

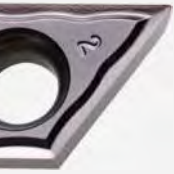

Géométries de coupe  
Spanformgeometrien  
Cutting geometries

**G**  
tolerance class

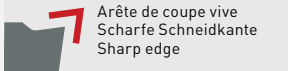
Plaquettes en métal dur rectifiées  
VHM geschliffene WSP  
Carbide ground inserts

**Finishing**

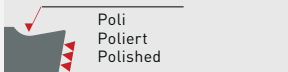
**FN-X8**

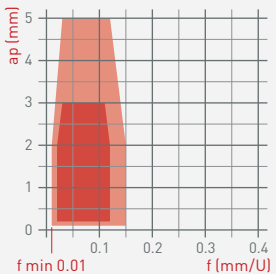
8°



Arête de coupe vive  
Scharfe Schneidkante  
Sharp edge



Poli  
Poliert  
Polished






ap (mm)

f (mm/U)

f min 0.01

P	★★★★★
M	★★★★
N	★★★
S	★★

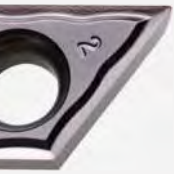

CCGT DCGT VCGT

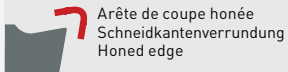
p. 7.16 p. 7.30 p. 7.46

**Semi-finishing**


**ENP-X8**

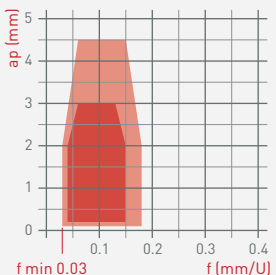
8°



Arête de coupe honée  
Schneidkantenverrundung  
Honed edge



Poli  
Poliert  
Polished






ap (mm)

f (mm/U)

f min 0.03

P	★★★★★
M	★★★
N	★★
S	★

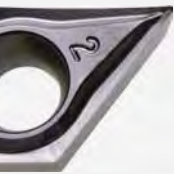

CCGT DCGT VCGT

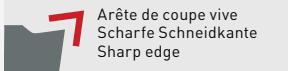
p. 7.16 p. 7.30 p. 7.46

**Finishing**


**FN-X17**

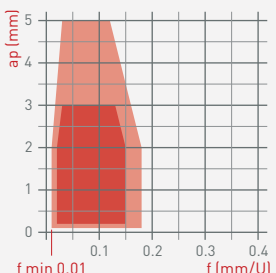
17°



Arête de coupe vive  
Scharfe Schneidkante  
Sharp edge



Poli  
Poliert  
Polished






ap (mm)

f (mm/U)

f min 0.01

P	★★★
M	★★★★★
N	★★★★
S	★★★★★

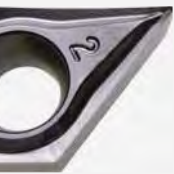

CCGT DCGT VCGT

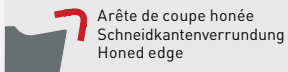
p. 7.17 p. 7.31 p. 7.47

**Semi-finishing**

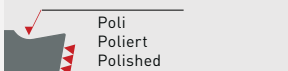
**ENP-X17**

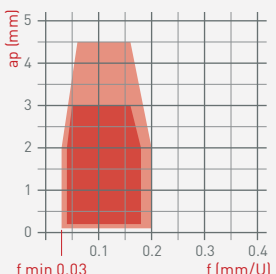
17°



Arête de coupe honée  
Schneidkantenverrundung  
Honed edge



Poli  
Poliert  
Polished






ap (mm)

f (mm/U)

f min 0.03

P	★★★
M	★★★★★
N	★★★
S	★★★★

CCGT DCGT VCGT

p. 7.17 p. 7.31 p. 7.47

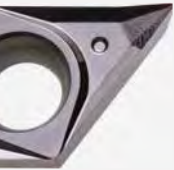
Géométries de coupe  
Spanformgeometrien  
Cutting geometries

**G**  
tolerance class

Plaquettes en métal dur rectifiées  
VHM geschliffene WSP  
Carbide ground inserts

**Finishing**

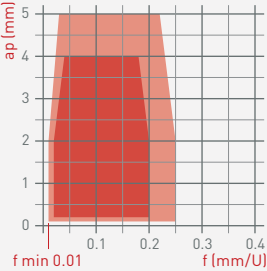
**FN-X25**



**25°**

Arête de coupe vive  
Scharfe Schneidkante  
Sharp edge

Poli  
Poliert  
Polished



ap (mm)

f (mm/U)

f min 0.01

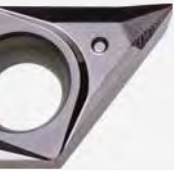
P	
M	★★★
N	★★★★★
S	★★★★★

CCGT DCGT VCGT

p. 7.18 p. 7.32 p. 7.48

**Semi-finishing**

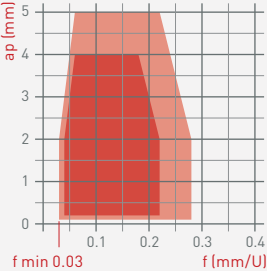
**ENP-X25**



**25°**

Arête de coupe honée  
Schneidkantenverrundung  
Honed edge

Poli  
Poliert  
Polished



ap (mm)

f (mm/U)

f min 0.03


P	
M	★★★
N	★★★★★
S	★★★★★

CCGT DCGT VCGT

p. 7.18 p. 7.32 p. 7.48

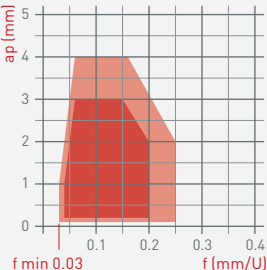
**Semi-finishing**

**ENP-X20**



**20°**

Arête de coupe honée  
Schneidkantenverrundung  
Honed edge



ap (mm)

f (mm/U)

f min 0.03

P	
M	★★★★★
N	★★★
S	★★★★★

CCGT DCGT VCGT

p. 7.19 p. 7.33 p. 7.49

# ISO-LINE

Géométries de coupe  
Spanformgeometrien  
Cutting geometries

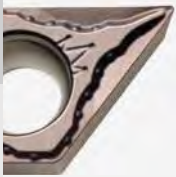

**M**  
tolerance class

Plaquettes en métal dur  
VHM-Wendeplatten  
Carbide inserts

**EN-XF3**

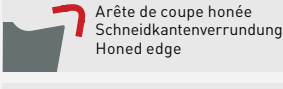
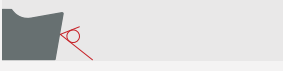
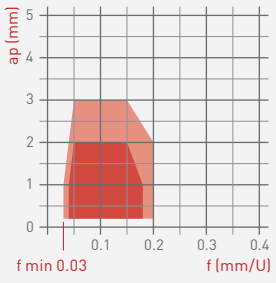
Semi-finishing

Finishing

12°

Arête de coupe honée  
Schneidkantenverrundung  
Honed edge








ap (mm)

f (mm/U)

f min 0.03



P	★★★★★
M	★★★★★
N	★★★
S	★★★

CCMT	DCMT	VCMT
		
p. 7.20	p. 7.34	p. 7.50

**EN-XF2**

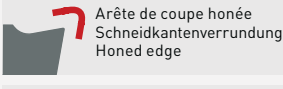
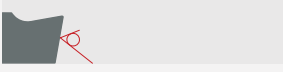
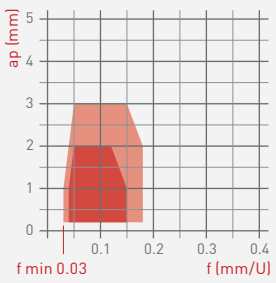
Semi-finishing

Finishing

6°

Arête de coupe honée  
Schneidkantenverrundung  
Honed edge








ap (mm)

f (mm/U)



f min 0.03

P	★★★★★
M	★★★
N	
S	★★★

CCMT	DCMT	VCMT
		
p. 7.20	p. 7.34	p. 7.50

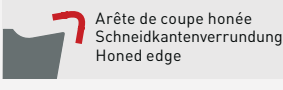
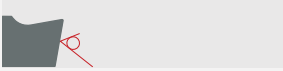
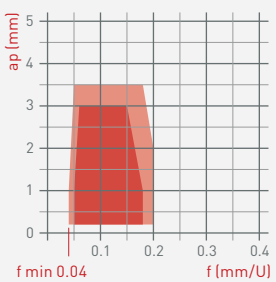
**EN-MF2**

Semi-finishing

8°

Arête de coupe honée  
Schneidkantenverrundung  
Honed edge







ap (mm)

f (mm/U)

f min 0.04

P	★★★★★
M	★★★★★
N	★★★
S	★★★

CCMT	DCMT
	
p. 7.20	p. 7.34

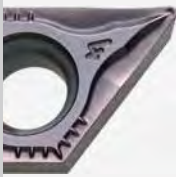
Géométries de coupe  
Spanformgeometrien  
Cutting geometries

**M**  
tolerance class

Plaquettes en métal dur  
VHM-Wendeplatten  
Carbide inserts

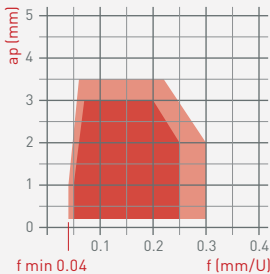
**EN-MF**

**Semi-finishing**



5°

Arête de coupe honée  
Schneidkantenverrundung  
Honed edge



ap (mm)

f (mm/U)

f min 0.04

P	★★★★★
M	★★★
N	
S	

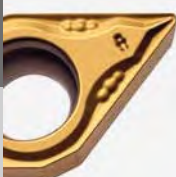
CCMT DCMT VCMT

p. 7.21 p. 7.35 p. 7.51

**EN-HF3**

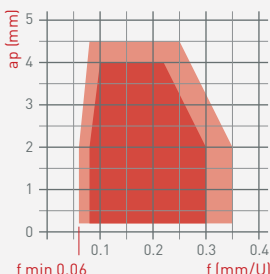
**Roughing**

**Semi-finishing**



10°

Arête de coupe honée  
Schneidkantenverrundung  
Honed edge



ap (mm)

f (mm/U)

f min 0.06

P	★★★★★
M	★★★★★
N	
S	★★★


CCMT DCMT

p. 7.21 p. 7.35

**EN-HF**

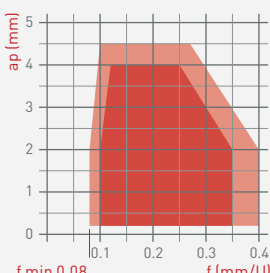
**Roughing**

**Semi-finishing**



12°

Arête de coupe honée  
Schneidkantenverrundung  
Honed edge



ap (mm)

f (mm/U)

f min 0.08

P	★★★★★
M	★★★★★
N	
S	

CCMT DCMT VCMT

p. 7.21 p. 7.35 p. 7.51

# ISO-LINE

Géométries de coupe  
Spanformgeometrien  
Cutting geometries


**G**  
tolerance class

Plaquettes en métal dur rectifiées  
VHM geschliffene WSP  
Carbide ground inserts

**FL/FR-X10**

Super-finishing

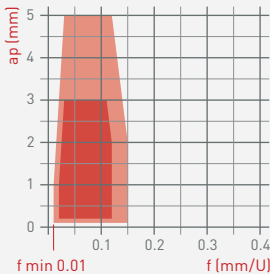
Finishing



**10°**

Arête de coupe vive  
Scharfe Schneidkante  
Sharp edge

Poli  
Poliert  
Polished




ap (mm)

f min 0.01

f (mm/U)

P	★★★★★
M	★★★★★
N	★★★★★
S	★★★★★

VCGT




p. 7.44

**ELP/ERP-X10**

Semi-finishing

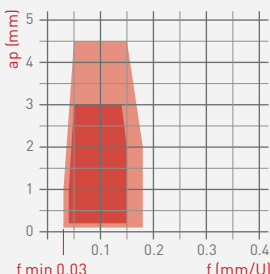
Finishing



**10°**

Arête de coupe honée  
Schneidkantenverrundung  
Honed edge

Poli  
Poliert  
Polished




ap (mm)

f min 0.03

f (mm/U)

P	★★★★★
M	★★★★★
N	★★★
S	★★★

VCGT




p. 7.44

**FN-K18**

Super-finishing

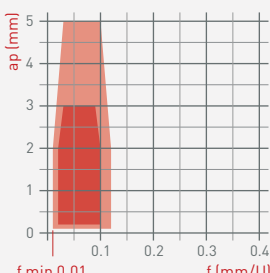
Finishing



**18°**

Arête de coupe vive  
Scharfe Schneidkante  
Sharp edge

Poli  
Poliert  
Polished




ap (mm)

f min 0.01

f (mm/U)

P	★★★★★
M	★★★★★
N	★★★★★
S	★★★★★


VCGT



p. 7.45

**FN-0**

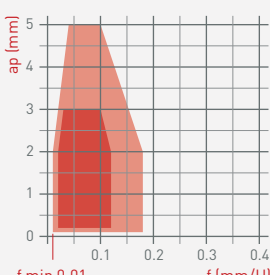
Finishing



**0°**

Arête de coupe vive  
Scharfe Schneidkante  
Sharp edge

Poli  
Poliert  
Polished




ap (mm)

f min 0.01

f (mm/U)

P	★★★
M	
N	★★★
S	

VCGW



p. 7.45

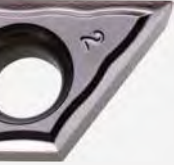
Géométries de coupe  
Spanformgeometrien  
Cutting geometries

G/M  
tolerance class

CERMET

**Finishing**

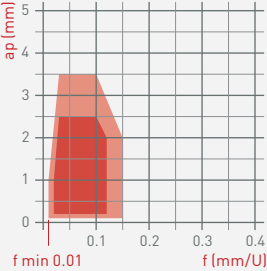
**FN-X8 CERMET**



8°

Arête de coupe vive  
Scharfe Schneidkante  
Sharp edge

Poli  
Poliert  
Polished



ap (mm)

f (mm/U)

f min 0.01

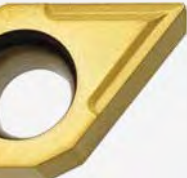
P	★★★★★
M	★★★
N	
S	

CCGT DCGT VCGT

p. 7.22 p. 7.36 p. 7.52

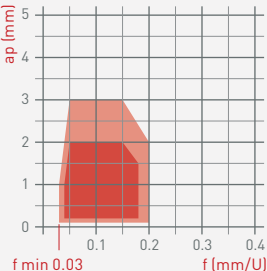
**Semi-finishing**

**ENP-KX CERMET**



8°

Arête de coupe honée  
Schneidkantenverrundung  
Honed edge



ap (mm)

f (mm/U)

f min 0.03

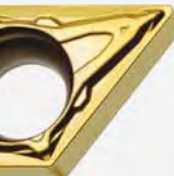
P	★★★★★
M	★★★
N	
S	

CCGT DCGT

p. 7.22 p. 7.36

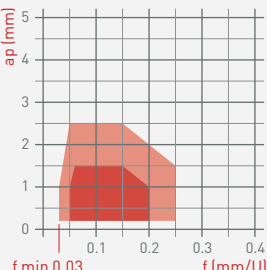
**Semi-finishing**

**EN-KM CERMET**



8°

Arête de coupe honée  
Schneidkantenverrundung  
Honed edge



ap (mm)

f (mm/U)

f min 0.03

P	★★★★★
M	★★★
N	
S	

CCMT DCMT

p. 7.23 p. 7.37