                                                            |                                                            |                                                           |   | R |   |   |  |   |  |  |  |  |
|-----------|-------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|---|---|---|---|--|---|--|--|--|--|
|           |                                                             |                                                            |                                                           |                                                             |                                                            |                                                            |                                                           |   |   |   |   |  |   |  |  |  |  |
| Art. N°   | TiAlN                                                       | TiN                                                        | N (µk20)                                                  | HTA                                                         | HTiN                                                       | HN (µk10)                                                  |                                                           |   |   |   |   |  |   |  |  |  |  |
|           | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div></div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div>N</div><div>S</div></div> | <div><div>P</div><div></div><div></div><div>S</div></div> |   |   |   |   |  |   |  |  |  |  |
| 754VS-1.0 | ●                                                           | ●                                                          | ●                                                         |                                                             |                                                            |                                                            | 764VS-1.0                                                 | ● | ● | ● |   |  |   |  |  |  |  |
| 754VS-1.2 | ●                                                           | ●                                                          | ●                                                         | ●                                                           |                                                            | ●                                                          | 764VS-1.2                                                 | ● | ● | ● |   |  |   |  |  |  |  |
| 754VS-1.5 | ●                                                           | ●                                                          | ●                                                         |                                                             |                                                            |                                                            | 764VS-1.5                                                 | ● | ● | ● |   |  |   |  |  |  |  |
| 754VS-2.0 | ●                                                           | ●                                                          | ●                                                         |                                                             |                                                            |                                                            | 764VS-2.0                                                 | ● | ● | ● |   |  |   |  |  |  |  |
| 754VS-2.5 | ●                                                           | ●                                                          | ●                                                         |                                                             |                                                            |                                                            | 764VS-2.5                                                 | ● | ● | ● | ● |  | ● |  |  |  |  |
| 754VS-3.0 | ●                                                           | ●                                                          | ●                                                         |                                                             |                                                            |                                                            | 764VS-3.0                                                 | ● | ● | ● |   |  |   |  |  |  |  |

7XX-XX-B

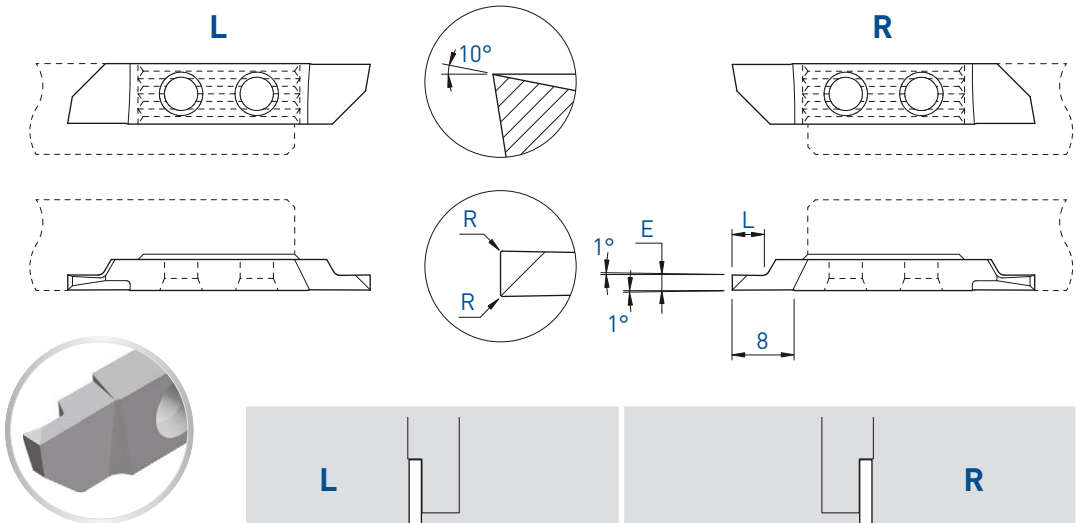


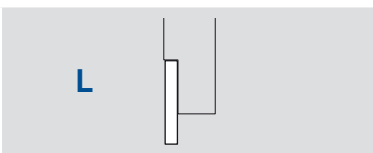
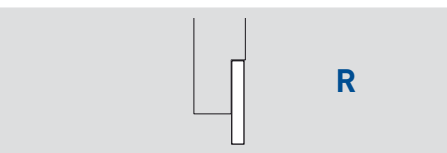
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

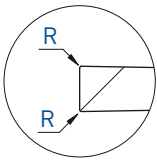
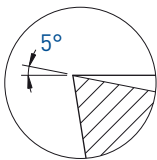
**Fonçage-tournage**

Einstechen und drehen

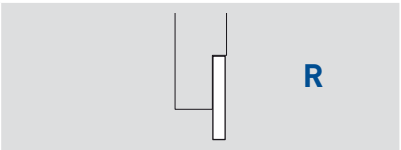
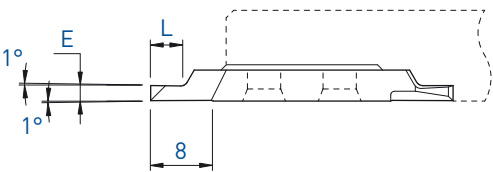
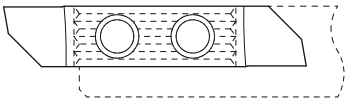
Grooving and turning

**754X / 764X**

|  |     |      |  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |              |    |  |       |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------|----|------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                                   |     |      |                                                                                   |  |  |  |  |  |  |              |    |                                                                                    |       |  |  |  |  |  |  |  |
| E                                                                                 | L   | R    | Art. N°                                                                           | TiAlN                                                                             | TiN                                                                               | N (µk20)                                                                          | HTA                                                                               | HTiN                                                                              | HN (µk10)                                                                         | Art. N°      | ST | TiAlN                                                                              | TiAlX | TiN                                                                               | N (µk20)                                                                          | HTA                                                                               | HTiN                                                                               | HN (µk10)                                                                           |                                                                                     |                                                                                     |
| 1.0                                                                               | 2.5 | 0    | 754X-1.0                                                                          | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | 764X-1.0     |    | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 1.0                                                                               | 2.5 | 0.08 | 754X-1.0-R08                                                                      | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   | ●                                                                                 | 764X-1.0-R08 | ●  |                                                                                    |       |                                                                                   |                                                                                   | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 1.0                                                                               | 2.5 | 0.20 | -                                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 764X-1.0-R20 | ●  | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| 1.2                                                                               | 3   | 0    | 754X-1.2                                                                          | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   |                                                                                   |                                                                                   | 764X-1.2     |    | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 1.2                                                                               | 3   | 0.08 | -                                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 764X-1.2-R08 | ●  | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| 1.5                                                                               | 3   | 0    | 754X-1.5                                                                          | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   | ●                                                                                 | 764X-1.5     |    | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 1.5                                                                               | 3   | 0.08 | 754X-1.5-R08                                                                      | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   | ●                                                                                 | 764X-1.5-R08 | ●  |                                                                                    |       |                                                                                   |                                                                                   | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 1.5                                                                               | 3   | 0.15 | -                                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 764X-1.5-R15 | ●  | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 1.5                                                                               | 3   | 0.20 | 754X-1.5-R20                                                                      | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   |                                                                                   |                                                                                   | 764X-1.5-R20 | ●  | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 1.8                                                                               | 4   | 0    | 754X-1.8                                                                          | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   |                                                                                   |                                                                                   | 764X-1.8     |    | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 1.8                                                                               | 4   | 0.20 | -                                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 764X-1.8-R20 | ●  | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| 2.0                                                                               | 4   | 0    | 754X-2.0                                                                          | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   | ●                                                                                 | 764X-2.0     |    | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 2.0                                                                               | 4   | 0.08 | 754X-2.0-R08                                                                      | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   | ●                                                                                 | 764X-2.0-R08 | ●  | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 2.0                                                                               | 4   | 0.15 | -                                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 764X-2.0-R15 | ●  | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| 2.0                                                                               | 4   | 0.20 | 754X-2.0-R20                                                                      | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   | ●                                                                                 | 764X-2.0-R20 | ●  | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 2.0                                                                               | 4   | 0.35 | -                                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 764X-2.0-R35 | ●  | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 2.5                                                                               | 6   | 0    | 754X-2.5                                                                          | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | 764X-2.5     |    |                                                                                    | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 2.5                                                                               | 6   | 0.15 | -                                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 764X-2.5-R15 | ●  | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                    | ●                                                                                   |                                                                                     |                                                                                     |
| 2.5                                                                               | 6   | 0.20 | 754X-2.5-R20                                                                      | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   | ●                                                                                 | 764X-2.5-R20 | ●  |                                                                                    |       |                                                                                   |                                                                                   | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 2.5                                                                               | 6   | 0.35 | -                                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 764X-2.5-R35 | ●  | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 3.0                                                                               | 6   | 0    | 754X-3.0                                                                          | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   |                                                                                   |                                                                                   | 764X-3.0     |    | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 3.0                                                                               | 6   | 0.08 | 754X-3.0-R08                                                                      | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   |                                                                                   |                                                                                   | 764X-3.0-R08 | ●  | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 3.0                                                                               | 6   | 0.15 | -                                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 764X-3.0-R15 | ●  | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| 3.0                                                                               | 6   | 0.20 | 754X-3.0-R20                                                                      | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   |                                                                                   |                                                                                   | 764X-3.0-R20 | ●  | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 3.0                                                                               | 6   | 0.35 | -                                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 764X-3.0-R35 | ●  | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 4.0                                                                               | 8   | 0    | 754X-4.0                                                                          | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   |                                                                                   |                                                                                   | 764X-4.0     |    | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 4.0                                                                               | 8   | 0.20 | 754X-4.0-R20                                                                      | ●                                                                                 | ●                                                                                 | ●                                                                                 |                                                                                   |                                                                                   |                                                                                   | 764X-4.0-R20 | ●  | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |
| 4.0                                                                               | 8   | 0.35 | -                                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 764X-4.0-R35 | ●  | ●                                                                                  | ●     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | ●                                                                                   |                                                                                     |                                                                                     |



R



| E   | L     | R     | Art. N°          | P        | P | P | P | P |
|-----|-------|-------|------------------|----------|---|---|---|---|
|     |       |       |                  | M        | M | M | M |   |
| ST  | TiAlN | TiAlX | TiN              | N (µk20) |   |   |   |   |
|     |       |       |                  |          |   |   |   |   |
| 1.5 | 3     | 0.08  | 764X5-1.5-R08-EP | •        | • | • | • | • |
| 2.0 | 4     | 0.08  | 764X5-2.0-R08-EP | •        | • | • | • | • |
| 2.5 | 6     | 0.08  | 764X5-2.5-R08-EP | •        | • | • | • | • |
| 2.5 | 6     | 0.15  | 764X5-2.5-R15-EP | •        | • | • | • | • |
| 3.0 | 6     | 0.08  | 764X5-3.0-R08-EP | •        | • | • | • | • |
| 3.0 | 6     | 0.15  | 764X5-3.0-R15-EP | •        | • | • | • | • |
| 4.0 | 8     | 0.15  | 764X5-4.0-R15-EP | •        | • | • | • | • |
| 4.0 | 8     | 0.35  | 764X5-4.0-R35-EP | •        | • | • | • | • |



Arête de coupe honée  
Gehonte Schneidkante  
Honed edge

f min: 0.02 mm/U

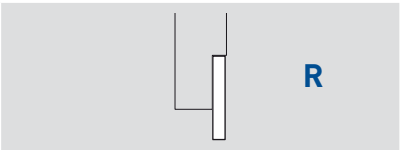
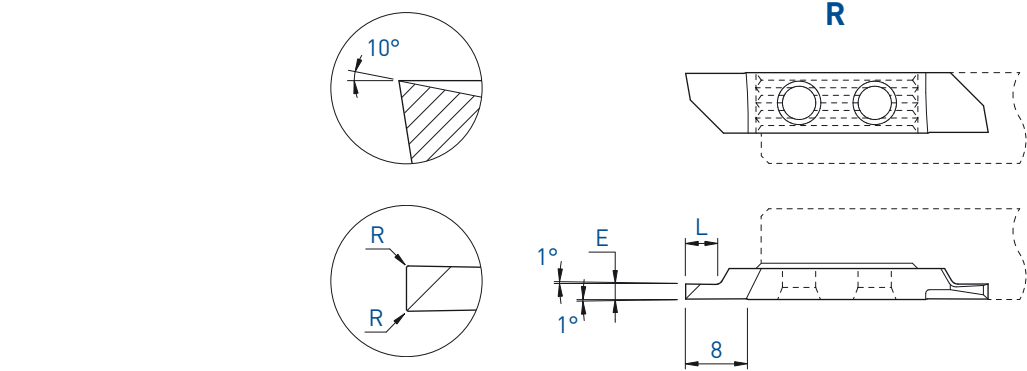
7XX-XX-B



Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Fonçage-tournage  
Einstechen und drehen  
Grooving and turning

764X10-EP

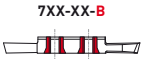


| E   | L | R    | Art. N°           | P  | P     | P     | P   | P        |
|-----|---|------|-------------------|----|-------|-------|-----|----------|
|     |   |      |                   | M  | M     | M     | M   |          |
|     |   |      |                   | N  | N     |       | N   |          |
|     |   |      |                   | S  | S     | S     |     | S        |
|     |   |      |                   | ST | TiAlN | TiAlX | TiN | N (µm20) |
| 1.5 | 3 | 0.08 | 764X10-1.5-R08-EP | ●  | ●     | ●     | ●   | ●        |
| 2.0 | 4 | 0.08 | 764X10-2.0-R08-EP | ●  | ●     | ●     | ●   | ●        |
| 2.5 | 6 | 0.08 | 764X10-2.5-R08-EP | ●  | ●     | ●     | ●   | ●        |
| 2.5 | 6 | 0.15 | 764X10-2.5-R15-EP | ●  | ●     | ●     | ●   | ●        |
| 3.0 | 6 | 0.08 | 764X10-3.0-R08-EP | ●  | ●     | ●     | ●   | ●        |
| 3.0 | 6 | 0.15 | 764X10-3.0-R15-EP | ●  | ●     | ●     | ●   | ●        |
| 4.0 | 8 | 0.15 | 764X10-4.0-R15-EP | ●  | ●     | ●     | ●   | ●        |
| 4.0 | 8 | 0.35 | 764X10-4.0-R35-EP | ●  | ●     | ●     | ●   | ●        |

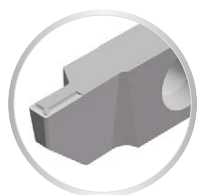
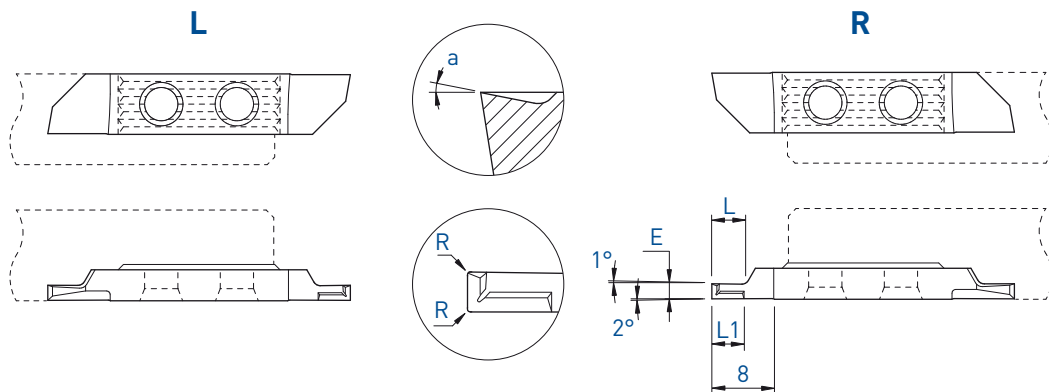


Arête de coupe honée  
Gehonte Schneidkante  
Honed edge

f min: 0.02 mm/U



Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



Pour un meilleur contrôle des copeaux  
Für eine bessere Spankontrolle  
For a better chip-control



Arête de coupe honée  
Gehonte Schneidkante  
Honed edge

f min: 0.02 mm/U

|     |     |   |    |      | L               |                  |                  |                  |                  | R               |                  |                  |                  |                  |
|-----|-----|---|----|------|-----------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|------------------|------------------|
|     |     |   |    |      |                 |                  |                  |                  |                  |                 |                  |                  |                  |                  |
| a   | E   | L | L1 | R    | Art. N°         | P<br>M<br>N<br>S | P<br>M<br>N<br>S | P<br>M<br>N<br>S | P<br>M<br>N<br>S | Art. N°         | P<br>M<br>N<br>S | P<br>M<br>N<br>S | P<br>M<br>N<br>S | P<br>M<br>N<br>S |
| 10° | 1.5 | 4 | 4  | 0.03 | 754ZX10-1.5-R03 | •                |                  |                  |                  | 764ZX10-1.5-R03 | •                | •                | •                |                  |
|     | 1.5 | 4 | 4  | 0.08 | 754ZX10-1.5-R08 | •                |                  |                  |                  | 764ZX10-1.5-R08 | •                | •                | •                |                  |
|     | 2.0 | 4 | 4  | 0.08 | 754ZX10-2.0-R08 | •                |                  |                  |                  | 764ZX10-2.0-R08 | •                | •                | •                |                  |
|     | 2.0 | 4 | 4  | 0.20 | -               |                  |                  |                  |                  | 764ZX10-2.0-R20 | •                | •                | •                |                  |
|     | 2.5 | 5 | 5  | 0.08 | 754ZX10-2.5-R08 | •                | •                |                  |                  | 764ZX10-2.5-R08 | •                | •                | •                |                  |
|     | 2.5 | 5 | 5  | 0.20 | -               |                  |                  |                  |                  | 764ZX10-2.5-R20 | •                | •                | •                |                  |
|     | 3.0 | 6 | 6  | 0.08 | 754ZX10-3.0-R08 | •                |                  |                  |                  | 764ZX10-3.0-R08 | •                | •                | •                |                  |
|     | 3.0 | 6 | 6  | 0.20 | -               |                  |                  |                  |                  | 764ZX10-3.0-R20 | •                | •                | •                |                  |
| 25° | 4.0 | 6 | 6  | 0.20 | -               |                  |                  |                  |                  | 764ZX10-4.0-R20 | •                | •                |                  |                  |
|     | 2.0 | 4 | 4  | 0.08 | -               |                  |                  |                  |                  | 764ZX25-2.0-R08 |                  |                  | •                | •                |
|     | 2.0 | 4 | 4  | 0.20 | -               |                  |                  |                  |                  | 764ZX25-2.0-R20 |                  |                  | •                | •                |
|     | 2.5 | 5 | 5  | 0.08 | -               |                  |                  |                  |                  | 764ZX25-2.5-R08 |                  |                  | •                | •                |
|     | 2.5 | 5 | 5  | 0.20 | -               |                  |                  |                  |                  | 764ZX25-2.5-R20 |                  |                  | •                | •                |

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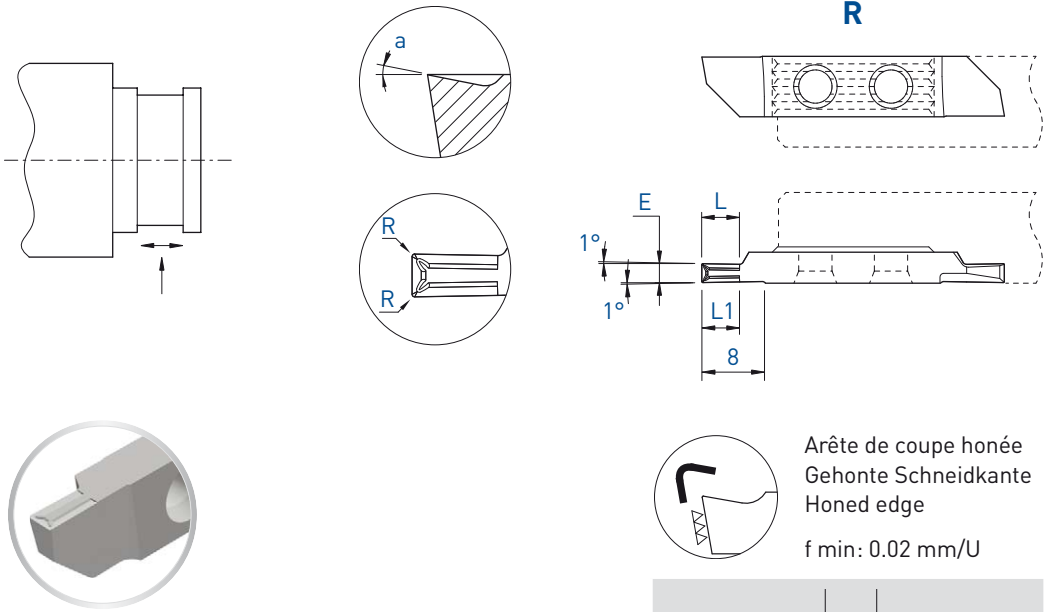


Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



**Fonçage-tournage**

Einstechen und drehen  
Grooving and turning

**764ZXB**

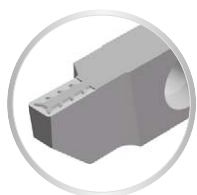
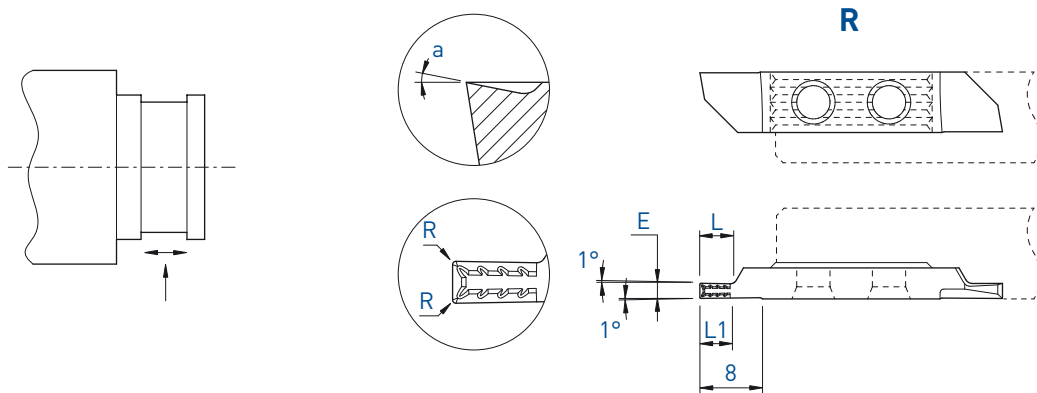
| a   | E   | L | L1 | R    | Art. N°          | <div> <div>P</div> <div>M</div> <div>N</div> <div>S</div> </div> <div> <div>P</div> <div>M</div> <div>N</div> <div>S</div> </div> <div> <div>P</div> <div>M</div> <div>N</div> <div>S</div> </div> <div> <div>P</div> <div>M</div> <div>N</div> <div>S</div> </div> <div> <div>P</div> <div>M</div> <div>N</div> <div>S</div> </div> |       |       |     |          |
|-----|-----|---|----|------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-----|----------|
|     |     |   |    |      |                  | ST                                                                                                                                                                                                                                                                                                                                   | TiAlN | TiAlX | TiN | N (µk20) |
| 10° | 1.5 | 4 | 4  | 0.08 | 764ZXB10-1.5-R08 | •                                                                                                                                                                                                                                                                                                                                    | •     | •     |     |          |
|     | 2.0 | 4 | 4  | 0.08 | 764ZXB10-2.0-R08 | •                                                                                                                                                                                                                                                                                                                                    | •     | •     |     |          |
|     | 2.0 | 4 | 4  | 0.15 | 764ZXB10-2.0-R15 | •                                                                                                                                                                                                                                                                                                                                    | •     | •     |     |          |
|     | 2.0 | 4 | 4  | 0.35 | 764ZXB10-2.0-R35 | •                                                                                                                                                                                                                                                                                                                                    | •     | •     |     |          |
|     | 2.5 | 5 | 5  | 0.08 | 764ZXB10-2.5-R08 | •                                                                                                                                                                                                                                                                                                                                    | •     | •     |     |          |
|     | 2.5 | 5 | 5  | 0.15 | 764ZXB10-2.5-R15 | •                                                                                                                                                                                                                                                                                                                                    | •     | •     |     |          |
|     | 2.5 | 5 | 5  | 0.35 | 764ZXB10-2.5-R35 | •                                                                                                                                                                                                                                                                                                                                    | •     | •     |     |          |
|     | 3.0 | 6 | 6  | 0.08 | 764ZXB10-3.0-R08 | •                                                                                                                                                                                                                                                                                                                                    | •     | •     |     |          |
|     | 3.0 | 6 | 6  | 0.15 | 764ZXB10-3.0-R15 | •                                                                                                                                                                                                                                                                                                                                    | •     | •     |     |          |
|     | 3.0 | 6 | 6  | 0.35 | 764ZXB10-3.0-R35 | •                                                                                                                                                                                                                                                                                                                                    | •     | •     |     |          |

**7XX-XX-B**

Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

## 754ZXT / 764ZXT

**Fonçage-tournage**  
Einstechen und drehen  
Grooving and turning



Pour un meilleur contrôle des copeaux  
Für eine bessere Spankontrolle  
For a better chip-control



Arête de coupe honée  
Gehonte Schneidkante  
Honed edge

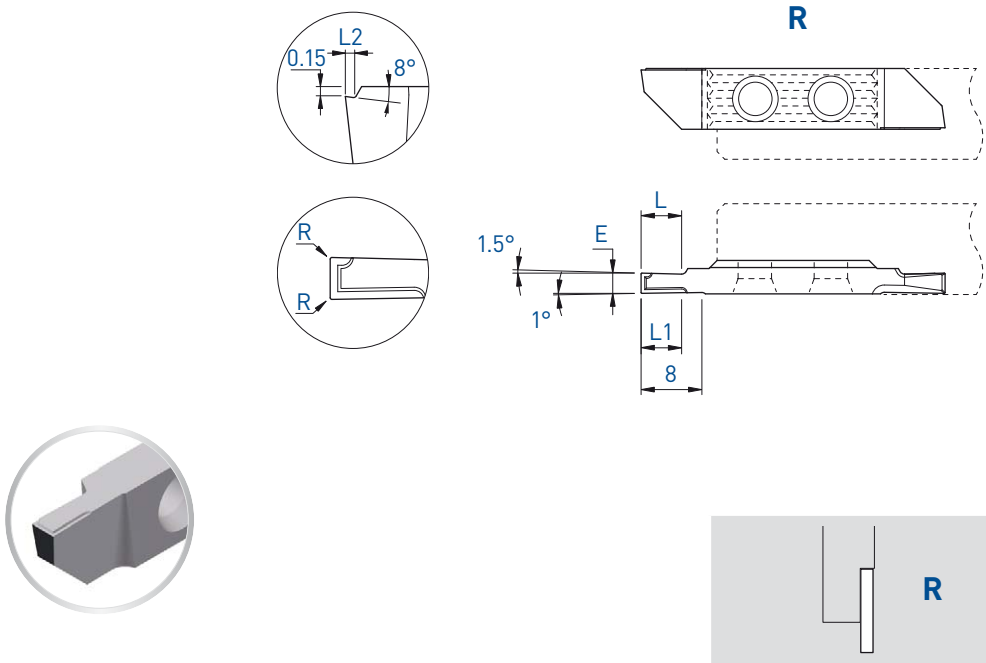
$f$  min: 0.02 mm/U

|                  |  |                                                             |                                                             | L                                                           |                  |  |                                                             |                                                             |                                                             |                                                             |                                                             | R   |           |                                                             |                                                             |
|------------------|--|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|------------------|--|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-----|-----------|-------------------------------------------------------------|-------------------------------------------------------------|
|                  |  |                                                             |                                                             |                                                             |                  |  |                                                             |                                                             |                                                             |                                                             |                                                             |     |           |                                                             |                                                             |
|                  |  | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> |                  |  | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> |     |           | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> |
| Art. N°          |  | TiAIN                                                       | TiN                                                         | N [µk20]                                                    | Art. N°          |  | ST                                                          | TiAIN                                                       | TiAlX                                                       | TiN                                                         | N [µk20]                                                    | HTA | HN [µk10] |                                                             |                                                             |
| -                |  |                                                             |                                                             |                                                             | 764ZXT10-1.5-R03 |  | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |     |           |                                                             |                                                             |
| 754ZXT10-1.5-R08 |  | ●                                                           |                                                             |                                                             | 764ZXT10-1.5-R08 |  | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             |     |           |                                                             |                                                             |
| 754ZXT10-1.5-R20 |  | ●                                                           |                                                             |                                                             | -                |  |                                                             |                                                             |                                                             |                                                             |                                                             |     |           |                                                             |                                                             |
| 754ZXT10-2.0-R08 |  | ●                                                           |                                                             |                                                             | 764ZXT10-2.0-R08 |  | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             |     |           |                                                             |                                                             |
| 754ZXT10-2.0-R20 |  | ●                                                           |                                                             |                                                             | 764ZXT10-2.0-R20 |  | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             |     |           |                                                             |                                                             |
| -                |  |                                                             |                                                             |                                                             | 764ZXT10-2.0-R40 |  | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |     |           |                                                             |                                                             |
| 754ZXT10-2.5-R08 |  | ●                                                           |                                                             |                                                             | 764ZXT10-2.5-R08 |  | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             |     |           |                                                             |                                                             |
| 754ZXT10-2.5-R20 |  | ●                                                           |                                                             |                                                             | 764ZXT10-2.5-R20 |  | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |     |           |                                                             |                                                             |
| -                |  |                                                             |                                                             |                                                             | 764ZXT10-2.5-R40 |  | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |     |           |                                                             |                                                             |
| 754ZXT10-3.0-R08 |  | ●                                                           | ●                                                           |                                                             | 764ZXT10-3.0-R08 |  | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |     |           |                                                             |                                                             |
| -                |  |                                                             |                                                             |                                                             | 764ZXT10-3.0-R20 |  | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             | ●   |           |                                                             |                                                             |
| -                |  |                                                             |                                                             |                                                             | 764ZXT10-3.0-R40 |  | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |     |           |                                                             |                                                             |
| -                |  |                                                             |                                                             |                                                             | 764ZXT10-4.0-R20 |  | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             |     |           |                                                             |                                                             |
| -                |  |                                                             |                                                             |                                                             | 764ZXT10-4.0-R40 |  | ●                                                           | ●                                                           | ●                                                           | ●                                                           |                                                             |     |           |                                                             |                                                             |
| -                |  |                                                             |                                                             |                                                             | 764ZXT10-4.0-R80 |  | ●                                                           | ●                                                           | ●                                                           |                                                             |                                                             |     |           |                                                             |                                                             |

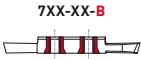
7XX-XX-B



Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

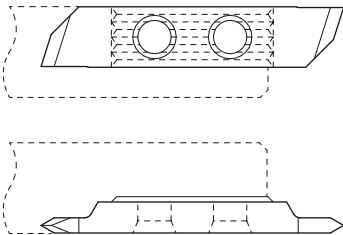


| E   | L | L1  | L2   | R    | Art. N°            | <div><div><div></div><div></div><div>N</div><div>S</div></div><div><div>P</div><div>M</div><div>N</div><div>S</div></div></div> |              |
|-----|---|-----|------|------|--------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------|
|     |   |     |      |      |                    | KCR                                                                                                                             | KN (µk10-20) |
| 1.5 | 3 | 2.5 | 0.24 | 0.08 | 764ZF-X824-1.5-R08 | ● ●                                                                                                                             |              |
| 1.5 | 3 | 2.5 | 0.36 | 0.08 | 764ZF-X836-1.5-R08 | ● ●                                                                                                                             |              |
| 2.0 | 4 | 3   | 0.24 | 0.08 | 764ZF-X824-2.0-R08 | ● ●                                                                                                                             |              |
| 2.0 | 4 | 3   | 0.36 | 0.08 | 764ZF-X836-2.0-R08 | ● ●                                                                                                                             |              |
| 2.0 | 4 | 3   | 0.48 | 0.15 | 764ZF-X848-2.0-R15 | ● ●                                                                                                                             |              |
| 2.5 | 6 | 4   | 0.24 | 0.08 | 764ZF-X824-2.5-R08 | ● ●                                                                                                                             |              |
| 2.5 | 6 | 4   | 0.36 | 0.08 | 764ZF-X836-2.5-R08 | ● ●                                                                                                                             |              |
| 2.5 | 6 | 4   | 0.48 | 0.15 | 764ZF-X848-2.5-R15 | ● ●                                                                                                                             |              |
| 3.0 | 6 | 4   | 0.36 | 0.08 | 764ZF-X836-3.0-R08 | ● ●                                                                                                                             |              |
| 3.0 | 6 | 4   | 0.48 | 0.15 | 764ZF-X848-3.0-R15 | ● ●                                                                                                                             |              |

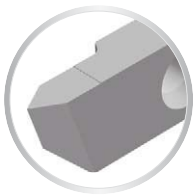
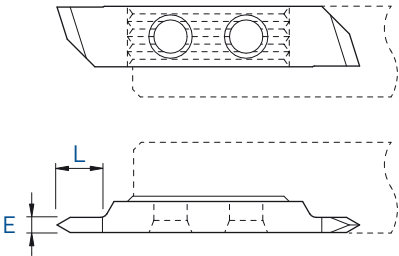


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Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

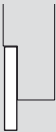
L



R



Profil partiel  
Teilprofil  
Partial profile

| L                                                                                 |                                                             |                                                            |                                                           |                                                             |                                                            |                                                            |                                                           |                                                             |                                                            | R                                                                                 |                                                             |                                                            |                                                            |                                                             |                                                            |                                                           |                                                             |                                                            |                                                            |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|
|  |                                                             |                                                            |                                                           |                                                             |                                                            |                                                            |                                                           |                                                             |                                                            |  |                                                             |                                                            |                                                            |                                                             |                                                            |                                                           |                                                             |                                                            |                                                            |
| Art. N°                                                                           | TiAlN                                                       | TiN                                                        | N (µk20)                                                  | HTA                                                         | HTiN                                                       | HN (µk10)                                                  | TiAlN                                                     | TiN                                                         | N (µk20)                                                   | HTA                                                                               | HTiN                                                        | HN (µk10)                                                  | TiAlN                                                      | TiN                                                         | N (µk20)                                                   | HTA                                                       | HTiN                                                        | HN (µk10)                                                  |                                                            |
|                                                                                   | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div></div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div>N</div><div>S</div></div> | <div><div>P</div><div></div><div></div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div></div><div>S</div></div>                         | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div></div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> | <div><div>P</div><div>M</div><div>N</div><div></div></div> | <div><div>P</div><div></div><div>N</div><div>S</div></div> |
| 756-60-2.0                                                                        | ●                                                           | ●                                                          | ●                                                         |                                                             |                                                            |                                                            | ●                                                         | ●                                                           | ●                                                          |                                                                                   |                                                             |                                                            | ●                                                          | ●                                                           | ●                                                          |                                                           |                                                             |                                                            |                                                            |
| 756-60-2.0-R02                                                                    | ●                                                           | ●                                                          | ●                                                         | ●                                                           |                                                            | ●                                                          | ●                                                         | ●                                                           | ●                                                          |                                                                                   |                                                             |                                                            | ●                                                          | ●                                                           | ●                                                          | ●                                                         |                                                             | ●                                                          |                                                            |
| 756-60-3.0                                                                        | ●                                                           | ●                                                          | ●                                                         |                                                             |                                                            |                                                            | ●                                                         | ●                                                           | ●                                                          |                                                                                   |                                                             |                                                            | ●                                                          | ●                                                           | ●                                                          |                                                           |                                                             |                                                            |                                                            |
| 756-60-3.0-R02                                                                    | ●                                                           | ●                                                          | ●                                                         | ●                                                           |                                                            | ●                                                          | ●                                                         | ●                                                           | ●                                                          |                                                                                   |                                                             |                                                            | ●                                                          | ●                                                           | ●                                                          | ●                                                         |                                                             | ●                                                          |                                                            |
| 756-55-2.0                                                                        | ●                                                           | ●                                                          | ●                                                         |                                                             |                                                            |                                                            | ●                                                         | ●                                                           | ●                                                          |                                                                                   |                                                             |                                                            | ●                                                          | ●                                                           | ●                                                          |                                                           |                                                             |                                                            |                                                            |
| 756-55-2.0-R02                                                                    | ●                                                           | ●                                                          | ●                                                         |                                                             |                                                            |                                                            | ●                                                         | ●                                                           | ●                                                          |                                                                                   |                                                             |                                                            | ●                                                          | ●                                                           | ●                                                          |                                                           |                                                             |                                                            |                                                            |
| 756-55-3.0                                                                        | ●                                                           | ●                                                          | ●                                                         |                                                             |                                                            |                                                            | ●                                                         | ●                                                           | ●                                                          |                                                                                   |                                                             |                                                            | ●                                                          | ●                                                           | ●                                                          |                                                           |                                                             |                                                            |                                                            |
| 756-55-3.0-R02                                                                    | ●                                                           | ●                                                          | ●                                                         |                                                             |                                                            |                                                            | ●                                                         | ●                                                           | ●                                                          |                                                                                   |                                                             |                                                            | ●                                                          | ●                                                           | ●                                                          |                                                           |                                                             |                                                            |                                                            |

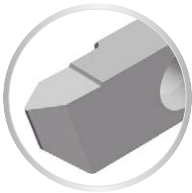
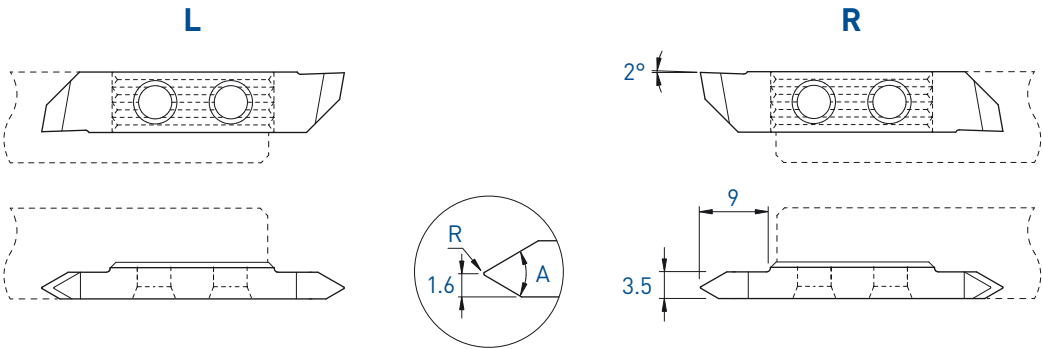
7XX-XX-B



Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Filetage  
Gewinde drehen  
Threading

756-AG60° / 766-AG60°  
756-G60° / 766-G60°



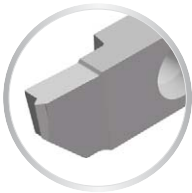
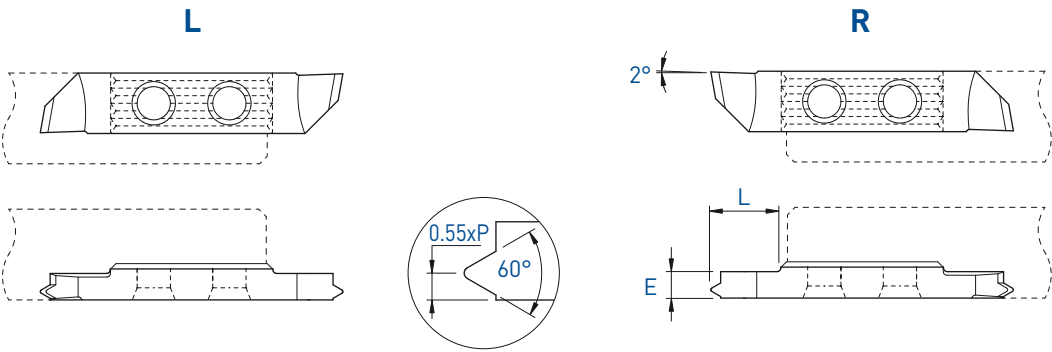
Profil partiel  
Teilprofil  
Partial profile

|     |      |                               | L         |   |   | R         |   |   |
|-----|------|-------------------------------|-----------|---|---|-----------|---|---|
|     |      |                               | P         |   |   | P         |   |   |
|     |      |                               | M         |   |   | M         |   |   |
|     |      |                               | N         |   |   | N         |   |   |
|     |      |                               | S         |   |   | S         |   |   |
|     |      |                               | TiAlN     |   |   | TiAlN     |   |   |
|     |      |                               | TiN       |   |   | TiN       |   |   |
|     |      |                               | N [µk20]  |   |   | N [µk20]  |   |   |
| A   | R    | Pas<br>Steigung<br>Pitch<br>P | Art. N°   |   |   | Art. N°   |   |   |
| 60° | 0.06 | 0.50-1.50                     | 756-AG60° | • | • | 766-AG60° | • | • |
| 60° | 0.20 | 1.75-3.00                     | 756-G60°  | • | • | 766-G60°  | • | • |

7XX-XX-B



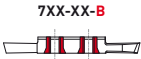
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



Profil complet métrique  
Metrisches Vollprofil  
Metric full profile

|     |   |                               | L                                                                                 |   |   | R                                                                                  |   |   |
|-----|---|-------------------------------|-----------------------------------------------------------------------------------|---|---|------------------------------------------------------------------------------------|---|---|
|     |   |                               |  |   |   |  |   |   |
|     |   |                               | <div>P P P<br/>M M M<br/>N N N<br/>S S S</div>                                    |   |   | <div>P P P<br/>M M M<br/>N N N<br/>S S S</div>                                     |   |   |
|     |   |                               | TiAlN TiN N [µk20]                                                                |   |   | TiAlN TiN N [µk20]                                                                 |   |   |
| E   | L | Pas<br>Steigung<br>Pitch<br>P | Art. N°                                                                           |   |   | Art. N°                                                                            |   |   |
| 2.5 | 8 | 0.80                          | 756-M-0.80                                                                        | • | • | 766-M-0.80                                                                         | • | • |
| 2.5 | 8 | 1.00                          | 756-M-1.00                                                                        | • | • | 766-M-1.00                                                                         | • | • |
| 2.5 | 8 | 1.25                          | 756-M-1.25                                                                        | • | • | 766-M-1.25                                                                         | • | • |
| 3.5 | 9 | 1.50                          | 756-M-1.50                                                                        | • | • | 766-M-1.50                                                                         | • | • |
| 3.5 | 9 | 1.75                          | 756-M-1.75                                                                        | • | • | 766-M-1.75                                                                         | • | • |
| 3.5 | 9 | 2.00                          | 756-M-2.00                                                                        | • | • | 766-M-2.00                                                                         | • | • |

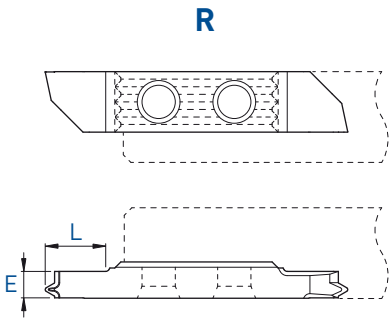
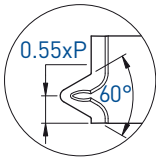
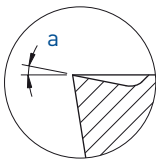
Pour de plus petits pas, voir page 1.86  
Für kleinere Steigungen, siehe Seite 1.86  
For smaller pitches, see page 1.86



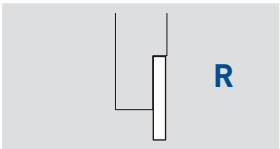
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Filetage  
Gewinde drehen  
Threading

766ZX



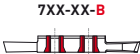
Profil partiel  
Teilprofil  
Partial profile



| a   | E   | L | P    | Art. N°        | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> <div><div>P</div><div>M</div><div>N</div><div>S</div></div> |       |
|-----|-----|---|------|----------------|-------------------------------------------------------------------------------------------------------------------------|-------|
|     |     |   |      |                | ST                                                                                                                      | TIALN |
| 10° | 2.5 | 8 | 0.80 | 766ZX10-M-0.80 | •                                                                                                                       | •     |
|     | 2.5 | 8 | 1.00 | 766ZX10-M-1.00 | •                                                                                                                       | •     |
|     | 2.5 | 8 | 1.25 | 766ZX10-M-1.25 | •                                                                                                                       | •     |
|     | 3.5 | 9 | 1.50 | 766ZX10-M-1.50 | •                                                                                                                       | •     |
|     | 3.5 | 9 | 1.75 | 766ZX10-M-1.75 | •                                                                                                                       | •     |
|     | 3.5 | 9 | 2.00 | 766ZX10-M-2.00 | •                                                                                                                       | •     |

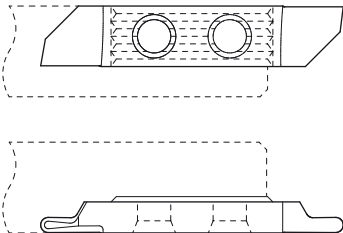


Arête de coupe honée  
Gehonte Schneidkante  
Honed edge

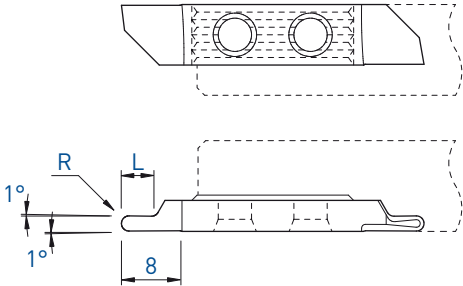


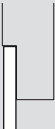
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

L



R



|          |       |   |          |          |       |     |    |  |  |
|----------|-------|------------------------------------------------------------------------------------|----------|----------|-------|-----|--------------------------------------------------------------------------------------|--|--|
|          |       |  |          |          |       |     |  |  |  |
| Art. N°  | TiAlN | TiN                                                                                | N [µk20] | Art. N°  | TiAlN | TiN | N [µk20]                                                                             |  |  |
| 757-R0.5 | ●     | ●                                                                                  | ●        | 767-R0.5 | ●     | ●   | ●                                                                                    |  |  |
| 757-R1.0 | ●     | ●                                                                                  | ●        | 767-R1.0 | ●     | ●   | ●                                                                                    |  |  |
| 757-R1.5 | ●     | ●                                                                                  | ●        | 767-R1.5 | ●     | ●   | ●                                                                                    |  |  |
| 757-R2.0 | ●     | ●                                                                                  | ●        | 767-R2.0 | ●     | ●   | ●                                                                                    |  |  |

7XX-XX-B

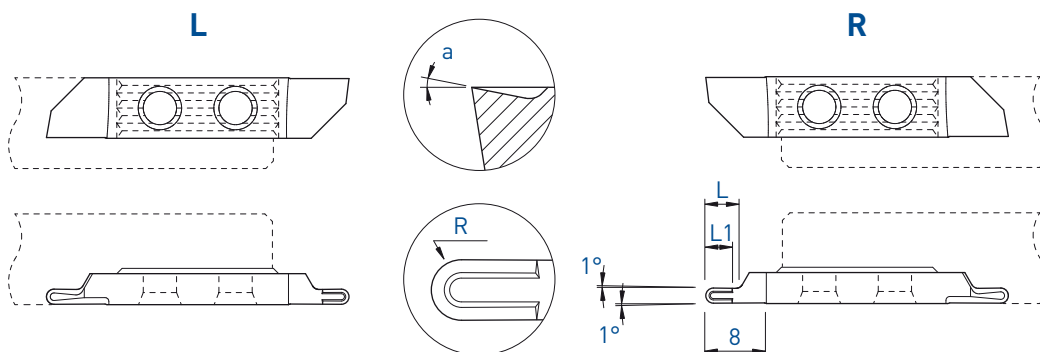


Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05



**Plaquettes à rayon**  
Radius Wendeplatten  
Radius inserts

757ZX / 767ZX



Pour un meilleur contrôle des copeaux  
Für eine bessere Spankontrolle  
For a better chip-control

|     |     |   |     | L            |                  |                  |          | R                |                  |           |          |
|-----|-----|---|-----|--------------|------------------|------------------|----------|------------------|------------------|-----------|----------|
|     |     |   |     |              |                  |                  |          |                  |                  |           |          |
| a   | R   | L | L1  | Art. N°      | P<br>M<br>N<br>S | P<br>M<br>N<br>S | P        | P<br>M<br>N<br>S | P<br>M<br>N<br>S | P         | P        |
|     |     |   |     |              | TiAlN            | TiN              | N [µk20] |                  | TiAlN            | TiN       | N [µk20] |
| 10° | 1.0 | 4 | 3.5 | 757ZX10-R1.0 | •                |                  |          | 767ZX10-R1.0     | •                | •         |          |
|     | 1.5 | 6 | 4.0 | 757ZX10-R1.5 | •                |                  |          | 767ZX10-R1.5     | •                | •         |          |
|     | 2.0 | 8 | 4.5 | 757ZX10-R2.0 | •                |                  |          | 767ZX10-R2.0     | •                | •         | •        |
|     |     |   |     |              |                  |                  |          |                  | HTA              | HN [µk10] |          |



Arête de coupe honée  
Gehonte Schneidkante  
Honed edge

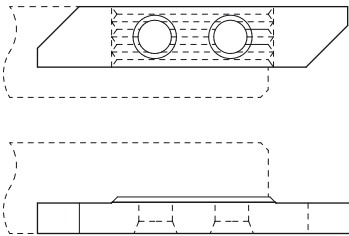
f min: 0.02 mm/U

7XX-XX-B

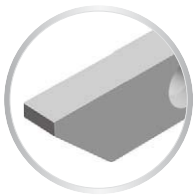
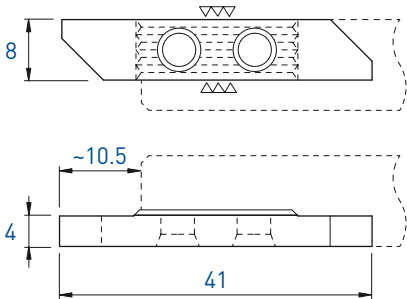


Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

L



R



| L       |                          |                          | R       |                          |                          |
|---------|--------------------------|--------------------------|---------|--------------------------|--------------------------|
|         |                          |                          |         |                          |                          |
| Art. N° | P                        | P                        | Art. N° | P                        | P                        |
|         | <input type="checkbox"/> | <input type="checkbox"/> |         | <input type="checkbox"/> | <input type="checkbox"/> |
|         | N                        | N                        |         | N                        | N                        |
|         | S                        | S                        |         | S                        | S                        |
|         | N [µk20]                 | HN [µk10]                |         | N [µk20]                 | HN [µk10]                |
| 751-E   | •                        | •                        | 761-E   | •                        | •                        |

7XX-XX-B



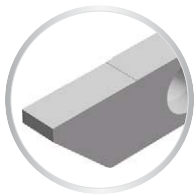
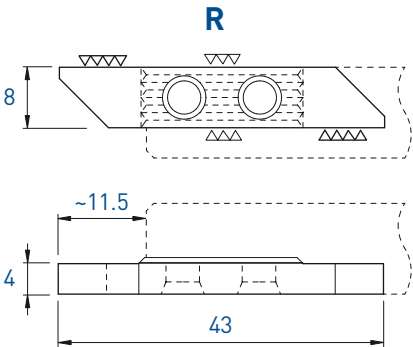
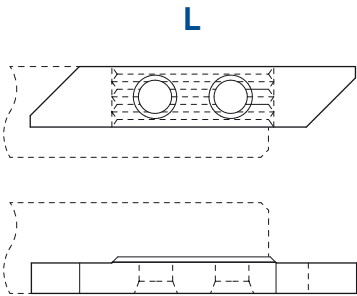
Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

Plaquettes ébauches

WSP-Rohlinge

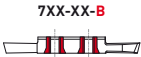
Blank inserts

751-EP / 761-EP



Face de coupe polie  
Polierte Schneidfläche  
Polished cutting face

| L       |   |   |   |   |   | R       |   |   |   |   |   |
|---------|---|---|---|---|---|---------|---|---|---|---|---|
| Art. N° |   |   |   |   |   | Art. N° |   |   |   |   |   |
| 751-EP  | • | • | • | • | • | 761-EP  | • | • | • | • | • |



Sur demande pour serrage type B, voir page 1.05  
Auf Anfrage für B-Spannsystem, siehe Seite 1.05  
On request for B clamping system, see page 1.05

| L    |         |       | R    |         |       |
|------|---------|-------|------|---------|-------|
| Type |         | Page  | Type |         | Page  |
| 770  | 770     | 1.166 | 780  | 780     | 1.167 |
|      | 770-JET | 1.167 |      | 780-JET | 1.167 |
|      | 770RC   | 1.168 | 781  | 781     | 1.169 |
| 771  | 771     | 1.169 |      | 781-E   | 1.175 |
|      | 771-E   | 1.175 |      | 781L    | 1.171 |
|      | 771R    | 1.171 |      | 781LXF  | 1.173 |
|      | 771RD   | 1.174 |      | 781XF   | 1.170 |
|      | 771RU   | 1.172 |      |         |       |
|      | 771RXF  | 1.173 |      |         |       |
|      | 771XF   | 1.170 |      |         |       |

**770 / 780**

Porte-outils  
Halter  
Holders

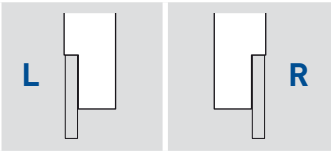
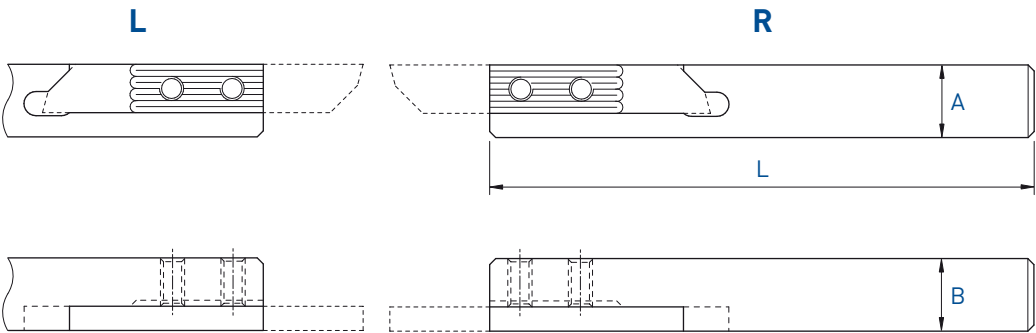
> **1.166****771 / 781**

Tronçonnage  
Abstechen  
Parting off

> **1.169****781L / 771R**

Tronçonnage - coupe déportée  
Abstechen - versetztes Schneiden  
Parting off - cut off line

> **1.171**

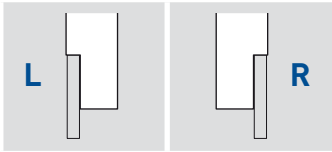
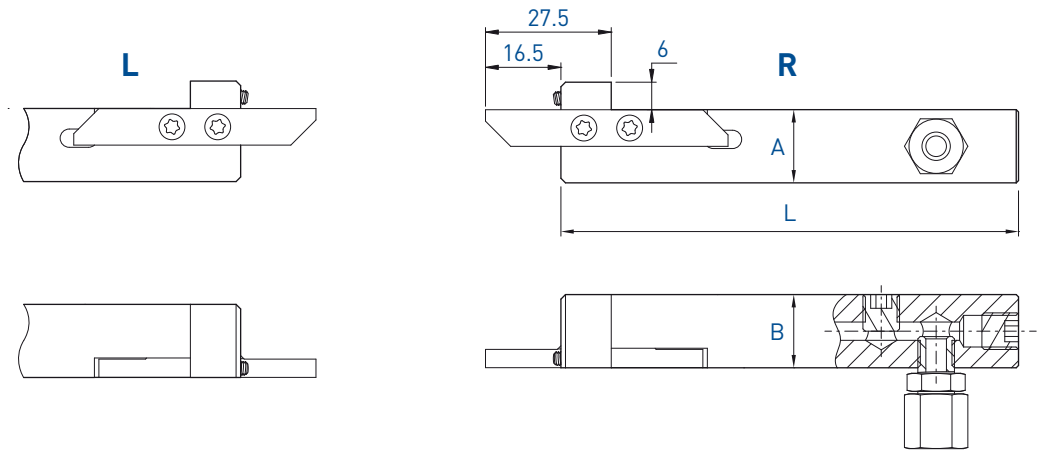


| A x B       | L   | Serrage<br>Spannsystem<br>Clamping | Art. N°   | Art. N°   |
|-------------|-----|------------------------------------|-----------|-----------|
| 10 x 10     | 115 | A                                  | 770-10    | 780-10    |
| 12 x 12     | 130 | A                                  | 770-12    | 780-12    |
| 12 x 12     | 90  | A                                  | 770-12-90 | 780-12-90 |
| 12.7 x 12.7 | 130 | A                                  | 770-12.7  | 780-12.7  |
| 14 x 14     | 130 | A                                  | 770-14    | 780-14    |
| 16 x 16     | 130 | A                                  | 770-16    | 780-16    |
| 16 x 16     | 75  | A                                  | 770-16-75 | 780-16-75 |
| 20 x 20     | 120 | A                                  | 770-20    | 780-20    |
| 25 x 25     | 140 | A                                  | 770-25    | 780-25    |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

Porte-outils avec arrosage intégré  
Halter mit integrierter Kühlmittelzufuhr  
Holders with integrated coolant supply

770-JET / 780-JET

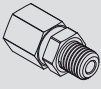


| A x B   | L   | Serrage<br>Spannsystem<br>Clamping | Art. N°    | Art. N°    |
|---------|-----|------------------------------------|------------|------------|
| 16 x 16 | 100 | A                                  | 770-16-JET | 780-16-JET |

Chaque support est livré avec une ou plusieurs vis.  
Les clés sont à commander séparément.

Jeder Halter wird mit einer oder mehreren Schrauben  
geliefert. Die Schlüssel sind separat zu bestellen.

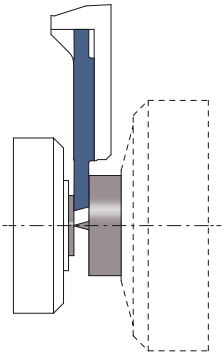
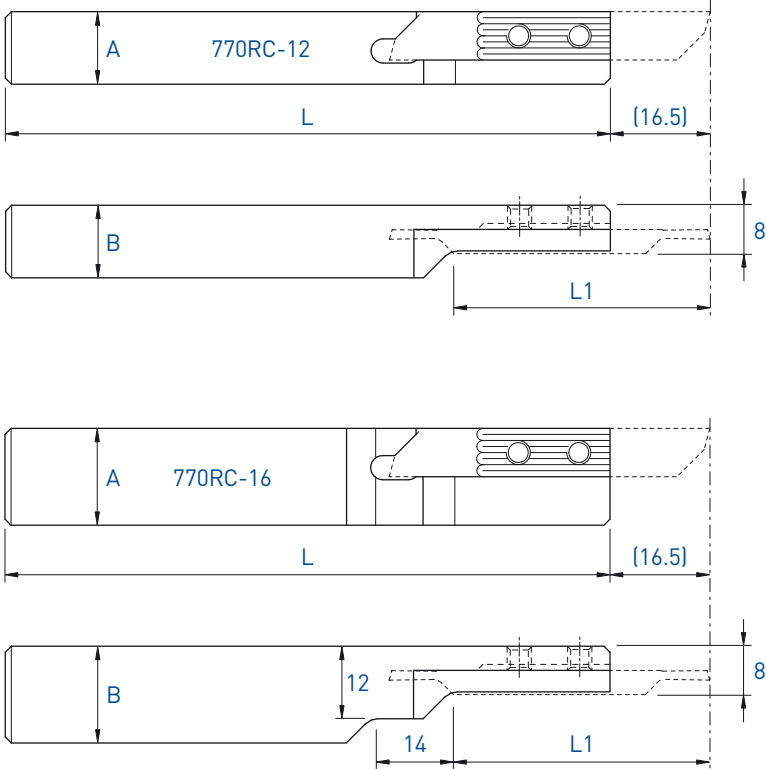
Each holder is supplied with one or more screws.  
The keys must be ordered separately.

| Pièces de rechange<br>Ersatzteile<br>Spare parts |  |  | Buses<br>Düsen<br>Nozzles<br> |
|--------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|                                                  | Art. N°                                                                             | Art. N°                                                                              | Art. N°                                                                                                            |
| 770-JET / 780-JET                                | J-M8X1-D6                                                                           | JB-M8X1                                                                              | JJ-M3X6-D1.5                                                                                                       |
| More option<br>see JET-Line                      |                                                                                     |                                                                                      |                                                                                                                    |

770RC

Coupe déportée  
Versetztes Schneiden  
Cut off line

Porte-outils  
Halter  
Holders



Utiliser des plaquettes type 771R  
WSP Typ 771R verwenden  
Use inserts type 771R

Voir pages 1.171 - 1.174  
Siehe Seiten 1.171 - 1.174  
See pages 1.171 - 1.174

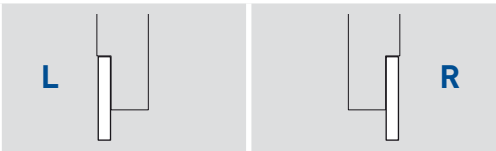
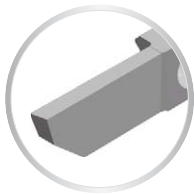
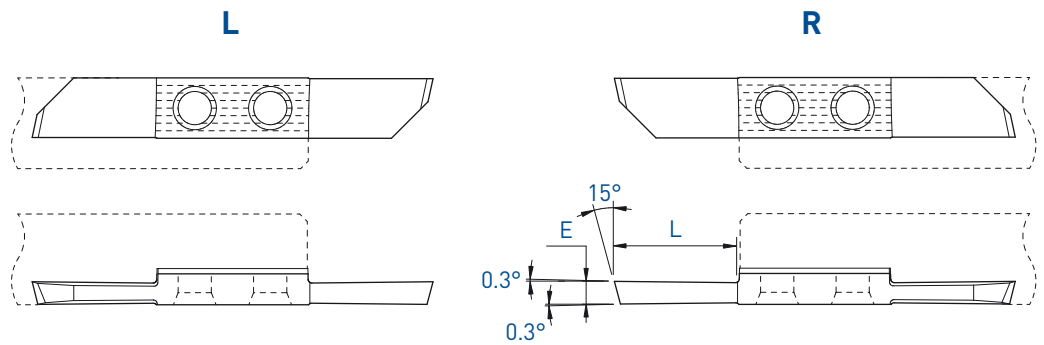
| L (R)                                                                       |     |    |                                    |          |
|-----------------------------------------------------------------------------|-----|----|------------------------------------|----------|
| Coupe à droite déportée<br>Versetztes Rechtsschneiden<br>Right cut off line |     |    |                                    |          |
| A x B                                                                       | L   | L1 | Serrage<br>Spannsystem<br>Clamping | Art. N°  |
| 12 x 12                                                                     | 130 | 42 | A                                  | 770RC-12 |
| 16 x 16                                                                     | 130 | 42 | A                                  | 770RC-16 |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

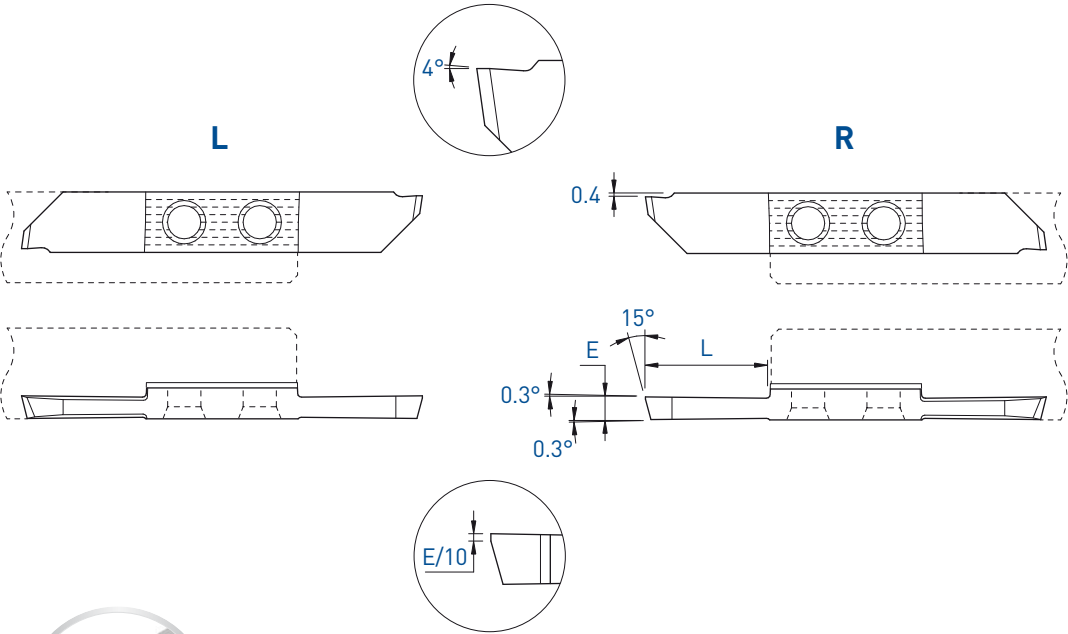


Tronçonnage  
Abstechen  
Parting off

771 / 781



|     |    |         | P     | P   | P        |         | P     | P   | P        |
|-----|----|---------|-------|-----|----------|---------|-------|-----|----------|
|     |    |         | M     | M   |          |         | M     | M   |          |
|     |    |         | N     | N   |          |         | N     | N   |          |
|     |    |         | S     |     | S        |         | S     |     | S        |
| E   | L  | Art. N° | TiAlN | TiN | N (µk20) | Art. N° | TiAlN | TiN | N (µk20) |
| 1.5 | 16 | -       |       |     |          | 781-1.5 | ●     | ●   | ●        |
| 2.0 | 16 | 771-2.0 | ●     | ●   | ●        | 781-2.0 | ●     | ●   | ●        |
| 2.5 | 16 | 771-2.5 | ●     | ●   | ●        | 781-2.5 | ●     | ●   | ●        |
| 3.0 | 16 | 771-3.0 | ●     | ●   | ●        | 781-3.0 | ●     | ●   | ●        |
| 3.5 | 16 | 771-3.5 | ●     | ●   | ●        | 781-3.5 | ●     | ●   | ●        |



L

R

| E     | L   | Art. N°   |  |  |  | Art. N°   |  |  |  |
|-------|-----|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|       |     |           |  |  |  |           |  |  |  |
|       |     |           |  |  |  |           |  |  |  |
|       |     |           |  |  |  |           |  |  |  |
| TiAlN | TiN | N [µk20]  |                                                                                     |                                                                                     |                                                                                     | TiAlN     | TiN                                                                                 | N [µk20]                                                                            |                                                                                       |
| 2.0   | 16  | -         |                                                                                     |                                                                                     |                                                                                     | 781XF-2.0 | ●                                                                                   | ●                                                                                   | ●                                                                                     |
| 2.5   | 16  | 771XF-2.5 | ●                                                                                   | ●                                                                                   | ●                                                                                   | 781XF-2.5 | ●                                                                                   | ●                                                                                   | ●                                                                                     |
| 3.0   | 16  | 771XF-3.0 | ●                                                                                   | ●                                                                                   | ●                                                                                   | 781XF-3.0 | ●                                                                                   | ●                                                                                   | ●                                                                                     |
| 3.5   | 16  | 771XF-3.5 | ●                                                                                   | ●                                                                                   | ●                                                                                   | 781XF-3.5 | ●                                                                                   | ●                                                                                   | ●                                                                                     |

Tronçonnage

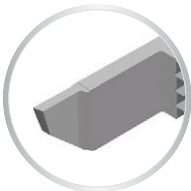
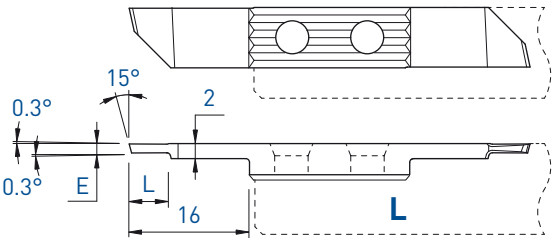
Abstechen  
Parting off

Coupe déportée

Versetztes Schneiden  
Cut off line

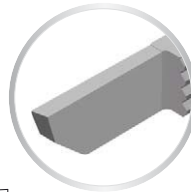
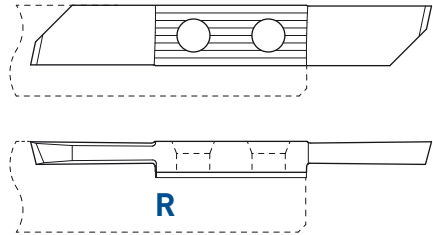
781L / 771R

Cut R

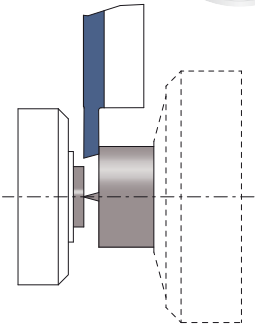
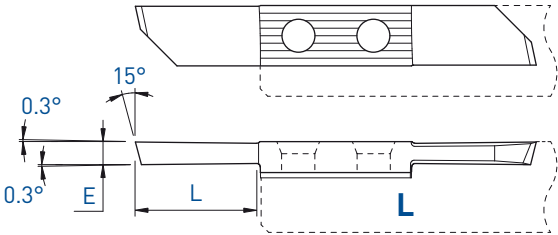


| L (R) |     | Coupe à droite déportée<br>Versetztes Rechtsschneiden<br>Right cut off line |                           |                         |
|-------|-----|-----------------------------------------------------------------------------|---------------------------|-------------------------|
| E     | L   | Art. N°                                                                     | TiAlN<br>P<br>M<br>N<br>S | TiN<br>P<br>M<br>N<br>S |
| 1.0   | 5   | 771R-1.0                                                                    | •                         | •                       |
| 1.2   | 5   | 771R-1.2                                                                    | •                         | •                       |
| 1.5   | 8.5 | 771R-1.5                                                                    | •                         | •                       |

Cut L

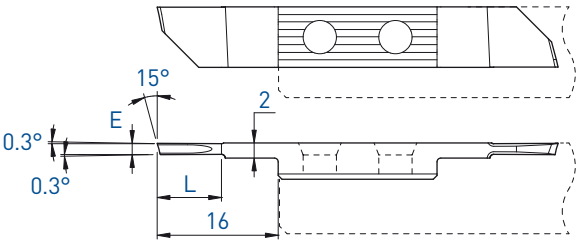


Cut R



| R (L)                                                                     |                                                                                     |                                                                                     |                                                                                     | L (R)                                                                               |                                                                                       |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Coupe à gauche déportée<br>Versetztes Linksschneiden<br>Left cut off line |                                                                                     |                                                                                     |                                                                                     | Coupe à droite déportée<br>Versetztes Rechtsschneiden<br>Right cut off line         |                                                                                       |                                                                                       |                                                                                       |
|                                                                           |  |                                                                                     |                                                                                     |  |                                                                                       |                                                                                       |                                                                                       |
|                                                                           |  |  |  |                                                                                     |  |  |  |
| Art. N°                                                                   | TiAlN                                                                               | TiN                                                                                 | N (μk20)                                                                            | Art. N°                                                                             | TiAlN                                                                                 | TiN                                                                                   | N (μk20)                                                                              |
| 781L-2.0                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   | 771R-2.0                                                                            | ●                                                                                     | ●                                                                                     | ●                                                                                     |
| 781L-2.5                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   | 771R-2.5                                                                            | ●                                                                                     | ●                                                                                     | ●                                                                                     |
| 781L-3.0                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   | 771R-3.0                                                                            | ●                                                                                     | ●                                                                                     | ●                                                                                     |
| 781L-3.5                                                                  | ●                                                                                   | ●                                                                                   | ●                                                                                   | 771R-3.5                                                                            | ●                                                                                     | ●                                                                                     | ●                                                                                     |

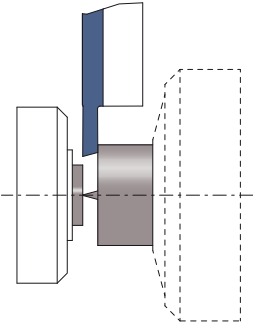
Cut R



L (R)

Coupe à droite déportée  
Versetztss Rechtsschneiden  
Right cut off line

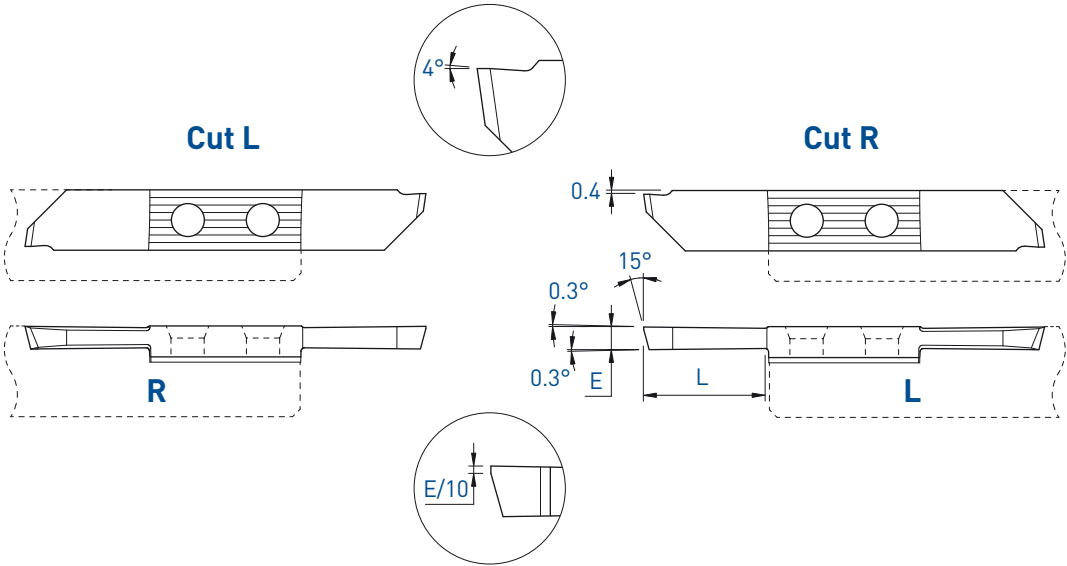
| E     | L   | Art. N°   | P | P | P |
|-------|-----|-----------|---|---|---|
|       |     |           | M | M |   |
|       |     |           | N | N |   |
|       |     |           | S |   | S |
| TiAlN | TiN | N (µk20)  |   |   |   |
| 1.0   | 5   | 771RU-1.0 | ● | ● |   |
| 1.5   | 8.5 | 771RU-1.5 | ● | ● |   |



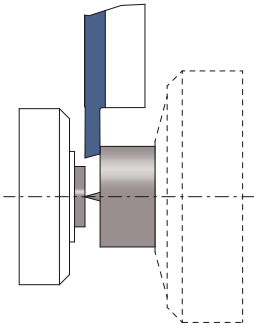
Tronçonnage  
Abstechen  
Parting off

Coupe déportée  
Versetztes Schneiden  
Cut off line

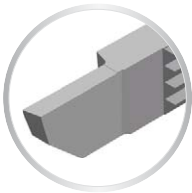
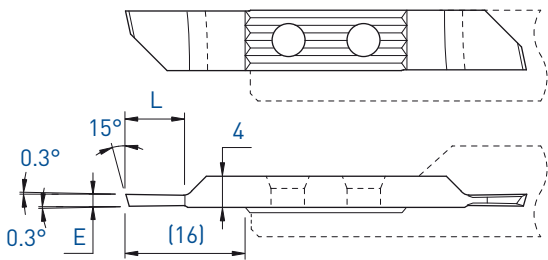
781LXF / 771RXF



|     |    | <div>R (L)</div> <div></div> |              |              | <div>L (R)</div> <div></div> |            |              |              |              |  |
|-----|----|---------------------------------------------------------------------------------------------------------------|--------------|--------------|---------------------------------------------------------------------------------------------------------------|------------|--------------|--------------|--------------|--|
|     |    | Coupe à gauche déportée<br>Versetztes Linksschneiden<br>Left cut off line                                     |              |              | Coupe à droite déportée<br>Versetztes Rechtsschneiden<br>Right cut off line                                   |            |              |              |              |  |
| E   | L  | Art. N°                                                                                                       | <div>P</div> | <div>P</div> | <div>P</div>                                                                                                  | Art. N°    | <div>P</div> | <div>P</div> | <div>P</div> |  |
|     |    |                                                                                                               | <div>M</div> | <div>M</div> | <div></div>                                                                                                   |            | <div>M</div> | <div>M</div> | <div></div>  |  |
|     |    |                                                                                                               | <div>N</div> | <div>N</div> | <div></div>                                                                                                   |            | <div>N</div> | <div>N</div> | <div></div>  |  |
|     |    |                                                                                                               | <div>S</div> | <div></div>  | <div>S</div>                                                                                                  |            | <div>S</div> | <div></div>  | <div>S</div> |  |
|     |    | TiAlN                                                                                                         |              |              | TiN                                                                                                           |            |              | N (µk20)     |              |  |
|     |    |                                                                                                               |              |              |                                                                                                               |            |              |              |              |  |
| 2.0 | 16 | -                                                                                                             |              |              |                                                                                                               | 771RXF-2.0 | ●            | ●            | ●            |  |
| 2.5 | 16 | 781LXF-2.5                                                                                                    | ●            | ●            | ●                                                                                                             | 771RXF-2.5 | ●            | ●            | ●            |  |
| 3.0 | 16 | 781LXF-3.0                                                                                                    | ●            | ●            | ●                                                                                                             | 771RXF-3.0 | ●            | ●            | ●            |  |
| 3.5 | 16 | 781LXF-3.5                                                                                                    | ●            | ●            | ●                                                                                                             | 771RXF-3.5 | ●            | ●            | ●            |  |



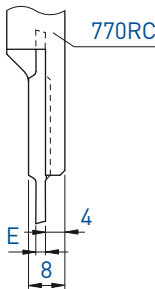
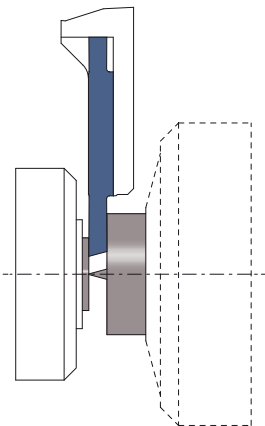
Cut R



## L (R)

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line

| E   | L   | Art. N°   | P     | P   | P        |
|-----|-----|-----------|-------|-----|----------|
|     |     |           | M     | M   |          |
|     |     |           | N     | N   |          |
|     |     |           | S     |     | S        |
|     |     |           | TiAlN | TiN | N (µk20) |
| 1.2 | 5   | 771RD-1.2 | ●     | ●   | ●        |
| 1.5 | 7.5 | 771RD-1.5 | ●     | ●   | ●        |
| 2.0 | 10  | 771RD-2.0 | ●     | ●   | ●        |



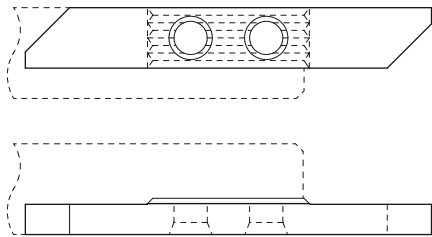
Plaquettes ébauches

WSP-Rohlinge

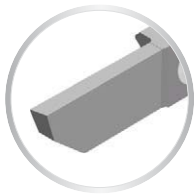
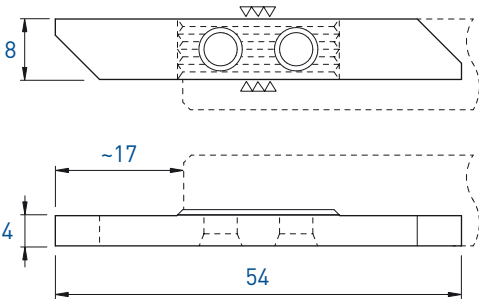
Blank inserts

771-E / 781-E

L



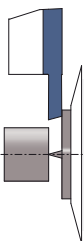
R



|          |                          |          |                          |
|----------|--------------------------|----------|--------------------------|
| <b>L</b> |                          | <b>R</b> |                          |
| Art. N°  | <b>P</b>                 | Art. N°  | <b>P</b>                 |
|          | <input type="checkbox"/> |          | <input type="checkbox"/> |
|          | <b>S</b>                 |          | <b>S</b>                 |
| N [µk20] |                          | N [µk20] |                          |
| 771-E    | ●                        | 781-E    | ●                        |

| L    |         |       | R    |         |       |
|------|---------|-------|------|---------|-------|
| Type |         | Page  | Type |         | Page  |
| 7050 | 7050    | 1.178 | 7060 | 7060    | 1.178 |
|      | 7051    | 1.179 |      | 7061    | 1.179 |
|      | 7051-E  | 1.183 |      | 7061-E  | 1.183 |
|      | 7051R   | 1.181 |      | 7061L   | 1.181 |
|      | 7051RXF | 1.182 |      | 7061LXF | 1.182 |
|      | 7051XF  | 1.180 |      | 7061XF  | 1.180 |

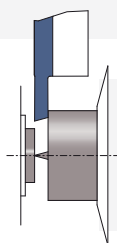


**7050 / 7060**

Porte-outils  
Halter  
Holders

> **1.178****7051 / 7061**

Tronçonnage  
Abstechen  
Parting off

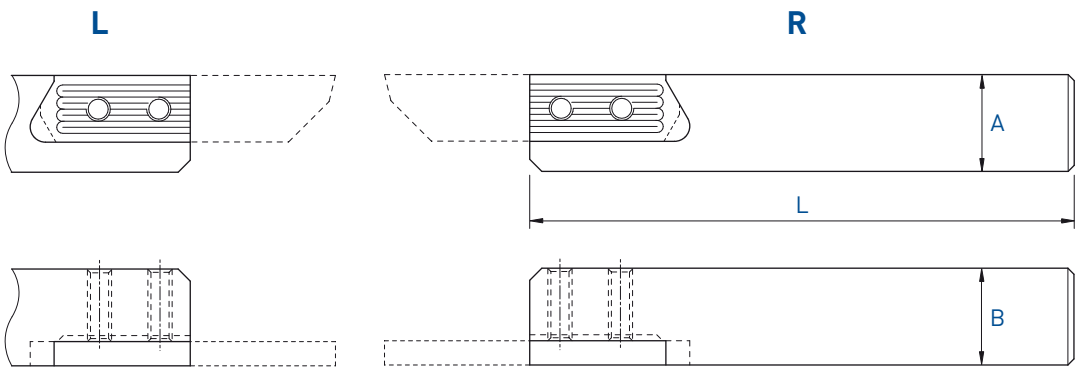
> **1.179****7051R / 7061L**

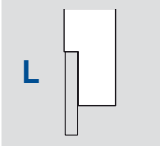
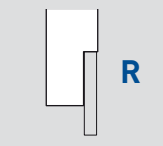
Tronçonnage - coupe déportée  
Abstechen - versetztes Schneiden  
Parting off - cut off line

> **1.181**

Plaquettes ébauches  
WSP-Rohlinge  
Blank inserts

> **1.183**

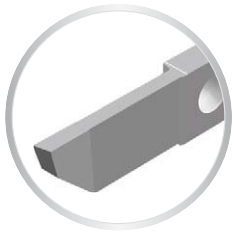
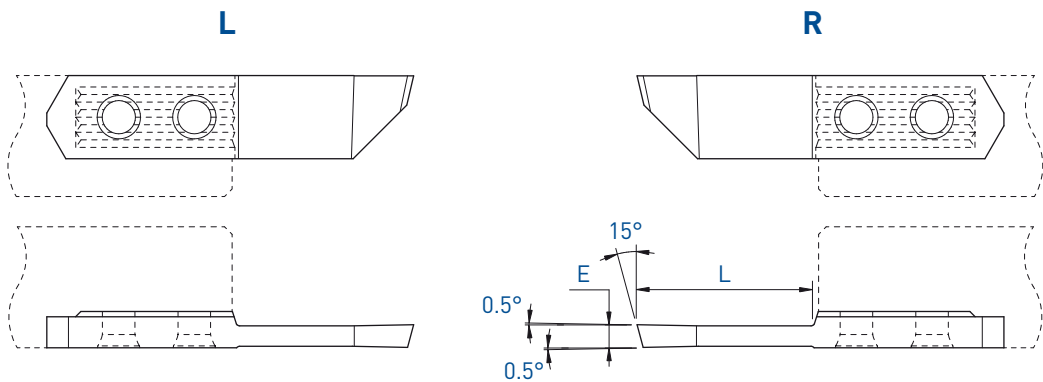


|         |     |                                    |  |  |
|---------|-----|------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| A x B   | L   | Serrage<br>Spannsystem<br>Clamping | Art. N°                                                                            | Art. N°                                                                             |
| 16 x 16 | 130 | A                                  | 7050-16                                                                            | 7060-16                                                                             |
| 16 x 16 | 75  | A                                  | 7050-16-75                                                                         | 7060-16-75                                                                          |
| 20 x 20 | 120 | A                                  | 7050-20                                                                            | 7060-20                                                                             |
| 25 x 25 | 140 | A                                  | 7050-25                                                                            | 7060-25                                                                             |

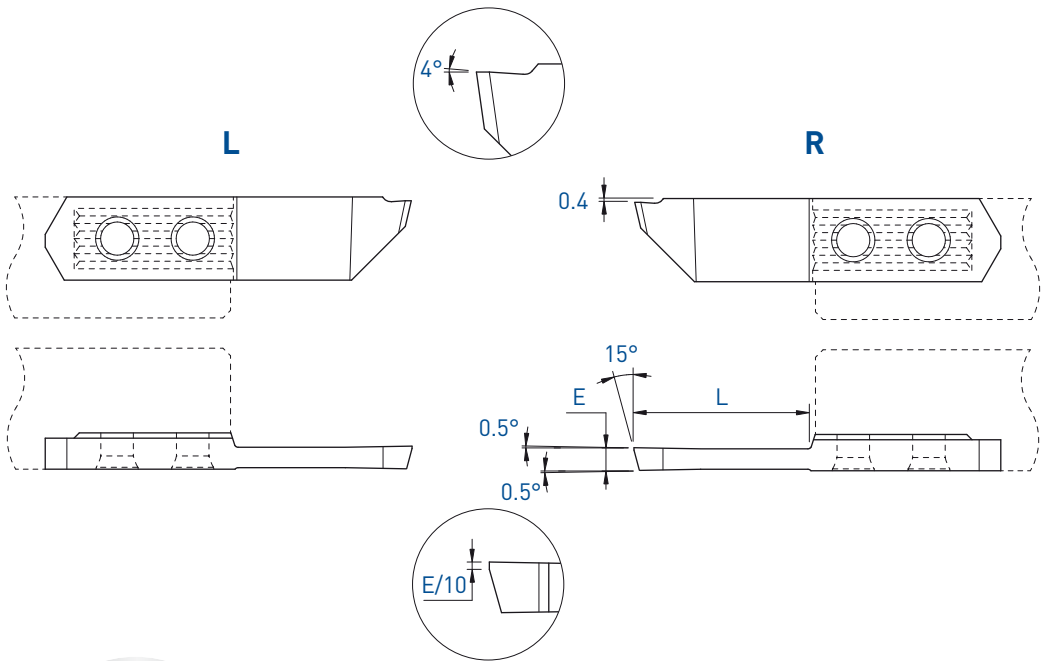
Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

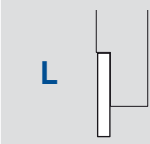
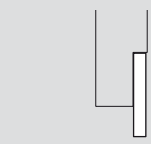
Tronçonnage  
Abstechen  
Parting off

7051 / 7061



|     |    |  |                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                     |          |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                  |
|-----|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| E   | L  | Art. N°                                                                             | <br><br><br> | <br><br><br> | <br><br><br> | Art. N°  | <br><br><br> | <br><br><br> | <br><br><br> |
|     |    |                                                                                     | TiAlN                                                                                                                                                                                                                                                                                                                                                    | TiN                                                                                                                                                                                                                                                                                                                                                      | N [µk20]                                                                                                                                                                                                                                                                                                                                                 |          | TiAlN                                                                                                                                                                                                                                                                                                                                                            | TiN                                                                                                                                                                                                                                                                                                                                                              | N [µk20]                                                                                                                                                                                                                                                                                                                                                         |
| 2.5 | 22 | -                                                                                   |                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                          | 7061-2.5 | ●                                                                                                                                                                                                                                                                                                                                                                | ●                                                                                                                                                                                                                                                                                                                                                                | ●                                                                                                                                                                                                                                                                                                                                                                |
| 3.0 | 22 | 7051-3.0                                                                            | ●                                                                                                                                                                                                                                                                                                                                                        | ●                                                                                                                                                                                                                                                                                                                                                        | ●                                                                                                                                                                                                                                                                                                                                                        | 7061-3.0 | ●                                                                                                                                                                                                                                                                                                                                                                | ●                                                                                                                                                                                                                                                                                                                                                                | ●                                                                                                                                                                                                                                                                                                                                                                |
| 3.5 | 22 | -                                                                                   |                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                          | 7061-3.5 | ●                                                                                                                                                                                                                                                                                                                                                                | ●                                                                                                                                                                                                                                                                                                                                                                | ●                                                                                                                                                                                                                                                                                                                                                                |



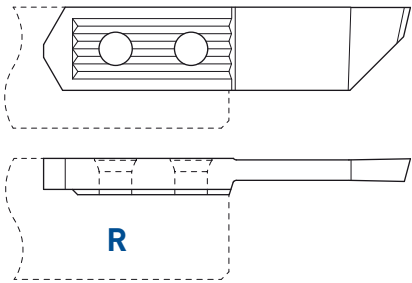
|     |    |                                                                                    |       |     |                                                                                     |            |       |     |          |
|-----|----|------------------------------------------------------------------------------------|-------|-----|-------------------------------------------------------------------------------------|------------|-------|-----|----------|
|     |    |  |       |     |  |            |       |     |          |
| E   | L  | Art. N°                                                                            | P     | P   | P                                                                                   | Art. N°    | P     | P   | P        |
|     |    |                                                                                    | M     | M   |                                                                                     |            | M     | M   |          |
|     |    |                                                                                    | N     | N   |                                                                                     |            | N     | N   |          |
|     |    |                                                                                    | S     |     | S                                                                                   |            | S     |     | S        |
|     |    |                                                                                    | TiAlN | TiN | N (µk20)                                                                            |            | TiAlN | TiN | N (µk20) |
| 3.0 | 22 | 7051XF-3.0                                                                         | ●     | ●   | ●                                                                                   | 7061XF-3.0 | ●     | ●   | ●        |

Tronçonnage  
Abstechen  
Parting off

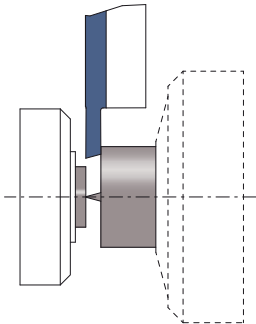
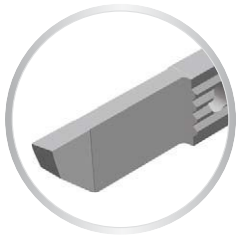
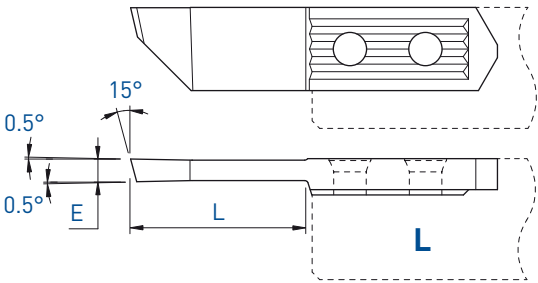
Coupe déportée  
Versetztes Schneiden  
Cut off line

7061L / 7051R

Cut L



Cut R



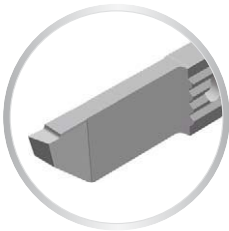
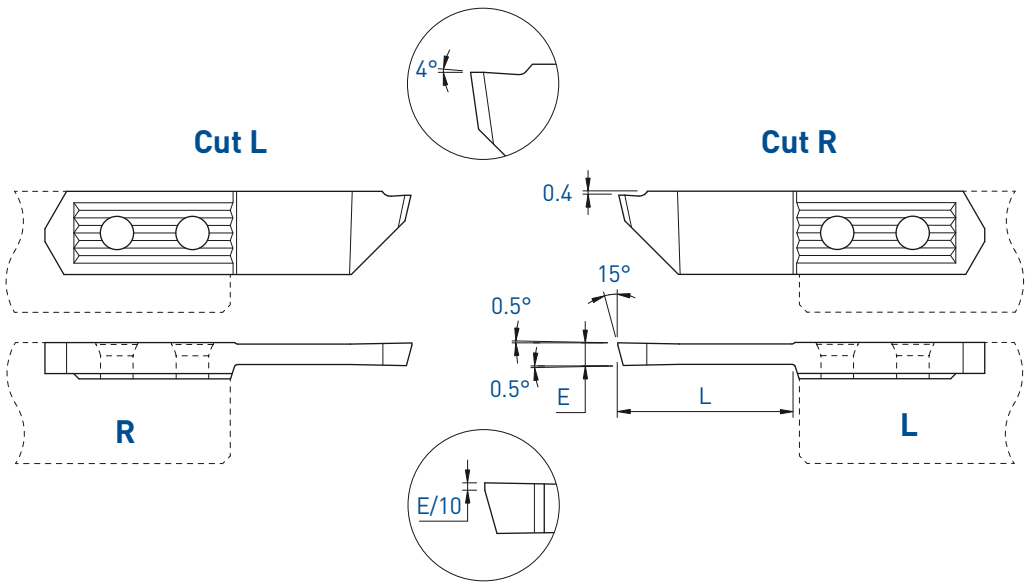
R (L)

Coupe à gauche déportée  
Versetztes Linksschneiden  
Left cut off line

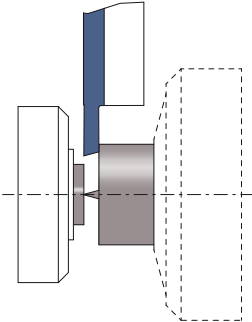
L (R)

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line

| E   | L  | Art. N°   | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> |     |          | Art. N°   | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> |     |          |
|-----|----|-----------|-------------------------------------------------------------|-----|----------|-----------|-------------------------------------------------------------|-----|----------|
|     |    |           | TiAIN                                                       | TiN | N [µk20] |           | TiAIN                                                       | TiN | N [µk20] |
| 2.5 | 22 | -         |                                                             |     |          | 7051R-2.5 | ●                                                           | ●   | ●        |
| 3.0 | 22 | 7061L-3.0 | ●                                                           | ●   | ●        | 7051R-3.0 | ●                                                           | ●   | ●        |
| 3.5 | 22 | -         |                                                             |     |          | 7051R-3.5 | ●                                                           | ●   | ●        |

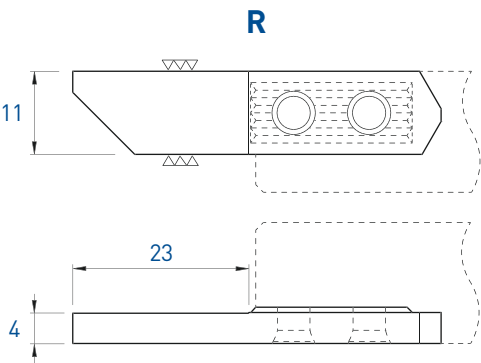
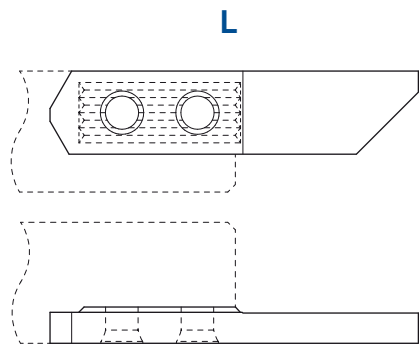


|     |    | <div>R (L)</div> <div>Coupe à gauche déportée<br/>Versetztes Linksschneiden<br/>Left cut off line</div> |                                                                   |                                                                | <div>L (R)</div> <div>Coupe à droite déportée<br/>Versetztes Rechtsschneiden<br/>Right cut off line</div> |             |                                                                   |                                                                |                                                                    |
|-----|----|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------|
| E   | L  | Art. N°                                                                                                 | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> TiAlN | <div><div>P</div><div>M</div><div>N</div><div></div></div> TiN | <div><div>P</div><div></div><div></div><div>S</div></div> N (µk20)                                        | Art. N°     | <div><div>P</div><div>M</div><div>N</div><div>S</div></div> TiAlN | <div><div>P</div><div>M</div><div>N</div><div></div></div> TiN | <div><div>P</div><div></div><div></div><div>S</div></div> N (µk20) |
| 3.0 | 22 | 7061LXF-3.0                                                                                             | ●                                                                 | ●                                                              | ●                                                                                                         | 7051RXF-3.0 | ●                                                                 | ●                                                              | ●                                                                  |



Plaquettes ébauches  
WSP-Rohlinge  
Blank inserts

7051-E / 7061-E



| <b>L</b> |                                       | <b>R</b> |                                       |
|----------|---------------------------------------|----------|---------------------------------------|
| Art. N°  | <input type="checkbox"/> P            | Art. N°  | <input type="checkbox"/> P            |
|          | <input type="checkbox"/>              |          | <input type="checkbox"/>              |
|          | <input checked="" type="checkbox"/> S |          | <input checked="" type="checkbox"/> S |
|          | N [μk20]                              |          | N [μk20]                              |
| 7051-E   | •                                     | 7061-E   | •                                     |

| L    |          |       | R    |          |       |
|------|----------|-------|------|----------|-------|
| Type |          | Page  | Type |          | Page  |
| W750 | W750     | 1.186 | W760 | W760     | 1.186 |
|      | W750-JET | 1.187 |      | W760-JET | 1.187 |
| W751 | W751-E5  | 1.188 | W761 | W761-E5  | 1.188 |
|      | W751-E6  | 1.190 |      | W761-E6  | 1.190 |
|      | W751-EP5 | 1.189 |      | W761-EP5 | 1.189 |
|      | W751-EP6 | 1.191 |      | W761-EP6 | 1.191 |



**W750 / W760**

Porte-outils  
Halter  
Holders

> **1.186**

**W750-JET / W760-JET**

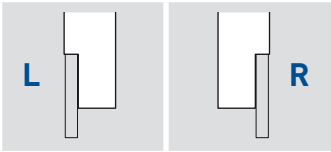
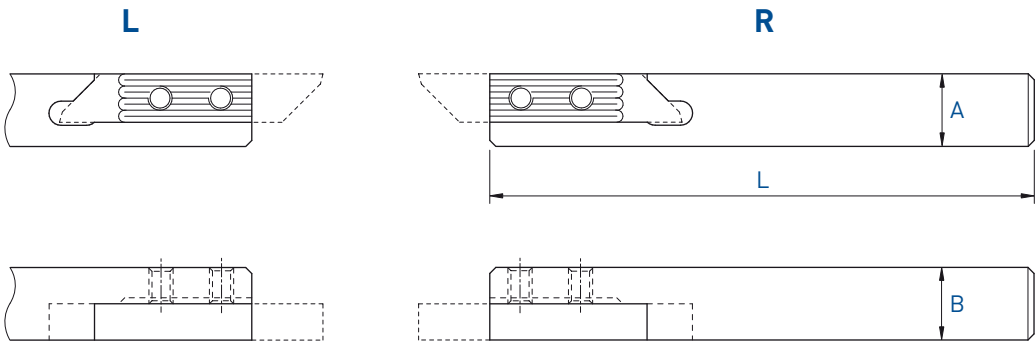
Porte-outils avec arrosage intégré  
Halter mit integrierter Kühlmittelzufuhr  
Holders with integrated coolant supply

> **1.187**

**W751-E / W761-E**

Plaquettes ébauches  
WSP-Rohlinge  
Blank inserts

> **1.188**

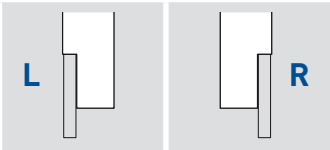
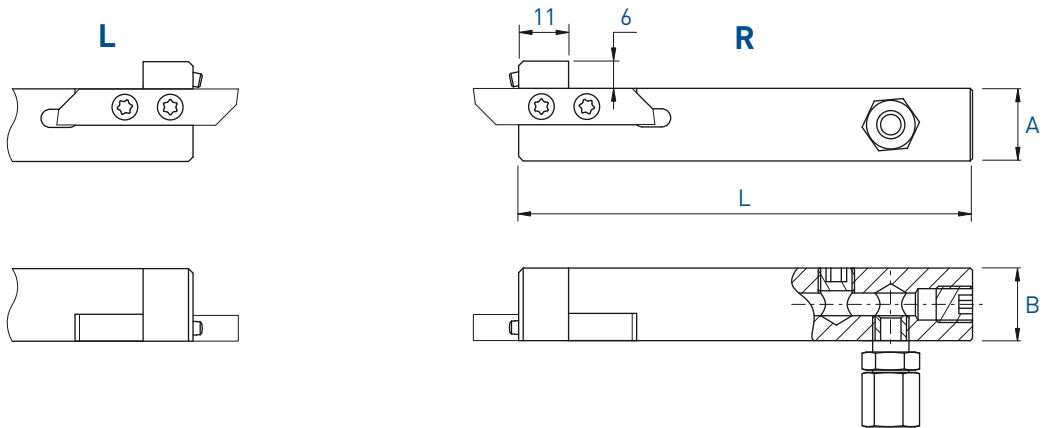


| A x B   | L   | Serrage<br>Spannsystem<br>Clamping | Art. N° | Art. N° |
|---------|-----|------------------------------------|---------|---------|
| 12 x 12 | 130 | A                                  | W750-12 | W760-12 |
| 16 x 16 | 130 | A                                  | W750-16 | W760-16 |
| 20 x 20 | 120 | A                                  | W750-20 | W760-20 |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

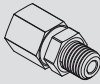
Porte-outils avec arrosage intégré  
Halter mit integrierter Kühlmittelzufuhr  
Holders with integrated coolant supply

W750-JET / W760-JET



| A x B   | L   | Serrage<br>Spannsystem<br>Clamping | Art. N°     | Art. N°     |
|---------|-----|------------------------------------|-------------|-------------|
| 16 x 16 | 100 | A                                  | W750-16-JET | W760-16-JET |
| 20 x 20 | 100 | A                                  | W750-20-JET | W760-20-JET |

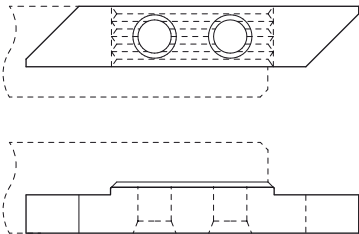
Chaque support est livré avec une ou plusieurs vis.  
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geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws.  
The keys must be ordered separately.

| Pièces de rechange<br>Ersatzteile<br>Spare parts |  |  | Buses<br>Düsen<br>Nozzles<br> |
|--------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|                                                  | Art. N°                                                                             | Art. N°                                                                              | Art. N°                                                                                                            |
| W750-JET / W760-JET                              | J-M8X1-D6                                                                           | JB-M8X1                                                                              | JJ-M3X6-D1.5                                                                                                       |
| More option<br>see JET-Line                      |                                                                                     |                                                                                      |                                                                                                                    |

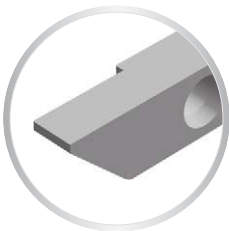
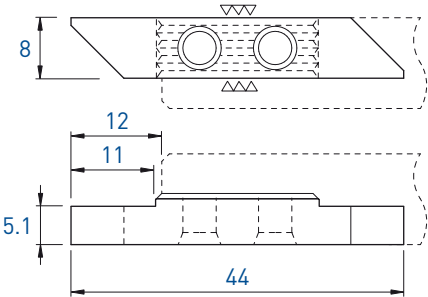
W751-E5 / W761-E5

Plaquettes ébauches  
WSP-Rohlinge  
Blank inserts

L



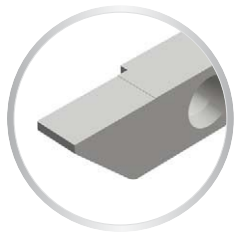
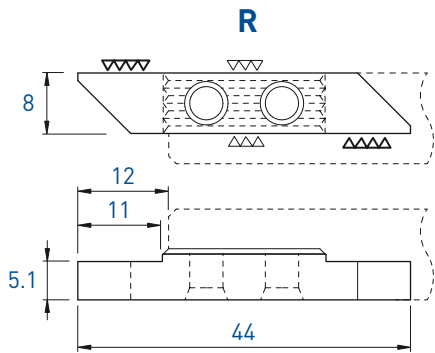
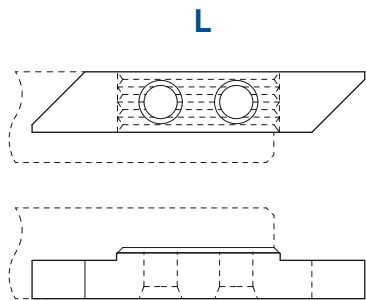
R



| L       |          | R       |          |
|---------|----------|---------|----------|
|         |          |         |          |
|         |          |         |          |
|         |          |         |          |
| Art. N° | N [μk20] | Art. N° | N [μk20] |
| W751-E5 | ●        | W761-E5 | ●        |

Plaquettes ébauches  
WSP-Rohlinge  
Blank inserts

W751-EP5 / W761-EP5

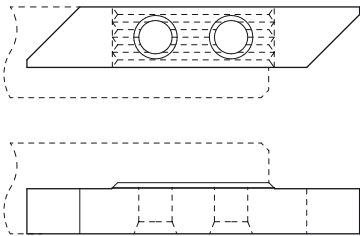


|          |          |          |          |
|----------|----------|----------|----------|
| L        |          | R        |          |
| Art. N°  | P        | Art. N°  | P        |
|          |          |          |          |
|          | S        |          | S        |
|          | N [µk20] |          | N [µk20] |
| W751-EP5 | ●        | W761-EP5 | ●        |

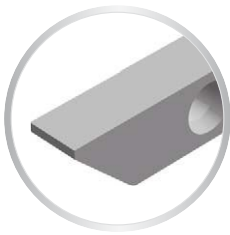
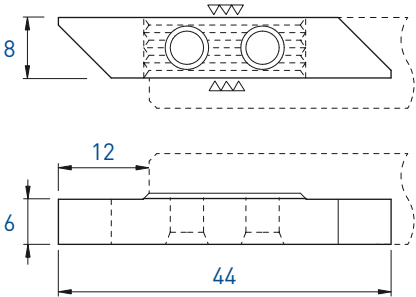
W751-E6 / W761-E6

Plaquettes ébauches  
WSP-Rohlinge  
Blank inserts

L



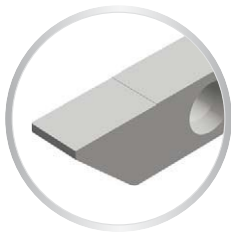
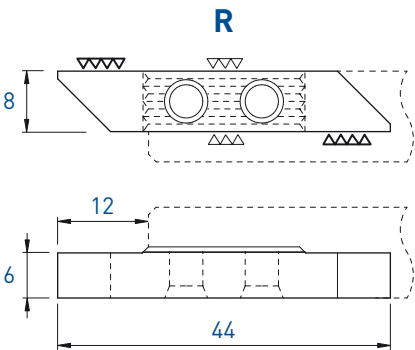
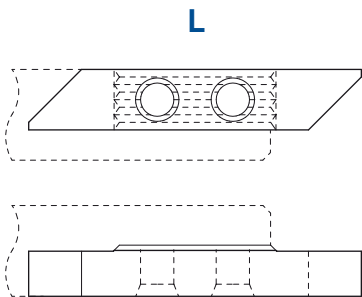
R



| L       |                                                                                     | R       |                                                                                       |
|---------|-------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------|
|         |    |         |    |
|         |   |         |   |
|         |  |         |  |
| Art. N° | N [μk20]                                                                            | Art. N° | N [μk20]                                                                              |
| W751-E6 | ●                                                                                   | W761-E6 | ●                                                                                     |

Plaquettes ébauches  
WSP-Rohlinge  
Blank inserts

W751-EP6 / W761-EP6



|          |          |          |          |
|----------|----------|----------|----------|
| L        |          | R        |          |
| Art. N°  | P        | Art. N°  | P        |
|          |          |          |          |
|          | S        |          | S        |
|          | N [µk20] |          | N [µk20] |
| W751-EP6 | ●        | W761-EP6 | ●        |

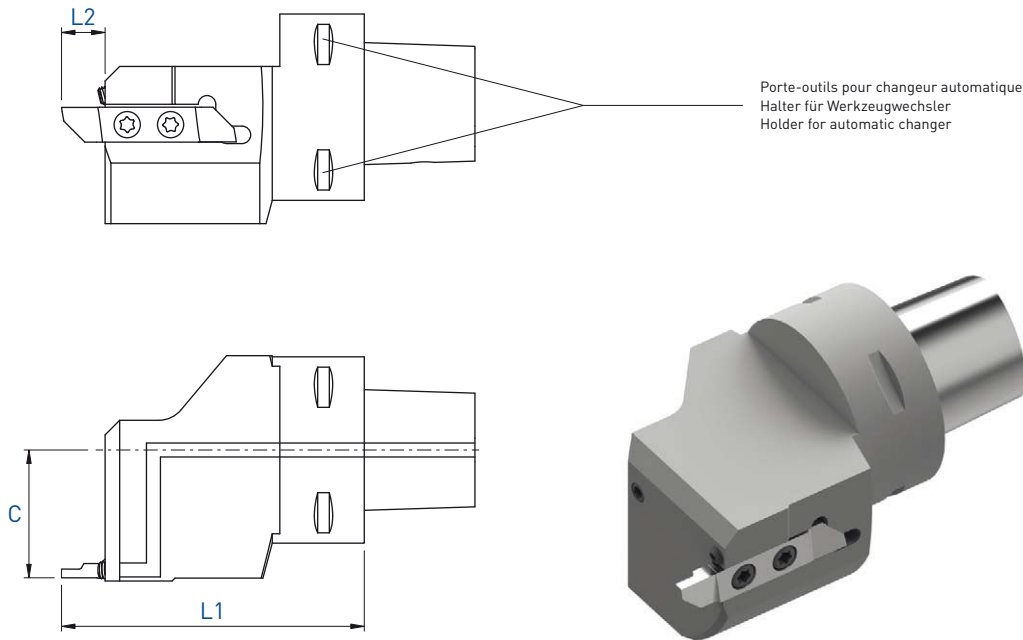
|                                       |                                                                                                             |   |         |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------|---|---------|
| Polygonal interface PSC3 / PSC4 / HSK |                                                                                                             |   | > 1.193 |
| 740Z / 760Z                           | Porte-outils pour usinage déporté<br>Halter für versetzte Bearbeitung<br>Tool holder for off line machining |   | > 1.200 |
| Star                                  | SL7/10-JET                                                                                                  |   | > 1.201 |
| Tornos                                | DECO 7/10 - EvoDECO 10                                                                                      | R | > 1.202 |
|                                       | DECO 7/10 - EvoDECO 10                                                                                      | L | > 1.204 |
|                                       | DECO 13 - EvoDECO 16<br>DECO 20 - EvoDECO 20/32                                                             |   | > 1.206 |
|                                       | MultiSwiss 6x16                                                                                             |   | > 1.208 |
|                                       | AS14 / SAS16                                                                                                |   | > 1.209 |
|                                       | SwissNano                                                                                                   |   | > 1.210 |
| Schütte                               |                                                                                                             |   | > 1.211 |
| Arno                                  |                                                                                                             |   | > 1.212 |



Interfaces polygonales PSC  
Polygonale Schnittstellen PSC  
Polygonal interfaces PSC

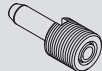
R

PSC3 / PSC4

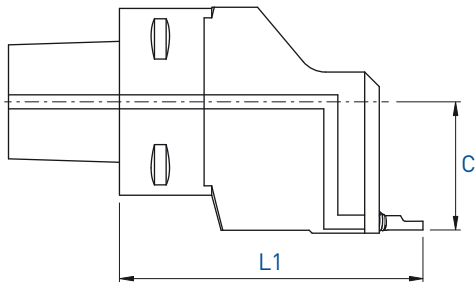
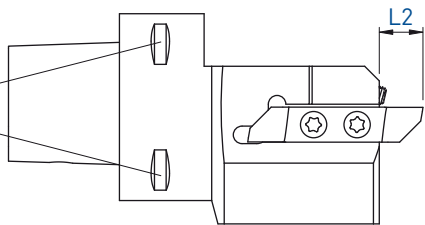


| Type | Plaquettes type<br>WSP Typ<br>Insert type | Pages<br>Seiten<br>Pages | L1 | C  | L2  | Art. N°          | Buses<br>Düsen<br>Nozzles |
|------|-------------------------------------------|--------------------------|----|----|-----|------------------|---------------------------|
|      |                                           |                          |    |    |     |                  | Art. N°                   |
| PSC3 | 740                                       | > 1.43                   | 52 | 22 | 7.5 | PSC3-740-22052-G | JJ-M3X6-D1.5              |
| PSC3 | 760                                       | > 1.101                  | 59 | 22 | 10  | PSC3-760-22059-G |                           |
| PSC4 | 740                                       | > 1.43                   | 62 | 27 | 7.5 | PSC4-740-27062-G |                           |
| PSC4 | 760                                       | > 1.101                  | 67 | 27 | 10  | PSC4-760-27067-G |                           |

Chaque support est livré avec une ou plusieurs vis.  
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Jeder Halter wird mit einer oder mehreren Schrauben  
geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws.  
The keys must be ordered separately.

| Options                                                                             |                                                                                       |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |
| Art. N°                                                                             | Art. N°                                                                               |
| HSK-40-JET-M12X1                                                                    | C-HSK-40-JET                                                                          |

Porte-outils pour changeur automatique  
Halter für Werkzeugwechsler  
Holder for automatic changer

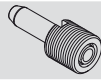
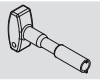


| Type | Plaquettes type<br>WSP Typ<br>Insert type | Pages<br>Seiten<br>Pages | L1 | C  | L2  | Art. N°          | Buses<br>Düsen<br>Nozzles<br> |
|------|-------------------------------------------|--------------------------|----|----|-----|------------------|--------------------------------------------------------------------------------------------------------------------|
|      |                                           |                          |    |    |     |                  | Art. N°                                                                                                            |
| PSC3 | 730                                       | > 1.43                   | 52 | 22 | 7.5 | PSC3-730-22052-G | JJ-M3X6-D1.5                                                                                                       |
| PSC3 | 750                                       | > 1.101                  | 59 | 22 | 10  | PSC3-750-22059-G |                                                                                                                    |
| PSC4 | 730                                       | > 1.43                   | 62 | 27 | 7.5 | PSC4-730-27062-G |                                                                                                                    |
| PSC4 | 750                                       | > 1.101                  | 67 | 27 | 10  | PSC4-750-27067-G |                                                                                                                    |

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geliefert. Die Schlüssel sind separat zu bestellen.

Each holder is supplied with one or more screws.  
The keys must be ordered separately.

| Options                                                                             |                                                                                      |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |
| Art. N°                                                                             | Art. N°                                                                              |
| HSK-40-JET-M12X1                                                                    | C-HSK-40-JET                                                                         |

Porte-outils

Halter  
Holders

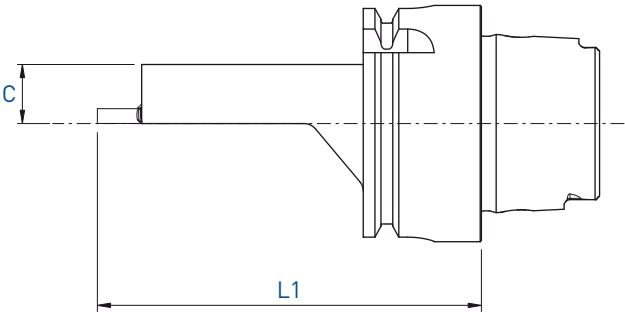
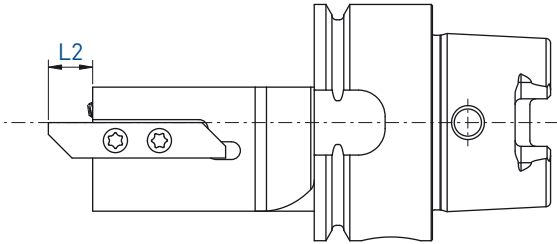
Bumotec

R

HSK-A40-S191

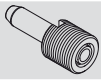


Utilisable sur toutes les machines  
avec broches HSK-T ou HSK-A  
Einsetzbar auf allen Maschinen,  
mit HSK-T oder HSK-A Pin  
Usable on all machines with HSK-T  
or HSK-A spindles



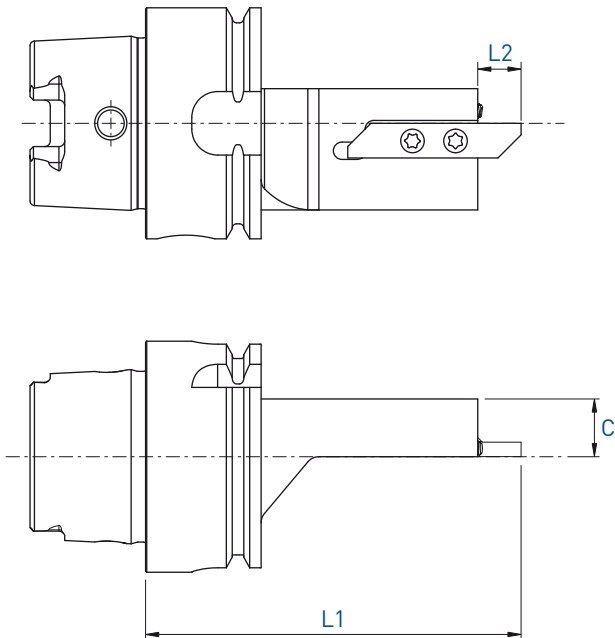
| Plaquettes type<br>WSP Typ<br>Insert type | Pages<br>Seiten<br>Pages | L1 | L2  | C  | Art. N°                   | Buses<br>Düsen<br>Nozzles<br> |
|-------------------------------------------|--------------------------|----|-----|----|---------------------------|--------------------------------------------------------------------------------------------------------------------|
|                                           |                          |    |     |    |                           | Art. N°                                                                                                            |
| 740                                       | > 1.43                   | 65 | 7.5 | 15 | HSK-A40-S191-740-0065-JET | JJ-M3X6-D1.5                                                                                                       |
| 760                                       | > 1.101                  | 70 | 10  | 15 | HSK-A40-S191-760-0070-JET | JJ-M3X6-D1.5                                                                                                       |

Chaque support est livré avec une ou plusieurs vis.  
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geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws.  
The keys must be ordered separately.

| Options                                                                             |                                                                                       |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |
| Art. N°                                                                             | Art. N°                                                                               |
| HSK-40-JET-M12X1                                                                    | C-HSK-40-JET                                                                          |

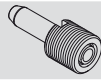


Utilisable sur toutes les machines avec  
broches HSK-T ou HSK-A  
Einsetzbar auf allen Maschinen,  
mit HSK-T oder HSK-A Pin  
Usable on all machines with HSK-T  
or HSK-A spindles



| Plaquettes type<br>WSP Type<br>Insert type | Pages<br>Seiten<br>Pages | L1 | L2  | C  | Art. N°              | Buses<br>Düsen<br>Nozzles<br> |
|--------------------------------------------|--------------------------|----|-----|----|----------------------|--------------------------------------------------------------------------------------------------------------------|
|                                            |                          |    |     |    |                      | Art. N°                                                                                                            |
| 730                                        | > 1.43                   | 65 | 7.5 | 10 | HSK-T40-730-0065-JET | JJ-M3X6-D1.5                                                                                                       |

Chaque support est livré avec une ou plusieurs vis.  
Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben  
geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws.  
The keys must be ordered separately.

| Options                                                                             |                                                                                      |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |
| Art. N°                                                                             | Art. N°                                                                              |
| HSK-40-JET-M12X1                                                                    | C-HSK-40-JET                                                                         |

Porte-outils

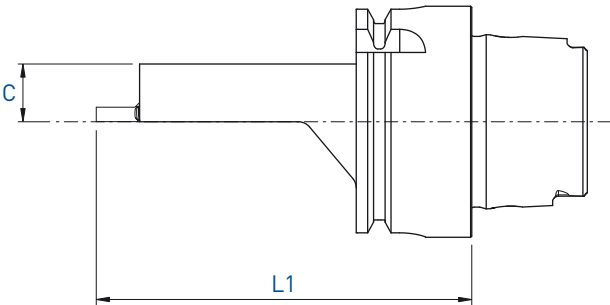
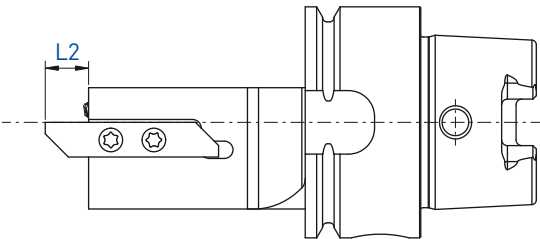
Halter  
Holders

R

HSK-T40

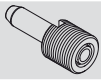


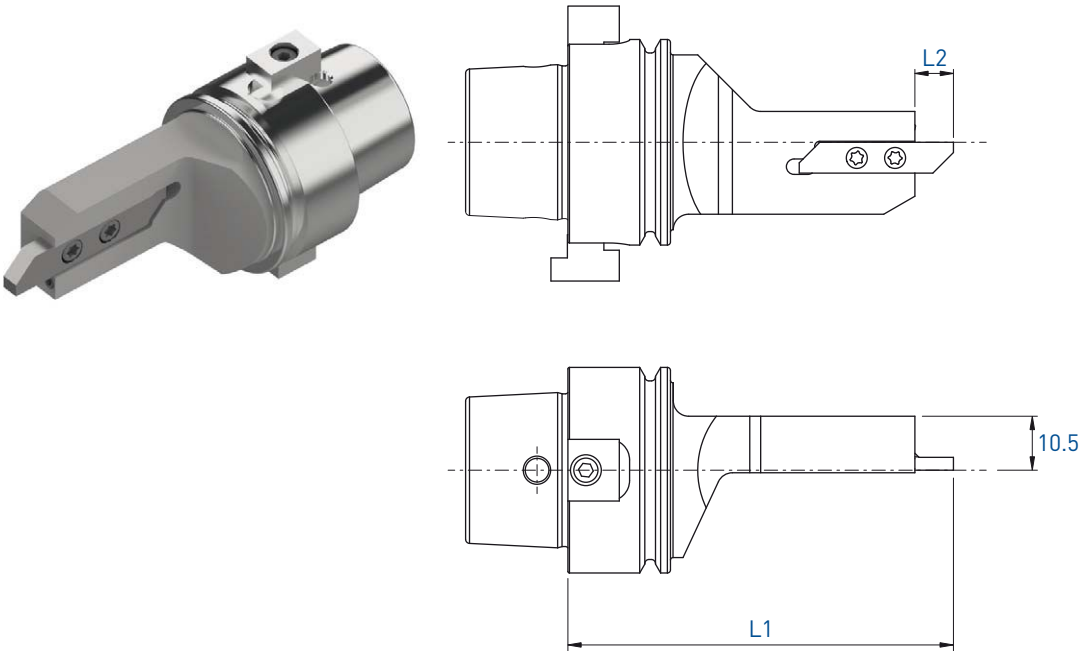
Utilisable sur toutes les machines  
avec broches HSK-T ou HSK-A  
Einsetzbar auf allen Maschinen,  
mit HSK-T oder HSK-A Pin  
Usable on all machines with HSK-T  
or HSK-A spindles



| Plaquettes type<br>WSP Typ<br>Insert type | Pages<br>Seiten<br>Pages | L1 | L2  | C  | Art. N°              | Buses<br>Düsen<br>Nozzles<br> |
|-------------------------------------------|--------------------------|----|-----|----|----------------------|--------------------------------------------------------------------------------------------------------------------|
|                                           |                          |    |     |    |                      | Art. N°                                                                                                            |
| 740                                       | > 1.43                   | 65 | 7.5 | 10 | HSK-T40-740-0065-JET | JJ-M3X6-D1.5                                                                                                       |
| 760                                       | > 1.101                  | 70 | 10  | 15 | HSK-T40-760-0070-JET | JJ-M3X6-D1.5                                                                                                       |

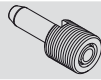
Chaque support est livré avec une ou plusieurs vis.  
Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben  
geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws.  
The keys must be ordered separately.

| Options                                                                             |                                                                                       |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |
| Art. N°                                                                             | Art. N°                                                                               |
| HSK-40-JET-M12X1                                                                    | C-HSK-40-JET                                                                          |



| Plaquettes type<br>WSP Typ<br>Insert type | Pages<br>Seiten<br>Pages | L1 | L2  | Art. N°                 | Buses<br>Düsen<br>Nozzles<br> |
|-------------------------------------------|--------------------------|----|-----|-------------------------|--------------------------------------------------------------------------------------------------------------------|
|                                           |                          |    |     |                         | Art. N°                                                                                                            |
| 730                                       | > 1.43                   | 75 | 7.5 | HSK-E40-730-0075-JET-WM | JJ-M3X6-D1.5                                                                                                       |
| 750                                       | > 1.101                  | 75 | 10  | HSK-E40-750-0075-JET-WM | JJ-M3X6-D1.5                                                                                                       |

Chaque support est livré avec une ou plusieurs vis.  
Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben  
geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws.  
The keys must be ordered separately.

| Pièces de rechange<br>Ersatzteile<br>Spare parts                                    | Options                                                                              |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |
| Art. N°                                                                             | Art. N°                                                                              |
| HSK-40-JET-M12X1                                                                    | C-HSK-40-JET                                                                         |

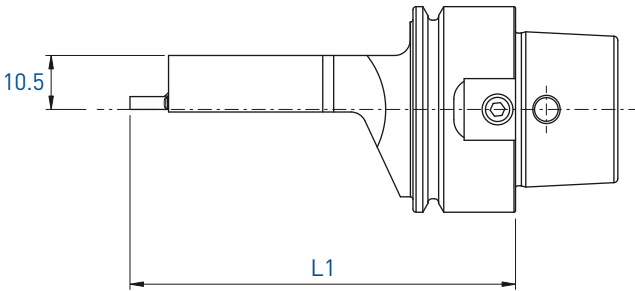
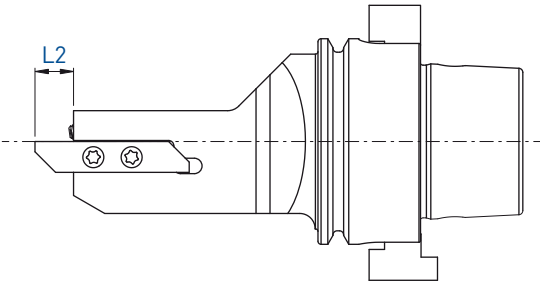
Porte-outils pour machines Willemin-Macodel

Halter für Willemin Macodel-Maschine

Holders for Willemin Macodel-machine

R

HSK-E40-WM

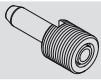


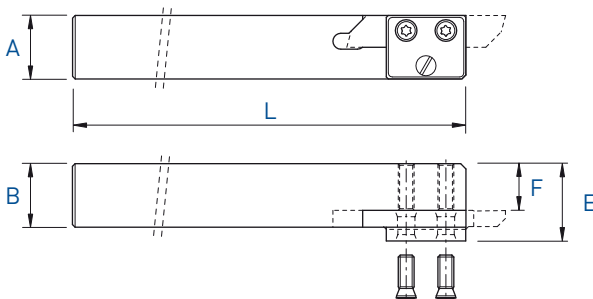
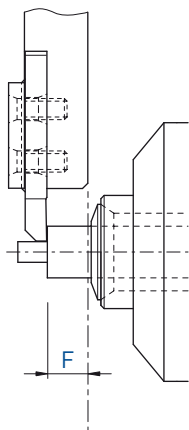
| Plaquettes type<br>WSP Typ<br>Insert type | Pages<br>Seiten<br>Pages | L1 | L2  | Art. N°                 | Buses<br>Düsen<br>Nozzles<br> |
|-------------------------------------------|--------------------------|----|-----|-------------------------|--------------------------------------------------------------------------------------------------------------------|
|                                           |                          |    |     |                         | Art. N°                                                                                                            |
| 740                                       | > 1.43                   | 75 | 7.5 | HSK-E40-740-0075-JET-WM | JJ-M3X6-D1.5                                                                                                       |
| 760                                       | > 1.101                  | 75 | 10  | HSK-E40-760-0075-JET-WM | JJ-M3X6-D1.5                                                                                                       |

Chaque support est livré avec une ou plusieurs vis.  
Les clés sont à commander séparément.

Jeder Halter wird mit einer oder mehreren Schrauben  
geliefert. Die Schlüssel sind separat zu bestellen.

Each holder is supplied with one or more screws.  
The keys must be ordered separately.

| Pièces de rechange<br>Ersatzteile<br>Spare parts                                    | Options                                                                               |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |
| Art. N°                                                                             | Art. N°                                                                               |
| HSK-40-JET-M12X1                                                                    | C-HSK-40-JET                                                                          |



740 Series

| A x B   | L   | F    | E    | Art. N°        | Plaquettes type<br>WSP Typ<br>Inserts type | Pages<br>Seiten<br>Pages |
|---------|-----|------|------|----------------|--------------------------------------------|--------------------------|
| 12 x 12 | 130 | 9.5  | 14.5 | <b>740Z-12</b> | 741 - 747                                  | > 1.43                   |
| 16 x 16 | 130 | 13.5 | 18.5 | <b>740Z-16</b> | 741 - 747                                  | > 1.43                   |

760 Series

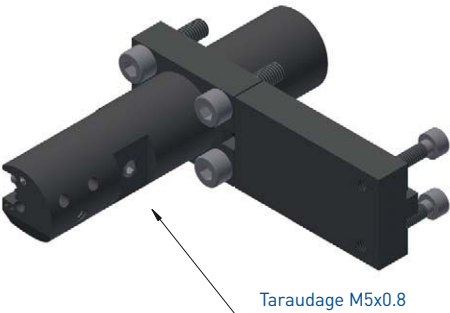
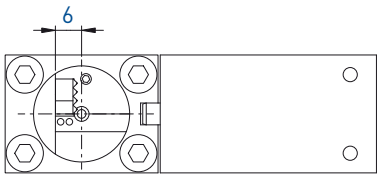
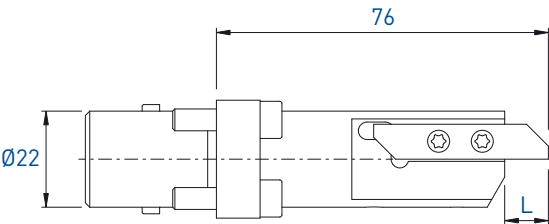
| A x B   | L   | F  | E  | Art. N°        | Plaquettes type<br>WSP Typ<br>Inserts type | Pages<br>Seiten<br>Pages |
|---------|-----|----|----|----------------|--------------------------------------------|--------------------------|
| 12 x 12 | 130 | 8  | 15 | <b>760Z-12</b> | 761 - 767                                  | > 1.101                  |
| 16 x 16 | 130 | 12 | 19 | <b>760Z-16</b> | 761 - 767                                  | > 1.101                  |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.



Porte-outils pour machine Star avec arrosage intégré  
Halter für Star Maschine mit integrierter Kühlmittelzufuhr  
Holders for Star machine with integrated coolant supply

SL7/10-JET

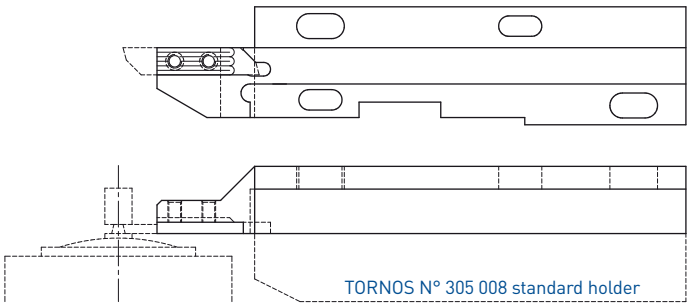


Taraudage M5x0.8

| Art. N°        | Plaquettes type<br>WSP Typ<br>Inserts type | Pages<br>Seiten<br>Pages |
|----------------|--------------------------------------------|--------------------------|
| 740-SL7/10-JET | 740                                        | > 1.43                   |
| 760-SL7/10-JET | 760                                        | > 1.101                  |

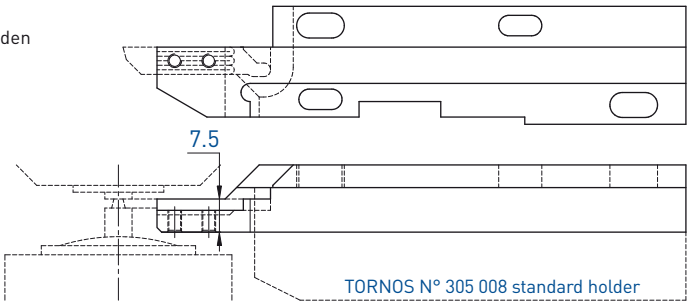
Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

Coupe à droite  
Rechtsschneiden  
Right hand cut



| Art. N°    | Plaquettes type<br>WSP Typ<br>Inserts type | Pages<br>Seiten<br>Pages |
|------------|--------------------------------------------|--------------------------|
| 740-DEC010 | 741 - 747                                  | > 1.43                   |

Coupe à droite déportée  
Versetztes Rechtsschneiden  
Right cut off line



| Art. N°     | Plaquettes type<br>WSP Typ<br>Inserts type | Pages<br>Seiten<br>Pages |
|-------------|--------------------------------------------|--------------------------|
| 730R-DEC010 | 731R / 731N                                | 1.51 - 1.58              |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

**Porte-outils pour machine Tornos**

Halter für Tornos Maschine

Holders for Tornos machine

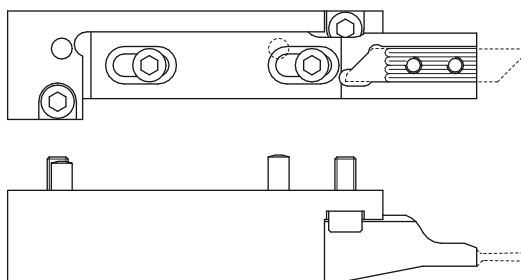
R

**DECO 7/10**  
**EvoDECO 10**

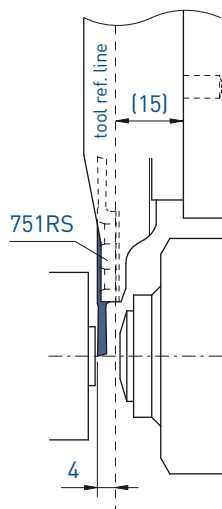
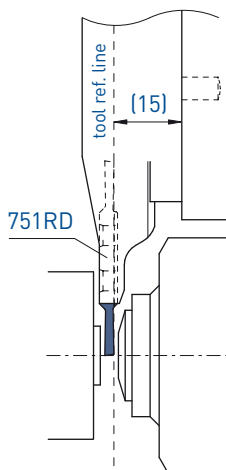
Pour le tronçonnage de petites pièces  
Zum Abstechen von kleinen Werkstücken  
For small parts parting off



Réglable en longueur  
Längseinstellbar  
Adjustable length

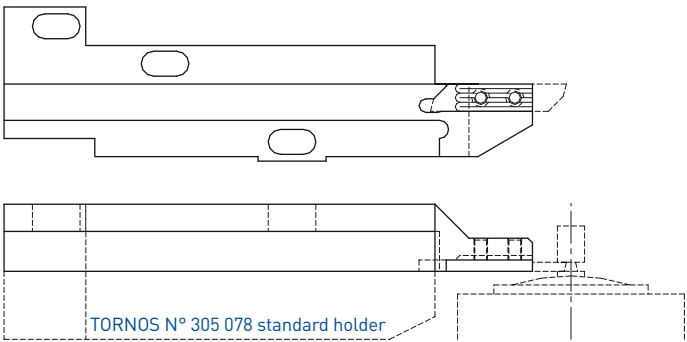


| Art. N°            | Plaquettes type<br>WSP Typ<br>Inserts type | Pages<br>Seiten<br>Pages |
|--------------------|--------------------------------------------|--------------------------|
| <b>750R-DECO10</b> | 751R / 751N                                | > 1.104                  |



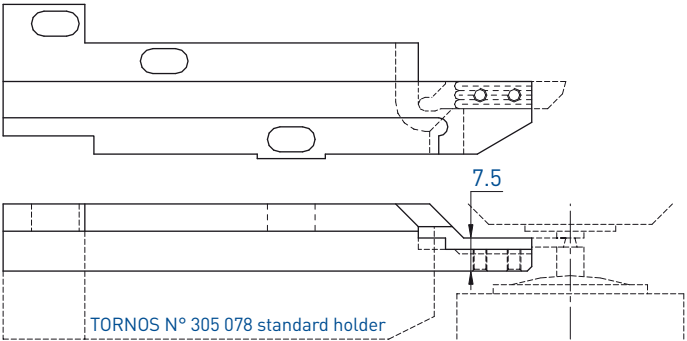
Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

Coupe à gauche  
Linksschneiden  
Left hand cut



| Art. N°    | Plaquettes type<br>WSP Typ<br>Inserts type | Pages<br>Seiten<br>Pages |
|------------|--------------------------------------------|--------------------------|
| 730-DEC010 | 731 - 737                                  | > 1.43                   |

Coupe à gauche déportée  
Versetztes Linksschneiden  
Left cut off line



| Art. N°     | Plaquettes type<br>WSP Typ<br>Inserts type | Pages<br>Seiten<br>Pages |
|-------------|--------------------------------------------|--------------------------|
| 740L-DEC010 | 741L / 741N                                | > 1.49                   |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

**Porte-outils pour machine Tornos**

Halter für Tornos Maschine

Holders for Tornos machine

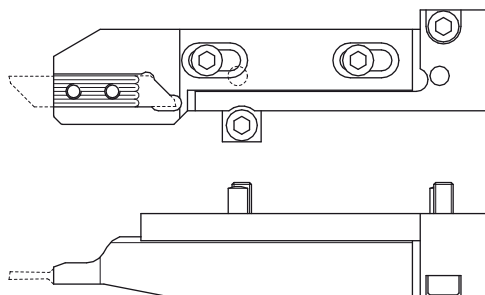
L

**DECO 7/10**  
**EvoDECO 10**

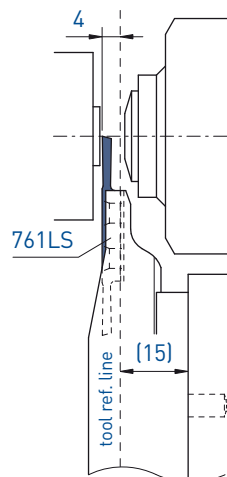
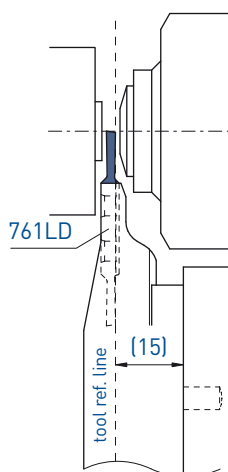
Pour le tronçonnage de petites pièces  
Zum Abstechen von kleinen Werkstücken  
For small parts parting off



Réglable en longueur  
Längseinstellbar  
Adjustable length



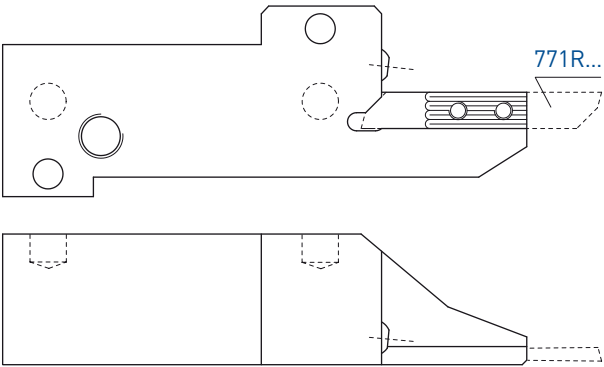
| Art. N°            | Plaquettes type<br>WSP Typ<br>Inserts type | Pages<br>Seiten<br>Pages |
|--------------------|--------------------------------------------|--------------------------|
| <b>760L-DECO10</b> | 761L / 761N                                | 1.104 - 1.125            |



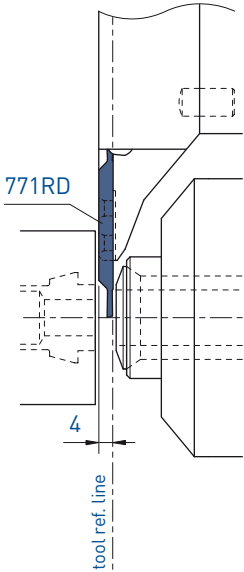
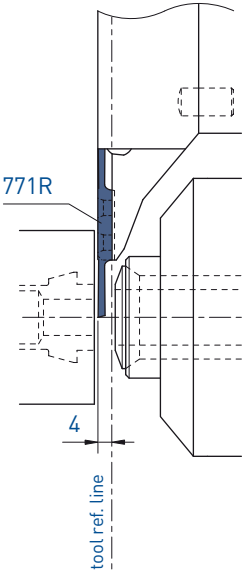
Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

DECO 13  
EvoDECO 16

Pour le tronçonnage de petites pièces  
Zum Abstechen von kleinen Werkstücken  
For small parts parting off



| Art. N°     | Plaquettes type<br>WSP Typ<br>Inserts type | Pages<br>Seiten<br>Pages |
|-------------|--------------------------------------------|--------------------------|
| 770R-DEC013 | 771R                                       | 1.171 - 1.174            |



Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

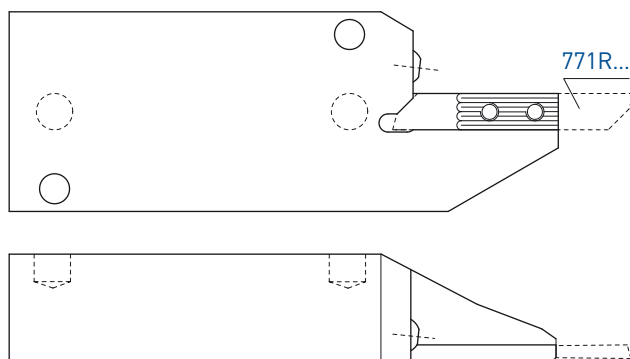
**Porte-outils pour machine Tornos**

Halter für Tornos Maschine

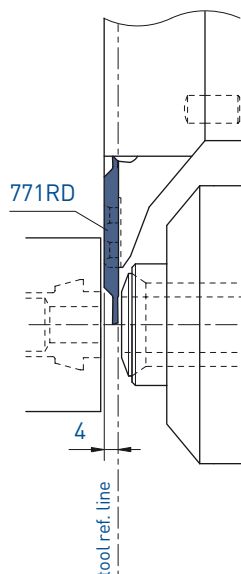
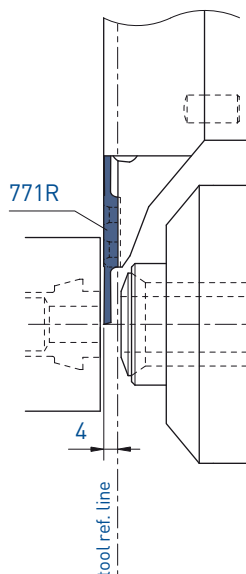
Holders for Tornos machine

**DECO 20**  
**EvoDECO 20/32**

Pour le tronçonnage de petites pièces  
Zum Abstechen von kleinen Werkstücken  
For small parts parting off

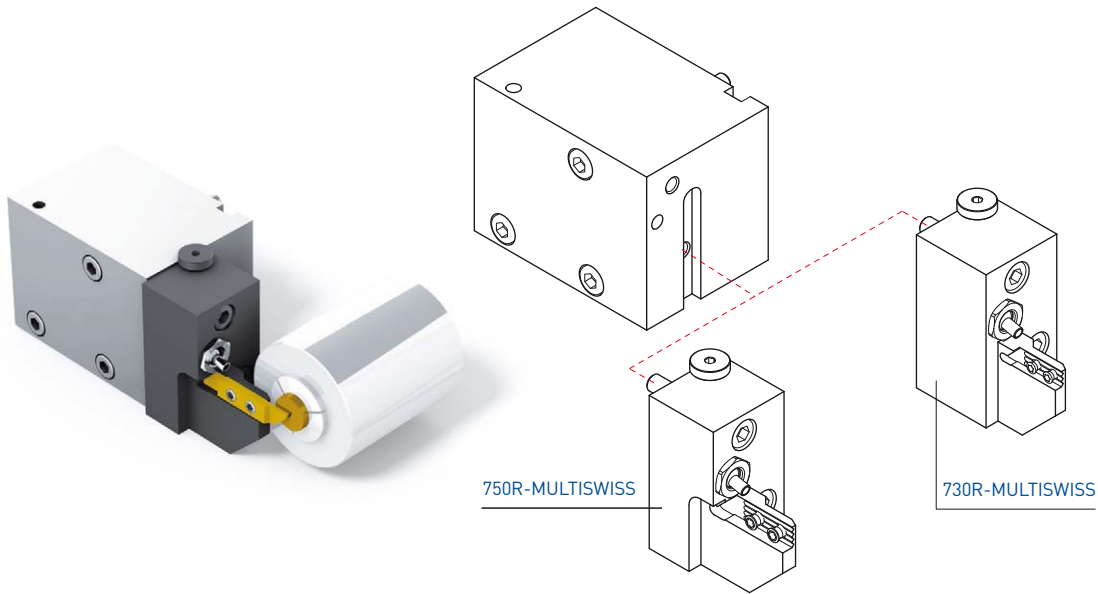
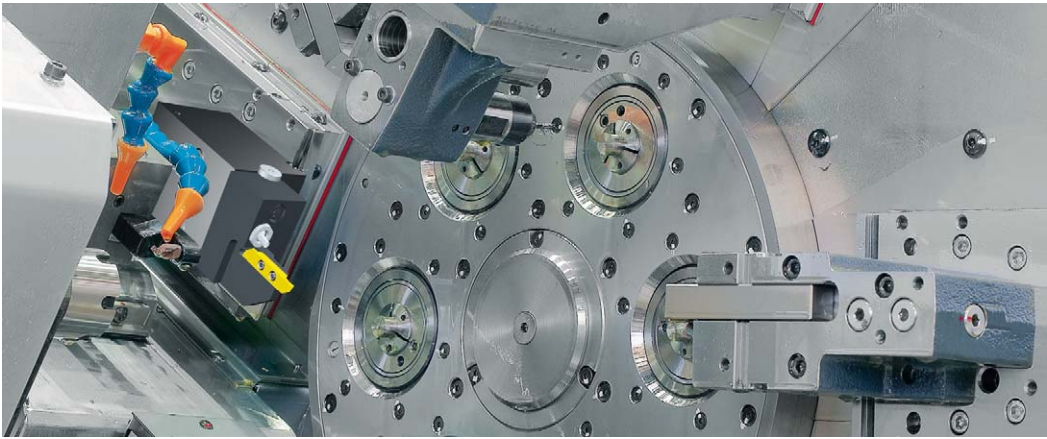


| Art. N°            | Plaquettes type<br>WSP Typ<br>Inserts type | Pages<br>Seiten<br>Pages |
|--------------------|--------------------------------------------|--------------------------|
| <b>770R-DECO20</b> | 771R                                       | 1.171 - 1.174            |



Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

MultiSwiss 6x16



Chaque support est livré avec une ou plusieurs vis.  
Les clés sont à commander séparément.

Jeder Halter wird mit einer oder mehreren Schrauben geliefert.  
Die Schlüssel sind separat zu bestellen.

Each holder is supplied with one or more screws.  
The keys must be ordered separately.

| Art. N°         | Plaquettes type<br>WSP Typ<br>Inserts type | Pages<br>Seiten<br>Pages |
|-----------------|--------------------------------------------|--------------------------|
| 730R-MULTISWISS | 731R / 731N                                | 1.49 - 1.57              |
| 750R-MULTISWISS | 751R / 751N                                | 1.103 - 1.126            |



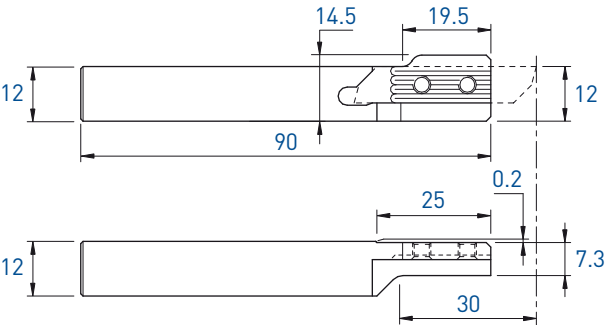
Porte-outils

Halter  
Holders

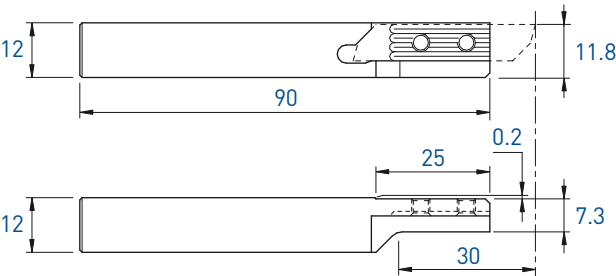
Tornos **AS 14**  
**SAS 16**

R

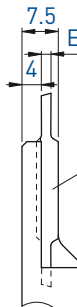
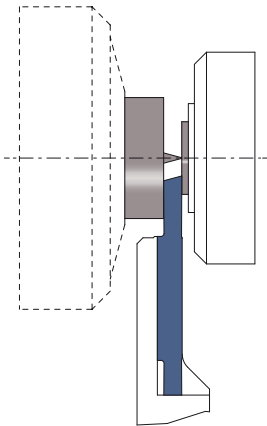
750RAS



| Art. N°   | Plaquettes type<br>WSP Typ<br>Inserts type | Pages<br>Seiten<br>Pages |
|-----------|--------------------------------------------|--------------------------|
| 750RAS-12 | 751R                                       | 1.114 - 1.127            |



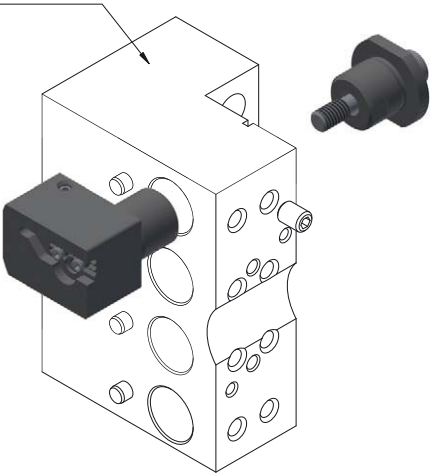
| Art. N°         | Plaquettes type<br>WSP Typ<br>Inserts type | Pages<br>Seiten<br>Pages |
|-----------------|--------------------------------------------|--------------------------|
| 750RAS-12-H11.8 | 751R                                       | 1.114 - 1.127            |



751RAS  
751RD (p. 1.125 - 1.126)

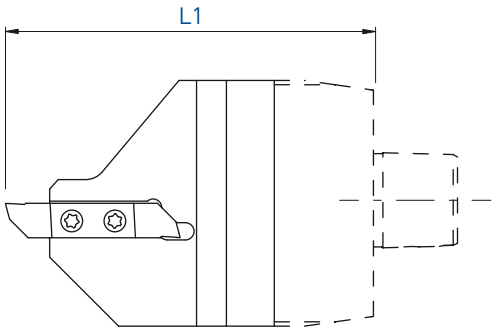
Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

Compatible avec porte-outils Tornos 312022  
Kompatibel mit Tornos-Werkzeughalter 312022  
Compatible with Tornos tool holder 312022

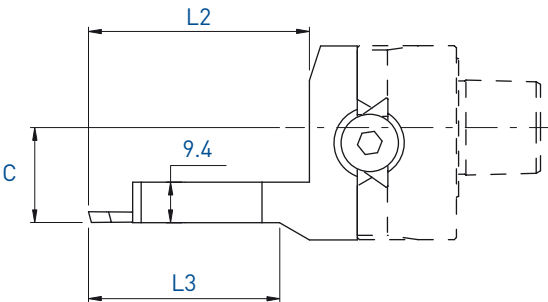
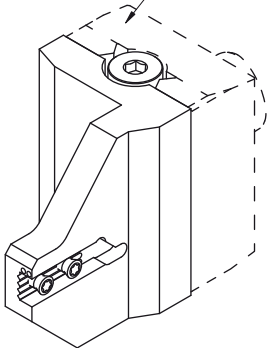


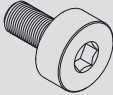
| Art. N°       | Plaquettes type<br>WSP Typ<br>Inserts type | Pages<br>Seiten<br>Pages |
|---------------|--------------------------------------------|--------------------------|
| 740-SN-312022 | 740                                        | 1.43 - 1.89              |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.



Compatibility Schütte



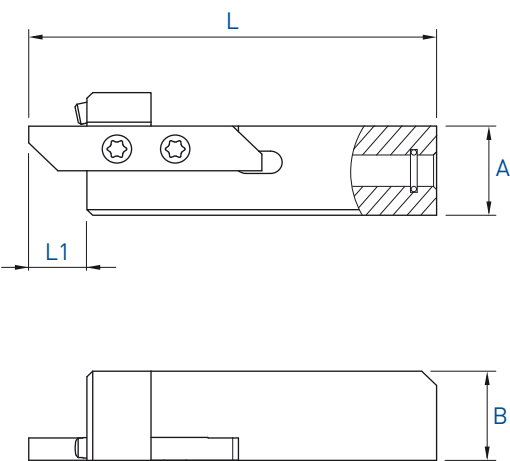
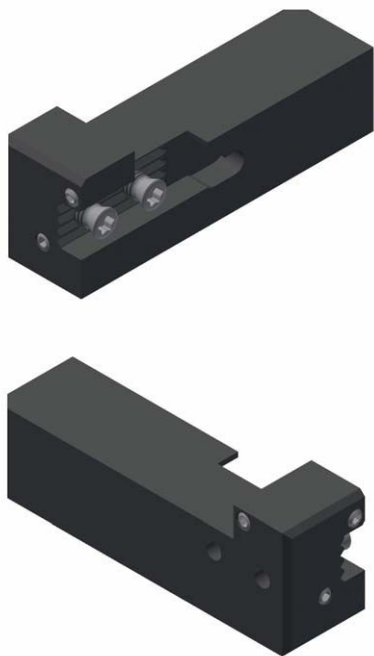
| Plaquettes type<br>WSP Typ<br>Inserts type | Pages<br>Seiten<br>Pages | L1 | C    | L2 | L3 | Art. N°      | Compatibility<br>Schütte |  |
|--------------------------------------------|--------------------------|----|------|----|----|--------------|--------------------------|---------------------------------------------------------------------------------------|
|                                            |                          |    |      |    |    |              |                          | Art. N°                                                                               |
| 761-767                                    | > 1.101                  | 86 | 22   | 51 | 44 | DT20-760-JET | C3-75870949              | V-M6X0.5-14-L18                                                                       |
|                                            |                          | 83 | 27.5 | 48 | –  | DT30-760-JET | C4-75836783              |                                                                                       |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

AFC-740-JET / AFC-760-JET

Arno

Porte-outils  
Halter  
Holders



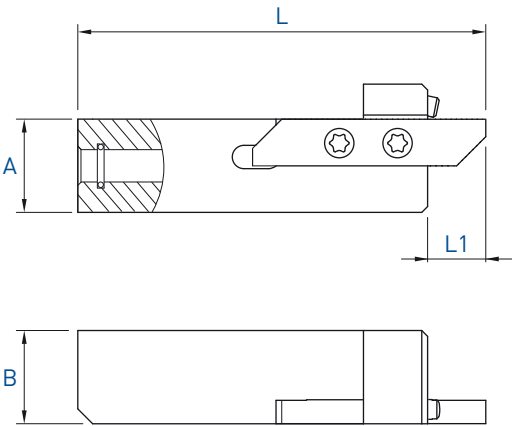
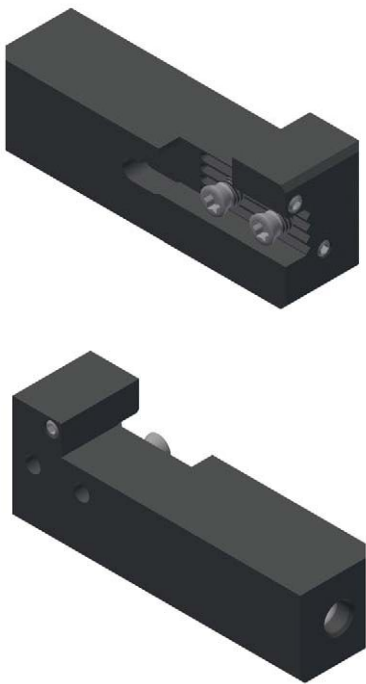
À monter exclusivement avec les butées ARNO AHA...-UN...-AFC  
Ausschließlich mit ARNO AHA...-UN...-AFC Anschlagssystemen montieren  
To be assembled exclusively with ARNO AHA...-UN...-AFC stop systems

| Plaquettes type<br>WSP Typ<br>Insert type | Pages<br>Seiten<br>Pages | AxB   | L  | L1  | Art. N°        | Buses<br>Düsen<br>Nozzles<br> |
|-------------------------------------------|--------------------------|-------|----|-----|----------------|--------------------------------------------------------------------------------------------------------------------|
|                                           |                          |       |    |     |                | Art. N°                                                                                                            |
| 740                                       | > 1.43                   | 12x12 | 70 | 7.5 | AFC-740-12-JET | JJ-M3X6-D1.5                                                                                                       |
| 740                                       | > 1.43                   | 16x16 | 70 | 7.5 | AFC-740-16-JET | JJ-M3X6-D1.5                                                                                                       |
| 760                                       | > 1.101                  | 12x12 | 70 | 10  | AFC-760-12-JET | JJ-M3X6-D1.5                                                                                                       |
| 760                                       | > 1.101                  | 16x16 | 70 | 10  | AFC-760-16-JET | JJ-M3X6-D1.5                                                                                                       |
|                                           |                          |       |    |     |                | More option<br>see JET-Line                                                                                        |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

Porte-outils  
Halter  
Arno  
Holders

AFC-730R-JET / AFC-750R-JET



À monter exclusivement avec les butées ARNO AHA...-UN...-AFC  
Ausschließlich mit ARNO AHA...-UN...-AFC Anschlagssystemen montieren  
To be assembled exclusively with ARNO AHA...-UN...-AFC stop systems

| Plaquettes type<br>WSP Typ<br>Insert type | Pages<br>Seiten<br>Pages | AxB   | L  | L1  | Art. N°         | Buses<br>Düsen<br>Nozzles<br> |
|-------------------------------------------|--------------------------|-------|----|-----|-----------------|--------------------------------------------------------------------------------------------------------------------|
|                                           |                          |       |    |     |                 | Art. N°                                                                                                            |
| 730                                       | > 1.43                   | 12x12 | 70 | 7.5 | AFC-730R-12-JET | JJ-M3X6-D1.5                                                                                                       |
| 730                                       | > 1.43                   | 16x16 | 70 | 7.5 | AFC-730R-16-JET | JJ-M3X6-D1.5                                                                                                       |
| 750                                       | > 1.101                  | 12x12 | 70 | 10  | AFC-750R-12-JET | JJ-M3X6-D1.5                                                                                                       |
| 750                                       | > 1.101                  | 16x16 | 70 | 10  | AFC-750R-16-JET | JJ-M3X6-D1.5                                                                                                       |
|                                           |                          |       |    |     |                 | More option<br>see JET-Line                                                                                        |

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.  
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.  
Each holder is supplied with one or more screws. The keys must be ordered separately.

# TOP-Line

## Pièces de rechange et accessoires

Ersatzteile und Zubehör

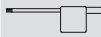
Spare parts and accessories

|     | Porte-outils<br>Halter<br>Holders              | Serrage standard (A)<br>Standard Spannsystem (A)<br>Standard clamping system (A)<br>   | Options<br>   | Serrage type B<br>Spannsystem Typ B<br>Clamping system type B<br>                                                                                                                                                                                          | Options<br> |           |
|-----|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------|
| 710 | 710-6 / - NOVIBRA                              | V-M2.5X5.8-T8                                                                                                                                                           | C-T8                                                                                           | -                                                                                                                                                                                                                                                                                                                                           | -                                                                                              |           |
|     | 710-7 / - NOVIBRA                              | V-M2.5X6.5-T8                                                                                                                                                           |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |                                                                                                |           |
|     | 710-8 / - NOVIBRA                              | V-M2.5X7.8-T8                                                                                                                                                           |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |                                                                                                |           |
|     | 710-10 - 710-12                                |                                                                                                                                                                         |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |                                                                                                |           |
| 720 | 720-7                                          | V-M2.5X6.5-T8                                                                                                                                                           | C-T8                                                                                           | -                                                                                                                                                                                                                                                                                                                                           | -                                                                                              |           |
|     | 720-8 - 720-12                                 | V-M2.5X7.8-T8                                                                                                                                                           |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |                                                                                                |           |
| 730 | 730-7 / - JET / -NOVIBRA                       | V-M3X7-T8                                                                                                                                                               | C-T8                                                                                           | -                                                                                                                                                                                                                                                                                                                                           | -                                                                                              |           |
|     | 730-8 / -NOVIBRA                               |                                                                                                                                                                         |                                                                                                | V-M2.5X7.8-T8                                                                                                                                                                                                                                                                                                                               | C-T8                                                                                           |           |
|     | 730-9.52 - 730-20                              |                                                                                                                                                                         |                                                                                                | -                                                                                                                                                                                                                                                                                                                                           | -                                                                                              |           |
|     | 730-DECO10                                     |                                                                                                                                                                         |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |                                                                                                |           |
|     | 730R-DECO10                                    |                                                                                                                                                                         |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |                                                                                                |           |
|     | 730RC                                          | V-M3X5.5-T8                                                                                                                                                             |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |                                                                                                |           |
| 740 | 740-7 / -JET / -NOVIBRA                        | V-M3X7-T8                                                                                                                                                               | C-T8                                                                                           | -                                                                                                                                                                                                                                                                                                                                           | -                                                                                              |           |
|     | 740-8 / -NOVIBRA -                             |                                                                                                                                                                         |                                                                                                | V-M2.5X7.8-T8                                                                                                                                                                                                                                                                                                                               | C-T8                                                                                           |           |
|     | 740-12 / -JET / -NOVIBRA                       |                                                                                                                                                                         |                                                                                                | -                                                                                                                                                                                                                                                                                                                                           | -                                                                                              |           |
|     | 740-16 - 740-20                                |                                                                                                                                                                         |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |                                                                                                |           |
|     | 740/730-D                                      |                                                                                                                                                                         |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |                                                                                                |           |
|     | 740-C                                          | V-M3X5.5-T8                                                                                                                                                             |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |                                                                                                |           |
|     | 740-D-JET                                      |                                                                                                                                                                         |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |                                                                                                |           |
|     | 740-DECO10                                     |                                                                                                                                                                         |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |                                                                                                | V-M3X7-T8 |
|     | 740L-DECO10                                    |                                                                                                                                                                         |                                                                                                | V-M3X9-T8                                                                                                                                                                                                                                                                                                                                   |                                                                                                |           |
|     | 740-Z                                          |                                                                                                                                                                         |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |                                                                                                |           |
|     | Porte-outils<br>Halter<br>Holders              | Serrage standard (A)<br>Standard Spannsystem (A)<br>Standard clamping system (A)<br> | Options<br> | Serrage type B<br>Spannsystem Typ B<br>Clamping system type B<br>  <br>BN11 BN21 |                                                                                                |           |
| 750 | 750-10 - 750-12 / -JET                         | V-M4X9-T15                                                                                                                                                              | C-T15                                                                                          | -                                                                                                                                                                                                                                                                                                                                           | -                                                                                              |           |
|     | 750-10-AB                                      |                                                                                                                                                                         |                                                                                                | V-M3X10-BN21                                                                                                                                                                                                                                                                                                                                | C-6P-2.0                                                                                       |           |
|     | 750-12-AB                                      |                                                                                                                                                                         |                                                                                                | V-M3X8-BN11                                                                                                                                                                                                                                                                                                                                 | C-6P-2.5                                                                                       |           |
|     | 750-12.7 - 750-14                              |                                                                                                                                                                         |                                                                                                | V-M3X10-BN11                                                                                                                                                                                                                                                                                                                                |                                                                                                |           |
|     | 750-16                                         |                                                                                                                                                                         |                                                                                                | V-M3X12-BN11                                                                                                                                                                                                                                                                                                                                |                                                                                                |           |
|     | 750-20                                         | V-M4X7.3-T15                                                                                                                                                            |                                                                                                | V-M3X16-BN11                                                                                                                                                                                                                                                                                                                                | -                                                                                              |           |
|     | 750RAS - 750-RC                                |                                                                                                                                                                         |                                                                                                | -                                                                                                                                                                                                                                                                                                                                           |                                                                                                |           |
|     | 750R-DECO10                                    | V-M4X5.6-T15                                                                                                                                                            |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |                                                                                                |           |
| 760 | 760-10 - 760-12 / -JET /<br>-NOVIBRA / 760/750 | V-M4X9-T15                                                                                                                                                              | C-T15                                                                                          | -                                                                                                                                                                                                                                                                                                                                           | -                                                                                              |           |
|     | 760-10-AB                                      |                                                                                                                                                                         |                                                                                                | V-M3X10-BN21                                                                                                                                                                                                                                                                                                                                | C-6P-2.0                                                                                       |           |
|     | 760-12-AB                                      |                                                                                                                                                                         |                                                                                                | V-M3X8-BN11                                                                                                                                                                                                                                                                                                                                 | C-6P-2.5                                                                                       |           |
|     | 760-12.7 - 760-14                              |                                                                                                                                                                         |                                                                                                | V-M3X10-BN11                                                                                                                                                                                                                                                                                                                                |                                                                                                |           |
|     | 760-16                                         |                                                                                                                                                                         |                                                                                                | V-M3X12-BN11                                                                                                                                                                                                                                                                                                                                |                                                                                                |           |
|     | 760-20                                         | V-M4X7.3-T15                                                                                                                                                            |                                                                                                | V-M3X16-BN11                                                                                                                                                                                                                                                                                                                                | -                                                                                              |           |
|     | 760-D-JET                                      |                                                                                                                                                                         |                                                                                                | -                                                                                                                                                                                                                                                                                                                                           |                                                                                                |           |
|     | 760LC                                          | V-M4X5.6-T15                                                                                                                                                            |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |                                                                                                |           |
|     | 760L-DECO10                                    | V-M4X12-T15                                                                                                                                                             |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |                                                                                                |           |
|     | 760-Z                                          |                                                                                                                                                                         |                                                                                                |                                                                                                                                                                                                                                                                                                                                             |                                                                                                |           |

**Pièces de rechange et accessoires**

Ersatzteile und Zubehör

Spare parts and accessories

|                                  | Porte-outils<br>Halter<br>Holders | Serrage standard (A)<br>Standard Spannsystem (A)<br>Standard clamping system (A)<br> | Options<br> | Serrage type B<br>Spannsystem Typ B<br>Clamping system type B<br>  |   |
|----------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <b>770</b>                       | 770 / -JET                        | V-M4X9-T15                                                                                                                                                            | C-T15                                                                                        | -                                                                                                                                                                                                                                      | - |
|                                  | 770RC                             | V-M4X7.3-T15                                                                                                                                                          |                                                                                              | -                                                                                                                                                                                                                                      | - |
| <b>780</b>                       | 780 / -JET                        | V-M4X9-T15                                                                                                                                                            | C-T15                                                                                        | -                                                                                                                                                                                                                                      | - |
| <b>7050</b>                      | 7050                              | V-M4X9-T15                                                                                                                                                            | C-T15                                                                                        | -                                                                                                                                                                                                                                      | - |
|                                  | 7051                              |                                                                                                                                                                       |                                                                                              | -                                                                                                                                                                                                                                      | - |
| <b>7060</b>                      | 7060                              | V-M4X9-T15                                                                                                                                                            | C-T15                                                                                        | -                                                                                                                                                                                                                                      | - |
|                                  | 7061                              |                                                                                                                                                                       |                                                                                              | -                                                                                                                                                                                                                                      | - |
| <b>W</b>                         | W750 / W760 / -JET                | V-M4X11.5-T15                                                                                                                                                         | C-T15                                                                                        | -                                                                                                                                                                                                                                      | - |
| <b>PSC3</b>                      | PSC3-730                          | V-M3X7-T8                                                                                                                                                             | C-T8                                                                                         | -                                                                                                                                                                                                                                      | - |
|                                  | PSC3-740                          |                                                                                                                                                                       |                                                                                              |                                                                                                                                                                                                                                        |   |
|                                  | PSC3-750                          | V-M4X9-T15                                                                                                                                                            | C-T15                                                                                        | -                                                                                                                                                                                                                                      | - |
|                                  | PSC3-760                          |                                                                                                                                                                       |                                                                                              |                                                                                                                                                                                                                                        |   |
| <b>PSC4</b>                      | PSC4-730                          | V-M4X9-T15                                                                                                                                                            | C-T15                                                                                        | -                                                                                                                                                                                                                                      | - |
|                                  | PSC4-740                          |                                                                                                                                                                       |                                                                                              |                                                                                                                                                                                                                                        |   |
|                                  | PSC4-750                          |                                                                                                                                                                       |                                                                                              |                                                                                                                                                                                                                                        |   |
|                                  | PSC4-760                          |                                                                                                                                                                       |                                                                                              |                                                                                                                                                                                                                                        |   |
| <b>HSK</b>                       | HSK-A40-E40-T40-740               | V-M3X7-T8                                                                                                                                                             | C-T8                                                                                         | -                                                                                                                                                                                                                                      | - |
|                                  | HSK-A40-E40-T40-760               | V-M4X9-T15                                                                                                                                                            | C-T15                                                                                        |                                                                                                                                                                                                                                        |   |
| <b>STAR</b>                      | SL7/10-JET                        | V-M3X7-T8                                                                                                                                                             | C-T8                                                                                         | -                                                                                                                                                                                                                                      | - |
| <b>DECO 7/10<br/>EvoDECO 10</b>  | 730-DECO10                        | V-M3X5.5-T8                                                                                                                                                           | C-T8                                                                                         | -                                                                                                                                                                                                                                      | - |
|                                  | 730R-DECO10                       |                                                                                                                                                                       |                                                                                              |                                                                                                                                                                                                                                        |   |
|                                  | 740-DECO10                        |                                                                                                                                                                       |                                                                                              |                                                                                                                                                                                                                                        |   |
|                                  | 740L-DECO10                       |                                                                                                                                                                       |                                                                                              |                                                                                                                                                                                                                                        |   |
|                                  | 750R-DECO10                       |                                                                                                                                                                       |                                                                                              |                                                                                                                                                                                                                                        |   |
|                                  | 760L-DECO10                       |                                                                                                                                                                       |                                                                                              |                                                                                                                                                                                                                                        |   |
| <b>DECO 13<br/>EvoDECO 16</b>    | 770R-DECO13                       | V-M3X5.5-T8                                                                                                                                                           | C-T8                                                                                         | -                                                                                                                                                                                                                                      | - |
| <b>DECO 20<br/>EvoDECO 20/32</b> | 770R-DECO20                       | V-M3X5.5-T8                                                                                                                                                           | C-T8                                                                                         | -                                                                                                                                                                                                                                      | - |
| <b>MultiSwiss</b>                | 730R-MULTISWISS                   | V-M3X5.5-T8                                                                                                                                                           | C-T8                                                                                         | -                                                                                                                                                                                                                                      | - |
|                                  | 750R-MULTISWISS                   | V-M4X7.3-T15                                                                                                                                                          | C-T15                                                                                        |                                                                                                                                                                                                                                        |   |
| <b>SwissNano</b>                 | 740-SN-312022                     | V-M3X5.5-T8                                                                                                                                                           | C-T8                                                                                         | -                                                                                                                                                                                                                                      | - |
| <b>Schütte</b>                   | DT20-760-JET                      | V-M4X9-T15                                                                                                                                                            | C-T15                                                                                        | -                                                                                                                                                                                                                                      | - |
|                                  | DT30-760-JET                      |                                                                                                                                                                       |                                                                                              |                                                                                                                                                                                                                                        |   |
| <b>Arno</b>                      | AFC-730R                          | V-M3X5.5-T8                                                                                                                                                           | C-T8                                                                                         | -                                                                                                                                                                                                                                      | - |
|                                  | AFC-740                           |                                                                                                                                                                       |                                                                                              |                                                                                                                                                                                                                                        |   |
|                                  | AFC-750R                          |                                                                                                                                                                       |                                                                                              |                                                                                                                                                                                                                                        |   |
|                                  | AFC-760                           |                                                                                                                                                                       |                                                                                              |                                                                                                                                                                                                                                        |   |

SYMBOL

Légende des symboles

Symbollegende

Symbol Legend

| E   | L | Art. N°   | TiAlN | TiN | N (µK20) | HTA | HTiN | HN (µK10) |
|-----|---|-----------|-------|-----|----------|-----|------|-----------|
| 1.0 | 5 | 731RU-1.0 | •     | •   |          |     |      |           |
| 1.2 | 5 | 731RU-1.2 | •     | •   |          |     |      |           |
| 1.5 | 7 | 731RU-1.5 | •     | •   | •        | •   | •    | •         |
| 2.0 | 7 | 731RU-2.0 | •     | •   |          |     |      |           |

• Article standard  
Standardartikel  
Standard item

P

Acier  
Stahl  
Steel

M

Inox  
Rostfreistahl  
Stainless steel

N

Alliages d'aluminium et non ferreux  
Aluminium- und Nichtisenlegierungen  
Aluminium and non-ferrous alloys

S

Titane et superalliages  
Titan und Superlegierungen  
Titanium and superalloys

H

Acier trempé  
Gehärteter Stahl  
Hardened steel

K

Fonte  
Gusseisen  
Cast iron

O

Matière exotique  
Exotisches material  
Exotic material



Carbure  
Hartmetall  
Carbide

TiAlN



● K20

µK20 + revêtement PVD  
µK20 + PVD Beschichtung  
µK20 + PVD coating

|   |       |
|---|-------|
| P | ★★★★★ |
| M | ★★★★★ |
| N | ★★★★★ |
| S | ★★★★★ |

TF F M E

Épaisseur du revêtement  
Dicken der Beschichtung  
Thickness of the coating

TF

Très fin  
Sehr dünn  
Very thin

F

Fin  
Dünn  
Thin

M

Moyen  
Mittel  
Medium

E

Épais  
Dick  
Thick