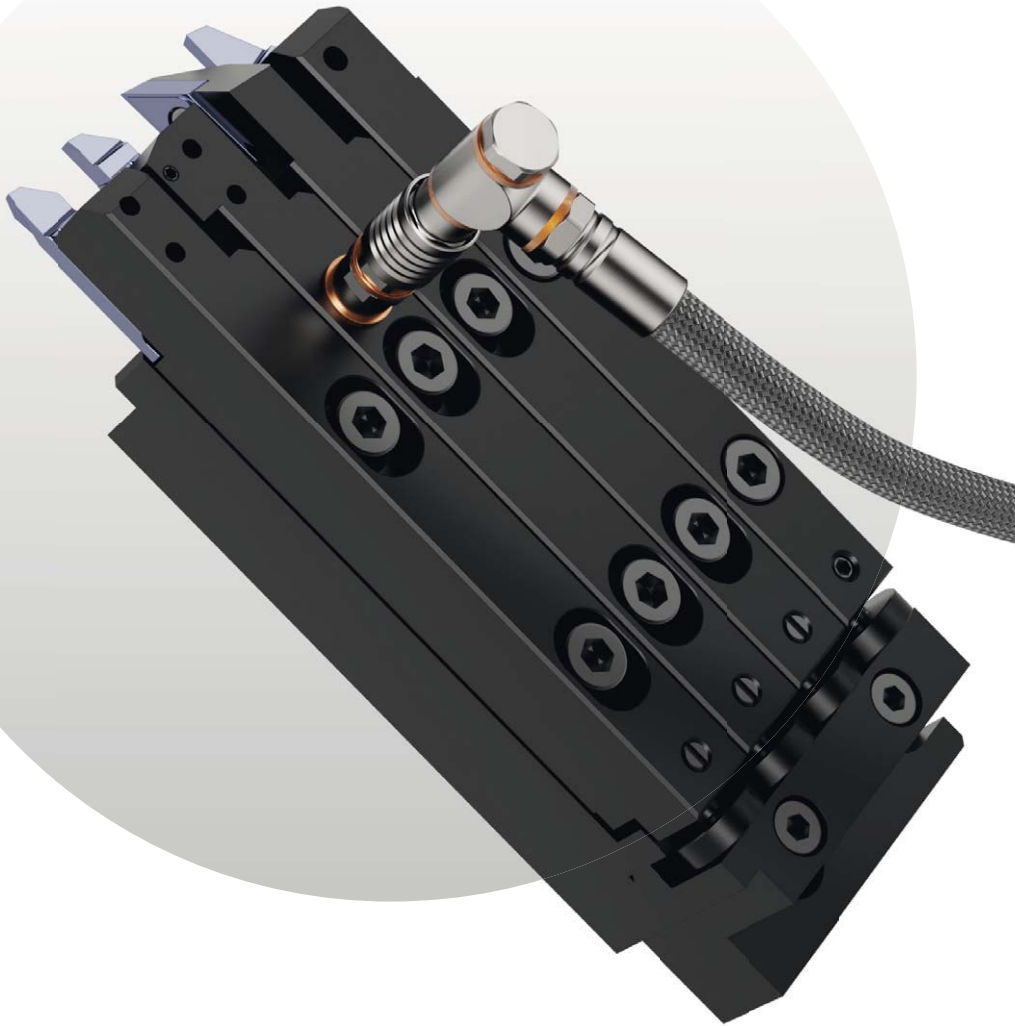


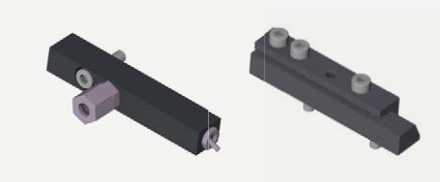
MODU-Line



APPLITEC
CUTTING TOOLS

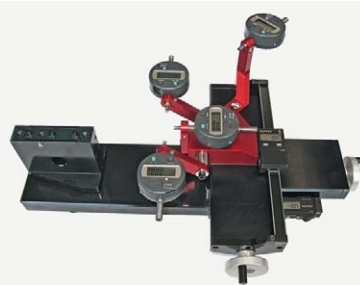
Infos et avantages Infos und Vorteile Infos and advantages		> 14.04	
Supports de base Grundhalter Base holders	Citizen Hanwha Manurhin Metafil Star Tornos Tsugami		> 14.06 > 14.20 > 14.24 > 14.26 > 14.28 > 14.46 > 14.66
	Adaptations disponibles pour les machines suivantes: Verfügbare Anpassungen für folgende Maschinen: Available adapters for the following machines:		
Porte-outils Halter Holders	ML12 ML16		12 16
	Infos		> 14.74
Porte-outils Halter Holders	Right cut Cut off line		
	TOP-Line TURN-Line ISO-Line EVOCUT-Line CUT-Line PRO-Line ECO-Line IN-Line TOOLING-Line > 14.78 > 14.80 > 14.80 > 14.83 > 14.84 > 14.85 > 14.86 > 14.87 > 14.89		TOP-Line TURN-Line ISO-Line EVOCUT-Line CUT-Line PRO-Line ECO-Line > 14.90 > 14.92 > 14.93 > 14.94 > 14.95 > 14.96 > 14.97

Modules d'arrosage et de serrage
Kühlmittelzufuhr- und Spannelemente
Coolant and clamping supply unit



> **14.98**

Banc de pré réglage
Voreinstellgerät
Presetting device



> **14.100**

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



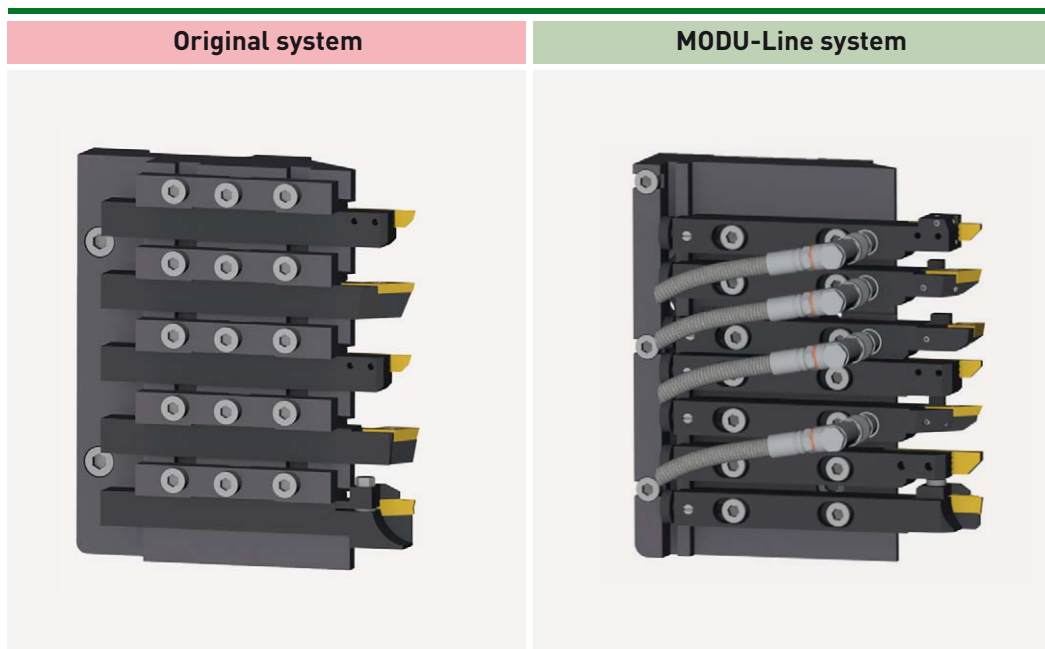
> **14.102**

MODU-Line

Infos et avantages

Infos und Vorteile

Infos and advantages



Système d'outils modulaires
pour tours automatiques

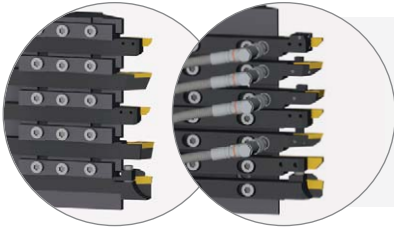
Modulares Werkzeugsystem
für Langdrehautomaten

Modular tooling system for
sliding headstock automatic lathes

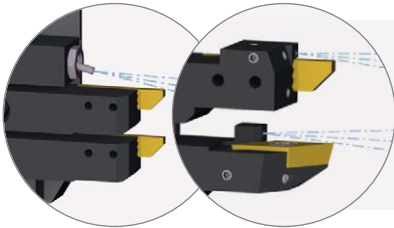
Infos et avantages

Infos und Vorteile

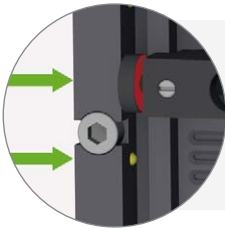
Infos and advantages



Plus d'outils disponibles
Mehr verfügbaren Werkzeuge
More available tools



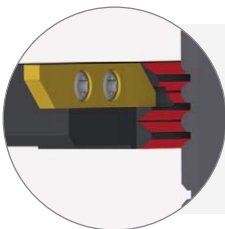
Système d'arrosage efficace
Effizientes Kühlmittelzufuhrsystem
Efficient coolant supply system



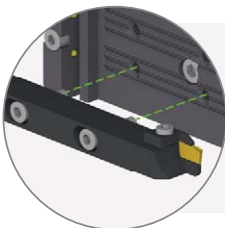
Repositionnement précis, poussée axiale automatique
Präzise Nachpositionierung, automatischer Axialschub
Precise repositioning, automatic axial thrust



Possibilité de préréglage et de réglage de la longueur des outils
Voreinstellbar auf feste oder einstellbare Länge
Presetting on fixed or adjustable length



Système de fixation robuste et rigide
Robustes und starres Spannsystem
Strong and stable clamping system



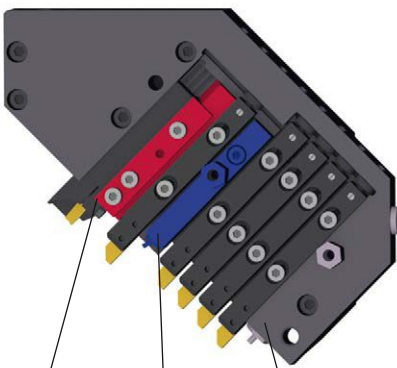
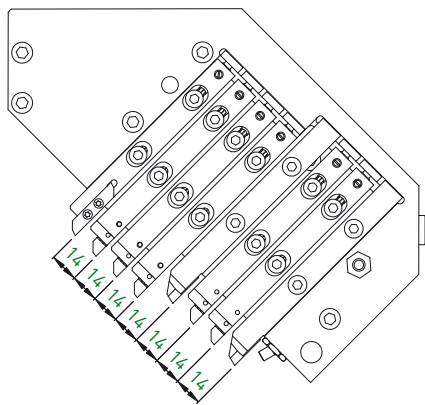
Changement d'outil simple et rapide
Einfacher und schneller Werkzeugwechsel
Easy and quick tool replacement

Citizen			
Machine Maschine Machine	Adaptations Anpassungen Adapters	Type Typ Type	Page Seite Page
C12/C16	ML12-CITIZEN-C16	ML12	14.07
L12-1M7	ML12-CITIZEN-L12-1M7		14.08
L12-2M10	ML12-CITIZEN-L12-2M10		14.09
M16V/VIII	ML12-CITIZEN-M16V/VIII		14.10
R04	ML12-CITIZEN-R04-QTF3101-3T		14.13
	ML12-CITIZEN-R04-QTF5008-4T		14.11
	ML12-CITIZEN-R04-QTF5108-4T		
R07	ML12-CITIZEN-R07-QTF4008-5T		14.14
	ML12-CITIZEN-R07-QTF4108-6T		
	ML12-CITIZEN-R07-QTF4208-3T		14.15
	ML12-CITIZEN-R07-QTF4608-4T		
K12/K16	ML16-CITIZEN-K16	ML16	14.16
L16/L20-5M1/5M7	ML16-CITIZEN-L20		14.17
L20E-1M8/L20X-1M10/ L20-2M8/2M12	ML16-CITIZEN-L20E		14.18
L20E-3M	ML16-L20E-GTF7812		14.19

Citizen C12 / C16

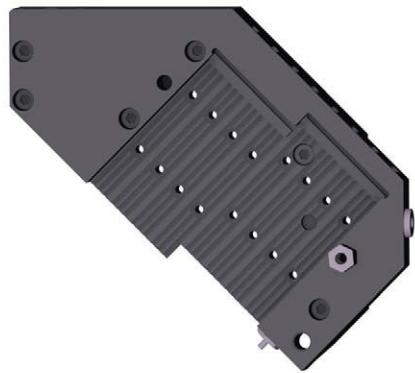
- + 2 outils (max 8)
- + 2 Werkzeuge (max 8)
- + 2 tools (max 8)

ML12



Outil 12 mm possible avec module de serrage
Werkzeug 12 mm mit Spannelement möglich
Tool 12mm possible with clamping unit

Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)



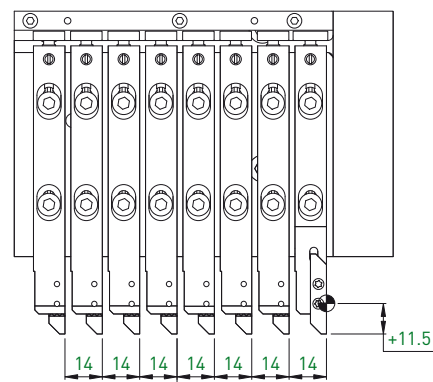
Arrosage intégré
Integrierter Kühlmittel
Integrated coolant

			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML12-CITIZEN-C16	ML12	> 14.77	ML12-FIX-12/14	ML12-JET-5/16	14.98

ML12

- + 2 outils (max 8)
- + 2 Werkzeuge (max 8)
- + 2 tools (max 8)

Citizen L12-1M7

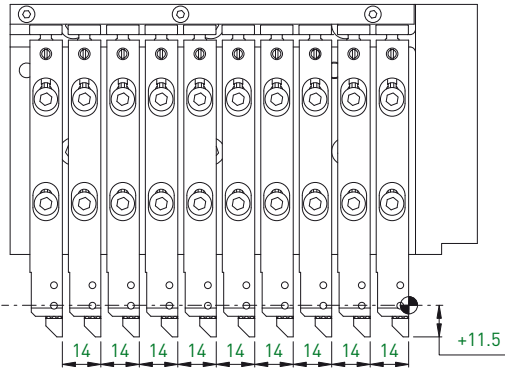


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML12-CITIZEN-L12-1M7	ML12	> 14.77	-	ML12-JET-5/16	14.98

Citizen L12-2M10

- + 3 outils (max 10)
- + 3 Werkzeuge (max 10)
- + 3 tools (max 10)

ML12

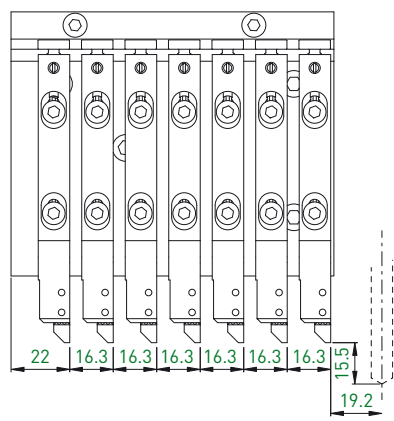


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML12-CITIZEN-L12-2M10	ML12	> 14.77	-	ML12-JET-5/16	14.98

ML12

- + 2 outils (max 7)
- + 2 Werkzeuge (max 7)
- + 2 tools (max 7)

Citizen M16 V/VIII

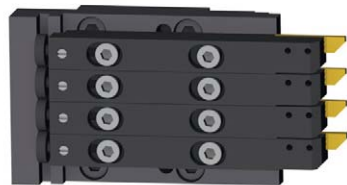
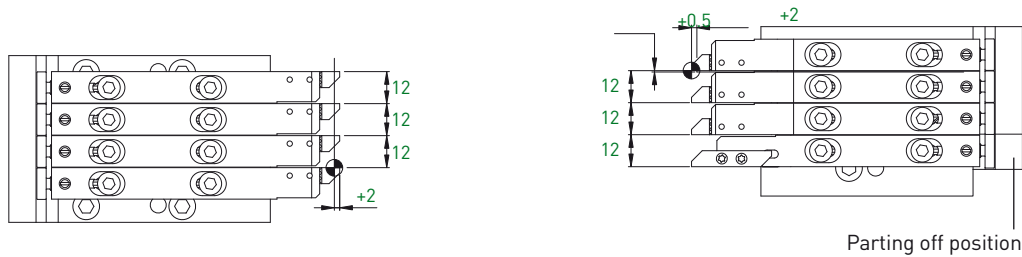


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML12-CITIZEN-M16V/VIII	ML12	> 14.77	-	ML12-JET-5/16	14.98

Citizen R04

- + 1 outil (max 8)
- + 1 Werkzeug (max 8)
- + 1 tool (max 8)

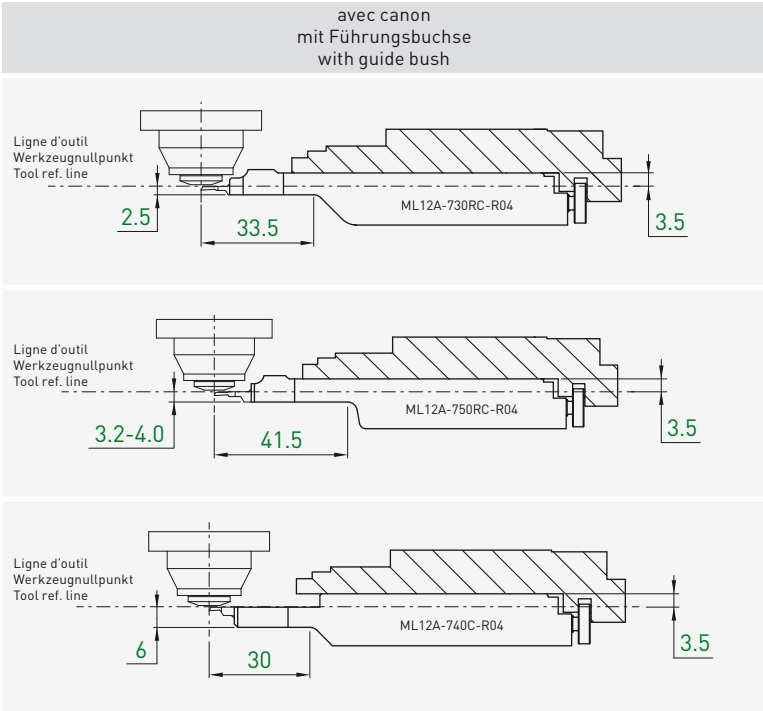
ML12



ML12-CITIZEN-R04-QTF5008-4T

ML12-CITIZEN-R04-QTF5108-4T

				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
4T	ML12-CITIZEN-R04-QTF5008-4T	ML12	> 14.77	-	ML12-JET-5/16	14.98
	ML12-CITIZEN-R04-QTF5108-4T					

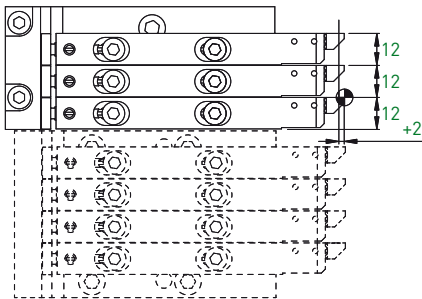


Type de machine Maschinen-Typ Type of machine	Porte-outils Halter Holders	Art. N°	Plaquettes Wendeplatten Inserts	Pages Seiten Pages
Citizen R04	ML12	ML12A-730RC-R04	731R... / 731RSF	> TOP-Line TOP-Watch
		ML12A-750RC-R04	751R... / 751RDSF	
		ML12A-740-C-R04	741 / 741SF	

Citizen R04

- + 3 outils (max 3)
- + 3 Werkzeuge (max 3)
- + 3 tools (max 3)

ML12

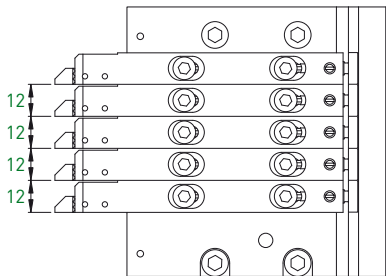
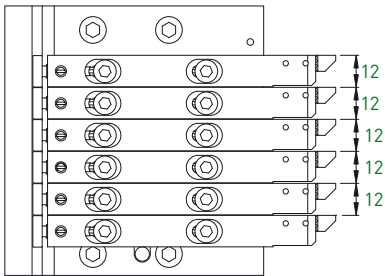


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML12-CITIZEN-R04-QTF3101-3T	ML12	> 14.77	-	ML12-JET-5/16	14.98

ML12

- + 1 outil (max 11)
- + 1 Werkzeug (max 11)
- + 1 tool (max 11)

Citizen R07



ML12-CITIZEN-R07-QTF4108-6T

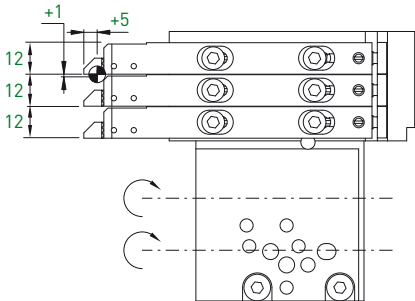
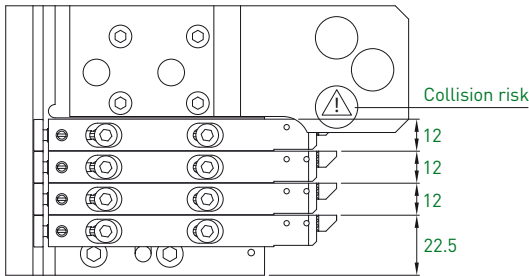
ML12-CITIZEN-R07-QTF4008-5T

				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
5T	ML12-CITIZEN-R07-QTF4008-5T	ML12	> 14.77	-	ML12-JET-5/16	14.98
6T	ML12-CITIZEN-R07-QTF4108-6T					

Citizen R07

- + 1 outil (max 7)
- + 1 Werkzeug (max 7)
- + 1 tool (max 7)

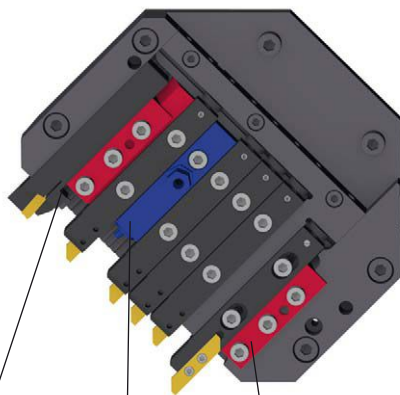
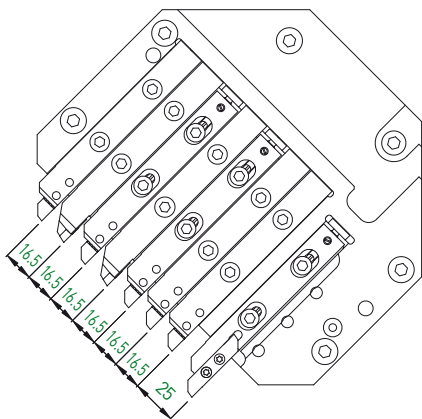
ML12



ML12-CITIZEN-R07-QTF4608-4T

ML12-CITIZEN-R07-QTF4208-3T

				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
3T	ML12-CITIZEN-R07-QTF4208-3T	ML12	> 14.77	-	ML12-JET-5/16	14.98
4T	ML12-CITIZEN-R07-QTF4608-4T					



Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)



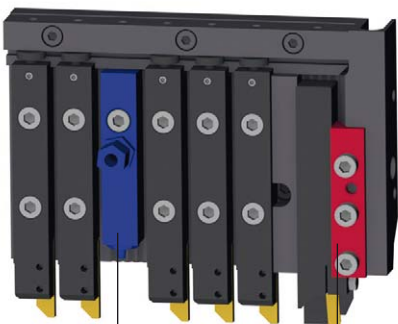
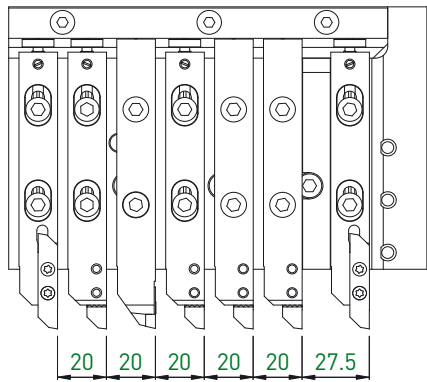
1 serrage ML16-FIX-16 pour outil $\square$ 16 mm inclus
1 Spannung ML16-FIX-16 für Werkzeug $\square$ 16 mm inbegriffen
1 clamping ML16-FIX-16 for tool $\square$ 16 mm included

			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-CITIZEN-K16	ML16	> 14.77	ML16-FIX-16/16.5	ML16-JET-7/16	14.98

Citizen L16 / L20-5M1 / 5M7

- + 1 outil (max 7)
- + 1 Werkzeug (max 7)
- + 1 tool (max 7)

ML16



Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)

- 1 serrage ML16-FIX-16 pour outil 16 mm inclus
- 1 Spannung ML16-FIX-16 für Werkzeug 16 mm inbegriffen
- 1 clamping ML16-FIX-16 for tool 16 mm included

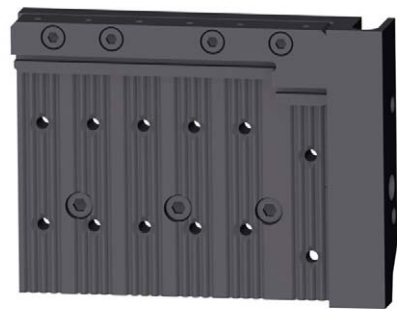
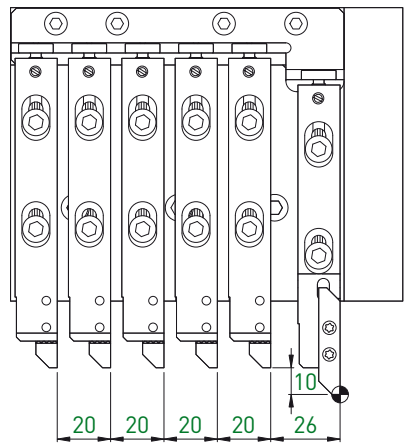


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-CITIZEN-L20	ML16	> 14.77	-	ML16-JET-7/16	14.98

ML16

- + 1 outil (max 6)
- + 1 Werkzeug (max 6)
- + 1 tool (max 6)

L20E-1M8
Citizen L20X-1M10
L20-2M8/2M12

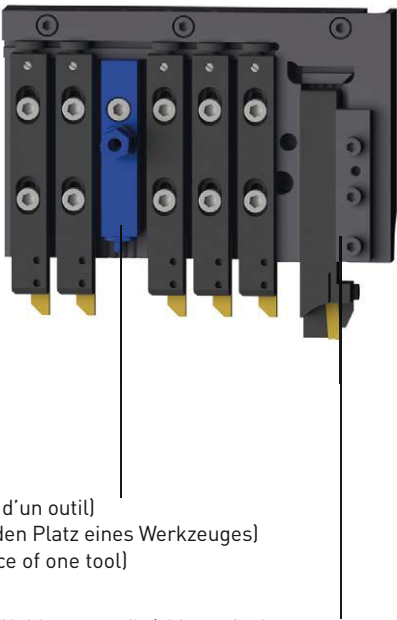
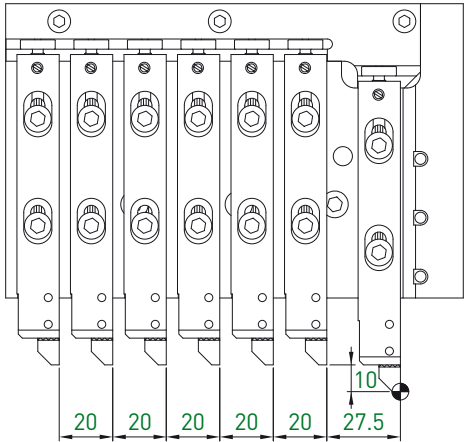


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-CITIZEN-L20E	ML16	> 14.77	-	ML16-JET-7/16	14.98

Citizen L20E-3M

- + 1 outil (max 7)
- + 1 Werkzeug (max 7)
- + 1 tool (max 7)

ML16



Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)

- 1 serrage ML16-FIX-16 pour outil $\varnothing$ 16 mm inclus
- 1 Spannung ML16-FIX-16 für Werkzeug $\varnothing$ 16 mm inbegriffen
- 1 clamping ML16-FIX-16 for tool $\varnothing$ 16 mm included



			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-L20E-GTF7812	ML16	> 14.77	-	ML16-JET-7/16	14.98

Hanwha

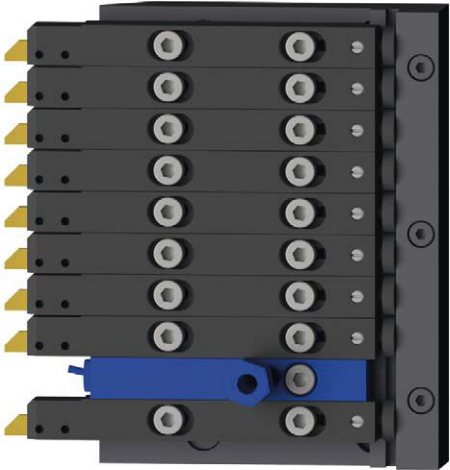
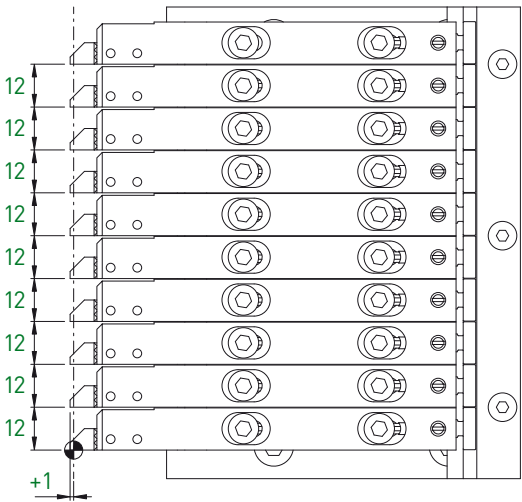
Adaptations disponibles pour les machines suivantes
Verfügbare Anpassungen für folgende Maschinen
Available adapters for the following machines

Hanwha			
Machine Maschine Machine	Adaptations Anpassungen Adapters	Type Typ Type	Page Seite Page
XD10	ML12-HANWHA-XD10	ML12	14.21
XD20M	ML12-HANWHA-XD20M		14.22
SL12/16	ML16-HANWHA-SL12/16	ML16	14.23

Hanwha XD10

- + 4 outils (max 10)
- + 4 Werkzeuge (max 10)
- + 4 tools (max 10)

ML12

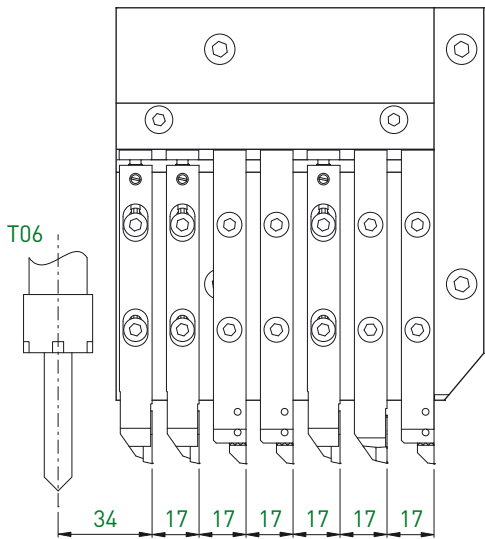


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML12-HANWHA-XD10	ML12	> 14.77	-	ML12-JET-5/16	14.98

ML12

- + 2 outils (max 7)
- + 2 Werkzeuge (max 7)
- + 2 tools (max 7)

Hanwha XD20M

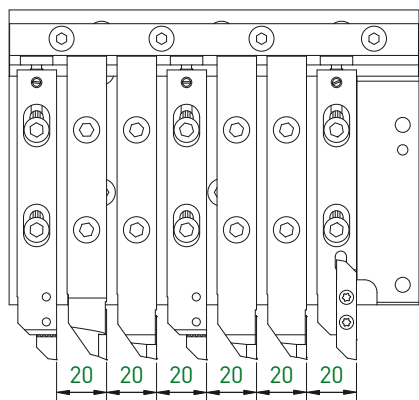


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML12-HANWHA-XD20M	ML12	> 14.77	-	ML12-JET-5/16	14.98

Hanwha SL12 / 16

- + 1 outil (max 7)
- + 1 Werkzeug (max 7)
- + 1 tool (max 7)

ML16

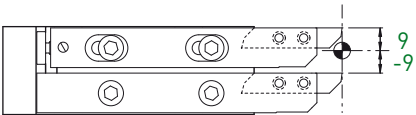
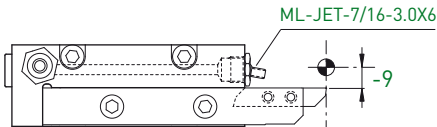
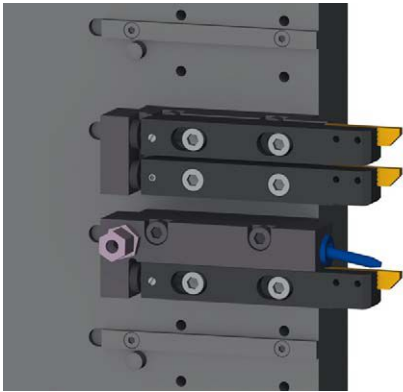


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-HANWHA-SL12/16	ML16	> 14.77	-	ML16-JET-7/16	14.98

Manurhin

Adaptations disponibles pour les machines suivantes
Verfügbare Anpassungen für folgende Maschinen
Available adapters for the following machines

Manurhin			
Machine Maschine Machine	Adaptations Anpassungen Adapters	Type Typ Type	Page Seite Page
KMX 426/526/626/ Swingg 20-26 MM	ML16-KMX26-JET	ML16	14.25
	ML16-KMX26-DUO		



JET



DUO

				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
JET	ML16-KMX26-JET	ML16	> 14.77	-	ML-JET-7/16...	14.98
DUO	ML16-KMX26-DUO				ML16-JET-7/16	

Metafil

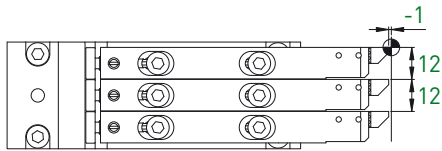
Adaptations disponibles pour les machines suivantes
Verfügbare Anpassungen für folgende Maschinen
Available adapters for the following machines

Metafil			
Machine Maschine Machine	Adaptations Anpassungen Adapters	Type Typ Type	Page Seite Page
D3/D10/D13	ML12-D10-3T	ML12	14.27

D3
Metafil D10
D13

+ 1 outil (max 3)
+ 1 Werkzeug (max 3)
+ 1 tool (max 3)

ML12



			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML12-D10-3T	ML12	> 14.77	-	ML12-JET-5/16	14.98

Star

Adaptations disponibles pour les machines suivantes

Verfügbare Anpassungen für folgende Maschinen

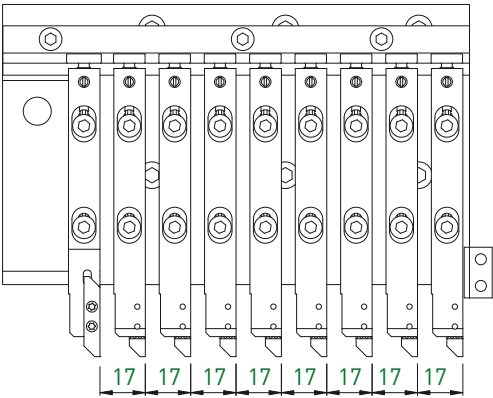
Available adapters for the following machines

Star			
Machine Maschine Machine	Adaptations Anpassungen Adapters	Type Typ Type	Page Seite Page
SB-12RG	ML12-STAR-SB-12RG	ML12	14.29
SL7/10	ML12-STAR-SL7/10		14.30
SR-10J	ML12-STAR-SR-10J		14.31
SW-12RII	ML12-STAR-SW-12RII-2T		14.32
	ML12-STAR-SW-12RII-8T		
SA-12/SA-16/SA-16R	ML16-STAR-SA-16	ML16	14.33
SB-16	ML16-STAR-SB-16		14.34
SB-16/20RG	ML16-STAR-SB-16/20RG		14.35
SB-20C/E	ML16-STAR-SB-20C/E		14.36
SR-16R/SR-20R/SR-20RII	ML16-STAR-SR-20R		14.37
SR-20J/SR-20RIII	ML16-STAR-SR-20J		14.38
	ML16-STAR-SR-20RIII		
SR-20JII-A/B	ML16-STAR-SR-20JII-A/B		14.39
SR-20RIV	ML16-STAR-SR-20RIV-2T		14.40
	ML16-STAR-SR-20RIV-6T		
SR-32J	ML16-STAR-SR-32J		14.41
SV-12/20	ML16-STAR-SV-12/20		14.42
SV-20R	ML16-STAR-SV-20R		14.43
SW-20	ML16-STAR-SW-20-2T		14.44
	ML16-STAR-SW-20-6T		

Star SB-12RG

- + 2 outils (max 9)
- + 2 Werkzeuge (max 9)
- + 2 tools (max 9)

ML12

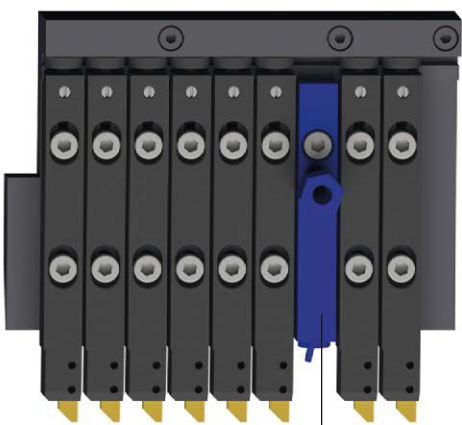
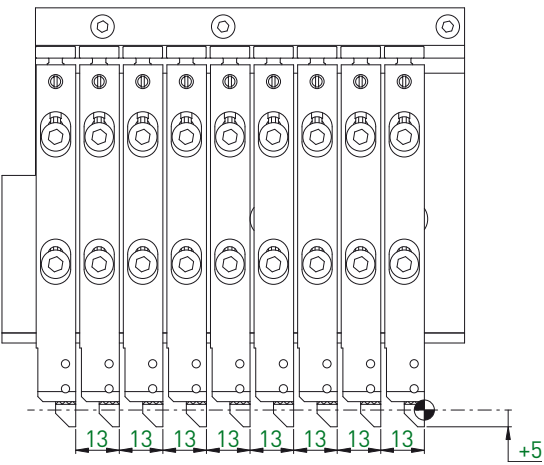


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML12-STAR-SB-12RG	ML12	> 14.77	-	ML12-JET-5/16	14.98

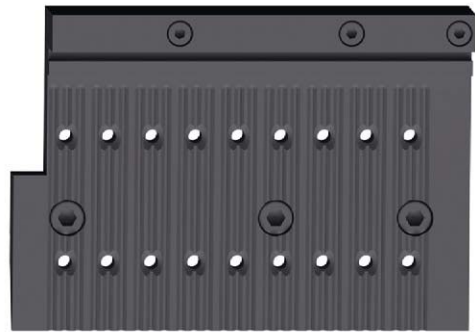
ML12

- + 3 outils (max 9)
- + 3 Werkzeuge (max 9)
- + 3 tools (max 9)

Star SL7/10



Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)

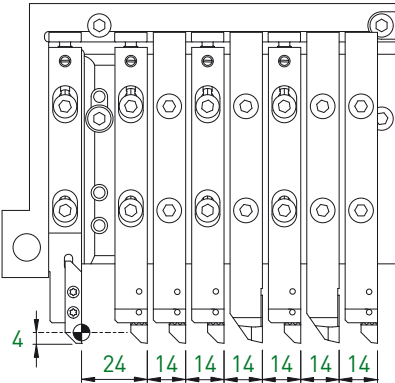


				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
9T	ML12-STAR-SL7/10	ML12	> 14.77	-	ML12-JET-5/16	14.98

Star SR-10J

- + 2 outils (max 8)
- + 2 Werkzeuge (max 8)
- + 2 tools (max 8)

ML12



- 1 serrage ML12-FIX-12 pour outil 12 mm inclus
- 1 Spannung ML12-FIX-12 für Werkzeug 12 mm inbegriffen
- 1 clamping ML12-FIX-12 for tool 12 mm included

Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)

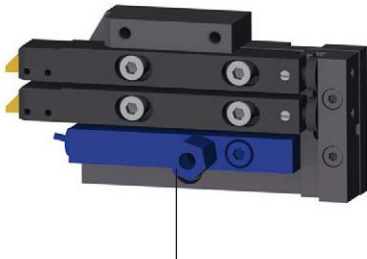
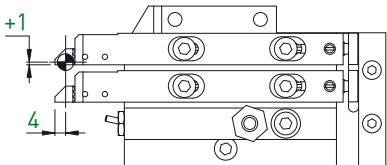
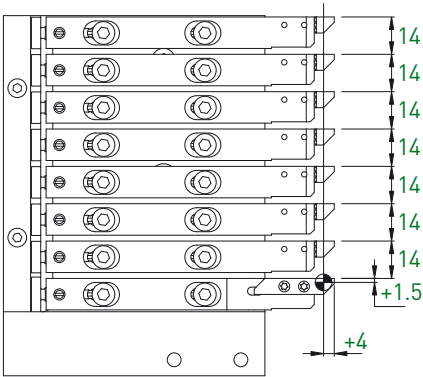


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML12-STAR-SR-10J	ML12	> 14.77	ML12-FIX-12/14	ML12-JET-5/16	14.98

ML12

+ 2 outils (max 10)
+ 2 Werkzeuge (max 10)
+ 2 tools (max 10)

Star SW-12RII



Position uniquement utilisable avec module d'arrosage, en option
Position nur mit Kühlmittelzufuhrelement verwendbar, optional
Position only with coolant supply unit usable, optional



ML12-STAR-SW-12RII-8T



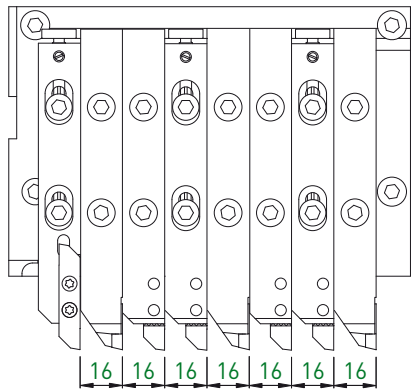
ML12-STAR-SW-12RII-2T

				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
2T	ML12-STAR-SW-12RII-2T	ML12	> 14.77	-	ML12-JET-5/16	14.98
8T	ML12-STAR-SW-12RII-8T					

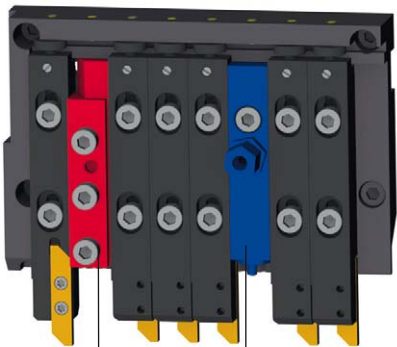
Star SA-12
SA-16
SA-16R

+ 2 outils (max 8)
+ 2 Werkzeuge (max 8)
+ 2 tools (max 8)

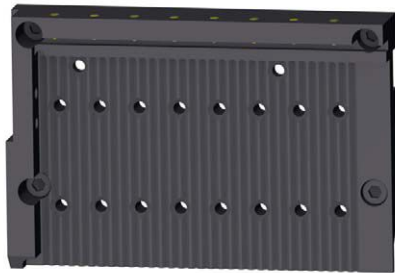
ML16



Outil 16 mm possible avec module de serrage
Werkzeug 16 mm mit Spannelement möglich
Tool 16 mm possible with clamping unit



Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)

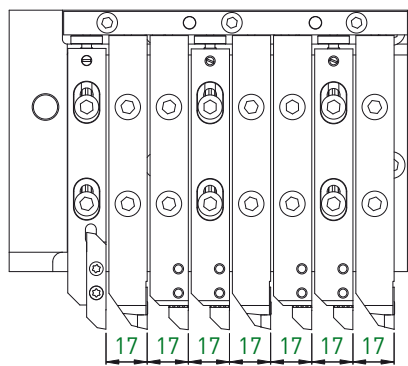


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SA-16	ML16	> 14.77	ML16-FIX-16/16	ML16-JET-7/16	14.98

ML16

+ 3 outils (max 8)
+ 3 Werkzeuge (max 8)
+ 3 tools (max 8)

Star SB-16



Outil 17 mm possible avec module de serrage
Werkzeug 17 mm mit Spannelement möglich
Tool 17 mm possible with clamping unit

Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)

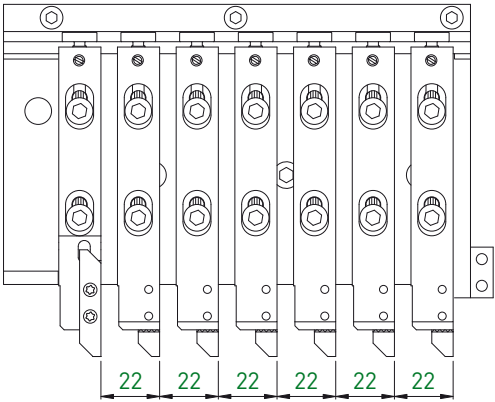


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SB-16	ML16	> 14.77	ML16-FIX-16/17	ML16-JET-7/16	14.98

Star SB-16/20RG

- + 1 outil (max 7)
- + 1 Werkzeug (max 7)
- + 1 tool (max 7)

ML16



Outil 16 mm possible avec module de serrage
 Werkzeug 16 mm mit Spannelement möglich
 Tool 16 mm possible with clamping unit

Module d'arrosage (prend la place d'un outil)
 Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
 Coolant supply unit (takes the place of one tool)

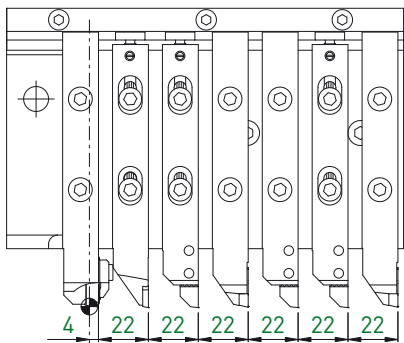


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SB-16/20RG	ML16	> 14.77	ML16-FIX-16/22	ML16-JET-7/16	14.98

ML16

- + 1 outil (max 7)
- + 1 Werkzeug (max 7)
- + 1 tool (max 7)

Star SB-20C/E



Outil 16 mm possible avec module de serrage
Werkzeug 16 mm mit Spannelement möglich
Tool 16 mm possible with clamping unit

Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)

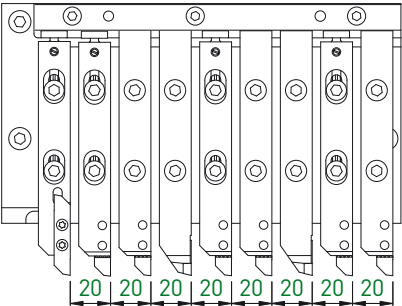


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SB-20C/E	ML16	> 14.77	ML16-FIX-16/22	ML16-JET-7/16	14.98

Star SR-16R
SR-20R
SR-20RII

+ 3 outils (max 9)
+ 3 Werkzeuge (max 9)
+ 3 tools (max 9)

ML16



Outil 16 mm possible avec module de serrage
Werkzeug 16 mm mit Spannelement möglich
Tool 16 mm possible with clamping unit

Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)

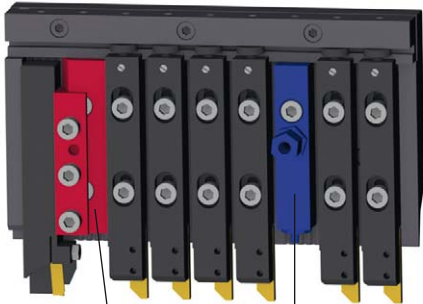
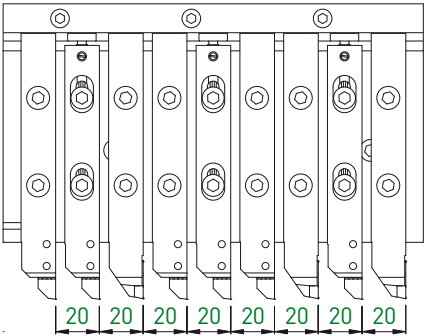


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SR-20R	ML16	> 14.77	ML16-FIX-16/20	ML16-JET-7/16	14.98

ML16

+ 3 outils (max 9)
+ 3 Werkzeuge (max 9)
+ 3 tools (max 9)

Star SR-20RIII
SR-20J



Outil 16 mm possible avec module de serrage
Werkzeug 16 mm mit Spannelement möglich
Tool 16 mm possible with clamping unit

Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)

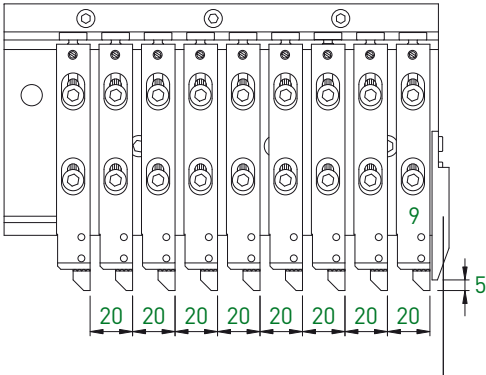


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SR-20RIII	ML16	> 14.77	ML16-FIX-16/20	ML16-JET-7/16	14.98
ML16-STAR-SR-20J					

Star SR20JII type A/B

- + 3 outils (max 9)
- + 3 Werkzeuge (max 9)
- + 3 tools (max 9)

ML16



Risque de collision avec outil n° 9
Kollisionsrisiko mit Werkzeug Nr. 9
Collision risk with tool no. 9

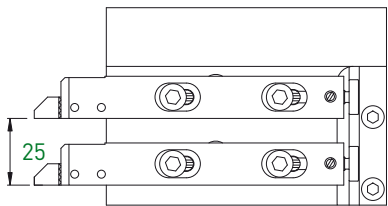
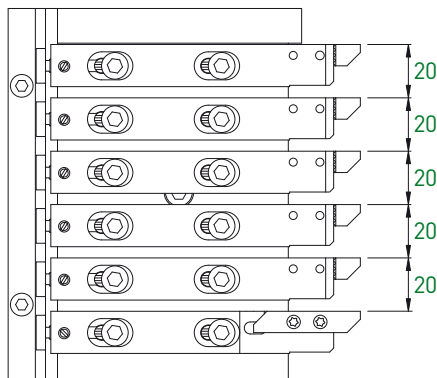


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SR-20JII-A/B	ML16	> 14.77	ML16-FIX-16/20	ML16-JET-7/16	14.98

ML16

- + 1 outil (max 8)
- + 1 Werkzeug (max 8)
- + 1 tool (max 8)

Star SR-20RIV



ML16-STAR-SR-20RIV-6T

ML16-STAR-SR-20RIV-2T

				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
2T	ML16-STAR-SR-20RIV-2T	ML16	> 14.77	-	ML16-JET-7/16	14.98
6T	ML16-STAR-SR-20RIV-6T					

Star SR-32J

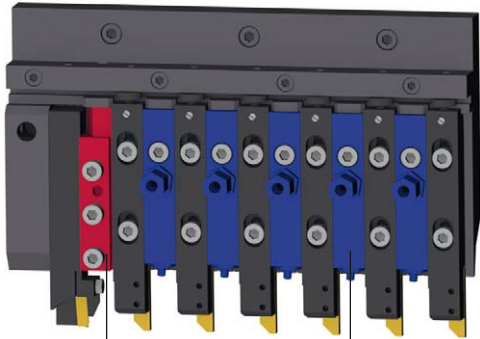
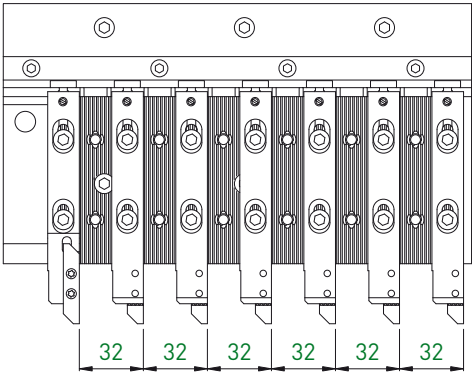
Ø max
32 mm

- + 1 outil (max 7)
- + 1 Werkzeug (max 7)
- + 1 tool (max 7)

Ø max
16 mm

- + 7 outils (max 13)
- + 7 Werkzeuge (max 13)
- + 7 tools (max 13)

ML16



Outil 16 mm possible avec module de serrage
Werkzeug 16 mm mit Spannelement möglich
Tool 16 mm possible with clamping unit

Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)

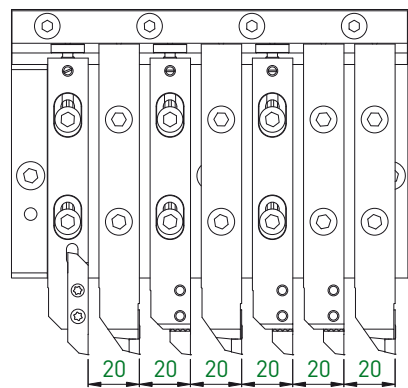


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SR-32J	ML16	> 14.77	ML16-FIX-16/16	ML16-JET-7/16	14.98

ML16

+ 2 outils (max 7)
+ 2 Werkzeuge (max 7)
+ 2 tools (max 7)

Star SV-12 / 20



Outil 16 mm possible avec module de serrage
Werkzeug 16 mm mit Spannelement möglich
Tool 16 mm possible with clamping unit

Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)

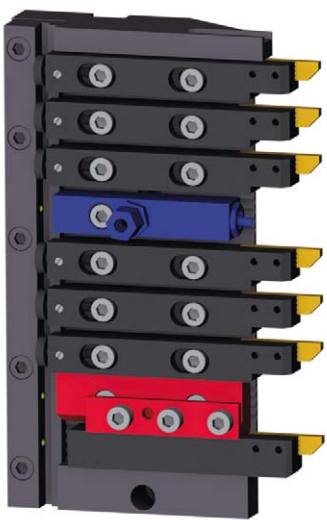
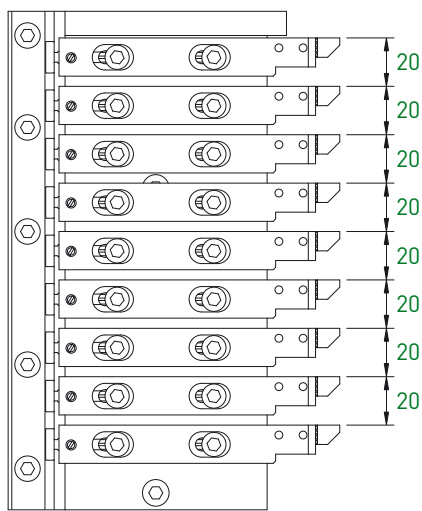


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SV-12/20	ML16	> 14.77	ML16-FIX-16/20	ML16-JET-7/16	14.98

Star SV-20R

- + 2 outils (max 9)
- + 2 Werkzeuge (max 9)
- + 2 tools (max 9)

ML16

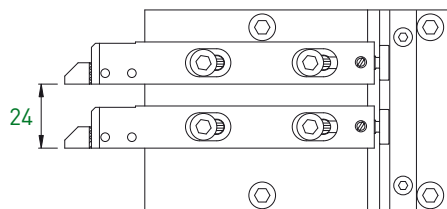
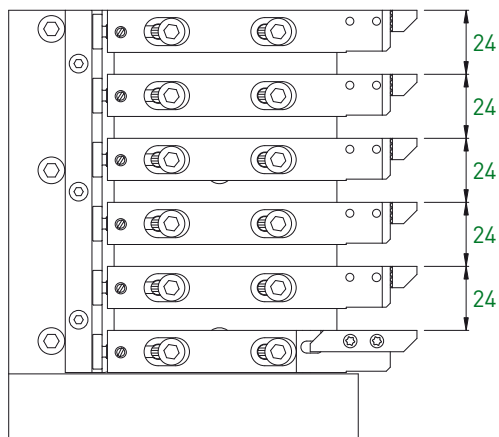


			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Holder Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SV-20R	ML16	> 14.77	ML16-FIX-16/20	ML16-JET-7/16	14.98

ML16

- + 1 outil (max 8)
- + 1 Werkzeug (max 8)
- + 1 tool (max 8)

Star SW-20



ML16-STAR-SW-20-6T



ML16-STAR-SW-20-2T

Star SW-20

- + 1 outil (max 8)
- + 1 Werkzeug (max 8)
- + 1 tool (max 8)

ML16



ML16-STAR-SW-20-6T



ML16-STAR-SW-20-2T

				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
2T	ML16-STAR-SW-20-2T	ML16	> 62	-	ML16-JET-7/16	14.98
6T	ML16-STAR-SW-20-6T			ML16-FIX-16/24		

Tornos

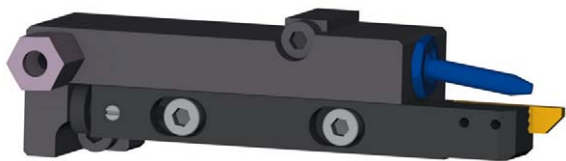
Adaptations disponibles pour les machines suivantes

Verfügbare Anpassungen für folgende Maschinen

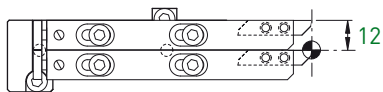
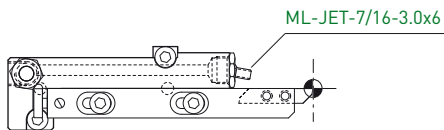
Available adapters for the following machines

Tornos			
Machine Maschine Machine	Adaptations Anpassungen Adapters	Type Typ Type	Page Seite Page
DEC07/10 - EvoDECO 10	ML12-DECO10-DUO	ML12	14.47
	ML12-DECO10-JET		
SWISS-NANO /SWISS-NANO 7	ML12-SWISS-NANO-2T		14.50
	ML12-SWISS-NANO-3T		
	ML12-SWISS-NANO-6T		
SWISS-NANO 7	ML12-SWISS-NANO-7-4T		14.48
DT13	ML-DT13-2052104-9T		14.51
	ML12-DT13-2020206-9T		14.52
CT20	ML12-CT20-2020019-7T		14.53
GT13	ML12-GT13-389104-3T		14.54
	ML12-GT13-390224-5T		
	ML12-GT13-390223-7T		
GT26	ML16-GT26-386210-5T	ML16	14.56
	ML16-GT26-386209-6T		14.58
GT32	ML16-GT32-389210-4T		
	ML16-GT32-389209-5T		
DEC013- EvoDECO16	ML16-DEC013-DUO		14.60
	ML16-DEC013-JET		
DEC020/26 - EvoDECO20/32	ML16-DEC020-DUO		14.61
	ML16-DEC020-JET		
SIGMA20/32	ML16-S20-DUO		14.62
	ML16-S20-JET		
SWISS ST26	ML16-SWISS-ST26-DUO		14.63
	ML16-SWISS-ST26-JET		
DT26	ML16-DT26-2020206-7T		14.64
	ML16-DT26-2052096-5T		14.65

JET



DUO



JET



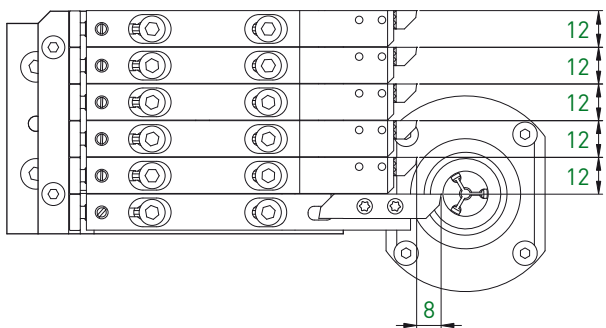
DUO

				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
JET	ML12-DEC010-JET	ML12	> 14.77	-	ML-JET-7/16...	14.98
DUO	ML12-DEC010-DUO				ML12-JET-5/16	

ML12

- + 2 outils (max 6)
- + 2 Werkzeuge (max 6)
- + 2 tools (max 6)

Tornos SwissNano
SwissNano 7



6T

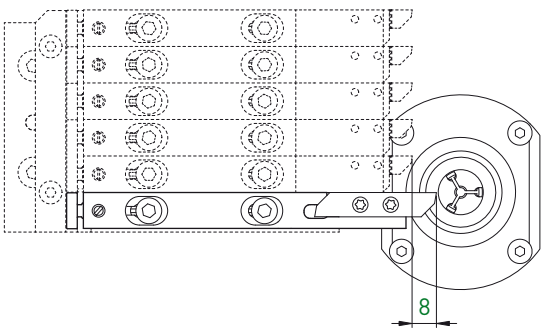


6T

				Accessoires Zubehöre Accessories		
Type Type Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
6T	ML12-SWISS-NANO-6T	ML12	> 14.77	-	ML12-JET-5/16	14.98

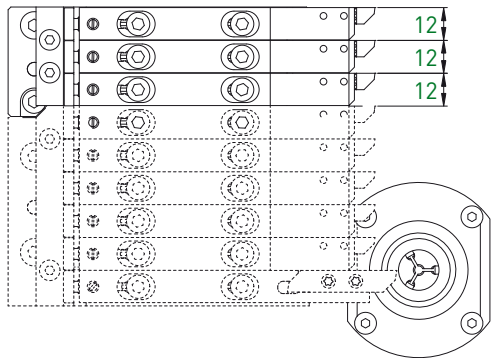
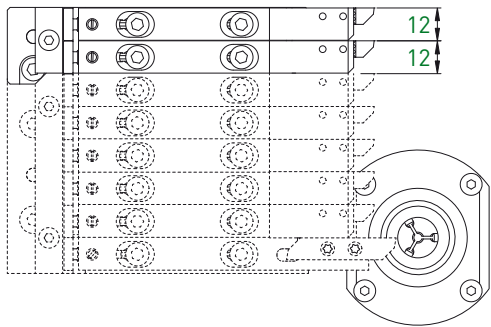
ML12

Tornos SwissNano
SwissNano 7

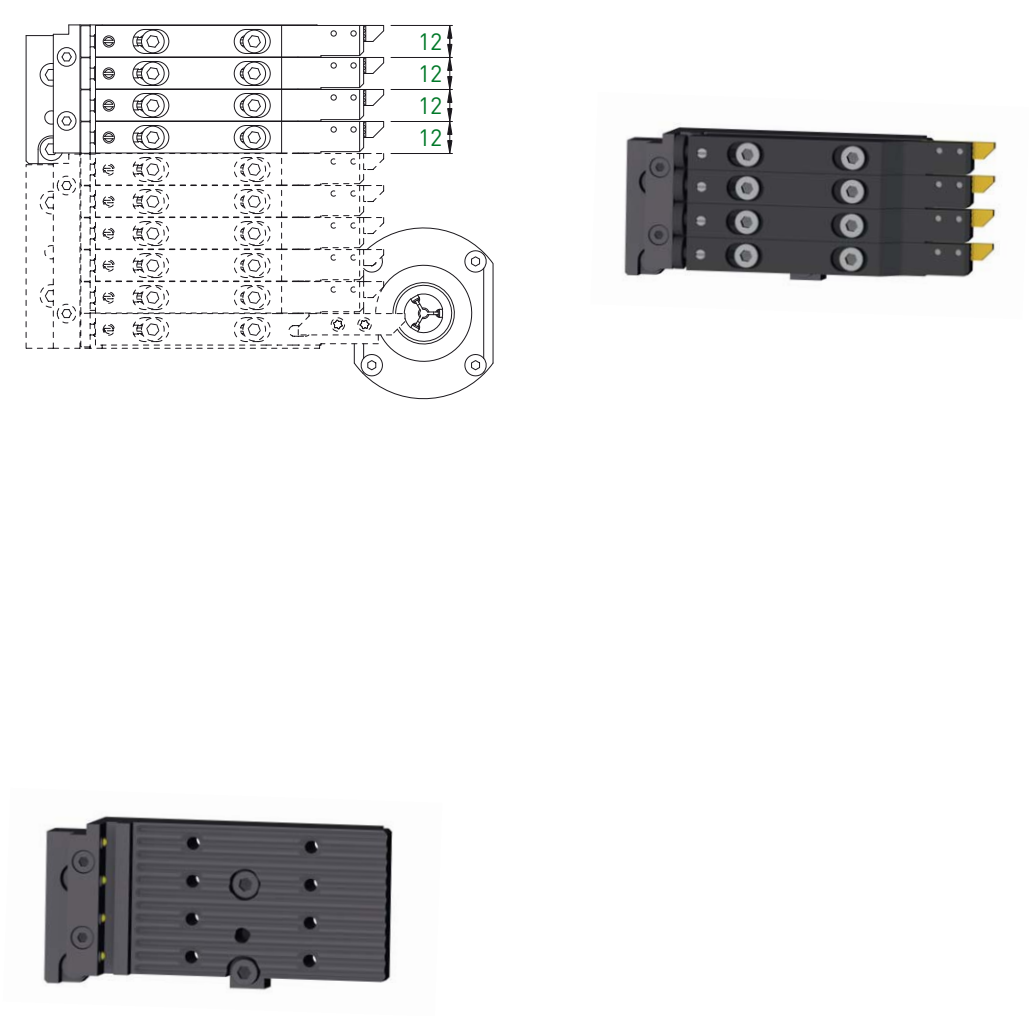


avec canon mit Führungsbuchse with guide bush	avec pince mit Spannzange with collet
ML12A-730RC-Swiss-Nano Ligne d'outil Werkzeugnullpunkt Tool ref. line	
ML12A-750RC-Swiss-Nano Ligne d'outil Werkzeugnullpunkt Tool ref. line	
ML12A-740-C-Swiss-Nano Ligne d'outil Werkzeugnullpunkt Tool ref. line	
ML12A-770RC-Swiss-Nano Ligne d'outil Werkzeugnullpunkt Tool ref. line	

Type de machine Maschinen-Typ Type of machine	Porte-outils Halter Holders	Art. N°	Plaquettes Wendeplatten Inserts	Pages Seiten Pages
SwissNano	ML12	ML12A-730RC-SWISS-NANO	731R... / 731RSF	> TOP-Line TOP-Watch
		ML12A-750RC-SWISS-NANO	751R... / 751RDSF	
		ML12A-740-C-SWISS-NANO	741... / 741SF	
		ML12A-770RC-SWISS-NANO	771R...	> TOP-Line



				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
2T	ML12-SWISS-NANO-2T	ML12	> 14.77	-	ML12-JET-5/16	14.98
3T	ML12-SWISS-NANO-3T					

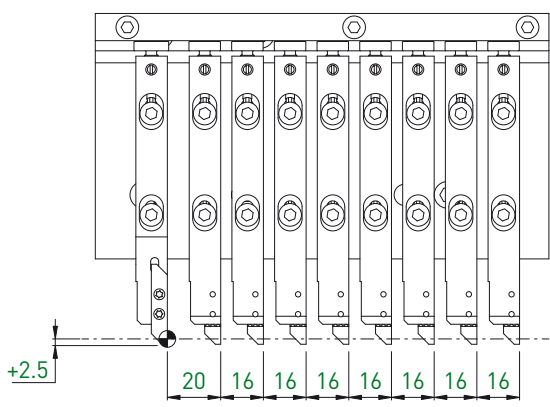


				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
4T	ML12-SWISS-NANO-7-4T	ML12	> 14.77	-	ML12-JET-5/16	14.98

ML12

- + 3 outils (max 9)
- + 3 Werkzeuge (max 9)
- + 3 tools (max 9)

Tornos DT 13
DT 13 (S-HP)

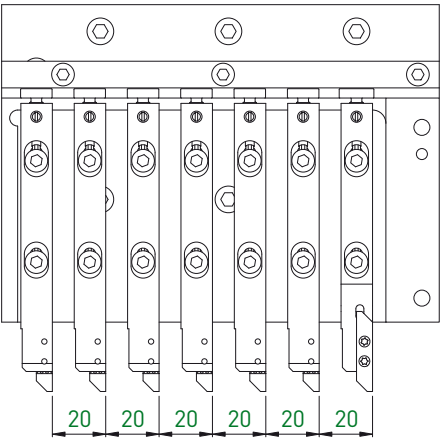


				Accessoires Zubehöre Accessories			
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page	Type machine Maschinentyp Machine type
9T	ML12-DT13-2020206-9T	ML12	> 14.77	-	ML12-JET-5/16	14.98	DT 13
9T	ML12-DT13-2052104-9T	ML12	> 14.77	-	ML12-JET-5/16	14.98	DT 13 (S-HP)

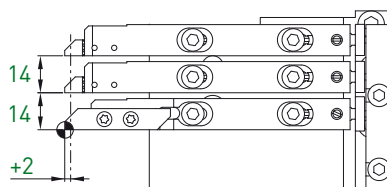
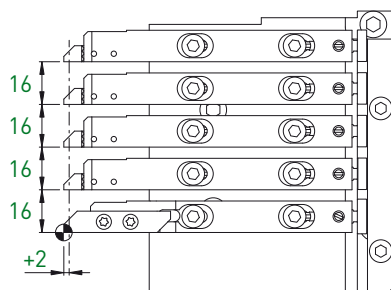
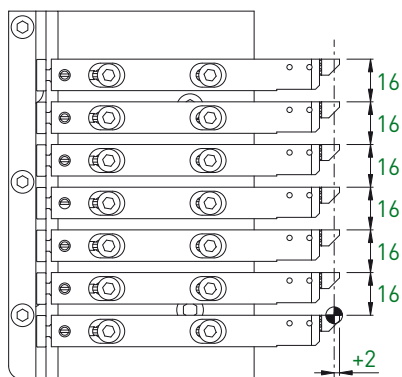
Tornos CT 20

- + 1 outil (max 7)
- + 1 Werkzeug (max 7)
- + 1 tool (max 7)

ML12



				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
7T	ML12-CT20-2020019-7T	ML12	> 14.77	-	ML12-JET-5/16	14.98





ML12-GT13-390223-7T

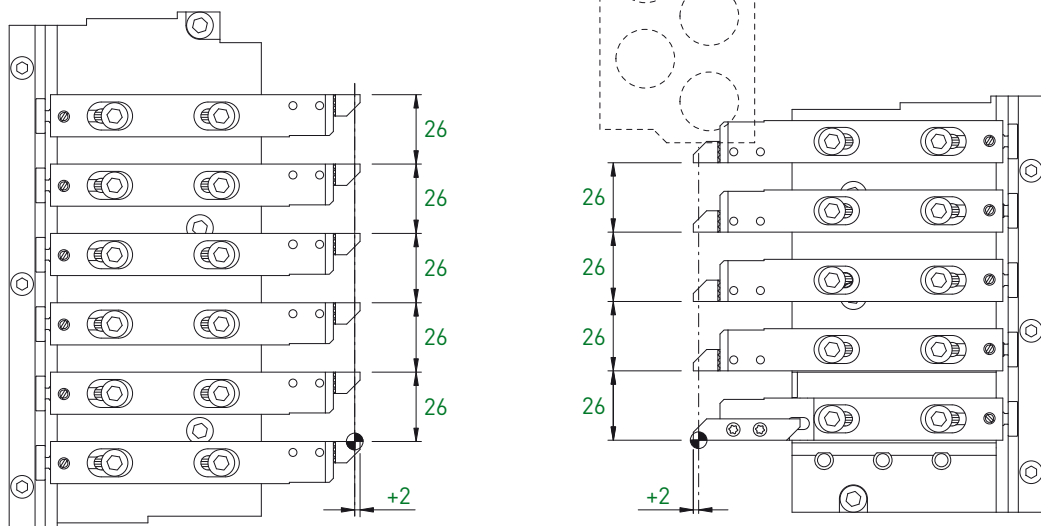


ML12-GT13-390224-5T



ML12-GT13-389104-3T

				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
3T	ML12-GT13-389104-3T	ML12	> 14.77	-	ML12-JET-5/16	14.98
5T	ML12-GT13-390224-5T					
7T	ML12-GT13-390223-7T					



1 serrage ML16-FIX-16 pour outil $\varnothing$ 16 mm inclus
1 Spannung ML16-FIX-16 für Werkzeug $\varnothing$ 16 mm inbegriffen
1 clamping ML16-FIX-16 for tool $\varnothing$ 16 mm included

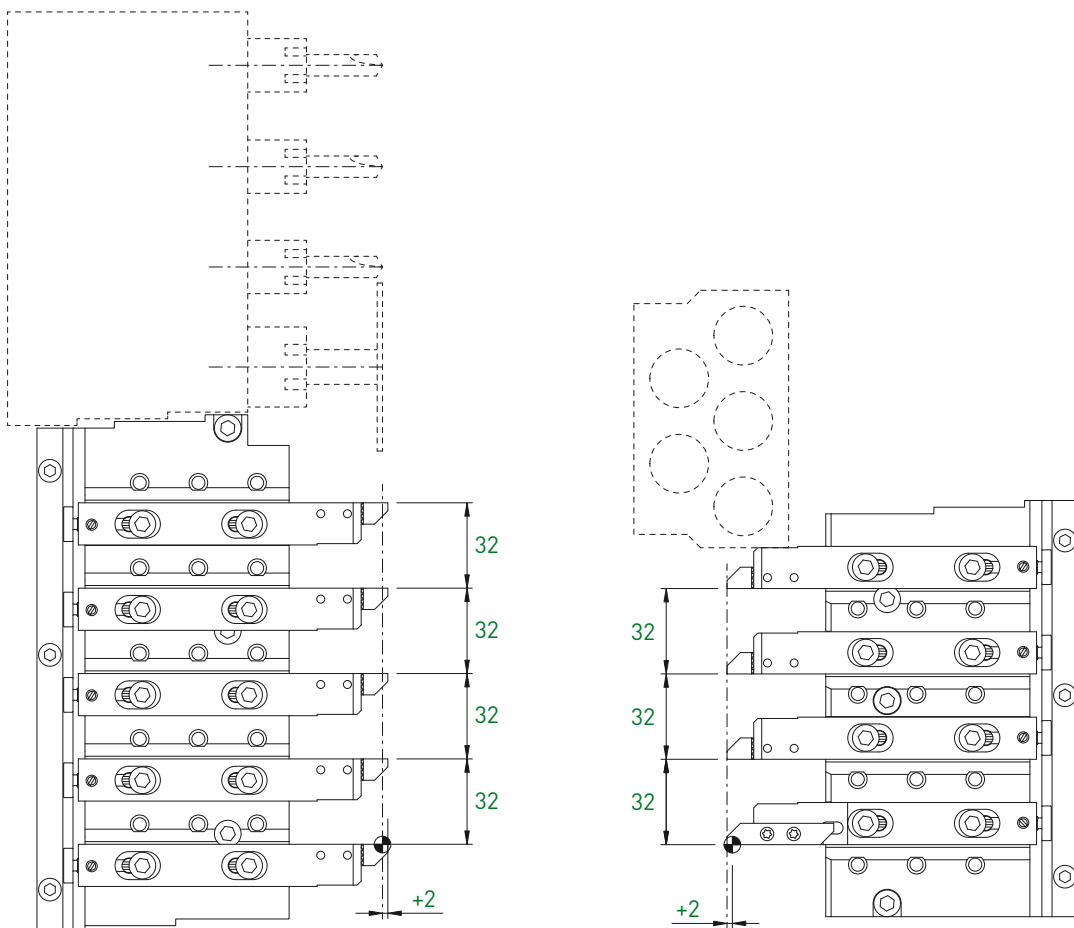


ML16-GT26-386209-6T

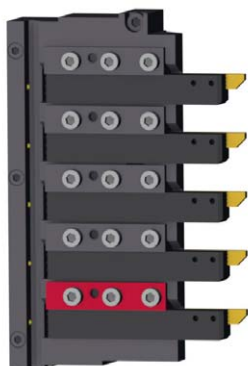


ML16-GT26-386210-5T

				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
5T	ML16-GT26-386210-5T	ML16	> 14.77	-	ML16-JET-7/16	14.98
6T	ML16-GT26-386209-6T					



Holder ML16



Holder 16



Holder ML16



Holder 16

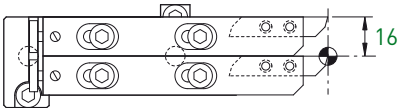
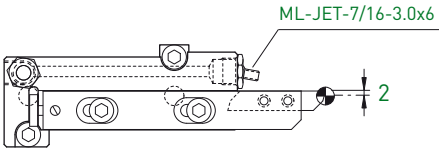


ML16-GT32-386209-5T



ML16-GT32-386210-4T

				Accessoires Zubehöre Accessories			
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit		Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Pages Seiten Pages
4T	ML16-GT32-386210-4T	ML16	> 14.77	1x inclus 1x inbegriffen 1x included	Option ML16-FIX-16	ML16-JET-7/16	14.98
5T	ML16-GT32-386209-5T						



JET



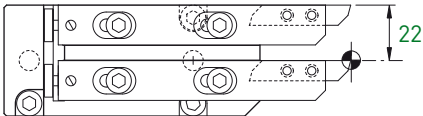
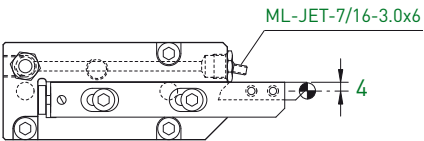
DUO

				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
JET	ML16-DEC013-JET	ML16	> 14.77	-	ML-JET-7/16...	14.98
DUO	ML16-DEC013-DUO				ML16-JET-7/16	14.98

JET



DUO



JET



DUO

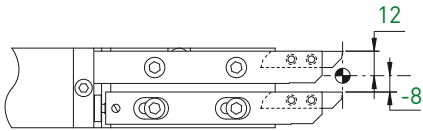
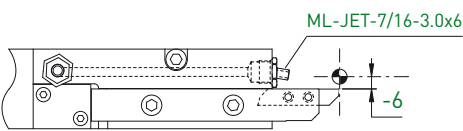


				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
JET	ML16-DEC020-JET	ML16	> 14.77	-	ML-JET-7/16...	14.98
DUO	ML16-DEC020-DUO				ML16-JET-7/16	14.98

JET



DUO

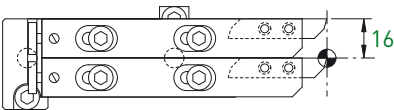
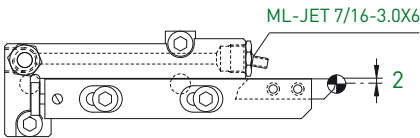
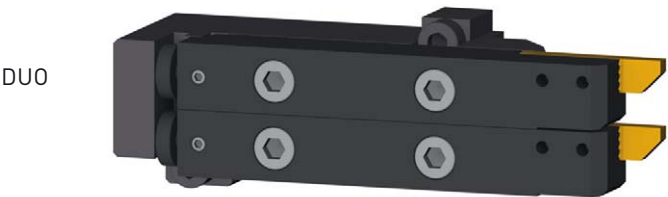


JET



DUO

				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
JET	ML16-S20-JET	ML16	> 14.77	-	ML-JET-7/16...	14.98
DUO	ML16-S20-DUO				ML16-JET-7/16	14.98



JET



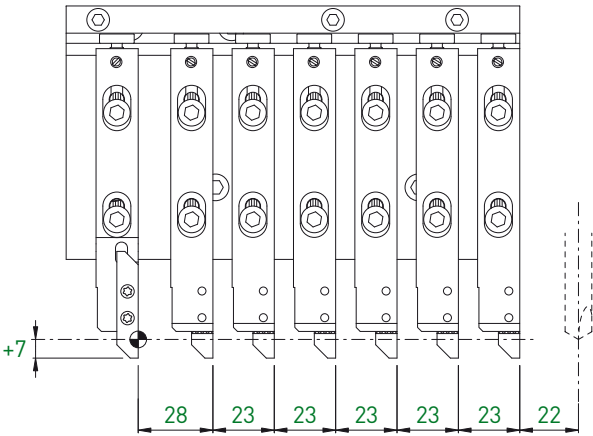
DUO

				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
JET	ML16-SWISS-ST26-JET	ML16	> 14.77	-	ML-JET-7/16...	14.98
DUO	ML16-SWISS-ST26-DUO				ML16-JET-7/16	14.98

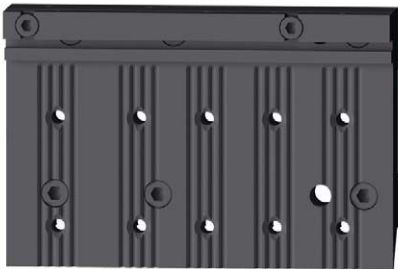
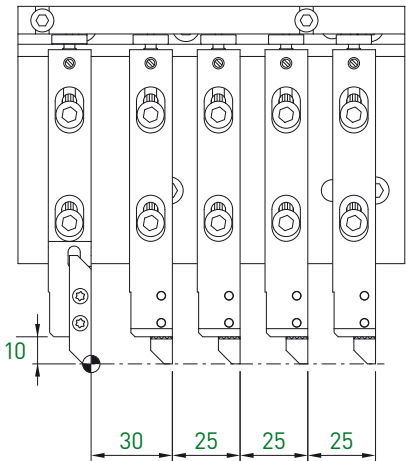
ML16

- + 1 outil (max 7)
- + 1 Werkzeug (max 7)
- + 1 tool (max 7)

Tornos DT 26



				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
7T	ML16-DT26-2020206-7T	ML16	> 14.77	-	ML16-JET-7/16	14.98



Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories		
				Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
5T	ML16-DT26-2052096-5T	ML16	> 14.77	-	ML16-JET-7/16	14.98

Tsugami

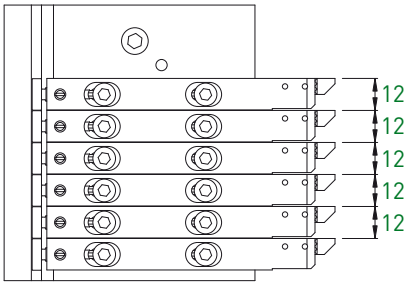
Adaptations disponibles pour les machines suivantes
Verfügbare Anpassungen für folgende Maschinen
Available adapters for the following machines

Tsugami			
Machine Machine Machine	Adaptations Anpassungen Adapters	Type Typ Type	Page Seite Page
B074	ML12-B074-1-6T	ML12	14.67
B075	ML12-B075-1-8T		14.68
P034	ML12-P034-1-5T		14.69
	ML12-P034-1-7T		14.70
	ML12-P034-2-4T		14.69
	ML12-P034-2-10T		14.70
P034-P036	0400-ML12-R0000C-3T		14.72
	0400-ML12-R0000C-5T		14.73

Tsugami B074

- + 3 outils (max 6)
- + 3 Werkzeuge (max 6)
- + 3 tools (max 6)

ML12

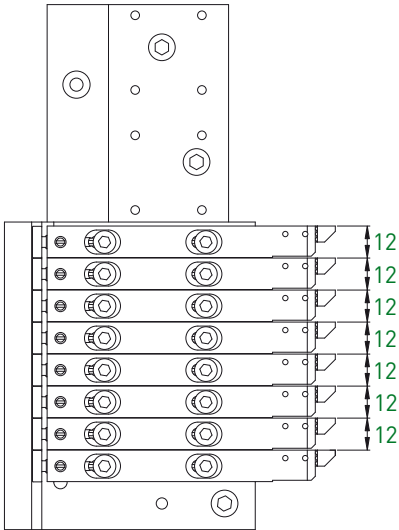


				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelfzufuhrelement Coolant supply unit	Page Seite Page
6T	ML12-B074-1-6T	ML12	> 14.77	-	ML12-JET-5/16	14.98

ML12

- + 5 outils (max 8)
- + 5 Werkzeuge (max 8)
- + 5 tools (max 8)

Tsugami B075

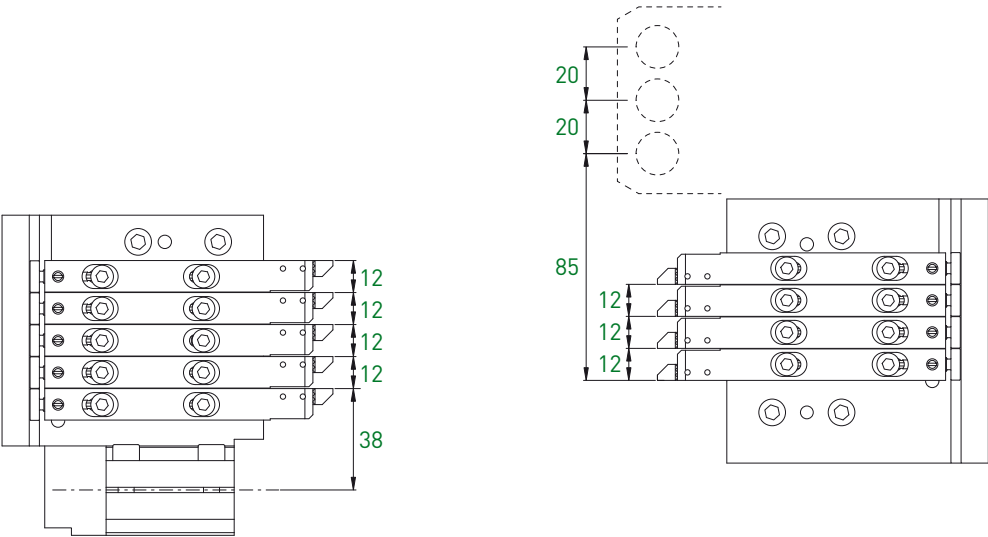


				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
8T	ML12-B075-1-8T	ML12	> 14.77	-	ML12-JET-5/16	14.98

Tsugami P034

- + 3 outils (max 9)
- + 3 Werkzeuge (max 9)
- + 3 tools (max 9)

ML12



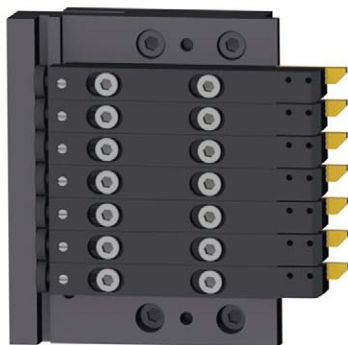
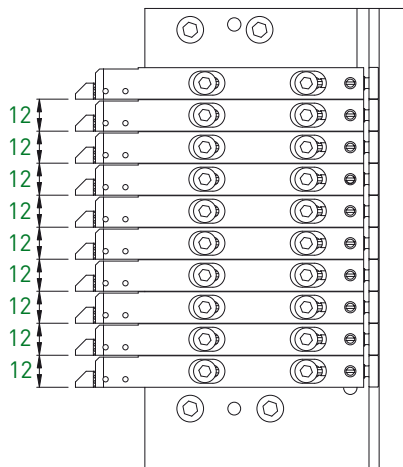
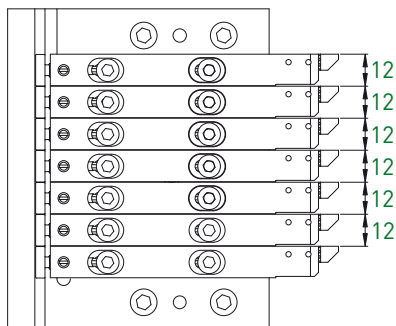
ML12-P034-1-5T



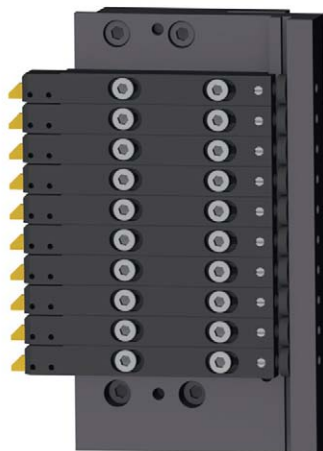
ML12-P034-2-4T



				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
4T	ML12-P034-2-4T	ML12	> 14.77	-	ML12-JET-5/16	14.98
5T	ML12-P034-1-5T					



ML12-P034-1-7T



ML12-P034-2-10T



ML12-P034-1-7T



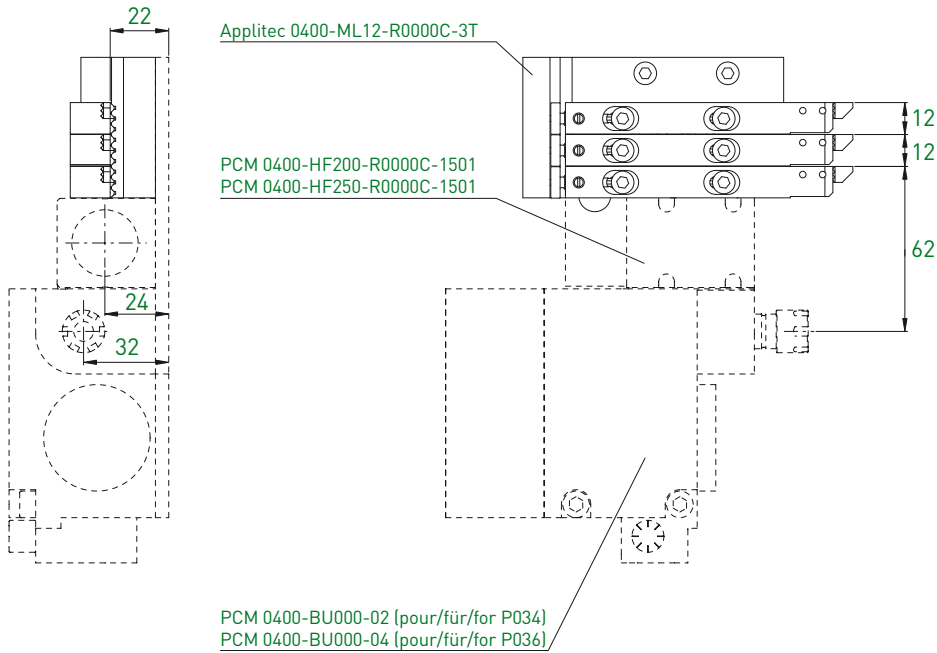
ML12-P034-2-10T

				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
7T	ML12-P034-1-7T	ML12	> 14.77	-	ML12-JET-5/16	14.98
10T	ML12-P034-2-10T					

ML12

Adaptation compatible aux modules PCM
Kompatible Anpassung für die PCM-Module
Compatible adaptation to the PCM modules

+ 1 outil
+ 1 Werkzeug
+ 1 tool
Tsugami P034-P036



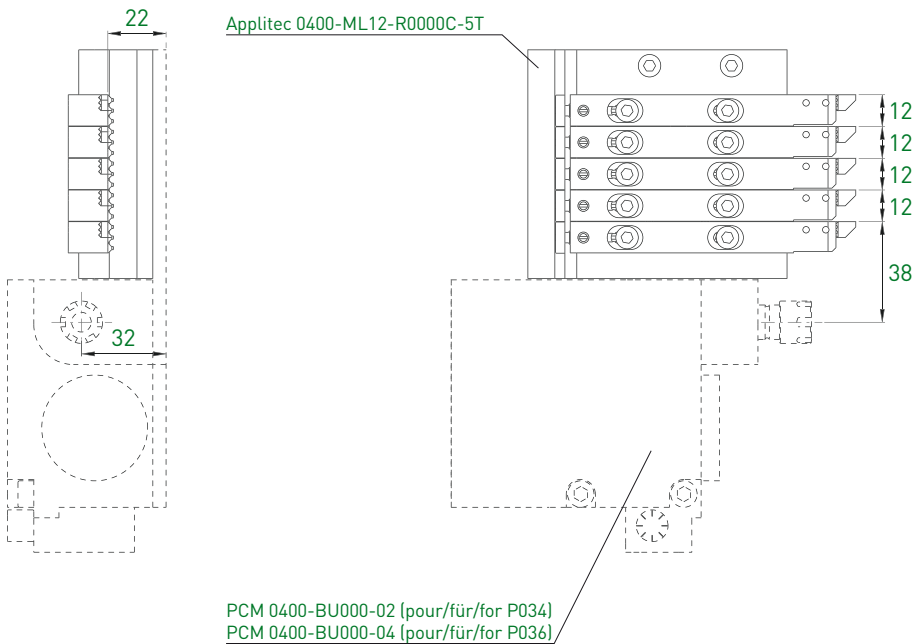
				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
3T	0400-ML12-R0000C-3T	ML12	> 14.77	-	ML12-JET-5/16	14.98

Tsugami P034-P036

Adaptation compatible aux modules PCM
Kompatible Anpassung für die PCM-Module
Compatible adaptation to the PCM modules

+ 1 outil
+ 1 Werkzeug
+ 1 tool

ML12



				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
5T	0400-ML12-R0000C-5T	ML12	> 14.77	-	ML12-JET-5/16	14.98

Les différents types de porte-outils ML12 / ML16
Die verschiedenen Haltertypen ML12 / ML16
The various types of holders ML12 / ML16

Type Standard

ML...A-740



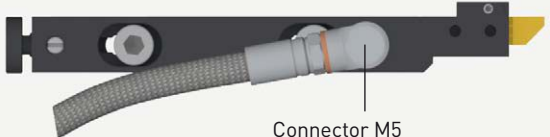
Type -D

ML...A-740-D

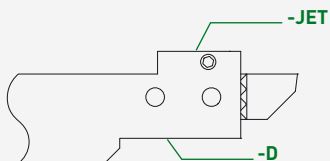


Type -JET-D

ML...A-740-JET-D



Connector M5

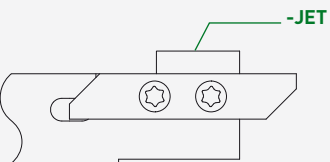


Type -JET

ML...A-740-JET



Connector M5

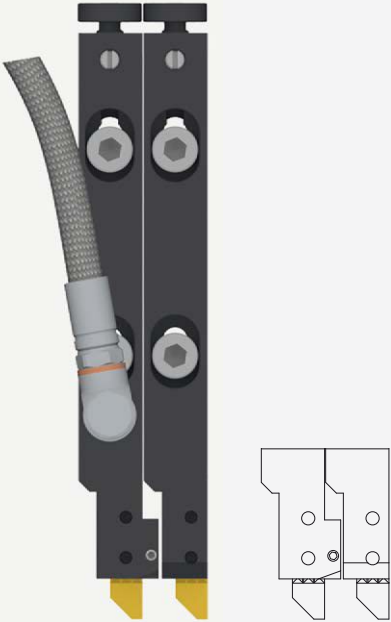
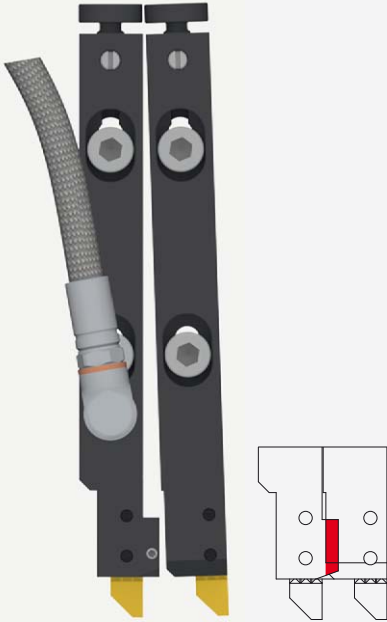
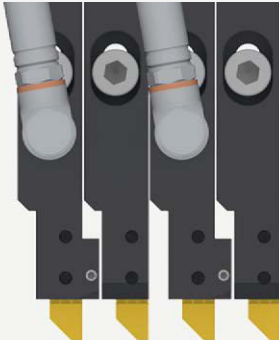


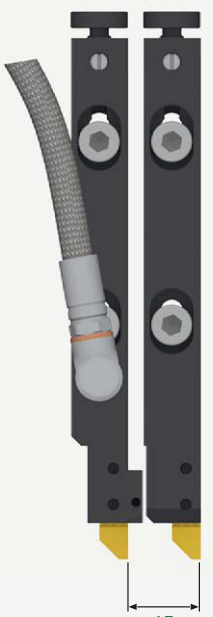
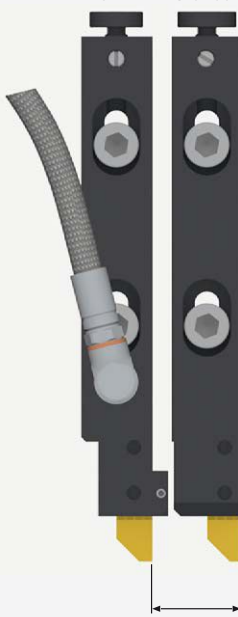
Porte-outils

Halter
Holders

Informations techniques

Technische Informationen
Technical information

Compatibilité Kompatibilität Compatibility	
OK	NOT OK
-JET-D -D ✓ 	-JET-D -Standard ✗ 
MIX	TYPE D
-Standard -JET-D -D ✓ 	-JET-D -D -JET-D -D ✓ 

Exceptions Ausnahmen Exceptions	
Exception ML12	Exception ML16
-JET-D -JET -Standard  15 ≥ 15 mm = Total compatibility	-JET-D -JET -Standard  20 ≥ 20 mm = Total compatibility

JET-Line:

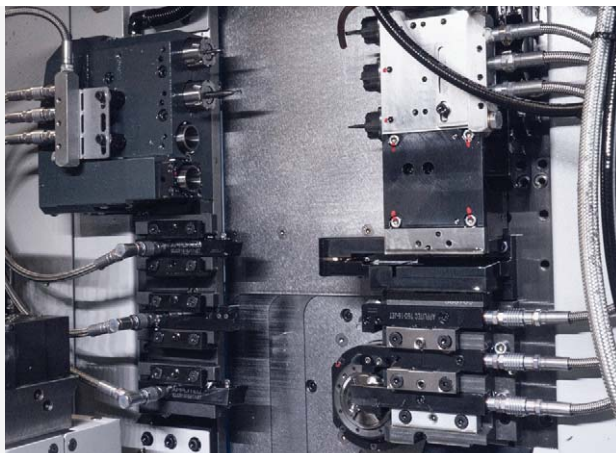
Système de distribution du liquide de refroidissement pour haute pression
Voir chapitre JET-Line

JET-Line:

Kühlmittelverteilungssystem für hohen Druck
Siehe Kapitel JET-Line

JET-Line:

Coolant distribution system for high pressure
See chapter JET-Line



Porte-outils

Halter
Holders

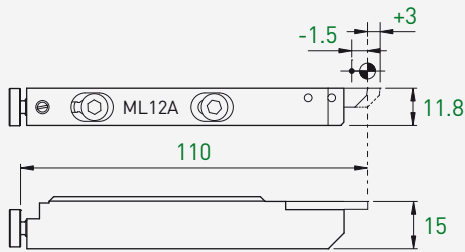
ML12 / ML16

Système de fixation
Befestigungssystem
Clamping system

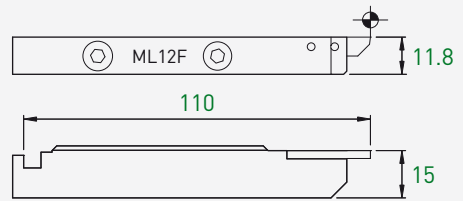
A = réglable
einstellbar
adjustable

F = longueur fixe
fixlänge
fixed length

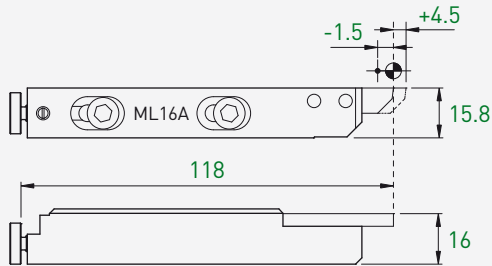
ML12A



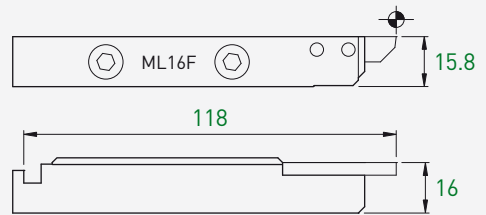
ML12F

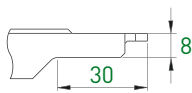


ML16A

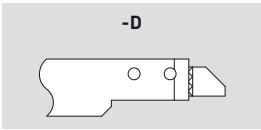


ML16F

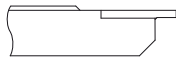




TOP-Line
731-737

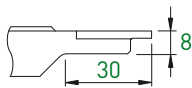


Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
-	ML12A-730-C-D	-



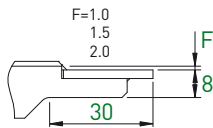
TOP-Line
741-747

Standard	-D	-JET-D
ML12	ML12	ML12
ML12A-740	ML12A-740-D	ML12A-740-JET-D
ML12F-740	ML12F-740-D	-
ML16	ML16	ML16
ML16A-740	ML16A-740-D	ML16A-740-JET-D
ML16F-740	-	-



TOP-Line
741-747

ML12	ML12	ML12
ML12A-740-C	ML12A-740-C-D	ML12A-740-C-JET-D
ML12F-740-C	ML12F-740-C-D	-

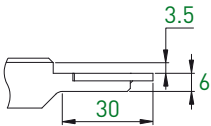


TOP-Line
741-747

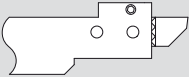
ML12	ML12	ML12
ML12A-740-ZD1.0-C	-	-
ML12A-740-ZD1.5-C	-	-
ML12A-740-ZD2.0-C	-	-

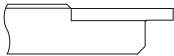
Porte-plaquettes
WSP-Halter
Insert holders

TOP-Line



TOP-Line
741

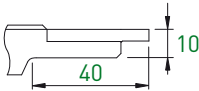
Standard	-D	-JET-D
		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-740-C-R04	-	-
ML12A-740-C-SWISS-NANO	-	-



TOP-Line
761-767

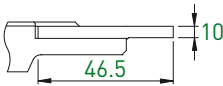
ML12	ML12	ML12
ML12A-760	ML12A-760-D	ML12A-760-JET-D
ML12F-760	ML12F-760-D	-

ML16	ML16	ML16
ML16A-760	ML16A-760-D	ML16A-760-JET-D
ML16F-760	-	-



TOP-Line
761-767

ML16	ML16	ML16
ML16A-760-C	ML16A-760-C-D	-
ML16F-760-C	-	-

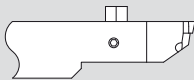


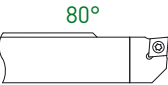
TOP-Line
781

ML16	ML16	ML16
-	ML16A-780-C-D	-

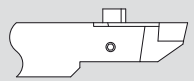


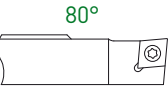
TURN-Line
347-349

Standard	-D	-JET-D
		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-340	ML12A-340-D	ML12A-340-JET-D
ML12F-340	ML12F-340-D	-
ML16	ML16	ML16
ML16A-340	ML16A-340-D	ML16A-340-JET-D
ML16F-340	-	-

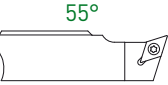


ISO-Line
CC...-0602..

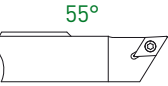
Standard	-D	-JET-D
		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-SCLCR06	ML12A-SCLCR06-D	ML12A-SCLCR06-JET-D
ML12F-SCLCR06	ML12F-SCLCR06-D	-
ML16	ML16	ML16
ML16A-SCLCR06	ML16A-SCLCR06-D	ML16A-SCLCR06-JET-D
ML16F-SCLCR06	ML16F-SCLCR06-D	-



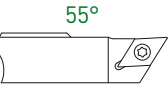
ISO-Line
CC...-09T3..



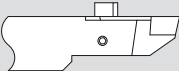
ISO-Line
DC...-0702..



ISO-Line
DC...-0702..



ISO-Line
DC...-11T3..

Standard	-D	-JET-D
		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-SCLCR09	ML12A-SCLCR09-D	ML12A-SCLCR09-JET-D
ML12F-SCLCR09	ML12F-SCLCR09-D	-
ML16	ML16	ML16
ML16A-SCLCR09	ML16A-SCLCR09-D	ML16A-SCLCR09-JET-D
ML16F-SCLCR09	ML16F-SCLCR09-D	-

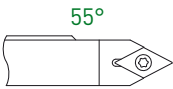
ML16	ML16	ML16
ML16A-SDHCR07	-	ML16A-SDHCR07-JET-D

ML12	ML12	ML12
ML12A-SDJCR07	ML12A-SDJCR07-D	ML12A-SDJCR07-JET-D
ML12F-SDJCR07	ML12F-SDJCR07-D	-

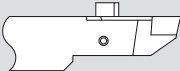
ML16	ML16	ML16
ML16A-SDJCR07	ML16A-SDJCR07-D	ML16A-SDJCR07-JET-D
ML16F-SDJCR07	ML16F-SDJCR07-D	-

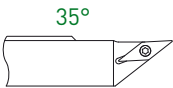
ML12	ML12	ML12
ML12A-SDJCR11	ML12A-SDJCR11-D	ML12A-SDJCR11-JET-D
ML12F-SDJCR11	ML12F-SDJCR11-D	-

ML16	ML16	ML16
ML16A-SDJCR11	ML16A-SDJCR11-D	ML16A-SDJCR11-JET-D
ML16F-SDJCR11	ML16F-SDJCR11-D	-



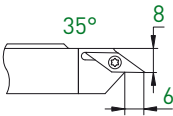
ISO-Line
DC...11T3..

Standard	-D	-JET-D
		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-SDNCN11	ML12A-SDNCN11-D	-
ML12F-SDNCN11	ML12F-SDNCN11-D	-
ML16	ML16	ML16
ML16A-SDNCN11	ML16A-SDNCN11-D	-
ML16F-SDNCN11	ML16F-SDNCN11-D	-



ISO-Line
VC...1103..

ML12	ML12	ML12
ML12A-SVJCR11	ML12A-SVJCR11-D	ML12A-SVJCR11-JET-D
ML12F-SVJCR11	ML12F-SVJCR11-D	-
ML16	ML16	ML16
ML16A-SVJCR11	ML16A-SVJCR11-D	ML16A-SVJCR11-JET-D
ML16F-SVJCR11	ML16F-SVJCR11-D	-



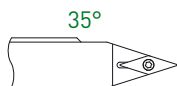
ISO-Line
VC...1103..

ML12	ML12	ML12
ML12A-SV-CR11	ML12A-SV-CR11-D	-
ML16	ML16	ML16
ML16A-SV-CR11	ML16A-SV-CR11-D	ML16A-SV-CR11-JET-D

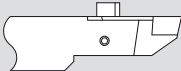
Porte-plaquettes

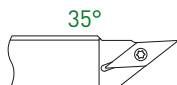
WSP-Halter
Insert holders

ISO-Line



ISO-Line
VC...-1103..

Standard	-D	-JET-D
		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-SVVCN11	ML12A-SVVCN11-D	ML12A-SVVCN11-JET-D
ML12F-SVVCN11	ML12F-SVVCN11-D	-
ML16	ML16	ML16
ML16A-SVVCN11	ML16A-SVVCN11-D	ML16A-SVVCN11-JET-D
ML16F-SVVCN11	ML16F-SVVCN11-D	-



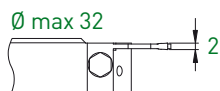
ISO-Line
VC...-1303..

ML12	ML12	ML12
-	ML12A-SVJCR13-D	-
ML16	ML16	ML16
-	ML16A-SVJCR13-D	ML16A-SVJCR13-JET-D

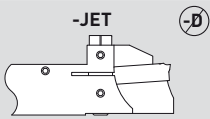
Porte-plaquettes

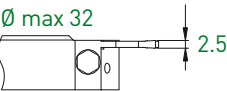
WSP-Halter
Insert holders

EVOCUT-Line

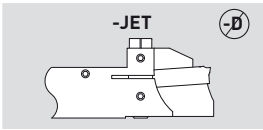


EVOCUT-Line
ET20..

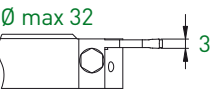
		
Art. N°	Art. N°	Art. N°
ML16	ML16	ML16
-	-	ML16A-ET20-JET32



EVOCUT-Line
ET25..

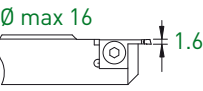


Art. N°	Art. N°	Art. N°
ML16	ML16	ML16
-	-	ML16A-ET25-JET32

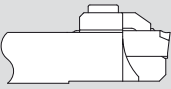


EVOCUT-Line
ET30..

ML16	ML16	ML16
-	-	ML16A-ET30-JET32



CUT-Line
CUT16..

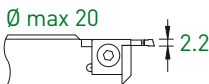
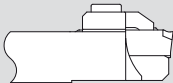
Standard		
		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-CUT16	-	-
ML12F-CUT16	-	-
ML16	ML16	ML16
ML16A-CUT16	-	-
ML16F-CUT16	-	-

Porte-plaquettes

WSP-Halter
Insert holders

CUT-Line

Standard



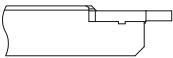
CUT-Line
CUT22..

Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-CUT22	-	-
ML12F-CUT22	-	-
ML16	ML16	ML16
ML16A-CUT22	-	-
ML16F-CUT22	-	-

Porte-plaquettes

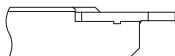
WSP-Halter
Insert holders

PRO-Line



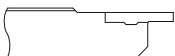
PRO-Line
642-647

	-D	-JET-D
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
-	ML12A-640-D	ML12A-640-JET-D
ML16	ML16	ML16
-	ML16A-640-D	ML16A-640-JET-D



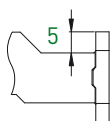
PRO-Line
661

	-D	-JET-D
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
-	ML12A-660-D	ML12A-660-JET-D
ML16	ML16	ML16
-	ML16A-660-D	ML16A-660-JET-D



ECO-Line
261-266

Standard	-D	-JET-D
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-260	ML12A-260-D	ML12A-260-JET-D
ML12F-260	ML12F-260-D	-
ML16	ML16	ML16
ML16A-260	ML16A-260-D	ML16A-260-JET-D
ML16F-260	-	-
ML12	ML12	ML12
ML12A-250RFG	-	-

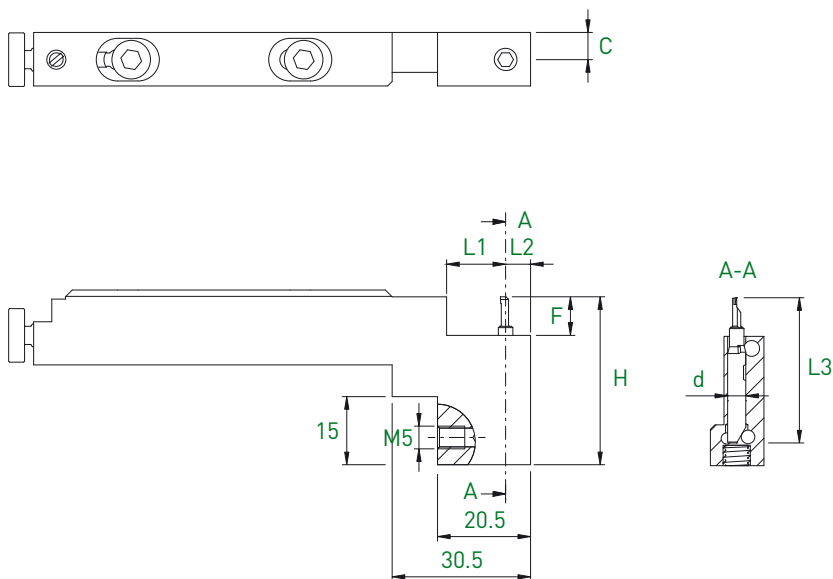


ECO-Line
251RFG

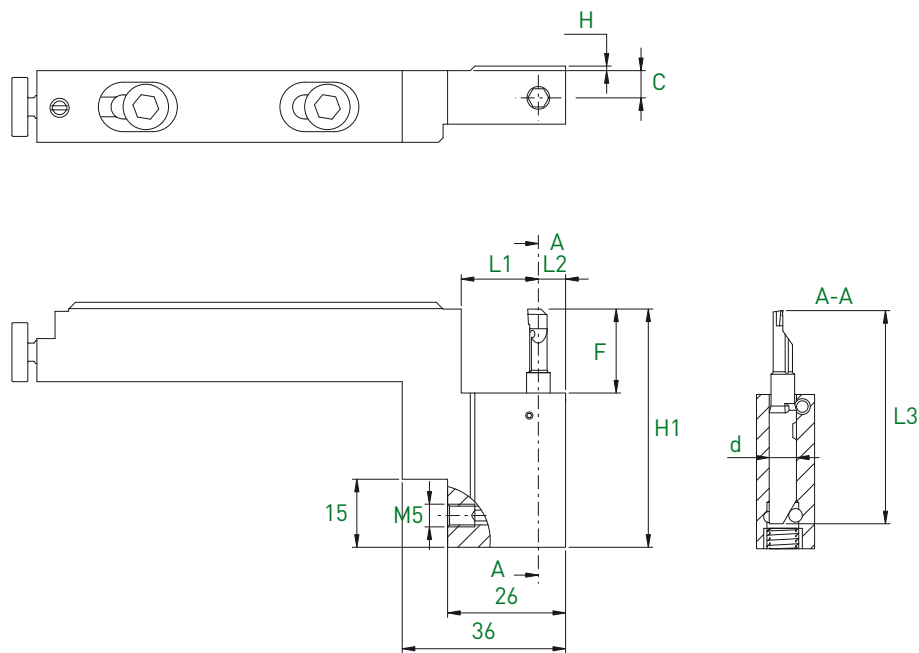
Porte-outils

Halter
Holders

IN-Line



								ML12
d	Compatible bars	L3	F	H	C	L1	L2	Art. N°
4	BB4R... BF4R...	32	8.5	37	6	13	5.5	ML12A-BHK4N-32R-D
		37	13.5	42	6	13	5.5	ML12A-BHK4N-37R-D
		42	18.5	47	6	13	5.5	ML12A-BHK4N-42R-D



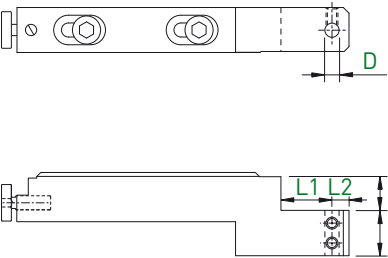
									ML16
d	Compatible bars	L3	F	H1	C	H	L1	L2	Art. N°
4	BB4R... BF4R...	32	8.5	37	6	-	17.5	5.5	ML16A-BHK4N-32R-D
		37	13.5	42	6	-	17.5	5.5	ML16A-BHK4N-37R-D
		42	18.5	47	6	-	17.5	5.5	ML16A-BHK4N-42R-D

									ML16
d	Compatible bars	L3	F	H1	C	H	L1	L2	Art. N°
6	BB4R... BF4R...	47	18.5	52.5	6	1	17	6	ML16A-BHK6N-47R-D
		57	28.5	62.5	6	1	17	6	ML16A-BHK6N-57R-D

Porte-outils

Halter
Holders

TOOLING-Line



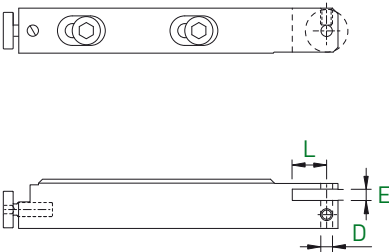
					ML12
F	D	E	L1	L2	Art. N°
8	3	12	13	6	ML12A-2440-8-3
8	4	12	13	6	ML12A-2440-8-4
8	5	12	13	6	ML12A-2440-8-5
12	6	12	13	6	ML12A-2440-12-6

					ML16
F	D	E	L1	L2	Art. N°
12	3	16	18	6	ML16A-2440-12-3
12	4	16	18	6	ML16A-2440-12-4
12	5	16	18	6	ML16A-2440-12-5
12	6	16	18	6	ML16A-2440-12-6
18	8	16	18	6	ML16A-2440-18-8

Porte-molettes

Rändelhalter
Knurl holders

TOOLING-Line



			ML12
E	D	L	Art. N°
4	4	8	ML12A-2402-44

			ML16
E	D	L	Art. N°
4	4	11	ML16A-2402-44

MODU-Line

Porte-plaquettes – Coupe déportée & contre-opération

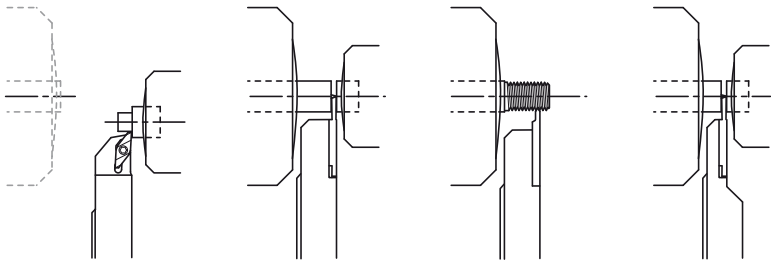
WSP-Halter – Versetztes Schneiden & Gegenspindel

Insert holders – Cut off line & cut on subspindle

Coupe à droite déportée ou usinage
à gauche sur contre-broche

Rechtsschneidend versetzt oder
linksschneidend auf Gegenspindel

Right hand cut off line or left hand
cut on subspindle



TURN-Line
ISO-Line

TOP-Line
EVOCUT-Line
CUT-Line
PRO-Line
ECO-Line

TOP-Line
EVOCUT-Line
CUT-Line
PRO-Line
ECO-Line

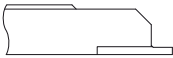
TOP-Line
PRO-Line
ECO-Line

TOP-Line

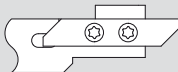
Porte-plaquettes – Coupe déportée & contre-opération

WSP-Halter – Versetztes Schneiden & Gegenspindel

Insert holders – Cut off line & cut on subspindle



TOP-Line
731-737

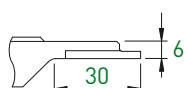
Standard	-D	-JET-D
		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-730-V	ML12A-730-V-D	ML12A-730-V-JET-D
ML16	ML16	ML16
ML16A-730-V	ML16A-730-V-D	ML16A-730-V-JET-D

Porte-plaquettes – Coupe déportée & contre-opération

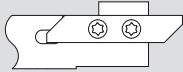
WSP-Halter – Versetztes Schneiden & Gegenspindel

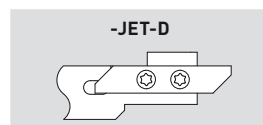
Insert holders – Cut off line & cut on subspindle

TOP-Line

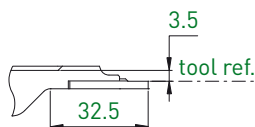


TOP-Line
731R

Standard	-D	-JET 
		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-730RC	-	ML12A-730RC-JET



ML16	ML16	ML16
ML16A-730RC	ML16A-730RC-D	ML16A-730RC-JET-D



TOP-Line
731R

ML12	ML12	ML12
ML12A-730RC-R04	-	-
ML12A-730RC-SWISS-NANO	-	-



TOP-Line
751-757

ML12	ML12	ML12
ML12A-750-V	ML12A-750-V-D	ML12A-750-V-JET-D
ML16	ML16	ML16
ML16A-750-V	ML16A-750-V-D	ML16A-750-V-JET-D



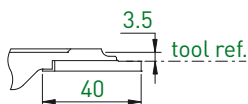
TOP-Line
751R

ML12	ML12	ML12 
ML12A-750RC	-	ML12A-750RC-JET
ML16	ML16	ML16
ML16A-750RC	ML16A-750RC-D	ML16A-750RC-JET-D

Porte-plaquettes – Coupe déportée & contre-opération

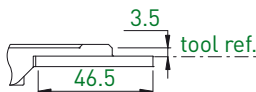
WSP-Halter – Versetztes Schneiden & Gegenspindel

Insert holders – Cut off line & cut on subspindle



TOP-Line
751R

Standard	-D	-JET-D
		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-750RC-R04	-	-
ML12A-750RC-SWISS-NANO	-	-



TOP-Line
771R

ML12	ML12	ML12
ML12A-770RC-SWISS-NANO	-	-



TOP-Line
770

ML16	ML16	ML16
-	-	ML16A-770-V-JET-D

TURN-Line

Porte-plaquettes – Contre-opération

WSP-Halter – Gegenspindel

Insert holders – Cut on subspindle



TURN-Line
337-339

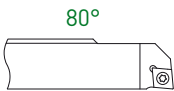
Standard	-D	-JET-D
		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-330-V	ML12A-330-V-D	ML12A-330-V-JET-D
ML16	ML16	ML16
ML16A-330-V	ML16A-330-V-D	ML16A-330-V-JET-D

Porte-plaquettes – Contre-opération

WSP-Halter – Gegenspindel

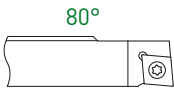
Insert holders – Cut on subspindle

ISO-Line



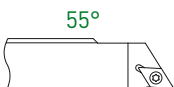
ISO-Line
CC...-0602..

Standard	-D	-JET-D
		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
-	ML12A-SCLCL06-V-D	ML12A-SCLCL06-V-JET-D
ML16	ML16	ML16
-	ML16A-SCLCL06-V-D	ML16A-SCLCL06-V-JET-D



ISO-Line
CC...-9T3..

ML12	ML12	ML12
-	ML12A-SCLCL09-V-D	ML12A-SCLCL09-V-JET-D
ML16	ML16	ML16
-	ML16A-SCLCL09-V-D	ML16A-SCLCL09-V-JET-D



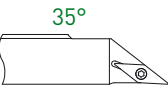
ISO-Line
DC...-0702..

ML12	ML12	ML12
-	ML12A-SDJCL07-V-D	ML12A-SDJCL07-V-JET-D
ML16	ML16	ML16
-	ML16A-SDJCL07-V-D	ML16A-SDJCL07-V-JET-D

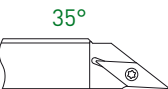


ISO-Line
DC...-11T3..

ML12	ML12	ML12
ML12A-SDJCL11-V	ML12A-SDJCL11-V-D	ML12A-SDJCL11-V-JET-D
ML16	ML16	ML16
ML16A-SDJCL11-V	ML16A-SDJCL11-V-D	ML16A-SDJCL11-V-JET-D



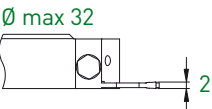
ISO-Line
VC..-1103..



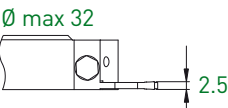
ISO-Line
VC..-1303..

Standard	-D	-JET-D
		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-SVJCL11-V	ML12A-SVJCL11-V-D	ML12A-SVJCL11-V-JET-D
ML16	ML16	ML16
ML16A-SVJCL11-V	ML16A-SVJCL11-V-D	ML16A-SVJCL11-V-JET-D

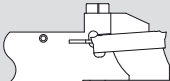
ML12	ML12	ML12
-	ML12A-SVJCL13-V-D	-
ML16	ML16	ML16
-	ML16A-SVJCL13-V-D	ML16A-SVJCL13-V-JET-D



EVOCUT-Line
ET20



EVOCUT-Line
ET25


Art. N°
ML16
ML16A-ET20-V-JET32

Art. N°	Art. N°	Art. N°
ML16	ML16	ML16
-	-	ML16A-ET20-V-JET32

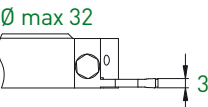
ML16	ML16	ML16
-	-	ML16A-ET25-V-JET32

Porte-plaquettes – Coupe déportée

WSP-Halter – Versetztes Schneiden

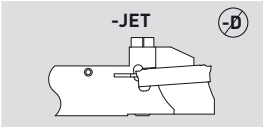
Insert holders – Cut off line

EVOCUT-Line



EVOCUT-Line
ET30

ML16	ML16	ML16
-	-	ML16A-ET30-V-JET32

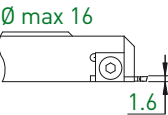


Porte-plaquettes – Coupe déportée

WSP-Halter – Versetztes Schneiden

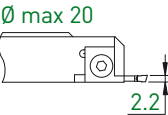
Insert holders – Cut off line

CUT-Line



CUT-Line
CUT16

Standard		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-CUT16-V	-	-
ML12F-CUT16-V	-	-
ML16	ML16	ML16
ML16A-CUT16-V	-	-
ML16F-CUT16-V	-	-



CUT-Line
CUT22

ML12	ML12	ML12
ML12A-CUT22-V	-	-
ML12F-CUT22-V	-	-
ML16	ML16	ML16
ML16A-CUT22-V	-	-
ML16F-CUT22-V	-	-



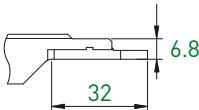
PRO-Line
632-636

Standard	-D	-JET-D
		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
-	ML12A-630-V-D	ML12A-630-V-JET-D
ML16	ML16	ML16
-	ML16A-630-V-D	ML16A-630-V-JET-D



PRO-Line
651R

ML12	ML12	ML12
-	ML12A-650-V-D	ML12A-650-V-JET-D
ML16	ML16	ML16
-	ML16A-650-V-D	ML16A-650-V-JET-D



PRO-Line
651R

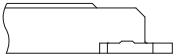
ML12	ML12	ML12
ML12A-650RC	ML12A-650RC-D	-
ML16	ML16	ML16
-	ML16A-650RC-D	ML16A-650RC-JET-D

Porte-plaquettes – Coupe déportée & contre-opération

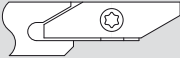
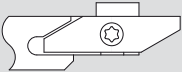
WSP-Halter – Versetztes Schneiden & Gegenspindel

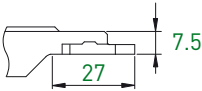
Insert holders – Cut off line & cut on subspindle

ECO-Line



ECO-Line
251-261

Standard	-D	-JET-D
		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-250-V	ML12A-250-V-D	ML12A-250-V-JET-D
ML16	ML16	ML16
ML16A-250-V	ML16A-250-V-D	ML16A-250-V-JET-D



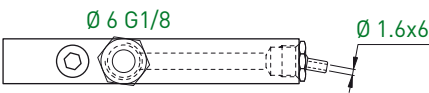
ECO-Line
251R

ML12	ML12	ML12
-	ML12A-250RC-D	-
ML16	ML16	ML16
-	ML16A-250RC-D	-

ML12 / ML16

Modules d'arrosage
Kühlmittelfzufuhrelemente
Coolant supply units

ML12



Raccord Anschluss Connection	Buses d'arrosage Kühlmitteldüse Coolant nozzles	ML12 Art. N°
$\varnothing 6\text{ G1/8}$	5/16"	ML12-JET-5/16

ML16

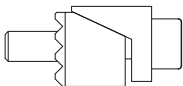
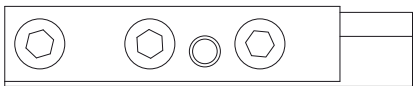


Raccord Anschluss Connection	Buses d'arrosage Kühlmitteldüse Coolant nozzles	ML16 Art. N°
$\varnothing 6\text{ G1/8}$	7/16"	ML16-JET-7/16

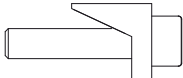
buses optionnelles voir page 14.99
zusätzliche Düsen siehe Seite 14.99
optional nozzles see page 14.99

ML12 / ML16

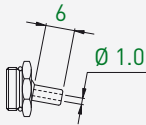
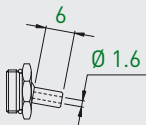
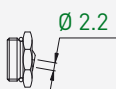
Modules de serrage
Spannelemente
Clamping units

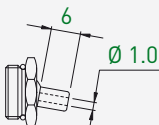
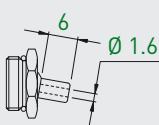
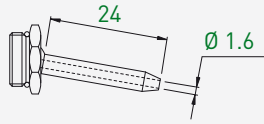
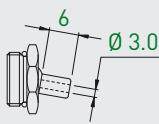


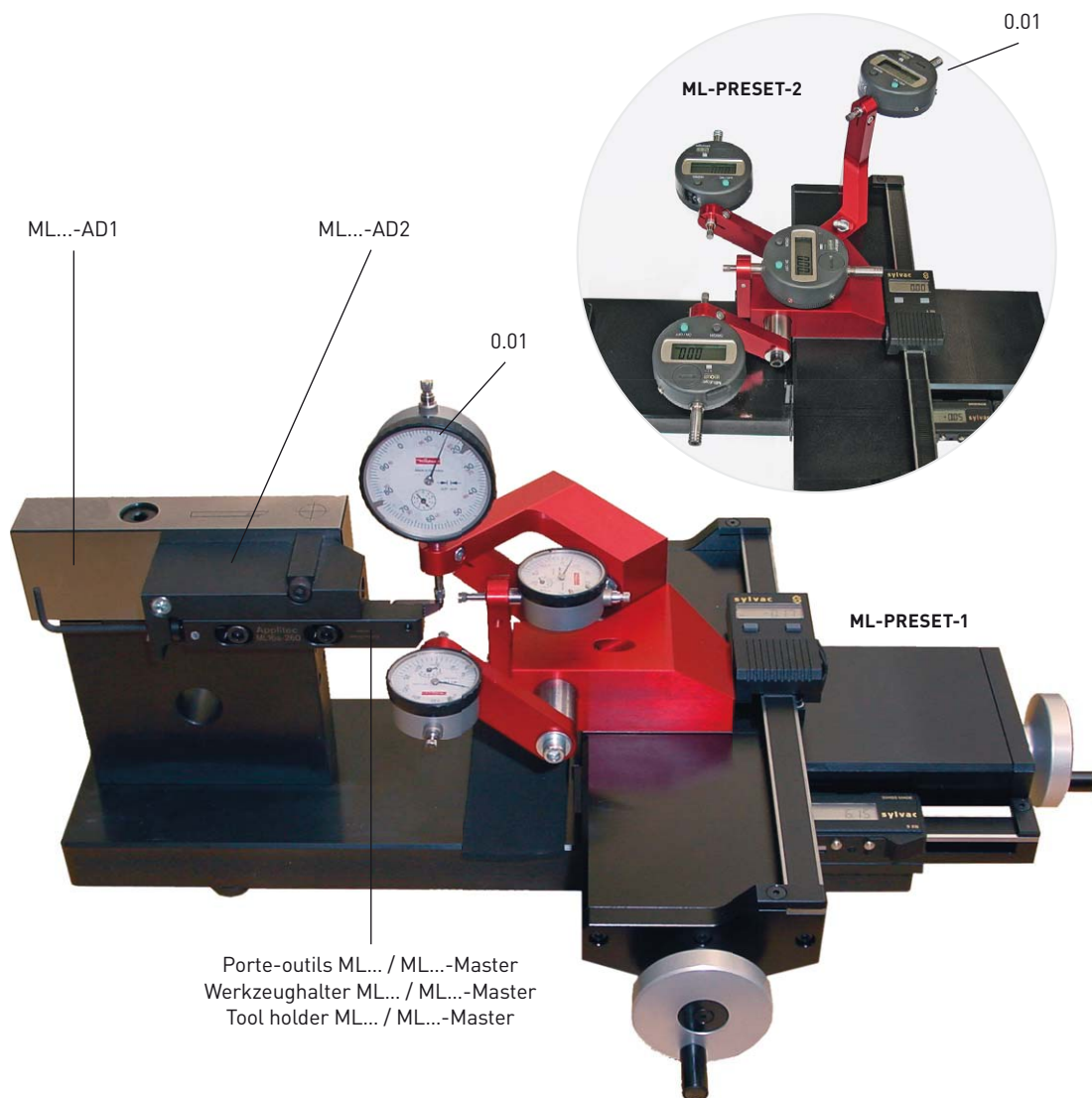
ML12 Art. N°	ML16 Art. N°
ML12-FIX-12/14	ML16-FIX-16/16
-	ML16-FIX-16/16.5
-	ML16-FIX-16/17
-	ML16-FIX-16/20
-	ML16-FIX-16/22
-	ML16-FIX-16/24



ML12 Art. N°	ML16 Art. N°
ML12-FIX-12	ML16-FIX-16

5/16"	Art. N°	Références compatibles Kompatible Artikeln Compatible items
	ML-JET-5/16-1.0X6	ML12-JET-5/1.6
	ML-JET-5/16-1.6X6	une buse ML-JET-5/16-1.6x6 est comprise eine Düse ML-JET-5/16-1.6x6 ist inbegriffen a nozzle ML-JET-5/16-1.6x6 is included
	ML-JET-5/16-2.2X0	

7/16"	Art. N°	Références compatibles Kompatible Artikeln Compatible items
	ML-JET-7/16-1.0X6	ML16-KMX26-JET ML16-JET-7/16 ML12-DEC010-JET ML16-DEC013-JET ML16-DEC020-JET ML16-S20-JET ML16-SWISS-ST26-JET
	ML-JET-7/16-1.6X6	
	ML-JET-7/16-1.6X24	une buse ML-JET-7/16-3.0x6 est comprise avec chaque article ci-dessus eine Düse ML-JET-7/16-3.0x6 ist mit jedem vorstehenden Artikel inbegriffen
	ML-JET-7/16-3.0X6	a nozzle ML-JET-7/16-3.0x6 is included with each above item



Art. N°

ML-PRESET-1

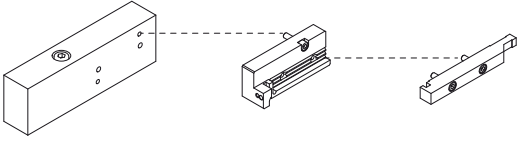
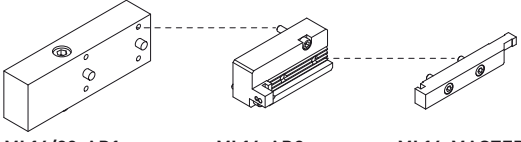
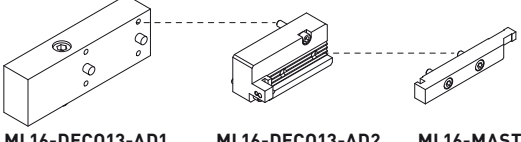
ML-PRESET-2

Bancs de pré réglage

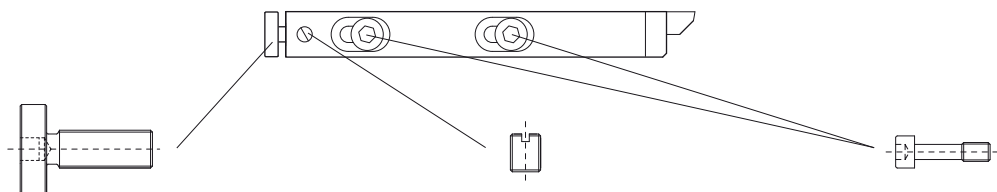
Voreinstellgeräte

Presetting devices

ML12 / ML16

Type Typ Type	Fabricant Hersteller Manufacturer	Machines Maschinen Machines	Adaptateurs et jauges d'étalement Adapter und Einstelllehre Adaptators and master gauges
ML12	CITIZEN	C12/C16	 ML12-AD1 ML12-AD2 ML12-MASTER
		L12-1M7	
		L12-2M10	
		M16 V/VIII	
		R04	
		R07	
	HANWHA	XD10	
		XD20M	
	METAFIL	D3/D10/D13	
	STAR	SB-12RG	
		SL-7/10	
		SR10-J	
		SW-12RII	
	TORNOS	DECO7/10 - EvoDECO 10	
		SwissNano/SwissNano 7	
		DT13	
		CT20	
	TSUGAMI	GT13	
		B074	
		B075	
		P034	
		P034-P036	
ML16	CITIZEN	K12/K16/K12E/K16E	 ML16/20-AD1 ML16-AD2 ML16-MASTER
		L20E-1M8/L20X-1M10/L20-2M8/2M12	
		L20E-3M	
	HANWHA	SL12/16	
	MANUHRIN	KMX 426/526/626/Swing 20-26 MM	
		SA-12/SA-16/SA-16R	
		SB-16	
		SB-16/20RG	
		SB-20C/E	
		SR-16R/SR-20R/SR-20RII	
		SR-20J/SR-20RIII	
		SR-20JII-A/B	
		SR-20RIII/SR-20J	
		SR-20RIV	
		SR-32J	
		SV-12/20/ SV-20R	
		SW-20	
		DECO20/26 - EvoDECO20/32	
		SIGMA20/32	
	TORNOS	DT26	
		GT26	
		GT32	
ML16	TORNOS	DECO13-EvoDECO16	 ML16-DECO13-AD1 ML16-DECO13-AD2 ML16-MASTER
		Swiss ST26	

ML12



Vis de réglage
Einstellungsschraube
Setting screw

Art. N°

ML12A-M5X0.5

Vis de blocage
Blockierschraube
Locking screw

Art. N°

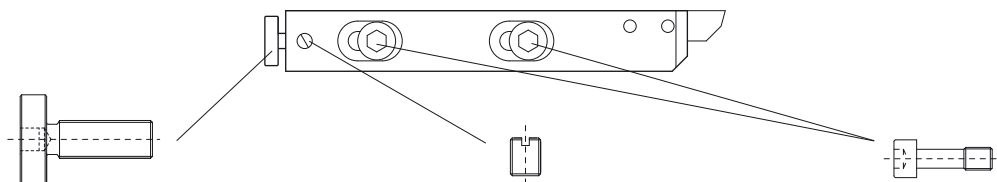
ML-M4X4-T

Vis de fixation
Befestigungsschraube
Fixing screw

Art. N°

ML12-M5XL20

ML16



Vis de réglage
Einstellungsschraube
Setting screw

Art. N°

ML16A-M5X0.5

Vis de blocage
Blockierschraube
Locking screw

Art. N°

ML-M4X4-T

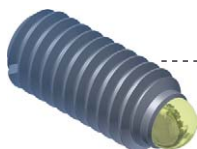
Vis de fixation
Befestigungsschraube
Fixing screw

Art. N°

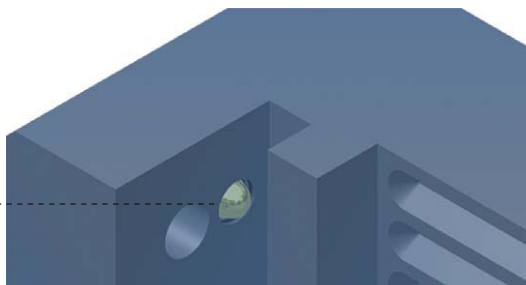
ML16/20-M6XL20

Art. N°

ML-205004



Butée à ressort
Federnde Schraube
Spring bumper

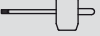


Pièces de rechange et accessoires

Ersatzteile und Zubehör

Spare parts and accessories

ML12 / ML16

Porte-outils Halter Holders					Options	
						
ML...250	V-M4X9-T15	-	-	-	-	C-T15
ML...260		-	-	-	-	-
ML...330		-	-	-	-	C-T8
ML...340		-	-	-	-	-
ML...630	V-M4X9-T15	-	-	-	-	C-T15
ML...640		-	-	-	-	-
ML...650		-	-	-	-	-
ML...650RC		-	-	-	-	-
ML...660	V-M4X9-T15	-	-	-	-	-
ML...730	V-M3X7-T8	-	-	-	-	-
ML...730RC	V-M3X5.5-T8	-	-	-	-	-
ML...730RC-R04	V-M3X4.5-T8 V-M3X7-T8	-	-	-	-	C-T8
ML...730RC-SWISS-NANO	V-M3X4.5-T8 V-M3X7-T8	-	-	-	-	-
ML...740	V-M3X7-T8	-	-	-	-	-
ML...750	V-M4X9-T15	-	-	-	-	-
ML...750RC	V-M4X7.3-T15	-	-	-	-	-
ML...750RC-R04	V-M4X5.6-T15 V-M4X7.3-T15	-	-	-	-	C-T15
ML...750RC-SWISS-NANO	V-M4X5.6-T15 V-M4X7.3-T15	-	-	-	-	-
ML...760	V-M4X9-T15	-	-	-	-	-
ML...770RC-SWISS-NANO	V-M4X7.3-T15	-	-	-	-	-
ML...780	V-M4X9-T15	-	-	-	-	-
ML...SC...06	V-M2.5X5.8-T8	-	-	-	-	C-T8
ML...SC...09	V-M4X7-T15-ISO	-	-	-	-	C-T15
ML...SD...07	V-M2.5X7.8-T8	-	-	-	-	C-T8
ML...SD...07-D	V-M2.5X5.8-T8	-	-	-	-	C-T8
ML12...-SDJ...11	V-M4X7-T15-ISO	-	-	-	-	-
ML12...-SDN...11	V-M4X9-T15-ISO	-	-	-	-	C-T15
ML16...-SD...11	-	-	-	-	-	-
ML...-SV...11	V-M2.5X7.8-T8	-	-	-	-	C-T8
ML...-SV...13	V-M3X7.3-T8-ISO	-	-	-	-	-
ML...-CUT16	-	-	CUT16RS-SET	-	-	-
ML...-CUT16-V	-	-	CUT16LS-SET	-	-	-
ML...-CUT22	-	-	CUT22RS-SET	-	-	-
ML...-CUT16-V	-	-	CUT22LS-SET	-	-	-
ML16...-ET... JET32	-	-	-	-	-	-
ML16...-ET... V-JET32	-	-	-	V-M5X21-6P7-J	C-6PEX-7.0	-
ML...-BHK	V-BHK-M4X0.5-T8	-	-	-	-	-
ML12A-2440-8-3	-	V-M3X4-BN24	-	-	-	-
ML12A-2440-8-4		V-M4X5-BN24	-	-	-	-
ML12A-2440-8-5		V-M4X5-BN25	-	-	-	-
ML12A-2440-12-6		V-M4X5-BN24	-	-	-	-
ML16A-2440-12-3		V-M3X5-BN24	-	-	-	-
ML16A-2440-12-4		V-M4X6-BN24	-	-	-	-
ML16A-2440-12-5		V-M4X5-BN24	-	-	-	-
ML16A-2440-12-6		V-M4X5-BN24	-	-	-	-
ML16A-2440-18-8		V-M4X5-BN25	-	-	-	-
ML16A-2440-18-8		V-M4X5-BN25	-	-	-	-

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

TF F M E

P ★★★★★
M ★★★★★
N ★★★★★
S ★★★★★

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