

# CUTTING TOOLS



PRICE & STOCK LIST 2014  
in €

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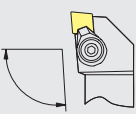
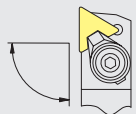
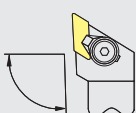
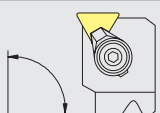

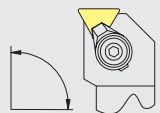

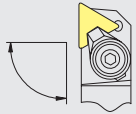
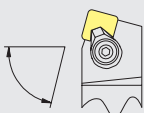
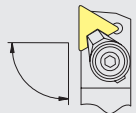
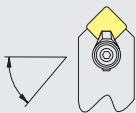

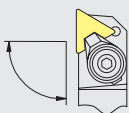
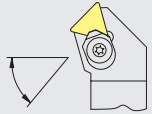
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# EcoCut



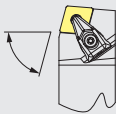
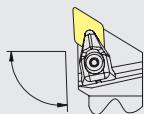
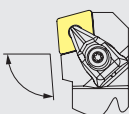
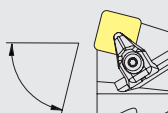
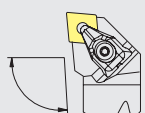
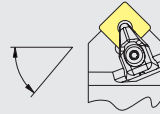
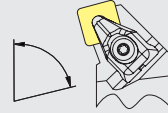
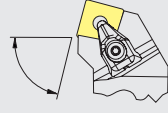
hard material matters



Designation	€ each	Designation	€ each
<b>CCLN 95°</b> 		<b>CTAP 90°</b> 	
<b>2A23</b>		<b>2A23</b>	
CCLNR 2525 M09	○ 100,00	CTAPL 2020 K16	● 86,10
		CTAPR 2020 K16	● 86,10
		CTAPL 2525 M16	● 88,50
		CTAPR 2525 M16	● 88,50
<b>CKJN 93°</b> 		<b>CTFN 90°</b> 	
<b>2A23</b>		<b>2A23</b>	
CKJNL 2525 M16	● 134,20	CTFNR 1212 F11	○ 76,20
CKJNR 2525 M16	● 134,20		
<b>CRDN 45°</b> 		<b>CTFP 90°</b> 	
<b>2A23</b>		<b>2A23</b>	
CRDNN 2525 M09	● 123,10	CTFPR 1212 F11	● 76,20
CRDNN 2525 M12	● 123,10	CTFPR 2020 K16	○ 86,10
CRDNN 3232 P09	● 147,00	CTFPL 2525 M16	○ 88,50
CRDNN 3232 P12	○ 147,00	CTFPR 2525 M16	● 88,50
CRDNN 4040 R12	○ 176,40		
<b>CRGN 90°</b> 		<b>CTGN 90°</b> 	
<b>2A23</b>		<b>2A23</b>	
CRGNR 2020 K09	○ 120,30	CTGNL 1212 F11	○ 76,20
CRGNL 2525 M09	○ 123,10	CTGNR 1212 F11	● 76,20
CRGNR 2525 M09	○ 123,10	CTGNR 2525 M11	○ 100,00
CRGNL 2525 M12	● 123,10		
CRGNR 2525 M12	● 123,10		
CRGNL 3232 P09	○ 147,00		
CRGNR 3232 P09	○ 147,00		
CRGNL 3232 P12	○ 147,00		
CRGNR 3232 P12	○ 147,00		
CRGNL 4040 R12	○ 176,40		
CRGNR 4040 R12	○ 176,40		
<b>CSBN 75°</b> 		<b>CTGP 90°</b> 	
<b>2A23</b>		<b>2A23</b>	
CSBNR 2525 M12	○ 88,50	CTGPR 1010 E11	○ 76,20
		CTGPL 1212 F11	○ 76,20
		CTGPR 1212 F11	● 76,20
<b>CSDN 45°</b> 		<b>CTRN 75°</b> 	
<b>2A23</b>		<b>2A23</b>	
CSDNN 2525 M09	○ 100,00	CTRNR 1212 F11	○ 76,20
CSDNN 2525 M12	○ 88,50		
CSDNN 3232 P123	○ 125,20		
<b>CTAN 90°</b> 		<b>CTSP 45°</b> 	
<b>2A23</b>		<b>2A23</b>	
CTANR 2020 K16	● 86,10	CTSPR 1212 F11	○ 76,20
CTANR 2525 M16	○ 88,50		

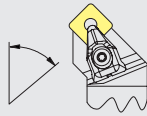
# Insert tools for turning

Tool holders for external machining

Designation	€ each	Designation	€ each
<b>DCBN 75°</b> 		<b>DDJN 93°</b> 	
<b>2A24</b>		<b>2A24</b>	
DCBNL 2525 M12-C07	○ 204,40	DDJNL 1616 H11	● 72,80
DCBNL 2525 M12	● 81,10	DDJNR 1616 H11	● 72,80
DCBNR 2525 M12	● 81,10	DDJNL 2020 K11	● 81,10
DCBNR 2525 M12-C07	○ 204,40	DDJNR 2020 K11	● 81,10
DCBNL 3225 P12-C07	○ 204,40	DDJNL 2020 K15	● 81,10
DCBNR 3225 P12-C07	○ 204,40	DDJNR 2020 K15	● 81,10
<b>DCKN 75°</b> 		<b>DSBN 75°</b> 	
<b>2A24</b>		<b>2A24</b>	
DCKNL 2525 M12-C07	○ 204,40	DSBNL 2020 K12	● 81,10
DCKNL 2525 M12	● 81,10	DSBNR 2020 K12	● 81,10
DCKNR 2525 M12	● 81,10	DSBNL 2525 M12	● 83,90
DCKNR 2525 M12-C07	○ 204,40	DSBNR 2525 M12	● 83,90
DCKNL 3225 P12-C07	○ 204,40	DSBNL 2525 M15	● 83,90
DCKNR 3225 P12-C07	○ 204,40	DSBNR 2525 M15	● 83,90
<b>DCLN 95°</b> 		<b>DSDN 45°</b> 	
<b>2A24</b>		<b>2A24</b>	
DCLNL 1616 H09	● 72,80	DSDNN 2020 K12	● 81,10
DCLNR 1616 H09	● 72,80	DSDNN 2525 M12	● 83,90
DCLNL 2020 K09	● 81,10	DSDNN 2525 M12-X07	● 86,50
DCLNR 2020 K09	● 81,10	DSDNN 2525 M12-C07	○ 204,40
DCLNL 2020 K12	● 81,10	DSDNN 3225 P12-C07	○ 204,40
DCLNR 2020 K12	● 81,10	<b>DSKN 75°</b> 	
DCLNL 2525 M12	● 83,90	<b>2A24</b>	
DCLNL 2525 M12-X07	● 86,50	DSKNL 2525 M12-X07	● 86,50
DCLNL 2525 M12-C07	○ 204,40	DSKNL 2525 M12	● 83,90
DCLNR 2525 M12-X07	● 86,50	DSKNR 2525 M12-X07	● 86,50
DCLNR 2525 M12	● 83,90	DSKNR 2525 M12	● 83,90
DCLNR 2525 M12-C07	○ 204,40	<b>DSRN 75°</b> 	
DCLNL 2525 M16	● 83,90	<b>2A24</b>	
DCLNR 2525 M16	● 83,90	DSRNL 2525 M12-X07	● 86,50
DCLNL 3225 P12	● 90,00	DSRNR 2525 M12-X07	● 86,50
DCLNL 3225 P12-C07	○ 204,40		
DCLNL 3225 P12-X07	○ 93,90		
DCLNR 3225 M12-C07	○ 275,80		
DCLNR 3225 P12-X07	○ 93,90		
DCLNR 3225 P12	● 90,00		
DCLNL 3232 P16	● 113,20		
DCLNR 3232 P16	● 113,20		
DCLNL 3232 P19	● 113,20		
DCLNR 3232 P19	● 113,20		
DCLNL 4040 S19	● 140,80		
DCLNR 4040 S19	● 140,80		
DCLNL 4040 S25	● 140,80		
DCLNR 4040 S25	● 140,80		

Designation	€ each	Designation	€ each
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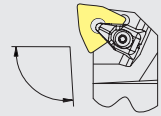
### DSSN 45°



#### 2A24

DSSNL 2020 K12	●	81,10
DSSNR 2020 K12	●	81,10
DSSNL 2525 M12	●	83,90
DSSNL 2525 M12-X07	●	86,50
DSSNL 2525 M12-C07	○	204,40
DSSNR 2525 M12-C07	○	204,40
DSSNR 2525 M12	●	83,90
DSSNR 2525 M12-X07	●	86,50
DSSNL 3225 P12-X07	○	93,90
DSSNL 3225 P12-C07	○	204,40
DSSNL 3225 P12	●	90,00
DSSNR 3225 P12-C07	○	204,40
DSSNR 3225 P12	●	90,00
DSSNR 3225 P12-X07	○	93,90

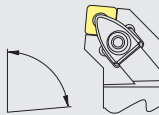
### DWLN 95°



#### 2A24

DWLN 1616 H06	●	72,80
DWLN 1616 H06	●	72,80
DWLN 2020 K06	●	81,10
DWLN 2020 K06	●	81,10
DWLN 2020 K08	●	81,10
DWLN 2020 K08	●	81,10
DWLN 2525 M06	●	83,90
DWLN 2525 M06	●	83,90
DWLN 2525 M08-C07	●	204,40
DWLN 2525 M08	●	83,90
DWLN 2525 M08-C07	●	204,40
DWLN 2525 M08	●	83,90
DWLN 3225 M08-C07	●	204,40
DWLN 3225 M08-C07	●	204,40

### DSXN 85°



#### 2A24

DSXNL 2525 M12-C07	○	204,40
DSXNR 2525 M12-C07	○	204,40
DSXNL 3225 P12-C07	○	204,40
DSXNR 3225 P12-C07	○	204,40

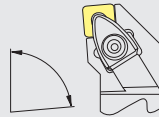
### MCLC 95°



#### 2A24

MCLCL 2020 K12	○	88,10
MCLCR 2020 K12	○	88,10
MCLCL 2525 M12	○	91,30
MCLCR 2525 M12	○	91,30

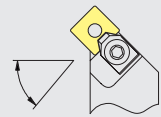
### DSYN 85°



#### 2A24

DSYNL 2525 M12-C07	○	204,40
DSYNR 2525 M12-C07	○	204,40
DSYNL 3225 P12-C07	○	204,40
DSYNR 3225 P12-C07	○	204,40

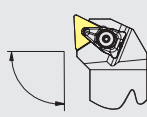
### MSSC 45°



#### 2A24

MSSCL 2020 K12	●	88,10
MSSCR 2020 K12	●	88,10
MSSCL 2525 M12	●	91,30
MSSCR 2525 M12	●	91,30
MSSCL 3225 P12	●	94,10
MSSCR 3225 P12	●	94,10

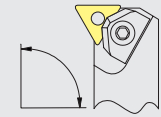
### DTJN 93°



#### 2A24

DTJNL 2020 K16	●	81,10
DTJNR 2020 K16	●	81,10
DTJNL 2525 M16	●	83,90
DTJNR 2525 M16	●	83,90

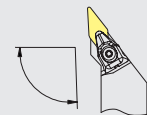
### MTFC 90°



#### 2A24

MTFCR 2525 M16	○	91,30
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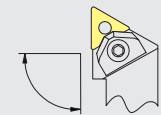
### DVJN 93°



#### 2A24

DVJNL 2020 K16	●	93,30
DVJNR 2020 K16	●	93,30
DVJNL 2525 M16	●	99,00
DVJNR 2525 M16	●	99,00

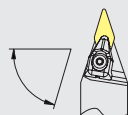
### MTGC 90°



#### 2A24

MTGCL 2020 K16	○	88,10
MTGCR 2020 K16	○	88,10
MTGCL 2525 M16	○	91,30
MTGCR 2525 M16	○	91,30
MTGCR 2525 M22	○	91,30

### DVVN 72.5°

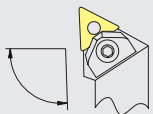
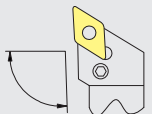
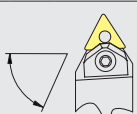
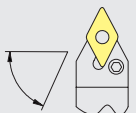
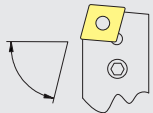

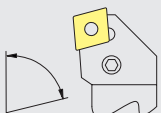
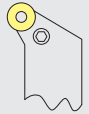
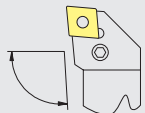


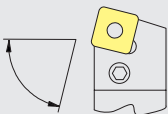
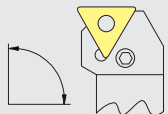
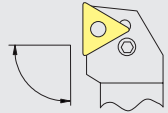
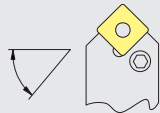
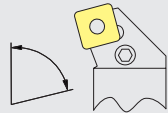
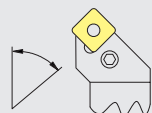
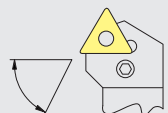
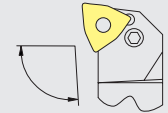
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DVVNL 2020 K16	●	93,30
DVVNL 2525 M16	●	99,00

# Insert tools for turning

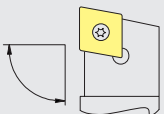

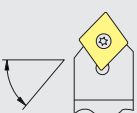


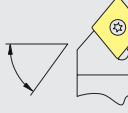

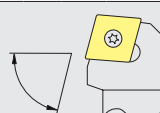
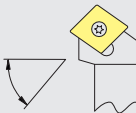
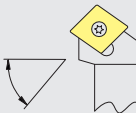
Tool holders for external machining



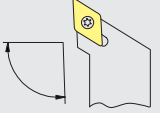

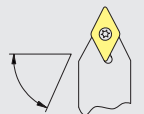

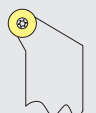
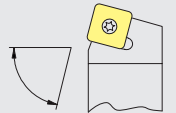
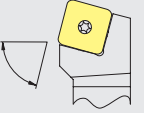
Designation	€ each	Designation	€ each
<b>MTJC 93°</b> 		<b>PDJN 93°</b> 	
<b>2A24</b>		<b>2A24</b>	
MTJCL 2020 K16	○ 88,10	PDJNL 1616 H11	● 72,80
MTJCR 2020 K16	● 88,10	PDJNR 1616 H11	● 72,80
MTJCL 2525 M16	○ 91,30	PDJNL 2020 K11	● 81,10
MTJCR 2525 M16	● 91,30	PDJNR 2020 K11	● 81,10
MTJCR 2525 M22	○ 91,30	PDJNL 2020 K15-T	● 81,10
MTJCL 3225 P16	○ 94,10	PDJNR 2020 K15-T	● 81,10
MTJCR 3225 P16	○ 94,10	PDJNL 2525 M11	● 83,90
		PDJNR 2525 M11	● 83,90
		PDJNL 2525 M15-T	● 83,90
		PDJNR 2525 M15-T	● 83,90
		PDJNL 3225 P15-T	● 90,00
		PDJNR 3225 P15-T	● 90,00
		PDJNL 3232 P15-T	● 113,20
		PDJNR 3232 P15-T	● 113,20
<b>MTNC 63°</b> 		<b>PDNN 63°</b> 	
<b>2A24</b>		<b>2A24</b>	
MTNCR 2020 K16	○ 88,10	PDNNL 2525 M11	○ 83,90
MTNCL 2525 M16	○ 91,30	PDNNR 2525 M11	● 83,90
MTNCR 2525 M16	● 91,30	PDNNL 2525 M15-T	● 83,90
		PDNNR 2525 M15-T	● 83,90
<b>PCBN 75°</b> 		<b>PRDC 45°</b> 	
<b>2A24</b>		<b>2A24</b>	
PCBNL 2525 M12-T	● 81,10	PRDCN 2525 M12-T	● 83,90
PCBNR 2525 M12-T	● 81,10	PRDCN 3225 P12-T	● 90,00
PCBNL 2525 M16-T	○ 81,10	PRDCN 3225 P16-T	● 90,00
PCBNR 2525 M16-T	● 81,10	PRDCN 3232 P20-T	● 113,20
PCBNL 3232 P19-T	● 113,20	PRDCN 4040 S25-T	● 140,80
PCBNR 3232 P19-T	● 113,20		
<b>PCKN 75°</b> 		<b>PRGC 90°</b> 	
<b>2A24</b>		<b>2A24</b>	
PCKNL 2525 M12-T	● 81,10	PRGCL 2525 M12-T	● 83,90
PCKNR 2525 M12-T	● 81,10	PRGCR 2525 M12-T	● 83,90
		PRGCL 3225 P12-T	○ 90,00
		PRGCR 3225 P12-T	○ 90,00
		PRGCR 3225 P16-T	○ 90,00
		PRGCL 3232 P20-T	○ 113,20
		PRGCR 3232 P20-T	○ 113,20
		PRGCL 4040 S25-T	○ 140,80
		PRGCR 4040 S25-T	○ 140,80
<b>PCLN 95°</b> 			
<b>2A24</b>			
PCLNL 1616 H12-T	● 72,80		
PCLNR 1616 H12-T	● 72,80		
PCLNL 2020 K12-T	● 81,10		
PCLNR 2020 K12-T	● 81,10		
PCLNL 2525 M12-T	● 83,90		
PCLNR 2525 M12-T	● 83,90		
PCLNL 2525 M16-T	● 83,90		
PCLNR 2525 M16-T	● 83,90		
PCLNL 3225 P12-T	● 90,00		
PCLNR 3225 P12-T	● 90,00		
PCLNL 3232 P16-T	● 113,20		
PCLNR 3232 P16-T	● 113,20		
PCLNL 3232 P19-T	● 113,20		
PCLNR 3232 P19-T	● 113,20		
PCLNL 4040 S19-T	● 140,80		
PCLNR 4040 S19-T	● 140,80		
PCLNL 4040 S25	● 140,80		
PCLNR 4040 S25	● 140,80		

Designation	€ each	Designation	€ each
<b>PSBN 75°</b> 			
<b>2A24</b>			
PSBNL 2020 K12-T	●	81,10	
PSBNR 2020 K12-T	○	81,10	
PSBNL 2525 M12-T	●	83,90	
PSBNR 2525 M12-T	●	83,90	
PSBNL 2525 M15-T	○	83,90	
PSBNR 2525 M15-T	○	83,90	
PSBNL 3225 P12-T	○	90,00	
PSBNR 3225 P12-T	●	90,00	
PSBNL 3232 P15-T	○	113,20	
PSBNR 3232 P15-T	○	113,20	
PSBNL 3232 P19-T	●	113,20	
PSBNR 3232 P19-T	●	113,20	
PSBNL 4040 S19-T	●	140,80	
PSBNR 4040 S19-T	●	140,80	
PSBNL 4040 S25-T	●	140,80	
PSBNR 4040 S25-T	●	140,80	
<b>PTFN 90°</b> 			
<b>2A24</b>			
PTFNL 1616 H16-T	○	72,80	
PTFNR 1616 H16-T	○	72,80	
PTFNL 2020 K16-T	●	81,10	
PTFNR 2020 K16-T	●	81,10	
PTFNL 2525 M16-T	●	83,90	
PTFNR 2525 M16-T	●	83,90	
PTFNL 2525 M22-T	○	83,90	
PTFNR 2525 M22-T	●	83,90	
PTFNL 3225 P22-T	●	90,00	
PTFNR 3225 P22-T	●	90,00	
<b>PTGN 90°</b> 			
<b>2A24</b>			
PTGNL 1616 H16-T	●	72,80	
PTGNR 1616 H16-T	●	72,80	
PTGNL 2020 K16-T	●	81,10	
PTGNR 2020 K16-T	●	81,10	
PTGNL 2525 M16-T	●	83,90	
PTGNR 2525 M16-T	●	83,90	
PTGNL 2525 M22-T	●	83,90	
PTGNR 2525 M22-T	●	83,90	
PTGNL 3225 P16-T	○	90,00	
PTGNR 3225 P16-T	●	90,00	
PTGNL 3232 P22-T	○	113,20	
PTGNR 3232 P22-T	●	113,20	
<b>PSDN 45°</b> 			
<b>2A24</b>			
PSDNN 1616 H09-T	●	72,80	
PSDNN 2020 K12-T	●	81,10	
PSDNN 2525 M12-T	●	83,90	
PSDNN 3225 P19-T	●	90,00	
PSDNN 4040 S25-T	●	140,80	
<b>PSKN 75°</b> 			
<b>2A24</b>			
PSKNL 1616 H09-T	○	72,80	
PSKNR 1616 H09-T	○	72,80	
PSKNL 2020 K12-T	●	81,10	
PSKNR 2020 K12-T	●	81,10	
PSKNL 2525 M12-T	●	83,90	
PSKNR 2525 M12-T	●	83,90	
PSKNL 3225 P12-T	○	90,00	
PSKNR 3225 P12-T	○	90,00	
PSKNR 4040 S19-T	○	140,80	
<b>PSSN 45°</b> 			
<b>2A24</b>			
PSSNL 1616 H09-T	○	72,80	
PSSNR 1616 H09-T	●	72,80	
PSSNL 2020 K12-T	○	81,10	
PSSNR 2020 K12-T	●	81,10	
PSSNL 2525 M12-T	●	83,90	
PSSNR 2525 M12-T	●	83,90	
PSSNR 2525 M15-T	○	83,90	
PSSNL 3225 P12-T	●	90,00	
PSSNR 3225 P12-T	●	90,00	
PSSNR 3232 P15-T	○	113,20	
PSSNL 3232 P19-T	●	113,20	
PSSNR 3232 P19-T	●	113,20	
PSSNR 4040 S25-T	○	140,80	
<b>PTTN 60°</b> 			
<b>2A24</b>			
PTTNL 2020 K16-T	○	81,10	
PTTNR 2020 K16-T	●	81,10	
PTTNL 2525 M22-T	○	83,90	
PTTNR 2525 M22-T	●	83,90	
<b>PWLN 95°</b> 			
<b>2A24</b>			
PWLN 1616 H06	●	72,80	
PWLN 1616 H06	●	72,80	
PWLN 2020 K06	●	81,10	
PWLN 2020 K06	●	81,10	
PWLN 2020 K08	●	81,10	
PWLN 2020 K08	●	81,10	
PWLN 2525 M06	●	83,90	
PWLN 2525 M06	●	83,90	
PWLN 2525 M08	●	83,90	
PWLN 2525 M08	●	83,90	
PWLN 3225 P08	●	90,00	
PWLN 3225 P08	●	90,00	

# Insert tools for turning

Tool holders for external machining

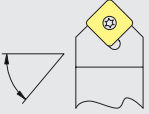
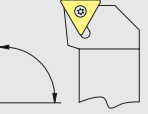
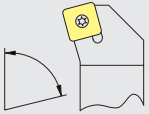
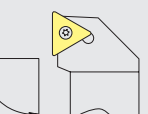


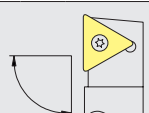
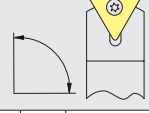
Designation	€ each	Designation	€ each
<b>SCAC 90°</b> 		<b>SCLC 95°</b> 	
<b>2A24</b>		<b>2A24</b>	
SCACL 0808 D06	○ 58,10	SCLCL 2020 K12	● 81,10
SCACL 0808 K06	○ 61,60	SCLCR 2020 K12	● 81,10
SCACR 0808 K06	● 61,60	SCLCL 2525 M12	● 83,90
SCACR 0808 D06	● 58,10	SCLCR 2525 M12	● 83,90
SCACL 1010 E06	● 61,60	SCLCL 3225 P12	● 87,20
SCACL 1010 M06	○ 61,60	SCLCR 3225 P12	● 87,20
SCACR 1010 M06	● 61,60		
SCACR 1010 E06	● 61,60		
SCACL 1212 M09	● 68,90		
SCACL 1212 F09	● 61,60		
SCACR 1212 F09	● 61,60		
SCACR 1212 M09	● 68,90		
SCACL 1414 M09	○ 68,90		
SCACR 1414 M09	○ 68,90		
SCACL 1616 H09	● 76,30		
SCACR 1616 H09	● 76,30		
SCACL 2020 K12	● 81,10		
SCACR 2020 K12	● 81,10		
<b>SCDC 45°</b> 		<b>SCLN 95°</b> 	
<b>2A24</b>		<b>2A24</b>	
SCDCL 0808 K06	● 61,60	SCLNL 4040 T32	● 197,20
SCDCL 1010 M06	● 61,60	SCLNR 4040 T32	● 197,20
SCDCL 1212 M09	● 68,90		
SCDCL 1414 M09	○ 68,90		
<b>SCFC 90°</b> 		<b>SCMC 50°</b> 	
<b>2A24</b>		<b>2A24</b>	
SCFCL 0808 D06	○ 58,10	SCMCN 1616 H12	● 76,30
SCFCR 0808 D06	○ 58,10	SCMCN 2020 K12	● 81,10
SCFCL 1010 E06	○ 61,60	SCMCN 2525 M12	● 83,90
SCFCR 1010 E06	● 61,60	SCMCN 3225 P12	○ 87,20
SCFCL 1212 F09	● 61,60		
SCFCR 1212 F09	● 61,60		
SCFCL 1616 H09	○ 76,30		
SCFCR 1616 H09	● 76,30		
SCFCL 2020 K12	○ 81,10		
SCFCR 2020 K12	○ 81,10		
<b>SCLC 95°</b> 		<b>SCRC 75°</b> 	
<b>2A24</b>		<b>2A24</b>	
SCLCL 0808 D06	○ 58,10	SCRCR 1010 E06	○ 61,60
SCLCR 0808 D06	● 58,10	SCRCL 1212 F09	○ 61,60
SCLCL 1010 E06	● 61,60	SCRCR 1212 F09	● 61,60
SCLCR 1010 E06	● 61,60	SCRCL 1616 H09	○ 76,30
SCLCL 1212 F09	● 61,60	SCRCR 1616 H09	● 76,30
SCLCR 1212 F09	● 61,60	SCRCR 1616 H12	○ 76,30
SCLCL 1616 H09	● 76,30	SCRCL 2020 K09	○ 81,10
SCLCR 1616 H09	● 76,30	SCRCR 2020 K09	● 81,10
SCLCL 1616 H12	● 76,30	SCRCL 2020 K12	○ 81,10
SCLCR 1616 H12	● 76,30	SCRCR 2020 K12	○ 81,10
SCLCL 2020 K09	● 81,10	SCRCL 2525 M12	○ 83,90
SCLCR 2020 K09	● 81,10	SCRCR 2525 M12	● 83,90
		SCRCL 3225 P12	○ 87,20
		SCRCR 3225 P12	○ 87,20
<b>SCSC 45°</b> 		<b>SCSC 45°</b> 	
<b>2A24</b>		<b>2A24</b>	
SCSCL 0808 D06	○ 58,10	SCSCR 1616 H12	● 76,30
SCLCR 0808 D06	● 58,10	SCSCL 2020 K12	● 81,10
SCLCL 1010 E06	● 61,60	SCSCR 2020 K12	● 81,10
SCLCR 1010 E06	● 61,60	SCSCL 2525 M12	● 83,90
SCLCL 1212 F09	● 61,60	SCSCR 2525 M12	● 83,90
SCLCR 1212 F09	● 61,60		
SCLCL 1616 H09	● 76,30		
SCLCR 1616 H09	● 76,30		
SCLCL 1616 H12	● 76,30		
SCLCR 1616 H12	● 76,30		
SCLCL 2020 K09	● 81,10		
SCLCR 2020 K09	● 81,10		

Designation	€ each	Designation	€ each
<b>SDAC 90°</b> 			
<b>2A24</b>			
SDACL 0808 K07	●	61,60	
SDACR 0808 K07	●	61,60	
SDACL 1010 M07	●	61,60	
SDACR 1010 M07	●	61,60	
SDACL 1212 M07	●	68,90	
SDACR 1212 M07	●	68,90	
SDACL 1212 M11	●	68,90	
SDACR 1212 M11	●	68,90	
SDACL 1414 M11	●	68,90	
SDACR 1414 M11	●	68,90	
<b>SDHC 107.5°</b> 			
<b>2A24</b>			
SDHCL 1010 E07	●	61,60	
SDHCR 1010 E07	●	61,60	
SDHCL 1212 F07	●	61,60	
SDHCR 1212 F07	●	61,60	
SDHCL 1616 H11	●	76,30	
SDHCR 1616 H11	●	76,30	
SDHCL 2020 K11	●	81,10	
SDHCR 2020 K11	●	81,10	
SDHCL 2525 M11	●	83,90	
SDHCR 2525 M11	●	83,90	
<b>SDJC 93°</b> 			
<b>2A24</b>			
SDJCL 0808 D07	○	58,10	
SDJCR 0808 D07	○	58,10	
SDJCL 1010 E07	●	61,60	
SDJCR 1010 E07	●	61,60	
SDJCL 1212 F07	●	61,60	
SDJCR 1212 F07	●	61,60	
SDJCL 1616 H11	●	76,30	
SDJCR 1616 H11	●	76,30	
SDJCL 2020 K11	●	81,10	
SDJCR 2020 K11	●	81,10	
SDJCL 2525 M11	●	83,90	
SDJCR 2525 M11	●	83,90	
SDJCL 3225 P11	●	87,20	
SDJCR 3225 P11	●	87,20	
<b>SDNC 63°</b> 			
<b>2A24</b>			
SDNCN 0808 D07	●	58,10	
SDNCN 0808 K07	●	58,10	
SDNCN 1010 E07	●	61,60	
SDNCN 1010 M07	●	61,60	
SDNCN 1212 F07	●	61,60	
SDNCN 1212 M07	●	68,90	
SDNCN 1212 M11	●	68,90	
SDNCN 1414 M11	●	68,90	
SDNCN 1616 H11	●	76,30	
SDNCN 2020 K11	●	81,10	
<b>SDNC 63°</b> 			
<b>2A24</b>			
SDNCN 2525 M11	●	83,90	
<b>SRDC 45°</b> 			
<b>2A24</b>			
SRDCN 1212 F06	●	70,20	
SRDCN 1616 H06	●	72,80	
SRDCN 1616 H08	●	72,80	
SRDCN 1616 H10	○	72,80	
SRDCN 2020 K06	●	81,10	
SRDCN 2020 K08	●	81,10	
SRDCN 2020 K10	●	81,10	
SRDCN 2525 M06	●	83,90	
SRDCN 2525 M08	●	83,90	
SRDCN 2525 M10	●	83,90	
<b>SRGC 90°</b> 			
<b>2A24</b>			
SRGCL 1212 F06	○	70,20	
SRGCR 1212 F06	○	70,20	
SRGCR 1616 H06	●	72,80	
SRGCL 1616 H08	○	72,80	
SRGCR 1616 H08	●	72,80	
SRGCL 1616 H10	○	72,80	
SRGCR 1616 H10	○	72,80	
SRGCL 2020 K06	○	81,10	
SRGCR 2020 K06	●	81,10	
SRGCR 2020 K08	●	81,10	
SRGCL 2020 K10	○	81,10	
SRGCR 2020 K10	○	81,10	
SRGCL 2525 M06	●	83,90	
SRGCR 2525 M06	●	83,90	
SRGCL 2525 M08	●	83,90	
SRGCR 2525 M08	●	83,90	
SRGCL 2525 M10	●	83,90	
SRGCR 2525 M10	●	83,90	
<b>SSBC 75°</b> 			
<b>2A24</b>			
SSBCL 1616 H09	●	76,30	
SSBCR 1616 H09	○	76,30	
SSBCR 2020 K09	●	81,10	
SSBCL 2020 K12	●	81,10	
SSBCR 2020 K12	●	81,10	
SSBCL 2525 M12	○	83,90	
SSBCR 2525 M12	●	83,90	
<b>SSBN 75°</b> 			
<b>2A24</b>			
SSBNL 4040 T31	●	197,20	
SSBNR 4040 T31	●	197,20	



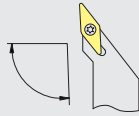
# Insert tools for turning

Tool holders for external machining

Designation	€ each	Designation	€ each
<b>SSDC 45°</b> 		<b>STFC 90°</b> 	
<b>2A24</b>		<b>2A24</b>	
SSDCN 1212 F09	● 61,60	STFCL 1212 F11	● 61,60
SSDCN 1616 H09	● 76,30	STFCR 1212 F11	● 61,60
SSDCN 1616 H12	● 76,30	STFCL 1616 H16	○ 76,30
SSDCN 2020 K09	● 81,10	STFCR 1616 H16	● 76,30
SSDCN 2020 K12	● 81,10	STFCL 2020 K16	● 81,10
SSDCN 2525 M12	● 83,90	STFCR 2020 K16	● 81,10
		STFCL 2525 M16	● 83,90
		STFCR 2525 M16	● 83,90
<b>SSKC 75°</b> 		<b>STGC 90°</b> 	
<b>2A24</b>		<b>2A24</b>	
SSKCL 1616 H09	○ 76,30	STGCL 1010 E09	○ 61,60
SSKCR 1616 H09	● 76,30	STGCR 1010 E09	○ 61,60
SSKCL 2020 K09	● 81,10	STGCL 1212 F11	● 61,60
SSKCR 2020 K09	● 81,10	STGCR 1212 F11	● 61,60
SSKCR 2020 K12	● 81,10	STGCL 1616 H16	● 76,30
SSKCR 2525 M12	● 83,90	STGCR 1616 H16	● 76,30
		STGCL 2020 K16	● 81,10
		STGCR 2020 K16	● 81,10
		STGCL 2525 M16	● 83,90
		STGCR 2525 M16	● 83,90
<b>SSSC 45°</b> 		<b>SVHC 107.5°</b> 	
<b>2A24</b>		<b>2A24</b>	
SSSCL 1212 F09	○ 61,60	SVHCL 1212 F11	● 75,60
SSSCR 1212 F09	● 61,60	SVHCR 1212 F11	● 75,60
SSSCL 1616 H09	● 76,30	SVHCL 1616 H11	● 83,90
SSSCR 1616 H09	● 76,30	SVHCR 1616 H11	● 83,90
SSSCL 1616 H12	● 76,30	SVHCL 2020 K11	● 96,20
SSSCR 1616 H12	● 76,30	SVHCR 2020 K11	● 96,20
SSSCL 2020 K09	● 81,10	SVHCL 2020 K16	● 96,20
SSSCR 2020 K09	● 81,10	SVHCR 2020 K16	● 96,20
SSSCL 2020 K12	● 81,10	SVHCL 2525 M11	● 103,10
SSSCR 2020 K12	● 81,10	SVHCR 2525 M11	● 103,10
SSSCL 2525 M12	● 83,90	SVHCL 2525 M16	● 103,10
SSSCR 2525 M12	● 83,90	SVHCR 2525 M16	● 103,10
SSSCR 3225 P12	● 87,20	SVHCL 2525 M22	● 103,10
		SVHCR 2525 M22	● 103,10
		SVHCL 3225 P16	● 111,30
		SVHCR 3225 P16	● 111,30
		SVHCL 3225 P22	○ 111,30
		SVHCR 3225 P22	● 111,30
<b>STAC 90°</b> 			
<b>2A24</b>			
STACL 1010 K09	○ 61,60		
STACR 1010 K09	○ 61,60		
STACL 1212 K11	● 68,90		
STACR 1212 K11	● 68,90		
STACR 1414 K11	○ 68,90		
<b>STCC 90°</b> 			
<b>2A24</b>			
STCCN 0808 K09	● 58,10		
STCCN 1010 K11	● 61,60		
STCCN 1212 K11	● 68,90		
STCCN 1414 K11	● 68,90		
STCCN 1616 K11	● 76,30		

Designation	€ each	Designation	€ each
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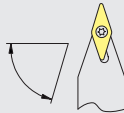
### SVJC 93°



#### 2A24

SVJCL 1212 F11	●	75,60
SVJCR 1212 F11	●	75,60
SVJCL 1616 H11	●	83,90
SVJCR 1616 H11	●	83,90
SVJCL 2020 K11	●	96,20
SVJCR 2020 K11	●	96,20
SVJCL 2020 K16	●	96,20
SVJCR 2020 K16	●	96,20
SVJCL 2525 M11	●	103,10
SVJCR 2525 M11	●	103,10
SVJCL 2525 M16	●	103,10
SVJCR 2525 M16	●	103,10
SVJCL 3225 P16	●	111,30
SVJCR 3225 P16	●	111,30

### SVVC 72.5°



#### 2A24

SVVCN 1212 F11	●	75,60
SVVCN 1616 H11	●	83,90
SVVCN 2020 K11	●	96,20
SVVCN 2020 K16	●	96,20
SVVCN 2525 M11	●	103,10
SVVCN 2525 M16	●	103,10
SVVCN 3225 P16	●	111,30

### SVZC 100°



#### 2A24

SVZCL 2525 M16	●	103,10
SVZCR 2525 M16	●	103,10

### SVZP 100°

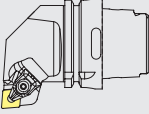
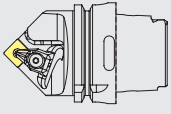
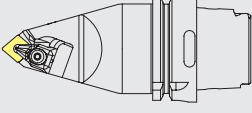
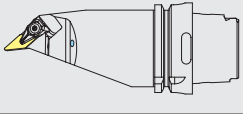
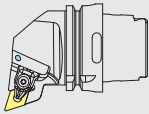
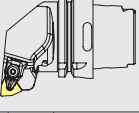
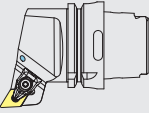
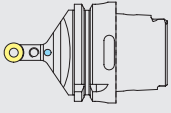
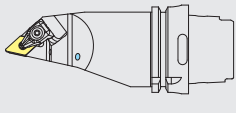
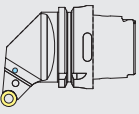
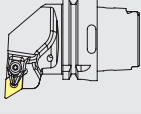
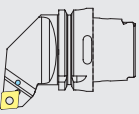
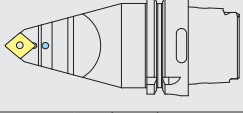


#### 2A24

SVZPL 2525 M22-16	●	103,10
SVZPR 2525 M22-16	●	103,10

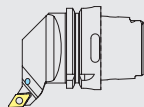
# Insert tools for turning

HSK-T cutting heads

Designation	€ each	Designation	€ each
<b>HSK-T..DCLN 95°</b> 		<b>HSK-T..DSDN 45°</b> 	
<b>2D80</b>		<b>2D80</b>	
HSK - T63 - DCLNL - 12	o 218,40	HSK - T63 - DSDNN - 12	o 218,40
HSK - T63 - DCLNL - 16	o 218,40	HSK - T63 - DSDNN - 15	o 218,40
HSK - T63 - DCLNL - 19	o 218,40	HSK - T100 - DSDNN - 12	o 256,40
HSK - T63 - DCLNR - 12	o 218,40	HSK - T100 - DSDNN - 19	o 256,40
HSK - T63 - DCLNR - 16	o 218,40		
HSK - T63 - DCLNR - 19	o 218,40		
HSK - T100 - DCLNL - 12	o 256,40		
HSK - T100 - DCLNL - 19	o 256,40		
HSK - T100 - DCLNR - 12	o 256,40		
HSK - T100 - DCLNR - 19	o 256,40		
<b>HSK-T..DCMN 50°</b> 		<b>HSK-T..DVMN 50°</b> 	
<b>2D80</b>		<b>2D80</b>	
HSK - T63 - DCMNL 12+DDMNL 15	o 565,50	HSK - T63 - DVMNL - 16	o 348,20
HSK - T63 - DCMNN - 12	o 299,60	HSK - T100 - DVMNL - 16	o 427,30
HSK - T100 - DCMNL 12+DDMNL 15	o 645,70		
HSK - T100 - DCMNN - 12	o 352,40		
<b>HSK-T..DDHN 107.5°</b> 		<b>HSK-T..DWLN 95°</b> 	
<b>2D80</b>		<b>2D80</b>	
HSK - T63 - DDHNL - 15	o 218,40	HSK - T63 - DWLNL - 08	o 218,40
HSK - T63 - DDHNR - 15	o 218,40	HSK - T63 - DWLNR - 08	o 218,40
		HSK - T100 - DWLNL - 08	o 256,40
		HSK - T100 - DWLNR - 08	o 256,40
<b>HSK-T..DDJN 93°</b> 		<b>HSK-T..PRDC 45°</b> 	
<b>2D80</b>		<b>2D80</b>	
HSK - T63 - DDJNL - 15	o 218,40	HSK - T63 - PRDCN - 12	o 218,40
HSK - T63 - DDJNR - 15	o 218,40	HSK - T100 - PRDCN - 12	o 249,00
HSK - T100 - DDJNL - 15	o 256,40	HSK - T100 - PRDCN - 16	o 249,00
HSK - T100 - DDJNR - 15	o 256,40		
<b>HSK-T..DDMN 50°</b> 		<b>HSK-T..PRSC 45°</b> 	
<b>2D80</b>		<b>2D80</b>	
HSK - T63 - DDMNL - 15	o 299,60	HSK - T63 - PRSCL - 12	o 218,40
HSK - T100 - DDMNL - 15	o 352,40	HSK - T63 - PRSCR - 12	o 218,40
		HSK - T100 - PRSCL - 12	o 249,00
		HSK - T100 - PRSCL - 16	o 249,00
		HSK - T100 - PRSCR - 12	o 249,00
		HSK - T100 - PRSCR - 16	o 249,00
<b>HSK-T..DDUN 93°</b> 		<b>HSK-T..SCLC 95°</b> 	
<b>2D80</b>		<b>2D80</b>	
HSK - T63 - DDUNL - 15	o 218,40	HSK - T63 - SCLCL - 12	o 216,30
HSK - T63 - DDUNR - 15	o 218,40	HSK - T63 - SCLCR - 12	o 216,30
HSK - T100 - DDUNL - 15	o 256,40		
HSK - T100 - DDUNR - 15	o 256,40		
		<b>HSK-T..SCMC 50°</b> 	
		<b>2D80</b>	
		HSK - T63 - SCMCN - 12	o 295,40

Designation	€ each	Designation	€ each
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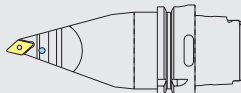
## HSK-T..SDJC 93°



2D80

HSK - T63 - SDJCL - 11	o	216,30
HSK - T63 - SDJCR - 11	o	216,30

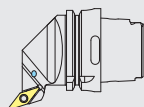
## HSK-T..SDMC 50°



2D80

HSK - T63 - SDMCL - 11	o	295,40
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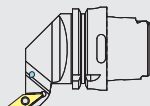
## HSK-T..SVHC 107.5°



2D80

HSK - T63 - SVHCL - 16	o	259,50
HSK - T63 - SVHCR - 16	o	259,50

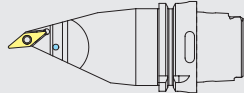
## HSK-T..SVJC 93°



2D80

HSK - T63 - SVJCL - 16	o	259,50
HSK - T63 - SVJCR - 16	o	259,50

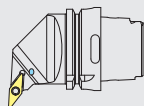
## HSK-T..SVMC 50°



2D80

HSK - T63 - SVMCL - 16	o	348,20
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## HSK-T..SVUC 93°

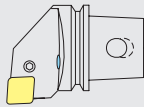
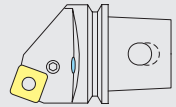
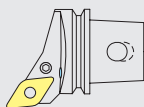
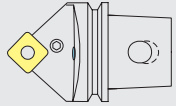
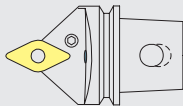
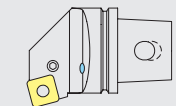
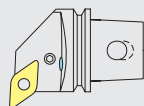
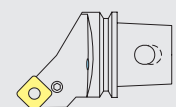
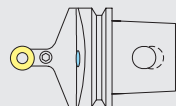
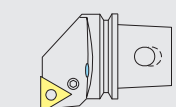
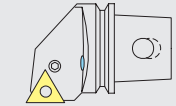
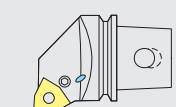


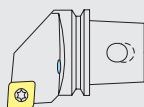
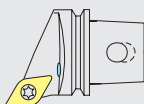
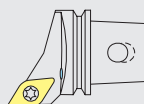
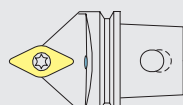
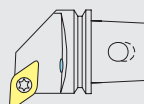
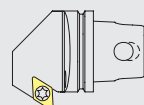
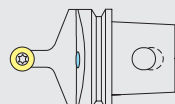
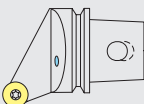
2D80

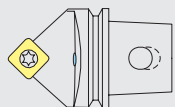
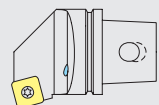
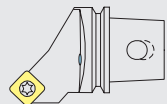
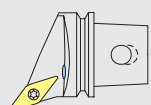
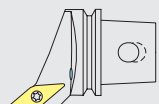
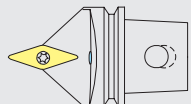
HSK - T63 - SVUCL - 16	o	259,50
HSK - T63 - SVUCR - 16	o	259,50

# Insert tools for turning

MaxiFlex UTS cutting heads

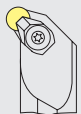
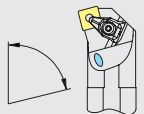
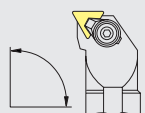



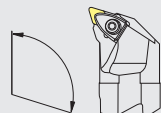
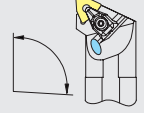
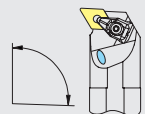
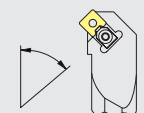
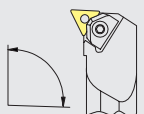
Designation	€ each	Designation	€ each
<b>UT-PCLN 95°</b> 		<b>UT-PSBN 75°</b> 	
<b>2D80</b>		<b>2D80</b>	
UT40 - PCLNL - 12	● 175,70	UT40 - PSBNL - 12	○ 175,70
UT40 - PCLNR - 12	● 175,70	UT63 - PSBNL - 19	● 228,60
UT50 - PCLNL - 12	● 198,70	UT63 - PSBNR - 19	● 228,60
UT50 - PCLNL - 16	● 198,70		
UT50 - PCLNR - 12	○ 198,70		
UT50 - PCLNR - 16	○ 198,70		
UT63 - PCLNR - 12 - MIY	○ 250,40		
UT63 - PCLNL - 12	● 228,60		
UT63 - PCLNL - 16	● 228,60		
UT63 - PCLNL - 19	● 228,60		
UT63 - PCLNR - 12	● 228,60		
UT63 - PCLNR - 16	○ 228,60		
UT63 - PCLNR - 19	○ 228,60		
<b>UT-PDJN 93°</b> 		<b>UT-PSDN 45°</b> 	
<b>2D80</b>		<b>2D80</b>	
UT40 - PDJNL - 11	○ 175,70	UT40 - PSDNN - 12	● 175,70
UT40 - PDJNL - 15	● 175,70		
UT40 - PDJNR - 11	○ 175,70		
UT40 - PDJNR - 15	● 175,70		
UT50 - PDJNL - 15	● 198,70		
UT50 - PDJNR - 15	○ 198,70		
UT63 - PDJNL - 15 - MIY	○ 250,40		
UT63 - PDJNL - 11	○ 228,60		
UT63 - PDJNL - 15	○ 228,60		
UT63 - PDJNR - 15	○ 228,60		
<b>UT-PDNN 63°</b> 		<b>UT-PSKN 75°</b> 	
<b>2D80</b>		<b>2D80</b>	
UT40 - PDNNL - 15	○ 175,70	UT40 - PSKNL - 12	○ 175,70
UT40 - PDNNR - 15	○ 175,70	UT63 - PSKNL - 19	○ 228,60
UT63 - PDNNR - 15	○ 228,60	UT63 - PSKNR - 19	○ 228,60
<b>UT-PDUN 93°</b> 		<b>UT-PSSN 45°</b> 	
<b>2D80</b>		<b>2D80</b>	
UT40 - PDUNL - 11	● 175,70	UT40 - PSSNL - 12	○ 175,70
UT40 - PDUNL - 15	○ 175,70	UT40 - PSSNR - 12	○ 175,70
UT40 - PDUNR - 11	○ 175,70	UT63 - PSSNR - 19	— 228,60
UT40 - PDUNR - 15	○ 175,70		
UT50 - PDUNL - 15	● 198,70		
UT50 - PDUNR - 15	○ 198,70		
UT63 - PDUNL - 15	● 228,60		
UT63 - PDUNR - 15	● 228,60		
<b>UT-PRDC 45°</b> 		<b>UT-PTFN 90°</b> 	
<b>2D80</b>		<b>2D80</b>	
UT50 - PRDCN - 12	○ 198,70	UT40 - PTFNL - 16	○ 175,70
		UT40 - PTFNR - 16	○ 175,70
		UT50 - PTFNL - 16	○ 198,70
		<b>UT-PTGN 90°</b> 	
		<b>2D80</b>	
		UT40 - PTGNL - 16	○ 175,70
		UT40 - PTGNR - 16	○ 175,70
		<b>UT-PWLN 95°</b> 	
		<b>2D80</b>	
		UT40 - PWLNL - 06	● 175,70
		UT40 - PWLNL - 08	● 175,70
		UT40 - PWLNR - 06	● 175,70
		UT40 - PWLNR - 08	● 175,70
		UT50 - PWLNL - 08	● 198,70
		UT50 - PWLNR - 08	● 198,70
		UT63 - PWLNL - 08 - MIY	● 250,40
		UT63 - PWLNR - 08 - MIY	○ 250,40
		UT63 - PWLNR - 08	— 228,60

Designation	€ each			Designation	€ each		
<b>UT-SCLC 95°</b>							
							
<b>2D80</b>							
UT40 - SCLCL - 12	●	175,70					
UT40 - SCLCR - 12	●	175,70					
UT50 - SCLCR - 12	○	198,70					
<b>UT-SDHC 107.5°</b>							
							
<b>2D80</b>							
UT40 - SDHCL - 11	●	175,70					
UT40 - SDHCR - 11	●	175,70					
<b>UT-SDJC 93°</b>							
							
<b>2D80</b>							
UT40 - SDJCL - 11	●	175,70					
UT40 - SDJCR - 11	●	175,70					
<b>UT-SDNC 63°</b>							
							
<b>2D80</b>							
UT40 - SDNCN - 11	●	175,70					
<b>UT-SDUC 93°</b>							
							
<b>2D80</b>							
UT40 - SDUCL - 11	●	175,70					
UT50 - SDUCL - 11	●	198,70					
UT50 - SDUCR - 11	●	198,70					
<b>UT-SDXC 93°</b>							
							
<b>2D80</b>							
UT40 - SDXCR - 11	○	175,70					
<b>UT-SRDC 45°</b>							
							
<b>2D80</b>							
UT40 - SRDCN - 10	○	175,70					
<b>UT-SRGC 90°</b>							
							
<b>2D80</b>							
UT40 - SRGCR - 06	○	175,70					
UT40 - SRGCR - 08	○	175,70					
UT40 - SRGCR - 10	○	175,70					

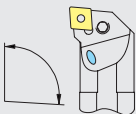
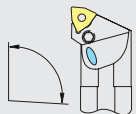
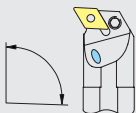
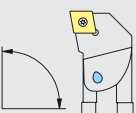
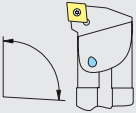
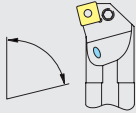
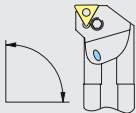
<b>UT-SSDC 45°</b>						
						
<b>2D80</b>						
UT40 - SSDCN - 12	●	175,70				
<b>UT-SSKC 75°</b>						
						
<b>2D80</b>						
UT40 - SSKCL - 12	○	175,70				
<b>UT-SSSC 45°</b>						
						
<b>2D80</b>						
UT40 - SSSCL - 12	●	175,70				
UT40 - SSSCR - 12	○	175,70				
<b>UT-SVHC 107.5°</b>						
						
<b>2D80</b>						
UT40 - SVHCL - 16	●	196,10				
UT40 - SVHCR - 16	●	196,10				
UT63 - SVHCL - 16	○	239,60				
UT63 - SVHCR - 16	○	239,60				
<b>UT-SVJC 93°</b>						
						
<b>2D80</b>						
UT40 - SVJCL - 16	●	196,10				
UT40 - SVJCR - 16	●	196,10				
UT50 - SVJCL - 16	○	215,50				
UT50 - SVJCR - 16	●	215,50				
UT63 - SVJCL - 16 - MIY	—	250,40				
UT63 - SVJCL - 16 - 100 - MIY	○	303,30				
UT63 - SVJCL - 16	○	239,60				
UT63 - SVJCR - 16	○	239,60				
<b>UT-SVVC 72.5°</b>						
						
<b>2D80</b>						
UT40 - SVVCN - 16	○	196,10				

# Insert tools for turning

Tool holders for internal machining

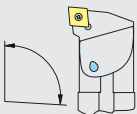
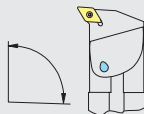
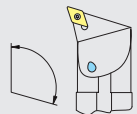
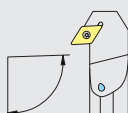

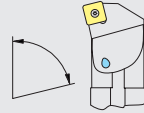
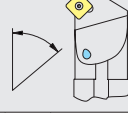
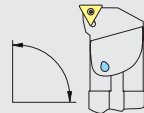
Designation	€ each	Designation	€ each
<b>CRSN 45°</b> 		<b>DSKN 75°</b> 	
2A23		2A24	
S32U CRSNR 09	○ 322,10	A32S DSKNL 12	● 219,10
		A32S DSKNR 12	● 219,10
		S40T DSKNL 12-C07	○ 372,30
		S40T DSKNR 12-C07	○ 372,30
<b>CTFP 90°</b> 		<b>DSSN 45°</b> 	
2A23		2A24	
S12Q CTFPL 11	○ 102,10	S40T DSSNL 12-C07	○ 372,30
S12Q CTFPR 11	● 102,10	S40T DSSNR 12-C07	○ 372,30
S16R CTFPL 11	● 102,10		
S16R CTFPR 11	● 102,10		
S20S CTFPL 11	○ 124,50		
S20S CTFPR 11	● 124,50		
S25T CTFPL 16	○ 147,00		
S25T CTFPR 16	● 147,00		
S32U CTFPL 16	○ 199,30		
S32U CTFPR 16	● 199,30		
<b>DCLN 95°</b> 		<b>DSYN 85°</b> 	
2A24		2A24	
A20Q DCLNL 09	● 190,20	S40T DSYNL 12-C07	○ 372,30
A20Q DCLNR 09	● 190,20	S40T DSYNR 12-C07	○ 372,30
A25R DCLNL 12	● 211,90		
A25R DCLNR 12	● 211,90		
A32S DCLNL 12	● 219,10		
A32S DCLNR 12	● 219,10		
A40T DCLNL 12	● 244,20		
A40T DCLNR 12	● 244,20		
S40T DCLNL 12-C07	○ 372,30		
S40T DCLNR 12-C07	○ 372,30		
A50U DCLNL 16	● 302,20		
<b>DDQN 107.5°</b> 		<b>DWLN 95°</b> 	
2A24		2A24	
S40T DDQNL 12-C07	○ 372,30	A25R DWLNL 06	● 211,90
S40T DDQNR 12-C07	○ 372,30	A25R DWLNR 06	● 211,90
		A32S DWLNL 08	● 219,10
		A32S DWLNR 08	● 219,10
		A40T DWLNL 08	● 244,20
		A40T DWLNR 08	● 244,20
		S25T DWLNR 08	● 211,90
		S32U DWLNR 08	● 219,10
		S40T DWLNL 08-C07	○ 372,30
		S40T DWLNR 08-C07	○ 372,30
		S40V DWLNR 08	● 244,20
<b>DDUN 93°</b> 		<b>MSSC 45°</b> 	
2A24		2A24	
A25R DDUNL 11	● 211,90	S32S MSSCL 12	○ 215,50
A25R DDUNR 11	● 211,90	S32S MSSCR 12	● 215,50
A32S DDUNL 11	● 219,10		
A32S DDUNR 11	● 219,10		
S40T DDUNL 12-C07	○ 372,30		
S40T DDUNR 12-C07	○ 372,30		
A40T DDUNL 15	● 244,20		
A40T DDUNR 15	● 244,20		
		<b>MTUC 93°</b> 	
		2A24	
		S32S MTUCL 16	○ 215,50
		S32S MTUCR 16	● 215,50
		S40T MTUCR 16	● 256,30



Designation	€ each	Designation	€ each
<b>PCLN 95°</b> 			
<b>2A24</b>			
A25R PCLNL 12	●	211,90	
A25R PCLNR 12	●	211,90	
A32S PCLNL 12	●	219,10	
A32S PCLNR 12	●	219,10	
A40T PCLNL 12	●	244,20	
A40T PCLNR 12	●	244,20	
S25T PCLNL 12	●	211,90	
S25T PCLNR 12	●	211,90	
S32U PCLNL 12	●	219,10	
S32U PCLNR 12	●	219,10	
S40V PCLNL 12	●	244,20	
S40V PCLNR 12	●	244,20	
S50W PCLNL 16	●	302,20	
S50W PCLNR 16	●	302,20	
<b>PWLN 95°</b> 			
<b>2A24</b>			
A16M PWLNL 06	●	172,10	
A16M PWLNR 06	●	172,10	
A20Q PWLNL 06-1	●	190,20	
A20Q PWLNR 06-1	●	190,20	
A25R PWLNL 06	●	211,90	
A25R PWLNR 06	●	211,90	
A32S PWLNL 06	●	219,10	
A32S PWLNR 06	●	219,10	
A32S PWLNL 08	○	219,10	
A32S PWLNR 08	●	219,10	
A40T PWLNL 08	○	244,20	
A40T PWLNR 08	●	244,20	
<b>PDUN 93°</b> 			
<b>2A24</b>			
A20Q PDUNL 11	●	190,20	
A20Q PDUNR 11	●	190,20	
A25R PDUNL 11	●	211,90	
A25R PDUNR 11	●	211,90	
A32S PDUNL 11	●	219,10	
A32S PDUNR 11	●	219,10	
A32S PDUNL 15	●	219,10	
A32S PDUNR 15	●	219,10	
A40T PDUNL 15	●	244,20	
A40T PDUNR 15	●	244,20	
S50W PDUNL 15	○	302,20	
S50W PDUNR 15	●	302,20	
<b>SCFC 90°</b> 			
<b>2A24</b>			
A08F SCFCL 06	●	92,10	
A08F SCFCR 06	●	92,10	
A10H SCFCL 06	●	92,10	
A10H SCFCR 06	●	92,10	
A12K SCFCL 06	○	92,10	
A12K SCFCR 06	●	92,10	
<b>SCLC 95°</b> 			
<b>2A24</b>			
A08F SCLCL 06	●	92,10	
A08F SCLCR 06	●	92,10	
A10H SCLCL 06	●	92,10	
A10H SCLCR 06	●	92,10	
A12K SCLCL 06	●	92,10	
A12K SCLCR 06	●	92,10	
E08H SCLCL 06	●	209,40	
E08H SCLCR 06	●	209,40	
E10K SCLCL 06	●	241,90	
E10K SCLCR 06	●	241,90	
E12Q SCLCL 06	●	317,80	
E12Q SCLCR 06	●	317,80	
S08H SCLCL 06	●	92,10	
S08H SCLCR 06	●	92,10	
S10K SCLCL 06	●	92,10	
S10K SCLCR 06	●	92,10	
S12Q SCLCL 06	●	92,10	
S12Q SCLCR 06	●	92,10	
A16M SCLCL 09	●	94,10	
A16M SCLCR 09	●	94,10	
A20Q SCLCL 09	●	117,30	
A20Q SCLCR 09	●	117,30	
A25R SCLCL 09	●	134,80	
A25R SCLCR 09	●	134,80	
E16R SCLCL 09	●	415,20	
E16R SCLCR 09	●	415,20	
E20S SCLCL 09	●	518,70	
E20S SCLCR 09	●	518,70	
E25T SCLCL 09	●	914,70	
E25T SCLCR 09	●	914,70	
S16R SCLCL 09	●	94,10	
S16R SCLCR 09	●	94,10	
<b>PSKN 75°</b> 			
<b>2A24</b>			
A25R PSKNL 12	○	211,90	
A25R PSKNR 12	●	211,90	
A32S PSKNL 12	●	219,10	
A32S PSKNR 12	●	219,10	
A40T PSKNL 12	○	244,20	
A40T PSKNR 12	○	244,20	
<b>PTFN 90°</b> 			
<b>2A24</b>			
A16M PTFNL 11	○	140,80	
A16M PTFNR 11	●	140,80	
A20Q PTFNL 11	○	190,20	
A20Q PTFNR 11	●	190,20	
A25R PTFNL 16	●	211,90	
A25R PTFNR 16	●	211,90	
A32S PTFNL 16	○	219,10	
A32S PTFNR 16	●	219,10	
S25T PTFNR 16	●	211,90	
A40T PTFNL 22	○	244,20	
A40T PTFNR 22	○	244,20	
S50W PTFNR 22	○	302,20	

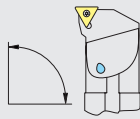
# Insert tools for turning

Tool holders for internal machining

Designation	€ each	Designation	€ each
<b>SCLC 95°</b> 		<b>SDUC 93°</b> 	
<b>2A24</b>		<b>2A24</b>	
S20S SCLCL 09	● 117,30	S32U SDUCR 11	● 185,40
S20S SCLCR 09	● 117,30		
S25T SCLCL 09	● 134,80		
S25T SCLCR 09	● 134,80		
A32S SCLCL 12	● 185,40		
A32S SCLCR 12	● 185,40		
A40T SCLCL 12	● 222,60		
A40T SCLCR 12	● 222,60		
<b>SDQC 107.5°</b> 		<b>SDXC 93°</b> 	
<b>2A24</b>		<b>2A24</b>	
A12K SDQCL 07	● 92,10	A12K SDXCL 07	● 92,10
A12K SDQCR 07	● 92,10	A12K SDXCR 07	● 92,10
A16M SDQCL 07	● 94,10	A16M SDXCL 07	● 94,10
A16M SDQCR 07	● 94,10	A16M SDXCR 07	● 94,10
A20Q SDQCL 07	● 117,30	A20Q SDXCL 11	● 117,30
A20Q SDQCR 07	● 117,30	A20Q SDXCR 11	● 117,30
A25R SDQCL 11	● 134,80	A25R SDXCL 11	● 134,80
A25R SDQCR 11	● 134,80	A25R SDXCR 11	● 134,80
A32S SDQCL 11	● 185,40		
A32S SDQCR 11	● 185,40		
A40T SDQCL 11	● 222,60		
A40T SDQCR 11	● 222,60		
<b>SDUC 93°</b> 		<b>SSKC 75°</b> 	
<b>2A24</b>		<b>2A24</b>	
A12K SDUCL 07	● 92,10	A16M SSKCL 09	○ 94,10
A12K SDUCR 07	● 92,10	A16M SSKCR 09	● 94,10
A16M SDUCL 07	● 94,10	A20Q SSKCL 09	● 117,30
A16M SDUCR 07	● 94,10	A20Q SSKCR 09	○ 117,30
A20Q SDUCL 07	● 117,30	A25R SSKCL 09	● 134,80
A20Q SDUCR 07	● 117,30	A25R SSKCR 09	○ 134,80
E12Q SDUCL 07	● 317,80		
E12Q SDUCR 07	● 317,80		
E16R SDUCL 07	● 415,20		
E16R SDUCR 07	● 415,20		
S12Q SDUCL 07	● 92,10		
S12Q SDUCR 07	● 92,10		
S16R SDUCL 07	● 94,10		
S16R SDUCR 07	● 94,10		
S20S SDUCR 07	● 117,30		
A20Q SDUCL 11	● 117,30		
A20Q SDUCR 11	● 117,30		
A25R SDUCL 11	● 134,80		
A25R SDUCR 11	● 134,80		
A32S SDUCL 11	● 185,40		
A32S SDUCR 11	● 185,40		
A40T SDUCL 11	● 222,60		
A40T SDUCR 11	● 222,60		
E20S SDUCL 11	● 518,70		
E20S SDUCR 11	● 518,70		
E25T SDUCL 11	● 914,70		
E25T SDUCR 11	● 914,70		
S20S SDUCR 11	● 117,30		
S25T SDUCL 11	● 134,80		
S25T SDUCR 11	● 134,80		
<b>SSSC 45°</b> 		<b>STFC 90°</b> 	
<b>2A24</b>		<b>2A24</b>	
A16M SSSCL 09	● 94,10	A10H STFCL 09	● 92,10
A16M SSSCR 09	● 94,10	A10H STFCR 09	● 92,10
A20Q SSSCL 09	● 117,30	A12K STFCL 11	● 92,10
A20Q SSSCR 09	● 117,30	A12K STFCR 11	● 92,10
A25R SSSCL 09	● 134,80	A16M STFCL 11	● 94,10
A25R SSSCR 09	● 134,80	A16M STFCR 11	● 94,10
S16R SSSCR 09	● 94,10	A20Q STFCL 11	● 117,30
A32S SSSCL 12	● 185,40	A20Q STFCR 11	● 117,30
A32S SSSCR 12	● 185,40	S16R STFCL 11	● 94,10
A40T SSSCL 12	○ 222,60	S20S STFCL 11	● 117,30
A40T SSSCR 12	● 222,60	A25R STFCL 16	● 134,80
		A25R STFCL 16	● 134,80

Designation	€ each	Designation	€ each
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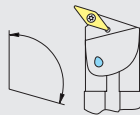
## STFC 90°



2A24

A32S STFCCL 16	●	185,40
A32S STFCR 16	●	185,40
A40T STFCCL 16	○	222,60
A40T STFCR 16	●	222,60

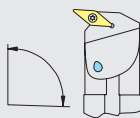
## SVQC 107.5°



2A24

A16M SVQCL 11	●	120,00
A16M SVQCR 11	●	120,00
A20Q SVQCL 11	●	138,40
A20Q SVQCR 11	●	138,40
A25R SVQCL 11	●	169,60
A25R SVQCR 11	●	169,60
A32S SVQCL 16	●	203,40
A32S SVQCR 16	●	203,40
A40T SVQCL 16	●	236,00
A40T SVQCR 16	●	236,00

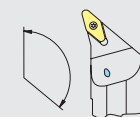
## SVUC 93°



2A24

A16M SVUCL 11	●	120,00
A16M SVUCR 11	●	120,00
A20Q SVUCL 11	●	138,40
A20Q SVUCR 11	●	138,40
A25R SVUCL 11	●	169,60
A25R SVUCR 11	●	169,60
E16R SVUCL 11	●	459,80
E16R SVUCR 11	●	459,80
E20S SVUCL 11	●	545,30
E20S SVUCR 11	●	545,30
E25T SVUCL 11	●	954,40
E25T SVUCR 11	●	954,40
A32S SVUCL 16	●	203,40
A32S SVUCR 16	●	203,40
A40T SVUCL 16	●	236,00
A40T SVUCR 16	●	236,00

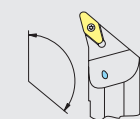
## SVXC 130°



2A24

A40S SVXCL 22	●	236,00
A40S SVXCR 22	●	236,00

## SVXP 130°

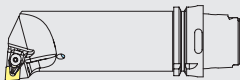
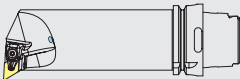
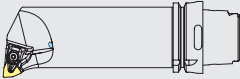
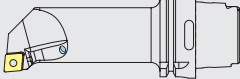
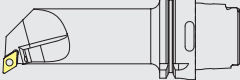
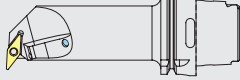


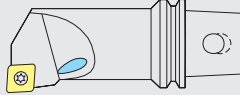
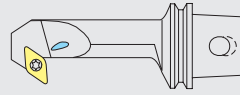
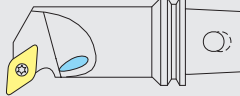
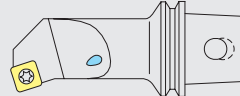
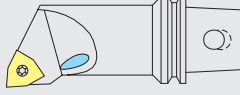
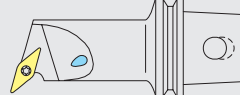
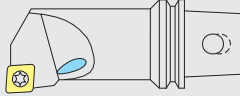

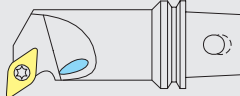
2A24

A40S SVXPL 22-16	●	236,00
A40S SVXPR 22-16	●	236,00

# Insert tools for turning

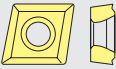

HSK-T boring bars

Designation	€ each		Designation	€ each	
<b>HSK-T..DCLN 95°</b>					
					
<b>2D80</b>					
HSK - T63 - 50Q - DCLNL - 12	o	299,60			
HSK - T63 - 50Q - DCLNR - 12	o	299,60			
<b>HSK-T..DDUN 93°</b>					
					
<b>2D80</b>					
HSK - T63 - 50Q - DDUNL - 15	o	299,60			
HSK - T63 - 50Q - DDUNR - 15	o	299,60			
<b>HSK-T..DWLN 95°</b>					
					
<b>2D80</b>					
HSK - T63 - 50Q - DWLNL - 08	o	299,60			
HSK - T63 - 50Q - DWLNR - 08	o	299,60			
<b>HSK-T..SCLC 95°</b>					
					
<b>2D80</b>					
HSK - T63 - 40L - SCLCL - 12	o	297,50			
HSK - T63 - 40L - SCLCR - 12	o	297,50			
<b>HSK-T..SDUC 93°</b>					
					
<b>2D80</b>					
HSK - T63 - 40L - SDUCL - 11	o	297,50			
HSK - T63 - 40L - SDUCR - 11	o	297,50			
<b>HSK-T..SVUC 93°</b>					
					
<b>2D80</b>					
HSK - T63 - 40L - SVUCL - 16	o	346,00			
HSK - T63 - 40L - SVUCR - 16	o	346,00			

Designation	€ each	Designation	€ each
<b>UT-PCLN 95°</b> 		<b>UT-SDXC 93°</b> 	
<b>2D80</b>		<b>2D80</b>	
UT40 - 25G - PCLNL - 12	○ 249,20	UT40 - 20D - SDXCL - 11	○ 250,40
UT40 - 25G - PCLNR - 12	○ 249,20	UT40 - 20D - SDXCR - 11	○ 250,40
UT40 - 32H - PCLNL - 12	● 249,20	UT40 - 32F - SDXCL - 11	○ 250,40
UT40 - 32H - PCLNR - 12	○ 249,20	UT40 - 32F - SDXCR - 11	○ 250,40
UT63 - 32L - PCLNR - 12 - MIY	○ 340,70		
<b>UT-PDUN 93°</b> 		<b>UT-SSKC 75°</b> 	
<b>2D80</b>		<b>2D80</b>	
UT40 - 25G - PDUNL - 11	○ 249,20	UT40 - 20D - SSKCL - 09	● 250,40
UT40 - 25G - PDUNR - 11	– 249,20	UT40 - 32F - SSKCL - 12	○ 250,40
UT40 - 32H - PDUNL - 15	○ 249,20		
UT50 - 25G - PDUNL - 11	– 281,60		
UT50 - 40J - PDUNR - 15	○ 281,60		
UT63 - 32H - PDUNR - 15	○ 318,90		
UT63 - 40J - PDUNR - 15	○ 318,90		
<b>UT-PWLN 95°</b> 		<b>UT-SVQC 107.5°</b> 	
<b>2D80</b>		<b>2D80</b>	
UT40 - 25G - PWLNL - 06	○ 249,20	UT40 - 20D - SVQCL - 11	○ 268,40
UT40 - 32H - PWLNR - 08	● 249,20	UT40 - 20D - SVQCR - 11	○ 268,40
UT63 - 40J - PWLNR - 08	○ 318,90	UT40 - 25E - SVQCL - 11	○ 268,40
		UT40 - 32F - SVQCL - 16	● 268,40
<b>UT-SCLC 95°</b> 		<b>UT-SVUC 93°</b> 	
<b>2D80</b>		<b>2D80</b>	
UT40 - 20D - SCLCL - 09	● 250,40	UT40 - 20D - SVUCL - 11	● 268,40
UT40 - 20D - SCLCR - 09	● 250,40	UT40 - 20D - SVUCR - 11	○ 268,40
UT40 - 25G - SCLCL - 09	● 250,40	UT40 - 25E - SVUCL - 11	○ 268,40
UT40 - 25G - SCLCR - 09	○ 250,40	UT40 - 25E - SVUCR - 11	○ 268,40
UT40 - 32F - SCLCL - 12	○ 250,40	UT40 - 32F - SVUCL - 16	○ 268,40
UT40 - 32F - SCLCR - 12	○ 250,40	UT40 - 32F - SVUCR - 16	● 268,40
UT40 - 32J - SCLCL - 12	○ 250,40		
UT40 - 32J - SCLCR - 12	○ 250,40		
UT50 - 32K - SCLCR - 12	○ 281,60		
<b>UT-SDUC 93°</b> 			
<b>2D80</b>			
UT40 - 20D - SDUCL - 11	● 250,40		
UT40 - 20D - SDUCR - 11	○ 250,40		
UT40 - 25E - SDUCL - 11	○ 250,40		
UT40 - 25E - SDUCR - 11	○ 250,40		
UT40 - 32F - SDUCL - 11	● 250,40		
UT40 - 32F - SDUCR - 11	○ 250,40		

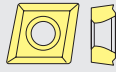
# Insert tools for turning

Inserts for turning

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each		
<div>CCGT</div>				<div>CCGT</div>					
CCGT 060200FN - F23	CTP2120	1A08	●	12,83	CCGT 120408FN - 27	H10T	1A90	●	11,80
CCGT 060201FN - F23	CTP2120	1A08	●	12,83					
CCGT 060202EN - SF	CTCP125	1A08	●	12,83					
CCGT 060202EN - SF	CTCP135	1A08	●	12,83					
CCGT 060202EN - SF	CTC1135	1A08	●	12,83					
CCGT 060202EN - SF	TCM10	1A78	●	12,42					
CCGT 060202EN - SF	TCM407	1A78	●	12,42					
CCGT 060202EN - SM	CTCP125	1A08	●	12,83					
CCGT 060202EN - SM	CTC1135	1A08	●	12,83					
CCGT 060202FN - 23P	H216T	1A90	●	10,09					
CCGT 060202FN - 25P	AMZ	1A90	●	12,01					
CCGT 060202FN - 25P	H210T	1A90	●	10,09					
CCGT 060202FN - 27	AMZ	1A90	●	11,49					
CCGT 060202FN - 27	H10T	1A90	●	9,46					
CCGT 060204EN - SF	TCC410	1A78	●	12,83					
CCGT 060204EN - SF	TCM10	1A78	●	12,42					
CCGT 060204EN - SF	TCM407	1A78	●	12,42					
CCGT 060204FN - 23P	H216T	1A90	●	10,09					
CCGT 060204FN - 25P	AMZ	1A90	●	12,01					
CCGT 060204FN - 25P	H210T	1A90	●	10,09					
CCGT 060204FN - 25Q	H210T	1A90	●	10,97					
CCGT 060204FN - 27	AMZ	1A90	●	11,49					
CCGT 060204FN - 27	H10T	1A90	●	9,46					
CCGT 09T300FN - F23	CTP2120	1A08	●	14,80					
CCGT 09T301FN - F23	CTP2120	1A08	●	14,80					
CCGT 09T302EN - SF	TCC410	1A78	●	13,66					
CCGT 09T302EN - SF	TCM10	1A78	●	12,83					
CCGT 09T302EN - SF	TCM407	1A78	●	12,83					
CCGT 09T302FN - 25P	AMZ	1A90	●	12,32					
CCGT 09T302FN - 25P	H210T	1A90	●	10,56					
CCGT 09T302FN - 27	AMZ	1A90	○	11,80					
CCGT 09T302FN - 27	H10T	1A90	●	10,09					
CCGT 09T304EN - SF	TCC410	1A78	●	13,66					
CCGT 09T304EN - SF	TCM10	1A78	●	12,83					
CCGT 09T304EN - SF	TCM407	1A78	○	12,83					
CCGT 09T304FN - 23P	H216T	1A90	●	10,56					
CCGT 09T304FN - 25P	AMZ	1A90	●	12,32					
CCGT 09T304FN - 25P	H210T	1A90	●	10,56					
CCGT 09T304FN - 25Q	H210T	1A90	●	11,59					
CCGT 09T304FN - 27	AMZ	1A90	●	11,80					
CCGT 09T304FN - 27	H10T	1A90	●	10,09					
CCGT 09T308EN - SF	TCM10	1A78	●	12,83					
CCGT 09T308FN - 23P	H216T	1A90	●	10,56					
CCGT 09T308FN - 25P	AMZ	1A90	○	12,32					
CCGT 09T308FN - 25P	H210T	1A90	●	10,56					
CCGT 09T308FN - 25Q	H210T	1A90	●	11,59					
CCGT 09T308FN - 27	AMZ	1A90	●	11,80					
CCGT 09T308FN - 27	H10T	1A90	●	10,09					
CCGT 120402FN - 25P	H210T	1A90	●	12,32					
CCGT 120402FN - 27	AMZ	1A90	○	14,70					
CCGT 120402FN - 27	H10T	1A90	●	11,80					
CCGT 120404EN - SF	TCM10	1A78	●	16,04					
CCGT 120404FN - 25P	AMZ	1A90	●	15,73					
CCGT 120404FN - 25P	H210T	1A90	●	12,32					
CCGT 120404FN - 25Q	H210T	1A90	●	13,66					
CCGT 120404FN - 27	AMZ	1A90	●	14,70					
CCGT 120404FN - 27	H10T	1A90	●	11,80					
CCGT 120408FN - 25P	AMZ	1A90	●	15,73					
CCGT 120408FN - 25P	H210T	1A90	●	12,32					
CCGT 120408FN - 25Q	H210T	1A90	●	13,66					
CCGT 120408FN - 25Q	H216T	1A90	●	13,66					
CCGT 120408FN - 27	AMZ	1A90	●	14,70					

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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## CCMT



CCMT 09T304EN-29	H216T	1A90	●	7,74
CCMT 09T308EN-F43	CTC2135	1A08	●	8,96
CCMT 09T308EN-M25	CTPM125	1A08	●	8,98
CCMT 09T308EN-M55	CTPM125	1A08	●	8,98
CCMT 09T308EN-SF	CTCP115	1A08	●	8,98
CCMT 09T308EN-SF	CTCP125	1A08	●	8,98
CCMT 09T308EN-SM	CTCK120	1A08	●	8,96
CCMT 09T308EN-SM	CTCP115	1A08	●	8,98
CCMT 09T308EN-SM	CTCP125	1A08	●	8,98
CCMT 09T308EN-SM	CTCP135	1A08	●	8,98
CCMT 09T308EN-SM	CTC1135	1A08	●	8,96
CCMT 09T308EN-SM	CTC2135	1A08	●	8,96
CCMT 09T308EN-SM	CTC3110	1A08	●	8,96
CCMT 09T308EN-SMF	CTCP115	1A08	●	8,98
CCMT 09T308EN-SMF	CTCP125	1A08	●	8,98
CCMT 09T308EN-SMF	TCM10	1A78	●	8,35
CCMT 09T308EN-SMQ	CTCP125	1A08	●	10,09
CCMT 09T308EN-29	AMZ	1A90	○	8,99
CCMT 09T308EN-29	H216T	1A90	○	7,74
CCMT 09T312EN-SM	CTCK120	1A08	●	8,96
CCMT 120404EN-M55	CTPM125	1A08	●	12,63
CCMT 120404EN-SF	CTCP125	1A08	●	12,63
CCMT 120404EN-SM	CTCP115	1A08	●	12,63
CCMT 120404EN-SM	CTCP125	1A08	●	12,63
CCMT 120404EN-SM	CTCP135	1A08	●	12,63
CCMT 120404EN-SM	CTC1135	1A08	●	12,63
CCMT 120404EN-SM	CTC2135	1A08	●	12,63
CCMT 120404EN-SMF	CTCP125	1A08	●	12,63
CCMT 120404EN-SMF	TCC410	1A78	○	12,63
CCMT 120404EN-SMF	TCM10	1A78	●	11,90
CCMT 120404EN-SMQ	CTCP125	1A08	●	14,18
CCMT 120408EN-M55	CTPM125	1A08	●	12,63
CCMT 120408EN-SF	CTCP125	1A08	●	12,63
CCMT 120408EN-SM	CTCP115	1A08	●	12,63
CCMT 120408EN-SM	CTCP125	1A08	●	12,63
CCMT 120408EN-SM	CTCP135	1A08	●	12,63
CCMT 120408EN-SM	CTC1135	1A08	●	12,63
CCMT 120408EN-SM	CTC2135	1A08	●	12,63
CCMT 120408EN-SM	CTC3110	1A08	●	12,63
CCMT 120408EN-SMF	CTCP115	1A08	●	12,63
CCMT 120408EN-SMF	CTCP135	1A08	●	12,63
CCMT 120408EN-SMF	CTC1135	1A08	●	12,63
CCMT 120408EN-SMQ	CTCP115	1A08	●	14,18
CCMT 120408EN-SMQ	CTCP125	1A08	●	14,18
CCMT 120412EN-SM	CTCP125	1A08	●	12,63

## CCMX



CCMX 120408EN	CTCP125	1A08	○	11,49
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## CNGM



CNGM 190612FN-27	H10T	1A90	●	20,29
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## CNGP



CNGP 120402FN-F32	CTP2120	1A08	●	14,18
CNGP 120404FN-F32	CTP2120	1A08	●	14,18
CNGP 120408FN-F32	CTP2120	1A08	●	14,18

## CNMA



CNMA 120404EN	CTC3110	1A08	○	10,35
CNMA 120408EN	CTCK120	1A08	●	10,56
CNMA 120408EN	CTC3110	1A08	●	10,35
CNMA 120412EN	CTCK120	1A08	●	10,56
CNMA 120412EN	CTC3110	1A08	●	10,35
CNMA 120416EN	CTCK120	1A08	●	10,56
CNMA 160608EN	CTC3110	1A08	○	16,25
CNMA 160612EN	CTC3110	1A08	●	16,25
CNMA 160616EN	CTC3110	1A08	○	16,25
CNMA 190612EN	CTC3110	1A08	●	22,67
CNMA 190616EN	CTC3110	1A08	○	22,67

## CNMG





CNMG 090304EN-TF	CTCP115	1A08	●	6,86
CNMG 090308EN-TM	CTCK120	1A08	●	6,86
CNMG 090308EN-TM	CTCP125	1A08	●	6,86
CNMG 120404EN-CF	TCC410	1A78	●	9,35
CNMG 120404EN-CF	TCM10	1A78	●	8,96
CNMG 120404EN-F30	CTPM125	1A08	●	10,56
CNMG 120404EN-F34	CTP5115	1A08	●	9,95
CNMG 120404EN-M34	CTP5110	1A08	●	9,95
CNMG 120404EN-M34	CTP5115	1A08	●	9,95
CNMG 120404EN-M42	CTC2135	1A08	●	9,47
CNMG 120404EN-M42	CTP2120	1A08	●	9,47
CNMG 120404EN-M50	CTCP115	1A08	●	10,56
CNMG 120404EN-M50	CTCP125	1A08	●	10,56
CNMG 120404EN-M52	CTP2120	1A08	●	9,47
CNMG 120404EN-TF	CTCP115	1A08	●	10,56
CNMG 120404EN-TF	CTCP135	1A08	●	10,56
CNMG 120404EN-TF	CTC1135	1A08	●	9,47
CNMG 120404EN-TFQ	CTCP125	1A08	●	12,11
CNMG 120404EN-TFQ	TCC410	1A78	○	10,87
CNMG 120404EN-TMF	CTCP115	1A08	●	10,56
CNMG 120404EN-TMF	CTCP125	1A08	●	10,56
CNMG 120404EN-TMF	CTCP135	1A08	●	10,56
CNMG 120404EN-TMF	CTC1135	1A08	●	9,47
CNMG 120404EN-42	TSM20	1A07	●	7,33
CNMG 120408EN-CF	TCC410	1A78	○	9,35
CNMG 120408EN-CF	TCM10	1A78	●	8,96
CNMG 120408EN-F30	CTPM125	1A08	●	10,56
CNMG 120408EN-F34	CTP5115	1A08	●	9,95
CNMG 120408EN-M30	CTPM125	1A08	●	10,56
CNMG 120408EN-M34	CTP5110	1A08	●	9,95
CNMG 120408EN-M34	CTP5115	1A08	●	9,95
CNMG 120408EN-M42	CTC2135	1A08	●	9,47
CNMG 120408EN-M42	CTP2120	1A08	●	9,47
CNMG 120408EN-M50	CTCP115	1A08	●	10,56
CNMG 120408EN-M50	CTCP125	1A08	●	10,56
CNMG 120408EN-M50	CTCP135	1A08	●	10,56



# Insert tools for turning

Inserts for turning

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each		
CNMG 				CNMG 					
CNMG 120408EN-M52	CTP2120	1A08	●	9,47	CNMG 120412EN-TMR	CTCP125	1A08	●	10,56
CNMG 120408EN-M60	CTPM125	1A08	●	10,56	CNMG 120412EN-TMR	CTC1135	1A08	○	9,47
CNMG 120408EN-M70	CTCK120	1A08	●	10,56	CNMG 120412EN-TMR	CTC2135	1A08	●	9,47
CNMG 120408EN-M70	CTCP115	1A08	●	10,56	CNMG 120412EN-TMR	CTC3110	1A08	●	9,47
CNMG 120408EN-M70	CTCP125	1A08	●	10,56	CNMG 120412EN-TRM	CTCP125	1A08	●	10,56
CNMG 120408EN-M70	CTCP135	1A08	●	10,56	CNMG 120412EN-TRM	CTC1135	1A08	○	9,47
CNMG 120408EN-M70	CTC2135	1A08	●	9,47	CNMG 120416EN-M30	CTPM125	1A08	●	10,56
CNMG 120408EN-M70	CTC3110	1A08	●	9,47	CNMG 120416EN-M34	CTP5115	1A08	●	9,95
CNMG 120408EN-TF	CTCP125	1A08	●	10,56	CNMG 120416EN-M60	CTPM125	1A08	●	10,56
CNMG 120408EN-TF	CTC1135	1A08	○	9,47	CNMG 120416EN-TM	CTC1135	1A08	○	9,47
CNMG 120408EN-TFQ	CTCP115	1A08	●	12,11	CNMG 120416EN-TMR	CTCK120	1A08	●	9,47
CNMG 120408EN-TFQ	CTCP125	1A08	●	12,11	CNMG 120416EN-TMR	CTCP125	1A08	●	10,56
CNMG 120408EN-TFQ	TCC410	1A78	○	10,87	CNMG 120416EN-TMR	CTC3110	1A08	○	9,47
CNMG 120408EN-TM	CTCP115	1A08	●	10,56	CNMG 120416EN-TRM	CTCP125	1A08	●	10,56
CNMG 120408EN-TM	CTCP125	1A08	●	10,56	CNMG 160608EN-TM	CTCP125	1A08	●	17,08
CNMG 120408EN-TM	CTCP135	1A08	●	10,56	CNMG 160608EN-TM	CTC1135	1A08	●	17,08
CNMG 120408EN-TM	CTC1135	1A08	●	9,47	CNMG 160612EN-M60	CTPM125	1A08	●	17,08
CNMG 120408EN-TM	CTC2135	1A08	●	9,47	CNMG 160612EN-M70	CTCP115	1A08	●	17,08
CNMG 120408EN-TMF	CTCP115	1A08	●	10,56	CNMG 160612EN-M70	CTCP125	1A08	●	17,08
CNMG 120408EN-TMF	CTCP125	1A08	●	10,56	CNMG 160612EN-M70	CTC2135	1A08	●	17,08
CNMG 120408EN-TMF	CTCP135	1A08	●	10,56	CNMG 160612EN-TM	CTCP125	1A08	●	17,08
CNMG 120408EN-TMF	CTC1135	1A08	●	9,47	CNMG 160612EN-TM	CTCP135	1A08	●	17,08
CNMG 120408EN-TMQ	CTCP125	1A08	●	12,11	CNMG 160612EN-TM	CTC1135	1A08	●	17,08
CNMG 120408EN-TMR	CTCK120	1A08	●	10,56	CNMG 160612EN-TMR	CTCP115	1A08	●	17,08
CNMG 120408EN-TMR	CTCP115	1A08	●	10,56	CNMG 160612EN-TMR	CTCP125	1A08	●	17,08
CNMG 120408EN-TMR	CTCP125	1A08	●	10,56	CNMG 160612EN-TMR	CTC2135	1A08	●	17,08
CNMG 120408EN-TMR	CTC1135	1A08	●	9,47	CNMG 160612EN-TMR	CTC3110	1A08	●	17,08
CNMG 120408EN-TMR	CTC2135	1A08	●	9,47	CNMG 160612EN-TRM	CTCP115	1A08	●	17,08
CNMG 120408EN-TMR	CTC3110	1A08	●	9,47	CNMG 160612EN-TRM	CTCP125	1A08	●	17,08
CNMG 120408EN-TRM	CTCP115	1A08	●	10,56	CNMG 160616EN-M50	CTCP115	1A08	●	17,08
CNMG 120408EN-TRM	CTCP125	1A08	●	10,56	CNMG 160616EN-M50	CTCP125	1A08	●	17,08
CNMG 120408EN-TRM	CTC1135	1A08	○	9,47	CNMG 160616EN-M70	CTCP115	1A08	●	17,08
CNMG 120408EN-42	CTCP135	1A08	●	10,56	CNMG 160616EN-M70	CTCP125	1A08	●	17,08
CNMG 120408EN-42	CTC1135	1A08	●	9,47	CNMG 160616EN-M70	CTCP135	1A08	●	17,08
CNMG 120408EN-42	CTC2135	1A08	●	9,47	CNMG 160616EN-TMR	CTCP115	1A08	●	17,08
CNMG 120408EN-42	TSM20	1A07	●	7,33	CNMG 160616EN-TMR	CTCP125	1A08	●	17,08
CNMG 120412EN-CF	TCC410	1A78	○	9,35	CNMG 160616EN-TMR	CTC3110	1A08	○	17,08
CNMG 120412EN-F34	CTP5115	1A08	●	9,95	CNMG 160616EN-TRM	CTCP125	1A08	●	17,08
CNMG 120412EN-M30	CTPM125	1A08	●	10,56	CNMG 160616EN-TRM	CTCP135	1A08	●	17,08
CNMG 120412EN-M34	CTP5110	1A08	●	9,95	CNMG 190612EN-M70	CTCP125	1A08	●	24,12
CNMG 120412EN-M34	CTP5115	1A08	●	9,95	CNMG 190612EN-TM	CTCP125	1A08	●	24,12
CNMG 120412EN-M42	CTC2135	1A08	●	9,47	CNMG 190612EN-TMR	CTCP115	1A08	●	24,12
CNMG 120412EN-M50	CTCP115	1A08	●	10,56	CNMG 190612EN-TMR	CTCP125	1A08	●	24,12
CNMG 120412EN-M50	CTCP125	1A08	●	10,56	CNMG 190612EN-TMR	CTC1135	1A08	●	24,12
CNMG 120412EN-M52	CTP2120	1A08	●	9,47	CNMG 190612EN-TMR	CTC2135	1A08	●	24,12
CNMG 120412EN-M60	CTPM125	1A08	●	10,56	CNMG 190612EN-TRM	CTCP125	1A08	●	24,12
CNMG 120412EN-M70	CTCK120	1A08	●	10,56	CNMG 190616EN-M70	CTCP125	1A08	●	24,12
CNMG 120412EN-M70	CTCP115	1A08	●	10,56	CNMG 190616EN-M70	CTCP135	1A08	●	24,12
CNMG 120412EN-M70	CTCP125	1A08	●	10,56	CNMG 190616EN-TM	CTCP125	1A08	●	24,12
CNMG 120412EN-M70	CTCP135	1A08	●	10,56	CNMG 190616EN-TMR	CTCP125	1A08	●	24,12
CNMG 120412EN-M70	CTC2135	1A08	●	9,47	CNMG 190616EN-TMR	CTC2135	1A08	●	24,12
CNMG 120412EN-M70	CTC3110	1A08	●	9,47	CNMG 250924EN-TMR	CTCP125	1A08	○	58,79
CNMG 120412EN-TFQ	CTCP115	1A08	●	12,11					
CNMG 120412EN-TFQ	CTCP125	1A08	●	12,11					
CNMG 120412EN-TFQ	TCC410	1A78	●	10,87					
CNMG 120412EN-TM	CTCP125	1A08	●	10,56					
CNMG 120412EN-TM	CTC1135	1A08	●	9,47					
CNMG 120412EN-TM	CTC2135	1A08	●	9,47					
CNMG 120412EN-TMQ	CTCP115	1A08	●	12,11					
CNMG 120412EN-TMQ	CTCP125	1A08	●	12,11					
CNMG 120412EN-TMR	CTCK120	1A08	●	10,56					
CNMG 120412EN-TMR	CTCP115	1A08	●	10,56					

Designation	Grade	PG	€ each	
CNMM				
CNMM 120408EN-R28	CTCP115	1A08	●	10,76
CNMM 120408EN-R28	CTCP125	1A08	●	10,76
CNMM 120408EN-TR	CTCP125	1A08	●	10,76
CNMM 120408EN-TR	CTC1135	1A08	●	10,76
CNMM 120408SN-TRR	CTCP125	1A08	●	10,76
CNMM 120412EN-R28	CTCP115	1A08	●	10,76
CNMM 120412EN-R28	CTCP125	1A08	●	10,76
CNMM 120412EN-R58	CTCP115	1A08	●	10,76
CNMM 120412EN-R58	CTCP125	1A08	●	10,76
CNMM 120412EN-TR	CTCP125	1A08	●	10,76
CNMM 120412EN-TR	CTC1135	1A08	○	10,76
CNMM 120412SN-TRR	CTCP125	1A08	●	10,76
CNMM 120416EN-R28	CTCP115	1A08	●	10,76
CNMM 120416EN-R28	CTCP125	1A08	●	10,76
CNMM 120416EN-R58	CTCP115	1A08	●	10,76
CNMM 120416EN-R58	CTCP125	1A08	●	10,76
CNMM 160612EN-R28	CTCP115	1A08	●	17,08
CNMM 160612EN-R28	CTCP125	1A08	●	17,08
CNMM 160612EN-R58	CTCP115	1A08	●	17,08
CNMM 160612EN-R58	CTCP125	1A08	●	17,08
CNMM 160612EN-R58	CTCP135	1A08	●	17,08
CNMM 160612EN-TR	CTCP125	1A08	●	17,08
CNMM 160612EN-TR	CTC1135	1A08	○	17,08
CNMM 160612SN-TRR	CTCP125	1A08	●	17,08
CNMM 160616EN-R28	CTCP115	1A08	●	17,08
CNMM 160616EN-R28	CTCP125	1A08	●	16,50
CNMM 160616EN-R28	CTCP135	1A08	●	17,08
CNMM 160616EN-R58	CTCP115	1A08	●	17,08
CNMM 160616EN-R58	CTCP125	1A08	●	17,08
CNMM 160616EN-R58	CTCP135	1A08	●	17,08
CNMM 160616EN-TR	CTCP125	1A08	●	17,08
CNMM 160616SN-TRR	CTCP125	1A08	●	17,08
CNMM 160624EN-R58	CTCP135	1A08	●	17,08
CNMM 190612EN-R28	CTCP115	1A08	●	24,12
CNMM 190612EN-R28	CTCP125	1A08	●	24,12
CNMM 190612EN-R58	CTCP115	1A08	●	24,12
CNMM 190612EN-R58	CTCP125	1A08	●	24,12
CNMM 190612SN-TRR	CTC1135	1A08	○	24,12
CNMM 190616EN-R28	CTCP115	1A08	●	24,12
CNMM 190616EN-R28	CTCP125	1A08	●	24,12
CNMM 190616EN-R28	CTCP135	1A08	●	24,12
CNMM 190616EN-R58	CTCP115	1A08	●	24,12
CNMM 190616EN-R58	CTCP125	1A08	●	24,12
CNMM 190616EN-R58	CTCP135	1A08	●	24,12
CNMM 190616EN-TR	CTCP125	1A08	●	24,12
CNMM 190616SN-R80	CTCP125	1A08	●	24,12
CNMM 190616SN-R88	CTCP115	1A08	●	24,12
CNMM 190616SN-R88	CTCP125	1A08	●	24,12
CNMM 190616SN-TRR	CTCP125	1A08	●	24,12
CNMM 190616SN-TRR	CTC1135	1A08	●	24,12
CNMM 190624EN-R28	CTCP115	1A08	●	24,12
CNMM 190624EN-R28	CTCP125	1A08	●	23,30
CNMM 190624EN-R58	CTCP115	1A08	●	24,12
CNMM 190624EN-R58	CTCP125	1A08	●	24,12
CNMM 190624SN-R80	CTCP125	1A08	●	24,12
CNMM 190624SN-R88	CTCP115	1A08	●	24,12
CNMM 190624SN-R88	CTCP125	1A08	●	24,12
CNMM 190624SN-R88	CTCP135	1A08	●	24,12
CNMM 190624SN-R88Q	CTCP115	1A08	●	27,74
CNMM 190624SN-R88Q	CTCP125	1A08	●	27,74
CNMM 250924EN-R58	CTCP115	1A08	●	55,68
CNMM 250924EN-R58	CTCP125	1A08	●	55,68
CNMM 250924SN-R88	CTCP115	1A08	●	55,68

Designation	Grade	PG	€ each	
CNMM				
CNMM 250924SN-R88	CTCP125	1A08	●	55,68








CNMT				
CNMT 320932SN-R88	CTCP115	1A08	●	70,28
CNMT 320932SN-R88	CTCP125	1A08	○	70,28


CPMT				
CPMT 060204EN-SF	CTCP115	1A08	●	9,12
CPMT 060208EN-SF	CTCP115	1A08	●	9,12
CPMT 09T304EN-SF	CTCP115	1A08	●	10,39
CPMT 09T308EN-SF	CTCP115	1A08	●	10,39


DCGT				
DCGT 070200FN-F23	CTP2120	1A08	●	12,83
DCGT 070201EN-SF	TCM10	1A78	○	12,42
DCGT 070201FN-F23	CTP2120	1A08	●	12,83
DCGT 070202EN-SF	CTCP125	1A08	●	12,83
DCGT 070202EN-SF	CTC2135	1A08	●	12,83
DCGT 070202EN-SF	TCC410	1A78	●	12,83
DCGT 070202EN-SF	TCM10	1A78	●	12,42
DCGT 070202FN-SF	TCM407	1A78	○	12,42
DCGT 070202EN-SM	CTCP125	1A08	●	12,83
DCGT 070202EN-SM	CTC1135	1A08	●	12,83
DCGT 070202FN-25P	AMZ	1A90	●	10,87
DCGT 070202FN-25P	H210T	1A90	●	9,09
DCGT 070202FN-27	AMZ	1A90	●	10,45
DCGT 070202FN-27	H10T	1A90	●	8,59
DCGT 070204EN-SF	TCC410	1A78	●	12,83
DCGT 070204EN-SF	TCM10	1A78	●	12,42
DCGT 070204EN-SF	TCM407	1A78	●	12,42
DCGT 070204FN-23P	H216T	1A90	●	9,09
DCGT 070204FN-25P	AMZ	1A90	●	10,87
DCGT 070204FN-25P	H210T	1A90	●	9,09
DCGT 070204FN-27	AMZ	1A90	●	10,45
DCGT 070204FN-27	H10T	1A90	●	8,59
DCGT 11T300FN-F23	CTP2120	1A08	●	17,28
DCGT 11T301FN-F23	CTP2120	1A08	●	17,28
DCGT 11T302EN-SF	TCC410	1A78	●	16,97
DCGT 11T302EN-SF	TCM10	1A78	●	15,84
DCGT 11T302EN-SF	TCM407	1A78	●	15,84
DCGT 11T302FN-25P	AMZ	1A90	●	13,14
DCGT 11T302FN-25P	H210T	1A90	●	11,28
DCGT 11T302FN-27	AMZ	1A90	●	12,63
DCGT 11T302FN-27	H10T	1A90	●	10,76
DCGT 11T304EN-SF	TCC410	1A78	●	16,97
DCGT 11T304EN-SF	TCM10	1A78	●	15,84
DCGT 11T304EN-SF	TCM407	1A78	●	15,84
DCGT 11T304FL-25Q	H210T	1A90	●	12,32
DCGT 11T304FN-23P	H216T	1A90	●	11,28
DCGT 11T304FN-25P	AMZ	1A90	●	13,14


# Insert tools for turning

Inserts for turning

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each		
<div>DCGT</div>				<div>DCMT</div>					
DCGT 11T304FN-25P	H210T	1A90	●	11,28	DCMT 11T302EN-M25	CTPM125	1A08	●	10,09
DCGT 11T304FN-25Q	H210T	1A90	●	12,32	DCMT 11T304EL-SMQ	CTCP125	1A08	●	11,28
DCGT 11T304FN-27	AMZ	1A90	●	12,63	DCMT 11T304EN-F43	CTC2135	1A08	●	10,09
DCGT 11T304FN-27	H10T	1A90	●	10,76	DCMT 11T304EN-M25	CTPM125	1A08	●	10,11
DCGT 11T304FR-25Q	H210T	1A90	●	12,32	DCMT 11T304EN-M55	CTPM125	1A08	●	10,11
DCGT 11T308EN-SF	TCC410	1A78	●	16,97	DCMT 11T304EN-SF	CTCP115	1A08	●	10,11
DCGT 11T308EN-SF	TCM10	1A78	●	15,84	DCMT 11T304EN-SF	CTCP125	1A08	●	10,11
DCGT 11T308EN-SF	TCM407	1A78	●	15,84	DCMT 11T304EN-SF	CTCP135	1A08	●	10,11
DCGT 11T308FL-25Q	H210T	1A90	○	12,32	DCMT 11T304EN-SF	CTC1135	1A08	●	10,09
DCGT 11T308FN-23P	H216T	1A90	●	11,28	DCMT 11T304EN-SF	CTC2135	1A08	●	10,09
DCGT 11T308FN-25P	AMZ	1A90	●	13,14	DCMT 11T304EN-SM	CTCP115	1A08	●	10,11
DCGT 11T308FN-25P	H210T	1A90	●	11,28	DCMT 11T304EN-SM	CTCP125	1A08	●	10,11
DCGT 11T308FN-25Q	H210T	1A90	●	12,32	DCMT 11T304EN-SM	CTCP135	1A08	●	10,11
DCGT 11T308FN-27	AMZ	1A90	●	12,63	DCMT 11T304EN-SM	CTC1135	1A08	●	10,09
DCGT 11T308FN-27	H10T	1A90	●	10,76	DCMT 11T304EN-SM	CTC2135	1A08	●	10,09
DCGT 11T308FR-25Q	H210T	1A90	●	12,32	DCMT 11T304EN-SM	CTC3110	1A08	○	10,09
<div>DCGW</div>				<div>DCMT</div>					
DCGW 070204FN	CTW7120	1A07	○	10,45	DCMT 11T304EN-SMF	CTCP115	1A08	●	10,11
<div>DCMT</div>				<div>DCMT</div>					
DCMT 070202EN-F43	CTC2135	1A08	●	6,98	DCMT 11T304EN-SMF	CTCP125	1A08	●	10,11
DCMT 070202EN-M25	CTPM125	1A08	●	7,19	DCMT 11T304EN-SMF	CTCP135	1A08	●	10,11
DCMT 070202EN-SMF	TCM10	1A78	●	6,73	DCMT 11T304EN-SMF	CTC1135	1A08	●	10,09
DCMT 070204EN-F43	CTC2135	1A08	●	6,98	DCMT 11T304EN-SMF	TCM10	1A78	●	9,46
DCMT 070204EN-M25	CTPM125	1A08	●	7,19	DCMT 11T304EN-SMQ	CTCP125	1A08	●	11,28
DCMT 070204EN-M55	CTPM125	1A08	●	7,19	DCMT 11T304EN-29	AMZ	1A90	○	10,13
DCMT 070204EN-SF	CTCP115	1A08	●	7,19	DCMT 11T304EN-29	H216T	1A90	●	8,88
DCMT 070204EN-SF	CTCP125	1A08	●	7,19	DCMT 11T304ER-SMQ	CTCP125	1A08	●	11,28
DCMT 070204EN-SF	CTCP135	1A08	●	7,19	DCMT 11T308EN-F43	CTC2135	1A08	●	10,09
DCMT 070204EN-SF	CTC1135	1A08	●	6,98	DCMT 11T308EN-M25	CTPM125	1A08	●	10,11
DCMT 070204EN-SF	CTC2135	1A08	●	6,98	DCMT 11T308EN-M55	CTPM125	1A08	●	10,11
DCMT 070204EN-SM	CTCP115	1A08	●	7,19	DCMT 11T308EN-SF	CTCP115	1A08	●	10,11
DCMT 070204EN-SM	CTCP125	1A08	●	7,19	DCMT 11T308EN-SF	CTCP125	1A08	●	10,11
DCMT 070204EN-SM	CTCP135	1A08	●	7,19	DCMT 11T308EN-SF	CTCP135	1A08	●	10,11
DCMT 070204EN-SM	CTC1135	1A08	●	6,98	DCMT 11T308EN-SF	CTC1135	1A08	●	10,09
DCMT 070204EN-SM	CTC2135	1A08	●	6,98	DCMT 11T308EN-SF	CTC2135	1A08	●	10,09
DCMT 070204EN-SM	CTC3110	1A08	○	6,98	DCMT 11T308EN-SM	CTCP115	1A08	●	10,11
DCMT 070204EN-SM	S40T	1A07	○	5,69	DCMT 11T308EN-SM	CTCP125	1A08	●	10,11
DCMT 070204EN-SMF	CTCP125	1A08	●	7,19	DCMT 11T308EN-SM	CTCP135	1A08	●	10,11
DCMT 070204EN-SMF	CTC1135	1A08	●	6,98	DCMT 11T308EN-SM	CTC1135	1A08	●	10,09
DCMT 070204EN-SMF	TCM10	1A78	●	6,73	DCMT 11T308EN-SM	CTC2135	1A08	●	10,09
DCMT 070204EN-SMQ	CTCP115	1A08	●	8,20	DCMT 11T308EN-SM	CTC3110	1A08	○	10,09
DCMT 070204EN-SMQ	CTCP125	1A08	●	8,20	DCMT 11T308EN-SMF	CTCP115	1A08	●	10,11
DCMT 070204EN-29	AMZ	1A90	○	8,10	DCMT 11T308EN-SMF	CTCP125	1A08	●	10,11
DCMT 070204EN-29	H216T	1A90	○	6,59	DCMT 11T308EN-SMF	CTC1135	1A08	●	10,09
DCMT 070208EN-M55	CTPM125	1A08	●	7,19	DCMT 11T308EN-SMF	TCM10	1A78	●	9,46
DCMT 070208EN-SM	CTCP115	1A08	●	7,19	DCMT 11T308EN-SMQ	CTCP125	1A08	●	11,28
DCMT 070208EN-SM	CTCP125	1A08	●	7,19	DCMT 11T308EN-29	AMZ	1A90	○	10,13
DCMT 070208EN-SM	CTCP135	1A08	●	7,19	DCMT 11T308EN-29	H216T	1A90	●	8,88
DCMT 070208EN-SM	CTC1135	1A08	●	6,98	DCMT 11T312EN-SM	CTCP125	1A08	●	10,11
DCMT 070208EN-SM	CTC2135	1A08	●	6,98	<div>DNGP</div>				
DCMT 070208EN-SMF	CTC1135	1A08	○	6,98	DNGP 150402FN-F32	CTP2120	1A08	●	18,11
DCMT 11T302EN-F43	CTC2135	1A08	●	10,09	DNGP 150404FN-F32	CTP2120	1A08	○	18,11
					DNGP 150408FN-F32	CTP2120	1A08	●	18,11
					DNGP 150602FN-F32	CTP2120	1A08	●	19,77
					DNGP 150604FN-F32	CTP2120	1A08	●	19,77
					DNGP 150608FN-F32	CTP2120	1A08	●	19,77

Designation	Grade	PG	€ each		
<div>DNMA</div>					
DNMA 150608EN	CTC3110	1A08	●	14,08	
DNMA 150612EN	CTC3110	1A08	●	14,08	



<div>DNMG</div>					
DNMG 110404EN-CF	TCC410	1A78	●	11,28	
DNMG 110404EN-CF	TCM10	1A78	●	10,76	
DNMG 110404EN-F30	CTPM125	1A08	●	11,28	
DNMG 110404EN-M42	CTC2135	1A08	●	11,28	
DNMG 110404EN-M50	CTCP115	1A08	●	11,28	
DNMG 110404EN-M50	CTCP125	1A08	●	11,28	
DNMG 110404EN-TF	CTCP115	1A08	●	11,28	
DNMG 110404EN-TF	CTCP125	1A08	●	11,28	
DNMG 110404EN-TMF	CTCP115	1A08	●	11,28	
DNMG 110404EN-TMF	CTCP125	1A08	●	11,28	
DNMG 110408EN-CF	TCC410	1A78	●	11,28	
DNMG 110408EN-F30	CTPM125	1A08	●	11,28	
DNMG 110408EN-M30	CTPM125	1A08	●	11,28	
DNMG 110408EN-M42	CTC2135	1A08	●	11,28	
DNMG 110408EN-M50	CTCP115	1A08	●	11,28	
DNMG 110408EN-M50	CTCP125	1A08	●	11,28	
DNMG 110408EN-TF	CTCP125	1A08	●	11,28	
DNMG 110408EN-TM	CTCP115	1A08	●	11,28	
DNMG 110408EN-TM	CTCP125	1A08	●	11,28	
DNMG 110408EN-TMF	CTCP115	1A08	●	11,28	
DNMG 110408EN-TMF	CTC1135	1A08	○	11,28	
DNMG 110408EN-TMR	CTC2135	1A08	●	11,28	
DNMG 110408EN-TRM	CTCP125	1A08	●	11,28	
DNMG 110412EN-M30	CTPM125	1A08	●	11,28	
DNMG 110412EN-M70	CTCP125	1A08	●	11,28	
DNMG 110412EN-TMF	CTCP115	1A08	●	11,28	
DNMG 110412EN-TMR	CTCP125	1A08	●	11,28	
DNMG 110412EN-TRM	CTCP115	1A08	○	11,28	
DNMG 150404EN-M34	CTP5110	1A08	●	14,28	
DNMG 150404EN-M34	CTP5115	1A08	●	14,28	
DNMG 150404EN-M42	CTC2135	1A08	○	13,66	
DNMG 150404EN-M42	CTP2120	1A08	●	13,66	
DNMG 150404EN-M50	CTCP125	1A08	●	13,66	
DNMG 150404EN-M52	CTP2120	1A08	●	13,66	
DNMG 150408EN-M34	CTP5110	1A08	●	14,28	
DNMG 150408EN-M34	CTP5115	1A08	●	14,28	
DNMG 150408EN-M42	CTC2135	1A08	○	13,66	
DNMG 150408EN-M50	CTCP125	1A08	●	13,66	
DNMG 150408EN-M52	CTP2120	1A08	●	13,66	
DNMG 150412EN-M34	CTP5110	1A08	●	14,28	
DNMG 150412EN-M34	CTP5115	1A08	●	14,28	
DNMG 150412EN-M50	CTCP125	1A08	●	13,66	
DNMG 150412EN-TRM	CTCP125	1A08	●	13,66	
DNMG 150604EN-CF	TCC410	1A78	●	14,80	
DNMG 150604EN-CF	TCM10	1A78	●	14,08	
DNMG 150604EN-F30	CTPM125	1A08	●	14,80	
DNMG 150604EN-M42	CTC2135	1A08	●	14,80	
DNMG 150604EN-M42	CTP2120	1A08	●	14,80	
DNMG 150604EN-M50	CTCP115	1A08	●	14,80	
DNMG 150604EN-M50	CTCP125	1A08	●	14,80	
DNMG 150604EN-M52	CTP2120	1A08	●	14,80	
DNMG 150604EN-TF	CTCP115	1A08	●	14,80	
DNMG 150604EN-TF	CTCP125	1A08	●	14,80	
DNMG 150604EN-TFQ	CTCP125	1A08	●	17,08	

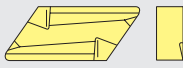

Designation	Grade	PG	€ each		
<div>DNMG</div>					
DNMG 150604EN-TFQ	TCC410	1A78	●	16,46	
DNMG 150604EN-TMF	CTCP115	1A08	●	14,80	
DNMG 150604EN-TMF	CTCP125	1A08	●	14,80	
DNMG 150604EN-TMF	CTCP135	1A08	●	14,80	
DNMG 150604EN-TMF	CTC1135	1A08	●	14,80	
DNMG 150608EN-CF	TCC410	1A78	●	14,80	
DNMG 150608EN-F30	CTPM125	1A08	●	14,80	
DNMG 150608EN-M30	CTPM125	1A08	●	14,80	
DNMG 150608EN-M34	CTP5110	1A08	●	15,63	
DNMG 150608EN-M34	CTP5115	1A08	●	15,63	
DNMG 150608EN-M42	CTC2135	1A08	●	14,80	
DNMG 150608EN-M42	CTP2120	1A08	●	14,80	
DNMG 150608EN-M50	CTCP115	1A08	●	14,80	
DNMG 150608EN-M50	CTCP125	1A08	●	14,80	
DNMG 150608EN-M52	CTP2120	1A08	●	14,80	
DNMG 150608EN-M60	CTPM125	1A08	●	14,80	
DNMG 150608EN-M70	CTCP125	1A08	●	14,80	
DNMG 150608EN-TF	CTCP115	1A08	●	14,80	
DNMG 150608EN-TF	CTCP125	1A08	●	14,80	
DNMG 150608EN-TFQ	CTCP115	1A08	●	17,08	
DNMG 150608EN-TFQ	CTCP125	1A08	●	17,08	
DNMG 150608EN-TFQ	TCC410	1A78	●	16,46	
DNMG 150608EN-TM	CTCP115	1A08	●	14,80	
DNMG 150608EN-TM	CTCP125	1A08	●	14,80	
DNMG 150608EN-TM	CTCP135	1A08	●	14,80	
DNMG 150608EN-TM	CTC1135	1A08	●	14,80	
DNMG 150608EN-TM	CTC2135	1A08	●	14,80	
DNMG 150608EN-TMF	CTCP115	1A08	●	14,80	
DNMG 150608EN-TMF	CTCP125	1A08	●	14,80	
DNMG 150608EN-TMF	CTC1135	1A08	●	14,80	
DNMG 150608EN-TMQ	CTCP125	1A08	●	17,08	
DNMG 150608EN-TMR	CTCP115	1A08	●	14,80	
DNMG 150608EN-TMR	CTCP125	1A08	●	14,80	
DNMG 150608EN-TMR	CTC1135	1A08	○	14,80	
DNMG 150608EN-TMR	CTC3110	1A08	○	14,80	
DNMG 150608EN-TRM	CTCP125	1A08	●	14,80	
DNMG 150612EN-CF	TCC410	1A78	●	14,80	
DNMG 150612EN-M30	CTPM125	1A08	●	14,80	
DNMG 150612EN-M34	CTP5110	1A08	●	15,63	
DNMG 150612EN-M34	CTP5115	1A08	●	15,63	
DNMG 150612EN-M50	CTCP115	1A08	●	14,80	
DNMG 150612EN-M50	CTCP125	1A08	●	14,80	
DNMG 150612EN-M60	CTPM125	1A08	●	14,80	
DNMG 150612EN-M70	CTC3110	1A08	●	14,80	
DNMG 150612EN-TF	CTCP115	1A08	●	14,80	
DNMG 150612EN-TM	CTCP125	1A08	●	14,80	
DNMG 150612EN-TM	CTC1135	1A08	○	14,80	
DNMG 150612EN-TMQ	CTCP115	1A08	●	17,08	
DNMG 150612EN-TMQ	CTCP125	1A08	●	17,08	
DNMG 150612EN-TMR	CTCK120	1A08	●	14,80	
DNMG 150612EN-TMR	CTCP125	1A08	●	14,80	
DNMG 150612EN-TMR	CTC3110	1A08	○	14,80	
DNMG 150612EN-TRM	CTCP115	1A08	●	14,80	
DNMG 150612EN-TRM	CTCP125	1A08	●	14,80	
DNMG 150616EN-TM	CTCP125	1A08	●	14,80	
DNMG 150616EN-TM	CTC1135	1A08	○	14,80	
DNMG 150616EN-TMR	CTCK120	1A08	●	14,80	
DNMG 150616EN-TRM	CTCP125	1A08	●	14,80	


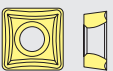



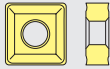
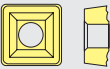
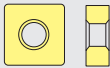

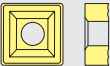
# Insert tools for turning

Inserts for turning

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each	
<div>DNMM</div>				<div>RCMT</div>				
DNMM 150608EN-TR	CTCP125	1A08	●	14,80	RCMT 0803MOEN-25	H210T	1A90 ○	5,11
DNMM 150612EN-R28	CTCP115	1A08	●	14,80	RCMT 1003MOSN-SM	CTCP125	1A08 ●	7,19
DNMM 150612EN-R28	CTCP125	1A08	●	14,80	RCMT 1003MOSN-SM	CTCP135	1A08 ●	7,19
DNMM 150612EN-R58	CTCP115	1A08	●	14,80	RCMT 1003MOSN-SM	CTC1135	1A08 ●	7,10
DNMM 150612EN-R58	CTCP125	1A08	●	14,80	RCMT 1204MOSN-SM	CTCP115	1A08 ●	8,54
DNMM 150612EN-TR	CTCP125	1A08	●	14,80	RCMT 1204MOSN-SM	CTCP125	1A08 ●	8,54
DNMM 150612EN-TR	CTC1135	1A08	○	14,80	RCMT 1204MOSN-SM	CTCP135	1A08 ●	8,54
DNMM 150616EN-R28	CTCP115	1A08	●	14,80	RCMT 1204MOSN-SM	CTC1135	1A08 ●	8,48
DNMM 150616EN-R28	CTCP125	1A08	●	14,80	RCMT 1606MOEN-SMF	CTC3110	1A08 ●	15,84
DNMM 150616EN-R58	CTCP115	1A08	●	14,80	RCMT 1606MOSN-SM	CTCP115	1A08 ●	16,77
DNMM 150616EN-R58	CTCP125	1A08	●	14,80	RCMT 1606MOSN-SM	CTCP125	1A08 ●	16,77
					RCMT 1606MOSN-SM	CTCP135	1A08 ●	16,77
					RCMT 1606MOSN-SM	CTC1135	1A08 ●	15,84
					RCMT 2006MOSN-SM	CTCP125	1A08 ●	23,08
					RCMT 2006MOSN-SM	CTCP135	1A08 ●	23,08
					RCMT 2006MOSN-SM	CTC1135	1A08 ●	21,63



<div>KNUX</div>				<div>SCGT</div>				
KNUX 160405EL-11	CTCP125	1A13	●	13,66	SCGT 09T304EN-SF	TCC410	1A78 ●	13,97
KNUX 160405EL-11	CTCP135	1A08	●	13,66	SCGT 09T304EN-SF	TCM10	1A78 ●	12,83
KNUX 160405EL-11	CTC1135	1A13	●	13,66	SCGT 09T304EN-SF	TCM407	1A78 ○	12,83
KNUX 160405EL-11	CTC3110	1A13	○	13,66	SCGT 09T304FN-27	H10T	1A90 ●	10,09
KNUX 160405EL-12	CTC1135	1A13	○	13,66	SCGT 09T308EN-SF	TCC410	1A78 ●	13,97
KNUX 160405ER-11	CTCP125	1A13	●	13,66	SCGT 09T308EN-SF	TCM10	1A78 ●	12,83
KNUX 160405ER-11	CTCP135	1A08	●	13,66	SCGT 09T308FN-27	AMZ	1A90 ●	12,01
KNUX 160405ER-11	CTC1135	1A13	●	13,66	SCGT 09T308FN-27	H10T	1A90 ●	10,09
KNUX 160405ER-11	CTC3110	1A13	○	13,66	SCGT 09T308FN-27P	H10T	1A90 ○	10,56
KNUX 160405ER-11	S40T	1A13	○	11,39	SCGT 120408FN-25P	AMZ	1A90 ●	14,59
KNUX 160405ER-12	CTCP135	1A08	●	13,66	SCGT 120408FN-25P	H210T	1A90 ●	12,32
KNUX 160405ER-12	CTC1135	1A13	●	13,66	SCGT 120408FN-27	H10T	1A90 ●	11,80
KNUX 160410EL-11	CTC1135	1A13	○	13,66				
KNUX 160410EL-12	CTC1135	1A13	●	13,66				
KNUX 160410ER-11	CTCP125	1A13	●	13,66				
KNUX 160410ER-11	CTC1135	1A13	●	13,66				
KNUX 160410ER-12	CTC1135	1A13	●	13,66				



<div>RCGT</div>				<div>SCMT</div>				
RCGT 0602MOEN-SM	CTCP125	1A08	●	7,47	SCMT 09T304EN-M25	CTPM125	1A08 ●	8,98
RCGT 0602MOEN-SM	CTCP135	1A08	●	7,47	SCMT 09T304EN-SF	CTCP125	1A08 ●	8,98
RCGT 0602MOEN-SM	CTC1135	1A08	●	7,47	SCMT 09T304EN-SM	CTCP115	1A08 ●	8,98
RCGT 0602MOFN-27	H10T	1A90	●	5,58	SCMT 09T304EN-SM	CTCP125	1A08 ●	8,98
RCGT 0803MOEN-SM	CTCP125	1A08	●	8,31	SCMT 09T304EN-SM	CTCP135	1A08 ●	8,98
RCGT 0803MOEN-SM	CTCP135	1A08	●	8,31	SCMT 09T304EN-SM	CTC1135	1A08 ●	8,96
RCGT 0803MOEN-SM	CTC1135	1A08	●	8,21	SCMT 09T304EN-SMF	CTCP115	1A08 ●	8,98
RCGT 0803MOFN-25P	H210T	1A90	●	6,50	SCMT 09T304EN-SMF	TCC410	1A78 ●	8,96
RCGT 0803MOFN-27	AMZ	1A90	○	7,28	SCMT 09T308EN-M55	CTPM125	1A08 ●	8,98
RCGT 0803MOFN-27	H10T	1A90	●	6,22	SCMT 09T308EN-SF	CTCP125	1A08 ●	8,98
RCGT 1003MOFN-27	AMZ	1A90	○	7,28	SCMT 09T308EN-SM	CTCP115	1A08 ●	8,98
RCGT 1003MOFN-27	H10T	1A90	●	6,22	SCMT 09T308EN-SM	CTCP125	1A08 ●	8,98
					SCMT 09T308EN-SM	CTCP135	1A08 ●	8,98
					SCMT 09T308EN-SM	CTC1135	1A08 ●	8,96
					SCMT 09T308EN-SM	CTC2135	1A08 ●	8,96
					SCMT 09T308EN-SM	CTC3110	1A08 ○	8,96
					SCMT 09T308EN-SMF	CTCP115	1A08 ●	8,98
					SCMT 09T308EN-SMF	TCC410	1A78 ○	8,96
					SCMT 120408EN-M55	CTPM125	1A08 ●	12,63
					SCMT 120408EN-SF	CTCP125	1A08 ●	12,63
					SCMT 120408EN-SM	CTCP115	1A08 ●	12,63
					SCMT 120408EN-SM	CTCP125	1A08 ●	12,63

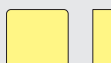

Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
<b>SCMT</b> <div></div>					<b>SNMG</b> <div></div>				
SCMT 120408EN-SM	CTCP135	1A08	●	12,63	SNMG 120408EN-TMR	CTCP115	1A08	●	10,76
SCMT 120408EN-SM	CTC1135	1A08	●	12,63	SNMG 120408EN-TMR	CTCP125	1A08	●	10,76
SCMT 120408EN-SM	CTC2135	1A08	●	12,63	SNMG 120408EN-TMR	CTC1135	1A08	○	10,76
SCMT 120408EN-SM	CTC3110	1A08	●	12,63	SNMG 120408EN-TMR	CTC2135	1A08	○	10,76
SCMT 120408EN-SMF	CTCP135	1A08	●	12,63	SNMG 120408EN-TMR	CTC3110	1A08	○	10,76
SCMT 120408EN-SMF	CTC1135	1A08	●	12,63	SNMG 120412EN-M30	CTPM125	1A08	●	10,76
SCMT 120412EN-SM	CTCP125	1A08	●	12,63	SNMG 120412EN-M34	CTP5110	1A08	●	11,28
SCMT 120412EN-SM	CTC3110	1A08	○	12,63	SNMG 120412EN-M34	CTP5115	1A08	●	11,28
SCMT 120412EN-SM	S40T	1A07	○	10,09	SNMG 120412EN-M42	CTC2135	1A08	○	10,76
<b>SCMX</b> <div></div>					SNMG 120412EN-M50CTCP1151A08●10,76				
SCMX 120408EN	CTCP125	1A08	●	11,49	SNMG 120412EN-M50	CTCP125	1A08	●	10,76
SCMX 120408EN	CTCP135	1A08	●	11,49	SNMG 120412EN-M50	CTCP135	1A08	●	10,76
SCMX 120408EN	CTC1135	1A08	●	11,49	SNMG 120412EN-M60	CTPM125	1A08	●	10,76
SCMX 190616EN	CTC1135	1A08	○	26,39	SNMG 120412EN-M70	CTC3110	1A08	●	10,76
<b>SNMA</b> <div></div>					SNMG 120412EN-TMCTCP1251A08●10,76				
SNMA 120408EN	CTCK120	1A08	●	10,45	SNMG 120412EN-TM	CTC1135	1A08	●	10,76
SNMA 120408EN	CTC3110	1A08	○	10,35	SNMG 120412EN-TMF	CTC1135	1A08	○	10,76
SNMA 120412EN	CTCK120	1A08	●	10,45	SNMG 120412EN-TMR	CTCP125	1A08	●	10,76
SNMA 120412EN	CTC3110	1A08	●	10,35	SNMG 120412EN-TMR	CTC2135	1A08	○	10,76
SNMA 120416EN	CTCK120	1A08	●	10,35	SNMG 120412EN-TMR	CTC3110	1A08	●	10,76
SNMA 120416EN	CTC3110	1A08	–	10,35	SNMG 120412EN-TRM	CTCP125	1A08	●	10,76
SNMA 150616EN	CTC3110	1A08	○	13,66	SNMG 120416EN-M60	CTPM125	1A08	●	10,76
SNMA 190616EN	CTC3110	1A08	●	19,77	SNMG 120416EN-TM	CTCP125	1A08	●	10,76
<b>SNMG</b> <div></div>					SNMG 120416EN-TMCTC11351A08○10,76				
SNMG 090308EN	CTCK120	1A08	●	6,86	SNMG 120416EN-TMR	CTC3110	1A08	○	10,76
SNMG 090308EN	CTCP125	1A08	●	6,86	SNMG 120416EN-TRM	CTCP125	1A08	●	10,76
SNMG 090308EN	CTCP135	1A08	●	6,86	SNMG 150612EN-M70	CTCP125	1A08	●	17,08
SNMG 090308EN	CTC1135	1A08	○	6,86	SNMG 150612EN-TMR	CTCP125	1A08	●	17,08
SNMG 120404EN-F30	CTPM125	1A08	●	10,76	SNMG 150616EN-TMR	CTCP125	1A08	●	17,08
SNMG 120404EN-TF	CTCP125	1A08	●	10,76	SNMG 150616EN-TMR	CTC3110	1A08	–	17,08
SNMG 120408EN-F30	CTPM125	1A08	●	10,76	SNMG 190612EN-M70	CTCP125	1A08	●	24,12
SNMG 120408EN-M30	CTPM125	1A08	●	10,76	SNMG 190612EN-TMR	CTCP125	1A08	●	24,12
SNMG 120408EN-M34	CTP5110	1A08	●	11,28	SNMG 190612EN-TMR	CTC1135	1A08	●	24,12
SNMG 120408EN-M34	CTP5115	1A08	●	11,28	SNMG 190612EN-TMR	CTC2135	1A08	●	24,12
SNMG 120408EN-M42	CTC2135	1A08	●	10,76	SNMG 190616EN-M70	CTC2135	1A08	●	24,12
SNMG 120408EN-M50	CTCP115	1A08	●	10,76	SNMG 190616EN-TMR	CTCP125	1A08	●	24,12
SNMG 120408EN-M50	CTCP125	1A08	●	10,76	SNMG 190616EN-TMR	CTC2135	1A08	●	24,12
SNMG 120408EN-M50	CTCP135	1A08	●	10,76	SNMG 250924EN-TMR	CTCP125	1A08	○	58,79
SNMG 120408EN-M52	CTP2120	1A08	●	10,76	<b>SNMM</b> <div></div>				
SNMG 120408EN-M60	CTPM125	1A08	●	10,76	SNMM 120408EN-TR	CTCP125	1A08	●	10,76
SNMG 120408EN-M70	CTCP125	1A08	●	10,76	SNMM 120408EN-TR	CTC1135	1A08	○	10,76
SNMG 120408EN-TM	CTCP115	1A08	●	10,76	SNMM 120412EN-TR	CTCP125	1A08	●	10,76
SNMG 120408EN-TM	CTCP125	1A08	●	10,76	SNMM 120412EN-TR	CTC1135	1A08	●	10,76
SNMG 120408EN-TM	CTCP135	1A08	●	10,76	SNMM 150612EN-R28	CTCP115	1A08	●	17,08
SNMG 120408EN-TM	CTC1135	1A08	●	10,76	SNMM 150612EN-R28	CTCP125	1A08	●	17,08
SNMG 120408EN-TM	CTC2135	1A08	●	10,76	SNMM 150612EN-R58	CTCP115	1A08	●	17,08
SNMG 120408EN-TMF	CTCP115	1A08	●	10,76	SNMM 150612EN-R58	CTCP125	1A08	●	17,08
					SNMM 150612EN-TR	CTCP125	1A08	●	17,08
					SNMM 150616EN-R28	CTCP115	1A08	●	17,08
					SNMM 150616EN-R28	CTCP125	1A08	●	17,08
					SNMM 150616EN-R28	CTCP135	1A08	●	17,08
					SNMM 150616EN-R58	CTCP115	1A08	●	17,08
					SNMM 150616EN-R58	CTCP125	1A08	●	17,08
					SNMM 150616EN-R58	CTCP135	1A08	●	17,08
					SNMM 190612EN-R58	CTCP115	1A08	●	24,12
					SNMM 190612EN-R58	CTCP125	1A08	●	24,12
					SNMM 190616EN-R58	CTCP115	1A08	●	24,12
					SNMM 190616EN-R58	CTCP125	1A08	●	24,12

# Insert tools for turning






Inserts for turning

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each		
<b>SNMM</b> <div></div>				<b>SPMR</b> <div></div>					
SNMM 190616EN-TR	CTCP125	1A08	●	24,12	SPMR 090304EN	CTC1135	1A11	○	6,86
SNMM 190616EN-TR	CTC1135	1A08	●	24,12	SPMR 090308EN-57	CTCP135	1A08	●	6,96
SNMM 190616SN-R88	CTCP115	1A08	●	24,12	SPMR 090308EN-57	CTC1135	1A11	●	6,86
SNMM 190616SN-R88	CTCP125	1A08	●	24,12	SPMR 120304EN	CTCP135	1A08	●	10,11
SNMM 190616SN-TRR	CTCP125	1A08	●	24,12	SPMR 120304EN	CTC1135	1A11	●	9,97
SNMM 190616SN-TRR	CTC1135	1A08	●	24,12	SPMR 120308EN	CTCP125	1A11	●	9,97
SNMM 190624EN-R58	CTCP115	1A08	●	24,12	SPMR 120308EN	CTC1135	1A11	●	9,97
SNMM 190624EN-R58	CTCP125	1A08	●	24,12	SPMR 120308ER	CTC1135	1A09	○	10,35
SNMM 190624SN-R88	CTCP115	1A08	●	24,12					
SNMM 190624SN-R88	CTCP125	1A08	●	24,12					
SNMM 250724EN-R58	CTCP115	1A08	●	47,40					
SNMM 250724EN-R58	CTCP125	1A08	●	47,40					
SNMM 250724EN-R58	CTCP135	1A08	●	47,40					
SNMM 250724EN-TR	CTCP125	1A08	●	47,40					
SNMM 250724EN-TR	CTC1135	1A08	●	47,40					
SNMM 250724SN-R88	CTCP115	1A08	●	47,40					
SNMM 250724SN-R88	CTCP125	1A08	●	47,40					
SNMM 250724SN-R88	CTCP135	1A08	●	47,40					
SNMM 250724SN-TRR	CTCP125	1A08	●	47,40					
SNMM 250724SN-TRR	CTC1135	1A08	●	47,40					
SNMM 250732SN-R88	CTCP115	1A08	●	47,40					
SNMM 250732SN-R88	CTCP125	1A08	●	47,40					
SNMM 250924EN-R58	CTCP115	1A08	●	55,68					
SNMM 250924EN-R58	CTCP125	1A08	●	55,68					
SNMM 250924SN-R88	CTCP115	1A08	●	55,68					
SNMM 250924SN-R88	CTCP125	1A08	●	55,68					
SNMM 250932SN-R88	CTCP115	1A08	●	55,68					
SNMM 250932SN-R88	CTCP125	1A08	●	55,68					
SNMM 310932SN-R88	CTCP115	1A08	●	70,28					
SNMM 310932SN-R88	CTCP125	1A08	●	70,28					

<b>SNMT</b> <div></div>				<b>TCGT</b> <div></div>					
SNMT 310932SN-R88	CTCP115	1A08	●	70,28	TCGT 110202EN-SF	TCM10	1A78	●	11,59
SNMT 310932SN-R88	CTCP125	1A08	●	70,28	TCGT 110202EN-SM	CTC1135	1A08	○	12,52
					TCGT 110202FN-27	H10T	1A90	●	10,09
					TCGT 110204EN-SF	TCC410	1A78	●	12,52
					TCGT 110204EN-SF	TCM10	1A78	●	11,59
					TCGT 110204EN-SF	TCM407	1A78	○	11,59
					TCGT 110204FN-27	AMZ	1A90	●	12,01
					TCGT 110204FN-27	H10T	1A90	●	10,09
					TCGT 110208EN-SF	TCC410	1A78	●	12,52
					TCGT 16T302FN-27	H10T	1A90	○	11,90
					TCGT 16T304EN-SF	TCM10	1A78	●	14,70
					TCGT 16T304FN-27	H10T	1A90	●	11,90
					TCGT 16T308FN-27	AMZ	1A90	●	14,08
					TCGT 16T308FN-27	H10T	1A90	●	11,90



<b>SNUN</b> <div></div>				<b>TCMT</b> <div></div>					
SNUN 120412EN	CTC3110	1A13	○	9,22	TCMT 090204EN-M25	CTPM125	1A08	●	7,08
SNUN 120412EN	S40T	1A13	○	7,10	TCMT 090204EN-M55	CTPM125	1A08	●	7,08
SNUN 120416EN	CTCK120	1A13	○	10,76	TCMT 090204EN-SM	CTCP125	1A08	●	7,08
SNUN 120416EN	CTC3110	1A13	○	9,22	TCMT 090204EN-SM	CTCP135	1A08	●	7,08
					TCMT 090204EN-SM	CTC1135	1A08	●	6,98
					TCMT 090204EN-SM	CTC2135	1A08	●	6,98
					TCMT 110204EN-F43	CTC2135	1A08	●	6,98
					TCMT 110204EN-M25	CTPM125	1A08	●	7,08
					TCMT 110204EN-M55	CTPM125	1A08	●	7,08
					TCMT 110204EN-SF	CTCP125	1A08	●	7,08
					TCMT 110204EN-SM	CTCP115	1A08	●	7,08
					TCMT 110204EN-SM	CTCP125	1A08	●	7,08
					TCMT 110204EN-SM	CTCP135	1A08	●	7,08
					TCMT 110204EN-SM	CTC1135	1A08	●	6,98
					TCMT 110204EN-SM	CTC2135	1A08	●	6,98
					TCMT 110204EN-SM	CTC3110	1A08	○	6,98
					TCMT 110204EN-SMF	TCM10	1A78	●	6,73
					TCMT 110208EN-SF	CTCP125	1A08	●	7,08






Designation	Grade	PG	€ each			Designation	Grade	PG	€ each		
TCMT						TNMA					
TCMT 110208EN-SM	CTCP115	1A08	●	7,08		TNMA 160408EN	CTCK120	1A08	●	9,05	
TCMT 110208EN-SM	CTCP135	1A08	●	7,08		TNMA 160408EN	CTC3110	1A08	●	8,96	
TCMT 110208EN-SM	CTC1135	1A08	●	6,98		TNMA 160412EN	CTCK120	1A08	●	9,05	
TCMT 110208EN-SM	CTC3110	1A08	○	6,98		TNMA 160412EN	CTC3110	1A08	○	8,96	
TCMT 110208EN-SMF	CTCP115	1A08	●	7,08		TNMA 160416EN	CTCK120	1A08	●	9,05	
TCMT 110208EN-SMF	CTCP135	1A08	●	7,08		TNMA 220408EN	CTCK120	1A08	●	12,21	
TCMT 110208EN-SMF	CTC1135	1A08	–	6,98		TNMA 220408EN	CTC3110	1A08	●	12,21	
TCMT 16T304EN-F43	CTC2135	1A08	●	9,72		TNMA 220412EN	CTCK120	1A08	●	12,21	
TCMT 16T304EN-M25	CTPM125	1A08	●	10,22		TNMA 220412EN	CTC3110	1A08	○	12,21	
TCMT 16T304EN-SF	CTCP125	1A08	●	10,22		TNMA 220416EN	CTCK120	1A08	●	12,21	
TCMT 16T304EN-SM	CTCP115	1A08	●	10,22		TNMA 220416EN	CTC3110	1A08	○	12,21	
TCMT 16T304EN-SM	CTCP125	1A08	●	10,22							
TCMT 16T304EN-SM	CTCP135	1A08	●	10,22							
TCMT 16T304EN-SM	CTC1135	1A08	●	9,72							
TCMT 16T304EN-SMF	CTCP115	1A08	●	9,72							
TCMT 16T308EN-F43	CTC2135	1A08	●	9,72							
TCMT 16T308EN-M25	CTPM125	1A08	●	10,22							
TCMT 16T308EN-M55	CTPM125	1A08	●	10,22							
TCMT 16T308EN-SF	CTCP125	1A08	●	10,22							
TCMT 16T308EN-SM	CTCK120	1A08	●	9,72							
TCMT 16T308EN-SM	CTCP115	1A08	●	10,22							
TCMT 16T308EN-SM	CTCP125	1A08	●	10,22							
TCMT 16T308EN-SM	CTCP135	1A08	●	10,22							
TCMT 16T308EN-SM	CTC1135	1A08	●	9,72							
TCMT 16T308EN-SM	CTC2135	1A08	●	9,72							
TCMT 16T308EN-SM	CTC3110	1A08	●	9,72							
TCMT 16T308EN-SM	S40T	1A07	○	7,61							
TCMT 16T308EN-SMF	CTCP115	1A08	●	9,72							
TCMT 16T308EN-SMF	TCM10	1A78	–	9,35							
TCMT 16T312EN-SM	CTCK120	1A08	●	9,72							
TCMT 220408EN-SM	CTCP125	1A08	●	14,70							
TCMT 220408EN-SM	CTCP135	1A08	●	14,70							
TCMT 220408EN-SM	CTC1135	1A08	●	14,70							
TCMW						TNMG					
TCMW 16T304FN	U17T	1A07	○	7,35		TNMG 110302EN	CTC1135	1A08	○	5,96	
TCMX						TNMG 110304EN-TF	CTCP125	1A08	●	5,96	
TCMX 160404EN	CTCP115	1A08	●	9,59		TNMG 160404EN-CF	TCC410	1A78	●	9,35	
TCMX 160404EN	CTCP125	1A08	●	9,59		TNMG 160404EN-F30	CTPM125	1A08	●	9,44	
TCMX 160404EN	CTCP135	1A08	●	9,59		TNMG 160404EN-M42	CTC2135	1A08	●	9,35	
TCMX 160404EN	CTC1135	1A08	●	9,59		TNMG 160404EN-M42	CTP2120	1A08	○	9,35	
TCMX 160408EN	CTCP115	1A08	●	9,59		TNMG 160404EN-M50	CTCP115	1A08	●	9,44	
TCMX 160408EN	CTCP125	1A08	●	9,59		TNMG 160404EN-M50	CTCP125	1A08	●	9,44	
TCMX 160408EN	CTCP135	1A08	●	9,59		TNMG 160404EN-M50	CTCP135	1A08	●	9,44	
TCMX 160408EN	CTC1135	1A08	●	9,59		TNMG 160404EN-M52	CTP2120	1A08	●	9,35	
TCMX 160412EN	CTCP125	1A08	●	9,59		TNMG 160404EN-TF	CTCP115	1A08	●	9,44	
TCMX 220404EN	CTC1135	1A08	○	13,66		TNMG 160404EN-TF	CTCP125	1A08	●	9,44	
TCMX 220408EN	CTC1135	1A08	●	13,66		TNMG 160404EN-TF	CTC1135	1A08	○	9,35	
TCMX 220412EN	CTCP125	1A08	○	13,66		TNMG 160404EN-TMF	CTCP115	1A08	●	9,44	
						TNMG 160404EN-TMF	CTCP125	1A08	●	9,44	
						TNMG 160404EN-TMF	CTC1135	1A08	●	9,35	
						TNMG 160404ER	CTCP125	1A08	●	9,44	
						TNMG 160404ER	CTCP135	1A08	●	9,44	
						TNMG 160404ER	CTC1135	1A08	●	9,35	
						TNMG 160408EL	CTCP125	1A08	●	9,44	
						TNMG 160408EN-CF	TCC410	1A78	●	9,35	
						TNMG 160408EN-F30	CTPM125	1A08	●	9,44	
						TNMG 160408EN-M30	CTPM125	1A08	●	9,44	
						TNMG 160408EN-M34	CTP5115	1A08	●	9,35	
						TNMG 160408EN-M42	CTC2135	1A08	○	9,35	
						TNMG 160408EN-M42	CTP2120	1A08	●	9,35	
						TNMG 160408EN-M50	CTCP115	1A08	●	9,44	
						TNMG 160408EN-M50	CTCP125	1A08	●	9,44	
						TNMG 160408EN-M52	CTP2120	1A08	●	9,35	
						TNMG 160408EN-M60	CTPM125	1A08	●	9,44	
						TNMG 160408EN-M70	CTC3110	1A08	●	9,35	
						TNMG 160408EN-TF	CTCP115	1A08	●	9,44	
						TNMG 160408EN-TF	CTCP125	1A08	●	9,44	
						TNMG 160408EN-TM	CTCP115	1A08	●	9,44	
						TNMG 160408EN-TM	CTCP125	1A08	●	9,44	
						TNMG 160408EN-TM	CTCP135	1A08	●	9,44	
						TNMG 160408EN-TM	CTC1135	1A08	●	9,35	
						TNMG 160408EN-TM	CTC2135	1A08	●	9,35	
						TNMG 160408EN-TMF	CTCP125	1A08	●	9,44	
						TNMG 160408EN-TMF	CTC1135	1A08	○	9,35	
						TNMG 160408EN-TMR	CTCK120	1A08	●	9,05	
						TNMG 160408EN-TMR	CTCP125	1A08	●	9,44	
						TNMG 160408EN-TMR	CTC2135	1A08	○	9,35	
						TNMG 160408EN-TMR	CTC3110	1A08	●	9,35	
						TNMG 160408EN-TRM	CTCP125	1A08	●	9,44	

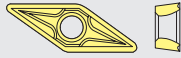
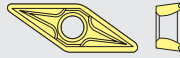

# Insert tools for turning

Inserts for turning

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each		
<div>TNMG<div></div></div>				<div>TPMR<div></div></div>					
TNMG 160408ER	CTCP125	1A08	●	9,44	TPMR 110304EL	CTCP135	1A08	●	9,60
TNMG 160408ER	CTC1135	1A08	●	9,35	TPMR 110304EL	CTC1135	1A09	●	9,60
TNMG 160412EN - CF	TCC410	1A78	●	9,35	TPMR 110304EN	CTCP125	1A11	●	6,59
TNMG 160412EN - M30	CTPM125	1A08	●	9,44	TPMR 110304EN	CTCP135	1A08	●	6,69
TNMG 160412EN - M50	CTCP115	1A08	●	9,44	TPMR 110304EN	CTC1135	1A11	●	6,59
TNMG 160412EN - M50	CTCP125	1A08	●	9,44	TPMR 110304ER	CTCP135	1A08	●	9,60
TNMG 160412EN - M60	CTPM125	1A08	●	9,44	TPMR 110304ER	CTC1135	1A09	●	9,60
TNMG 160412EN - M70	CTC3110	1A08	●	9,35	TPMR 110308EN	CTCP135	1A08	●	6,69
TNMG 160412EN - TM	CTCP125	1A08	○	9,44	TPMR 110308EN	CTC1135	1A11	●	6,59
TNMG 160412EN - TM	CTC1135	1A08	○	9,35	TPMR 160304EL	CTCP135	1A08	●	12,21
TNMG 160412EN - TMF	CTCP115	1A08	●	9,44	TPMR 160304EL	CTC1135	1A09	●	12,21
TNMG 160412EN - TMR	CTCP125	1A08	●	9,44	TPMR 160304EN	CTCP125	1A11	●	8,59
TNMG 160412EN - TMR	CTC3110	1A08	●	9,35	TPMR 160304EN	CTCP135	1A08	●	8,59
TNMG 160412EN - TRM	CTCP125	1A08	●	9,44	TPMR 160304EN	CTC1135	1A11	●	8,59
TNMG 220404EN - M34	CTP5115	1A08	●	13,46	TPMR 160304ER	CTCP135	1A08	●	12,21
TNMG 220404EN - TMR	CTCP125	1A08	●	12,73	TPMR 160304ER	CTC1135	1A09	●	12,21
TNMG 220408EN - M34	CTP5115	1A08	●	13,46	TPMR 160308EL	CTCP135	1A08	●	12,21
TNMG 220408EN - M70	CTCP125	1A08	●	12,73	TPMR 160308EL	CTC1135	1A09	●	12,21
TNMG 220408EN - TM	CTCP115	1A08	●	12,73	TPMR 160308EN	CTCP125	1A11	●	8,59
TNMG 220408EN - TM	CTCP125	1A08	●	12,73	TPMR 160308EN	CTCP135	1A08	●	8,59
TNMG 220408EN - TM	CTCP135	1A08	●	12,73	TPMR 160308EN	CTC1135	1A11	●	8,59
TNMG 220408EN - TM	CTC1135	1A08	●	12,73	TPMR 160308EN	CTC3110	1A11	●	8,59
TNMG 220408EN - TMR	CTCK120	1A08	●	12,73	TPMR 160308EN - 57	CTCP135	1A08	●	8,59
TNMG 220408EN - TMR	CTCP125	1A08	●	12,73	TPMR 160308EN - 57	CTC1135	1A11	●	8,59
TNMG 220408EN - TMR	CTC1135	1A08	●	12,73	TPMR 160308ER	CTCP135	1A08	●	8,59
TNMG 220408EN - TRM	CTCP125	1A08	●	12,73	TPMR 160308ER	CTC1135	1A09	●	12,21
TNMG 220412EN - M70	CTCP125	1A08	●	12,73					
TNMG 220412EN - TM	CTCP125	1A08	●	12,73					
TNMG 220412EN - TM	CTC1135	1A08	○	12,73					
TNMG 220412EN - TMR	CTCK120	1A08	●	12,73					
TNMG 220412EN - TMR	CTCP125	1A08	●	12,73					
TNMG 220412EN - TRM	CTCP125	1A08	●	12,73					
TNMG 220412EN - TRM	CTC1135	1A08	○	12,73					
TNMG 220416EN - M34	CTP5115	1A08	●	13,46					
TNMG 220416EN - TMR	CTCK120	1A08	●	12,73					
TNMG 220416EN - TMR	CTCP125	1A08	●	12,73					
TNMG 220416EN - TRM	CTCP125	1A08	●	12,73					
TNMG 330924EN	CTCP125	1A08	●	42,85					



<div>TNMM<div></div></div>				<div>TPUN<div></div></div>					
TNMM 160408SN - TRR	CTCP125	1A08	●	9,44	TPUN 110304EN	CTC1135	1A13	○	5,24
TNMM 160412EN - TR	CTCP125	1A08	●	9,44	TPUN 110304FN	H10T	1A13	●	3,17
TNMM 220408EN - TR	CTCP125	1A08	●	12,73	TPUN 110308EN	CTC3110	1A13	○	5,24
TNMM 220412EN - TR	CTCP125	1A08	●	12,73	TPUN 160304EN	CTCP125	1A13	●	6,86
TNMM 220412EN - TR	CTC1135	1A08	○	12,73	TPUN 160304EN	CTC1135	1A13	○	6,86
TNMM 220412SN - TRR	CTCP125	1A08	●	12,73	TPUN 160304EN	CTC3110	1A13	○	6,86
TNMM 220416EN - R28	CTCP115	1A08	●	12,73	TPUN 160304FN	H10T	1A13	●	4,50
TNMM 220416EN - R28	CTCP125	1A08	●	12,73	TPUN 160308EN	CTCP125	1A13	●	6,86
TNMM 220416EN - TR	CTCP125	1A08	●	12,73	TPUN 160308EN	CTC1135	1A13	●	6,86
TNMM 270616EN - TR	CTCP125	1A08	●	22,36	TPUN 160308EN	S26T	1A13	●	4,85
					TPUN 160308EN	S40T	1A13	○	4,73
					TPUN 160308FN	H10T	1A13	○	4,50
					TPUN 160312EN	CTC1135	1A13	○	6,86
					TPUN 220408EN	CTCP135	1A08	●	12,31
					TPUN 220408EN	CTC1135	1A13	●	12,21
					TPUN 220408EN	S40T	1A13	○	8,21
					TPUN 220412EN	CTC1135	1A13	●	12,21
					TPUN 220412EN	S40T	1A13	○	8,21

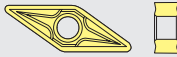
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TNUN 160412EN	CTC3110	1A13	○	8,35
TNUN 160416EN	CTC3110	1A13	○	8,35


Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
<b>VCGT</b> 					<b>VCGT</b> 				
VCGT 110300FN-F23	CTP2120	1A08	●	14,80	VCGT 220530FN-27	H10T	1A90	●	22,05
VCGT 110301EN-SF	TCM10	1A78	○	14,18					
VCGT 110301FN-F23	CTP2120	1A08	●	14,80					
VCGT 110302EN-SF	CTCP115	1A08	●	14,80					
VCGT 110302EN-SF	CTCP125	1A08	●	14,80					
VCGT 110302EN-SF	CTCP135	1A08	●	14,80					
VCGT 110302EN-SF	CTC1135	1A08	●	14,80					
VCGT 110302EN-SF	CTC2135	1A08	●	14,80					
VCGT 110302EN-SF	TCC410	1A78	●	15,53					
VCGT 110302EN-SF	TCM10	1A78	●	14,18					
VCGT 110302EN-SF	TCM407	1A78	●	14,18					
VCGT 110302EN-SMF	CTC1135	1A08	●	14,80					
VCGT 110302FN-25P	AMZ	1A90	●	16,04					
VCGT 110302FN-25P	H210T	1A90	●	13,97					
VCGT 110302FN-27	AMZ	1A90	●	15,63					
VCGT 110302FN-27	H10T	1A90	●	13,35					
VCGT 110304EN-SF	CTCP115	1A08	●	14,80					
VCGT 110304EN-SF	CTCP125	1A08	●	14,80					
VCGT 110304EN-SF	CTCP135	1A08	●	14,80					
VCGT 110304EN-SF	CTC1135	1A08	●	14,80					
VCGT 110304EN-SF	CTC2135	1A08	●	14,80					
VCGT 110304EN-SF	TCC410	1A78	●	15,53					
VCGT 110304EN-SF	TCM10	1A78	●	14,18					
VCGT 110304EN-SF	TCM407	1A78	●	14,18					
VCGT 110304FL-25Q	H210T	1A90	●	15,53					
VCGT 110304FN-25P	AMZ	1A90	●	16,04					
VCGT 110304FN-25P	H210T	1A90	●	13,97					
VCGT 110304FN-27	AMZ	1A90	●	15,63					
VCGT 110304FN-27	H10T	1A90	●	13,35					
VCGT 110304FR-25Q	H210T	1A90	●	15,53					
VCGT 110308EN-SF	CTCP115	1A08	●	14,80					
VCGT 110308EN-SF	CTCP125	1A08	●	14,80					
VCGT 110308EN-SF	CTCP135	1A08	●	14,80					
VCGT 110308EN-SF	CTC1135	1A08	●	14,80					
VCGT 110308FN-27	H10T	1A90	●	13,35					
VCGT 160401FN-F23	CTP2120	1A08	●	18,94					
VCGT 160404EN-SF	TCC410	1A78	●	19,15					
VCGT 160404EN-SF	TCM10	1A78	●	17,91					
VCGT 160404EN-SF	TCM407	1A78	●	17,91					
VCGT 160404FN-25P	AMZ	1A90	●	19,87					
VCGT 160404FN-25P	CTP4115	1A90	○	26,29					
VCGT 160404FN-25P	H210T	1A90	●	17,08					
VCGT 160404FN-27	AMZ	1A90	●	18,94					
VCGT 160404FN-27	H10T	1A90	●	16,25					
VCGT 160404FN-27	H10T	1A90	●	16,25					
VCGT 160408EN-SF	TCC410	1A78	●	19,15					
VCGT 160408EN-SF	TCM10	1A78	●	17,91					
VCGT 160408EN-SF	TCM407	1A78	○	17,91					
VCGT 160408EN-25P	CTP5115	1A90	●	18,84					
VCGT 160408FN-24P	H210T	1A90	●	18,80					
VCGT 160408FN-25P	AMZ	1A90	●	19,87					
VCGT 160408FN-25P	CTP4115	1A90	○	26,29					
VCGT 160408FN-25P	H210T	1A90	●	17,08					
VCGT 160408FN-27	AMZ	1A90	●	18,94					
VCGT 160408FN-27	H10T	1A90	●	16,25					
VCGT 160412EN-25P	CTP5115	1A90	●	18,84					
VCGT 160412FN-25P	AMZ	1A90	●	19,87					
VCGT 160412FN-25P	CTP4115	1A90	○	26,29					
VCGT 160412FN-25P	H210T	1A90	●	17,08					
VCGT 160412FN-27	H10T	1A90	●	16,25					
VCGT 220530FN-25P	AMZ	1A90	○	26,50					
VCGT 220530FN-25P	CTP4115	1A90	●	30,43					
VCGT 220530FN-25P	H210T	1A90	●	23,08					
					<b>VCMT</b> 				
					VCMT 110304EN-SMF	CTCP115	1A08	●	12,73
					VCMT 110304EN-SMF	CTCP125	1A08	●	12,73
					VCMT 110304EN-SMF	CTCP135	1A08	●	12,73
					VCMT 110304EN-SMF	CTC1135	1A08	●	11,90
					VCMT 110304EN-SMF	TCM10	1A78	●	11,39
					VCMT 160404EN-M25	CTPM125	1A08	●	14,80
					VCMT 160404EN-M55	CTPM125	1A08	●	14,80
					VCMT 160404EN-SF	CTCP115	1A08	●	14,80
					VCMT 160404EN-SF	CTCP125	1A08	●	14,80
					VCMT 160404EN-SF	CTCP135	1A08	●	14,80
					VCMT 160404EN-SF	CTC1135	1A08	●	14,80
					VCMT 160404EN-SF	CTC2135	1A08	●	14,80
					VCMT 160404EN-SM	CTCP115	1A08	●	14,80
					VCMT 160404EN-SM	CTCP125	1A08	●	14,80
					VCMT 160404EN-SM	CTCP135	1A08	●	14,80
					VCMT 160404EN-SM	CTC1135	1A08	●	14,80
					VCMT 160404EN-SM	CTC2135	1A08	●	14,80
					VCMT 160404EN-SM	CTC3110	1A08	○	14,80
					VCMT 160404EN-SMF	CTCP115	1A08	●	14,80
					VCMT 160404EN-SMF	CTCP125	1A08	●	14,80
					VCMT 160404EN-SMF	CTCP135	1A08	●	14,80
					VCMT 160404EN-SMF	CTC1135	1A08	●	14,80
					VCMT 160404EN-SMF	TCC410	1A78	●	14,80
					VCMT 160404EN-SMF	TCM10	1A78	●	14,08
					VCMT 160404EN-29	AMZ	1A90	○	15,01
					VCMT 160404EN-29	H216T	1A90	○	12,52
					VCMT 160406EN-SM	CTCP115	1A08	●	14,80
					VCMT 160408EN-M25	CTPM125	1A08	●	14,80
					VCMT 160408EN-M55	CTPM125	1A08	●	14,80
					VCMT 160408EN-SF	CTCP115	1A08	●	14,80
					VCMT 160408EN-SF	CTCP125	1A08	●	14,80
					VCMT 160408EN-SM	CTCP115	1A08	●	14,80
					VCMT 160408EN-SM	CTCP125	1A08	●	14,80
					VCMT 160408EN-SM	CTCP135	1A08	●	14,80
					VCMT 160408EN-SM	CTC1135	1A08	●	14,80
					VCMT 160408EN-SM	CTC2135	1A08	●	14,80
					VCMT 160408EN-SM	CTC3110	1A08	○	14,80
					VCMT 160408EN-SMF	CTCP115	1A08	●	14,80
					VCMT 160408EN-SMF	CTCP125	1A08	●	14,80
					VCMT 160408EN-SMF	CTCP135	1A08	●	14,80
					VCMT 160408EN-SMF	CTC1135	1A08	●	14,80
					VCMT 160408EN-SMF	TCM10	1A78	●	14,08
					VCMT 160408EN-29	AMZ	1A90	○	15,01
					VCMT 160408EN-29	H216T	1A90	○	12,52
					VCMT 160412EN-SM	CTCP135	1A08	●	14,80
					VCMT 160412EN-SM	CTC1135	1A08	●	14,80
					VCMT 160412EN-SM	CTC3110	1A08	●	14,80
					VCMT 160412EN-25	H210T	1A90	—	12,52
					VCMT 160412EN-29	AMZ	1A90	○	15,01
					VCMT 160412EN-29	H216T	1A90	○	12,52
					VCMT 220530EN-25	H210T	1A90	●	17,70


# Insert tools for turning


Inserts for turning

Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
<b>VCMW</b> 					<b>WNMG</b> 				
VCMW 160404FN	U17T	1A07	●	12,32	WNMG 060404EN-CF	TCC410	1A78	●	8,96

<b>VNGP</b> 				
VNGP 160402FN-F32	CTP2120	1A08	●	25,36
VNGP 160404FN-F32	CTP2120	1A08	●	25,36

<b>VNMG</b> 				
VNMG 160404EN-F30	CTPM125	1A08	●	19,04
VNMG 160404EN-F40	CTCP125	1A08	●	19,04
VNMG 160404EN-M34	CTP5110	1A08	●	18,11
VNMG 160404EN-M34	CTP5115	1A08	●	18,11
VNMG 160404EN-M40	CTCP125	1A08	●	19,04
VNMG 160404EN-M50	CTCP115	1A08	●	19,04
VNMG 160404EN-M50	CTCP125	1A08	●	19,04
VNMG 160408EN-F30	CTPM125	1A08	●	19,04
VNMG 160408EN-F40	CTCP125	1A08	●	19,04
VNMG 160408EN-M30	CTPM125	1A08	●	19,04
VNMG 160408EN-M34	CTP5110	1A08	●	18,11
VNMG 160408EN-M34	CTP5115	1A08	●	18,11
VNMG 160408EN-M40	CTCP125	1A08	●	19,04
VNMG 160408EN-M50	CTCK120	1A08	●	19,04
VNMG 160408EN-M50	CTCP115	1A08	●	19,04
VNMG 160408EN-M50	CTCP125	1A08	●	19,04
VNMG 160412EN-M34	CTP5110	1A08	●	18,11
VNMG 160412EN-M34	CTP5115	1A08	●	18,11
VNMG 160412EN-M50	CTCK120	1A08	●	19,04
VNMG 160412EN-M50	CTCP125	1A08	●	19,04

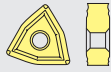
<b>VPGT</b> 				
VPGT 220516FN-25P	CTP4115	1A90	○	30,43
VPGT 220516FN-25P	H210T	1A90	●	23,08
VPGT 220516FN-27	H10T	1A90	●	22,05

<b>VPGX</b> 				
VPGX 220612FN-25P	H216T	1A90	●	23,08

WNMG 060404EN-F30	CTPM125	1A08	●	9,21
WNMG 060404EN-M42	CTC2135	1A08	●	8,96
WNMG 060404EN-M52	CTP2120	1A08	●	8,96
WNMG 060404EN-TF	CTCP115	1A08	●	9,21
WNMG 060404EN-TFQ	CTCP125	1A08	●	10,66
WNMG 060404EN-TMF	CTCP125	1A08	●	9,21
WNMG 060404EN-TMF	CTC1135	1A08	○	8,96
WNMG 060408EN-CF	TCC410	1A78	●	8,96
WNMG 060408EN-F30	CTPM125	1A08	●	9,21
WNMG 060408EN-M30	CTPM125	1A08	●	9,21
WNMG 060408EN-M42	CTC2135	1A08	●	8,96
WNMG 060408EN-M50	CTCP115	1A08	●	9,21
WNMG 060408EN-M50	CTCP125	1A08	●	9,21
WNMG 060408EN-M52	CTP2120	1A08	●	8,96
WNMG 060408EN-M60	CTPM125	1A08	●	9,21
WNMG 060408EN-TFQ	CTCP125	1A08	●	10,66
WNMG 060408EN-TFQ	TCC410	1A78	●	10,66
WNMG 060408EN-TM	CTCP115	1A08	●	9,21
WNMG 060408EN-TM	CTCP125	1A08	●	9,21
WNMG 060408EN-TM	CTCP135	1A08	●	9,21
WNMG 060408EN-TM	CTC1135	1A08	●	8,96
WNMG 060408EN-TM	CTC2135	1A08	●	8,96
WNMG 060408EN-TMF	CTCP115	1A08	●	9,21
WNMG 060408EN-TMF	CTCP125	1A08	●	9,21
WNMG 060408EN-TRM	CTCP125	1A08	●	9,21
WNMG 060412EN-M30	CTPM125	1A08	●	9,21
WNMG 060412EN-M50	CTCP115	1A08	●	9,21
WNMG 060412EN-M50	CTCP125	1A08	●	9,21
WNMG 060412EN-M60	CTPM125	1A08	●	9,21
WNMG 060412EN-TRM	CTCP125	1A08	●	9,21
WNMG 080404EN-F30	CTPM125	1A08	●	11,59
WNMG 080404EN-M42	CTC2135	1A08	○	11,59
WNMG 080404EN-M52	CTP2120	1A08	●	11,59
WNMG 080404EN-TF	CTCP115	1A08	●	11,59
WNMG 080404EN-TFQ	TCC410	1A78	–	13,35
WNMG 080404EN-TMF	CTCK120	1A08	●	11,59
WNMG 080404EN-TMF	CTCP125	1A08	●	11,59
WNMG 080404EN-TMF	CTC1135	1A08	○	11,59
WNMG 080408EN-F30	CTPM125	1A08	●	11,59
WNMG 080408EN-F34	CTP5115	1A08	●	11,80
WNMG 080408EN-M30	CTPM125	1A08	●	11,59
WNMG 080408EN-M34	CTP5110	1A08	●	12,11
WNMG 080408EN-M34	CTP5115	1A08	●	12,11
WNMG 080408EN-M42	CTC2135	1A08	●	11,59
WNMG 080408EN-M42	CTP2120	1A08	●	11,59
WNMG 080408EN-M50	CTCP115	1A08	●	11,59
WNMG 080408EN-M50	CTCP125	1A08	●	11,59
WNMG 080408EN-M50	CTCP135	1A08	●	11,59
WNMG 080408EN-M52	CTP2120	1A08	●	11,59
WNMG 080408EN-M60	CTPM125	1A08	●	11,59
WNMG 080408EN-M70	CTCP125	1A08	●	11,59
WNMG 080408EN-M70	CTCP135	1A08	●	11,59
WNMG 080408EN-M70	CTC3110	1A08	●	11,59
WNMG 080408EN-TF	CTCP125	1A08	●	11,59
WNMG 080408EN-TFQ	CTCP115	1A08	●	13,35
WNMG 080408EN-TFQ	CTCP125	1A08	●	13,35
WNMG 080408EN-TFQ	TCC410	1A78	●	13,35
WNMG 080408EN-TM	CTCP115	1A08	●	11,59
WNMG 080408EN-TM	CTCP125	1A08	●	11,59
WNMG 080408EN-TM	CTCP135	1A08	●	11,59
WNMG 080408EN-TM	CTC1135	1A08	●	11,59

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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## WNMG



WNMG 080408EN - TM	CTC2135	1A08	●	11,59
WNMG 080408EN - TMF	CTCP115	1A08	●	11,59
WNMG 080408EN - TMF	CTCP125	1A08	●	11,59
WNMG 080408EN - TMF	CTC1135	1A08	○	11,59
WNMG 080408EN - TMQ	CTCP125	1A08	●	13,35
WNMG 080408EN - TMR	CTCK120	1A08	●	11,59
WNMG 080408EN - TMR	CTCP125	1A08	●	11,59
WNMG 080408EN - TMR	CTC1135	1A08	●	11,59
WNMG 080408EN - TMR	CTC2135	1A08	●	11,59
WNMG 080408EN - TMR	CTC3110	1A08	●	11,59
WNMG 080408EN - TRM	CTCP125	1A08	●	11,59
WNMG 080412EN - M30	CTPM125	1A08	●	11,59
WNMG 080412EN - M34	CTP5110	1A08	●	12,11
WNMG 080412EN - M34	CTP5115	1A08	●	12,11
WNMG 080412EN - M42	CTC2135	1A08	○	11,59
WNMG 080412EN - M50	CTCP115	1A08	●	11,59
WNMG 080412EN - M50	CTCP125	1A08	●	11,59
WNMG 080412EN - M60	CTPM125	1A08	●	11,59
WNMG 080412EN - M70	CTCK120	1A08	●	11,59
WNMG 080412EN - M70	CTCP125	1A08	●	11,59
WNMG 080412EN - M70	CTC3110	1A08	●	11,59
WNMG 080412EN - TFQ	CTCP125	1A08	●	13,35
WNMG 080412EN - TM	CTCP125	1A08	●	11,59
WNMG 080412EN - TM	CTC2135	1A08	○	11,59
WNMG 080412EN - TMQ	CTCP115	1A08	●	13,35
WNMG 080412EN - TMQ	CTCP125	1A08	●	13,35
WNMG 080412EN - TMR	CTCK120	1A08	●	11,59
WNMG 080412EN - TMR	CTCP125	1A08	●	11,59
WNMG 080412EN - TMR	CTC3110	1A08	●	11,59
WNMG 080412EN - TRM	CTCP125	1A08	●	11,59
WNMG 080416EN - M70	CTCP115	1A08	●	11,59
WNMG 080416EN - M70	CTC3110	1A08	●	11,59
WNMG 080416EN - TMR	CTCK120	1A08	●	11,59
WNMG 080416EN - TMR	CTCP115	1A08	●	11,59
WNMG 080416EN - TMR	CTC3110	1A08	●	11,59
WNMG 080416EN - TRM	CTCP125	1A08	●	11,59

## XCGT

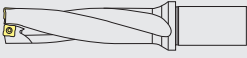
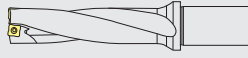
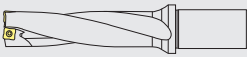
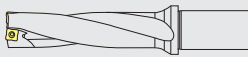


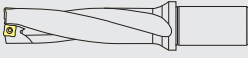

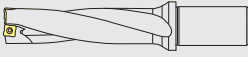


XCGT 400632FN - 25	H216T	1A90	●	51,75
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# Insert tools for drilling




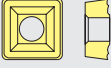
MaxiDrill

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
<b>2xD C900</b> 				<b>3xD C900</b> 			
C900.2D.190.R.06		2B41 ▲	294,78	C900.3D.380.R.12		2B41 ▲	385,56
C900.2D.210.R.07		2B41 ●	294,78	C900.3D.390.R.12		2B41 ●	385,56
C900.2D.240.R.08		2B41 ●	303,96	C900.3D.400.R.12		2B41 ▲	385,56
C900.2D.260.R.08		2B41 ●	336,60	C900.3D.410.R.12		2B41 ●	385,56
C900.2D.290.R.09		2B41 ●	336,60	C900.3D.420.R.13		2B41 ●	404,94
C900.2D.340.R.10		2B41 ▲	365,16	C900.3D.430.R.13		2B41 ●	404,94
C900.2D.380.R.12		2B41 ●	385,56	C900.3D.440.R.13		2B41 ●	404,94
C900.2D.390.R.12		2B41 ●	385,56	C900.3D.450.R.13		2B41 ●	404,94
C900.2D.440.R.13		2B41 ●	404,94	C900.3D.460.R.13		2B41 ●	404,94
<b>3xD C900</b> 				C900.3D.470.R.15		2B41 ●	425,34
C900.3D.140.R.04		2B41 ●	258,06	C900.3D.480.R.15		2B41 ●	425,34
C900.3D.145.R.04		2B41 ●	258,06	C900.3D.490.R.15		2B41 ●	459,00
C900.3D.150.R.04		2B41 ●	258,06	C900.3D.500.R.15		2B41 ●	459,00
C900.3D.155.R.04		2B41 ●	264,18	C900.3D.510.R.15		2B41 ●	471,24
C900.3D.160.R.05		2B41 ●	264,18	C900.3D.520.R.15		2B41 ●	471,24
C900.3D.165.R.05		2B41 ●	264,18	C900.3D.530.R.15		2B41 ●	471,24
C900.3D.170.R.05		2B41 ●	274,38	C900.3D.540.R.15		2B41 ●	471,24
C900.3D.175.R.05		2B41 ●	274,38	C900.3D.550.R.17		2B41 ●	471,24
C900.3D.180.R.06		2B41 ●	274,38	C900.3D.560.R.17		2B41 ●	488,58
C900.3D.185.R.06		2B41 ●	274,38	C900.3D.570.R.17		2B41 ●	488,58
C900.3D.190.R.06		2B41 ●	294,78	C900.3D.580.R.17		2B41 ●	488,58
C900.3D.195.R.06		2B41 ●	294,78	C900.3D.590.R.17		2B41 ●	488,58
C900.3D.200.R.06		2B41 ●	294,78	C900.3D.600.R.17		2B41 ●	488,58
C900.3D.205.R.06		2B41 ●	294,78	C900.3D.610.R.17		2B41 ●	488,58
C900.3D.210.R.07		2B41 ●	294,78	C900.3D.620.R.17		2B41 ●	488,58
C900.3D.215.R.07		2B41 ●	294,78	C900.3D.630.R.17		2B41 ▲	488,58
C900.3D.220.R.07		2B41 ●	294,78	<b>4xD C900</b> 			
C900.3D.225.R.07		2B41 ●	303,96	C900.4D.140.R.04		2B41 ▲	347,82
C900.3D.230.R.07		2B41 ●	303,96	C900.4D.150.R.04		2B41 ▲	347,82
C900.3D.235.R.07		2B41 ●	303,96	C900.4D.160.R.05		2B41 ▲	355,98
C900.3D.240.R.08		2B41 ●	303,96	C900.4D.170.R.05		2B41 ▲	369,24
C900.3D.245.R.08		2B41 ●	303,96	C900.4D.180.R.06		2B41 ●	369,24
C900.3D.250.R.08		2B41 ●	303,96	C900.4D.190.R.06		2B41 ●	396,78
C900.3D.255.R.08		2B41 ●	303,96	C900.4D.200.R.06		2B41 ●	396,78
C900.3D.260.R.08		2B41 ●	336,60	C900.4D.210.R.07		2B41 ●	396,78
C900.3D.265.R.08		2B41 ●	336,60	C900.4D.220.R.07		2B41 ●	396,78
C900.3D.270.R.08		2B41 ●	336,60	C900.4D.230.R.07		2B41 ●	410,04
C900.3D.275.R.08		2B41 ●	336,60	C900.4D.240.R.08		2B41 ●	410,04
C900.3D.280.R.09		2B41 ●	336,60	C900.4D.250.R.08		2B41 ●	410,04
C900.3D.285.R.09		2B41 ●	336,60	C900.4D.260.R.08		2B41 ●	452,88
C900.3D.290.R.09		2B41 ●	336,60	C900.4D.270.R.08		2B41 ●	452,88
C900.3D.295.R.09		2B41 ●	336,60	C900.4D.280.R.09		2B41 ●	452,88
C900.3D.300.R.09		2B41 ●	336,60	C900.4D.290.R.09		2B41 ●	452,88
C900.3D.305.R.09		2B41 ●	336,60	C900.4D.300.R.09		2B41 ●	452,88
C900.3D.310.R.09		2B41 ●	365,16	C900.4D.310.R.09		2B41 ●	491,64
C900.3D.315.R.09		2B41 ●	365,16	C900.4D.320.R.09		2B41 ●	491,64
C900.3D.320.R.09		2B41 ●	365,16	C900.4D.330.R.10		2B41 ●	491,64
C900.3D.325.R.10		2B41 ●	365,16	C900.4D.340.R.10		2B41 ●	491,64
C900.3D.330.R.10		2B41 ●	365,16	C900.4D.350.R.10		2B41 ●	501,84
C900.3D.335.R.10		2B41 ●	365,16	C900.4D.360.R.10		2B41 ●	501,84
C900.3D.340.R.10		2B41 ●	365,16	C900.4D.370.R.12		2B41 ●	519,18
C900.3D.345.R.10		2B41 ●	365,16	C900.4D.380.R.12		2B41 ●	519,18
C900.3D.350.R.10		2B41 ●	373,32	C900.4D.390.R.12		2B41 ●	519,18
C900.3D.355.R.10		2B41 ●	373,32	C900.4D.400.R.12		2B41 ●	519,18
C900.3D.360.R.10		2B41 ●	373,32	C900.4D.410.R.12		2B41 ●	519,18
C900.3D.365.R.10		2B41 ●	373,32	C900.4D.420.R.13		2B41 ●	544,68
C900.3D.370.R.12		2B41 ●	385,56	C900.4D.430.R.13		2B41 ●	544,68

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
<b>4xD C900</b> 				<b>2xD CLASSIC</b> 			
C900.4D.440.R.13		2B41	● 544,68	2D.180.R.03		2B41	● 232,15
C900.4D.450.R.13		2B41	● 544,68	2D.190.R.03		2B41	● 244,39
C900.4D.460.R.13		2B41	● 544,68	2D.200.R.03		2B41	● 244,39
C900.4D.470.R.15		2B41	● 574,26	2D.210.R.03		2B41	● 244,39
C900.4D.480.R.15		2B41	● 574,26	2D.220.R.03		2B41	● 244,39
C900.4D.490.R.15		2B41	● 574,26	2D.230.R.03		2B41	● 252,86
C900.4D.500.R.15		2B41	● 574,26	2D.240.R.05		2B41	● 267,65
C900.4D.510.R.15		2B41	● 574,26	2D.250.R.05		2B41	● 267,65
C900.4D.520.R.15		2B41	● 574,26	2D.260.R.05		2B41	● 267,65
C900.4D.530.R.15		2B41	● 574,26	2D.270.R.05		2B41	● 267,65
C900.4D.540.R.15		2B41	● 574,26	2D.280.R.05		2B41	● 267,65
				2D.290.R.05		2B41	● 267,65
				2D.300.R.06		2B41	● 284,89
				2D.310.R.06		2B41	● 284,89
				2D.320.R.06		2B41	● 284,89
				2D.340.R.06		2B41	● 284,89
				2D.350.R.06		2B41	● 302,02
				2D.360.R.06		2B41	● 335,17
				2D.370.R.06		2B41	● 335,17
				2D.380.R.07		2B41	● 335,17
				2D.390.R.07		2B41	● 335,17
				2D.400.R.07		2B41	● 335,17
				2D.420.R.07		2B41	● 335,17
				2D.440.R.07		2B41	● 358,53
				2D.460.R.07		2B41	● 358,53
				2D.480.R.07		2B41	● 371,99
				2D.500.R.07		2B41	● 371,99
				2D.530.R.07		2B41	● 371,99
<b>5xD C900</b> 				<b>3xD CLASSIC</b> 			
C900.5D.140.R.04		2B41	▲ 413,10	3D.140.R.02		2B41	● 244,39
C900.5D.150.R.04		2B41	● 413,10	3D.145.R.02		2B41	● 244,39
C900.5D.160.R.05		2B41	● 423,30	3D.150.R.02		2B41	● 244,39
C900.5D.170.R.05		2B41	● 438,60	3D.155.R.02		2B41	● 244,39
C900.5D.180.R.06		2B41	● 438,60	3D.160.R.02		2B41	● 244,39
C900.5D.190.R.06		2B41	● 471,24	3D.165.R.02		2B41	● 244,39
C900.5D.200.R.06		2B41	● 471,24	3D.170.R.02		2B41	● 244,39
C900.5D.210.R.07		2B41	● 471,24	3D.175.R.02		2B41	● 244,39
C900.5D.220.R.07		2B41	● 471,24	3D.180.L.03		2B41	– 244,39
C900.5D.230.R.07		2B41	● 488,07	3D.180.R.03		2B41	● 244,39
C900.5D.240.R.08		2B41	● 488,07	3D.185.R.03		2B41	● 244,39
C900.5D.250.R.08		2B41	● 488,07	3D.190.L.03		2B41	– 244,39
C900.5D.260.R.08		2B41	● 538,56	3D.190.R.03		2B41	● 244,39
C900.5D.270.R.08		2B41	● 538,56	3D.195.R.03		2B41	● 244,39
C900.5D.280.R.09		2B41	● 538,56	3D.200.L.03		2B41	– 244,39
C900.5D.290.R.09		2B41	● 538,56	3D.200.R.03		2B41	● 244,39
C900.5D.300.R.09		2B41	● 538,56	3D.205.R.03		2B41	● 244,39
C900.5D.310.R.09		2B41	● 583,44	3D.210.L.03		2B41	– 244,39
C900.5D.320.R.09		2B41	● 583,44	3D.210.R.03		2B41	● 244,39
C900.5D.330.R.10		2B41	● 583,44	3D.215.R.03		2B41	● 244,39
C900.5D.340.R.10		2B41	● 583,44	3D.220.L.03		2B41	– 244,39
C900.5D.350.R.10		2B41	● 596,70	3D.220.R.03		2B41	● 244,39
C900.5D.360.R.10		2B41	● 596,70	3D.225.R.03		2B41	● 244,39
C900.5D.370.R.12		2B41	● 617,10	3D.230.R.03		2B41	● 252,86
C900.5D.380.R.12		2B41	● 617,10	3D.235.R.03		2B41	● 252,86
C900.5D.390.R.12		2B41	● 617,10	3D.240.L.05		2B41	– 267,65
C900.5D.400.R.12		2B41	● 617,10	3D.240.R.05		2B41	● 267,65
C900.5D.410.R.12		2B41	● 617,10	3D.245.R.05		2B41	● 267,65
<b>2xD CLASSIC</b> 							
2D.140.R.02		2B41	● 232,15				
2D.145.R.02		2B41	● 232,15				
2D.150.L.02		2B41	– 232,15				
2D.150.R.02		2B41	● 232,15				
2D.155.R.02		2B41	● 232,15				
2D.160.L.02		2B41	– 232,15				
2D.160.R.02		2B41	● 232,15				
2D.165.R.02		2B41	● 232,15				
2D.170.L.02		2B41	– 232,15				
2D.170.R.02		2B41	● 232,15				
2D.175.R.02		2B41	● 232,15				

# Insert tools for drilling

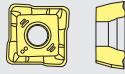
MaxiDrill

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
<b>3xD CLASSIC</b> 				<b>4xD CLASSIC</b> 			
3D.250.R.05		2B41 ●	267,65	4D.255.R.05		2B41 ●	341,19
3D.255.R.05		2B41 ●	267,65	4D.260.R.05		2B41 ●	341,19
3D.260.L.05		2B41 –	267,65	4D.265.R.05		2B41 ●	341,19
3D.260.R.05		2B41 ●	267,65	4D.270.R.05		2B41 ●	341,19
3D.265.R.05		2B41 ●	267,65	4D.280.R.05		2B41 ●	341,19
3D.270.L.05		2B41 –	267,65	4D.290.R.05		2B41 ●	341,19
3D.270.R.05		2B41 ●	267,65	4D.300.R.06		2B41 ●	357,31
3D.280.L.05		2B41 –	267,65	4D.310.R.06		2B41 ●	357,31
3D.280.R.05		2B41 ●	267,65	4D.320.R.06		2B41 ●	357,31
3D.290.L.05		2B41 –	267,65	4D.330.R.06		2B41 ●	357,31
3D.290.R.05		2B41 ●	267,65	4D.340.R.06		2B41 ●	357,31
3D.300.L.06		2B41 –	284,89	4D.350.R.06		2B41 ●	357,31
3D.300.R.06		2B41 ●	284,89	4D.360.R.06		2B41 ●	421,06
3D.310.R.06		2B41 ●	284,89	4D.370.R.06		2B41 ●	421,06
3D.320.L.06		2B41 –	284,89	4D.380.R.07		2B41 ●	421,06
3D.320.R.06		2B41 ●	284,89	4D.390.R.07		2B41 ●	421,06
3D.330.R.06		2B41 ●	284,89	4D.400.R.07		2B41 ●	421,06
3D.340.L.06		2B41 –	284,89	4D.410.R.07		2B41 ●	421,06
3D.340.R.06		2B41 ●	284,89	4D.420.R.07		2B41 ●	421,06
3D.350.R.06		2B41 ●	302,02	4D.430.R.07		2B41 ●	421,06
3D.360.L.06		2B41 –	335,17	4D.440.R.07		2B41 ●	451,76
3D.360.R.06		2B41 ●	335,17	4D.450.R.07		2B41 ●	451,76
3D.370.R.06		2B41 ●	335,17	4D.460.R.07		2B41 ●	451,76
3D.380.R.07		2B41 ●	335,17	4D.470.R.07		2B41 ●	451,76
3D.390.R.07		2B41 ●	335,17	4D.480.R.07		2B41 ●	466,45
3D.400.L.07		2B41 –	335,17	4D.490.R.07		2B41 ●	466,45
3D.400.R.07		2B41 ●	335,17	4D.500.R.07		2B41 ●	466,45
3D.410.R.07		2B41 ●	335,17				
3D.420.R.07		2B41 ●	335,17				
3D.430.R.07		2B41 ●	335,17				
3D.440.R.07		2B41 ●	358,53				
3D.450.R.07		2B41 ●	358,53				
3D.460.R.07		2B41 ○	358,53				
3D.470.L.07		2B41 –	358,53				
3D.470.R.07		2B41 ○	358,53				
3D.480.R.07		2B41 ●	371,99				
3D.490.R.07		2B41 ●	371,99				
3D.500.R.07		2B41 ○	371,99				
3D.510.R.07		2B41 ○	371,99				
3D.520.R.07		2B41 ○	371,99				
3D.530.R.07		2B41 ●	371,99				
<b>4xD CLASSIC</b> 				<b>SCLT</b> 			
4D.180.R.03		2B41 ●	313,04	SCLT 042204-F30	H216T	1A08 ○	8,95
4D.185.R.03		2B41 ●	313,04	SCLT 042204-F50	CTP1340	1A08 ○	11,62
4D.190.R.03		2B41 ●	313,04	SCLT 042204-F50	SR226+	1A08 ○	10,87
4D.195.R.03		2B41 ●	313,04	SCLT 052404-F30	H216T	1A08 ○	8,95
4D.200.R.03		2B41 ●	313,04	SCLT 052404-F50	CTP1340	1A08 ○	11,62
4D.205.R.03		2B41 ●	313,04	SCLT 052404-F50	SR226+	1A08 ○	10,87
4D.210.R.03		2B41 ●	313,04	SCLT 062806-F30	H216T	1A08 ○	9,28
4D.215.R.03		2B41 ●	313,04	SCLT 062806-F50	CTP1340	1A08 ○	11,93
4D.220.R.03		2B41 ●	313,04	SCLT 062806-F50	SR226+	1A08 ○	11,29
4D.225.R.03		2B41 ●	313,04	SCLT 073206-F30	H216T	1A08 ○	9,63
4D.230.R.03		2B41 ●	324,16	SCLT 073206-F50	CTP1340	1A08 ○	12,25
4D.235.R.03		2B41 ●	324,16	SCLT 073206-F50	SR226+	1A08 ○	11,62
4D.240.R.05		2B41 ●	341,19	SCLT 083608-F30	H216T	1A08 ○	9,97
4D.245.R.05		2B41 ●	341,19	SCLT 083608-F50	CTP1340	1A08 ○	12,57
4D.250.R.05		2B41 ●	341,19	SCLT 083608-F50	SR226+	1A08 ○	11,93
				SCLT 104208-F30	H216T	1A08 ○	10,31
				SCLT 104208-F50	CTP1340	1A08 ○	12,88
				SCLT 104208-F50	SR226+	1A08 ○	12,25
				SCLT 125008-F30	H216T	1A08 ○	10,66
				SCLT 125008-F50	CTP1340	1A08 ○	13,30
				SCLT 125008-F50	SR226+	1A08 ○	12,57



Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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## SONT



SONT 042105ER-M30	CTPP430	1A08	●	12,85
SONT 052306ER-M30	CTPP430	1A08	●	13,01
SONT 062506ER-M30	CTPP430	1A08	●	13,23
SONT 072907ER-M30	CTPP430	1A08	●	13,52
SONT 083308ER-M30	CTPP430	1A08	●	13,83
SONT 093808ER-M30	CTPP430	1A08	●	14,15
SONT 104408ER-M30	CTPP430	1A08	●	14,83
SONT 124810ER-M30	CTPP430	1A08	●	15,71
SONT 135012ER-M30	CTPP430	1A08	●	16,63
SONT 155312ER-M30	CTPP430	1A08	●	18,87
SONT 175612ER-M30	CTPP430	1A08	●	19,99

## WCGT



WCGT 020204SN-29	SR127	1A08	●	16,16
WCGT 030204FN	U17T	1A07	●	13,62
WCGT 030204SN-29	CTC1435	1A08	●	16,16
WCGT 030204SN-29	SR127	1A08	●	16,16
WCGT 050304FN	U17T	1A07	●	14,15
WCGT 050304SN-29	CTC1435	1A08	●	17,42
WCGT 050304SN-29	SR127	1A08	●	16,58
WCGT 060304FN	U17T	1A07	●	14,25
WCGT 060304SN-29	CTC1435	1A08	●	18,79
WCGT 060304SN-29	SR127	1A08	●	17,95
WCGT 07T304FN	U17T	1A07	●	16,16
WCGT 07T304SN-29	CTC1435	1A08	●	19,85
WCGT 07T304SN-29	SR127	1A08	●	18,90

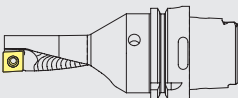
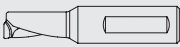
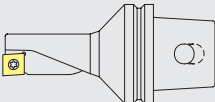

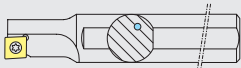
## XOMT

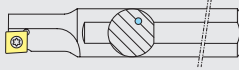
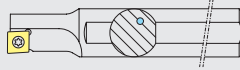
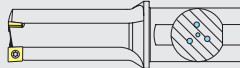
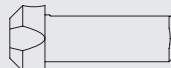



XOMT 020204SN	GM40	1A08	●	11,09
XOMT 020204SN	SR226	1A08	●	11,51
XOMT 030204SN	GM40	1A08	●	11,09
XOMT 030204SN	SR226	1A08	●	11,51
XOMT 050304SN	GM40	1A08	●	11,51
XOMT 050304SN	SR226	1A08	●	11,82
XOMT 050304SN	S40T	1A07	●	9,65
XOMT 060304SN	GM40	1A08	●	12,25
XOMT 060304SN	SR226	1A08	●	12,57
XOMT 07T304SN	GM40	1A08	●	12,88
XOMT 07T304SN	SR226	1A08	●	13,40
XOMT 07T304SN	S40T	1A07	○	10,98

# Multi-function tools



EcoCut / ProfileMaster

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
<b>HSK-T..EC ..</b> 				<b>EC .. MINI</b> 			
HSK-T63-EC-25L-2.25D 13		2D80	○ 306,00	EC 08L-2.25D-27	TSM30	2B20	– 54,85
HSK-T63-EC-25R-2.25D 13		2D80	○ 306,00	EC 08L-4.00D	CM45	2B20	– 65,46
HSK-T63-EC-32L-2.25D 17		2D80	○ 306,00	EC 08L-4.00D-27	TSM30	2B20	– 57,50
HSK-T63-EC-32R-2.25D 17		2D80	○ 306,00	EC 08R-2.25D	CM45	2B20	– 62,48
<b>UTS EC ..</b> 				EC 08R-4.00D	CM45	2B20	– 65,46
UT40-EC 16L-2.25D 08		2D80	● 296,10	EC 08R-4.00D-27	TSM30	2B20	– 57,50
UT40-EC 16R-2.25D 08		2D80	● 296,10	ECM 04L-2.25D	CTPP435	2B20	● 55,27
UT40-EC 18L-2.25D 09		2D80	○ 296,10	ECM 04L-2.25D-27	CTWN425	2B20	● 48,70
UT40-EC 20L-2.25D 10		2D80	● 296,10	ECM 04L-4.00D	CTPP435	2B20	● 58,03
UT40-EC 20R-2.25D 10		2D80	● 296,10	ECM 04L-4.00D-27	CTWN425	2B20	● 51,14
UT40-EC 25L-2.25D 13		2D80	● 380,40	ECM 04R-2.25D	CTPP435	2B20	● 55,27
UT40-EC 25R-2.25D 13		2D80	● 380,40	ECM 04R-2.25D-27	CTWN425	2B20	● 48,70
UT40-EC 32L-2.25D 17		2D80	● 420,00	ECM 04R-4.00D	CTPP435	2B20	▲ 58,03
UT40-EC 32R-2.25D 17		2D80	● 420,00	ECM 04R-4.00D-27	CTWN425	2B20	● 51,14
UT50-EC 16R-2.25D 08		2D80	– 317,80	ECM 05L-2.25D	CTPP435	2B20	▲ 57,18
UT50-EC 20L-2.25D 10		2D80	– 317,80	ECM 05L-2.25D-27	CTWN425	2B20	● 50,07
UT50-EC 25R-2.25D 13		2D80	– 397,20	ECM 05L-4.00D	CTPP435	2B20	● 59,83
UT50-EC 32L-2.25D 17		2D80	– 438,00	ECM 05L-4.00D-27	CTWN425	2B20	● 52,51
UT63-EC 25L-2.25D 13-MIY		2D80	● 435,60	ECM 05R-2.25D	CTPP435	2B20	● 57,18
UT63-EC 25R-2.25D 13		2D80	● 416,40	ECM 05R-2.25D-27	CTWN425	2B20	● 50,07
UT63-EC 25R-2.25D 13-MIY		2D80	● 435,60	ECM 05R-4.00D	CTPP435	2B20	● 59,83
UT63-EC 32R-2.25D 17		2D80	– 457,30	ECM 05R-4.00D-27	CTWN425	2B20	● 52,51
UT63-EC 32R-2.25D 17-MIY		2D80	● 476,60	ECM 06L-2.25D	CTPP435	2B20	● 58,67
<b>EC .. MINI</b> 				ECM 06L-2.25D-27	CTWN425	2B20	● 51,77
EC 04L-2.25D	CM45	2B20	– 55,27	ECM 06L-4.00D	CTPP435	2B20	● 61,63
EC 04L-2.25D-27	TSM30	2B20	– 48,70	ECM 06L-4.00D-27	CTWN425	2B20	● 54,11
EC 04R-2.25D	CM45	2B20	– 55,27	ECM 07L-2.25D	CTPP435	2B20	● 60,48
EC 04R-2.25D-27	TSM30	2B20	– 48,70	ECM 07L-2.25D-27	CTWN425	2B20	● 53,36
EC 04R-4.00D	CM45	2B20	– 58,03	ECM 07L-4.00D	CTPP435	2B20	● 63,65
EC 04R-4.00D-27	TSM30	2B20	– 51,14	ECM 07L-4.00D-27	CTWN425	2B20	● 55,80
EC 05L-2.25D	CM45	2B20	– 57,18	ECM 07R-2.25D	CTPP435	2B20	● 60,48
EC 05L-2.25D-27	TSM30	2B20	– 50,07	ECM 07R-2.25D-27	CTWN425	2B20	● 53,36
EC 05L-4.00D-27	TSM30	2B20	– 52,51	ECM 07R-4.00D	CTPP435	2B20	● 63,65
EC 05R-2.25D	CM45	2B20	– 57,18	ECM 07R-4.00D-27	CTWN425	2B20	● 55,80
EC 05R-2.25D-27	TSM30	2B20	– 50,07	ECM 08L-2.25D	CTPP435	2B20	● 62,48
EC 05R-4.00D	CM45	2B20	– 59,83	ECM 08L-2.25D-27	CTWN425	2B20	● 54,85
EC 05R-4.00D-27	TSM30	2B20	– 52,51	ECM 08L-4.00D	CTPP435	2B20	● 65,46
EC 06L-2.25D	CM45	2B20	– 58,67	ECM 08L-4.00D-27	CTWN425	2B20	● 57,50
EC 06L-2.25D-27	TSM30	2B20	– 51,77	ECM 08R-2.25D	CTPP435	2B20	● 62,48
EC 06L-4.00D-27	TSM30	2B20	– 54,11	ECM 08R-2.25D-27	CTWN425	2B20	● 54,85
EC 06R-2.25D	CM45	2B20	– 58,67	ECM 08R-4.00D	CTPP435	2B20	● 65,46
EC 06R-4.00D	CM45	2B20	– 61,63	ECM 08R-4.00D-27	CTWN425	2B20	● 57,50
EC 06R-4.00D-27	TSM30	2B20	– 54,11	<b>EC .. CLASSIC</b> 			
EC 07L-2.25D	CM45	2B20	– 60,48	EC 08L-1.5D 04		2B20	– 151,70
EC 07L-2.25D-27	TSM30	2B20	– 53,36	EC 08L-2.25D 04		2B20	– 225,71
EC 07L-4.00D	CM45	2B20	– 63,65	EC 08L-3.0D 04 H		2B20	– 556,60
EC 07L-4.00D-27	TSM30	2B20	– 55,80	EC 10L-1.5D 05		2B20	– 151,70
EC 07R-2.25D	CM45	2B20	– 60,48	EC 10L-2.25D 05		2B20	– 225,71
EC 07R-2.25D-27	TSM30	2B20	– 53,36	EC 10L-3.0D 05 H		2B20	– 559,13
EC 07R-4.00D	CM45	2B20	– 63,65	EC 10R-3.0D 05 H		2B20	– 559,13
EC 07R-4.00D-27	TSM30	2B20	– 55,80	EC 12L-1.5D 06		2B20	– 154,16
EC 08L-2.25D	CM45	2B20	– 62,48	EC 12L-2.25D 06		2B20	– 231,86
				EC 12R-2.25D 06		2B20	– 231,86

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
<b>EC .. CLASSIC</b> 				<b>EC .. CLASSIC</b> 			
EC 12R-3.0D 06 H		2B20	– 603,57	ECC 18L-2.25D 09		2B20	● 266,50
EC 14L-1.5D 07		2B20	– 157,85	ECC 18L-3.0D 09 H		2B20	● 819,68
EC 14L-2.25D 07		2B20	– 236,98	ECC 18R-1.5D 09		2B20	● 185,01
EC 14L-3.0D 07 H		2B20	– 617,51	ECC 18R-2.25D 09		2B20	● 266,50
EC 14R-1.5D 07		2B20	– 157,85	ECC 18R-3.0D 09 H		2B20	● 819,68
EC 14R-3.0D 07 H		2B20	– 617,51	ECC 20L-1.5D 10		2B20	● 208,49
EC 16L-1.5D 08		2B20	– 160,41	ECC 20L-2.25D 10		2B20	● 290,08
EC 16L-2.25D 08		2B20	– 241,90	ECC 20L-3.0D 10 H		2B20	● 836,26
EC 16L-3.0D 08 H		2B20	– 677,16	ECC 20R-1.5D 10		2B20	● 208,49
EC 16R-1.5D 08		2B20	– 160,41	ECC 20R-2.25D 10		2B20	● 290,08
EC 16R-3.0D 08 H		2B20	– 677,16	ECC 20R-3.0D 10 H		2B20	● 836,26
EC 18L-1.5D 09		2B20	– 185,01	ECC 25L-1.5D 13		2B20	● 240,57
EC 18L-3.0D 09 H		2B20	– 819,68	ECC 25L-2.25D 13		2B20	● 336,82
EC 18R-1.5D 09		2B20	– 185,01	ECC 25L-3.0D 13 H		2B20	● 1065,30
EC 18R-2.25D 09		2B20	– 266,50	ECC 25R-1.5D 13		2B20	● 240,57
EC 18R-3.0D 09 H		2B20	– 819,68	ECC 25R-2.25D 13		2B20	● 336,82
EC 20L-1.5D 10		2B20	– 208,49	ECC 25R-3.0D 13 H		2B20	● 1065,30
EC 20L-2.25D 10		2B20	– 290,08	ECC 32L-1.5D 17		2B20	● 272,65
EC 20L-3.0D 10 H		2B20	– 836,26	ECC 32L-2.25D 17		2B20	● 378,74
EC 20R-1.5D 10		2B20	– 208,49	ECC 32L-3.0D 17 H		2B20	● 1394,60
EC 20R-2.25D 10		2B20	– 290,08	ECC 32R-1.5D 17		2B20	● 272,65
EC 25L-1.5D 13		2B20	– 240,57	ECC 32R-2.25D 17		2B20	● 378,74
EC 25L-3.0D 13 H		2B20	– 1065,30	ECC 32R-3.0D 17 H		2B20	● 1394,60
EC 25R-1.5D 13		2B20	– 240,57				
EC 25R-3.0D 13 H		2B20	– 1065,30	<b>ECR ..</b> 			
EC 32L-1.5D 17		2B20	– 272,65	ECR 4020L03-2.25D 10		2B20	● 439,11
EC 32L-2.25D 17		2B20	– 378,74	ECR 4020R03-2.25D 10		2B20	● 439,11
EC 32L-3.0D 17 H		2B20	– 1394,60	ECR 6032L03-2.25D 17		2B20	● 529,21
EC 32R-1.5D 17		2B20	– 272,65	ECR 6032R03-2.25D 17		2B20	● 529,21
EC 32R-2.25D 17		2B20	– 378,74				
EC 32R-3.0D 17 H		2B20	– 1394,60	<b>EC-AD ..</b> 			
ECC 08L-1.5D 04		2B20	● 151,70	EC-ADX20-06		2B20	● 180,09
ECC 08L-2.25D 04		2B20	● 225,71	EC-ADX20-08		2B20	● 180,09
ECC 08L-3.0D 04 H		2B20	● 556,60				
ECC 08R-1.5D 04		2B20	● 151,70	<b>XCET</b> 			
ECC 08R-2.25D 04		2B20	● 225,71	XCET 040102FL-27P	H216T	1D19	● 16,02
ECC 08R-3.0D 04 H		2B20	● 556,60	XCET 040102FL-27Q	H210T	1D19	○ 16,66
ECC 10L-1.5D 05		2B20	● 151,70	XCET 040102FR-27P	H216T	1D19	● 16,02
ECC 10L-2.25D 05		2B20	● 225,71	XCET 040102FR-27Q	H210T	1D19	○ 16,66
ECC 10L-3.0D 05 H		2B20	● 559,13	XCET 040104FL-27P	H216T	1D19	● 16,02
ECC 10R-1.5D 05		2B20	● 151,70	XCET 040104FL-27Q	H210T	1D19	○ 16,66
ECC 10R-2.25D 05		2B20	● 225,71	XCET 040104FR-27P	H216T	1D19	● 16,02
ECC 10R-3.0D 05 H		2B20	● 559,13	XCET 040104FR-27Q	H210T	1D19	○ 16,66
ECC 12L-1.5D 06		2B20	● 154,16	XCET 050202FN-27P	H216T	1D19	● 16,02
ECC 12L-2.25D 06		2B20	● 231,86	XCET 050202FN-27Q	H210T	1D19	○ 16,66
ECC 12L-3.0D 06 H		2B20	● 603,57	XCET 050204FN-27P	H216T	1D19	● 16,02
ECC 12R-1.5D 06		2B20	● 154,16	XCET 050204FN-27Q	H210T	1D19	● 16,66
ECC 12R-2.25D 06		2B20	● 231,86	XCET 060202FN-27P	H216T	1D19	● 16,02
ECC 12R-3.0D 06 H		2B20	● 603,57	XCET 060202FN-27Q	H210T	1D19	● 16,66
ECC 14L-1.5D 07		2B20	● 157,85	XCET 060204FN-27P	H216T	1D19	● 16,02
ECC 14L-2.25D 07		2B20	● 236,98				
ECC 14L-3.0D 07 H		2B20	● 617,51				
ECC 14R-1.5D 07		2B20	● 157,85				
ECC 14R-2.25D 07		2B20	● 236,98				
ECC 14R-3.0D 07 H		2B20	● 617,51				
ECC 16L-1.5D 08		2B20	● 160,41				
ECC 16L-2.25D 08		2B20	● 241,90				
ECC 16L-3.0D 08 H		2B20	● 677,16				
ECC 16R-1.5D 08		2B20	● 160,41				
ECC 16R-2.25D 08		2B20	● 241,90				
ECC 16R-3.0D 08 H		2B20	● 677,16				
ECC 18L-1.5D 09		2B20	● 185,01				

# Multi-function tools

EcoCut / ProfileMaster

Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
XCET					XCNT				
									
XCET 060204FN-27Q	H210T	1D19	●	16,66	XCNT 050204EN	CTP2440	1D19	–	14,32
XCET 070304FN-27P	H216T	1D19	●	16,02	XCNT 050204EN-M50Q	CTCP425	1D19	●	14,95
XCET 070304FN-27Q	H210T	1D19	●	16,66	XCNT 050204EN-M50Q	CTC1435	1D19	–	14,95
XCET 080304FN-27P	H216T	1D19	●	16,24	XCNT 060202EN	CTCP425	1D19	●	14,32
XCET 080304FN-27Q	H210T	1D19	●	16,87	XCNT 060202EN	CTCP435	1D19	●	14,32
XCET 09T304FN-27P	H216T	1D19	●	16,34	XCNT 060202EN	CTC1425	1D19	–	14,32
XCET 09T304FN-27Q	H210T	1D19	●	16,97	XCNT 060202EN	CTC1435	1D19	–	14,32
XCET 10T304FN-27P	H216T	1D19	●	16,66	XCNT 060202EN	CTPP430	1D19	●	14,32
XCET 10T304FN-27Q	H210T	1D19	●	17,51	XCNT 060202EN	CTP2440	1D19	–	14,32
XCET 10T308FN-27P	H216T	1D19	●	16,66	XCNT 060204EN	CTCP425	1D19	●	14,32
XCET 10T308FN-27Q	H210T	1D19	○	17,51	XCNT 060204EN	CTCP435	1D19	●	14,32
XCET 130404FN-27P	H216T	1D19	●	20,37	XCNT 060204EN	CTC1425	1D19	–	14,32
XCET 130404FN-27Q	H210T	1D19	●	21,22	XCNT 060204EN	CTC1435	1D19	–	14,32
XCET 130408FN-27P	H216T	1D19	●	20,37	XCNT 060204EN	CTPP430	1D19	●	14,32
XCET 130408FN-27Q	H210T	1D19	●	21,22	XCNT 060204EN	CTP2440	1D19	–	14,32
XCET 170508FN-27P	H216T	1D19	●	20,68	XCNT 060204EN-M50Q	CTCP425	1D19	●	14,95
XCET 170508FN-27Q	H210T	1D19	●	21,75	XCNT 060204EN-M50Q	CTC1435	1D19	–	14,95
					XCNT 070304EN	CTCP425	1D19	●	14,32
					XCNT 070304EN	CTCP435	1D19	●	14,32
					XCNT 070304EN	CTC1425	1D19	–	14,32
					XCNT 070304EN	CTC1435	1D19	–	14,32
					XCNT 070304EN	CTPP430	1D19	●	14,32
					XCNT 070304EN	CTP2440	1D19	–	14,32
					XCNT 070304EN-M50Q	CTCP425	1D19	●	14,95
					XCNT 070304EN-M50Q	CTC1435	1D19	–	14,95
					XCNT 080304EN	CTCP425	1D19	●	14,53
					XCNT 080304EN	CTCP435	1D19	●	14,53
					XCNT 080304EN	CTC1425	1D19	–	14,53
					XCNT 080304EN	CTC1435	1D19	–	14,53
					XCNT 080304EN	CTPP430	1D19	●	14,53
					XCNT 080304EN	CTP2440	1D19	–	14,53
					XCNT 080304EN-M50Q	CTCP425	1D19	●	15,17
					XCNT 080304EN-M50Q	CTC1425	1D19	–	15,17
					XCNT 09T304EN	CTCP425	1D19	●	14,75
					XCNT 09T304EN	CTCP435	1D19	●	14,75
					XCNT 09T304EN	CTC1425	1D19	–	14,75
					XCNT 09T304EN	CTC1435	1D19	–	14,75
					XCNT 09T304EN	CTPP430	1D19	●	14,75
					XCNT 09T304EN	CTP2440	1D19	–	14,75
					XCNT 09T304EN-M50Q	CTCP425	1D19	●	15,49
					XCNT 09T304EN-M50Q	CTC1425	1D19	–	15,49
					XCNT 10T304EN	CTCP425	1D19	●	15,49
					XCNT 10T304EN	CTCP435	1D19	●	15,49
					XCNT 10T304EN	CTC1425	1D19	–	15,49
					XCNT 10T304EN	CTC1435	1D19	–	15,49
					XCNT 10T304EN	CTPP430	1D19	●	15,49
					XCNT 10T304EN	CTP2440	1D19	–	15,49
					XCNT 10T304EN-M50Q	CTCP425	1D19	●	16,12
					XCNT 10T304EN-M50Q	CTC1425	1D19	–	16,12
					XCNT 10T308EN	CTCP425	1D19	●	15,49
					XCNT 10T308EN	CTCP435	1D19	●	15,49
					XCNT 10T308EN	CTC1425	1D19	–	15,49
					XCNT 10T308EN	CTC1435	1D19	–	15,49
					XCNT 10T308EN	CTPP430	1D19	●	15,49
					XCNT 10T308EN	CTP2440	1D19	–	15,49
					XCNT 10T308EN-M50Q	CTCP425	1D19	●	16,12
					XCNT 10T308EN-M50Q	CTC1425	1D19	–	16,12
					XCNT 130404EN	CTCP425	1D19	●	17,71
					XCNT 130404EN	CTCP435	1D19	●	17,71
					XCNT 130404EN	CTC1425	1D19	–	17,71
					XCNT 130404EN	CTC1435	1D19	–	17,71
					XCNT 130404EN	CTPP430	1D19	●	17,71

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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**XCNT**

XCNT 130404EN	CTP2440	1D19	–	17,71
XCNT 130404EN-M50Q	CTCP425	1D19	●	18,56
XCNT 130404EN-M50Q	CTC1425	1D19	–	18,56
XCNT 130408EN	CTCP425	1D19	●	17,71
XCNT 130408EN	CTCP435	1D19	●	17,71
XCNT 130408EN	CTC1425	1D19	–	17,71
XCNT 130408EN	CTC1435	1D19	–	17,71
XCNT 130408EN	CTPP430	1D19	●	17,71
XCNT 130408EN	CTP2440	1D19	–	17,71
XCNT 130408EN-M50Q	CTCP425	1D19	●	18,56
XCNT 130408EN-M50Q	CTC1425	1D19	–	18,56
XCNT 170508EN	CTCP425	1D19	●	18,68
XCNT 170508EN	CTCP435	1D19	●	18,68
XCNT 170508EN	CTC1425	1D19	–	18,68
XCNT 170508EN	CTC1435	1D19	–	18,68
XCNT 170508EN	CTPP430	1D19	●	18,68
XCNT 170508EN	CTP2440	1D19	–	18,68
XCNT 170508EN-M50Q	CTCP425	1D19	●	19,63
XCNT 170508EN-M50Q	CTC1425	1D19	–	19,63

**PM ..**

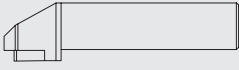
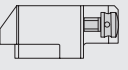
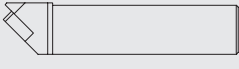
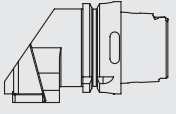

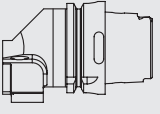
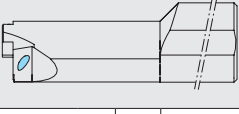
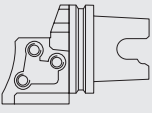
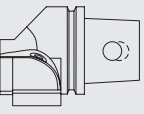
PM 10L-1.5D		2GP1	●	163,60
PM 10L-2.25D		2GP1	●	240,60
PM 10R-1.5D		2GP1	●	163,60
PM 10R-2.25D		2GP1	●	240,60
PM 12L-1.5D		2GP1	●	169,60
PM 12L-2.25D		2GP1	●	245,60
PM 12R-1.5D		2GP1	●	169,60
PM 12R-2.25D		2GP1	●	245,60
PM 16L-1.5D		2GP1	●	179,40
PM 16L-2.25D		2GP1	●	258,80
PM 16R-1.5D		2GP1	●	179,40
PM 16R-2.25D		2GP1	●	258,80
PM 20L-1.5D		2GP1	●	221,40
PM 20L-2.25D		2GP1	●	309,30
PM 20R-1.5D		2GP1	●	221,40
PM 20R-2.25D		2GP1	●	309,30
PM 25L-1.5D		2GP1	●	251,60
PM 25L-2.25D		2GP1	●	355,10
PM 25R-1.5D		2GP1	●	251,60
PM 25R-2.25D		2GP1	●	355,10
PM 32L-1.5D		2GP1	●	287,70
PM 32L-2.25D		2GP1	●	398,40
PM 32R-1.5D		2GP1	●	287,70
PM 32R-2.25D		2GP1	●	398,40

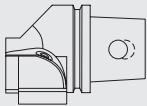
**PM**

PM 10LG 201504-M20	CTC1435	1FP2	●	15,42
PM 10LG 201504-M20	CTP2440	1FP2	●	15,42
PM 10RG 201504-M20	CTC1435	1FP2	●	15,42
PM 10RG 201504-M20	CTP2440	1FP2	●	15,42
PM 12LG 201804-M20	CTC1435	1FP2	●	15,53
PM 12LG 201804-M20	CTP2440	1FP2	●	15,53
PM 12RG 201804-M20	CTC1435	1FP2	●	15,53
PM 12RG 201804-M20	CTP2440	1FP2	●	15,53
PM 16LG 252004-M20	CTC1435	1FP2	●	15,73
PM 16LG 252004-M20	CTP2440	1FP2	●	15,73
PM 16RG 252004-M20	CTC1435	1FP2	●	15,73
PM 16RG 252004-M20	CTP2440	1FP2	●	15,73
PM 20LG 302504-M20	CTC1435	1FP2	●	16,46
PM 20LG 302504-M20	CTP2440	1FP2	●	16,46
PM 20RG 302504-M20	CTC1435	1FP2	●	16,46
PM 20RG 302504-M20	CTP2440	1FP2	●	16,46
PM 25LG 353004-M20	CTC1435	1FP2	●	18,32
PM 25LG 353004-M20	CTP2440	1FP2	●	18,32
PM 25RG 353004-M20	CTC1435	1FP2	●	18,32
PM 25RG 353004-M20	CTP2440	1FP2	●	18,32
PM 32LG 404004-M20	CTC1435	1FP2	●	19,77
PM 32LG 404004-M20	CTP2440	1FP2	●	19,77
PM 32RG 404004-M20	CTC1435	1FP2	●	19,77
PM 32RG 404004-M20	CTP2440	1FP2	●	19,77

# Insert tools for parting, grooving and threading

MaxiLock MSS tool holders

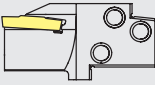
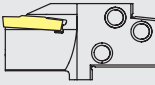
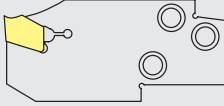
Designation	€ each	Designation	€ each
<b>MSS tool holders 0°</b> 		<b>MSS adapters</b> 	
<b>2C71</b>		<b>2C71</b>	
MSS-E12L00-1212E	● 125,10	MSS-E20L00-AD	○ 145,70
MSS-E12R00-1212E	● 125,10	MSS-E20R00-AD	○ 145,70
MSS-E16L00-1616G	● 126,40	MSS-E25L00-AD	○ 146,90
MSS-E16R00-1616G	● 126,40	MSS-E25R00-AD	○ 146,90
MSS-E20L00-1620G	● 127,50	MSS-E32L00-AD	○ 151,70
MSS-E20L00-2020J	● 127,50	MSS-E32R00-AD	○ 151,70
MSS-E20R00-1620G	● 127,50		
MSS-E20R00-2020J	● 127,50		
MSS-E25L00-2525L	● 130,10		
MSS-E25R00-2525L	● 130,10		
MSS-E32L00-3225N	● 133,70		
MSS-E32L00-3232Q	● 136,00		
MSS-E32R00-3225N	● 133,70		
MSS-E32R00-3232Q	● 136,00		
<b>MSS tool holders 45°</b> 		<b>HSK-T MSS tool holders 0°</b> 	
<b>2C71</b>		<b>2D80</b>	
MSS-E20L45-2020J	● 127,50	HSK-T63-MSS-E25L00	○ 335,50
MSS-E20R45-2020J	● 127,50	HSK-T63-MSS-E25R00	○ 335,50
MSS-E25L45-2525L	● 130,10	HSK-T63-MSS-E32L00	○ 335,50
MSS-E25R45-2525L	● 130,10	HSK-T63-MSS-E32R00	○ 335,50
		HSK-T100-MSS-E25L00	○ 383,00
		HSK-T100-MSS-E25R00	○ 383,00
		HSK-T100-MSS-E32L00	○ 383,00
		HSK-T100-MSS-E32R00	○ 383,00
<b>MSS tool holders 90°</b> 		<b>HSK-T MSS tool holders 90°</b> 	
<b>2C71</b>		<b>2D80</b>	
MSS-E20L90-2020J	● 127,50	HSK-T63-MSS-E32L90	○ 335,50
MSS-E20R90-2020J	● 127,50	HSK-T63-MSS-E32R90	○ 335,50
MSS-E25L90-2525L	● 130,10	HSK-T100-MSS-E32L90	○ 383,00
MSS-E25R90-2525L	● 130,10	HSK-T100-MSS-E32R90	○ 383,00
MSS-E32L90-3225N	○ 133,70		
MSS-E32R90-3225N	● 133,70		
<b>MSS boring bars 90°</b> 		<b>UTS MSS tool holders 0°</b> 	
<b>2C71</b>		<b>2D80</b>	
MSS-I16L90-1.5D-N	● 139,60	UT40-MSS-E25L00	● 253,90
MSS-I16L90-2.5D-N	● 150,40	UT40-MSS-E25R00	● 253,90
MSS-I16R90-1.5D-N	● 139,60	UT50-MSS-E25L00	● 281,60
MSS-I16R90-2.5D-N	● 150,40	UT50-MSS-E25R00	– 281,60
MSS-I20L90-1.5D-N	● 171,00	UT50-MSS-E32R00	● 281,60
MSS-I20L90-2.5D-N	● 183,00	UT63-MSS-E25L00	– 310,50
MSS-I20R90-1.5D-N	● 171,00	UT63-MSS-E25L00-MIY	– 333,40
MSS-I20R90-2.5D-N	● 183,00	UT63-MSS-E25R00	● 310,50
MSS-I25L90-1.5D-N	● 196,10	UT63-MSS-E25R00-MIY	– 333,40
MSS-I25L90-2.5D-N	● 209,40	UT63-MSS-E32L00	● 310,50
MSS-I25R90-1.5D-N	● 196,10	UT63-MSS-E32R00	● 310,50
MSS-I25R90-2.5D-N	● 209,40		
MSS-I32L90-1.5D-N	● 252,80		
MSS-I32L90-2.5D-N	● 273,10		
MSS-I32R90-1.5D-N	● 252,80		
MSS-I32R90-2.5D-N	● 273,10		
MSS-I40L90-1.5D-N	● 315,30		
MSS-I40L90-2.5D-N	● 347,80		
MSS-I40R90-1.5D-N	● 315,30		
MSS-I40R90-2.5D-N	● 347,80		
		<b>UTS MSS tool holders 90°</b> 	
		<b>2D80</b>	
		UT40-MSS-E25L90	● 253,90
		UT40-MSS-E25R90	– 253,90
		UT40-MSS-I32R90-2D	● 291,30
		UT40-MSS-I40L90-2D	○ 356,30
		UT40-MSS-I40R90-2D	– 356,30
		UT50-MSS-E25L90	● 281,60
		UT50-MSS-E25R90	● 281,60
		UT50-MSS-I32L90-2D	○ 315,30
		UT63-MSS-E32L90	– 310,50

Designation	€ each	Designation	€ each
<div> <div> <b>UTS MSS tool holders 90°</b>  </div> <div> <b>2D80</b> </div> </div>			
UT63 - MSS - E32R90	●	310,50	
UT63 - MSS - I40R90 - 2D - MIY	○	412,80	

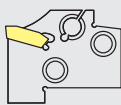


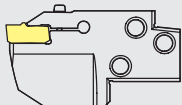
# Insert tools for parting, grooving and threading

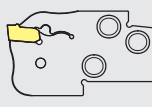
MaxiLock MSS modules

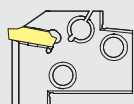
Designation	€ each	Designation	€ each
<b>Axial modules</b> 		<b>Axial modules</b> 	
<b>2C71</b>		<b>2C71</b>	
MSS-E16L05-AX05	● 90,00	MSS-E32L15-GX24-4 A150-300	● 108,10
MSS-E16R05-AX05	● 90,00	MSS-E32L15-GX24-4 A300-900	● 108,10
MSS-E20L05-AX05	● 90,00	MSS-E32L15-GX24-4 A70-100	○ 108,10
MSS-E20L10-AX10	● 90,00	MSS-E32R15-GX24-3 A100-150	○ 108,10
MSS-E20L14-GX24-2 A100-150	● 106,40	MSS-E32R15-GX24-3 A150-300	● 108,10
MSS-E20L14-GX24-2 A50-70	● 106,40	MSS-E32R15-GX24-3 A70-100	● 108,10
MSS-E20L14-GX24-2 A70-100	● 106,40	MSS-E32R15-GX24-4 A100-150	○ 108,10
MSS-E20L15-AX15	● 90,00	MSS-E32R15-GX24-4 A150-300	○ 108,10
MSS-E20R05-AX05	● 90,00	MSS-E32R15-GX24-4 A300-900	● 108,10
MSS-E20R10-AX10	● 90,00	MSS-E32R15-GX24-4 A70-100	○ 108,10
MSS-E20R14-GX24-2 A100-150	● 106,40		
MSS-E20R14-GX24-2 A50-70	● 106,40		
MSS-E20R14-GX24-2 A70-100	● 106,40		
MSS-E20R15-AX15	● 90,00		
MSS-E25L05-AX05	● 91,00		
MSS-E25L10-AX10	● 91,00		
MSS-E25L15-AX15	● 91,00		
MSS-E25L15-GX24-2 A100-150	● 107,30		
MSS-E25L15-GX24-2 A50-70	● 107,30		
MSS-E25L15-GX24-2 A70-100	● 107,30		
MSS-E25L15-GX24-3 A100-150	● 107,30		
MSS-E25L15-GX24-3 A150-300	● 107,30		
MSS-E25L15-GX24-3 A50-70	● 107,30		
MSS-E25L15-GX24-3 A70-100	● 107,30		
MSS-E25L15-GX24-4 A100-150	● 107,30		
MSS-E25L15-GX24-4 A150-300	● 107,30		
MSS-E25L15-GX24-4 A50-70	● 107,30		
MSS-E25L15-GX24-4 A70-100	● 107,30		
MSS-E25L21-GX24-3 AS100-150	● 109,50		
MSS-E25L21-GX24-3 AS150-300	● 109,50		
MSS-E25L21-GX24-3 AS50-70	● 109,50		
MSS-E25L21-GX24-3 AS70-100	● 109,50		
MSS-E25L25-GX24-4 AS100-150	● 109,50		
MSS-E25L25-GX24-4 AS150-300	● 109,50		
MSS-E25L25-GX24-4 AS50-70	● 109,50		
MSS-E25L25-GX24-4 AS70-100	● 109,50		
MSS-E25R05-AX05	● 91,00		
MSS-E25R10-AX10	● 91,00		
MSS-E25R15-AX15	● 91,00		
MSS-E25R15-GX24-2 A100-150	● 107,30		
MSS-E25R15-GX24-2 A50-70	● 107,30		
MSS-E25R15-GX24-2 A70-100	● 107,30		
MSS-E25R15-GX24-3 A100-150	● 107,30		
MSS-E25R15-GX24-3 A150-300	● 107,30		
MSS-E25R15-GX24-3 A50-70	● 107,30		
MSS-E25R15-GX24-3 A70-100	● 107,30		
MSS-E25R15-GX24-4 A100-150	● 107,30		
MSS-E25R15-GX24-4 A150-300	● 107,30		
MSS-E25R15-GX24-4 A50-70	● 107,30		
MSS-E25R15-GX24-4 A70-100	● 107,30		
MSS-E25R21-GX24-3 AS100-150	● 109,50		
MSS-E25R21-GX24-3 AS150-300	● 109,50		
MSS-E25R21-GX24-3 AS50-70	● 109,50		
MSS-E25R21-GX24-3 AS70-100	● 109,50		
MSS-E25R25-GX24-4 AS100-150	● 109,50		
MSS-E25R25-GX24-4 AS150-300	● 109,50		
MSS-E25R25-GX24-4 AS50-70	● 109,50		
MSS-E25R25-GX24-4 AS70-100	● 109,50		
MSS-E32L15-GX24-3 A100-150	○ 108,10		
MSS-E32L15-GX24-3 A150-300	● 108,10		
MSS-E32L15-GX24-3 A70-100	● 108,10		
MSS-E32L15-GX24-4 A100-150	○ 108,10		
		<b>FX modules - external</b> 	
		<b>2C71</b>	
		MSS-E20L20-FX2.2	● 81,90
		MSS-E20L20-FX3.1	● 81,90
		MSS-E20L20-FX4.1	● 81,90
		MSS-E20R20-FX2.2	● 81,90
		MSS-E20R20-FX3.1	● 81,90
		MSS-E20R20-FX4.1	● 81,90
		MSS-E25L20-FX2.2	● 82,50
		MSS-E25L25-FX3.1	● 82,50
		MSS-E25L25-FX4.1	● 82,50
		MSS-E25L25-FX5.1	○ 82,50
		MSS-E25L25-FX6.5	○ 82,50
		MSS-E25L35-FX3.1	● 83,30
		MSS-E25L35-FX4.1	● 83,30
		MSS-E25L35-FX5.1	● 83,30
		MSS-E25L35-FX6.5	○ 83,30
		MSS-E25R20-FX2.2	● 82,50
		MSS-E25R25-FX3.1	● 82,50
		MSS-E25R25-FX4.1	● 82,50
		MSS-E25R25-FX5.1	○ 82,50
		MSS-E25R25-FX6.5	○ 82,50
		MSS-E25R35-FX3.1	● 83,30
		MSS-E25R35-FX4.1	● 83,30
		MSS-E25R35-FX5.1	○ 83,30
		MSS-E25R35-FX6.5	○ 83,30
		MSS-E32L32-FX3.1	● 84,80
		MSS-E32L32-FX4.1	● 84,80
		MSS-E32L32-FX5.1	● 84,80
		MSS-E32L32-FX6.5	○ 84,80
		MSS-E32L45-FX3.1	● 86,20
		MSS-E32L45-FX4.1	● 86,20
		MSS-E32L45-FX5.1	○ 86,20
		MSS-E32L45-FX6.5	○ 86,20
		MSS-E32R32-FX3.1	● 84,80
		MSS-E32R32-FX4.1	● 84,80
		MSS-E32R32-FX5.1	○ 84,80
		MSS-E32R32-FX6.5	● 84,80
		MSS-E32R45-FX3.1	● 86,20
		MSS-E32R45-FX4.1	● 86,20
		MSS-E32R45-FX5.1	○ 86,20
		MSS-E32R45-FX6.5	○ 86,20

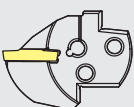


Designation		€ each		Designation		€ each	
<b>GX modules - external</b>							
<b>2C71</b>							
MSS-E12L02-GX09-1	●	81,00		MSS-E32N25-LX	●	91,40	
MSS-E12L07-GX09-1	●	81,00		MSS-E32N32-LX	●	91,40	
MSS-E12L07-GX09-2	●	81,00		MSS-E32N45-LX	●	91,40	
MSS-E12R02-GX09-1	●	81,00					
MSS-E12R07-GX09-1	●	81,00					
MSS-E12R07-GX09-2	●	81,00					
MSS-E16L02-GX09-1	●	81,90					
MSS-E16L07-GX09-1	●	81,90					
MSS-E16L07-GX09-2	●	81,90					
MSS-E16R02-GX09-1	●	81,90					
MSS-E16R07-GX09-1	●	81,90					
MSS-E16R07-GX09-2	●	81,90					
MSS-E20L03-GX16-2	●	81,90					
MSS-E20L12-GX16-1	●	81,90					
MSS-E20L12-GX16-2	●	81,90					
MSS-E20L12-GX16-3	●	81,90					
MSS-E20L21-GX24-1	●	81,90					
MSS-E20L21-GX24-2	●	81,90					
MSS-E20L21-GX24-3	●	81,90					
MSS-E20R03-GX16-2	●	81,90					
MSS-E20R12-GX16-1	●	81,90					
MSS-E20R12-GX16-2	●	81,90					
MSS-E20R12-GX16-3	●	81,90					
MSS-E20R21-GX24-1	●	81,90					
MSS-E20R21-GX24-2	●	81,90					
MSS-E20R21-GX24-3	●	81,90					
MSS-E25L03-GX16-2	●	82,50					
MSS-E25L12-GX16-1	●	82,50					
MSS-E25L12-GX16-2	●	82,50					
MSS-E25L12-GX16-3	●	82,50					
MSS-E25L12-GX16-4	●	82,50					
MSS-E25L21-GX24-1	●	82,50					
MSS-E25L21-GX24-2	●	82,50					
MSS-E25L21-GX24-3	●	82,50					
MSS-E25L21-GX24-4	●	82,50					
MSS-E25L21-GX24-5	○	82,50					
MSS-E25R03-GX16-2	●	82,50					
MSS-E25R12-GX16-1	●	82,50					
MSS-E25R12-GX16-2	●	82,50					
MSS-E25R12-GX16-3	●	82,50					
MSS-E25R12-GX16-4	●	82,50					
MSS-E25R21-GX24-1	●	82,50					
MSS-E25R21-GX24-2	●	82,50					
MSS-E25R21-GX24-3	●	82,50					
MSS-E25R21-GX24-4	●	82,50					
MSS-E25R21-GX24-5	○	82,50					
MSS-E32L03-GX16-2	●	83,30					
MSS-E32L12-GX16-2	●	83,30					
MSS-E32L12-GX16-3	●	83,30					
MSS-E32L12-GX16-4	●	83,30					
MSS-E32L21-GX24-2	●	83,30					
MSS-E32L21-GX24-3	●	83,30					
MSS-E32L21-GX24-4	●	83,30					
MSS-E32R03-GX16-2	●	83,30					
MSS-E32R12-GX16-2	●	83,30					
MSS-E32R12-GX16-3	●	83,30					
MSS-E32R12-GX16-4	○	83,30					
MSS-E32R21-GX24-2	●	83,30					
MSS-E32R21-GX24-3	●	83,30					
MSS-E32R21-GX24-4	●	83,30					

<b>LX modules - external</b>							
<b>2C71</b>							
MSS-E32N25-LX	●	91,40		MSS-E32N32-LX	●	91,40	
MSS-E32N45-LX	●	91,40					

<b>SX modules</b>							
<b>2C71</b>							
MSS-E20L20-SX2	●	81,90		MSS-E20L20-SX3	●	81,90	
MSS-E20R20-SX2	●	81,90		MSS-E20R20-SX3	●	81,90	
MSS-E25L20-SX2	●	82,50		MSS-E25L25-SX3	●	82,50	
MSS-E25L25-SX4	●	82,50		MSS-E25L35-SX3	●	83,30	
MSS-E25L35-SX4	●	83,30		MSS-E25R20-SX2	●	82,50	
MSS-E25R20-SX2	●	82,50		MSS-E25R25-SX3	●	82,50	
MSS-E25R25-SX4	●	82,50		MSS-E25R35-SX3	●	83,30	
MSS-E25R35-SX4	●	83,30		MSS-E32L35-SX3	●	84,80	
MSS-E32L35-SX4	●	84,80		MSS-E32R35-SX3	●	84,80	
MSS-E32R35-SX4	●	84,80					

<b>TC modules - external</b>							
<b>2C82</b>							
MSS-E20L-TC16-1	●	81,90		MSS-E20N-TC16-2	●	81,90	
MSS-E20R-TC16-1	●	81,90		MSS-E25L-TC16-1	●	82,50	
MSS-E25L-TC16-1	●	82,50		MSS-E25L-TC16-2	●	82,50	
MSS-E25N-TC16-3	●	82,50		MSS-E25R-TC16-1	●	82,50	
MSS-E25R-TC16-1	●	82,50		MSS-E25R-TC16-2	●	82,50	

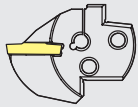
<b>GX modules - internal</b>							
<b>2C71</b>							
MSS-I16L02-GX09-1	●	81,90		MSS-I16L04-GX09-1	●	81,90	
MSS-I16L04-GX09-2	●	81,90		MSS-I16R02-GX09-1	●	81,90	
MSS-I16R04-GX09-1	●	81,90		MSS-I16R04-GX09-2	●	81,90	
MSS-I20L02-GX09-1	●	81,90		MSS-I20L05-GX09-1	●	81,90	
MSS-I20L05-GX09-2	●	81,90		MSS-I20R02-GX09-1	●	81,90	
MSS-I20R05-GX09-1	●	81,90		MSS-I20R05-GX09-2	●	81,90	
MSS-I25L02-GX09-1	●	82,50		MSS-I25L06-GX09-1	●	82,50	
MSS-I25L06-GX09-2	●	82,50					

# Insert tools for parting, grooving and threading

MaxiLock MSS modules

Designation	€ each	Designation	€ each
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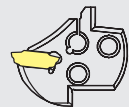
## GX modules - internal



### 2C71

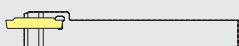
MSS-I25R02-GX09-1	●	82,50
MSS-I25R06-GX09-1	●	82,50
MSS-I25R06-GX09-2	●	82,50
MSS-I32L03-GX16-2	●	83,30
MSS-I32L09-GX16-1	●	83,30
MSS-I32L09-GX16-2	●	83,30
MSS-I32L09-GX16-3	●	83,30
MSS-I32L09-GX16-4	●	83,30
MSS-I32R03-GX16-2	●	83,30
MSS-I32R09-GX16-1	●	83,30
MSS-I32R09-GX16-2	●	83,30
MSS-I32R09-GX16-3	●	83,30
MSS-I32R09-GX16-4	●	83,30
MSS-I40L03-GX16-2	○	84,00
MSS-I40L10-GX16-1	●	84,00
MSS-I40L10-GX16-2	●	84,00
MSS-I40L10-GX16-3	●	84,00
MSS-I40L10-GX16-4	●	84,00
MSS-I40N19-GX24-2	●	95,40
MSS-I40N19-GX24-3	●	95,40
MSS-I40N19-GX24-4	●	95,40
MSS-I40R03-GX16-2	○	84,00
MSS-I40R10-GX16-1	●	84,00
MSS-I40R10-GX16-2	●	84,00
MSS-I40R10-GX16-3	●	84,00
MSS-I40R10-GX16-4	●	84,00

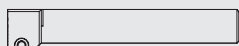
## TC modules - internal

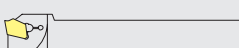


### 2C82

MSS-I32L-TC16-1	○	83,30
MSS-I32L-TC16-2	●	83,30
MSS-I32N-TC16-3	●	83,30
MSS-I32R-TC16-1	●	83,30
MSS-I32R-TC16-2	●	83,30

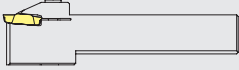
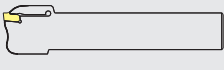
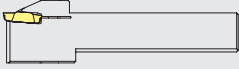
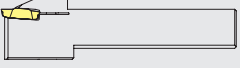

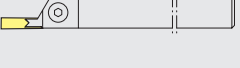
Designation		€ each	Designation		€ each
<b>AX monoblock tool holders 0°</b>					
<b>2C71</b>			<b>2A25</b>		
E16L0005-1616L-AX05	●	109,60	XLCFR 2520 M31 FX	●	103,10
E16L0010-1616L-AX10	●	109,60	XLCFR 2520 M41 FX	●	103,10
E16R0005-1616L-AX05	●	109,60			
E16R0010-1616L-AX10	●	109,60			
E20L0005-2020L-AX05	●	126,00			
E20L0010-2020L-AX10	●	126,00			
E20L0015-2020L-AX15	●	126,00			
E20R0005-2020L-AX05	●	126,00			
E20R0010-2020L-AX10	●	126,00			
E20R0015-2020L-AX15	●	126,00			
E25L0005-2525N-AX05	●	134,90			
E25L0010-2525N-AX10	●	134,90			
E25L0015-2525N-AX15	●	134,90			
E25R0005-2525N-AX05	●	134,90			
E25R0010-2525N-AX10	●	134,90			
E25R0015-2525N-AX15	●	134,90			

<b>AX monoblock tool holders 90°</b>					
<b>2C71</b>			<b>2C71</b>		
E16L9005-1616J-AX05	●	109,60	E10L00-1010M-GX09	●	117,80
E16L9010-1616J-AX10	●	109,60	E10R00-1010M-GX09	●	117,80
E16R9005-1616J-AX05	●	109,60	E12L0012-1212K-GX16-1	●	86,90
E16R9010-1616J-AX10	●	109,60	E12L0012-1212K-GX16-2	●	86,90
E20L9005-2020J-AX05	●	126,00	E12R0012-1212K-GX16-1	●	86,90
E20L9010-2020J-AX10	●	126,00	E12R0012-1212K-GX16-2	●	86,90
E20L9015-2020J-AX15	●	126,00	E16L0012-1616K-GX16-1	●	92,80
E20R9005-2020J-AX05	●	126,00	E16L0012-1616K-GX16-2	●	92,80
E20R9010-2020J-AX10	●	126,00	E16L0012-1616K-GX16-3	●	92,80
E20R9015-2020J-AX15	●	126,00	E16L0021-1616K-GX24-1	●	99,70
E25L9005-2525L-AX05	●	134,90	E16L0021-1616K-GX24-2	●	99,70
E25L9010-2525J-AX10	●	134,90	E16R0012-1616K-GX16-1	●	92,80
E25L9015-2525L-AX15	●	134,90	E16R0012-1616K-GX16-2	●	92,80
E25R9005-2525L-AX05	●	134,90	E16R0012-1616K-GX16-3	●	92,80
E25R9010-2525J-AX10	●	134,90	E16R0021-1616K-GX24-1	●	99,70
E25R9015-2525L-AX15	●	134,90	E16R0021-1616K-GX24-2	●	99,70
			E20L0012-2020K-GX16-1	●	106,80
			E20L0012-2020K-GX16-2	●	106,80
			E20L0012-2020K-GX16-3	●	106,80
			E20L0021-2020K-GX24-1	●	114,80
			E20L0021-2020K-GX24-2	●	114,80
			E20L0021-2020K-GX24-3	●	114,80
			E20R0012-2020K-GX16-1	●	106,80
			E20R0012-2020K-GX16-2	●	106,80
			E20R0012-2020K-GX16-3	●	106,80
			E20R0021-2020K-GX24-1	●	114,80
			E20R0021-2020K-GX24-2	●	114,80
			E20R0021-2020K-GX24-3	●	114,80
			E25L0012-2525M-GX16-2	●	113,50
			E25L0012-2525M-GX16-3	●	113,50
			E25L0012-2525X-GX24-2 AS40-45	●	125,00
			E25L0012-2525X-GX24-2 AS45-50	●	125,00
			E25L0012-2525X-GX24-3 AS40-45	●	125,00
			E25L0012-2525X-GX24-3 AS45-50	●	125,00
			E25L0016-2525X-GX24-2 AS50-60	●	125,00
			E25L0019-2525X-GX24-2 AS60-75	●	125,00
			E25L0019-2525X-GX24-2 AS75-100	●	125,00
			E25L0020-2525X-GX24-3 AS50-60	●	125,00
			E25L0020-2525X-GX24-3 AS60-75	●	125,00
			E25L0020-2525X-GX24-4 AS40-50	●	125,00
			E25L0021-2525M-GX24-2	●	122,80
			E25L0021-2525M-GX24-3	●	122,80
			E25L0021-2525M-GX24-4	●	122,80
			E25L0022-2525X-GX24-2 AS100-130	●	125,00
			E25L0022-2525X-GX24-2 AS130-180	●	125,00
			E25L0022-2525X-GX24-2 AS180-300	●	125,00
			E25L0022-2525X-GX24-3 AS100-150	●	125,00
			E25L0022-2525X-GX24-3 AS150-300	●	125,00
			E25L0022-2525X-GX24-3 AS75-100	●	125,00
			E25L0022-2525X-GX24-4 AS50-70	●	125,00
			E25L0025-2525X-GX24-4 AS100-150	●	125,00
			E25L0025-2525X-GX24-4 AS150-300	●	125,00
			E25L0025-2525X-GX24-4 AS70-100	●	125,00
			E25R0012-2525M-GX16-2	●	113,50

<b>FX monoblock tool holders</b>					
<b>2A25</b>					
XLCFL 1010 M22 FX	○	94,70			
XLCFL 1212 F22 FX	●	94,70			
XLCFL 1212 M22 FX	○	94,70			
XLCFL 1414 M22 FX	●	97,60			
XLCFL 1612 H22 FX	●	90,00			
XLCER 1010 M22 FX	●	94,70			
XLCER 1212 F22 FX	●	90,00			
XLCER 1212 M22 FX	●	94,70			
XLCER 1414 M22 FX	●	97,60			
XLCER 1612 H22 FX	●	90,00			
XLCFL 1612 H31 FX	●	90,00			
XLCFL 2016 K31 FX	●	100,40			
XLCFL 2016 K41 FX	○	100,40			
XLCFL 2520 M31 FX	●	103,10			
XLCFL 2520 M41 FX	●	103,10			
XLCFR 1612 H31 FX	●	90,00			
XLCFR 2016 K31 FX	●	100,40			
XLCFR 2016 K41 FX	●	100,40			

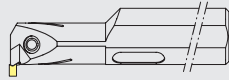
# Insert tools for parting, grooving and threading

MaxiLock MSS - monoblock tools

Designation	€ each	Designation	€ each
<b>GX monoblock tool holders 0°</b> 		<b>SX monoblock tool holders</b> 	
<b>2C71</b>		<b>2C71</b>	
E25R0012-2525M-GX16-3	● 113,50	E16L0016-1616K-SX2	● 94,40
E25R0012-2525X-GX24-2 AS40-45	● 125,00	E16L0020-1616K-SX3	● 94,40
E25R0012-2525X-GX24-2 AS45-50	● 125,00	E16R0016-1616K-SX2	● 94,40
E25R0012-2525X-GX24-3 AS40-45	● 125,00	E16R0020-1616K-SX3	● 94,40
E25R0012-2525X-GX24-3 AS45-50	● 125,00	E20L0016-2020K-SX2	● 109,60
E25R0016-2525X-GX24-2 AS50-60	● 125,00	E20L0020-2020K-SX3	● 109,60
E25R0019-2525X-GX24-2 AS60-75	● 125,00	E20L0025-2020K-SX4	● 109,60
E25R0019-2525X-GX24-2 AS75-100	● 125,00	E20R0016-2020K-SX2	● 109,60
E25R0020-2525X-GX24-3 AS50-60	● 125,00	E20R0020-2020K-SX3	● 109,60
E25R0020-2525X-GX24-3 AS60-75	● 125,00	E20R0025-2020K-SX4	● 109,60
E25R0020-2525X-GX24-4 AS40-50	● 125,00	E25L0020-2525M-SX3	● 116,20
E25R0021-2525M-GX24-2	● 122,80	E25L0025-2525M-SX4	● 116,20
E25R0021-2525M-GX24-3	● 122,80	E25L0025-2525M-SX5	● 116,20
E25R0021-2525M-GX24-4	● 122,80	E25L0032-2525M-SX6	● 116,20
E25R0022-2525X-GX24-2 AS100-130	● 125,00	E25R0020-2525M-SX3	● 116,20
E25R0022-2525X-GX24-2 AS130-180	● 125,00	E25R0025-2525M-SX4	● 116,20
E25R0022-2525X-GX24-2 AS180-300	● 125,00	E25R0025-2525M-SX5	● 116,20
E25R0022-2525X-GX24-3 AS100-150	● 125,00	E25R0032-2525M-SX6	● 116,20
E25R0022-2525X-GX24-3 AS150-300	● 125,00		
E25R0022-2525X-GX24-3 AS75-100	● 125,00		
E25R0022-2525X-GX24-4 AS50-70	● 125,00		
E25R0025-2525X-GX24-4 AS100-150	● 125,00		
E25R0025-2525X-GX24-4 AS150-300	● 125,00		
E25R0025-2525X-GX24-4 AS70-100	● 125,00		
E32L0021-3225P-GX24-2	● 131,10		
E32L0021-3225P-GX24-3	● 131,10		
E32L0021-3225P-GX24-4	● 131,10		
E32R0021-3225P-GX24-2	● 131,10		
E32R0021-3225P-GX24-3	● 131,10		
E32R0021-3225P-GX24-4	● 131,10		
<b>PX monoblock tool holders</b> 		<b>TC monoblock tools</b> 	
<b>2C71</b>		<b>2C83</b>	
E16L0005-1616K-PX20-1	● 98,20	E12L00-1212-TC16	● 121,50
E16L0010-1616K-PX20-2	● 98,20	E12R00-1212-TC16	● 121,50
E16L0010-1616K-PX20-3	● 98,20		
E16R0005-1616K-PX20-1	● 98,20		
E16R0010-1616K-PX20-2	● 98,20		
E16R0010-1616K-PX20-3	● 98,20		
E20L0005-2020L-PX20-1	● 112,30		
E20L0011-2020L-PX20-2	● 112,30		
E20L0011-2020L-PX20-3	● 112,30		
E20R0005-2020L-PX20-1	● 112,30		
E20R0011-2020L-PX20-2	● 112,30		
E20R0011-2020L-PX20-3	● 112,30		
<b>GX monoblock boring bars 90°</b> 		<b>Tool holders for Gm-S inserts</b> 	
<b>2C71</b>		<b>2A25</b>	
I12L90-2.5D-GX09	● 144,40	CLCDL 1612 K30	○ 90,00
I12R90-2.5D-GX09	● 144,40	CLCDR 1612 K30	● 90,00
I16L90-2.0D-GX16-1	● 127,10		
I16L90-2.0D-GX16-2	● 127,10		
I16R90-2.0D-GX16-1	● 127,10		
I16R90-2.0D-GX16-2	● 127,10		
I20L90-2.0D-GX16-2	● 137,30		
I20R90-2.0D-GX16-2	● 137,30		
I25L90-2.0D-GX16-2	● 159,70		
I25L90-2.0D-GX16-3	● 159,70		
I25R90-2.0D-GX16-2	● 159,70		
I25R90-2.0D-GX16-3	● 159,70		
I32L90-2.0D-GX16-2	● 185,60		
I32L90-2.0D-GX16-3	● 185,60		
I32L90-2.0D-GX24-2	● 185,60		
I32L90-2.0D-GX24-3	● 185,60		
I32L90-2.0D-GX24-4	● 185,60		
I32R90-2.0D-GX16-2	● 185,60		
I32R90-2.0D-GX16-3	● 185,60		
I32R90-2.0D-GX24-2	● 185,60		
I32R90-2.0D-GX24-3	● 185,60		
I32R90-2.0D-GX24-4	● 185,60		

Designation	€ each	Designation	€ each
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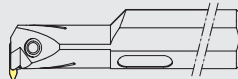
## GX monoblock boring bars 90°



2C71

I40L90-2.0D-GX24-3	●	230,60
I40L90-2.0D-GX24-4	●	230,60
I40R90-2.0D-GX24-3	●	230,60
I40R90-2.0D-GX24-4	●	230,60

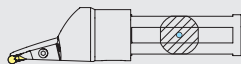
## TC monoblock boring bars



2C83

I16L90-2D-TC16	●	132,30
I16R90-2D-TC16	●	132,30
I20L90-2D-TC16	●	145,70
I20R90-2D-TC16	●	145,70
I25L90-2D-TC16	○	164,90
I25R90-2D-TC16	●	164,90
I25R90-2D-TC16-W	●	164,90
I32R90-2D-TC16-W	●	222,60

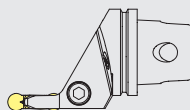
## Tool holders D.. / I..



2C71

I40L05-1.0D-GX24-4	○	369,50
I40L05-2.00D-GX24-5	●	411,70
I40L15-1.38D-GX24-5	●	389,90
I40L15-2.00D-GX24-5	●	411,70
I40R05-1.0D-GX24-4	○	369,50
I40R05-2.00D-GX24-5	●	411,70
I40R15-1.38D-GX24-5	●	389,90
I40R15-2.00D-GX24-5	●	411,70
I40R27.5-1.38D-GX24-5	●	389,90

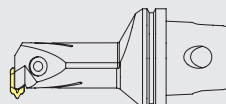
## UTS-MSS monoblock



2C71

E25L00-2525M-GX24-4	●	181,80
E25L00-2525M-GX24-5	●	181,80
E25R00-2525M-GX24-4	●	181,80
E25R00-2525M-GX24-5	●	181,80
E32L00-3232P-GX24-5	●	229,90
E32R00-3232P-GX24-5	●	229,90
UT40-E27D-L00-GX24-5	●	373,20
UT40-E27D-R00-GX24-5	●	373,20

## UTS-TC tool holders 90°



2D80

UT40-MSS-I25L90-2D-TC16	-	238,30
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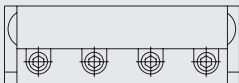
# Insert tools for parting, grooving and threading

Clamping blocks, blades

Designation

€ each

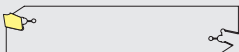
Clamping blocks



2A25

SBN 2020-26 K	●	156,50
SBN 2020-26 KS	●	190,20
SBN 2520-32 K	●	156,50
SBN 2520-32 KS	●	196,10
SBN 3229-32 K	●	160,00
SBN 3229-32 KS	●	203,40
SBN 3229-46 K	●	264,80
SBN 4037-46 K	○	321,40

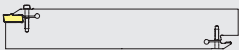
FX blades



2A25

XLCEN 2602 J22 FX	●	77,20
XLCEN 3202 M22 FX	●	77,20
XLCEN 4608 S82 FX	●	239,60
XLCEN 4609 S97 FX	●	239,60
XLCFN 2603 J31 FX	●	75,60
XLCFN 2604 J41 FX	●	75,60
XLCFN 3203 M31 FX	●	78,40
XLCFN 3204 M41 FX	●	84,60
XLCFN 3205 M51 FX	●	92,80
XLCFN 3206 M65 FX	●	100,40

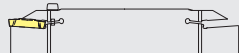
LX blades



2A25

XLCEN 4608 LX	●	239,60
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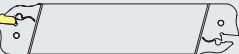
GX blades



2A25

XLCFN 3202-GX24-1S	●	79,90
XLCFN 3203 GX24-2S	●	81,10
XLCFN 3204 GX24-3S	●	86,50
XLCFN 3206 GX24-4S	●	102,30

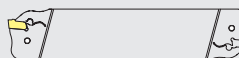
SX blades



2A25

XLCFL 2602-SX2	●	84,40
XLCFL 2608-SX2	●	129,20
XLCFL 2608-SX3	●	129,20
XLCFL 3202-SX2	●	88,30
XLCFL 3208-SX3	●	121,50
XLCFL 3208-SX4	●	121,50
XLCFN 2603-SX3	●	84,40
XLCFN 2604-SX4	●	84,40
XLCFN 3203-SX3	●	88,30
XLCFN 3204-SX4	●	88,30
XLCFN 3205-SX5	●	88,30
XLCFN 3206-SX6	●	88,30
XLCFR 2602-SX2	●	84,40
XLCFR 2608-SX2	●	129,20
XLCFR 2608-SX3	●	129,20

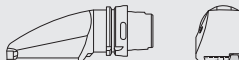
SX blades



2A25

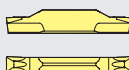

XLCFR 3202-SX2	●	88,30
XLCFR 3208-SX3	●	121,50
XLCFR 3208-SX4	●	121,50

HSK-T clamping blocks



2D80



HSK-T63-KHL00-32	○	421,00
HSK-T63-KHR00-32	○	421,00
HSK-T100-KHL00-32	○	493,00
HSK-T100-KHR00-32	○	493,00


Designation	Grade	PG	€ each	Designation	Grade	PG	€ each		
<b>AX..</b> <div></div>				<b>FX..</b> <div></div>					
AX05-E3.00N0.30-10-F50	CTP1340	1C72	●	25,05	FX 3.1N0.15-27P	H216T	1A90	●	11,90
AX10-E3.00N0.30-20-F50	CTP1340	1C72	●	25,98	FX 3.1N0.20-F1	CTC1325	1A15	●	12,73
AX15-E3.00N0.30-30-F50	CTP1340	1C72	●	27,32	FX 3.1N0.20-F1	CTPP345	1A15	●	12,73
				FX 3.1N0.20-F1	CTP1340	1A15	●	12,73	
				FX 3.1N0.20-F1	SR127	1A15	●	12,73	
				FX 3.1N0.20-F1	SR735	1A15	–	12,73	
				FX 3.1N0.40-F1	CTC1325	1A15	●	12,73	
				FX 3.1N0.40-F1	CTPP345	1A15	●	12,73	
				FX 3.1N0.40-F1	CTP1340	1A15	●	12,73	
				FX 3.1N0.40-F1	SR127	1A15	●	12,73	
				FX 3.1N0.40-F1	SR735	1A15	–	12,73	
				FX 3.1N0.40-F1	CTC1325	1A15	●	12,73	
				FX 3.1N0.40-F1	CTPP345	1A15	●	12,73	
				FX 3.1N0.40-F1	CTP1340	1A15	●	12,73	
				FX 3.1N0.40-F1	SR127	1A15	●	12,73	
				FX 3.1N0.40-F1	SR735	1A15	–	12,73	
				FX 3.1R5-F1	CTPP345	1A15	●	12,73	
				FX 3.1R5-F1	CTP1340	1A15	●	12,73	
				FX 3.1R5-F1	SR735	1A15	–	12,73	
				FX 3.1R6-M1	CTCP335	1A15	●	12,73	
				FX 3.1R6-M1	CTC1325	1A15	●	12,73	
				FX 3.1R6-M1	CTP1340	1A15	●	12,73	
				FX 3.1R6-M1	SR127	1A15	●	12,73	
				FX 3.1R6-M1	S40T	1A15	●	8,74	
				FX 3.1R8-F1	CTPP345	1A15	●	12,73	
				FX 3.1R8-F1	GM740	1A15	–	12,73	
				FX 4.1L5-F1	GM740	1A15	–	13,66	
				FX 4.1L5-F1	SR735	1A15	–	13,66	
				FX 4.1L6-M1	CTCP335	1A15	●	13,66	
				FX 4.1L6-M1	CTC1325	1A15	●	13,66	
				FX 4.1L6-M1	CTP1340	1A15	●	13,66	
				FX 4.1L6-M1	GM40	1A15	–	14,18	
				FX 4.1L6-M1	SR127	1A15	●	13,66	
				FX 4.1L6-M1	SR735	1A15	–	13,66	
				FX 4.1N0.15-27P	H216T	1A90	●	12,73	
				FX 4.1N0.20-F1	CTC1325	1A15	●	13,66	
				FX 4.1N0.20-F1	CTPP345	1A15	●	13,66	
				FX 4.1N0.20-F1	CTP1340	1A15	●	13,66	
				FX 4.1N0.20-F1	GM740	1A15	–	13,66	
				FX 4.1N0.20-F1	SR127	1A15	●	13,66	
				FX 4.1N0.20-F1	SR735	1A15	–	13,66	
				FX 4.1N0.20-F1	CTC1325	1A15	●	13,66	
				FX 4.1N0.20-F1	CTPP345	1A15	●	13,66	
				FX 4.1N0.20-F1	CTP1340	1A15	●	13,66	
				FX 4.1N0.20-M1	CTC1325	1A15	●	13,66	
				FX 4.1N0.20-M1	CTPP345	1A15	●	13,66	
				FX 4.1N0.20-M1	CTP1340	1A15	●	13,66	
				FX 4.1N0.20-M1	GM740	1A15	–	13,66	
				FX 4.1N0.20-M1	SR127	1A15	●	13,66	
				FX 4.1N0.20-M1	SR735	1A15	–	13,66	
				FX 4.1N0.20-M1	S40T	1A15	●	9,46	
				FX 4.1N0.50-F1	CTPP345	1A15	●	13,66	
				FX 4.1N0.50-F1	GM740	1A15	–	13,66	
				FX 4.1N0.50-F1	SR127	1A15	●	13,66	
				FX 4.1N0.50-F1	SR735	1A15	–	13,66	
				FX 4.1N0.50-R2	CTC1325	1A15	●	13,66	
				FX 4.1N0.50-R2	CTPP345	1A15	●	13,66	
				FX 4.1N0.50-R2	CTP1340	1A15	○	13,66	
				FX 4.1N0.50-R2	SR127	1A15	●	13,66	
				FX 4.1N0.50-R2	SR735	1A15	–	13,66	
				FX 4.1R5-F1	GM740	1A15	–	13,66	
				FX 4.1R6-M1	CTCP335	1A15	●	13,66	
				FX 4.1R6-M1	CTC1325	1A15	○	13,66	
				FX 4.1R6-M1	CTP1340	1A15	●	13,66	





# Insert tools for parting, grooving and threading

MaxiLock MSS inserts

Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
FX..					GX..E				
									
FX 4.1R6-M1	GM40	1A15	–	14,18	GX09-2E3.00N0.30	CTC1325	1C72	●	23,60
FX 4.1R6-M1	SR127	1A15	●	13,66	GX09-2E3.00N0.30	CTP1340	1C72	●	23,60
FX 4.1R6-M1	SR735	1A15	–	13,66	GX09-2E3.00N0.30	GM127	1C72	●	22,46
FX 4.1R8-F1	GM740	1A15	–	13,66	GX09-2E3.00N0.30	SR127	1C72	●	22,46
FX 5.1L6-M1	CTC1325	1A15	○	14,59	GX09-2E3.00N0.30-F2	CTC1325	1C72	●	23,60
FX 5.1L6-M1	SR127	1A15	●	14,59	GX09-2E3.00N0.30-F2	CTP1340	1C72	●	23,60
FX 5.1N0.25-M1	CTCP335	1A15	●	14,59	GX09-2E3.00N0.30-F2	GM740	1C72	–	22,46
FX 5.1N0.25-M1	CTC1325	1A15	●	14,59	GX09-2E3.00N0.30-F2	SR735	1C72	–	22,46
FX 5.1N0.25-M1	CTPP345	1A15	●	14,59	GX09-2E3.00N0.30-M40	CTC1325	1C72	●	15,42
FX 5.1N0.25-M1	CTP1340	1A15	●	14,59	GX09-2E3.00N0.30-M40	CTPP345	1C72	●	15,42
FX 5.1N0.25-M1	SR127	1A15	●	14,59	GX09-2E3.00N0.30-M40	CTP1340	1C72	●	15,42
FX 5.1N0.25-M1	S40T	1A15	●	10,45	GX09-2E3.00N0.30-M40	GM740	1C72	–	14,70
FX 5.1R6-M1	CTPP345	1A15	●	14,59	GX09-2E3.00N0.30-M40	SR127	1C72	●	14,70
FX 6.5L6-M1	CTC1325	1A15	○	15,01	GX09-2E3.00N0.30-M40	SR735	1C72	–	14,70
FX 6.5L6-M1	SR127	1A15	○	15,01	GX09-2E3.50N0.30	CTC1325	1C72	●	23,60
FX 6.5N0.30-M1	CTCP335	1A15	●	15,01	GX09-2E3.50N0.30	GM127	1C72	●	22,46
FX 6.5N0.30-M1	CTC1325	1A15	●	15,01	GX09-2E3.50N0.30	SR127	1C72	●	22,46
FX 6.5N0.30-M1	CTP1340	1A15	○	15,01	GX16-1E2.00N0.20	CTCP335	1C72	●	24,01
FX 6.5N0.30-M1	GM40	1A15	–	15,94	GX16-1E2.00N0.20	CTC1325	1C72	●	24,01
FX 6.5N0.30-M1	GM740	1A15	–	15,01	GX16-1E2.00N0.20	CTP1340	1C72	●	24,01
FX 6.5N0.30-M1	SR127	1A15	●	15,01	GX16-1E2.00N0.20	GM127	1C72	●	22,98
FX 6.5N0.30-M1	SR735	1A15	–	15,01	GX16-1E2.00N0.20	SR127	1C72	●	22,98
FX 6.5N0.30-R1	GM40	1A15	–	15,94	GX16-1E2.00N0.20-F2	CTC1325	1C72	●	24,01
FX 6.5N0.80-R1	GM40	1A15	–	15,94	GX16-1E2.00N0.20-F2	CTP1340	1C72	●	24,01
FX 6.5R4-R1	GM740	1A15	–	15,01	GX16-1E2.00N0.20-F2	GM740	1C72	–	22,98
FX 8.2N0.40-M1	CTCP335	1A15	●	17,08	GX16-1E2.00N0.20-F2	SR735	1C72	–	22,98
FX 8.2N0.40-M1	CTC1325	1A15	●	17,08	GX16-1E2.00N0.20-M1	CTC1325	1C72	●	15,63
FX 8.2N0.40-M1	CTP1340	1A15	●	17,08	GX16-1E2.00N0.20-M1	CTP1340	1C72	●	15,63
FX 8.2N0.40-M1	SR127	1A15	●	17,08	GX16-1E2.00N0.20-M1	SR735	1C72	–	15,01
FX 8.2N0.40-M1	SR735	1A15	–	17,08	GX16-1E2.00N0.20-M40	CTC1325	1C72	●	15,63
FX 8.2N0.40-M1	S40T	1A15	●	13,14	GX16-1E2.00N0.20-M40	CTPP345	1C72	●	15,63
FX 9.7N0.40-M1	CTCP335	1A15	●	24,74	GX16-1E2.00N0.20-M40	CTP1340	1C72	●	15,63
FX 9.7N0.40-M1	CTC1325	1A15	●	24,74	GX16-1E2.00N0.20-M40	SR127	1C72	●	15,01
FX 9.7N0.40-M1	CTP1340	1A15	●	24,74	GX16-1E2.00N0.20-27P	H216T	1C72	●	18,22
FX 9.7N0.40-M1	SR127	1A15	●	24,74	GX16-1E2.50N0.20	CTCP335	1C72	●	24,01
FX 9.7N0.40-M1	SR735	1A15	–	24,74	GX16-1E2.50N0.20	CTC1325	1C72	●	24,01
					GX16-1E2.50N0.20	CTP1340	1C72	●	24,01
					GX16-1E2.50N0.20	GM127	1C72	●	22,98
					GX16-1E2.50N0.20	SR127	1C72	●	22,98
					GX16-2E3.00N0.20-M1	CTC1325	1C72	●	15,63
					GX16-2E3.00N0.20-M1	CTP1340	1C72	●	15,63
					GX16-2E3.00N0.20-M1	SR735	1C72	–	15,01
					GX16-2E3.00N0.30	CTCP335	1C72	●	24,01
					GX16-2E3.00N0.30	CTC1325	1C72	●	24,01
					GX16-2E3.00N0.30	CTP1340	1C72	●	24,01
					GX16-2E3.00N0.30	GM127	1C72	●	22,98
					GX16-2E3.00N0.30	SR127	1C72	●	22,98
					GX16-2E3.00N0.30-F2	CTC1325	1C72	●	24,01
					GX16-2E3.00N0.30-F2	CTP1340	1C72	●	24,01
					GX16-2E3.00N0.30-F2	GM740	1C72	–	22,98
					GX16-2E3.00N0.30-F2	SR735	1C72	–	22,98
					GX16-2E3.00N0.30-M40	CTC1325	1C72	●	15,63
					GX16-2E3.00N0.30-M40	CTPP345	1C72	●	15,63
					GX16-2E3.00N0.30-M40	CTP1340	1C72	●	15,63
					GX16-2E3.00N0.30-M40	GM740	1C72	–	15,01
					GX16-2E3.00N0.30-M40	SR127	1C72	●	15,01
					GX16-2E3.00N0.30-M40	SR735	1C72	–	15,01
					GX16-2E3.00N0.30-27P	H216T	1C72	●	18,22
					GX16-2E3.00N0.50	CTC1325	1C72	●	24,01
					GX16-2E3.00N0.50	SR127	1C72	●	22,98
					GX16-2E3.50N0.30	CTCP335	1C72	●	24,01
					GX16-2E3.50N0.30	CTC1325	1C72	●	24,01





GX..E									
GX09-1E2.00N0.20	CTC1325	1C72	●	23,60	GX09-1E2.50N0.20	CTP1340	1C72	●	23,60
GX09-1E2.00N0.20	CTP1340	1C72	●	23,60	GX09-1E2.50N0.20	GM127	1C72	●	22,46
GX09-1E2.00N0.20	GM127	1C72	●	22,46	GX09-1E2.50N0.20	SR127	1C72	●	22,46
GX09-1E2.00N0.20	SR127	1C72	●	22,46	GX09-1E2.50N0.20-F2	CTC1325	1C72	●	23,60
GX09-1E2.00N0.20-F2	CTC1325	1C72	●	23,60	GX09-1E2.50N0.20-F2	CTP1340	1C72	●	23,60
GX09-1E2.00N0.20-F2	CTP1340	1C72	●	23,60	GX09-1E2.50N0.20-F2	GM740	1C72	–	22,46
GX09-1E2.00N0.20-F2	GM740	1C72	–	22,46	GX09-1E2.50N0.20-M40	CTC1325	1C72	●	15,42
GX09-1E2.00N0.20-M40	CTC1325	1C72	●	15,42	GX09-1E2.50N0.20-M40	CTPP345	1C72	●	15,42
GX09-1E2.00N0.20-M40	CTPP345	1C72	●	15,42	GX09-1E2.50N0.20-M40	CTP1340	1C72	●	15,42
GX09-1E2.00N0.20-M40	CTP1340	1C72	●	15,42	GX09-1E2.50N0.20-M40	GM740	1C72	–	14,70
GX09-1E2.00N0.20-M40	GM740	1C72	–	14,70	GX09-1E2.50N0.20-M40	SR127	1C72	●	14,70
GX09-1E2.00N0.20-M40	SR127	1C72	●	14,70	GX09-1E2.50N0.20-M40	SR735	1C72	–	14,70
GX09-1E2.00N0.20-M40	SR735	1C72	–	14,70	GX09-1E2.50N0.20-M40	CTC1325	1C72	●	15,42
GX09-1E2.00N0.20-M40	CTC1325	1C72	●	23,60	GX09-1E2.50N0.20	CTC1325	1C72	●	23,60
GX09-1E2.50N0.20	CTC1325	1C72	●	23,60	GX09-1E2.50N0.20	CTP1340	1C72	●	23,60
GX09-1E2.50N0.20	CTP1340	1C72	●	23,60	GX09-1E2.50N0.20	GM127	1C72	●	22,46
GX09-1E2.50N0.20	GM127	1C72	●	22,46	GX09-1E2.50N0.20	SR127	1C72	●	22,46
GX09-1E2.50N0.20	SR127	1C72	●	22,46	GX09-1E2.50N0.20-F2	CTC1325	1C72	●	23,60
GX09-1E2.50N0.20-F2	CTC1325	1C72	●	23,60	GX09-1E2.50N0.20-F2	CTP1340	1C72	●	23,60
GX09-1E2.50N0.20-F2	CTP1340	1C72	●	23,60	GX09-1E2.50N0.20-F2	GM740	1C72	–	22,46
GX09-1E2.50N0.20-F2	GM740	1C72	–	22,46	GX09-1E2.50N0.20-F2	SR127	1C72	●	22,46
GX09-1E2.50N0.20-F2	SR127	1C72	●	22,46	GX09-1E2.50N0.20-F2	SR735	1C72	–	22,46
GX09-1E2.50N0.20-F2	SR735	1C72	–	22,46	GX09-1E2.50N0.20-F2	CTC1325	1C72	●	15,42
GX09-1E2.50N0.20-F2	CTC1325	1C72	●	23,60	GX09-1E2.50N0.20-F2	CTPP345	1C72	●	15,42
GX09-1E2.50N0.20-F2	CTP1340	1C72	●	23,60	GX09-1E2.50N0.20-F2	CTP1340	1C72	●	15,42
GX09-1E2.50N0.20-F2	GM740	1C72	–	22,46	GX09-1E2.50N0.20-F2	GM740	1C72	–	14,70
GX09-1E2.50N0.20-F2	SR127	1C72	●	22,46	GX09-1E2.50N0.20-F2	SR127	1C72	●	14,70
GX09-1E2.50N0.20-F2	SR735	1C72	–	22,46	GX09-1E2.50N0.20-F2	SR735	1C72	–	14,70
GX09-1E2.50N0.20-F2	CTC1325	1C72	●	23,60	GX09-1E2.50N0.20-F2	CTC1325	1C72	●	23,60
GX09-1E2.50N0.20-F2	CTP1340	1C72	●	23,60	GX09-1E2.50N0.20-F2	CTPP345	1C72	●	23,60
GX09-1E2.50N0.20-F2	GM740	1C72	–	22,46	GX09-1E2.50N0.20-F2	CTP1340	1C72	●	23,60
GX09-1E2.50N0.20-F2	SR127	1C72	●	22,46	GX09-1E2.50N0.20-F2	GM740	1C72	–	14,70
GX09-1E2.50N0.20-F2	SR735	1C72	–	22,46	GX09-1E2.50N0.20-F2	SR127	1C72	●	14,70
GX09-1E2.50N0.20-F2	CTC1325	1C72	●	23,60	GX09-1E2.50N0.20-F2	SR735	1C72	–	14,70
GX09-1E2.50N0.20-F2	CTP1340	1C72	●	23,60	GX09-1E2.50N0.20-F2	CTC1325	1C72	●	23,60
GX09-1E2.50N0.20-F2	GM740	1C72	–	22,46	GX09-1E2.50N0.20-F2	CTPP345	1C72	●	23,60
GX09-1E2.50N0.20-F2	SR127	1C72	●	22,46	GX09-1E2.50N0.20-F2	CTP1340	1C72	●	23,60
GX09-1E2.50N0.20-F2	SR735	1C72	–	22,46	GX09-1E2.50N0.20-F2	GM740	1C72	–	14,70
GX09-1E2.50N0.20-F2	CTC1325	1C72	●	23,60	GX09-1E2.50N0.20-F2	SR127	1C72	●	14,70
GX09-1E2.50N0.20-F2	CTP1340	1C72	●	23,60	GX09-1E2.50N0.20-F2	SR735	1C72	–	14,70
GX09-1E2.50N0.20-F2	GM740	1C72	–	22,46	GX09-1E2.50N0.20-F2	CTC1325	1C72	●	23,60
GX09-1E2.50N0.20-F2	SR127	1C72	●	22,46	GX09-1E2.50N0.20-F2	CTPP345	1C72	●	23,60
GX09-1E2.50N0.20-F2	SR735	1C72	–	22,46	GX09-1E2.50N0.20-F2	CTP1340	1C72	●	23,60
GX09-1E2.50N0.20-F2	CTC1325	1C72	●	23,60	GX09-1E2.50N0.20-F2	GM740	1C72	–	14,70
GX09-1E2.50N0.20-F2	CTP1340	1C72	●	23,60	GX09-1E2.50N0.20-F2	SR127	1C72	●	14,70
GX09-1E2.50N0.20-F2	GM740	1C72	–	22,46	GX09-1E2.50N0.20-F2	SR735	1C72	–	14,70
GX09-1E2.50N0.20-F2	SR127	1C72	●	22,46	GX09-1E2.50N0.20-F2	CTC1325	1C72	●	23,60
GX09-1E2.50N0.20-F2	SR735	1C72	–	22,46	GX09-1E2.50N0.20-F2	CTPP345	1C72	●	23,60
GX09-1E2.50N0.20-F2	CTC1325	1C72	●	23,60	GX09-1E2.50N0.20-F2	CTP1340	1C72	●	23,60
GX09-1E2.50N0.20-F2	CTP1340	1C72	●	23,60	GX09-1E2.50N0.20-F2	GM740	1C72	–	14,70
GX09-1E2.50N0.20-F2	GM740	1C72	–	22,46	GX09-1E2.50N0.20-F2	SR127	1C72	●	14,70
GX09-1E2.50N0.20-F2	SR127	1C72	●	22,46	GX09-1E2.50N0.20-F2	SR735	1C72	–	14,70
GX09-1E2.50N0.20-F2	SR735	1C72	–	22,46	GX09-1E2.50N0.20-F2	CTC1325	1C72	●	23,60
GX09-1E2.50N0.20-F2	CTC1325	1C72	●	23,60	GX09-1E2.50N0.20-F2	CTPP345	1C72	●	23,60
GX09-1E2.50N0.20-F2	CTP1340	1C72	●	23,60	GX09-1E2.50				



Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
<b>GX..E</b> 				<b>GX..E</b> 			
GX16-2E3.50N0.30	CTP1340	1C72	● 24,01	GX24-2E3.00N0.30	CTCP335	1C72	● 16,66
GX16-2E3.50N0.30	GM127	1C72	● 22,98	GX24-2E3.00N0.30	CTC1325	1C72	● 16,66
GX16-2E3.50N0.30	SR127	1C72	● 22,98	GX24-2E3.00N0.30	CTP1340	1C72	● 16,66
GX16-3E4.00N0.30-M1	CTC1325	1C72	● 17,39	GX24-2E3.00N0.30	SR127	1C72	● 15,94
GX16-3E4.00N0.30-M1	CTP1340	1C72	● 17,39	GX24-2E3.00N0.30-F2	CTC1325	1C72	● 24,74
GX16-3E4.00N0.30-M1	SR735	1C72	– 16,56	GX24-2E3.00N0.30-F2	CTPP345	1C72	● 24,74
GX16-3E4.00N0.40	CTCP335	1C72	● 26,29	GX24-2E3.00N0.30-F2	CTP1340	1C72	● 24,74
GX16-3E4.00N0.40	CTC1325	1C72	● 26,29	GX24-2E3.00N0.30-F2	GM740	1C72	– 23,60
GX16-3E4.00N0.40	CTP1340	1C72	● 26,29	GX24-2E3.00N0.30-F2	SR735	1C72	– 23,60
GX16-3E4.00N0.40	GM127	1C72	● 25,05	GX24-2E3.00N0.30-M40	CTC1325	1C72	● 16,66
GX16-3E4.00N0.40	SR127	1C72	● 25,05	GX24-2E3.00N0.30-M40	CTPP345	1C72	● 16,66
GX16-3E4.00N0.40-F2	CTC1325	1C72	● 26,29	GX24-2E3.00N0.30-M40	CTP1340	1C72	● 16,66
GX16-3E4.00N0.40-F2	CTP1340	1C72	● 26,29	GX24-2E3.00N0.30-M40	SR735	1C72	– 15,94
GX16-3E4.00N0.40-F2	GM740	1C72	– 25,05	GX24-2E3.00N0.30-27P	H216T	1C72	● 19,87
GX16-3E4.00N0.40-F2	SR735	1C72	– 25,05	GX24-2E3.50N0.30-F2	CTPP345	1C72	● 24,74
GX16-3E4.00N0.40-M40	CTC1325	1C72	● 17,39	GX24-2E3.50N0.30-F2	GM740	1C72	– 23,60
GX16-3E4.00N0.40-M40	CTPP345	1C72	● 17,39	GX24-2E3.50N0.30-F2	SR127	1C72	● 23,60
GX16-3E4.00N0.40-M40	CTP1340	1C72	● 17,39	GX24-3E4.00N0.30-M1	CTC1325	1C72	● 18,22
GX16-3E4.00N0.40-M40	GM740	1C72	– 16,56	GX24-3E4.00N0.30-M1	CTPP345	1C72	● 18,22
GX16-3E4.00N0.40-M40	SR127	1C72	● 16,56	GX24-3E4.00N0.30-M1	CTP1340	1C72	● 18,22
GX16-3E4.00N0.40-27P	H216T	1C72	● 19,87	GX24-3E4.00N0.30-M1	GM740	1C72	– 17,28
GX16-3E4.00N0.60	CTC1325	1C72	○ 26,29	GX24-3E4.00N0.40	CTCP335	1C72	● 18,22
GX16-3E4.50N0.40	CTC1325	1C72	○ 26,29	GX24-3E4.00N0.40	CTC1325	1C72	● 18,22
GX16-3E4.50N0.40	SR127	1C72	○ 25,05	GX24-3E4.00N0.40	CTP1340	1C72	● 18,22
GX16-3E5.00N0.40	CTCP335	1C72	● 26,29	GX24-3E4.00N0.40	SR127	1C72	● 17,28
GX16-3E5.00N0.40	CTC1325	1C72	● 26,29	GX24-3E4.00N0.40-F2	CTC1325	1C72	● 26,70
GX16-3E5.00N0.40	CTP1340	1C72	● 26,29	GX24-3E4.00N0.40-F2	CTPP345	1C72	● 26,70
GX16-3E5.00N0.40	GM127	1C72	● 25,05	GX24-3E4.00N0.40-F2	CTP1340	1C72	● 26,70
GX16-3E5.00N0.40	SR127	1C72	● 25,05	GX24-3E4.00N0.40-F2	GM740	1C72	– 25,56
GX16-3E5.00N0.40-F2	CTC1325	1C72	● 26,29	GX24-3E4.00N0.40-F2	SR127	1C72	● 25,56
GX16-3E5.00N0.40-F2	CTP1340	1C72	● 26,29	GX24-3E4.00N0.40-F2	SR735	1C72	– 25,56
GX16-3E5.00N0.40-F2	GM740	1C72	– 25,05	GX24-3E4.00N0.40-M40	CTC1325	1C72	● 18,22
GX16-3E5.00N0.40-F2	SR735	1C72	– 25,05	GX24-3E4.00N0.40-M40	CTPP345	1C72	● 18,22
GX16-3E5.00N0.40-M40	CTC1325	1C72	● 19,15	GX24-3E4.00N0.40-M40	CTP1340	1C72	● 18,22
GX16-3E5.00N0.40-M40	CTPP345	1C72	● 19,15	GX24-3E4.00N0.40-M40	GM740	1C72	– 17,28
GX16-3E5.00N0.40-M40	CTP1340	1C72	● 19,15	GX24-3E4.00N0.40-M40	SR735	1C72	– 17,28
GX16-3E5.00N0.40-M40	GM740	1C72	– 18,22	GX24-3E4.00N0.40-27P	H216T	1C72	● 21,84
GX16-3E5.00N0.40-M40	SR127	1C72	● 18,22	GX24-3E4.50N0.40-F2	GM740	1C72	– 25,56
GX16-3E5.00N0.40-M40	SR735	1C72	– 18,22	GX24-3E4.50N0.40-F2	SR127	1C72	○ 25,56
GX16-3E5.00N0.60	CTC1325	1C72	● 26,29	GX24-3E4.50N0.40-F2	SR735	1C72	– 25,56
GX16-3E5.00N0.60	SR127	1C72	○ 25,05	GX24-3E5.00N0.40	CTCP335	1C72	● 19,87
GX16-4E6.00N0.50	CTC1325	1C72	○ 27,74	GX24-3E5.00N0.40	CTC1325	1C72	● 19,87
GX16-4E6.00N0.50	CTP1340	1C72	● 27,74	GX24-3E5.00N0.40	CTP1340	1C72	● 19,87
GX16-4E6.00N0.50	GM127	1C72	● 26,39	GX24-3E5.00N0.40	GM40	1C72	– 19,98
GX16-4E6.00N0.50	SR127	1C72	● 26,39	GX24-3E5.00N0.40	SR127	1C72	● 19,04
GX16-4E6.00N0.50-M40	CTC1325	1C72	● 20,91	GX24-3E5.00N0.40-F2	CTC1325	1C72	● 29,29
GX16-4E6.00N0.50-M40	CTPP345	1C72	● 20,91	GX24-3E5.00N0.40-F2	CTPP345	1C72	● 29,29
GX16-4E6.00N0.50-M40	CTP1340	1C72	● 20,91	GX24-3E5.00N0.40-F2	CTP1340	1C72	● 29,29
GX16-4E6.00N0.50-M40	GM740	1C72	– 19,87	GX24-3E5.00N0.40-F2	GM740	1C72	– 27,84
GX16-4E6.00N0.50-M40	SR127	1C72	● 19,87	GX24-3E5.00N0.40-F2	SR127	1C72	● 27,84
GX16-4E6.00N0.50-M40	SR735	1C72	– 19,87	GX24-3E5.00N0.40-M40	CTC1325	1C72	● 19,87
GX16-4E6.00N0.50-27P	H216T	1C72	● 20,91	GX24-3E5.00N0.40-M40	CTPP345	1C72	● 19,87
GX16-4E6.00N0.80	CTC1325	1C72	● 27,74	GX24-3E5.00N0.40-M40	CTP1340	1C72	● 19,87
GX16-4E6.00N0.80	SR127	1C72	● 26,39	GX24-3E5.00N0.40-M40	GM740	1C72	– 19,04
GX24-1E2.00N0.20-M1	CTC1325	1C72	● 16,66	GX24-3E5.00N0.40-M40	SR735	1C72	– 19,04
GX24-1E2.00N0.20-M1	CTPP345	1C72	● 16,66	GX24-3E5.00N0.40-27P	H216T	1C72	● 22,77
GX24-1E2.00N0.20-M1	CTP1340	1C72	● 16,66	GX24-4E6.00N0.50	CTCP335	1C72	● 21,84
GX24-1E2.00N0.20-M1	GM740	1C72	– 15,94	GX24-4E6.00N0.50	CTC1325	1C72	● 21,84
GX24-2E3.00N0.20-M1	CTC1325	1C72	● 16,66	GX24-4E6.00N0.50	CTP1340	1C72	● 21,84
GX24-2E3.00N0.20-M1	CTPP345	1C72	● 16,66	GX24-4E6.00N0.50	GM40	1C72	– 21,63
GX24-2E3.00N0.20-M1	CTP1340	1C72	● 16,66	GX24-4E6.00N0.50	SR127	1C72	● 20,60
GX24-2E3.00N0.20-M1	GM740	1C72	– 15,94	GX24-4E6.00N0.50-F2	CTC1325	1C72	● 32,19

# Insert tools for parting, grooving and threading

MaxiLock MSS inserts

Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
GX..E					GX..R				
									
GX24-4E6.00N0.50-F2	CTPP345	1C72	●	32,19	GX24-3R2.00N-M3	SR127	1C72	●	22,56
GX24-4E6.00N0.50-F2	CTP1340	1C72	●	32,19	GX24-3R2.50N-M3	CTCP335	1C72	●	24,74
GX24-4E6.00N0.50-F2	GM740	1C72	–	30,84	GX24-3R2.50N-M3	CTC1325	1C72	●	24,74
GX24-4E6.00N0.50-F2	SR127	1C72	●	30,84	GX24-3R2.50N-M3	SR127	1C72	●	23,60
GX24-4E6.00N0.50-F2	SR735	1C72	–	30,84	GX24-3R2.50N-M3	SR735	1C72	–	23,60
GX24-4E6.00N0.50-M40	CTC1325	1C72	●	21,84	GX24-4R3.00N-M3	CTCP335	1C72	●	26,60
GX24-4E6.00N0.50-M40	CTPP345	1C72	●	21,84	GX24-4R3.00N-M3	CTC1325	1C72	●	26,60
GX24-4E6.00N0.50-M40	CTP1340	1C72	●	21,84	GX24-4R3.00N-M3	SR127	1C72	●	25,46
GX24-4E6.00N0.50-M40	GM740	1C72	–	20,60	GX24-4R3.00N-M3	SR735	1C72	–	25,46
GX24-4E6.00N0.50-27P	H216T	1C72	●	23,60	GX24-4R3.00N-25PF	AMZ	1C72	○	34,05
					GX24-4R3.00N-25PF	H216T	1C72	●	29,70
					GX24-4R3.00N-27P	TSM20	1C72	●	29,70
					GX24-4R3.00N-27PF	H216T	1C72	●	29,70
					GX24-5R4.00EN-27DF	H210T	1C72	●	24,53
					GX24-5R4.00N-25PF	AMZ	1C72	○	35,91
					GX24-5R4.00N-25PF	CTP4115	1C72	●	41,30
					GX24-5R4.00N-25PF	H216T	1C72	●	31,36
					GX24-5R4.00N-27PF	AMZ	1C72	○	35,91
					GX24-5R4.00N-27PF	CTP4115	1C72	●	41,30
					GX24-5R4.00N-27PF	H216T	1C72	●	31,36
					GX24-5R4.00N-35PF	H216T	1C72	●	31,36
GX..R					GX..S				
									
GX09-1R0.80L	CTC1325	1C72	–	28,46	GX09-1S0.60L	CTP1340	1C72	●	23,60
GX09-1R0.80L	SR127	1C72	●	27,12	GX09-1S0.60L	SR127	1C72	●	22,46
GX09-1R0.80R	SR127	1C72	●	27,12	GX09-1S0.60R	CTP1340	1C72	●	23,60
GX09-1R1.00N	CTC1325	1C72	●	28,46	GX09-1S0.60R	SR127	1C72	●	22,46
GX09-1R1.00N	GM127	1C72	●	27,12	GX09-1S0.80L	CTP1340	1C72	●	23,60
GX09-1R1.00N	SR127	1C72	●	27,12	GX09-1S0.80L	SR127	1C72	○	22,46
GX09-1R1.20N	CTC1325	1C72	●	28,46	GX09-1S0.80R	CTP1340	1C72	●	23,60
GX09-1R1.20N	GM127	1C72	●	27,12	GX09-1S0.80R	SR127	1C72	●	22,46
GX09-1R1.20N	SR127	1C72	●	27,12	GX09-1S0.90L	CTP1340	1C72	●	23,60
GX16-2R0.80L	CTC1325	1C72	●	29,19	GX09-1S0.90L	SR127	1C72	●	22,46
GX16-2R0.80L	SR127	1C72	●	27,74	GX09-1S0.90R	CTP1340	1C72	●	23,60
GX16-2R0.80R	CTC1325	1C72	●	29,19	GX09-1S0.90R	SR127	1C72	●	22,46
GX16-2R0.80R	SR127	1C72	●	27,74	GX09-1S1.00L	CTP1340	1C72	●	23,60
GX16-2R1.00L	CTC1325	1C72	●	29,19	GX09-1S1.00L	SR127	1C72	●	22,46
GX16-2R1.00L	SR127	1C72	●	27,74	GX09-1S1.00R	CTP1340	1C72	●	23,60
GX16-2R1.00R	CTC1325	1C72	●	29,19	GX09-1S1.00R	SR127	1C72	●	22,46
GX16-2R1.00R	SR127	1C72	●	27,74	GX09-1S1.20L	CTP1340	1C72	●	23,60
GX16-2R1.20L	CTC1325	1C72	●	29,19	GX09-1S1.20L	SR127	1C72	●	22,46
GX16-2R1.20L	SR127	1C72	●	27,74	GX09-1S1.20R	CTP1340	1C72	●	23,60
GX16-2R1.20R	CTC1325	1C72	●	29,19	GX09-1S1.20R	SR127	1C72	●	22,46
GX16-2R1.20R	SR127	1C72	●	27,74	GX09-1S1.40L	CTP1340	1C72	●	23,60
GX16-2R1.50N	CTC1325	1C72	●	29,19	GX09-1S1.40L	SR127	1C72	●	22,46
GX16-2R1.50N	CTP1340	1C72	●	29,19	GX09-1S1.40R	CTP1340	1C72	●	23,60
GX16-2R1.50N	GM127	1C72	●	27,74	GX09-1S1.40R	SR127	1C72	●	22,46
GX16-2R1.50N	SR127	1C72	●	27,74	GX09-1S1.70L	CTP1340	1C72	●	23,60
GX16-2R1.50N-27P	H216T	1C72	●	21,94	GX09-1S1.70L	SR127	1C72	●	22,46
GX16-3R2.00N	CTC1325	1C72	●	31,67	GX09-1S1.70R	CTP1340	1C72	●	23,60
GX16-3R2.00N	CTP1340	1C72	●	31,67	GX09-1S1.70R	SR127	1C72	●	22,46
GX16-3R2.00N	GM127	1C72	●	30,12	GX09-1S1.95N	CTP1340	1C72	●	23,60
GX16-3R2.00N	SR127	1C72	●	30,12	GX09-1S1.95N	SR127	1C72	●	22,46
GX16-3R2.00N	SR127	1C72	●	30,12	GX09-1S2.25N	CTP1340	1C72	●	23,60
GX16-3R2.00N-27P	H216T	1C72	●	23,70	GX09-1S2.25N	SR127	1C72	●	22,46
GX16-3R2.50N	CTC1325	1C72	●	31,67	GX09-2S2.75N	CTP1340	1C72	●	23,60
GX16-3R2.50N	CTP1340	1C72	●	31,67	GX09-2S2.75N	SR127	1C72	●	22,46
GX16-3R2.50N	GM127	1C72	●	30,12	GX09-2S3.25N	CTP1340	1C72	●	23,60
GX16-3R2.50N	SR127	1C72	●	30,12					
GX16-3R2.50N-27P	H216T	1C72	●	23,70					
GX16-4R3.00N	CTC1325	1C72	●	33,12					
GX16-4R3.00N	CTP1340	1C72	●	33,12					
GX16-4R3.00N	GM127	1C72	●	31,46					
GX16-4R3.00N	SR127	1C72	●	31,46					
GX24-2R1.50N-M3	CTCP335	1C72	●	22,15					
GX24-2R1.50N-M3	CTC1325	1C72	●	22,15					
GX24-2R1.50N-M3	SR127	1C72	●	21,11					
GX24-2R1.50N-M3	SR735	1C72	–	21,11					
GX24-3R2.00N-M3	CTCP335	1C72	●	23,70					
GX24-3R2.00N-M3	CTC1325	1C72	●	23,70					

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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### GX..S



GX09-2S3.25N	SR127	1C72	●	22,46
GX16-2S0.60L	CTP1340	1C72	●	24,01
GX16-2S0.60L	SR127	1C72	●	22,98
GX16-2S0.60R	CTP1340	1C72	●	24,01
GX16-2S0.60R	SR127	1C72	●	22,98
GX16-2S0.80L	CTP1340	1C72	●	24,01
GX16-2S0.80L	SR127	1C72	●	22,98
GX16-2S0.80R	CTP1340	1C72	●	24,01
GX16-2S0.80R	SR127	1C72	●	22,98
GX16-2S0.90L	CTP1340	1C72	●	24,01
GX16-2S0.90L	SR127	1C72	●	22,98
GX16-2S0.90R	CTP1340	1C72	●	24,01
GX16-2S0.90R	SR127	1C72	●	22,98
GX16-2S1.00L	CTP1340	1C72	●	24,01
GX16-2S1.00L	SR127	1C72	●	22,98
GX16-2S1.00R	CTP1340	1C72	●	24,01
GX16-2S1.00R	SR127	1C72	●	22,98
GX16-2S1.20L	CTP1340	1C72	●	24,01
GX16-2S1.20L	SR127	1C72	●	22,98
GX16-2S1.20R	CTP1340	1C72	●	24,01
GX16-2S1.20R	SR127	1C72	●	22,98
GX16-2S1.40L	CTP1340	1C72	●	24,01
GX16-2S1.40L	SR127	1C72	●	22,98
GX16-2S1.40R	CTP1340	1C72	●	24,01
GX16-2S1.40R	SR127	1C72	●	22,98
GX16-2S1.70L	CTP1340	1C72	●	24,01
GX16-2S1.70L	SR127	1C72	●	22,98
GX16-2S1.70R	CTP1340	1C72	●	24,01
GX16-2S1.70R	SR127	1C72	●	22,98
GX16-2S1.95L	CTP1340	1C72	●	24,01
GX16-2S1.95L	SR127	1C72	●	22,98
GX16-2S1.95R	CTP1340	1C72	●	24,01
GX16-2S1.95R	SR127	1C72	●	22,98
GX16-2S2.25L	CTP1340	1C72	●	24,01
GX16-2S2.25L	SR127	1C72	●	22,98
GX16-2S2.25R	CTP1340	1C72	●	24,01
GX16-2S2.25R	SR127	1C72	●	22,98
GX16-2S2.75N	CTP1340	1C72	●	24,01
GX16-2S2.75N	SR127	1C72	●	22,98
GX16-2S3.25N	CTP1340	1C72	●	24,01
GX16-2S3.25N	SR127	1C72	●	22,98
GX16-3S4.25N	CTP1340	1C72	●	26,29
GX16-3S4.25N	SR127	1C72	●	25,05
GX16-4S5.25N	CTP1340	1C72	●	27,74
GX16-4S5.25N	SR127	1C72	○	26,39

### LDMX..



LDMX 30FL	GMS	1E14	●	23,10
LDMX 30FN	GMS	1E14	●	23,10
LDMX 30FR	GMS	1E14	●	23,10

### LX..



LX E10.00N0.80-M2	CTCP335	1A15	●	23,18
LX E10.00N0.80-M2	CTC1325	1A15	●	23,18
LX E10.00N0.80-M2	SR127	1A15	●	23,18
LX E10.00N0.80-M2	SR735	1A15	–	23,18
LX E8.00N0.80-M2	CTCP335	1A15	●	17,39
LX E8.00N0.80-M2	CTC1325	1A15	●	17,39
LX E8.00N0.80-M2	SR127	1A15	●	17,39
LX E8.00N0.80-M2	SR735	1A15	–	17,39
LX R4.00N-M3	CTCP335	1A15	●	18,53
LX R4.00N-M3	CTC1325	1A15	●	18,53
LX R4.00N-M3	SR127	1A15	●	18,53
LX R4.00N-M3	SR735	1A15	–	18,53

### PX..



PX20-1E1.00L05-F3	CTP1340	1C72	●	24,43
PX20-1E1.00N0.10-F3	CTP1340	1C72	●	24,43
PX20-1E1.00R05-F3	CTP1340	1C72	●	24,43
PX20-2E1.50L05-F3	CTP1340	1C72	●	24,43
PX20-2E1.50N0.10-F3	CTP1340	1C72	●	24,43
PX20-2E1.50R05-F3	CTP1340	1C72	●	24,43
PX20-3E2.00L05-F3	CTP1340	1C72	●	24,43
PX20-3E2.00N0.15-F3	CTP1340	1C72	●	24,43
PX20-3E2.00R05-F3	CTP1340	1C72	●	24,43

### SX..







SX E2.00L6-M1	CTC1325	1C72	●	11,18
SX E2.00L6-M1	CTP1340	1C72	●	11,18
SX E2.00N0.20-F2	CTC1325	1C72	●	16,66
SX E2.00N0.20-F2	CTP1340	1C72	●	16,66
SX E2.00N0.20-F2	GM740	1C72	–	16,04
SX E2.00N0.20-F2	SR735	1C72	–	16,04
SX E2.00N0.20-M1	CTC1325	1C72	●	11,18
SX E2.00N0.20-M1	CTPP345	1C72	●	11,18
SX E2.00N0.20-M1	CTP1340	1C72	●	11,18
SX E2.00N0.20-M1	GM740	1C72	–	10,66
SX E2.00N0.20-M1	SR735	1C72	–	10,66
SX E2.00N0.20-M2	CTCP335	1C72	●	11,18
SX E2.00N0.20-M2	CTC1325	1C72	●	11,18
SX E2.00N0.20-M2	CTPP345	1C72	●	11,18
SX E2.00N0.20-M2	CTP1340	1C72	●	11,18
SX E2.00N0.20-M2	GM740	1C72	–	10,66
SX E2.00N0.20-M2	SR735	1C72	–	10,66
SX E2.00N0.20-27P	H216T	1C72	●	13,25
SX E2.00R6-M1	CTC1325	1C72	●	11,18
SX E2.00R6-M1	CTP1340	1C72	●	11,18
SX E3.00L6-M1	CTC1325	1C72	●	11,90
SX E3.00L6-M1	CTP1340	1C72	●	11,90
SX E3.00N0.20-M1	CTCP335	1C72	●	11,90
SX E3.00N0.20-M1	CTC1325	1C72	●	11,90
SX E3.00N0.20-M1	CTPP345	1C72	●	11,90
SX E3.00N0.20-M1	CTP1340	1C72	●	11,90
SX E3.00N0.20-M1	SR735	1C72	–	11,28
SX E3.00N0.30-F2	CTCP335	1C72	●	17,91
SX E3.00N0.30-F2	CTC1325	1C72	●	17,91

# Insert tools for parting, grooving and threading

MaxiLock MSS inserts

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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<b>SX..</b>				 			
SX E3.00N0.30-F2	CTPP345	1C72	●	17,91			
SX E3.00N0.30-F2	CTP1340	1C72	●	17,91			
SX E3.00N0.30-F2	GM740	1C72	–	16,77			
SX E3.00N0.30-F2	SR735	1C72	–	16,77			
SX E3.00N0.30-M2	CTCP335	1C72	●	11,90			
SX E3.00N0.30-M2	CTC1325	1C72	●	11,90			
SX E3.00N0.30-M2	CTPP345	1C72	●	11,90			
SX E3.00N0.30-M2	CTP1340	1C72	●	11,90			
SX E3.00N0.30-M2	GM740	1C72	–	11,28			
SX E3.00N0.30-M2	SR735	1C72	–	11,28			
SX E3.00N0.30-27P	H216T	1C72	●	14,18			
SX E3.00R6-M1	CTC1325	1C72	●	11,90			
SX E3.00R6-M1	CTP1340	1C72	●	11,90			
SX E4.00L6-M1	CTC1325	1C72	●	12,52			
SX E4.00L6-M1	CTP1340	1C72	●	12,52			
SX E4.00N0.30-M1	CTCP335	1C72	●	12,52			
SX E4.00N0.30-M1	CTC1325	1C72	●	12,52			
SX E4.00N0.30-M1	CTPP345	1C72	●	12,52			
SX E4.00N0.30-M1	CTP1340	1C72	●	12,52			
SX E4.00N0.30-M1	GM740	1C72	–	12,01			
SX E4.00N0.30-M1	SR735	1C72	–	12,01			
SX E4.00N0.40-F2	CTC1325	1C72	●	18,94			
SX E4.00N0.40-F2	CTP1340	1C72	●	18,94			
SX E4.00N0.40-F2	GM740	1C72	–	18,11			
SX E4.00N0.40-F2	SR735	1C72	–	18,11			
SX E4.00N0.40-M2	CTCP335	1C72	●	12,52			
SX E4.00N0.40-M2	CTC1325	1C72	●	12,52			
SX E4.00N0.40-M2	CTPP345	1C72	●	12,52			
SX E4.00N0.40-M2	CTP1340	1C72	●	12,52			
SX E4.00N0.40-M2	GM740	1C72	–	12,01			
SX E4.00N0.40-M2	SR735	1C72	–	12,01			
SX E4.00N0.40-27P	H216T	1C72	●	15,01			
SX E4.00R6-M1	CTC1325	1C72	●	12,52			
SX E4.00R6-M1	CTP1340	1C72	●	12,52			
SX E5.00N0.30-M1	CTC1325	1C72	●	13,35			
SX E5.00N0.30-M1	CTP1340	1C72	●	13,35			
SX E5.00N0.40-M2	CTC1325	1C72	●	13,35			
SX E5.00N0.40-M2	CTP1340	1C72	●	13,35			
SX E5.00N0.40-M2	GM740	1C72	–	12,73			
SX E5.00N0.40-M2	SR735	1C72	–	12,73			
SX E6.00N0.40-M1	CTC1325	1C72	●	14,39			
SX E6.00N0.40-M1	CTP1340	1C72	●	14,39			
SX E6.00N0.50-M2	CTC1325	1C72	●	14,39			
SX E6.00N0.50-M2	CTP1340	1C72	●	14,39			
SX E6.00N0.50-M2	GM740	1C72	–	13,87			
SX E6.00N0.50-M2	SR735	1C72	–	13,87			

<b>SX..R</b>				 			
SX R1.50N-M3	CTCP335	1C72	●	12,63			
SX R1.50N-M3	CTP1340	1C72	●	12,63			
SX R2.00N-M3	CTCP335	1C72	●	13,35			
SX R2.00N-M3	CTP1340	1C72	●	13,35			
SX R2.50N-M3	CTCP335	1C72	●	14,08			
SX R2.50N-M3	CTP1340	1C72	●	14,08			
SX R3.00N-M3	CTP1340	1C72	●	15,32			

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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### Full profile 55°



TC16-1 EI 16 W	GM213	1C84	●	19,87
TC16-1 EI 16 W	GM240	1C84	○	19,87
TC16-1 EI 18 W	GM213	1C84	●	19,87
TC16-1 EI 18 W	GM240	1C84	○	19,87
TC16-1 EI 19 W	GM213	1C84	●	19,87
TC16-1 EI 19 W	GM240	1C84	●	19,87
TC16-1 EI 19 W-27P	H216T	1C84	●	16,04
TC16-1 EI 20 W	GM213	1C84	●	19,87
TC16-1 EI 20 W	GM240	1C84	○	19,87
TC16-1 EI 24 W	GM213	1C84	●	19,87
TC16-1 EI 24 W	GM240	1C84	●	19,87
TC16-1 EI 26 W	GM213	1C84	●	19,87
TC16-1 EI 26 W	GM240	1C84	○	19,87
TC16-1 EI 28 W	GM213	1C84	●	19,87
TC16-1 EI 28 W	GM240	1C84	●	19,87
TC16-2 EI 10 W	GM213	1C84	●	19,87
TC16-2 EI 10 W	GM240	1C84	●	19,87
TC16-2 EI 11 W	GM213	1C84	●	19,87
TC16-2 EI 11 W	GM240	1C84	●	19,87
TC16-2 EI 11 W-27P	H216T	1C84	●	16,04
TC16-2 EI 12 W	GM213	1C84	●	19,87
TC16-2 EI 12 W	GM240	1C84	●	19,87
TC16-2 EI 14 W	GM213	1C84	●	19,87
TC16-2 EI 14 W	GM240	1C84	●	19,87
TC16-2 EI 14 W-27P	H216T	1C84	●	16,04
TC16-2 EI 8 W	GM213	1C84	●	19,87
TC16-2 EI 8 W	GM240	1C84	○	19,87
TC16-2 EI 9 W	GM213	1C84	●	19,87
TC16-2 EI 9 W	GM240	1C84	○	19,87
TC16-3 EI 5 W	GM213	1C84	○	19,87
TC16-3 EI 5 W	GM240	1C84	○	19,87
TC16-3 EI 6 W	GM213	1C84	○	19,87
TC16-3 EI 7 W	GM213	1C84	○	19,87
TC16-3 EI 7 W	GM240	1C84	○	19,87

### Full profile 60°



TC16-1 E 0,5 ISO	GM213	1C84	●	19,87
TC16-1 E 0,5 ISO	GM240	1C84	●	19,87
TC16-1 E 0,5 ISO-27P	H216T	1C84	●	16,04
TC16-1 E 0,75 ISO	GM213	1C84	●	19,87
TC16-1 E 0,75 ISO	GM240	1C84	●	19,87
TC16-1 E 0,75 ISO-27P	H216T	1C84	●	16,04
TC16-1 E 1,0 ISO	GM213	1C84	●	19,87
TC16-1 E 1,0 ISO	GM240	1C84	●	19,87
TC16-1 E 1,0 ISO-27P	H216T	1C84	●	16,04
TC16-1 E 1,25 ISO	GM213	1C84	●	19,87
TC16-1 E 1,25 ISO	GM240	1C84	●	19,87
TC16-1 E 1,25 ISO-27P	H216T	1C84	●	16,04
TC16-1 E 1,5 ISO	GM213	1C84	●	19,87
TC16-1 E 1,5 ISO	GM240	1C84	●	19,87
TC16-1 E 1,5 ISO-27P	H216T	1C84	●	16,04
TC16-1 I 0,5 ISO	GM213	1C84	●	19,87
TC16-1 I 0,5 ISO	GM240	1C84	●	19,87
TC16-1 I 0,75 ISO	GM213	1C84	●	19,87
TC16-1 I 0,75 ISO	GM240	1C84	○	19,87
TC16-1 I 1,0 ISO	GM213	1C84	●	19,87
TC16-1 I 1,0 ISO	GM240	1C84	●	19,87
TC16-1 I 1,0 ISO-27P	H216T	1C84	●	16,04

### Full profile 60°



TC16-1 I 1,25 ISO	GM213	1C84	●	19,87
TC16-1 I 1,25 ISO	GM240	1C84	●	19,87
TC16-1 I 1,5 ISO	GM213	1C84	●	19,87
TC16-1 I 1,5 ISO	GM240	1C84	●	19,87
TC16-1 I 1,5 ISO-27P	H216T	1C84	●	16,04
TC16-2 E 1,75 ISO	GM213	1C84	●	19,87
TC16-2 E 1,75 ISO	GM240	1C84	●	19,87
TC16-2 E 1,75 ISO-27P	H216T	1C84	●	16,04
TC16-2 E 2,0 ISO	GM213	1C84	●	19,87
TC16-2 E 2,0 ISO	GM240	1C84	●	19,87
TC16-2 E 2,0 ISO-27P	H216T	1C84	●	16,04
TC16-2 E 2,5 ISO	GM213	1C84	●	19,87
TC16-2 E 2,5 ISO	GM240	1C84	●	19,87
TC16-2 E 2,5 ISO-27P	H216T	1C84	●	16,04
TC16-2 E 3,0 ISO	GM213	1C84	●	19,87
TC16-2 E 3,0 ISO	GM240	1C84	●	19,87
TC16-2 E 3,0 ISO-27P	H216T	1C84	●	16,04
TC16-2 I 1,75 ISO	GM213	1C84	●	19,87
TC16-2 I 1,75 ISO	GM240	1C84	●	19,87
TC16-2 I 2,0 ISO	GM213	1C84	●	19,87
TC16-2 I 2,0 ISO	GM240	1C84	●	19,87
TC16-2 I 2,0 ISO-27P	H216T	1C84	●	16,04
TC16-2 I 2,5 ISO	GM213	1C84	●	19,87
TC16-2 I 2,5 ISO	GM240	1C84	●	19,87
TC16-2 I 3,0 ISO	GM213	1C84	●	19,87
TC16-2 I 3,0 ISO	GM240	1C84	●	19,87
TC16-2 I 3,0 ISO-27P	H216T	1C84	●	16,04
TC16-3 E 3,5 ISO	GM213	1C84	●	19,87
TC16-3 E 4,0 ISO	GM213	1C84	●	19,87
TC16-3 E 4,0 ISO	GM240	1C84	●	19,87
TC16-3 E 4,5 ISO	GM213	1C84	●	19,87
TC16-3 E 4,5 ISO	GM240	1C84	●	19,87
TC16-3 E 5,0 ISO	GM213	1C84	●	19,87
TC16-3 E 5,0 ISO	GM240	1C84	●	19,87
TC16-3 I 3,5 ISO	GM213	1C84	●	19,87
TC16-3 I 3,5 ISO	GM240	1C84	●	19,87
TC16-3 I 4,0 ISO	GM213	1C84	●	19,87
TC16-3 I 4,0 ISO	GM240	1C84	●	19,87
TC16-3 I 4,5 ISO	GM213	1C84	●	19,87
TC16-3 I 4,5 ISO	GM240	1C84	●	19,87
TC16-3 I 5,0 ISO	GM213	1C84	●	19,87
TC16-3 I 5,0 ISO	GM240	1C84	●	19,87

### Partial profile 55°



TC16-1 EI-A55	GM213	1C84	●	19,87
TC16-1 EI-A55	GM240	1C84	●	19,87
TC16-2 EI-AG55	GM213	1C84	●	19,87
TC16-2 EI-AG55	GM240	1C84	●	19,87
TC16-2 EI-G55	GM213	1C84	●	19,87
TC16-2 EI-G55	GM240	1C84	●	19,87
TC16-3 EI-N55	GM213	1C84	●	19,87
TC16-3 EI-N55	GM240	1C84	●	19,87

# Insert tools for parting, grooving and threading

MaxiLock MSS TC threading inserts

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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## Partial profile 60°

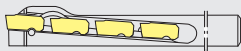


TC16-1 EI-A60	GM213	1C84	●	19,87
TC16-1 EI-A60	GM240	1C84	●	19,87
TC16-1 EI-A60-27P	H216T	1C84	●	16,04
TC16-2 EI-AG60	GM213	1C84	●	19,87
TC16-2 EI-AG60	GM240	1C84	●	19,87
TC16-2 EI-AG60-27P	H216T	1C84	●	16,04
TC16-2 EI-G60	GM213	1C84	●	19,87
TC16-2 EI-G60	GM240	1C84	●	19,87
TC16-2 EI-G60-27P	H216T	1C84	●	16,04
TC16-3 EI-N60	GM213	1C84	●	19,87
TC16-3 EI-N60	GM240	1C84	●	19,87
TC16-3 EI-N60-27P	H216T	1C84	●	16,04



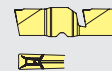
Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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## MC ..



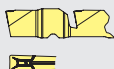
MC05L-1010K		2C71	●	84,50
MC05L-1212K		2C71	●	84,50
MC05L-1616K		2C71	●	84,50
MC05L-2020K		2C71	●	98,20
MC05L-2525M		2C71	●	104,60
MC05R-1010K		2C71	●	84,50
MC05R-1212K		2C71	●	84,50
MC05R-1616K		2C71	●	84,50
MC05R-2020K		2C71	●	98,20
MC05R-2525M		2C71	●	104,60
MC10L-1010K		2C71	●	84,50
MC10L-1010K-S		2C71	●	84,50
MC10L-1212K		2C71	●	84,50
MC10L-1212K-S		2C71	●	84,50
MC10L-1616K		2C71	●	84,50
MC10L-2020K		2C71	●	98,20
MC10L-2525M		2C71	●	104,60
MC10R-1010K		2C71	●	84,50
MC10R-1010K-S		2C71	●	84,50
MC10R-1212K		2C71	●	84,50
MC10R-1212K-S		2C71	●	84,50
MC10R-1616K		2C71	●	84,50
MC10R-2020K		2C71	●	98,20
MC10R-2525M		2C71	●	104,60

## MC..



MC 10-4-2.50N0.10-F2	CTP1340	1C72	●	26,50
MC 10-4-2.50N0.10-F2	SR735	1C72	●	25,88
MC 10-4-2.50N0.10-27P	CTW7120	1C72	●	22,56
MC 10-4-2.50R07-F2	CTP1340	1C72	●	26,50
MC 10-4-2.50R07-F2	SR735	1C72	●	25,88
MC 10-4-2.50R12-F3	CTP1340	1C72	●	26,50

## MC..



MC 05-5-1.00L07-F2	CTP1340	1C72	●	32,19
MC 05-5-1.00L07-F2	SR735	1C72	○	31,46
MC 05-5-1.00N0.10-F2	CTP1340	1C72	●	32,19
MC 05-5-1.00N0.10-F2	SR735	1C72	●	31,46
MC 05-5-1.00R07-F2	CTP1340	1C72	●	32,19
MC 05-5-1.00R07-F2	SR735	1C72	○	31,46
MC 05-5-1.50L07-F2	CTP1340	1C72	●	32,19
MC 05-5-1.50L07-F2	SR735	1C72	—	31,46
MC 05-5-1.50N0.10-F2	CTP1340	1C72	●	32,19
MC 05-5-1.50N0.10-F2	SR735	1C72	●	31,46
MC 05-5-1.50R07-F2	CTP1340	1C72	●	32,19
MC 05-5-1.50R07-F2	SR735	1C72	○	31,46
MC 10-4-1.50L07-F2	CTP1340	1C72	●	26,50
MC 10-4-1.50L12-F3	CTP1340	1C72	●	26,50
MC 10-4-1.50N0.10-F2	CTP1340	1C72	●	26,50
MC 10-4-1.50N0.10-F2	SR735	1C72	●	25,88
MC 10-4-1.50N0.10-27P	CTW7120	1C72	●	21,94
MC 10-4-1.50R07-F2	CTP1340	1C72	●	26,50
MC 10-4-1.50R07-F2	SR735	1C72	●	25,88
MC 10-4-1.50R12-F3	CTP1340	1C72	●	26,50
MC 10-4-2.00L07-F2	CTP1340	1C72	●	26,50
MC 10-4-2.00L07-F2	SR735	1C72	○	25,88
MC 10-4-2.00L12-F3	CTP1340	1C72	●	26,50
MC 10-4-2.00N0.10-F2	CTP1340	1C72	●	26,50
MC 10-4-2.00N0.10-F2	SR735	1C72	●	25,88
MC 10-4-2.00N0.10-27P	CTW7120	1C72	●	22,56
MC 10-4-2.00R07-F2	CTP1340	1C72	●	26,50
MC 10-4-2.00R07-F2	SR735	1C72	●	25,88
MC 10-4-2.00R12-F3	CTP1340	1C72	●	26,50
MC 10-4-2.50L07-F2	CTP1340	1C72	●	26,50
MC 10-4-2.50L07-F2	SR735	1C72	○	25,88
MC 10-4-2.50L12-F3	CTP1340	1C72	●	26,50

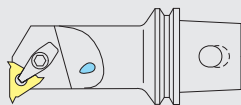


# Insert tools for parting, grooving and threading

UTS threading tools

Designation	€ each	Designation	€ each
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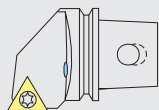
## MaxiLock SG



2D80

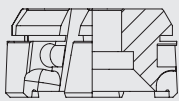
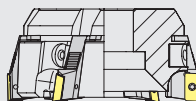
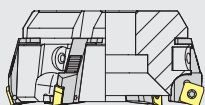
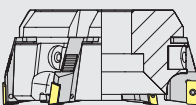
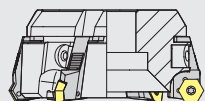
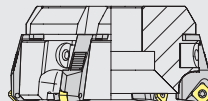
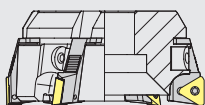
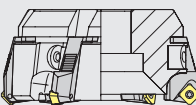
UT40 - 16F - 3R	—	293,60
UT40 - 20G - 3CR	—	293,60
UT40 - 32J - 4CL	o	293,60
UT40 - 32J - 4CR	o	293,60
UT50 - 25J - 3CR	●	331,00
UT50 - 32K - 3CL	o	331,00
UT50 - 32K - 3CR	o	331,00
UT63 - 32L - 3CR	o	386,30

## MaxiLock SG-AL



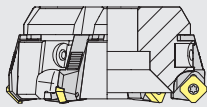
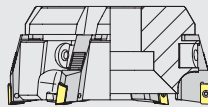
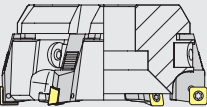
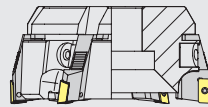
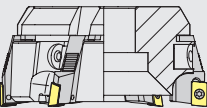
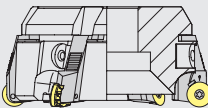
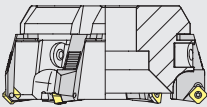
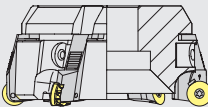
2D80

UT63 - AL - 3CR	—	291,30
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Designation	€ each	Designation	€ each
<b>A260..</b> 			
<b>2B40</b>			
A260.08.R.05	●	350,24	
A260.10.R.06	●	383,66	
A260.12.R.07	●	534,23	
A260.16.R.10	●	585,99	
A260.20.R.12	●	748,87	
A260.25.R.14	●	969,75	
A260.31.R.18	●	1014,10	
A260.40.R.22	●	2185,30	
<b>A260..026</b> 			
<b>2B40</b>			
A260.08.R.05/026	●	748,97	
A260.10.R.06/026	●	861,21	
A260.12.R.07/026	●	1094,70	
A260.16.R.10/026	●	1383,80	
A260.20.R.12/026	●	1705,60	
A260.25.R.14/026	○	2213,00	
A260.31.R.18/026	●	2446,70	
A260.40.R.22/026	●	3939,10	
<b>A260..018</b> 			
<b>2B40</b>			
A260.08.R.05/018	○	748,97	
A260.10.R.06/018	●	861,21	
A260.12.R.07/018	●	1094,70	
A260.16.R.10/018	●	1383,80	
A260.20.R.12/018	●	1705,60	
A260.25.R.14/018	●	2213,00	
A260.31.R.18/018	●	2446,70	
A260.40.R.22/018	○	3939,10	
<b>A260..027</b> 			
<b>2B40</b>			
A260.08.R.05/027	○	748,97	
A260.10.R.06/027	○	861,21	
A260.12.R.07/027	○	1094,70	
A260.16.R.10/027	○	1383,80	
A260.20.R.12/027	○	1705,60	
A260.25.R.14/027	●	2213,00	
A260.31.R.18/027	○	2446,70	
A260.40.R.22/027	○	3939,10	
<b>A260..023</b> 			
<b>2B40</b>			
A260.08.R.05/023	●	748,97	
A260.10.R.06/023	●	861,21	
A260.12.R.07/023	●	1094,70	
A260.16.R.10/023	●	1383,80	
A260.20.R.12/023	●	1705,60	
A260.25.R.14/023	○	2213,00	
A260.31.R.18/023	○	2446,70	
A260.40.R.22/023	●	3939,10	
<b>A260..029</b> 			
<b>2B40</b>			
A260.08.R.05/029	●	748,97	
A260.10.R.06/029	●	861,21	
A260.12.R.07/029	●	1094,70	
A260.16.R.10/029	●	1383,80	
A260.20.R.12/029	●	1705,60	
A260.25.R.14/029	●	2213,00	
A260.31.R.18/029	●	2446,70	
A260.40.R.22/029	○	3939,10	
<b>A260..025</b> 			
<b>2B40</b>			
A260.08.R.05/025	●	748,97	
A260.10.R.06/025	●	861,21	
A260.12.R.07/025	●	1094,70	
A260.16.R.10/025	●	1383,80	
A260.20.R.12/025	●	1705,60	
A260.25.R.14/025	●	2213,00	
A260.31.R.18/025	●	2446,70	
A260.40.R.22/025	○	3939,10	
<b>A260..031</b> 			
<b>2B40</b>			
A260.08.R.05/031	●	748,97	
A260.10.R.06/031	●	861,21	
A260.12.R.07/031	●	1094,70	
A260.16.R.10/031	●	1383,80	
A260.20.R.12/031	●	1705,60	
A260.25.R.14/031	●	2213,00	
A260.31.R.18/031	●	2446,70	
A260.40.R.22/031	●	3939,10	

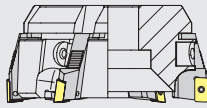
## Insert tools for milling

MaxiMill A 260 - cassette milling cutters

Designation	€ each	Designation	€ each
<b>A260..032</b> 			
<b>2B40</b>			
A260.08.R.05/032	●	748,97	
A260.10.R.06/032	○	861,21	
A260.12.R.07/032	●	1094,70	
A260.16.R.10/032	●	1383,80	
A260.20.R.12/032	●	1705,60	
A260.25.R.14/032	●	2213,00	
A260.31.R.18/032	●	2446,70	
A260.40.R.22/032	●	3939,10	
<b>A260..042</b> 			
<b>2B40</b>			
A260.08.R.05/042	●	748,97	
A260.10.R.06/042	●	861,21	
A260.12.R.07/042	○	1094,70	
A260.16.R.10/042	●	1383,80	
A260.20.R.12/042	○	1705,60	
A260.25.R.14/042	○	2213,00	
A260.31.R.18/042	○	2446,70	
A260.40.R.22/042	○	3939,10	
<b>A260..039</b> 			
<b>2B40</b>			
A260.08.R.05/039	●	748,97	
A260.10.R.06/039	●	861,21	
A260.12.R.07/039	●	1094,70	
A260.16.R.10/039	●	1383,80	
A260.20.R.12/039	●	1705,60	
A260.25.R.14/039	●	2213,00	
A260.31.R.18/039	●	2446,70	
A260.40.R.22/039	●	3939,10	
<b>A260..051</b> 			
<b>2B40</b>			
A260.08.R.05/051	●	748,97	
A260.10.R.06/051	●	861,21	
A260.12.R.07/051	●	1094,70	
A260.16.R.10/051	●	1383,80	
A260.20.R.12/051	●	1705,60	
A260.25.R.14/051	●	2213,00	
A260.31.R.18/051	○	2446,70	
A260.40.R.22/051	○	3939,10	
<b>A260..040</b> 			
<b>2B40</b>			
A260.08.R.05/040	●	748,97	
A260.10.R.06/040	●	861,21	
A260.12.R.07/040	●	1094,70	
A260.16.R.10/040	●	1383,80	
A260.20.R.12/040	○	1705,60	
A260.25.R.14/040	○	2213,00	
A260.31.R.18/040	○	2446,70	
A260.40.R.22/040	●	3939,10	
<b>A260..052</b> 			
<b>2B40</b>			
A260.08.R.05/052	○	748,97	
A260.10.R.06/052	○	861,21	
A260.12.R.07/052	○	1094,70	
A260.16.R.10/052	●	1383,80	
A260.20.R.12/052	○	1705,60	
A260.25.R.14/052	●	2213,00	
A260.31.R.18/052	●	2446,70	
A260.40.R.22/052	○	3939,10	
<b>A260..041</b> 			
<b>2B40</b>			
A260.08.R.05/041	●	748,97	
A260.10.R.06/041	●	861,21	
A260.12.R.07/041	●	1094,70	
A260.16.R.10/041	●	1383,80	
A260.20.R.12/041	○	1705,60	
A260.25.R.14/041	●	2213,00	
A260.31.R.18/041	○	2446,70	
A260.40.R.22/041	○	3939,10	
<b>A260..053</b> 			
<b>2B40</b>			
A260.08.R.05/053	●	748,97	
A260.10.R.06/053	●	861,21	
A260.12.R.07/053	●	1094,70	
A260.16.R.10/053	●	1383,80	
A260.20.R.12/053	●	1705,60	
A260.25.R.14/053	●	2213,00	
A260.31.R.18/053	●	2446,70	
A260.40.R.22/053	●	3939,10	

Designation	€ each	Designation	€ each
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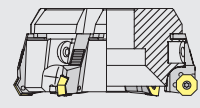
## A260..054



### 2B40

A260.08.R.05/054	●	748,97
A260.10.R.06/054	●	861,21
A260.12.R.07/054	●	1094,70
A260.16.R.10/054	●	1383,80
A260.20.R.12/054	●	1705,60
A260.25.R.14/054	●	2213,00
A260.31.R.18/054	●	2446,70
A260.40.R.22/054	●	3939,10

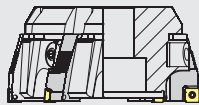
## A260..058



### 2B40

A260.08.R.05/058	●	748,97
A260.10.R.06/058	●	861,21
A260.12.R.07/058	●	1094,70
A260.16.R.10/058	●	1383,80
A260.20.R.12/058	●	1705,60
A260.25.R.14/058	●	2213,00
A260.31.R.18/058	●	2446,70
A260.40.R.22/058	●	3939,10

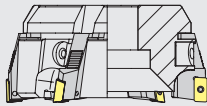
## A260..055



### 2B40

A260.08.R.05/055	●	748,97
A260.10.R.06/055	●	861,21
A260.12.R.07/055	●	1094,70
A260.16.R.10/055	●	1383,80
A260.20.R.12/055	●	1705,60
A260.25.R.14/055	●	2213,00
A260.31.R.18/055	●	2446,70
A260.40.R.22/055	●	3939,10

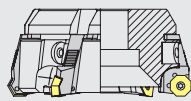
## A260..056



### 2B40

A260.08.R.05/056	●	748,97
A260.10.R.06/056	●	861,21
A260.12.R.07/056	●	1094,70
A260.16.R.10/056	●	1383,80
A260.20.R.12/056	●	1705,60
A260.25.R.14/056	●	2213,00
A260.31.R.18/056	●	2446,70
A260.40.R.22/056	●	3939,10

## A260..057




### 2B40

A260.08.R.05/057	●	748,97
A260.10.R.06/057	●	861,21
A260.12.R.07/057	●	1094,70
A260.16.R.10/057	●	1383,80
A260.20.R.12/057	●	1705,60
A260.25.R.14/057	●	2213,00
A260.31.R.18/057	●	2446,70
A260.40.R.22/057	●	3939,10

# Insert tools for milling

Cassettes for MaxiMill A 260

Designation	€ each	Designation	€ each
<b>7818...</b> 			
<b>2B40</b>			
7818018 / KA	●	80,36	
7818023 / KA	—	80,36	
7818025 / KA	●	80,36	
7818026 / KA	●	80,36	
7818027 / KA	—	80,36	
7818029 / KA	●	80,36	
7818031 / KA	●	80,36	
7818032 / KA	●	80,36	
7818039 / KA	●	80,36	
7818040 / KA	●	80,36	
7818041 / KA	●	80,36	
7818042 / KA	●	80,36	
7818051 / KA	●	80,36	
7818052 / KA	●	80,36	
7818053 / KA	●	80,36	
7818054 / KA	●	80,36	
7818055 / KA	●	80,36	
7818056 / KA	●	80,36	
7818057 / KA	●	80,36	
7818058 / KA	●	80,36	

Designation	€ each	Designation	€ each
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### AHDM



#### 2B40

AHDM.160.R.08-75-22	●	2084,90
AHDM.200.R.10-75-22	●	2469,20
AHDM.250.R.12-75-22	●	2851,60
AHDM.315.R.14-75-22	●	3363,00

### AHEC



#### 2B40

AHEC.50.R.04B-11	●	403,85
AHEC.50.R.06A03-11	●	784,43
AHEC.50.R.06-11	●	517,63
AHEC.63.R.06B-11	●	501,84
AHEC.63.R.08A04-11	●	977,03
AHEC.63.R.08-11	●	621,36
AHEC.80.R.08B-11	●	643,19
AHEC.80.R.10A05-11	●	1204,40
AHEC.80.R.10-11	●	759,63
AHEC.100.R.10B-11	●	826,66
AHEC.100.R.12A06-11	●	1420,70
AHEC.100.R.12-11	●	886,52
AHEC.125.R.12B-11	●	1010,30
AHEC.125.R.12-11	●	1013,20
AHEC.125.R.12-1210	●	1013,20
AHEC.125.R.16A08-11	●	1922,90
AHEC.125.R.16-11	○	1020,90
AHEC.160.R.14B-11	●	1255,60
AHEC.160.R.16-1210	●	1189,00
AHEC.160.R.20A10-11	●	2376,00
AHEC.160.R.20-11	●	1486,30

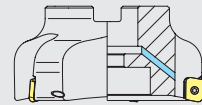
### AHFC



#### 2B40

AHFC.32.R.03-09	●	295,20
AHFC.35.R.04-09	●	314,47
AHFC.40.R.03-12	●	308,12
AHFC.40.R.04-09	●	327,28
AHFC.42.R.04-12	●	327,28
AHFC.42.R.05-09	●	346,55
AHFC.50.R.04-12	●	365,72
AHFC.50.R.05-09	●	385,09
AHFC.52.R.05-12	●	385,09
AHFC.52.R.06-09	●	404,36
AHFC.63.R.05-12	●	423,43
AHFC.63.R.06-09	●	442,80
AHFC.66.R.06-12	●	442,80
AHFC.66.R.07-09	—	462,07
AHFC.80.R.07-12	●	500,61
AHFC.100.R.08-12	●	558,52

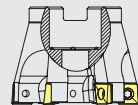
### AHPC



#### 2B40

AHPC.40.R.03-19	●	471,30
AHPC.40.R.04-12	●	622,69
AHPC.50.R.03-19	●	490,98
AHPC.50.R.04-12	●	637,04
AHPC.50.R.05-12	●	713,20
AHPC.63.R.03-19	●	514,55
AHPC.63.R.04-12	●	656,10
AHPC.63.R.04-19	●	528,08
AHPC.63.R.07-12	●	884,27
AHPC.80.R.05-12	●	927,22
AHPC.80.R.09-12	●	1231,00
AHPC.100.R.06-12	●	1046,50
AHPC.100.R.12-12	●	1501,60
AHPC.125.R.08-12	●	1240,30
AHPC.125.R.14-12	●	1696,40
AHPC.160.R.10-12	●	1544,70
AHPC.160.R.16-12	●	4449,50
AHPC.200.R.12-12	●	4608,40
AHPC.250.R.14-12	●	5203,90
AHPC.315.R.18-12	●	6555,90

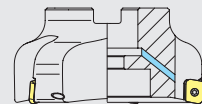
### AHPP



#### 2B40

AHPP.40.R.05-09	●	396,06
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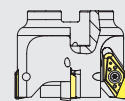
### AHSC



#### 2B40

AHSC.40.R.03-19	●	403,44
AHSC.40.R.04-11	●	430,50
AHSC.50.R.04-11	●	520,70
AHSC.50.R.04-19	●	506,97
AHSC.63.R.04-19	●	567,54
AHSC.63.R.05-11	●	579,84
AHSC.63.R.05-19	●	579,84
AHSC.80.R.04-19	●	589,68
AHSC.80.R.05-11	●	603,21
AHSC.80.R.05-19	●	603,21
AHSC.100.R.04-19	●	632,94
AHSC.100.R.05-11	●	646,47
AHSC.100.R.05-19	●	646,47
AHSC.125.R.05-19	●	747,53
AHSC.125.R.06-19	●	759,83

### AHSV



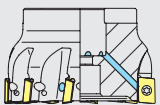


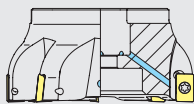

#### 2B40

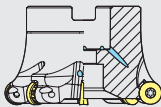
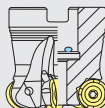
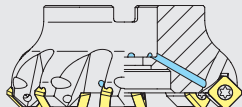
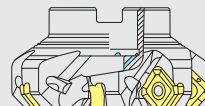
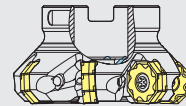
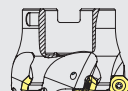
AHSV.50.R.03-22	●	615,62
AHSV.63.R.04-22	●	658,56
AHSV.80.R.05-22	●	711,97
AHSV.100.R.06-22	●	836,71
AHSV.125.R.07-22	●	961,55



# Insert tools for milling

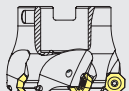
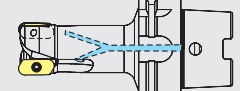
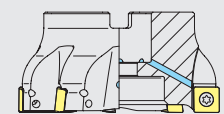
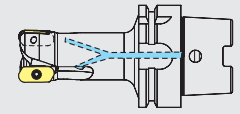
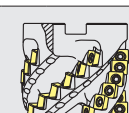
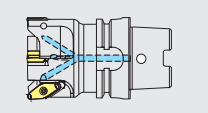
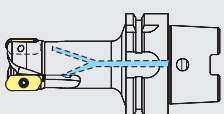
## Shell milling cutters

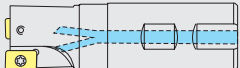
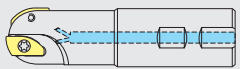
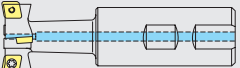
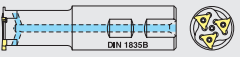
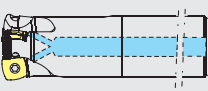
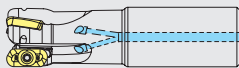
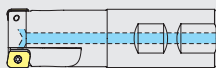
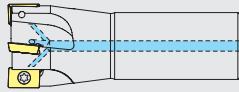
Designation	€ each	Designation	€ each
<b>A210</b> 		<b>A211...K</b> 	
<b>2B40</b>		<b>2B40</b>	
A210.40.R.06	● 463,92	A211.40.R.03K4-11	● 762,60
A210.50.R.05	● 345,43	A211.40.R.04K4-11	● 833,74
A210.50.R.08	● 552,68	A211.40.R.04K5-11	○ 919,32
A210.63.R.06	● 426,81	A211.50.R.03K4-15	● 862,54
A210.63.R.10	● 714,22	A211.50.R.03K5-15	● 915,94
A210.80.R.12	● 867,25	A211.50.R.04K5-11	● 1004,90
A210.100.R.14	● 1012,80	A211.50.R.05K5-11	● 1094,70
A210.125.R.15	● 1115,20	A211.50.R.05K6-11	○ 1200,30
		A211.63.R.03K4-15	● 940,34
		A211.63.R.04K4-20	● 916,86
		A211.63.R.04K6-15	● 1154,20
		A211.80.R.04K5-15	● 1160,30
		A211.80.R.05K4-20	● 1028,10
		A211.80.R.05K6-15	● 1338,70
<b>A211</b> 		<b>A241</b> 	
<b>2B40</b>		<b>2B40</b>	
A211.32.R.06-07	● 303,09	A241.40.R.04	— 262,71
A211.32.R.08-07	● 338,66	A241.50.R.05	— 320,72
A211.40.R.03-15	● 275,42	A241.63.R.06	— 387,35
A211.40.R.04-11	● 303,09	A241.80.R.07	— 455,31
A211.40.R.04-15	● 309,86		
A211.40.R.06-11	● 338,66		
A211.40.R.08-07	● 374,33		
A211.40.R.10-07	● 410,00		
A211.50.R.03-15	● 326,98		
A211.50.R.05-11	● 356,50		
A211.50.R.05-15	● 361,42		
A211.50.R.08-11	● 410,10		
A211.50.R.10-07	● 445,57		
A211.50.R.12-07	● 481,14		
A211.63.R.04-15	● 395,75		
A211.63.R.05-20	● 414,00		
A211.63.R.06-11	● 410,10		
A211.63.R.06-15	● 430,60		
A211.63.R.10-11	● 481,34		
A211.80.R.05-15	● 447,52		
A211.80.R.06-20	● 442,80		
A211.80.R.07-11	● 463,61		
A211.80.R.08-15	● 481,85		
A211.80.R.10-11	● 517,01		
A211.80.R.12-11	— 552,68		
A211.100.R.06-15	● 499,18		
A211.100.R.07-20	● 475,19		
A211.100.R.08-11	● 517,01		
A211.100.R.10-15	● 533,51		
A211.100.R.14-11	— 624,02		
A211.125.R.07-15	● 527,77		
A211.125.R.10-11	● 564,47		
A211.125.R.11-15	● 562,21		
A211.160.R.08-15	● 739,33		
A211.160.R.12-15	● 773,77		
A211.160.R.13-11	— 820,10		
		<b>A251</b> 	
<b>2B40</b>		<b>2B40</b>	
		A251.40.R.03-10-RS	● 300,94
		A251.40.R.04-12 E-78787	● 312,11
		A251.40.R.04-12-RS	● 312,11
		A251.40.R.05-10 E-81242	● 339,28
		A251.40.R.05-10-RS	● 339,28
		A251.42.R.06-10	— 389,91
		A251.42.R.06-10 E-81243	● 389,91
		A251.42.R.06-10-RS	● 389,91
		A251.50.R.04-10-RS	● 330,56
		A251.50.R.04-12-RS	● 322,06
		A251.50.R.04-16-RS	● 378,74
		A251.50.R.05-12 E-79812	● 378,74
		A251.50.R.05-12-RS	● 378,74
		A251.50.R.06-10	— 403,44
		A251.50.R.06-10 E-81244	● 403,44
		A251.50.R.06-10-RS	● 403,44
		A251.52.R.04-16-RS	● 378,74
		A251.52.R.05-12 E-80267	● 397,29
		A251.52.R.05-12-RS	● 397,29
		A251.52.R.06-10 E-81245	● 403,44
		A251.52.R.06-10-RS	● 403,44
		A251.63.R.05-16-RS	● 477,45
		A251.63.R.06-12 E-81239	● 467,61
		A251.63.R.06-12-RS	● 467,61
		A251.66.R.07-12 E-81240	● 492,92
		A251.66.R.07-12-RS	● 492,92
		A251.80.R.05-12-RS	● 426,81
		A251.80.R.05-20-RS	● 490,98
		A251.80.R.06-16-RS	● 579,84
		A251.80.R.07-12 E-81241	● 527,47
		A251.80.R.07-12-RS	● 527,47
		A251.100.R.06-12-RS	● 476,22

Designation	€ each		Designation	€ each	
<b>A251</b>					
					
<b>2B40</b>					
A251.100.R.06-20	—	587,22			
A251.100.R.06-20-RS	●	587,22			
A251.100.R.07-16	—	677,42			
A251.100.R.07-16-RS	●	677,42			
A251.100.R.10-12-RS	●	695,77			
A251.125.R.06-20-RS	●	594,60			
<b>A252</b>					
					
<b>2B40</b>					
A252.40.R.04-12	●	358,75			
A252.40.R.05-10	●	390,53			
A252.42.R.05-10	●	447,93			
A252.50.R.05-12	●	435,63			
A252.50.R.06-10	●	464,33			
A252.52.R.05-12	●	436,65			
A252.52.R.07-10	●	504,30			
A252.63.R.06-12	●	538,13			
A252.66.R.07-12	●	566,83			
A252.80.R.08-12	●	619,10			
<b>A270</b>					
					
<b>2B40</b>					
A270.32.R.03-09	●	300,94			
A270.32.R.03-12	●	378,74			
A270.32.R.05-09	●	330,56			
A270.40.R.03-12	●	387,35			
A270.40.R.04-09	●	339,28			
A270.40.R.04-12	●	387,35			
A270.40.R.06-09	●	382,53			
A270.50.R.04-12	●	437,98			
A270.50.R.05-12	●	437,98			
A270.50.R.06-09	●	393,60			
A270.50.R.08-09	●	471,30			
A270.63.R.04-12	●	500,92			
A270.63.R.05-09	●	382,53			
A270.63.R.06-12	●	573,59			
A270.63.R.08-09	●	477,45			
A270.63.R.10-09	●	594,60			
A270.80.R.04-15	—	631,61			
A270.80.R.05-12	●	581,07			
A270.80.R.06-09	●	432,96			
A270.80.R.08-12	●	715,45			
A270.80.R.10-09	●	603,21			
A270.80.R.12-09	●	715,45			
A270.100.R.05-15	—	740,15			
A270.100.R.06-12	●	684,60			
A270.100.R.07-09	●	558,93			
A270.100.R.10-12	●	837,63			
A270.100.R.12-09	●	727,85			
A270.100.R.14-09	●	845,11			
A270.125.R.06-15	—	895,75			
A270.125.R.07-12	●	836,40			
A270.125.R.10-09	●	727,85			
A270.125.R.12-09	●	851,26			
A270.125.R.12-12	●	1131,60			
A270.160.R.07-15	—	1126,50			
<b>A271</b>					
					
<b>2B40</b>					
A271.50.R.04-17	●	379,25			
A271.63.R.06-17	●	533,00			
A271.80.R.07-17	●	609,88			
A271.100.R.08-17	●	702,13			
A271.125.R.10-17	●	809,75			
A271.160.R.12-17	●	953,25			
A271.200.R.13-17	●	1178,80			
A271.250.R.15-17	●	1424,80			
<b>A273</b>					
					
<b>2B40</b>					
A273.40.R.03-06	●	363,67			
A273.40.R.04-06	●	381,40			
A273.50.R.05-06	●	427,73			
A273.63.L.07-06	○	513,42			
A273.63.R.07-06	●	513,42			
A273.80.R.08-06	●	599,01			
A273.80.R.10A10-06	●	1200,30			
A273.80.R.10-06	●	912,76			
A273.100.R.10-06	●	706,02			
A273.100.R.14A14-06	●	1633,90			
A273.100.R.14-06	●	1166,50			
A273.125.L.12-06	○	791,51			
A273.125.R.12-06	●	791,51			
A273.125.R.17A17-06	●	1920,90			
A273.125.R.17-06	●	1353,00			
A273.160.L.14-06	○	938,39			
A273.160.R.14-06	●	938,39			
A273.160.R.20A20-06	●	2268,30			
A273.160.R.20-06	●	1601,10			
A273.200.R.25A25-06	●	2836,20			
A273.200.R.25-06	●	2001,80			
A273.250.R.31A31-06	○	3483,00			
A273.250.R.31-06	○	2448,70			
A273.315.R.40A40-06	○	4366,50			
A273.315.R.40-06	○	3030,90			
<b>A274</b>					
					
<b>2B40</b>					
A274.32.R.05-09	●	326,77			
A274.40.R.04-09	●	326,77			
A274.40.R.06-09	●	362,34			
A274.50.R.05-09	●	380,17			
A274.50.R.05-12	●	410,00			
A274.50.R.07-09	●	398,01			
A274.63.R.06-09	●	433,68			
A274.63.R.06-12	●	492,00			
A274.63.R.09-09	●	487,00			

# Insert tools for milling

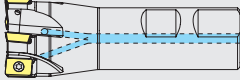
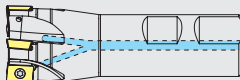
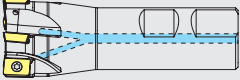



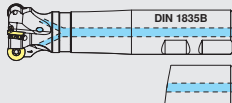
Shell milling cutters

Designation	€ each	Designation	€ each
<b>A274</b> 		<b>MHPC</b> 	
<b>2B40</b>		<b>2B40</b>	
A274.80.R.07-09	● 487,08	MHPC.63.R.07-12-H63A-80	● 1155,20
A274.80.R.08-12	● 656,00	MHPC.80.R.05-12-H63A-90	● 1136,70
A274.80.R.11-09	● 558,22	MHPC.80.R.09-12-H63A-90	● 1441,20
A274.100.R.09-09	● 600,55	MHPC.100.R.06-12-H63A-90	● 1354,00
A274.100.R.10-12	● 809,75	MHPC.100.R.12-12-H63A-90	● 1811,20
A274.100.R.13-09	● 671,79	MHPC.125.R.08-12-H63A-123	● 3199,00
A274.125.R.12-09	● 731,85	MHPC.160.R.10-12-H63A-123	● 4326,50
A274.125.R.12-12	● 989,13		
<b>A490</b> 		<b>MHSC</b> 	
<b>2B40</b>		<b>2B40</b>	
A490.40.R.04-12	● 334,87	MHSC.25.R.02-19-H63A-50	● 727,85
A490.40.R.05-09	● 351,68	MHSC.25.R.02-19-H63A-63	● 727,85
A490.42.R.06-09	● 376,28	MHSC.25.R.03-11-H63A-50	● 739,03
A490.50.R.05-12	● 371,87	MHSC.25.R.03-11-H63A-63	● 739,03
A490.50.R.06-09	● 388,58	MHSC.32.R.02-19-H63A-63	● 742,82
A490.52.R.07-09	● 413,28	MHSC.32.R.02-19-H63A-80	● 742,82
A490.63.R.06-12	● 408,98	MHSC.32.R.03-11-H63A-63	● 751,33
A490.63.R.07-09	● 425,58	MHSC.32.R.03-11-H63A-80	● 751,33
A490.66.R.08-09	● 450,28	MHSC.32.R.03-19-H63A-63	● 755,12
A490.80.R.07-12	● 564,88	MHSC.32.R.03-19-H63A-80	● 755,12
A490.80.R.09-09	● 598,29	MHSC.40.R.03-19-H63A-63	● 769,88
A490.100.R.08-12	● 620,54	MHSC.40.R.03-19-H63A-80	● 769,88
A490.100.R.10-09	● 653,85	MHSC.40.R.04-11-H63A-63	● 779,82
A490.125.R.10-12	● 664,92	MHSC.40.R.04-11-H63A-80	● 779,82
		MHSC.50.R.03-19-H63A-100	● 769,88
		MHSC.50.R.04-11-H63A-100	○ 793,25
		MHSC.50.R.04-11-H63A-63	● 793,25
<b>A490...K</b> 		<b>MHSV</b> 	
<b>2B40</b>		<b>2B40</b>	
A490.40.R.03K6-09	● 974,78	MHSV.50.R.03-22-H63A-80	— 758,40
A490.50.R.04K6-09	● 1179,80	MHSV.63.R.04-22-H63A-80	— 801,04
A490.63.R.05K6-09	● 1333,50	MHSV.80.R.05-22-H63A-90	— 854,65
		MHSV.100.R.06-22-H63A-90	— 979,29
<b>MHPC</b> 			
<b>2B40</b>			
MHPC.25.R.02-19-H63A-100	○ 938,90		
MHPC.25.R.02-19-H63A-50	● 938,90		
MHPC.25.R.02-19-H63A-63	● 938,90		
MHPC.25.R.02-19-H63A-80	○ 938,90		
MHPC.32.R.02-19-H63A-100	● 954,89		
MHPC.32.R.02-19-H63A-63	● 954,89		
MHPC.32.R.02-19-H63A-80	● 954,89		
MHPC.32.R.03-19-H63A-63	● 1053,70		
MHPC.32.R.03-19-H63A-80	● 1053,70		
MHPC.40.R.03-19-H63A-100	● 1083,40		
MHPC.40.R.03-19-H63A-63	● 1083,40		
MHPC.40.R.03-19-H63A-80	● 1083,40		
MHPC.40.R.04-12-H63A-70	○ 927,22		
MHPC.50.R.03-19-H63A-100	○ 1100,90		
MHPC.50.R.03-19-H63A-63	● 1100,90		
MHPC.50.R.03-19-H63A-80	● 1100,90		
MHPC.50.R.04-12-H63A-80	● 927,22		
MHPC.50.R.05-12-H63A-80	● 1003,10		
MHPC.63.R.04-12-H63A-80	● 927,22		

Designation	€ each	Designation	€ each
<b>C BF</b>			
			
<b>2B40</b>			
C BF.10.R.01	●	169,02	
C BF.12.R.01	●	177,53	
C BF.16.R.01	●	218,33	
C BF.18.R.01	●	236,98	
C BF.20.R.01	●	246,62	
<b>C KF</b>			
			
<b>2B40</b>			
C KF.12.R.01	●	308,32	
C KF.16.R.01	●	352,81	
C KF.20.R.01	●	399,65	
C KF.25.R.01	●	407,13	
C KF.32.R.01	●	420,66	
<b>C NF</b>			
			
<b>2B40</b>			
C NF.17.R.01	●	273,88	
C NF.20.R.01	●	273,88	
C NF.23.R.01	●	298,58	
C NF.30.R.02	●	326,87	
C NF.37.R.02	●	381,20	
C NF.47.R.02	●	426,81	
<b>C ZF</b>			
			
<b>2B40</b>			
C ZF.16.R.03	●	313,34	
C ZF.25.R.03	●	550,22	
<b>CHFC</b>			
			
<b>2B40</b>			
CHFC.16.R.02-06-A-40-200	●	219,86	
CHFC.16.R.02-06-B-40	●	219,86	
CHFC.20.R.03-06-A-50-225	●	249,59	
CHFC.20.R.03-06-B-50	●	249,59	
CHFC.25.R.02-09-A-50-225	●	263,22	
CHFC.25.R.03-09-A-50-225	●	282,49	
CHFC.25.R.04-06-A-50-225	●	279,31	
CHFC.25.R.04-06-B-50	●	279,31	
CHFC.32.R.02-12-A-63-250	●	276,03	
CHFC.32.R.03-09-A-63-250	●	295,20	
CHFC.32.R.05-06-A25-60-225	●	309,14	
CHFC.32.R.05-06-B25-60	●	309,14	
CHFC.35.R.03-12-A-63-250	●	295,20	
<b>CHPC</b>			
			
<b>2B40</b>			
CHPC.20.R.03-04-A-25	●	249,59	
CHPC.22.R.02-19-A-40	●	362,65	
CHPC.25.R.02-19-A-50	●	375,05	
CHPC.25.R.02-19-A-63	●	375,05	
CHPC.25.R.04-04-A-32	●	279,31	
CHPC.32.R.02-19-A-63	●	389,91	
CHPC.32.R.02-19-A-80	●	389,91	
CHPC.32.R.03-19-A-63	●	462,58	
CHPC.32.R.03-19-A-80	●	462,58	
CHPC.32.R.05-04-A-40	●	309,14	
CHPC.40.R.06-04-A32-50	●	338,66	
<b>CHSC</b>			
			
<b>2B40</b>			
CHSC.16.R.02-11-A-25	●	255,43	
CHSC.16.R.02-11-A-32	●	255,43	
CHSC.16.R.02-11-B-25	●	255,43	
CHSC.18.R.02-11-A-25	●	261,58	
CHSC.18.R.02-11-A-32	●	261,58	
CHSC.19.R.02-11-A-25	●	267,73	
CHSC.19.R.02-11-A-32	●	267,73	
CHSC.20.R.02-11-A-32	●	275,11	
CHSC.20.R.02-11-A-40	●	275,11	
CHSC.20.R.03-11-B-32	●	312,11	
CHSC.22.R.02-11-A-32	●	282,59	
CHSC.22.R.02-11-A-40	●	282,59	
CHSC.25.R.02-11-A-40	●	296,02	
CHSC.25.R.02-11-A-50	●	296,02	
CHSC.25.R.02-19	●	309,76	
CHSC.25.R.02-19-A-50	●	300,94	
CHSC.25.R.02-19-A-63	●	300,94	
CHSC.25.R.03-11-A-40	●	309,76	
CHSC.25.R.03-11-A-50	●	309,76	
CHSC.25.R.04-11-B-40	●	340,51	
CHSC.32.R.02-19	●	323,18	
CHSC.32.R.02-19-A-63	●	315,91	
CHSC.32.R.02-19-A-80	●	315,91	
CHSC.32.R.03-11-A-50	●	322,06	
CHSC.32.R.03-11-A-63	●	322,06	
CHSC.32.R.03-19	●	397,29	
CHSC.32.R.03-19-A-63	●	389,91	
CHSC.32.R.03-19-A-80	●	389,91	
CHSC.32.R.05-11-B-50	●	407,13	
<b>C141</b>			
			
<b>2B40</b>			
C141.16.R.01	○	150,57	
C141.20.R.01	○	162,87	
C141.20.R.01.A	○	167,90	
C141.25.R.02	○	217,20	
C141.32.R.03	○	251,74	
C141.40.R.04	○	317,03	

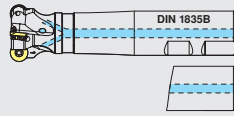
# Insert tools for milling

MaxiMill end mills

Designation	€ each	Designation	€ each
<b>C210</b>			
			
<b>2B40</b>			
C210.16.R.02	●	255,43	
C210.20.R.03	●	273,88	
C210.25.R.04	●	336,82	
C210.32.R.05	●	407,13	
<b>C211</b>			
			
<b>2B40</b>			
C211.10.R.01-07-A-20	●	202,13	
C211.12.R.01-11-B-20	●	196,08	
C211.12.R.02-07-A-20	●	231,65	
C211.16.R.02-11-A15-32-165	●	219,86	
C211.16.R.02-11-A-25	●	219,86	
C211.16.R.02-11-A-32-165	●	219,86	
C211.16.R.02-11-B-25	●	219,86	
C211.16.R.03-07-A-32-165	●	237,70	
C211.16.R.04-07-A-25	●	255,53	
C211.16.R.04-07-B-25	●	255,53	
C211.20.R.02-11-A19-40-200	●	231,65	
C211.20.R.02-11-A-25	●	231,65	
C211.20.R.02-11-A-40-200	●	231,65	
C211.20.R.02-11-B-25	●	231,65	
C211.20.R.03-11-A-25	●	249,59	
C211.20.R.03-11-A-32-165	●	249,59	
C211.20.R.03-11-B-25	●	249,59	
C211.20.R.04-07-A-40-200	●	267,32	
C211.20.R.05-07-A-25	●	285,16	
C211.20.R.05-07-B-25	●	285,16	
C211.25.R.02-11-A-50-225	●	243,75	
C211.25.R.02-15-A-32	●	252,36	
C211.25.R.02-15-A-50-225	●	235,24	
C211.25.R.02-15-B20-32	●	252,36	
C211.25.R.02-15-B-32	●	252,36	
C211.25.R.03-11-A24-50-225	●	261,48	
C211.25.R.03-11-A-32	●	261,48	
C211.25.R.03-11-A-50-225	●	261,48	
C211.25.R.03-11-B-32	●	261,48	
C211.25.R.04-11-A-32	●	279,31	
C211.25.R.04-11-A-40-165	●	279,31	
C211.25.R.04-11-B-32	●	279,31	
C211.25.R.05-07-A20-50-225	●	297,05	
C211.25.R.06-07-A20-32	●	332,72	
C211.25.R.06-07-B20-32	●	332,72	
C211.32.R.03-15-A-40	●	281,06	
C211.32.R.03-15-A-63-250	●	263,94	
C211.32.R.03-15-B25-40	●	281,06	
C211.32.R.03-15-B-40	●	281,06	
C211.32.R.04-11-A-40	●	291,20	
C211.32.R.04-11-A-64-250	●	291,20	
C211.32.R.04-11-B-40	●	291,20	
C211.32.R.05-11-A-40	●	309,14	
C211.32.R.05-11-A-50-165	●	309,14	
C211.32.R.05-11-B25-40	●	309,14	
C211.32.R.05-11-B-40	●	309,14	
C211.32.R.08-07-A25-40	●	362,24	
C211.32.R.08-07-B25-40	●	362,24	
C211.40.R.03-15-A32-50-275	●	292,54	
C211.40.R.04-15-A32-50	●	309,86	
C211.40.R.04-15-B32-50	●	309,86	
C211.40.R.06-11-B32-50	●	338,66	
<b>C211</b>			
			
<b>2B40</b>			
C211.40.R.06-11-B-50	●	338,66	
<b>C211...K</b>			
			
<b>2B40</b>			
C211.25.R.02K3-11-B-40	●	605,88	
C211.25.R.02K4-11-B-50	●	641,45	
C211.25.R.02K5-11-B-60	○	684,19	
C211.32.R.02K4-11-B-50	●	664,61	
C211.32.R.03K5-11-B-60	●	801,76	
C211.40.R.02K3-15-B32-60	●	737,80	
C211.40.R.03K4-11-B32-50	●	762,60	
C211.40.R.04K5-11-B32-60	●	919,32	
C211.50.R.03K4-15-B40-64	●	862,54	
<b>C212</b>			
			
<b>2B40</b>			
C212.20.R.01	●	317,03	
C212.25.R.01	●	346,55	
<b>C244</b>			
			
<b>2B40</b>			
C244.20.R.01	—	478,57	
C244.20.R.02	—	551,55	
C244.25.R.02	—	592,14	
C244.32.R.03	—	893,19	
C244.40.R.03	—	1194,10	
<b>C251</b>			
			
<b>2B40</b>			
C251.10.R.02-05-A-25-165-RS	●	177,53	
C251.10.R.02-05-A-45-165	—	177,53	
C251.10.R.02-05-B12-20-RS	●	183,89	
C251.12.R.03-05-A-32-165-RS	●	223,35	
C251.12.R.03-05-B16-25-RS	●	231,86	
C251.16.R.02-08-A-40-165-RS	●	183,89	
C251.16.R.02-08-B-32-RS	●	191,27	
C251.16.R.04-05	—	271,42	
C251.16.R.04-05-A	—	265,27	
C251.16.R.04-05-A-40-165-RS	●	265,27	
C251.16.R.04-05-B-32-RS	●	271,42	
C251.20.R.02-10-A-50-RS	●	203,67	
C251.20.R.02-10-A-50-200-RS	●	203,67	
C251.20.R.03-08-A-50-200-RS	●	235,65	
C251.20.R.03-08-A-60-RS	●	249,59	
C251.20.R.03-08-B-40-RS	●	243,03	
C251.20.R.05-05-A-50-165-RS	●	309,76	
C251.20.R.05-05-B-40-RS	●	315,91	
C251.25.R.02-12-B-30-RS	●	250,92	
C251.25.R.03-10-A E-81247	●	275,21	
C251.25.R.03-10-A-60-RS	●	275,21	

Designation	€ each	Designation	€ each
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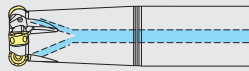
### C251



#### 2B40

C251.25.R.03-10-A-60-225-RS	●	257,89
C251.25.R.03-10-B-60	—	265,27
C251.25.R.03-10-B-60-RS	●	275,21
C251.25.R.04-08-A-60-RS	●	279,31
C251.25.R.04-08-A-60-225-RS	●	279,93
C251.25.R.04-08-B-50-RS	●	287,41
C251.32.R.03-12-A-40-RS	●	290,18
C251.32.R.03-12-B-40-RS	●	290,18
C251.32.R.04-10-A E-81248	●	309,76
C251.32.R.04-10-A-70-RS	●	309,76

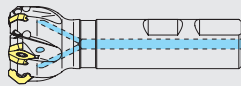
### C252



#### 2B40

C252.32.R.04-10-A-70	●	356,70
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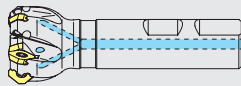
### C270



#### 2B40

C270.06.R.01-09	●	129,56
C270.12.R.01-09	●	143,09
C270.16.R.02-09	●	162,87
C270.20.R.03-09	●	207,26
C270.25.R.04-09	●	293,66
C270.32.R.05-09	●	345,43

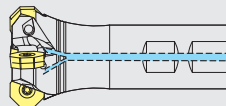
### C272



#### 2B40

C272.06.R.01-09	●	171,59
C272.08.R.01-09	●	171,59
C272.12.R.01-09	●	176,40
C272.16.R.02-09	●	217,20
C272.18.R.02-09	●	217,20
C272.25.R.03-09	●	254,10

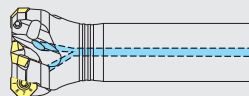
### C273



#### 2B40

C273.32.R.03-06-B-40	●	369,21
C273.40.R.04-06-B32-50	●	381,40

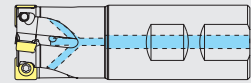
### C274



#### 2B40

C274.20.R.03-09-A-25	●	255,64
C274.20.R.03-09-B-25	●	255,64
C274.25.R.04-09-A20-32	●	291,20
C274.25.R.04-09-B20-32	●	291,20
C274.32.R.05-09-A25-40	●	326,77
C274.32.R.05-09-B25-40	●	326,77

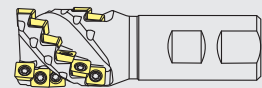
### C490



#### 2B40

C490.25.R.02-09-A20-40-165	●	267,53
C490.25.R.02-09-A-40-165	●	277,57
C490.25.R.03-09-B-32	●	290,08
C490.32.R.03-12-B-40	●	303,09
C490.32.R.04-09-B25-40	●	303,09
C490.32.R.04-09-B-40	●	314,57
C490.40.R.04-12-B32-50	●	334,87

### C490...K



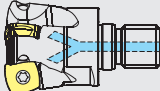
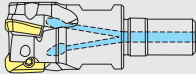
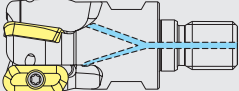
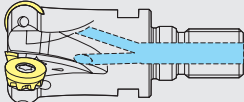
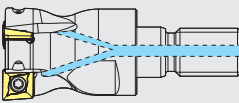
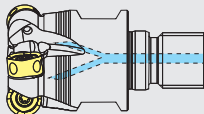
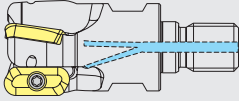
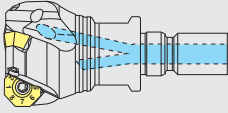
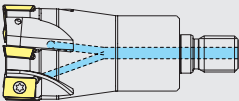
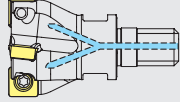
#### 2B40

C490.32.R.02K3-09-B-40	—	695,46
C490.40.R.03K6-09-B32-60	●	974,78



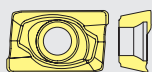
## Insert tools for milling

MaxiMill cutters with threaded shank

Designation	€ each	Designation	€ each
<b>GHFC</b> 		<b>G211</b> 	
<b>2B40</b>		<b>2B40</b>	
GHFC.16.R.02-06-27	● 219,86	G211.16.R.02-11	● 219,86
GHFC.20.R.03-06-33	● 249,59	G211.16.R.04-07	● 255,53
GHFC.25.R.02-09	● 263,22	G211.20.R.02-11	– 231,65
GHFC.25.R.03-09	● 282,49	G211.20.R.03-11	● 249,59
GHFC.25.R.04-06-35	● 279,31	G211.20.R.05-07	● 285,16
GHFC.32.R.02-12	● 276,03	G211.25.R.02-15	● 252,36
GHFC.32.R.03-09	● 295,20	G211.25.R.03-11	● 261,48
GHFC.32.R.05-06-35	● 309,14	G211.25.R.04-11	● 279,31
GHFC.35.R.03-12	● 295,20	G211.25.R.06-07	● 332,72
		G211.32.R.03-15	● 281,06
		G211.32.R.04K2-11-M16-43	● 501,23
		G211.32.R.04-11	● 291,20
		G211.32.R.05-11	● 309,14
		G211.32.R.08-07	● 362,24
		G211.40.R.04-15	● 309,86
		G211.40.R.06-11	● 338,66
<b>GHPC</b> 		<b>G251</b> 	
<b>2B40</b>		<b>2B40</b>	
GHPC.20.R.03-04	● 249,59	G251.20.R.02-10-RS	● 201,82
GHPC.25.R.04-04	● 279,31	G251.20.R.03-08-RS	● 249,59
GHPC.32.R.05-04	● 309,14	G251.20.R.05-05-RS	● 265,89
GHPC.40.R.06-04	● 338,66	G251.25.R.02-12-35-RS	● 195,78
		G251.25.R.03-10-RS	● 271,42
		G251.25.R.04-08-RS	● 279,31
		G251.25.R.06-05-RS	● 306,07
		G251.32.R.03-12-35-RS	● 238,83
		G251.32.R.04-10-RS	● 315,91
		G251.32.R.05-08-RS	● 339,69
		G251.32.R.07-05-RS	● 367,26
		G251.35.R.03-12-35-RS	● 238,83
		G251.42.R.04-12-42-RS	● 283,93
<b>GHPP</b> 		<b>G252</b> 	
<b>2B40</b>		<b>2B40</b>	
GHPP.16.R.02-06	● 263,12	G252.32.R.04-10	● 356,70
GHPP.20.R.03-06	● 299,10		
GHPP.25.R.02-09	● 318,26		
GHPP.32.R.04-09	● 379,46		
<b>GHSC</b> 		<b>G274</b> 	
<b>2B40</b>		<b>2B40</b>	
GHSC.16.R.02-11	● 255,43	G274.20.R.03-09	● 255,64
GHSC.18.R.02-11	● 261,58	G274.25.R.04-09	● 291,20
GHSC.20.R.02-11	● 275,11	G274.32.R.05-09	● 326,77
GHSC.25.R.02-19	● 300,94		
GHSC.25.R.03-11	● 309,76		
GHSC.32.R.03-11	● 322,06		
GHSC.32.R.03-19	● 389,91		
GHSC.40.R.03-11	● 338,05		
GHSC.40.R.03-19	● 414,51		
<b>G210</b> 		<b>G490</b> 	
<b>2B40</b>		<b>2B40</b>	
G210.16.R.02	● 255,43	G490.25.R.03-09	● 290,08
G210.20.R.03	● 273,88	G490.32.R.03-12	● 303,09
G210.25.R.04	● 336,82	G490.32.R.04-09	● 314,57
G210.32.R.05	● 407,13	G490.40.R.04-12	● 334,87

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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## ADKT



ADKT 1505PDSR - 29	CTP1235	1B61	●	14,65
ADKT 1505PDSR - 29	CTP2235	1B61	●	14,65
ADKT 1505PDSR - 29	GM43+	1B18	●	14,65
ADKT 1505PDSR - 29	SR226+	1B61	●	14,65

## APFT



APFT 1604PDSR - 29	GM43+	1B18	●	18,03
APFT 1604PDSR - 29	SR226+	1B61	●	18,69

## APHT



APHT 100302FR - 27P	AMZ	1A90	●	20,54
APHT 100302FR - 27P	H216T	1A90	●	17,16
APHT 100304FR - 27P	AMZ	1A90	●	20,54
APHT 100304FR - 27P	H216T	1A90	●	17,16
APHT 100308FR - 27P	AMZ	1A90	●	20,54
APHT 100308FR - 27P	H216T	1A90	●	17,16
APHT 100308SR - 33	GM246	1B61	●	18,14
APHT 100308SR - 33P	GM246	1B61	●	19,12
APHT 100312SR - 33	GM246	1B61	●	18,14
APHT 100320SR - 33	GM246	1B61	●	18,14
APHT 100332SR - 33	GM246	1B61	●	18,14

## APHW



APHW 100308SR	TCM10	1B79	–	18,14
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## APKT



APKT 1003PDSR - 29	CTP1235	1B61	●	11,48
APKT 1003PDSR - 29	GM43+	1B18	●	11,48
APKT 1003PDSR - 29	SR226+	1B61	●	11,48
APKT 1003PDSR - 29	S26T	1B17	–	9,23
APKT 1003PDSR - 29M	CTP1235	1B61	●	11,48
APKT 1003PDSR - 29M	GM43+	1B18	●	11,48
APKT 1003PDSR - 29M	SR226+	1B61	●	11,48
APKT 1003PDSR - 31	CTC3215	1B61	●	11,48
APKT 1604PDSR - 29	CTC5235	1HD4	●	16,50
APKT 1604PDSR - 29	GM43+	1B18	●	14,65
APKT 1604PDSR - 29	SR226+	1B61	●	14,65

## CNHT



CNHT 1005	CTP1625	1E59	●	26,99
CNHT 1005	H216T	1E59	●	23,28
CNHT 1205	CTP1625	1E59	●	28,19
CNHT 1205	H216T	1E59	●	24,04

## CNHW



CNHW 1005	CTP1625	1E59	●	22,73
CNHW 1005	H216T	1E59	●	19,44
CNHW 1205	CTP1625	1E59	●	24,04
CNHW 1205	H216T	1E59	●	20,43

## CPMT



CPMT 060304EN	GM43+	1B18	●	9,35
CPMT 09T308SN	GM43+	1B18	●	10,65
CPMT 09T308SN	S26T	1B17	○	8,95

## CPMW



CPMW 060304EN	SR216	1B18	●	8,95
CPMW 09T308EN	H216T	1B17	○	8,55
CPMW 09T308EN	SR216	1B18	●	10,13

## HNGX



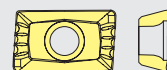
HNGX 090530EN - 31Q	CTC3215	1B18	●	24,04
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## HPEW



HPEW 090408EN	H216T	1B17	○	18,91
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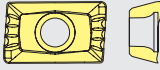
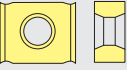



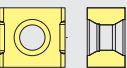


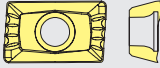
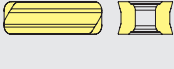




## LDFT







LDFT 1504PDSR - 29	CTP1235	1B61	●	17,26
LDFT 1504PDSR - 29	GM43+	1B18	●	17,26
LDFT 1504PDSR - 29	SR226+	1B61	●	17,92
LDFT 1504PDSR - 33	CTP2235	1B61	●	16,50
LDFT 1504PDSR - 33	GM246	1B61	●	16,50
LDFT 150405FR - 27P	AMZ	1A90	●	21,31
LDFT 150408ER	CTC5240	1HD4	●	21,75
LDFT 150408FR - P	H216T	1B17	●	16,50
LDFT 150408FR - 27P	H216T	1A90	●	17,92
LDFT 150416SR - 33	GM246	1B61	●	16,50



# Insert tools for milling



Inserts for milling

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
<b>LDFT</b> 				<b>LNET</b> 			
LDFT 150420SR-33	GM246	1B61	● 16,50	LNET 1235	CTP1625	1E59	● 21,42
LDFT 150432SR-33	GM246	1B61	● 16,50	LNET 1240	CTP1625	1E59	● 22,73
LDFT 150440SR-33	GM246	1B61	● 16,50	LNET 1240	H216T	1E59	● 19,01
				LNET 1245	CTP1625	1E59	● 22,84
				LNET 1245	H216T	1E59	● 19,34
				LNET 1250	CTP1625	1E59	● 22,84
				LNET 1250	H216T	1E59	● 19,34
<b>LDFW</b> 				<b>LNEX</b> 			
LDFW 1504PDSR	CTC3215	1B61	● 14,42	LNEX 121020EN	CTC3215	1B61	● 26,89
LDFW 1504PDSR	SR216	1B18	● 13,34	LNEX 121020EN	CTP3220	1B61	● 26,89
LDFW 1504PDSR	SR226+	1B61	● 14,42				
<b>LDHT</b> 				<b>LNHX</b> 			
LDHT 100204ER-29	GM43+	1B18	● 15,08	LNHX 1106PNER	CTC3215	1B61	● 23,38
LDHT 120404FR-27P	H216T	1A90	● 21,31	LNHX 1106PNER	CTP3220	1B61	● 23,38
LDHT 120408FR-27P	H216T	1A90	● 21,31	LNHX 1106PNER	TCC410	1B79	● 27,10
LDHT 120425FR-27P	H216T	1A90	● 21,31	LNHX 1106PNER-R50	CTC3215	1B61	● 23,38
LDHT 15T3PDSR-29	GM43+	1B18	● 15,62	LNHX 1106PNER-R50	CTP3220	1B61	● 23,38
LDHT 15T308FR	H216T	1B17	● 14,53	LNHX 1106ZZER-Q	CTC3215	1B61	● 23,38
LDHT 15T308FR-29	H216T	1B17	● 11,81	LNHX 110608EN-R50	CTP3220	1B61	● 23,38
				LNHX 121008EN-R50	CTP3220	1B61	● 29,22
				LNHX 121020SN	CTC3215	1B61	○ 29,22
				LNHX 121020SN	CTP3220	1B61	○ 29,22
<b>LDHW</b> 				<b>LNUC</b> 			
LDHW 15T308ER	CTC3215	1B61	● 13,34	LNUC 220920ER	CTC3215	1B61	● 54,53
LDHW 15T308ER	H216T	1B17	○ 10,93				
LDHW 15T308SR	GM43+	1B18	● 13,87				
LDHW 15T308SR	SR226+	1B61	● 14,42				
LDHW 15T308SR	TCM10	1B79	● 13,01				
<b>LDMT</b> 				<b>LNUJ</b> 			
LDMT 1504PDSR-29	GM43+	1B18	● 8,82	LNUJ 220920SR	CTC3215	1B61	● 54,53
LDMT 1504PDSR-29	SR226+	1B61	● 8,95	LNUJ 220920SR	CTP1235	1B61	○ 54,53
<b>LEHT</b> 				<b>LPHT</b> 			
LEHT 08T104ER-29	GM43+	1B18	○ 13,34	LPHT 200408ER-29	GM43+	1B18	● 23,49
<b>LEHW</b> 				<b>LPHW</b> 			
LEHW 08T104ER	GM43+	1B18	○ 10,13	LPHW 200408ER	H216T	1B17	○ 18,14
				LPHW 200408SR	GM43+	1B18	○ 21,75

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each		
<div>OAKU</div>				<div>RDHX</div>					
OAKU 060508ER - F40	CTC5235	1HD4	●	28,41	RDHX 0501MOEN - M31	CTC5235	1HD4	●	10,28
OAKU 060508ER - F40	CTC5240	1HD4	●	28,41	RDHX 0501MOFN	H216T	1B17	○	8,67
OAKU 060508SL - M50	CTC3215	1B61	●	22,18	RDHX 0501MOSN	GM43+	1B18	○	10,65
OAKU 060508SL - M50	CTP3220	1B61	●	22,18	RDHX 0501MOSN	SR226+	1B61	○	10,93
OAKU 060508SR - F50	CTP1235	1B61	●	22,18	RDHX 0802MOEN	CTC3215	1B61	●	11,15
OAKU 060508SR - F50	CTP2235	1B61	●	22,18	RDHX 0802MOEN - M31	CTC5235	1HD4	●	13,54
OAKU 060508SR - F50	SR226+	1B61	●	22,18	RDHX 0802MOEN - M31	CTC5240	1HD4	●	13,54
OAKU 060508SR - M50	CTC3215	1B61	●	22,18	RDHX 0802MOEN - 33	CTP2235	1B61	●	11,91
OAKU 060508SR - M50	CTP1235	1B61	●	22,18	RDHX 0802MOEN - 33	GM246	1B61	–	11,91
OAKU 060508SR - M50	CTP2235	1B61	●	22,18	RDHX 0802MOFN	H216T	1B17	○	8,95
OAKU 060508SR - M50	CTP3220	1B61	●	22,18	RDHX 0802MOSN	CTP1235	1B61	●	10,93
OAKU 060508SR - M50	SR226+	1B61	●	22,18	RDHX 0802MOSN	GM43+	1B18	●	10,93
OAKU 060508SR - R50	CTC3215	1B61	●	22,18	RDHX 0802MOSN	SR226+	1B61	●	11,15
OAKU 060508SR - R50	CTP3220	1B61	●	22,18	RDHX 0802M4EN - M31	CTC5235	1HD4	●	13,54
					RDHX 0802M4EN - M31	CTC5240	1HD4	●	13,54



<div>ODGX</div>				<div>RNHU</div>					
ODGX 1204ADSN	SR226+	1B18	○	20,10	RNHU 1004M4ER - M31	CTC5235	1HD4	●	22,95
					RNHU 1004M4ER - M31	CTC5240	1HD4	●	22,95
					RNHU 1004M4ER - M32	CTC5235	1HD4	●	22,95
					RNHU 1205M4ER - M31	CTC5235	1HD4	●	25,13
					RNHU 1205M4ER - M31	CTC5240	1HD4	●	25,13
					RNHU 1205M4ER - M32	CTC5235	1HD4	●	25,13



<div>OFHR</div>				<div>OFHT</div>					
OFHR 070410FN - 27P	H216T	1A90	○	20,98	OFHT 040305FN - F10	CTW4615	1B61	●	15,08
OFHR 070410SN - 33	GM246	1B61	○	21,63	OFHT 040305SN - F50	CTC5235	1HD4	●	16,06
					OFHT 040305SN - F50	CTC5240	1HD4	●	16,06
					OFHT 040305SN - F50	CTP1235	1B61	●	14,21
					OFHT 040305SN - F50	CTP2235	1B61	●	14,21
					OFHT 040305SN - F50	SR226+	1B61	●	14,21
					OFHT 040305SN - M50	CTC3215	1B61	●	14,21
					OFHT 040305SN - M50	CTP1235	1B61	●	14,21
					OFHT 040305SN - M50	CTP2235	1B61	●	14,21
					OFHT 040305SN - M50	SR226+	1B61	●	14,21
					OFHT 050410SN - F50	CTC5235	1HD4	●	17,67


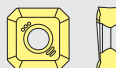
<div>OFHW</div>				<div>RPHX</div>					
OFHW 040302EN	CTC5235	1HD4	●	16,06	RPHX 10T3MOEN	CTC3215	1B61	●	11,58
OFHW 040302EN	CTC5240	1HD4	●	16,06	RPHX 10T3MOEN - 33	CTP2235	1B61	●	11,58
					RPHX 10T3MOEN - 33	GM246	1B61	●	11,58
					RPHX 10T3MOFN - 27P	H216T	1A90	●	13,22
					RPHX 10T3MOSN	CTP1235	1B61	●	11,58
					RPHX 10T3MOSN	GM43+	1B18	●	11,58
					RPHX 10T3MOSN	SR226+	1B61	●	11,58
					RPHX 10T3MOSN	TCM10	1B79	○	11,58
					RPHX 10T3M4EN - M31	CTC5235	1HD4	●	14,98
					RPHX 10T3M4EN - M31	CTC5240	1HD4	●	14,98
					RPHX 10T3M4EN - M32	CTC5235	1HD4	●	14,98
					RPHX 10T3M8EN - M31	CTC5235	1HD4	●	14,98
					RPHX 10T3M8EN - M31	CTC5240	1HD4	●	14,98
					RPHX 1204MOEN - 33	CTP2235	1B61	●	12,68
					RPHX 1204MOFN - 33	GM246	1B61	●	12,68
					RPHX 1204MOFN - 27P	H216T	1A90	●	14,65
					RPHX 1204MOSN	CTC3215	1B61	●	12,68
					RPHX 1204MOSN	CTP1235	1B61	●	12,68
					RPHX 1204MOSN	GM43+	1B18	●	12,68
					RPHX 1204MOSN	SR226+	1B61	●	12,68
					RPHX 1204MOSN	TCM10	1B79	●	12,68
					RPHX 1204M4EN	CTC5235	1HD4	●	16,50
					RPHX 1204M4EN - M31	CTC5235	1HD4	●	16,50
					RPHX 1204M4EN - M31	CTC5240	1HD4	●	16,50
					RPHX 1204M4EN - M32	CTC5235	1HD4	●	16,50
					RPHX 1204M6EN - M31	CTC5235	1HD4	●	16,50
					RPHX 1204M6EN - M31	CTC5240	1HD4	●	16,50
					RPHX 1204M8EN - M31	CTC5235	1HD4	●	16,50
					RPHX 1204M8EN - M31	CTC5240	1HD4	●	16,50



# Insert tools for milling

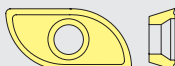
Inserts for milling

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each		
<div>RPHX</div>				<div>R10D</div>					
RPHX 1605MOEN-33	CTP2235	1B61	●	17,26	R10D 0602ZZER	CTP1235	1B18	●	14,21
RPHX 1605MOEN-33	GM246	1B61	●	17,26					
RPHX 1605MOFN-27P	H216T	1A90	●	20,00					
RPHX 1605MOSN	CTC3215	1B61	●	17,26					
RPHX 1605MOSN	CTP1235	1B61	●	17,26					
RPHX 1605MOSN	GM43+	1B18	●	17,26					
RPHX 1605MOSN	SR226+	1B61	●	17,26					
RPHX 1605M8EN-M31	CTC5235	1HD4	●	22,51					
RPHX 1605M8EN-M31	CTC5240	1HD4	●	22,51					
RPHX 2006MOSN-33M	CTP2235	1B61	●	21,85					
RPHX 2006MOSN-33M	GM246	1B18	●	21,85					
RPHX 2006M4EN-M31	CTC5235	1HD4	○	28,52					

<div>RPMT</div>					<div>R12D</div>				
RPMT 120400EN	SR216	1B18	○	11,36	R12D 0803ZZSR	CTP1235	1B18	●	14,86
RPMT 120400SN	GM43+	1B18	●	11,36					
RPMT 120400SN-29	GM43+	1B18	●	11,36					
RPMT 120400SN-29	SR226+	1B61	●	11,36					

<div>RPNX</div>					<div>SAKU</div>				
RPNX 10T3MOSN-29	GM43+	1B18	●	8,67	SAKU 1706ABSR-F50	CTC5235	1HD4	●	33,15
RPNX 10T3MOSN-29	SR226+	1B61	●	8,82	SAKU 1706ABSR-F50	CTP1235	1B61	●	26,29
RPNX 10T3M4EN-M31	CTC5235	1HD4	●	12,45	SAKU 1706ABSR-F50	SR226+	1B61	●	26,29
RPNX 10T3M8EN-M31	CTC5235	1HD4	●	12,45	SAKU 1706ABSR-M50	CTC3215	1B61	●	26,29
RPNX 1204MOSN	GM43+	1B18	●	9,98	SAKU 1706ABSR-M50	CTP1235	1B61	●	26,29
RPNX 1204MOSN	SR226+	1B61	●	10,13	SAKU 1706ABSR-M50	CTP3220	1B61	●	26,29
RPNX 1204MOSN-29	GM43+	1B18	●	9,98	SAKU 1706ABSR-M50	SR226+	1B61	●	26,29
RPNX 1204MOSN-29	SR226+	1B61	●	10,13	SAKU 1706ABSR-R50	CTC3215	1B61	●	26,29
RPNX 1204M4EN-M31	CTC5235	1HD4	●	14,65	SAKU 1706ABSR-R50	CTP3220	1B61	●	26,29
RPNX 1204M8EN-M31	CTC5235	1HD4	●	14,65					
RPNX 1204M8EN-R60	CTP6215	1B61	●	10,93					
RPNX 1605MOSN	SR226+	1B61	●	13,77					
RPNX 1605MOSN-29	GM43+	1B18	●	13,44					
RPNX 1605MOSN-29	SR226+	1B61	●	13,77					
RPNX 2006MOSN-33R	GM246	1B61	●	17,92					
RPNX 2006M8EN-M31	CTC5235	1HD4	●	22,51					
RPNX 2006M8EN-M31	CTC5240	1HD4	●	22,51					

<div>R06E</div>					<div>SDHT</div>				
R06E 0602ZZER	CTP1235	1B18	●	14,21	SDHT 09T308ER-27	CTC5240	1HD4	●	20,10
					SDHT 09T308FR-27P	AMZ	1A90	●	17,05
					SDHT 09T308FR-27P	H216T	1A90	●	14,21
					SDHT 09T308SR	TCM10	1B79	○	14,21
					SDHT 0903AEFN-27P	AMZ	1A90	●	17,05
					SDHT 0903AEFN-27P	H216T	1A90	●	14,21
					SDHT 0903AESN-M31	CTC5235	1HD4	●	18,14
					SDHT 0903AESN-M31	CTC5240	1HD4	●	18,14
					SDHT 0903AESN-33	CTP2235	1B61	●	14,21
					SDHT 0903AESN-33	GM246	1B61	●	14,21
					SDHT 0903AESN-33P	GM246	1B61	●	14,98
					SDHT 1204AEFN-27	H216T	1A90	●	15,52
					SDHT 1204AEFN-27P	H216T	1A90	●	15,52
					SDHT 1204AESN	S26T	1B17	○	12,89
					SDHT 1204AESN	TCM10	1B79	●	15,52
					SDHT 1204AESN-M31	CTC5235	1HD4	●	20,87
					SDHT 1204AESN-M31	CTC5240	1HD4	●	20,87
					SDHT 1204AESN-R	GM43+	1B18	●	15,08
					SDHT 1204AESN-R	SR226+	1B61	●	15,52
					SDHT 1204AESN-33	CTP2235	1B61	●	15,52
					SDHT 1204AESN-33	GM246	1B61	●	15,52
					SDHT 120508FR-27P	AMZ	1A90	○	20,43
					SDHT 120508FR-27P	H216T	1A90	●	16,50
					SDHT 120512SR-33	CTP2235	1B61	●	16,50
					SDHT 120512SR-33	GM246	1B61	●	16,50
					SDHT 120520SR-33	GM246	1B61	●	16,50




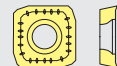
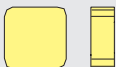


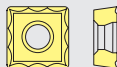


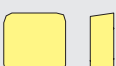

<div>R08E</div>				
R08E 0803ZZSR	CTP1235	1B18	●	14,21


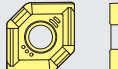



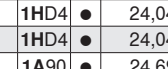
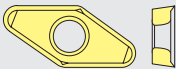
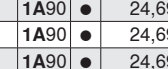



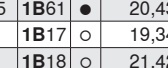






# Insert tools for milling

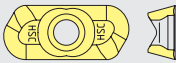
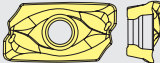
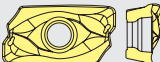
Inserts for milling

Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
<b>SFHT</b> 					<b>SPKR</b> 				
SFHT 0903AFER - F40	CTC5240	1HD4	●	18,14	SPKR 1203EDFR	H216T	1B17	○	12,68
SFHT 0903AFFR - F10	CTW4615	1B61	●	17,05	SPKR 1203EDSR - 29	GM43+	1B18	●	13,99
SFHT 0903AFSR - F50	CTC5235	1HD4	●	18,14	SPKR 1203EDSR - 29	SR226+	1B18	○	14,42
SFHT 0903AFSR - F50	CTP1235	1B61	●	14,21					
SFHT 0903AFSR - F50	CTP2235	1B61	●	14,21					
SFHT 0903AFSR - F50	SR226+	1B61	●	14,21					
<b>SFKT</b> 					<b>SPKT</b> 				
SFKT 0903AFSR - M50	CTP1235	1B61	●	10,48	SPKT 1204EDSR - 29	SR226+	1B61	●	14,98
SFKT 0903AFSR - M50	SR226+	1B61	●	10,48					
SFKT 0903AFSR - R50	CTC3215	1B61	●	10,48					
SFKT 0903AFSR - R50	CTP3220	1B61	●	10,48					
SFKT 1204AFSR - M50	CTP1235	1B61	●	11,53					
SFKT 1204AFSR - M50	CTP2235	1B61	●	11,53					
<b>SNKN</b> 					<b>SPKW</b> 				
SNKN 1204ENEN	SR216	1B18	○	15,85	SPKW 1204EDER	CTC3215	1B61	●	13,99
					SPKW 1204EDSR	GM43+	1B18	○	14,75
<b>SPEX</b> 					<b>SPMT</b> 				
SPEX 1203EDER - 1	SR216	1B18	○	14,21	SPMT 070308SN - 33	GM246	1B61	●	13,87
SPEX 1204EETR	H216T	1B17	●	12,24	SPMT 090308SN	GM43+	1B18	●	10,65
					SPMT 120408EN	H216T	1B17	○	11,03
					SPMT 120408EN	SR216	1B18	●	13,22
					SPMT 120408SN	GM43+	1B18	●	13,87
					SPMT 120408SN - 33	GM246	1B61	●	14,21
<b>SPGW</b> 					<b>TC</b> 				
SPGW 050204EN	S26T	1B17	●	12,45	TC 1103ER160	GM43	1E57	○	49,61
					TC 1103ER185	GM43	1E57	○	49,61
					TC 1103ER215	GM43	1E57	○	49,61
					TC 1103ER265	GM43	1E57	○	49,61
					TC 16T3ER110	GM43	1E57	○	51,47
					TC 16T3ER130	GM43	1E57	○	51,47
					TC 16T3ER160	GM43	1E57	○	51,47
<b>SPKN</b> 					<b>TNHF</b> 				
SPKN 1203EDER	CTC3215	1B61	●	13,34	TNHF 1204ANEN - 31	SR216	1B18	●	16,83
SPKN 1203EDER	H216T	1B17	●	12,02	TNHF 1204ANEN - 31M	SR216	1B18	●	18,69
SPKN 1203EDER	SR216	1B18	●	13,34	TNHF 1204ANSN - 31	SR216	1B18	○	16,83
SPKN 1203EDSR	GM43+	1B18	●	13,99	TNHF 1204ANSN - 31Q	CTC3215	1B18	●	18,69
SPKN 1203EDSR	SR226+	1B61	●	14,42					
SPKN 1203EDSR	S26T	1B17	●	12,02					
SPKN 1504EDSR	GM43+	1B18	●	21,31					
SPKN 1504EDSR	SR226+	1B61	○	23,17					
SPKN 1504EDSR	S26T	1B17	○	17,70					

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each		
<b>TPKN</b> 				<b>XAHT</b> 					
TPKN 1603PPER	SR216	1B18	○	10,56	XAHT 060525SL-M50	CTC3215	1B61	○	27,45
TPKN 1603PPSR	GM43+	1B18	●	11,25	XAHT 060525SR-M50	CTC3215	1B61	●	27,45
TPKN 1603PPSR	SR226+	1B61	●	11,36	XAHT 060525SR-M50	CTP1235	1B61	●	27,45
TPKN 1603PPSR	S26T	1B17	●	8,77	XAHT 060525SR-M50	CTP2235	1B61	●	27,45
TPKN 2204PDER	SR216	1B18	●	16,06	XAHT 060525SR-M50	CTP3220	1B61	●	27,45
TPKN 2204PDSR	GM43+	1B18	●	17,05	XAHT 060525SR-M50	SR226+	1B61	●	27,45
TPKN 2204PDSR	SR226+	1B61	●	17,26					
TPKN 2204PDSR	S26T	1B17	●	13,99					
<b>TPKR</b> 				<b>XDHT</b> 					
TPKR 1603PPSR-29	GM43+	1B18	●	11,81	XDHT 11T302FR-27P	H216T	1HD4	●	24,04
TPKR 1603PPSR-29	SR226+	1B61	○	12,02	XDHT 11T304FR-27P	H216T	1HD4	●	24,04
TPKR 2204PDSR-29	GM43+	1B18	●	17,70	XDHT 11T308FR-27P	H216T	1HD4	●	24,04
TPKR 2204PDSR-29	SR226+	1B61	●	18,03	XDHT 11T312FR-27P	H216T	1HD4	●	24,04
<b>TPKW</b> 				<b>XDHT</b> 					
TPKW 16T3PPSR	GM43+	1B18	●	11,15	XDHT 11T316FR-27P	H216T	1HD4	●	24,04
TPKW 2204PDER	H216T	1B17	○	14,09	XDHT 11T320FR-27P	H216T	1HD4	●	24,04
TPKW 2204PDSR	GM43+	1B18	●	17,05	XDHT 11T325FR-27P	H216T	1HD4	●	24,04
<b>VCGT</b> 				<b>XDHT</b> 					
VCGT 220530FN-27MP	H216T	1A90	●	23,28	XDHT 11T332FR-27P	H216T	1HD4	●	24,04
<b>VCGX</b> 				<b>XDHT</b> 					
VCGX 220530FN-27MP	H216T	1A90	○	23,28	XDHT 11T340FR-27P	H216T	1HD4	●	24,04
<b>WPHT</b> 				<b>XDHT</b> 					
WPHT 0603PDSR-29	GM43+	1B18	●	17,59	XDHT 11T350FR-27P	H216T	1HD4	●	24,04
WPHT 0603PDSR-29	SR226+	1B61	●	18,25	XDHT 190402FR-27P	H216T	1A90	●	24,69
WPHT 0603PDSR-29	TCM10	1B79	●	17,05	XDHT 190404FR-27P	H216T	1A90	●	24,69
WPHT 0603PDSR-31	CTC3215	1B61	○	17,05	XDHT 190408FR-27P	H216T	1A90	●	24,69
WPHT 0603PDSR-33	GM246	1B61	●	18,25	XDHT 190412FR-27P	H216T	1A90	●	24,69
<b>WPMT</b> 				<b>XDHW</b> 					
WPMT 0603PDSR-29	SR226+	1B61	○	13,44	XDHW 0903AEEN	CTC3215	1B18	●	16,93
					XDHW 0903AEFN	H216T	1B17	○	14,98
					XDHW 0903AESN	GM43+	1B18	○	17,49
					XDHW 0903AESN	SR226+	1B61	○	18,36
					XDHW 0903AESN	TCM10	1B79	●	15,62
					XDHW 1204AEEN	CTC3215	1B61	●	20,43
					XDHW 1204AEFN	H216T	1B17	○	19,34
					XDHW 1204AESN	GM43+	1B18	○	21,42
					XDHW 1204AESN	SR226+	1B61	○	22,08
					XDHW 1204AESN	TCM10	1B79	●	20,43

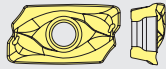
# Insert tools for milling

Inserts for milling

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
<b>XDHX</b> 				<b>XDKT</b> 			
XDHX 190402FR-27P	H216T	1HD4 ●	32,24	XDKT 11T308SR-R50	CTP1235	1B61 ●	12,68
XDHX 190404FR-27P	H216T	1HD4 ●	32,24	XDKT 11T308SR-R50	CTP2235	1B61 ●	12,68
XDHX 190408FR-27P	H216T	1HD4 ●	32,24	XDKT 11T308SR-R50	GM246	1B61 ●	12,68
XDHX 190412FR-27P	H216T	1HD4 ○	32,24	XDKT 11T308SR-R50	GM43+	1B61 ●	12,68
XDHX 190416FR-27P	H216T	1HD4 ○	32,24	XDKT 11T308SR-R50	SR226+	1B61 ●	12,68
XDHX 190420FR-27P	H216T	1HD4 ●	32,24	XDKT 11T308SR-R60	CTP6215	1B61 ●	16,40
XDHX 190425FR-27P	H216T	1HD4 ○	32,24	XDKT 11T312ER-F40	CTC5235	1HD4 ●	16,73
XDHX 190432FR-27P	H216T	1HD4 ●	32,24	XDKT 11T312ER-F40	CTC5240	1HD4 ●	16,73
XDHX 190440FR-27P	H216T	1HD4 ●	32,24	XDKT 11T312SR-F50	CTP2235	1B61 ●	12,68
XDHX 190450FR-27P	H216T	1HD4 ○	32,24	XDKT 11T312SR-F50	GM246	1B61 ●	12,68
<b>XDKT</b> 				XDKT 11T312SR-M50	CTP2235	1B61 ●	12,68
XDKT 070304ER-F40	CTC5235	1HD4 ●	12,78	XDKT 11T312SR-R50	CTP2235	1B61 ●	12,68
XDKT 070304ER-F40	CTC5240	1HD4 ●	12,78	XDKT 11T312SR-R50	GM246	1B61 ●	12,68
XDKT 070304FR-F20	CTW4615	1A90 ●	12,02	XDKT 11T316ER-F40	CTC5235	1HD4 ●	16,73
XDKT 070304SR-F50	CTP1235	1B61 ●	10,44	XDKT 11T316ER-F40	CTC5240	1HD4 ●	16,73
XDKT 070304SR-F50	CTP2235	1B61 ●	10,44	XDKT 11T320ER-F40	CTC5235	1HD4 ●	16,73
XDKT 070304SR-F50	SR226+	1B61 ●	10,44	XDKT 11T320FR-F20	CTW4615	1A90 ●	15,95
XDKT 070304SR-M50	CTP1235	1B61 ●	10,44	XDKT 11T320SR-F50	CTP1235	1B61 ●	12,68
XDKT 070304SR-M50	CTP2235	1B61 ●	10,44	XDKT 11T320SR-F50	CTP2235	1B61 ●	12,68
XDKT 070304SR-M50	SR226+	1B61 ●	10,44	XDKT 11T320SR-F50	GM246	1B61 ●	12,68
XDKT 070308ER-F40	CTC5235	1HD4 ●	12,78	XDKT 11T320SR-F50	GM43+	1B61 ●	12,68
XDKT 070308ER-F40	CTC5240	1HD4 ●	12,78	XDKT 11T320SR-F50	SR226+	1B61 ●	12,68
XDKT 070308FR-F20	CTW4615	1A90 ●	12,02	XDKT 11T320SR-M50	CTP1235	1B61 ●	12,68
XDKT 070308SR-F50	CTP1235	1B61 ●	10,44	XDKT 11T320SR-M50	CTP2235	1B61 ●	12,68
XDKT 070308SR-F50	CTP2235	1B61 ●	10,44	XDKT 11T320SR-M50	GM43+	1B61 ●	12,68
XDKT 070308SR-F50	SR226+	1B61 ●	10,44	XDKT 11T320SR-M50	SR226+	1B61 ●	12,68
XDKT 070308SR-M50	CTP1235	1B61 ●	10,44	XDKT 11T320SR-R50	CTP1235	1B61 ●	12,68
XDKT 070308SR-M50	CTP2235	1B61 ●	10,44	XDKT 11T320SR-R50	CTP2235	1B61 ●	12,68
XDKT 070308SR-M50	SR226+	1B61 ●	10,44	XDKT 11T320SR-R50	GM43+	1B61 ●	12,68
XDKT 11T302FR-F20	CTW4615	1A90 ●	15,95	XDKT 11T320SR-R50	SR226+	1B61 ○	12,68
XDKT 11T304ER-F40	CTC5235	1HD4 ●	16,73	XDKT 11T325ER-F40	CTC5235	1HD4 ●	16,73
XDKT 11T304ER-F40	CTC5240	1HD4 ●	16,73	XDKT 11T325ER-F40	CTC5240	1HD4 ●	16,73
XDKT 11T304FR-F20	CTW4615	1A90 ●	15,95	XDKT 11T325FR-F20	CTW4615	1A90 ●	15,95
XDKT 11T304SR-F50	CTP1235	1B61 ●	12,68	XDKT 11T325SR-F50	CTP1235	1B61 ●	12,68
XDKT 11T304SR-F50	GM43+	1B61 ●	12,68	XDKT 11T325SR-F50	GM43+	1B61 ●	12,68
XDKT 11T304SR-F50	SR226+	1B61 ●	12,68	XDKT 11T325SR-F50	SR226+	1B61 ●	12,68
XDKT 11T304SR-M50	CTC3215	1B61 ●	12,68	XDKT 11T325SR-M50	CTP1235	1B61 ●	12,68
XDKT 11T304SR-M50	CTP1235	1B61 ●	12,68	XDKT 11T325SR-M50	GM43+	1B61 ●	12,68
XDKT 11T304SR-M50	GM43+	1B61 ●	12,68	XDKT 11T325SR-R50	CTP1235	1B61 ●	12,68
XDKT 11T304SR-M50	SR226+	1B61 ●	12,68	XDKT 11T325SR-R50	GM43+	1B61 ●	12,68
XDKT 11T304SR-R50	CTP1235	1B61 ●	12,68	XDKT 11T325SR-R50	SR226+	1B61 ●	12,68
XDKT 11T304SR-R50	GM43+	1B61 ●	12,68	XDKT 11T332ER-F40	CTC5235	1HD4 ●	16,73
XDKT 11T304SR-R50	SR226+	1B61 ●	12,68	XDKT 11T332ER-F40	CTC5240	1HD4 ●	16,73
XDKT 11T308ER-F40	CTC5235	1HD4 ●	16,73	XDKT 11T332SR-F50	CTP2235	1B61 ●	12,68
XDKT 11T308ER-F40	CTC5240	1HD4 ●	16,73	XDKT 11T332SR-F50	GM246	1B61 ●	12,68
XDKT 11T308FR-F20	CTW4615	1A90 ●	15,95	XDKT 11T332SR-M50	CTP2235	1B61 ●	12,68
XDKT 11T308SR-F50	CTP1235	1B61 ●	12,68	XDKT 11T332SR-R50	CTP2235	1B61 ●	12,68
XDKT 11T308SR-F50	CTP2235	1B61 ●	12,68	XDKT 11T332SR-R50	GM246	1B61 ●	12,68
XDKT 11T308SR-F50	GM246	1B61 ●	12,68	XDKT 11T340ER-F40	CTC5235	1HD4 ●	16,73
XDKT 11T308SR-F50	GM43+	1B61 ●	12,68	XDKT 11T340ER-F40	CTC5240	1HD4 ●	16,73
XDKT 11T308SR-F50	SR226+	1B61 ●	12,68	XDKT 150508ER-F40	CTC5235	1HD4 ●	20,87
XDKT 11T308SR-M50	CTC3215	1B61 ●	12,68	XDKT 150508ER-F40	CTC5240	1HD4 ●	20,87
XDKT 11T308SR-M50	CTP1235	1B61 ●	12,68	XDKT 150508FR-F20	CTW4615	1A90 ●	20,00
XDKT 11T308SR-M50	CTP2235	1B61 ●	12,68	XDKT 150508SR-F50	CTP1235	1B61 ●	16,93
XDKT 11T308SR-M50	GM43+	1B61 ●	12,68	XDKT 150508SR-F50	CTP2235	1B61 ●	16,93
XDKT 11T308SR-M50	SR226+	1B61 ●	12,68	XDKT 150508SR-F50	SR226+	1B61 ●	16,93
XDKT 11T308SR-R50	CTC3215	1B61 ●	12,68	XDKT 150508SR-M50	CTC3215	1B61 ●	16,93
				XDKT 150508SR-M50	CTP1235	1B61 ●	16,93
				XDKT 150508SR-M50	CTP2235	1B61 ●	16,93
				XDKT 150508SR-M50	CTP3220	1B61 ●	16,93

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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## XDKT



XDKT 150508SR-M50	SR226+	1B61	●	16,93
XDKT 150508SR-R50	CTC3215	1B61	●	16,93
XDKT 150508SR-R50	CTP1235	1B61	●	16,93
XDKT 150508SR-R50	CTP3220	1B61	●	16,93
XDKT 150508SR-R50	SR226+	1B61	○	16,93
XDKT 150508SR-R60	CTP6215	1B61	●	16,93
XDKT 150520SR-M50	CTP1235	1B61	○	16,93
XDKT 150520SR-M50	SR226+	1B61	●	16,93
XDKT 150520SR-R50	CTP1235	1B61	○	16,93
XDKT 150520SR-R50	SR226+	1B61	●	16,93
XDKT 150532ER-F40	CTC5235	1HD4	●	20,87
XDKT 150532ER-F40	CTC5240	1HD4	●	20,87
XDKT 150540ER-F40	CTC5235	1HD4	●	20,87
XDKT 150540ER-F40	CTC5240	1HD4	●	20,87
XDKT 200708ER-F40	CTC5235	1HD4	●	24,69
XDKT 200708ER-F40	CTC5240	1HD4	●	24,69
XDKT 200732ER-F40	CTC5235	1HD4	●	24,69
XDKT 200732ER-F40	CTC5240	1HD4	●	24,69

## XDLX



XDLX 09T308ER-F40	CTC5235	1HD4	●	14,21
XDLX 09T308ER-F40	CTC5240	1HD4	●	14,21
XDLX 09T308SR-M50	CTC3215	1B61	●	11,48
XDLX 09T308SR-M50	CTP1235	1B61	●	11,48
XDLX 09T308SR-M50	CTP2235	1B61	●	11,48
XDLX 09T308SR-M50	SR226+	1B61	●	11,48

## XOLX



XOLX 120410ER-F40	CTC5235	1HD4	●	16,61
XOLX 120410ER-F40	CTC5240	1HD4	●	16,61
XOLX 120410SR-M50	CTC3215	1B61	○	13,77
XOLX 120410SR-M50	CTP1235	1B61	●	13,77
XOLX 120410SR-M50	CTP2235	1B61	●	13,77
XOLX 120410SR-M50	SR226+	1B61	●	13,77
XOLX 120410SR-R50	CTP1235	1B61	●	13,77

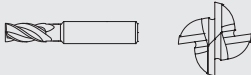
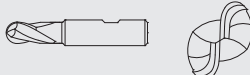
## XPLX





XPLX 060305ER-F40	CTC5235	1HD4	●	13,94
XPLX 060305ER-F40	CTC5240	1HD4	●	13,94
XPLX 060305SR-M50	CTC3215	1B61	●	11,14
XPLX 060305SR-M50	CTP1235	1B61	●	11,14
XPLX 060305SR-M50	CTP2235	1B61	●	11,14


# Solid carbide tools


## Milling

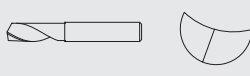
Designation	Grade	PG	€ each	Designation	Grade	PG	€ each		
<b>WD451</b> <div></div>				<b>W0216</b> <div></div>					
HPC-SF.V.D451.0600.L.Z4.F0010A.HA	SCPX210	G7	●	116,50	VR.AL.0216.0300.S.Z2.R0150.HB	SCWN225	G6	●	25,30
HPC-SF.V.D451.0800.L.Z4.F0020A.HA	SCPX210	G7	●	151,00	VR.AL.0216.0400.S.Z2.R0200.HB	SCWN225	G6	●	24,90
HPC-SF.V.D451.1000.L.Z4.F0020A.HA	SCPX210	G7	●	197,00	VR.AL.0216.0500.S.Z2.R0250.HB	SCWN225	G6	●	25,30
HPC-SF.V.D451.1200.L.Z4.F0030A.HA	SCPX210	G7	●	217,00	VR.AL.0216.0600.S.Z2.R0300.HB	SCWN225	G6	●	24,90
HPC-SF.V.D451.1600.L.Z4.F0030A.HA	SCPX210	G7	●	301,40	VR.AL.0216.0700.S.Z2.R0350.HB	SCWN225	G6	●	32,40
HPC-SF.V.D451.2000.L.Z4.F0030A.HA	SCPX210	G7	●	399,50	VR.AL.0216.0800.S.Z2.R0400.HB	SCWN225	G6	●	29,30

<b>WD828</b> <div></div>				
R.V.D828.0400.L.S.HA	SCPX210	G7	●	67,00
R.V.D828.0500.L.S.HA	SCPX210	G7	●	69,50
R.V.D828.0600.L.S.HA	SCPX210	G7	●	70,50
R.V.D828.0800.L.S.HA	SCPX210	G7	●	97,00
R.V.D828.1000.L.S.HA	SCPX210	G7	●	116,50
R.V.D828.1200.L.S.HA	SCPX210	G7	●	169,00
R.V.D828.1600.L.S.HA	SCPX210	G7	●	245,50
R.V.D828.2000.L.S.HA	SCPX210	G7	●	302,00

<b>WD830</b> <div></div>				
R.V.D830.0400.L.HA	SCPX210	G7	●	67,00
R.V.D830.0500.L.HA	SCPX210	G7	●	69,50
R.V.D830.0600.L.HA	SCPX210	G7	●	70,50
R.V.D830.0800.L.HA	SCPX210	G7	●	97,00
R.V.D830.1000.L.HA	SCPX210	G7	●	116,50
R.V.D830.1200.L.HA	SCPX210	G7	●	139,00
R.V.D830.1600.L.HA	SCPX210	G7	●	245,50
R.V.D830.2000.L.HA	SCPX210	G7	●	302,00

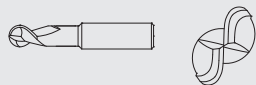
<b>WD860</b> <div></div>				
SRS.V.D860.0400.L.Z6.F.HA	SCPX210	G7	●	90,00
SRS.V.D860.0500.L.Z6.F.HA	SCPX210	G7	●	90,00
SRS.V.D860.0600.L.Z6.F.HA	SCPX210	G7	●	95,00
SRS.V.D860.0800.L.Z6.F.HA	SCPX210	G7	●	135,50
SRS.V.D860.1000.L.Z6.F.HA	SCPX210	G7	●	151,00
SRS.V.D860.1200.L.Z6.F.HA	SCPX210	G7	●	180,00
SRS.V.D860.1600.L.Z6.F.HA	SCPX210	G7	●	268,00
SRS.V.D860.2000.L.Z6.F.HA	SCPX210	G7	●	477,00

<b>W0224</b> <div></div>				
SF.AL.0224.0200.L.Z2.F0005A.HA	SCWN225	G6	●	25,10
SF.AL.0224.0300.L.Z2.F0010A.HA	SCWN225	G6	●	25,10
SF.AL.0224.0400.L.Z2.F0010A.HA	SCWN225	G6	●	25,10
SF.AL.0224.0500.L.Z2.F0010A.HA	SCWN225	G6	●	25,10
SF.AL.0224.0600.L.Z2.F0010A.HA	SCWN225	G6	●	25,10
SF.AL.0224.0800.L.Z2.F0010A.HA	SCWN225	G6	●	28,80
SF.AL.0224.1000.L.Z2.F0010A.HA	SCWN225	G6	●	50,00
SF.AL.0224.1200.L.Z2.F0010A.HA	SCWN225	G6	●	69,30
SF.AL.0224.1400.L.Z2.F0010A.HA	SCWN225	G6	●	88,90
SF.AL.0224.1600.L.Z2.F0010A.HA	SCWN225	G6	●	113,30
SF.AL.0224.1800.L.Z2.F0010A.HA	SCWN225	G6	●	135,00
SF.AL.0224.2000.L.Z2.F0010A.HA	SCWN225	G6	●	182,40

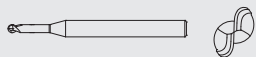
<b>W0228</b> <div></div>				
EZ.AL.0228.0300.L.Z1.S.HA	SCWN225	G6	●	27,30
EZ.AL.0228.0400.L.Z1.S.HA	SCWN225	G6	●	30,50
EZ.AL.0228.0500.L.Z1.S.HA	SCWN225	G6	●	34,50
EZ.AL.0228.0600.L.Z1.S.HA	SCWN225	G6	●	37,50
EZ.AL.0228.0800.L.Z1.S.HA	SCWN225	G6	●	53,00
EZ.AL.0228.1000.L.Z1.S.HA	SCWN225	G6	●	84,00
EZ.AL.0228.1200.L.Z1.S.HA	SCWN225	G6	●	114,00



Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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**W0238**

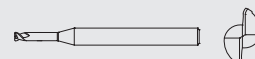
VR.AL.0238.0300.L.Z2.R0150.HA	SCPN235	G6	●	59,60
VR.AL.0238.0300.OL.Z2.R0150.HA	SCPN235	G6	●	95,40
VR.AL.0238.0300.S.Z2.R0150.HA	SCPN235	G6	●	41,20
VR.AL.0238.0400.L.Z2.R0200.HA	SCPN235	G6	●	68,90
VR.AL.0238.0400.OL.Z2.R0200.HA	SCPN235	G6	●	100,20
VR.AL.0238.0400.S.Z2.R0200.HA	SCPN235	G6	●	49,10
VR.AL.0238.0500.L.Z2.R0250.HA	SCPN235	G6	●	79,30
VR.AL.0238.0500.S.Z2.R0250.HA	SCPN235	G6	●	54,60
VR.AL.0238.0600.L.Z2.R0300.HA	SCPN235	G6	●	72,50
VR.AL.0238.0600.OL.Z2.R0300.HA	SCPN235	G6	●	116,00
VR.AL.0238.0600.S.Z2.R0300.HA	SCPN235	G6	●	53,30
VR.AL.0238.0800.L.Z2.R0400.HA	SCPN235	G6	●	100,50
VR.AL.0238.0800.OL.Z2.R0400.HA	SCPN235	G6	●	160,00
VR.AL.0238.0800.S.Z2.R0400.HA	SCPN235	G6	●	68,00
VR.AL.0238.1000.L.Z2.R0500.HA	SCPN235	G6	●	133,90
VR.AL.0238.1000.OL.Z2.R0500.HA	SCPN235	G6	●	175,80
VR.AL.0238.1000.S.Z2.R0500.HA	SCPN235	G6	●	89,20
VR.AL.0238.1200.L.Z2.R0600.HA	SCPN235	G6	●	173,10
VR.AL.0238.1200.OL.Z2.R0600.HA	SCPN235	G6	●	277,00
VR.AL.0238.1200.S.Z2.R0600.HA	SCPN235	G6	●	120,60
VR.AL.0238.1400.L.Z2.R0700.HA	SCPN235	G6	○	197,80
VR.AL.0238.1400.S.Z2.R0700.HA	SCPN235	G6	○	150,40
VR.AL.0238.1600.L.Z2.R0800.HA	SCPN235	G6	●	279,20
VR.AL.0238.1600.OL.Z2.R0800.HA	SCPN235	G6	●	446,70
VR.AL.0238.1600.S.Z2.R0800.HA	SCPN235	G6	●	192,70
VR.AL.0238.2000.L.Z2.R1000.HA	SCPN235	G6	●	388,40
VR.AL.0238.2000.S.Z2.R1000.HA	SCPN235	G6	●	268,90

**W0239**

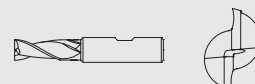
MVR.AL.0239.0050.L03D.Z2.R0025.HA	SCPN235	G6	●	63,10
MVR.AL.0239.0050.L05D.Z2.R0025.HA	SCPN235	G6	●	63,60
MVR.AL.0239.0050.L08D.Z2.R0025.HA	SCPN235	G6	●	64,50
MVR.AL.0239.0050.L10D.Z2.R0025.HA	SCPN235	G6	●	65,20
MVR.AL.0239.0100.L03D.Z2.R0050.HA	SCPN235	G6	●	52,90
MVR.AL.0239.0100.L05D.Z2.R0050.HA	SCPN235	G6	●	52,90
MVR.AL.0239.0100.L08D.Z2.R0050.HA	SCPN235	G6	●	55,90
MVR.AL.0239.0100.L10D.Z2.R0050.HA	SCPN235	G6	●	61,10
MVR.AL.0239.0100.L12D.Z2.R0050.HA	SCPN235	G6	●	62,60
MVR.AL.0239.0150.L03D.Z2.R0075.HA	SCPN235	G6	●	54,20
MVR.AL.0239.0150.L05D.Z2.R0075.HA	SCPN235	G6	●	52,90
MVR.AL.0239.0150.L08D.Z2.R0075.HA	SCPN235	G6	●	61,10
MVR.AL.0239.0150.L10D.Z2.R0075.HA	SCPN235	G6	●	62,60
MVR.AL.0239.0200.L03D.Z2.R0100.HA	SCPN235	G6	●	52,90
MVR.AL.0239.0200.L05D.Z2.R0100.HA	SCPN235	G6	●	52,90
MVR.AL.0239.0200.L07D.Z2.R0100.HA	SCPN235	G6	●	55,90
MVR.AL.0239.0200.L08D.Z2.R0100.HA	SCPN235	G6	●	62,60
MVR.AL.0239.0200.L10D.Z2.R0100.HA	SCPN235	G6	●	61,10

**W0242**

MSF.AL.0242.0050.L03D.Z2.F0005A.HA	SCPN235	G6	●	63,10
MSF.AL.0242.0050.L05D.Z2.F0005A.HA	SCPN235	G6	●	63,60
MSF.AL.0242.0050.L08D.Z2.F0005A.HA	SCPN235	G6	●	64,50
MSF.AL.0242.0050.L10D.Z2.F0005A.HA	SCPN235	G6	●	65,20
MSF.AL.0242.0100.L03D.Z2.F0010A.HA	SCPN235	G6	●	52,90
MSF.AL.0242.0100.L05D.Z2.F0010A.HA	SCPN235	G6	●	52,90
MSF.AL.0242.0100.L08D.Z2.F0010A.HA	SCPN235	G6	●	55,90
MSF.AL.0242.0100.L10D.Z2.F0010A.HA	SCPN235	G6	●	61,10
MSF.AL.0242.0100.L12D.Z2.F0010A.HA	SCPN235	G6	●	62,60
MSF.AL.0242.0150.L03D.Z2.F0010A.HA	SCPN235	G6	●	54,20
MSF.AL.0242.0150.L05D.Z2.F0010A.HA	SCPN235	G6	●	52,90
MSF.AL.0242.0150.L08D.Z2.F0010A.HA	SCPN235	G6	●	62,60
MSF.AL.0242.0150.L10D.Z2.F0010A.HA	SCPN235	G6	●	61,10
MSF.AL.0242.0200.L03D.Z2.F0010A.HA	SCPN235	G6	●	52,90
MSF.AL.0242.0200.L05D.Z2.F0010A.HA	SCPN235	G6	●	52,90
MSF.AL.0242.0200.L07D.Z2.F0010A.HA	SCPN235	G6	●	55,90
MSF.AL.0242.0200.L08D.Z2.F0010A.HA	SCPN235	G6	●	62,60
MSF.AL.0242.0200.L10D.Z2.F0010A.HA	SCPN235	G6	●	61,10

**W0249**

MTF.AL.0249.0050.L03D.Z2.R0005.HA	SCPN235	G6	●	63,10
MTF.AL.0249.0050.L05D.Z2.R0005.HA	SCPN235	G6	●	63,60
MTF.AL.0249.0050.L08D.Z2.R0005.HA	SCPN235	G6	●	64,50
MTF.AL.0249.0050.L10D.Z2.R0005.HA	SCPN235	G6	●	65,20
MTF.AL.0249.0100.L03D.Z2.R0010.HA	SCPN235	G6	●	52,90
MTF.AL.0249.0100.L05D.Z2.R0010.HA	SCPN235	G6	●	52,90
MTF.AL.0249.0100.L08D.Z2.R0010.HA	SCPN235	G6	●	55,90
MTF.AL.0249.0100.L10D.Z2.R0010.HA	SCPN235	G6	●	61,10
MTF.AL.0249.0100.L12D.Z2.R0010.HA	SCPN235	G6	●	62,60
MTF.AL.0249.0150.L03D.Z2.R0015.HA	SCPN235	G6	●	54,20
MTF.AL.0249.0150.L05D.Z2.R0015.HA	SCPN235	G6	●	52,90
MTF.AL.0249.0150.L08D.Z2.R0015.HA	SCPN235	G6	●	62,60
MTF.AL.0249.0150.L10D.Z2.R0015.HA	SCPN235	G6	●	61,10
MTF.AL.0249.0200.L03D.Z2.R0020.HA	SCPN235	G6	●	52,90
MTF.AL.0249.0200.L05D.Z2.R0020.HA	SCPN235	G6	●	54,20
MTF.AL.0249.0200.L07D.Z2.R0020.HA	SCPN235	G6	●	52,90
MTF.AL.0249.0200.L08D.Z2.R0020.HA	SCPN235	G6	●	62,60
MTF.AL.0249.0200.L10D.Z2.R0020.HA	SCPN235	G6	●	61,10

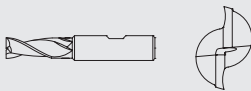
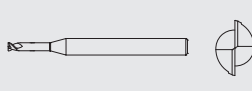
**W0264**


SF.UN.0264.0280.L.Z2.F0005A.HB	SCPP225	G6	●	37,00
SF.UN.0264.0300.L.Z2.F0010A.HB	SCPP225	G6	●	37,00
SF.UN.0264.0350.L.Z2.F0010A.HB	SCPP225	G6	○	37,00
SF.UN.0264.0380.L.Z2.F0010A.HB	SCPP225	G6	●	37,00
SF.UN.0264.0400.L.Z2.F0010A.HB	SCPP225	G6	●	37,00
SF.UN.0264.0480.L.Z2.F0010A.HB	SCPP225	G6	●	37,00
SF.UN.0264.0500.L.Z2.F0010A.HB	SCPP225	G6	●	37,00
SF.UN.0264.0575.L.Z2.F0010A.HB	SCPP225	G6	●	37,00
SF.UN.0264.0600.L.Z2.F0010A.HB	SCPP225	G6	●	37,00
SF.UN.0264.0675.L.Z2.F0010A.HB	SCPP225	G6	●	49,00
SF.UN.0264.0700.L.Z2.F0010A.HB	SCPP225	G6	●	49,00
SF.UN.0264.0775.L.Z2.F0010A.HB	SCPP225	G6	●	49,00
SF.UN.0264.0800.L.Z2.F0010A.HB	SCPP225	G6	●	49,00
SF.UN.0264.0870.L.Z2.F0010A.HB	SCPP225	G6	●	59,00

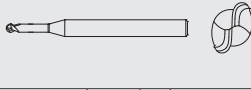


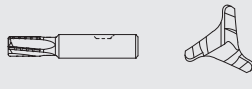
# Solid carbide tools



## Milling

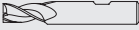

Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
<b>W0264</b> 					<b>W0286</b> 				
SF.UN.0264.0900.L.Z2.F0010A.HB	SCPP225	G6	●	59,00	MSF.ST.0286.0050.L03D.Z2.F0005A.HA	SCPP215	G6	●	64,20
SF.UN.0264.0970.L.Z2.F0010A.HB	SCPP225	G6	●	59,00	MSF.ST.0286.0050.L05D.Z2.F0005A.HA	SCPP215	G6	●	65,00
SF.UN.0264.1000.L.Z2.F0010A.HB	SCPP225	G6	●	59,00	MSF.ST.0286.0050.L08D.Z2.F0005A.HA	SCPP215	G6	●	65,80
SF.UN.0264.1070.L.Z2.F0010A.HB	SCPP225	G6	●	79,00	MSF.ST.0286.0050.L10D.Z2.F0005A.HA	SCPP215	G6	●	66,50
SF.UN.0264.1100.L.Z2.F0010A.HB	SCPP225	G6	●	79,00	MSF.ST.0286.0100.L03D.Z2.F0010A.HA	SCPP215	G6	●	53,90
SF.UN.0264.1170.L.Z2.F0010A.HB	SCPP225	G6	●	79,00	MSF.ST.0286.0100.L05D.Z2.F0010A.HA	SCPP215	G6	●	55,30
SF.UN.0264.1200.L.Z2.F0010A.HB	SCPP225	G6	●	79,00	MSF.ST.0286.0100.0L08D.Z2.F0010A.HA	SCPP215	G6	●	57,20
SF.UN.0264.1370.L.Z2.F0010A.HB	SCPP225	G6	●	99,00	MSF.ST.0286.0100.0L10D.Z2.F0010A.HA	SCPP215	G6	●	59,90
SF.UN.0264.1400.L.Z2.F0010A.HB	SCPP225	G6	●	99,00	MSF.ST.0286.0100.0L12D.Z2.F0010A.HA	SCPP215	G6	●	63,80
SF.UN.0264.1570.L.Z2.F0010A.HB	SCPP225	G6	●	147,00	MSF.ST.0286.0150.L03D.Z2.F0010A.HA	SCPP215	G6	●	55,30
SF.UN.0264.1600.L.Z2.F0010A.HB	SCPP225	G6	●	147,00	MSF.ST.0286.0150.L05D.Z2.F0010A.HA	SCPP215	G6	●	55,30
SF.UN.0264.1770.L.Z2.F0010A.HB	SCPP225	G6	○	199,00	MSF.ST.0286.0150.0L08D.Z2.F0010A.HA	SCPP215	G6	●	63,80
SF.UN.0264.1800.L.Z2.F0010A.HB	SCPP225	G6	●	199,00	MSF.ST.0286.0150.0L10D.Z2.F0010A.HA	SCPP215	G6	●	63,80
SF.UN.0264.1970.L.Z2.F0010A.HB	SCPP225	G6	○	227,00	MSF.ST.0286.0200.L03D.Z2.F0010A.HA	SCPP215	G6	●	53,90
SF.UN.0264.2000.L.Z2.F0010A.HB	SCPP225	G6	●	227,00	MSF.ST.0286.0200.L05D.Z2.F0010A.HA	SCPP215	G6	●	55,30
					MSF.ST.0286.0200.L07D.Z2.F0010A.HA	SCPP215	G6	●	57,20
					MSF.ST.0286.0200.0L08D.Z2.F0010A.HA	SCPP215	G6	●	63,80
					MSF.ST.0286.0200.0L10D.Z2.F0010A.HA	SCPP215	G6	●	63,80



<b>W0281</b> 				
VR.H.0281.0300.S.Z2.R0150.HA	SCPH205	G6	●	57,60
VR.H.0281.0300.XL.Z2.R0150.HA	SCPH205	G6	●	65,60
VR.H.0281.0400.S.Z2.R0200.HA	SCPH205	G6	●	50,10
VR.H.0281.0400.XL.Z2.R0200.HA	SCPH205	G6	●	65,60
VR.H.0281.0500.S.Z2.R0250.HA	SCPH205	G6	●	50,10
VR.H.0281.0500.XL.Z2.R0250.HA	SCPH205	G6	●	65,60
VR.H.0281.0600.S.Z2.R0300.HA	SCPH205	G6	●	50,10
VR.H.0281.0600.XL.Z2.R0300.HA	SCPH205	G6	●	65,60
VR.H.0281.0800.0L.Z2.R0400.HA	SCPH205	G6	●	85,30
VR.H.0281.0800.S.Z2.R0400.HA	SCPH205	G6	●	54,80
VR.H.0281.1000.0L.Z2.R0500.HA	SCPH205	G6	●	115,40
VR.H.0281.1000.S.Z2.R0500.HA	SCPH205	G6	●	68,60
VR.H.0281.1200.0L.Z2.R0600.HA	SCPH205	G6	●	150,40
VR.H.0281.1200.S.Z2.R0600.HA	SCPH205	G6	●	99,80

<b>W0285</b> 				
MVR.ST.0285.0050.L03D.Z2.R0025.HA	SCPP215	G6	●	63,10
MVR.ST.0285.0050.L05D.Z2.R0025.HA	SCPP215	G6	●	63,60
MVR.ST.0285.0050.L08D.Z2.R0025.HA	SCPP215	G6	●	64,70
MVR.ST.0285.0050.L10D.Z2.R0025.HA	SCPP215	G6	●	65,20
MVR.ST.0285.0100.L03D.Z2.R0050.HA	SCPP215	G6	●	52,90
MVR.ST.0285.0100.L05D.Z2.R0050.HA	SCPP215	G6	●	54,20
MVR.ST.0285.0100.0L08D.Z2.R0050.HA	SCPP215	G6	●	55,90
MVR.ST.0285.0100.0L10D.Z2.R0050.HA	SCPP215	G6	●	58,80
MVR.ST.0285.0100.0L12D.Z2.R0050.HA	SCPP215	G6	●	62,60
MVR.ST.0285.0150.L03D.Z2.R0075.HA	SCPP215	G6	●	54,20
MVR.ST.0285.0150.L05D.Z2.R0075.HA	SCPP215	G6	●	54,20
MVR.ST.0285.0150.0L08D.Z2.R0075.HA	SCPP215	G6	●	62,60
MVR.ST.0285.0150.0L10D.Z2.R0075.HA	SCPP215	G6	●	62,60
MVR.ST.0285.0200.L03D.Z2.R0100.HA	SCPP215	G6	●	52,90
MVR.ST.0285.0200.L05D.Z2.R0100.HA	SCPP215	G6	●	54,20
MVR.ST.0285.0200.L07D.Z2.R0100.HA	SCPP215	G6	●	55,90
MVR.ST.0285.0200.0L08D.Z2.R0100.HA	SCPP215	G6	●	62,60
MVR.ST.0285.0200.0L10D.Z2.R0100.HA	SCPP215	G6	●	62,60

<b>W0305</b> 				
SF.AL.0305.0500.L.Z3.R0015.HA	SCPN235	G6	●	69,00
SF.AL.0305.0500.0LS.Z3.R0015.HA	SCPN235	G6	●	79,00
SF.AL.0305.0500.S.Z3.R0015.HA	SCPN235	G6	●	69,00
SF.AL.0305.0600.L.Z3.R0020.HA	SCPN235	G6	●	69,00
SF.AL.0305.0600.0LS.Z3.R0020.HA	SCPN235	G6	●	79,00
SF.AL.0305.0600.S.Z3.R0020.HA	SCPN235	G6	●	69,00
SF.AL.0305.0800.L.Z3.R0025.HA	SCPN235	G6	●	85,00
SF.AL.0305.0800.0LS.Z3.R0025.HA	SCPN235	G6	●	99,00
SF.AL.0305.0800.S.Z3.R0025.HA	SCPN235	G6	●	85,00
SF.AL.0305.1000.L.Z3.R0030.HA	SCPN235	G6	●	99,00
SF.AL.0305.1000.0LS.Z3.R0030.HA	SCPN235	G6	●	151,00
SF.AL.0305.1000.S.Z3.R0030.HA	SCPN235	G6	●	99,00
SF.AL.0305.1200.L.Z3.R0035.HA	SCPN235	G6	●	139,00
SF.AL.0305.1200.0LS.Z3.R0035.HA	SCPN235	G6	●	219,00


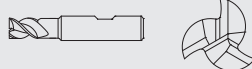
Designation	Grade	PG	€ each	Designation	Grade	PG	€ each		
<b>W0305</b> 				<b>W0306</b> 					
SF.AL.0305.1200.S.Z3.R0035.HA	SCPN235	G6	●	139,00	SF.UN.0306.1270.L.Z3.F0010A.HB	SCPP225	G6	●	103,00
SF.AL.0305.1600.L.Z3.R0050.HB	SCPN235	G6	●	229,00	SF.UN.0306.1370.L.Z3.F0010A.HB	SCPP225	G6	●	103,00
SF.AL.0305.1600.OLS.Z3.R0050.HB	SCPN235	G6	●	399,00	SF.UN.0306.1400.L.Z3.F0010A.HB	SCPP225	G6	●	103,00
SF.AL.0305.1600.S.Z3.R0050.HB	SCPN235	G6	●	220,00	SF.UN.0306.1570.L.Z3.F0010A.HB	SCPP225	G6	●	122,60
SF.AL.0305.2000.L.Z3.R0060.HB	SCPN235	G6	●	329,00	SF.UN.0306.1600.L.Z3.F0010A.HB	SCPP225	G6	●	122,60
SF.AL.0305.2000.OLS.Z3.R0060.HB	SCPN235	G6	●	499,00	SF.UN.0306.1770.L.Z3.F0010A.HB	SCPP225	G6	●	155,60
SF.AL.0305.2000.S.Z3.R0060.HB	SCPN235	G6	●	329,00	SF.UN.0306.1800.L.Z3.F0010A.HB	SCPP225	G6	●	155,60



W0306						
SF.AL.0306.0280.L.Z3.F0050A.HB	SCWN225	G6	●	25,90		
SF.AL.0306.0300.L.Z3.F0010A.HB	SCWN225	G6	●	25,90		
SF.AL.0306.0380.L.Z3.F0010A.HB	SCWN225	G6	●	25,90		
SF.AL.0306.0400.L.Z3.F0010A.HB	SCWN225	G6	●	25,90		
SF.AL.0306.0480.L.Z3.F0010A.HB	SCWN225	G6	●	25,90		
SF.AL.0306.0500.L.Z3.F0010A.HB	SCWN225	G6	●	25,90		
SF.AL.0306.0580.L.Z3.F0010A.HB	SCWN225	G6	●	25,90		
SF.AL.0306.0600.L.Z3.F0010A.HB	SCWN225	G6	●	25,90		
SF.AL.0306.0680.L.Z3.F0010A.HB	SCWN225	G6	●	29,00		
SF.AL.0306.0700.L.Z3.F0010A.HB	SCWN225	G6	●	29,00		
SF.AL.0306.0780.L.Z3.F0010A.HB	SCWN225	G6	●	29,00		
SF.AL.0306.0800.L.Z3.F0010A.HB	SCWN225	G6	●	29,00		
SF.AL.0306.0870.L.Z3.F0010A.HB	SCWN225	G6	●	45,70		
SF.AL.0306.0900.L.Z3.F0010A.HB	SCWN225	G6	●	45,70		
SF.AL.0306.0970.L.Z3.F0010A.HB	SCWN225	G6	●	45,70		
SF.AL.0306.1000.L.Z3.F0010A.HB	SCWN225	G6	●	45,70		
SF.AL.0306.1070.L.Z3.F0010A.HB	SCWN225	G6	●	71,30		
SF.AL.0306.1100.L.Z3.F0010A.HB	SCWN225	G6	●	71,30		
SF.AL.0306.1170.L.Z3.F0010A.HB	SCWN225	G6	●	71,30		
SF.AL.0306.1200.L.Z3.F0010A.HB	SCWN225	G6	●	71,30		
SF.AL.0306.1270.L.Z3.F0010A.HB	SCWN225	G6	●	87,80		
SF.AL.0306.1370.L.Z3.F0010A.HB	SCWN225	G6	●	87,80		
SF.AL.0306.1400.L.Z3.F0010A.HB	SCWN225	G6	●	87,80		
SF.AL.0306.1570.L.Z3.F0010A.HB	SCWN225	G6	○	114,40		
SF.AL.0306.1600.L.Z3.F0010A.HB	SCWN225	G6	○	114,40		
SF.AL.0306.1770.L.Z3.F0010A.HB	SCWN225	G6	○	135,00		
SF.AL.0306.1800.L.Z3.F0010A.HB	SCWN225	G6	●	135,00		
SF.AL.0306.1970.L.Z3.F0010A.HB	SCWN225	G6	○	177,20		
SF.AL.0306.2000.L.Z3.F0010A.HB	SCWN225	G6	●	177,20		
SF.UN.0306.0280.L.Z3.F0050A.HB	SCPP225	G6	●	32,70		
SF.UN.0306.0300.L.Z3.F0010A.HB	SCPP225	G6	●	32,70		
SF.UN.0306.0380.L.Z3.F0010A.HB	SCPP225	G6	●	32,70		
SF.UN.0306.0400.L.Z3.F0010A.HB	SCPP225	G6	●	32,70		
SF.UN.0306.0480.L.Z3.F0010A.HB	SCPP225	G6	●	32,70		
SF.UN.0306.0500.L.Z3.F0010A.HB	SCPP225	G6	●	32,70		
SF.UN.0306.0580.L.Z3.F0010A.HB	SCPP225	G6	●	32,70		
SF.UN.0306.0600.L.Z3.F0010A.HB	SCPP225	G6	●	32,70		
SF.UN.0306.0680.L.Z3.F0010A.HB	SCPP225	G6	●	38,20		
SF.UN.0306.0700.L.Z3.F0010A.HB	SCPP225	G6	●	38,20		
SF.UN.0306.0780.L.Z3.F0010A.HB	SCPP225	G6	●	38,20		
SF.UN.0306.0800.L.Z3.F0010A.HB	SCPP225	G6	●	33,80		
SF.UN.0306.0870.L.Z3.F0010A.HB	SCPP225	G6	●	57,40		
SF.UN.0306.0900.L.Z3.F0010A.HB	SCPP225	G6	●	57,40		
SF.UN.0306.0970.L.Z3.F0010A.HB	SCPP225	G6	●	57,40		
SF.UN.0306.1000.L.Z3.F0010A.HB	SCPP225	G6	●	51,10		
SF.UN.0306.1070.L.Z3.F0010A.HB	SCPP225	G6	●	81,00		
SF.UN.0306.1100.L.Z3.F0010A.HB	SCPP225	G6	●	81,00		
SF.UN.0306.1170.L.Z3.F0010A.HB	SCPP225	G6	●	81,00		
SF.UN.0306.1200.L.Z3.F0010A.HB	SCPP225	G6	●	76,20		

W0314						
SF.AL.0314.0300.L.Z3.S.HB	SCWN225	G6	●	23,00		
SF.AL.0314.0350.L.Z3.S.HB	SCWN225	G6	●	25,00		
SF.AL.0314.0400.L.Z3.S.HB	SCWN225	G6	●	23,00		
SF.AL.0314.0450.L.Z3.S.HB	SCWN225	G6	●	25,00		
SF.AL.0314.0500.L.Z3.S.HB	SCWN225	G6	●	22,70		
SF.AL.0314.0550.L.Z3.S.HB	SCWN225	G6	●	25,00		
SF.AL.0314.0600.L.Z3.S.HB	SCWN225	G6	●	23,00		
SF.AL.0314.0650.L.Z3.S.HB	SCWN225	G6	●	29,90		
SF.AL.0314.0700.L.Z3.S.HB	SCWN225	G6	●	29,00		
SF.AL.0314.0750.L.Z3.S.HB	SCWN225	G6	●	27,40		
SF.AL.0314.0800.L.Z3.S.HB	SCWN225	G6	●	26,40		
SF.AL.0314.0850.L.Z3.S.HB	SCWN225	G6	●	41,50		
SF.AL.0314.0900.L.Z3.S.HB	SCWN225	G6	●	41,50		
SF.AL.0314.0950.L.Z3.S.HB	SCWN225	G6	●	47,40		
SF.AL.0314.1000.L.Z3.S.HB	SCWN225	G6	●	42,40		
SF.AL.0314.1100.L.Z3.S.HB	SCWN225	G6	●	67,10		
SF.AL.0314.1200.L.Z3.S.HB	SCWN225	G6	●	61,00		
SF.AL.0314.1400.L.Z3.S.HB	SCWN225	G6	●	78,40		
SF.AL.0314.1600.L.Z3.S.HB	SCWN225	G6	●	107,20		
SF.AL.0314.1800.L.Z3.S.HB	SCWN225	G6	●	129,80		
SF.AL.0314.2000.L.Z3.S.HB	SCWN225	G6	●	169,00		
SF.UN.0314.0300.L.Z3.F0010A.HA	SCPP225	G6	●	27,40		
SF.UN.0314.0300.L.Z3.F0010A.HB	SCPP225	G6	●	27,40		
SF.UN.0314.0350.L.Z3.F0010A.HA	SCPP225	G6	●	28,90		
SF.UN.0314.0350.L.Z3.F0010A.HB	SCPP225	G6	●	28,90		
SF.UN.0314.0350.0L.Z3.F0010A.HB	SCPP225	G6	●	42,60		
SF.UN.0314.0400.L.Z3.F0010A.HA	SCPP225	G6	●	26,60		
SF.UN.0314.0400.L.Z3.F0010A.HB	SCPP225	G6	●	26,60		
SF.UN.0314.0400.0L.Z3.F0010A.HB	SCPP225	G6	●	47,50		
SF.UN.0314.0450.L.Z3.F0010A.HA	SCPP225	G6	●	28,90		
SF.UN.0314.0450.L.Z3.F0010A.HB	SCPP225	G6	●	28,90		
SF.UN.0314.0450.0L.Z3.F0010A.HB	SCPP225	G6	●	42,60		
SF.UN.0314.0500.L.Z3.F0010A.HA	SCPP225	G6	●	26,60		
SF.UN.0314.0500.L.Z3.F0010A.HB	SCPP225	G6	●	26,60		
SF.UN.0314.0500.0L.Z3.F0010A.HB	SCPP225	G6	●	46,20		
SF.UN.0314.0550.L.Z3.F0010A.HA	SCPP225	G6	●	28,90		
SF.UN.0314.0550.L.Z3.F0010A.HB	SCPP225	G6	●	28,90		
SF.UN.0314.0550.0L.Z3.F0010A.HB	SCPP225	G6	●	46,20		
SF.UN.0314.0600.L.Z3.F0010A.HA	SCPP225	G6	●	26,60		
SF.UN.0314.0600.L.Z3.F0010A.HB	SCPP225	G6	●	26,60		
SF.UN.0314.0600.0L.Z3.F0010A.HB	SCPP225	G6	●	45,00		
SF.UN.0314.0650.L.Z3.F0010A.HA	SCPP225	G6	●	36,00		
SF.UN.0314.0650.L.Z3.F0010A.HB	SCPP225	G6	●	36,00		
SF.UN.0314.0650.0L.Z3.F0010A.HB	SCPP225	G6	●	63,60		
SF.UN.0314.0700.L.Z3.F0010A.HA	SCPP225	G6	●	35,20		
SF.UN.0314.0700.L.Z3.F0010A.HB	SCPP225	G6	●	35,20		
SF.UN.0314.0700.0L.Z3.F0010A.HB	SCPP225	G6	●	63,60		





# Solid carbide tools





## Milling

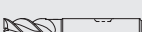



Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
W0314					W0316				
									
SF.UN.0314.0750.L.Z3.F0010A.HA	SCPP225	G6	●	33,50	SF.UN.0316.0500.S.Z3.F0010A.HA	SCPP225	G6	●	28,50
SF.UN.0314.0750.L.Z3.F0010A.HB	SCPP225	G6	●	33,50	SF.UN.0316.0500.S.Z3.F0010A.HB	SCPP225	G6	●	28,50
SF.UN.0314.0750.0L.Z3.F0010A.HB	SCPP225	G6	●	63,90	SF.UN.0316.0550.S.Z3.F0010A.HA	SCPP225	G6	●	31,40
SF.UN.0314.0800.L.Z3.F0010A.HA	SCPP225	G6	●	33,80	SF.UN.0316.0550.S.Z3.F0010A.HB	SCPP225	G6	○	31,40
SF.UN.0314.0800.L.Z3.F0010A.HB	SCPP225	G6	●	33,80	SF.UN.0316.0600.S.Z3.F0010A.HA	SCPP225	G6	●	28,50
SF.UN.0314.0800.0L.Z3.F0010A.HB	SCPP225	G6	●	60,50	SF.UN.0316.0600.S.Z3.F0010A.HB	SCPP225	G6	●	28,50
SF.UN.0314.0850.L.Z3.F0010A.HA	SCPP225	G6	●	53,20	SF.UN.0316.0650.S.Z3.F0010A.HA	SCPP225	G6	●	39,40
SF.UN.0314.0850.L.Z3.F0010A.HB	SCPP225	G6	●	53,20	SF.UN.0316.0650.S.Z3.F0010A.HB	SCPP225	G6	○	39,40
SF.UN.0314.0900.L.Z3.F0010A.HA	SCPP225	G6	●	52,50	SF.UN.0316.0700.S.Z3.F0010A.HA	SCPP225	G6	●	39,80
SF.UN.0314.0900.L.Z3.F0010A.HB	SCPP225	G6	●	52,50	SF.UN.0316.0700.S.Z3.F0010A.HB	SCPP225	G6	○	39,80
SF.UN.0314.0950.L.Z3.F0010A.HA	SCPP225	G6	●	57,70	SF.UN.0316.0750.S.Z3.F0010A.HA	SCPP225	G6	●	38,10
SF.UN.0314.0950.L.Z3.F0010A.HB	SCPP225	G6	●	57,70	SF.UN.0316.0750.S.Z3.F0010A.HB	SCPP225	G6	○	38,10
SF.UN.0314.1000.L.Z3.F0010A.HA	SCPP225	G6	●	49,20	SF.UN.0316.0800.S.Z3.F0010A.HA	SCPP225	G6	●	38,10
SF.UN.0314.1000.L.Z3.F0010A.HB	SCPP225	G6	●	49,20	SF.UN.0316.0800.S.Z3.F0010A.HB	SCPP225	G6	●	38,10
SF.UN.0314.1000.0L.Z3.F0010A.HB	SCPP225	G6	●	95,50	SF.UN.0316.0850.S.Z3.F0010A.HA	SCPP225	G6	●	55,80
SF.UN.0314.1100.L.Z3.F0010A.HB	SCPP225	G6	●	80,30	SF.UN.0316.0850.S.Z3.F0010A.HB	SCPP225	G6	○	55,80
SF.UN.0314.1200.L.Z3.F0010A.HA	SCPP225	G6	●	74,40	SF.UN.0316.0900.S.Z3.F0010A.HA	SCPP225	G6	●	55,30
SF.UN.0314.1200.L.Z3.F0010A.HB	SCPP225	G6	●	74,40	SF.UN.0316.0900.S.Z3.F0010A.HB	SCPP225	G6	○	55,30
SF.UN.0314.1200.0L.Z3.F0010A.HB	SCPP225	G6	●	140,10	SF.UN.0316.0950.S.Z3.F0010A.HA	SCPP225	G6	●	58,70
SF.UN.0314.1400.L.Z3.F0010A.HA	SCPP225	G6	●	93,00	SF.UN.0316.0950.S.Z3.F0010A.HB	SCPP225	G6	○	58,70
SF.UN.0314.1400.L.Z3.F0010A.HB	SCPP225	G6	●	93,00	SF.UN.0316.1000.S.Z3.F0010A.HA	SCPP225	G6	●	51,70
SF.UN.0314.1400.0L.Z3.F0010A.HB	SCPP225	G6	●	175,10	SF.UN.0316.1000.S.Z3.F0010A.HB	SCPP225	G6	●	51,70
SF.UN.0314.1600.L.Z3.F0010A.HA	SCPP225	G6	●	127,80	SF.UN.0316.1200.S.Z3.F0010A.HA	SCPP225	G6	●	64,80
SF.UN.0314.1600.L.Z3.F0010A.HB	SCPP225	G6	●	127,80	SF.UN.0316.1200.S.Z3.F0010A.HB	SCPP225	G6	●	64,80
SF.UN.0314.1600.0L.Z3.F0010A.HB	SCPP225	G6	●	241,10	SF.UN.0316.1600.S.Z3.F0010A.HA	SCPP225	G6	●	106,10
SF.UN.0314.1800.L.Z3.F0010A.HA	SCPP225	G6	●	155,60	SF.UN.0316.1600.S.Z3.F0010A.HB	SCPP225	G6	○	106,10
SF.UN.0314.1800.L.Z3.F0010A.HB	SCPP225	G6	●	155,60	SF.UN.0316.2000.S.Z3.F0010A.HA	SCPP225	G6	●	183,40
SF.UN.0314.2000.L.Z3.F0010A.HA	SCPP225	G6	●	199,90	SF.UN.0316.2000.S.Z3.F0010A.HB	SCPP225	G6	○	183,40
SF.UN.0314.2000.L.Z3.F0010A.HB	SCPP225	G6	●	199,90					
SF.UN.0314.2000.0L.Z3.F0010A.HB	SCPP225	G6	●	389,40					

W0316					W0318				
									
SF.AL.0316.0300.S.Z3.F0010A.HB	SCWN225	G6	●	23,30	SFM.AL.0318.0200.XS.Z3.S.HB	SCWN225	G6	●	14,60
SF.AL.0316.0350.S.Z3.F0010A.HB	SCWN225	G6	●	25,80	SFM.AL.0318.0250.XS.Z3.S.HB	SCWN225	G6	●	15,60
SF.AL.0316.0400.S.Z3.F0010A.HB	SCWN225	G6	●	23,30	SFM.AL.0318.0300.XS.Z3.S.HB	SCWN225	G6	●	14,60
SF.AL.0316.0450.S.Z3.F0010A.HB	SCWN225	G6	●	25,80	SFM.AL.0318.0350.XS.Z3.S.HB	SCWN225	G6	●	15,60
SF.AL.0316.0500.S.Z3.F0010A.HB	SCWN225	G6	●	23,30	SFM.AL.0318.0400.XS.Z3.S.HB	SCWN225	G6	●	14,60
SF.AL.0316.0550.S.Z3.F0010A.HB	SCWN225	G6	●	25,80	SFM.AL.0318.0450.XS.Z3.S.HB	SCWN225	G6	●	15,60
SF.AL.0316.0600.S.Z3.F0010A.HB	SCWN225	G6	●	23,30	SFM.AL.0318.0500.XS.Z3.S.HB	SCWN225	G6	●	14,60
SF.AL.0316.0650.S.Z3.F0010A.HB	SCWN225	G6	●	31,60	SFM.AL.0318.0550.XS.Z3.S.HB	SCWN225	G6	●	15,60
SF.AL.0316.0700.S.Z3.F0010A.HB	SCWN225	G6	●	31,20	SFM.AL.0318.0575.XS.Z3.S.HB	SCWN225	G6	●	15,60
SF.AL.0316.0750.S.Z3.F0010A.HB	SCWN225	G6	●	30,50	SFM.AL.0318.0600.XS.Z3.S.HB	SCWN225	G6	●	14,60
SF.AL.0316.0800.S.Z3.F0010A.HB	SCWN225	G6	●	25,90	SFM.AL.0318.0675.XS.Z3.S.HB	SCWN225	G6	●	20,80
SF.AL.0316.0850.S.Z3.F0010A.HB	SCWN225	G6	●	40,50	SFM.AL.0318.0700.XS.Z3.S.HB	SCWN225	G6	●	19,90
SF.AL.0316.0900.S.Z3.F0010A.HB	SCWN225	G6	●	41,90	SFM.AL.0318.0775.XS.Z3.S.HB	SCWN225	G6	●	20,90
SF.AL.0316.0950.S.Z3.F0010A.HB	SCWN225	G6	●	41,60	SFM.AL.0318.0800.XS.Z3.S.HB	SCWN225	G6	●	22,80
SF.AL.0316.1000.S.Z3.F0010A.HB	SCWN225	G6	●	39,80	SFM.AL.0318.0870.XS.Z3.S.HB	SCWN225	G6	●	32,50
SF.AL.0316.1200.S.Z3.F0010A.HB	SCWN225	G6	●	56,00	SFM.AL.0318.0900.XS.Z3.S.HB	SCWN225	G6	●	29,70
SF.AL.0316.1600.S.Z3.F0010A.HB	SCWN225	G6	●	85,00	SFM.AL.0318.0970.XS.Z3.S.HB	SCWN225	G6	●	32,50
SF.AL.0316.2000.S.Z3.F0010A.HB	SCWN225	G6	●	151,50	SFM.AL.0318.1000.XS.Z3.S.HB	SCWN225	G6	●	32,40
SF.UN.0316.0300.S.Z3.F0010A.HA	SCPP225	G6	●	28,90	SFM.AL.0318.1200.XS.Z3.S.HB	SCWN225	G6	●	42,20
SF.UN.0316.0300.S.Z3.F0010A.HB	SCPP225	G6	●	28,90	SFM.AL.0318.1400.XS.Z3.S.HB	SCWN225	G6	●	72,10
SF.UN.0316.0350.S.Z3.F0010A.HA	SCPP225	G6	●	31,40	SFM.AL.0318.1600.XS.Z3.S.HB	SCWN225	G6	●	80,90
SF.UN.0316.0350.S.Z3.F0010A.HB	SCPP225	G6	○	31,40	SFM.AL.0318.1800.XS.Z3.S.HB	SCWN225	G6	●	102,10
SF.UN.0316.0400.S.Z3.F0010A.HA	SCPP225	G6	●	28,40	SFM.AL.0318.2000.XS.Z3.S.HB	SCWN225	G6	●	129,80
SF.UN.0316.0400.S.Z3.F0010A.HB	SCPP225	G6	●	28,40	SFM.UN.0318.0200.XS.Z3.S.HB	SCPP225	G6	●	20,40
SF.UN.0316.0450.S.Z3.F0010A.HA	SCPP225	G6	●	31,50	SFM.UN.0318.0250.XS.Z3.S.HB	SCPP225	G6	●	21,70
SF.UN.0316.0450.S.Z3.F0010A.HB	SCPP225	G6	●	31,50	SFM.UN.0318.0300.XS.Z3.S.HB	SCPP225	G6	●	20,40
					SFM.UN.0318.0350.XS.Z3.S.HB	SCPP225	G6	●	21,80
					SFM.UN.0318.0400.XS.Z3.S.HB	SCPP225	G6	●	20,40






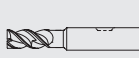
Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
W0318					W0321				
 					 				
SFM.UN.0318.0450.XS.Z3.S.HB	SCPP225	G6	●	21,80	TF.AL.0321.0500.L.Z3.R0050.HA	SCWN225	G7	●	65,00
SFM.UN.0318.0500.XS.Z3.S.HB	SCPP225	G6	●	20,40	TF.AL.0321.0500.L.Z3.R0100.HA	SCWN225	G7	●	65,00
SFM.UN.0318.0550.XS.Z3.S.HB	SCPP225	G6	●	21,80	TF.AL.0321.0600.L.Z3.R0050.HA	SCWN225	G7	●	65,00
SFM.UN.0318.0575.XS.Z3.S.HB	SCPP225	G6	●	21,80	TF.AL.0321.0600.L.Z3.R0100.HA	SCWN225	G7	●	65,00
SFM.UN.0318.0600.XS.Z3.S.HB	SCPP225	G6	●	20,40	TF.AL.0321.0600.OLS.Z3.R0050.HA	SCWN225	G7	●	83,00
SFM.UN.0318.0675.XS.Z3.S.HB	SCPP225	G6	●	27,70	TF.AL.0321.0600.OLS.Z3.R0100.HA	SCWN225	G7	●	83,00
SFM.UN.0318.0700.XS.Z3.S.HB	SCPP225	G6	●	25,70	TF.AL.0321.0800.L.Z3.R0050.HA	SCWN225	G7	●	70,00
SFM.UN.0318.0775.XS.Z3.S.HB	SCPP225	G6	●	28,00	TF.AL.0321.0800.L.Z3.R0100.HA	SCWN225	G7	●	70,00
SFM.UN.0318.0800.XS.Z3.S.HB	SCPP225	G6	●	27,40	TF.AL.0321.0800.OLS.Z3.R0050.HA	SCWN225	G7	●	96,00
SFM.UN.0318.0870.XS.Z3.S.HB	SCPP225	G6	●	40,90	TF.AL.0321.0800.OLS.Z3.R0100.HA	SCWN225	G7	●	96,00
SFM.UN.0318.0900.XS.Z3.S.HB	SCPP225	G6	●	37,90	TF.AL.0321.1000.L.Z3.R0050.HA	SCWN225	G7	●	104,00
SFM.UN.0318.0970.XS.Z3.S.HB	SCPP225	G6	●	40,90	TF.AL.0321.1000.L.Z3.R0100.HA	SCWN225	G7	●	104,00
SFM.UN.0318.1000.XS.Z3.S.HB	SCPP225	G6	●	39,30	TF.AL.0321.1000.OLS.Z3.R0050.HA	SCWN225	G7	●	145,00
SFM.UN.0318.1200.XS.Z3.S.HB	SCPP225	G6	●	50,90	TF.AL.0321.1000.OLS.Z3.R0100.HA	SCWN225	G7	●	145,00
SFM.UN.0318.1400.XS.Z3.S.HB	SCPP225	G6	●	80,80	TF.AL.0321.1200.L.Z3.R0050.HA	SCWN225	G7	●	137,00
SFM.UN.0318.1600.XS.Z3.S.HB	SCPP225	G6	●	92,30	TF.AL.0321.1200.L.Z3.R0100.HA	SCWN225	G7	●	137,00
SFM.UN.0318.1800.XS.Z3.S.HB	SCPP225	G6	●	115,40	TF.AL.0321.1200.OLS.Z3.R0050.HA	SCWN225	G7	●	203,00
SFM.UN.0318.2000.XS.Z3.S.HB	SCPP225	G6	●	142,20	TF.AL.0321.1200.OLS.Z3.R0100.HA	SCWN225	G7	●	203,00


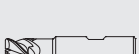
W0319					W0340				
 					 				
SF.AL.0319.0400.L.Z3.F0010A.HA	SCWN225	G7	●	55,00	HPC-SF.VA.0340.0100.L.Z3.S.HB	SCPM225	G6	●	48,00
SF.AL.0319.0600.L.Z3.F0020A.HA	SCWN225	G7	●	55,00	HPC-SF.VA.0340.0150.L.Z3.S.HB	SCPM225	G6	●	48,00
SF.AL.0319.0800.L.Z3.F0020A.HA	SCWN225	G7	●	60,00	HPC-SF.VA.0340.0200.L.Z3.F0005A.HB	SCPM225	G6	●	48,00
SF.AL.0319.1000.L.Z3.F0020A.HA	SCWN225	G7	●	72,50	HPC-SF.VA.0340.0250.L.Z3.F0005A.HB	SCPM225	G6	●	48,00
SF.AL.0319.1200.L.Z3.F0020A.HA	SCWN225	G7	●	107,00	HPC-SF.VA.0340.0300.L.Z3.F0010A.HB	SCPM225	G6	●	47,00
SF.AL.0319.1400.L.Z3.F0020A.HA	SCWN225	G7	○	177,50	HPC-SF.VA.0340.0350.L.Z3.F0010A.HB	SCPM225	G6	●	47,00
SF.AL.0319.1600.L.Z3.F0020A.HB	SCWN225	G7	●	185,00	HPC-SF.VA.0340.0400.L.Z3.F0010A.HB	SCPM225	G6	●	45,40
SF.AL.0319.1800.L.Z3.F0020A.HB	SCWN225	G7	○	272,50	HPC-SF.VA.0340.0400.OL.Z3.F0010A.HB	SCPM225	G6	●	47,90
SF.AL.0319.2000.L.Z3.F0020A.HB	SCWN225	G7	●	281,00	HPC-SF.VA.0340.0400.S.Z3.F0010A.HB	SCPM225	G6	●	45,40



W0320					W0340				
 					 				
SF.AL.0320.0400.L.Z3.S.HA	SCWN225	G7	●	55,00	HPC-SF.VA.0340.0450.L.Z3.F0010A.HB	SCPM225	G6	●	47,00
SF.AL.0320.0500.L.Z3.S.HA	SCWN225	G7	●	55,00	HPC-SF.VA.0340.0500.L.Z3.F0010A.HB	SCPM225	G6	●	45,40
SF.AL.0320.0600.L.Z3.S.HA	SCWN225	G7	●	55,00	HPC-SF.VA.0340.0500.OL.Z3.F0010A.HB	SCPM225	G6	●	47,90
SF.AL.0320.0800.L.Z3.S.HA	SCWN225	G7	●	60,00	HPC-SF.VA.0340.0500.S.Z3.F0010A.HB	SCPM225	G6	●	45,40
SF.AL.0320.1000.L.Z3.S.HA	SCWN225	G7	●	72,50	HPC-SF.VA.0340.0550.L.Z3.F0010A.HB	SCPM225	G6	●	49,50
SF.AL.0320.1200.L.Z3.S.HA	SCWN225	G7	●	107,00	HPC-SF.VA.0340.0600.L.Z3.F0020A.HB	SCPM225	G6	●	47,60
SF.AL.0320.1400.L.Z3.S.HA	SCWN225	G7	○	177,50	HPC-SF.VA.0340.0600.OL.Z3.F0020A.HB	SCPM225	G6	●	53,10
SF.AL.0320.1600.L.Z3.S.HB	SCWN225	G7	●	185,00	HPC-SF.VA.0340.0600.S.Z3.F0020A.HB	SCPM225	G6	●	47,00
SF.AL.0320.1800.L.Z3.S.HB	SCWN225	G7	○	272,50	HPC-SF.VA.0340.0650.L.Z3.F0020A.HB	SCPM225	G6	●	56,80
SF.AL.0320.2000.L.Z3.S.HB	SCWN225	G7	●	281,00	HPC-SF.VA.0340.0700.L.Z3.F0020A.HB	SCPM225	G6	●	56,80
					HPC-SF.VA.0340.0750.L.Z3.F0020A.HB	SCPM225	G6	●	56,80
					HPC-SF.VA.0340.0800.L.Z3.F0020A.HB	SCPM225	G6	●	55,80
					HPC-SF.VA.0340.0800.OL.Z3.F0020A.HB	SCPM225	G6	●	59,60
					HPC-SF.VA.0340.0800.S.Z3.F0020A.HB	SCPM225	G6	●	53,60
					HPC-SF.VA.0340.0850.L.Z3.F0020A.HB	SCPM225	G6	●	95,40
					HPC-SF.VA.0340.0900.L.Z3.F0020A.HB	SCPM225	G6	●	95,40
					HPC-SF.VA.0340.0950.L.Z3.F0020A.HB	SCPM225	G6	●	95,40


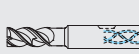
# Solid carbide tools


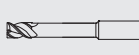
## Milling

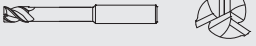

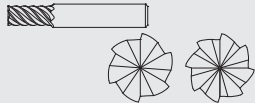

Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
<b>W0340</b> <div></div>					<b>W0360</b> <div></div>				
HPC-SF.VA.0340.1000.L.Z3.F0020A.HB	SCPM225	G6	●	94,20	HPC-SF.AL.0360.0300.L.Z3.F0010A.HA	SCPN235	G6	●	46,90
HPC-SF.VA.0340.1000.OL.Z3.F0020A.HB	SCPM225	G6	●	106,10	HPC-SF.AL.0360.0300.OLS.Z3.F0010A.HA	SCPN235	G6	●	74,70
HPC-SF.VA.0340.1000.S.Z3.F0020A.HB	SCPM225	G6	●	84,90	HPC-SF.AL.0360.0400.L.Z3.F0010A.HA	SCPN235	G6	●	46,90
HPC-SF.VA.0340.1200.L.Z3.F0020A.HB	SCPM225	G6	●	127,80	HPC-SF.AL.0360.0400.OLS.Z3.F0010A.HA	SCPN235	G6	●	74,70
HPC-SF.VA.0340.1200.OL.Z3.F0020A.HB	SCPM225	G6	●	143,20	HPC-SF.AL.0360.0500.L.Z3.F0010A.HA	SCPN235	G6	●	46,90
HPC-SF.VA.0340.1200.S.Z3.F0020A.HB	SCPM225	G6	●	119,50	HPC-SF.AL.0360.0500.OLS.Z3.F0010A.HA	SCPN235	G6	●	74,70
HPC-SF.VA.0340.1400.L.Z3.F0020A.HB	SCPM225	G6	●	169,00	HPC-SF.AL.0360.0600.L.Z3.F0020A.HA	SCPN235	G6	●	49,40
HPC-SF.VA.0340.1400.OL.Z3.F0020A.HB	SCPM225	G6	●	186,50	HPC-SF.AL.0360.0600.OLS.Z3.F0020A.HA	SCPN235	G6	●	74,70
HPC-SF.VA.0340.1400.S.Z3.F0020A.HB	SCPM225	G6	●	148,40	HPC-SF.AL.0360.0600.OL.Z3.F0020A.HA	SCPN235	G6	●	74,70
HPC-SF.VA.0340.1600.L.Z3.F0020A.HB	SCPM225	G6	●	293,60	HPC-SF.AL.0360.0800.L.Z3.F0020A.HA	SCPN235	G6	●	56,70
HPC-SF.VA.0340.1600.OL.Z3.F0020A.HB	SCPM225	G6	●	288,40	HPC-SF.AL.0360.0800.OLS.Z3.F0020A.HA	SCPN235	G6	●	96,90
HPC-SF.VA.0340.1600.S.Z3.F0020A.HB	SCPM225	G6	●	176,20	HPC-SF.AL.0360.0800.OL.Z3.F0020A.HA	SCPN235	G6	●	96,90
HPC-SF.VA.0340.1800.L.Z3.F0020A.HB	SCPM225	G6	○	294,60	HPC-SF.AL.0360.1000.L.Z3.F0020A.HA	SCPN235	G6	●	93,20
HPC-SF.VA.0340.1800.OL.Z3.F0020A.HB	SCPM225	G6	○	371,90	HPC-SF.AL.0360.1000.OLS.Z3.F0020A.HA	SCPN235	G6	●	143,50
HPC-SF.VA.0340.1800.S.Z3.F0020A.HB	SCPM225	G6	○	247,20	HPC-SF.AL.0360.1000.OL.Z3.F0020A.HA	SCPN235	G6	●	143,50
HPC-SF.VA.0340.2000.L.Z3.F0020A.HB	SCPM225	G6	●	343,00	HPC-SF.AL.0360.1200.L.Z3.F0020A.HA	SCPN235	G6	●	123,90
HPC-SF.VA.0340.2000.OL.Z3.F0020A.HB	SCPM225	G6	●	429,60	HPC-SF.AL.0360.1200.OLS.Z3.F0020A.HA	SCPN235	G6	●	205,00
HPC-SF.VA.0340.2000.S.Z3.F0020A.HB	SCPM225	G6	●	299,80	HPC-SF.AL.0360.1200.OL.Z3.F0020A.HA	SCPN235	G6	●	205,00

<b>W0342</b> <div></div>				
HPC-TF.VA.0342.0400.L.Z3.R0050.HB	SCPM225	G6	●	46,60
HPC-TF.VA.0342.0400.S.Z3.R0050.HB	SCPM225	G6	●	45,40
HPC-TF.VA.0342.0500.L.Z3.R0050.HB	SCPM225	G6	●	46,60
HPC-TF.VA.0342.0500.S.Z3.R0050.HB	SCPM225	G6	●	45,40
HPC-TF.VA.0342.0600.L.Z3.R0050.HB	SCPM225	G6	●	54,40
HPC-TF.VA.0342.0600.S.Z3.R0050.HB	SCPM225	G6	●	46,50
HPC-TF.VA.0342.0800.L.Z3.R0100.HB	SCPM225	G6	●	62,60
HPC-TF.VA.0342.0800.S.Z3.R0100.HB	SCPM225	G6	●	54,60
HPC-TF.VA.0342.1000.L.Z3.R0100.HB	SCPM225	G6	●	107,20
HPC-TF.VA.0342.1000.S.Z3.R0100.HB	SCPM225	G6	●	98,80
HPC-TF.VA.0342.1200.L.Z3.R0150.HB	SCPM225	G6	●	145,30
HPC-TF.VA.0342.1200.S.Z3.R0150.HB	SCPM225	G6	●	136,00
HPC-TF.VA.0342.1600.L.Z3.R0200.HB	SCPM225	G6	●	284,30
HPC-TF.VA.0342.1600.S.Z3.R0200.HB	SCPM225	G6	●	278,10
HPC-TF.VA.0342.2000.L.Z3.R0200.HB	SCPM225	G6	●	409,00
HPC-TF.VA.0342.2000.S.Z3.R0200.HB	SCPM225	G6	○	400,70

<b>W0345</b> <div></div>				
HPC-SF.VA.0345.0300.L.Z3.F0010A.HB	SCPM240	G6	●	36,90
HPC-SF.VA.0345.0400.L.Z3.F0010A.HB	SCPM240	G6	●	36,90
HPC-SF.VA.0345.0500.L.Z3.F0010A.HB	SCPM240	G6	●	36,90
HPC-SF.VA.0345.0600.L.Z3.F0010A.HB	SCPM240	G6	●	36,90
HPC-SF.VA.0345.0800.L.Z3.F0020A.HB	SCPM240	G6	●	50,20
HPC-SF.VA.0345.1000.L.Z3.F0020A.HB	SCPM240	G6	●	76,90
HPC-SF.VA.0345.1200.L.Z3.F0030A.HB	SCPM240	G6	●	89,40
HPC-SF.VA.0345.1600.L.Z3.F0030A.HB	SCPM240	G6	●	126,40
HPC-SF.VA.0345.2000.L.Z3.F0030A.HB	SCPM240	G6	●	239,70

<b>W0361</b> <div></div>				
HPC-SF.AL.0361.0600.L.Z3.F0020A.HA	SCPN235	G6	●	62,00
HPC-SF.AL.0361.0600.OLS.Z3.F0020A.HA	SCPN235	G6	●	98,00
HPC-SF.AL.0361.0800.L.Z3.F0020A.HA	SCPN235	G6	●	84,60
HPC-SF.AL.0361.0800.OLS.Z3.F0020A.HA	SCPN235	G6	●	125,00
HPC-SF.AL.0361.1000.L.Z3.F0020A.HA	SCPN235	G6	●	118,70
HPC-SF.AL.0361.1000.OLS.Z3.F0020A.HA	SCPN235	G6	●	195,00
HPC-SF.AL.0361.1200.L.Z3.F0020A.HA	SCPN235	G6	●	160,90
HPC-SF.AL.0361.1200.OLS.Z3.F0020A.HA	SCPN235	G6	●	278,00
HPC-SF.AL.0361.1600.L.Z3.F0020A.HB	SCPN235	G6	●	291,90
HPC-SF.AL.0361.2000.L.Z3.F0020A.HB	SCPN235	G6	●	394,80

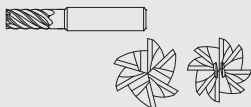

<b>W0362</b> <div></div>				
HPC-TF.AL.0362.0300.L.Z3.R0040.HA	SCPN235	G6	●	47,60
HPC-TF.AL.0362.0300.L.Z3.R0050.HA	SCPN235	G6	●	47,60
HPC-TF.AL.0362.0300.L.Z3.R0100.HA	SCPN235	G6	●	47,60
HPC-TF.AL.0362.0400.L.Z3.R0040.HA	SCPN235	G6	●	47,60
HPC-TF.AL.0362.0400.L.Z3.R0050.HA	SCPN235	G6	●	47,60
HPC-TF.AL.0362.0400.L.Z3.R0100.HA	SCPN235	G6	●	47,60
HPC-TF.AL.0362.0500.L.Z3.R0050.HA	SCPN235	G6	●	47,60
HPC-TF.AL.0362.0500.L.Z3.R0100.HA	SCPN235	G6	●	47,60
HPC-TF.AL.0362.0600.L.Z3.R0050.HA	SCPN235	G6	●	50,10
HPC-TF.AL.0362.0600.L.Z3.R0100.HA	SCPN235	G6	●	50,10
HPC-TF.AL.0362.0600.L.Z3.R0150.HA	SCPN235	G6	●	50,10
HPC-TF.AL.0362.0600.OLS.Z3.R0050.HA	SCPN235	G6	●	72,30
HPC-TF.AL.0362.0600.OLS.Z3.R0100.HA	SCPN235	G6	●	72,30
HPC-TF.AL.0362.0600.OLS.Z3.R0150.HA	SCPN235	G6	●	72,30

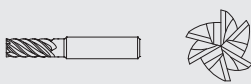
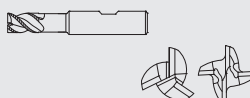
Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
<b>W0362</b> 				<b>W0363</b> 			
HPC-TF.AL.0362.0600.0L.Z3.R0050.HA	SCPN235	G6	● 72,30	HPC-SR.AL.0363.0600.L.Z3.F0040A.HA	SCPN235	G6	● 55,00
HPC-TF.AL.0362.0600.0L.Z3.R0100.HA	SCPN235	G6	● 72,30	HPC-SR.AL.0363.0800.L.Z3.F0040A.HA	SCPN235	G6	● 65,00
HPC-TF.AL.0362.0600.0L.Z3.R0150.HA	SCPN235	G6	● 72,30	HPC-SR.AL.0363.1000.L.Z3.F0040A.HA	SCPN235	G6	● 93,20
HPC-TF.AL.0362.0800.L.Z3.R0050.HA	SCPN235	G6	● 57,40	HPC-SR.AL.0363.1200.L.Z3.F0040A.HA	SCPN235	G6	● 123,90
HPC-TF.AL.0362.0800.L.Z3.R0100.HA	SCPN235	G6	● 57,40	HPC-SR.AL.0363.1600.L.Z3.F0040A.HB	SCPN235	G6	● 214,20
HPC-TF.AL.0362.0800.L.Z3.R0150.HA	SCPN235	G6	● 57,40	HPC-SR.AL.0363.2000.L.Z3.F0040A.HB	SCPN235	G6	● 314,00
HPC-TF.AL.0362.0800.L.Z3.R0200.HA	SCPN235	G6	● 57,40				
HPC-TF.AL.0362.0800.0LS.Z3.R0050.HA	SCPN235	G6	● 93,80	<b>W0367</b> 			
HPC-TF.AL.0362.0800.0LS.Z3.R0100.HA	SCPN235	G6	● 93,80	SC.H.0367.0300.L.Z6.S.HA	SCPH205	G6	● 33,50
HPC-TF.AL.0362.0800.0LS.Z3.R0150.HA	SCPN235	G6	● 93,80	SC.H.0367.0300.0L.Z6.S.HA	SCPH205	G6	● 38,10
HPC-TF.AL.0362.0800.0LS.Z3.R0200.HA	SCPN235	G6	● 93,80	SC.H.0367.0400.L.Z6.S.HA	SCPH205	G6	● 33,50
HPC-TF.AL.0362.1000.L.Z3.R0050.HA	SCPN235	G6	● 98,70	SC.H.0367.0400.0L.Z6.S.HA	SCPH205	G6	● 38,10
HPC-TF.AL.0362.1000.L.Z3.R0100.HA	SCPN235	G6	● 98,70	SC.H.0367.0500.L.Z6.S.HA	SCPH205	G6	● 31,40
HPC-TF.AL.0362.1000.L.Z3.R0150.HA	SCPN235	G6	● 98,70	SC.H.0367.0500.0L.Z6.S.HA	SCPH205	G6	● 36,30
HPC-TF.AL.0362.1000.L.Z3.R0200.HA	SCPN235	G6	● 98,70	SC.H.0367.0600.L.Z6.S.HA	SCPH205	G6	● 35,30
HPC-TF.AL.0362.1000.0LS.Z3.R0050.HA	SCPN235	G6	● 139,00	SC.H.0367.0600.0L.Z6.S.HA	SCPH205	G6	● 40,20
HPC-TF.AL.0362.1000.0LS.Z3.R0100.HA	SCPN235	G6	● 139,00	SC.H.0367.0800.L.Z6.S.HA	SCPH205	G6	● 40,20
HPC-TF.AL.0362.1000.0LS.Z3.R0150.HA	SCPN235	G6	● 139,00	SC.H.0367.0800.0L.Z6.S.HA	SCPH205	G6	● 46,60
HPC-TF.AL.0362.1000.0LS.Z3.R0200.HA	SCPN235	G6	● 139,00	SC.H.0367.1000.L.Z6.S.HA	SCPH205	G6	● 69,10
HPC-TF.AL.0362.1000.0L.Z3.R0050.HA	SCPN235	G6	● 139,00	SC.H.0367.1000.0L.Z6.S.HA	SCPH205	G6	● 79,30
HPC-TF.AL.0362.1000.0L.Z3.R0100.HA	SCPN235	G6	● 139,00	SC.H.0367.1200.L.Z6.S.HA	SCPH205	G6	● 93,70
HPC-TF.AL.0362.1000.0L.Z3.R0150.HA	SCPN235	G6	● 139,00	SC.H.0367.1200.0L.Z6.S.HA	SCPH205	G6	● 109,20
HPC-TF.AL.0362.1000.0L.Z3.R0200.HA	SCPN235	G6	● 139,00	SC.H.0367.1400.L.Z6.S.HA	SCPH205	G6	● 122,60
HPC-TF.AL.0362.1200.L.Z3.R0050.HA	SCPN235	G6	● 133,70	SC.H.0367.1400.0L.Z6.S.HA	SCPH205	G6	● 150,40
HPC-TF.AL.0362.1200.L.Z3.R0100.HA	SCPN235	G6	● 133,70	SC.H.0367.1600.L.Z8.S.HA	SCPH205	G6	● 166,90
HPC-TF.AL.0362.1200.L.Z3.R0150.HA	SCPN235	G6	● 133,70	SC.H.0367.1600.0L.Z8.S.HA	SCPH205	G6	● 205,00
HPC-TF.AL.0362.1200.L.Z3.R0200.HA	SCPN235	G6	● 133,70	SC.H.0367.1800.L.Z8.S.HA	SCPH205	G6	○ 184,40
HPC-TF.AL.0362.1200.L.Z3.R0400.HA	SCPN235	G6	● 133,70	SC.H.0367.1800.0L.Z8.S.HA	SCPH205	G6	○ 236,90
HPC-TF.AL.0362.1200.0LS.Z3.R0050.HA	SCPN235	G6	● 198,40	SC.H.0367.2000.L.Z8.S.HA	SCPH205	G6	● 238,00
HPC-TF.AL.0362.1200.0LS.Z3.R0100.HA	SCPN235	G6	● 198,40	SC.H.0367.2000.0L.Z8.S.HA	SCPH205	G6	● 303,90
HPC-TF.AL.0362.1200.0LS.Z3.R0150.HA	SCPN235	G6	● 198,40	SC.H.0367.2500.L.Z8.S.HA	SCPH205	G6	○ 755,00
HPC-TF.AL.0362.1200.0LS.Z3.R0200.HA	SCPN235	G6	● 198,40	SC.H.0367.2500.0L.Z8.S.HA	SCPH205	G6	○ 780,80
HPC-TF.AL.0362.1200.0LS.Z3.R0400.HA	SCPN235	G6	● 198,40	SC.H.0367.3200.L.Z8.S.HA	SCPH205	G6	○ 904,40
HPC-TF.AL.0362.1200.0L.Z3.R0050.HA	SCPN235	G6	● 198,40	SC.H.0367.3200.0L.Z8.S.HA	SCPH205	G6	● 928,10
HPC-TF.AL.0362.1200.0L.Z3.R0100.HA	SCPN235	G6	● 198,40				
HPC-TF.AL.0362.1200.0L.Z3.R0150.HA	SCPN235	G6	● 198,40	<b>W0369</b> 			
HPC-TF.AL.0362.1200.0L.Z3.R0200.HA	SCPN235	G6	● 198,40	HPC-SR.AL.0369.0600.L.Z3.F0040A.HA	SCPN235	G6	● 76,00
HPC-TF.AL.0362.1200.0L.Z3.R0400.HA	SCPN235	G6	● 198,40	HPC-SR.AL.0369.0800.L.Z3.F0040A.HA	SCPN235	G6	● 89,00
HPC-TF.AL.0362.1600.L.Z3.R0100.HA	SCPN235	G6	● 249,30	HPC-SR.AL.0369.1000.L.Z3.F0040A.HA	SCPN235	G6	● 121,00
HPC-TF.AL.0362.1600.L.Z3.R0200.HA	SCPN235	G6	● 249,30	HPC-SR.AL.0369.1200.L.Z3.F0040A.HA	SCPN235	G6	● 160,00
HPC-TF.AL.0362.1600.L.Z3.R0400.HA	SCPN235	G6	● 249,30	HPC-SR.AL.0369.1600.L.Z3.F0040A.HA	SCPN235	G6	● 299,00
HPC-TF.AL.0362.1600.0LS.Z3.R0100.HA	SCPN235	G6	● 421,10	HPC-SR.AL.0369.1600.L.Z3.F0040A.HB	SCPN235	G6	● 299,00
HPC-TF.AL.0362.1600.0LS.Z3.R0200.HA	SCPN235	G6	● 421,10	HPC-SR.AL.0369.2000.L.Z3.F0040A.HB	SCPN235	G6	● 399,00
HPC-TF.AL.0362.1600.0LS.Z3.R0400.HA	SCPN235	G6	● 421,10	HPC-SR.AL.0369.2000.L.Z3.F0040A.HB	SCPN235	G6	● 399,00
HPC-TF.AL.0362.2000.L.Z3.R0100.HA	SCPN235	G6	● 358,80				
HPC-TF.AL.0362.2000.L.Z3.R0200.HA	SCPN235	G6	● 358,80				
HPC-TF.AL.0362.2000.L.Z3.R0400.HA	SCPN235	G6	● 358,80				
HPC-TF.AL.0362.2000.0LS.Z3.R0100.HA	SCPN235	G6	● 541,20				
HPC-TF.AL.0362.2000.0LS.Z3.R0200.HA	SCPN235	G6	● 541,20				
HPC-TF.AL.0362.2000.0LS.Z3.R0400.HA	SCPN235	G6	● 541,20				
HPC-TF.AL.0362.2000.0L.Z3.R0100.HA	SCPN235	G6	● 541,20				
HPC-TF.AL.0362.2000.0L.Z3.R0200.HA	SCPN235	G6	● 541,20				
HPC-TF.AL.0362.2000.0L.Z3.R0400.HA	SCPN235	G6	● 541,20				

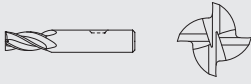
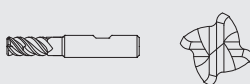


# Solid carbide tools

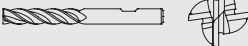

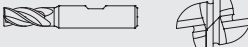
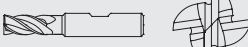

## Milling

Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
<div>W0374</div>					<div>W0421</div>				
HG-SC.ST.0374.0600.L.Z6.S.HA	SCPP225	G6	●	48,70	HPC-SR.ST.0421.0600.L.Z5.F0040A.HB	SCPP240	G6	●	85,90
HG-SC.ST.0374.0600.0LS.Z6.S.HA	SCPP225	G6	●	65,80	HPC-SR.ST.0421.0800.L.Z5.F0040A.HB	SCPP240	G6	●	112,30
HG-SC.ST.0374.0600.0L.Z6.S.HA	SCPP225	G6	●	69,90	HPC-SR.ST.0421.1000.L.Z5.F0040A.HB	SCPP240	G6	●	131,40
HG-SC.ST.0374.0800.L.Z6.S.HA	SCPP225	G6	●	55,80	HPC-SR.ST.0421.1200.L.Z5.F0040A.HB	SCPP240	G6	●	151,10
HG-SC.ST.0374.0800.0LS.Z6.S.HA	SCPP225	G6	●	81,60	HPC-SR.ST.0421.1400.L.Z5.F0040A.HB	SCPP240	G6	●	203,80
HG-SC.ST.0374.0800.0L.Z6.S.HA	SCPP225	G6	●	86,80	HPC-SR.ST.0421.1600.L.Z5.F0040A.HB	SCPP240	G6	●	241,80
HG-SC.ST.0374.1000.L.Z6.S.HA	SCPP225	G6	●	95,60	HPC-SR.ST.0421.1800.L.Z5.F0040A.HB	SCPP240	G6	○	283,10
HG-SC.ST.0374.1000.0LS.Z6.S.HA	SCPP225	G6	●	122,60	HPC-SR.ST.0421.2000.L.Z5.F0040A.HB	SCPP240	G6	●	359,50
HG-SC.ST.0374.1000.0L.Z6.S.HA	SCPP225	G6	●	131,40					
HG-SC.ST.0374.1200.L.Z6.S.HA	SCPP225	G6	●	129,80					
HG-SC.ST.0374.1200.0LS.Z6.S.HA	SCPP225	G6	●	189,60					
HG-SC.ST.0374.1200.0L.Z6.S.HA	SCPP225	G6	●	199,40					
HG-SC.ST.0374.1600.L.Z6.S.HA	SCPP225	G6	●	242,10					
HG-SC.ST.0374.1600.0LS.Z6.S.HA	SCPP225	G6	●	334,80					
HG-SC.ST.0374.1600.0L.Z8.S.HA	SCPP225	G6	●	359,50					
HG-SC.ST.0374.2000.L.Z6.S.HA	SCPP225	G6	●	350,20					
HG-SC.ST.0374.2000.0LS.Z6.S.HA	SCPP225	G6	●	461,50					
HG-SC.ST.0374.2000.0L.Z8.S.HA	SCPP225	G6	●	494,40					

<div>W0376</div>					<div>W0422</div>				
HG-SC.AL.0376.0600.L.Z6.S.HA	SCPN235	G6	●	55,20	HPC-SR.UN.0422.0400.LS.Z3.F0010A.HB	SCPP230	G7	●	81,00
HG-SC.AL.0376.0600.0LS.Z6.S.HA	SCPN235	G6	●	68,30	HPC-SR.UN.0422.0400.L.Z3.F0010A.HB	SCPP230	G7	●	81,00
HG-SC.AL.0376.0800.L.Z6.S.HA	SCPN235	G6	●	64,60	HPC-SR.UN.0422.0500.LS.Z3.F0010A.HB	SCPP230	G7	●	81,00
HG-SC.AL.0376.0800.0LS.Z6.S.HA	SCPN235	G6	●	82,90	HPC-SR.UN.0422.0500.L.Z3.F0010A.HB	SCPP230	G7	●	81,00
HG-SC.AL.0376.1000.L.Z6.S.HA	SCPN235	G6	●	102,20	HPC-SR.UN.0422.0600.LS.Z4.F0010A.HB	SCPP230	G7	●	81,00
HG-SC.AL.0376.1000.0LS.Z6.S.HA	SCPN235	G6	●	120,90	HPC-SR.UN.0422.0600.L.Z4.F0010A.HB	SCPP230	G7	●	81,00
HG-SC.AL.0376.1200.L.Z6.S.HA	SCPN235	G6	●	121,40	HPC-SR.UN.0422.0800.LS.Z4.F0020A.HB	SCPP230	G7	●	92,00
HG-SC.AL.0376.1200.0LS.Z6.S.HA	SCPN235	G6	●	159,80	HPC-SR.UN.0422.0800.L.Z4.F0020A.HB	SCPP230	G7	●	92,00
HG-SC.AL.0376.1200.0L.Z6.S.HA	SCPN235	G6	○	171,10	HPC-SR.UN.0422.1000.LS.Z4.F0020A.HB	SCPP230	G7	●	96,00
HG-SC.AL.0376.1600.L.Z6.S.HA	SCPN235	G6	●	223,30	HPC-SR.UN.0422.1000.L.Z4.F0020A.HB	SCPP230	G7	●	96,00
HG-SC.AL.0376.1600.0LS.Z6.S.HA	SCPN235	G6	●	315,10	HPC-SR.UN.0422.1200.LS.Z4.F0030A.HB	SCPP230	G7	●	116,00
HG-SC.AL.0376.1600.0L.Z6.S.HA	SCPN235	G6	●	329,00	HPC-SR.UN.0422.1200.L.Z4.F0030A.HB	SCPP230	G7	●	116,00
HG-SC.AL.0376.2000.L.Z6.S.HA	SCPN235	G6	●	361,40	HPC-SR.UN.0422.1600.LS.Z4.F0030A.HB	SCPP230	G7	●	199,00
HG-SC.AL.0376.2000.0LS.Z6.S.HA	SCPN235	G6	●	446,70	HPC-SR.UN.0422.1600.L.Z4.F0030A.HB	SCPP230	G7	●	199,00
HG-SC.AL.0376.2000.0L.Z6.S.HA	SCPN235	G6	●	468,00	HPC-SR.UN.0422.2000.LS.Z4.F0030A.HB	SCPP230	G7	●	323,00
					HPC-SR.UN.0422.2000.L.Z4.F0030A.HB	SCPP230	G7	●	323,00





<div>W0406</div>					<div>W0441</div>				
SF.UN.0406.0200.S.Z4.S.HA	SCPP225	G6	●	18,70	TF.H.0441.0400.L.Z4.R0050.HB	SCPH215	G6	●	53,00
SF.UN.0406.0300.S.Z4.S.HA	SCPP225	G6	●	18,70	TF.H.0441.0400.0L.Z4.R0050.HB	SCPH215	G6	●	60,70
SF.UN.0406.0400.S.Z4.S.HA	SCPP225	G6	●	19,10	TF.H.0441.0500.L.Z4.R0050.HB	SCPH215	G6	●	53,00
SF.UN.0406.0500.S.Z4.S.HA	SCPP225	G6	●	22,00	TF.H.0441.0500.0L.Z4.R0050.HB	SCPH215	G6	●	60,70
SF.UN.0406.0600.S.Z4.S.HB	SCPP225	G6	●	24,70	TF.H.0441.0600.L.Z4.R0050.HB	SCPH215	G6	●	61,80
SF.UN.0406.0800.0L.Z4.S.HA	SCPP225	G6	●	90,60	TF.H.0441.0600.0L.Z4.R0050.HB	SCPH215	G6	●	64,10
SF.UN.0406.0800.S.Z4.S.HB	SCPP225	G6	●	30,40	TF.H.0441.0800.L.Z4.R0100.HB	SCPH215	G6	●	67,80
SF.UN.0406.1000.0L.Z4.S.HA	SCPP225	G6	●	117,40	TF.H.0441.0800.0L.Z4.R0100.HB	SCPH215	G6	●	69,60
SF.UN.0406.1000.S.Z4.S.HB	SCPP225	G6	●	44,30	TF.H.0441.1000.L.Z4.R0100.HB	SCPH215	G6	●	107,20
SF.UN.0406.1200.0L.Z4.S.HA	SCPP225	G6	●	127,40	TF.H.0441.1000.0L.Z4.R0100.HB	SCPH215	G6	●	117,50
SF.UN.0406.1200.S.Z4.S.HB	SCPP225	G6	●	56,50	TF.H.0441.1200.L.Z4.R0150.HB	SCPH215	G6	●	141,20
SF.UN.0406.1600.0L.Z4.S.HA	SCPP225	G6	●	271,50	TF.H.0441.1200.0L.Z4.R0150.HB	SCPH215	G6	○	152,50
SF.UN.0406.1600.S.Z4.S.HB	SCPP225	G6	●	95,40	TF.H.0441.1400.L.Z4.R0150.HB	SCPH215	G6	○	191,60
SF.UN.0406.2000.0L.Z4.S.HA	SCPP225	G6	●	401,70	TF.H.0441.1400.0L.Z4.R0150.HB	SCPH215	G6	●	222,50
SF.UN.0406.2000.S.Z4.S.HB	SCPP225	G6	●	137,00	TF.H.0441.1600.L.Z4.R0200.HB	SCPH215	G6	●	259,60
					TF.H.0441.1600.0L.Z4.R0200.HB	SCPH215	G6	●	282,30
					TF.H.0441.1800.L.Z4.R0200.HB	SCPH215	G6	○	272,00
					TF.H.0441.1800.0L.Z4.R0200.HB	SCPH215	G6	●	326,60
					TF.H.0441.2000.L.Z4.R0200.HB	SCPH215	G6	●	382,20
					TF.H.0441.2000.0L.Z4.R0200.HB	SCPH215	G6	●	446,00


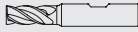



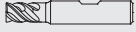


Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
<b>W0444</b> 				<b>W0448</b> 			
CPC-SF.UN.0444.0300.L.Z4.F0010A.HB	SCPP220	G7	● 40,20	HPC-TF.UN.0448.0300.L.Z4.R0010.HB	SCPP215	G6	● 42,10
CPC-SF.UN.0444.0400.L.Z4.F0010A.HB	SCPP220	G7	● 40,20	HPC-TF.UN.0448.0300.L.Z4.R0040.HB	SCPP215	G6	● 42,10
CPC-SF.UN.0444.0500.L.Z4.F0010A.HB	SCPP220	G7	● 40,20	HPC-TF.UN.0448.0300.L.Z4.R0050.HB	SCPP215	G6	● 42,10
CPC-SF.UN.0444.0600.L.Z4.F0010A.HB	SCPP220	G7	● 40,20	HPC-TF.UN.0448.0300.L.Z4.R0100.HB	SCPP215	G6	● 42,10
CPC-SF.UN.0444.0600.0LS.Z4.F0010A.HB	SCPP220	G7	● 68,80	HPC-TF.UN.0448.0400.L.Z4.R0010.HB	SCPP215	G6	● 42,10
CPC-SF.UN.0444.0600.0L.Z4.F0010A.HB	SCPP220	G7	● 75,80	HPC-TF.UN.0448.0400.L.Z4.R0040.HB	SCPP215	G6	● 42,10
CPC-SF.UN.0444.0800.L.Z4.F0020A.HB	SCPP220	G7	● 61,00	HPC-TF.UN.0448.0400.L.Z4.R0050.HB	SCPP215	G6	● 42,10
CPC-SF.UN.0444.0800.0LS.Z4.F0020A.HB	SCPP220	G7	● 91,50	HPC-TF.UN.0448.0400.L.Z4.R0100.HB	SCPP215	G6	● 42,10
CPC-SF.UN.0444.0800.0L.Z4.F0020A.HB	SCPP220	G7	● 98,50	HPC-TF.UN.0448.0500.L.Z4.R0010.HB	SCPP215	G6	● 42,80
CPC-SF.UN.0444.1000.L.Z4.F0020A.HB	SCPP220	G7	● 91,00	HPC-TF.UN.0448.0500.L.Z4.R0040.HB	SCPP215	G6	● 42,80
CPC-SF.UN.0444.1000.0LS.Z4.F0020A.HB	SCPP220	G7	● 104,50	HPC-TF.UN.0448.0500.L.Z4.R0050.HB	SCPP215	G6	● 42,80
CPC-SF.UN.0444.1000.0L.Z4.F0020A.HB	SCPP220	G7	● 134,50	HPC-TF.UN.0448.0500.L.Z4.R0100.HB	SCPP215	G6	● 42,80
CPC-SF.UN.0444.1200.L.Z4.F0030A.HB	SCPP220	G7	● 132,00	HPC-TF.UN.0448.0600.L.Z4.R0010.HB	SCPP215	G6	● 41,80
CPC-SF.UN.0444.1200.0LS.Z4.F0030A.HB	SCPP220	G7	● 201,50	HPC-TF.UN.0448.0600.L.Z4.R0050.HB	SCPP215	G6	● 41,80
CPC-SF.UN.0444.1200.0L.Z4.F0030A.HB	SCPP220	G7	● 231,50	HPC-TF.UN.0448.0600.L.Z4.R0100.HB	SCPP215	G6	● 41,80
CPC-SF.UN.0444.1600.L.Z4.F0030A.HB	SCPP220	G7	● 162,00	HPC-TF.UN.0448.0600.L.Z4.R0150.HB	SCPP215	G6	● 41,80
CPC-SF.UN.0444.1600.0LS.Z4.F0030A.HB	SCPP220	G7	● 311,50	HPC-TF.UN.0448.0800.L.Z4.R0015.HB	SCPP215	G6	● 52,40
CPC-SF.UN.0444.1600.0L.Z4.F0030A.HB	SCPP220	G7	● 411,50	HPC-TF.UN.0448.0800.L.Z4.R0050.HB	SCPP215	G6	● 52,40
CPC-SF.UN.0444.2000.L.Z4.F0030A.HB	SCPP220	G7	● 243,00	HPC-TF.UN.0448.0800.L.Z4.R0100.HB	SCPP215	G6	● 52,40
CPC-SF.UN.0444.2000.0LS.Z4.F0030A.HB	SCPP220	G7	● 435,00	HPC-TF.UN.0448.0800.L.Z4.R0150.HB	SCPP215	G6	● 52,40
CPC-SF.UN.0444.2000.0L.Z4.F0030A.HB	SCPP220	G7	● 548,00	HPC-TF.UN.0448.0800.L.Z4.R0200.HB	SCPP215	G6	● 52,40
<b>W0445</b> 				HPC-TF.UN.0448.1000.L.Z4.R0015.HB	SCPP215	G6	● 65,40
HPC-SF.VA.0445.0400.L.Z4.F0010A.HB	SCPM240	G6	● 50,40	HPC-TF.UN.0448.1000.L.Z4.R0050.HB	SCPP215	G6	● 65,40
HPC-SF.VA.0445.0500.L.Z4.F0010A.HB	SCPM240	G6	● 50,40	HPC-TF.UN.0448.1000.L.Z4.R0100.HB	SCPP215	G6	● 65,40
HPC-SF.VA.0445.0600.L.Z4.F0010A.HB	SCPM240	G6	● 50,40	HPC-TF.UN.0448.1000.L.Z4.R0150.HB	SCPP215	G6	● 65,40
HPC-SF.VA.0445.0800.L.Z4.F0020A.HB	SCPM240	G6	● 69,00	HPC-TF.UN.0448.1000.L.Z4.R0200.HB	SCPP215	G6	● 65,40
HPC-SF.VA.0445.1000.L.Z4.F0020A.HB	SCPM240	G6	● 101,90	HPC-TF.UN.0448.1200.L.Z4.R0020.HB	SCPP215	G6	● 100,90
HPC-SF.VA.0445.1200.L.Z4.F0030A.HB	SCPM240	G6	● 132,00	HPC-TF.UN.0448.1200.L.Z4.R0050.HB	SCPP215	G6	● 100,90
HPC-SF.VA.0445.1600.L.Z4.F0030A.HB	SCPM240	G6	● 199,70	HPC-TF.UN.0448.1200.L.Z4.R0100.HB	SCPP215	G6	● 100,90
HPC-SF.VA.0445.2000.L.Z4.F0030A.HB	SCPM240	G6	● 287,00	HPC-TF.UN.0448.1200.L.Z4.R0150.HB	SCPP215	G6	● 100,90
<b>W0446</b> 				HPC-TF.UN.0448.1200.L.Z4.R0200.HB	SCPP215	G6	● 100,90
CPC-SF.ST.0446.0300.L.Z4.F0010A.HB	SCPP220	G7	● 40,20	HPC-TF.UN.0448.1200.L.Z4.R0400.HB	SCPP215	G6	● 100,90
CPC-SF.ST.0446.0400.L.Z4.F0010A.HB	SCPP220	G7	● 40,20	HPC-TF.UN.0448.1400.L.Z4.R0030.HB	SCPP215	G6	● 152,50
CPC-SF.ST.0446.0500.L.Z4.F0010A.HB	SCPP220	G7	● 40,20	HPC-TF.UN.0448.1400.L.Z4.R0100.HB	SCPP215	G6	● 152,50
CPC-SF.ST.0446.0600.L.Z4.F0010A.HB	SCPP220	G7	● 40,20	HPC-TF.UN.0448.1400.L.Z4.R0200.HB	SCPP215	G6	● 152,50
CPC-SF.ST.0446.0600.0LS.Z4.F0010A.HB	SCPP220	G7	● 68,80	HPC-TF.UN.0448.1400.L.Z4.R0400.HB	SCPP215	G6	● 152,50
CPC-SF.ST.0446.0600.0L.Z4.F0010A.HB	SCPP220	G7	● 75,80	HPC-TF.UN.0448.1800.L.Z4.R0100.HB	SCPP215	G6	● 203,00
CPC-SF.ST.0446.0800.L.Z4.F0020A.HB	SCPP220	G7	● 61,00	HPC-TF.UN.0448.1800.L.Z4.R0200.HB	SCPP215	G6	● 203,00
CPC-SF.ST.0446.0800.0LS.Z4.F0020A.HB	SCPP220	G7	● 91,50	HPC-TF.UN.0448.1800.L.Z4.R0400.HB	SCPP215	G6	● 203,00
CPC-SF.ST.0446.0800.0L.Z4.F0020A.HB	SCPP220	G7	● 98,50	HPC-TF.UN.0448.2000.L.Z4.R0030.HB	SCPP215	G6	● 228,70
CPC-SF.ST.0446.1000.L.Z4.F0020A.HB	SCPP220	G7	● 91,00	HPC-TF.UN.0448.2000.L.Z4.R0100.HB	SCPP215	G6	● 228,70
CPC-SF.ST.0446.1000.0LS.Z4.F0020A.HB	SCPP220	G7	● 104,50	HPC-TF.UN.0448.2000.L.Z4.R0200.HB	SCPP215	G6	● 228,70
CPC-SF.ST.0446.1000.0L.Z4.F0020A.HB	SCPP220	G7	● 134,50	HPC-TF.UN.0448.2000.L.Z4.R0400.HB	SCPP215	G6	● 228,70
CPC-SF.ST.0446.1200.L.Z4.F0030A.HB	SCPP220	G7	● 132,00	<b>W0450</b> 			
CPC-SF.ST.0446.1200.0LS.Z4.F0030A.HB	SCPP220	G7	● 201,50	HPC-SF.ST.0450.0300.L.Z4.F0010A.HB	SCPP215	G6	● 44,10
CPC-SF.ST.0446.1200.0L.Z4.F0030A.HB	SCPP220	G7	● 231,50	HPC-SF.ST.0450.0300.S.Z4.F0010A.HB	SCPP215	G6	● 44,10
CPC-SF.ST.0446.1600.L.Z4.F0030A.HB	SCPP220	G7	● 162,00	HPC-SF.ST.0450.0400.L.Z4.F0010A.HB	SCPP215	G6	● 44,10
CPC-SF.ST.0446.1600.0LS.Z4.F0030A.HB	SCPP220	G7	● 311,50	HPC-SF.ST.0450.0400.S.Z4.F0010A.HB	SCPP215	G6	● 44,10
CPC-SF.ST.0446.1600.0L.Z4.F0030A.HB	SCPP220	G7	● 411,50	HPC-SF.ST.0450.0500.L.Z4.F0010A.HB	SCPP215	G6	● 44,10
CPC-SF.ST.0446.2000.L.Z4.F0030A.HB	SCPP220	G7	● 243,00	HPC-SF.ST.0450.0500.S.Z4.F0010A.HB	SCPP215	G6	● 44,10
CPC-SF.ST.0446.2000.0LS.Z4.F0030A.HB	SCPP220	G7	● 435,00	HPC-SF.ST.0450.0600.L.Z4.F0010A.HB	SCPP215	G6	● 46,30
CPC-SF.ST.0446.2000.0L.Z4.F0030A.HB	SCPP220	G7	● 548,00	HPC-SF.ST.0450.0600.S.Z4.F0010A.HB	SCPP215	G6	● 46,30
				HPC-SF.ST.0450.0800.L.Z4.F0020A.HB	SCPP215	G6	● 53,10

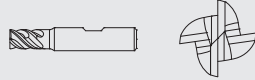
# Solid carbide tools

## Milling

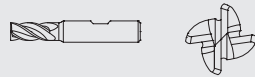
Designation	Grade	PG	€ each	Designation	Grade	PG	€ each		
<b>W0450</b> <div></div>				<b>W0451</b> <div></div>					
HPC-SF.ST.0450.0800.S.Z4.F0020A.HB	SCPP215	G6	●	47,40	HPC-SF.UN.0451.1600.S.Z4.F0030A.HB	SCPP215	G6	●	138,10
HPC-SF.ST.0450.1000.L.Z4.F0020A.HB	SCPP215	G6	●	91,20	HPC-SF.UN.0451.1700.L.Z4.F0030A.HB	SCPP215	G6	●	188,50
HPC-SF.ST.0450.1000.S.Z4.F0020A.HB	SCPP215	G6	●	81,80	HPC-SF.UN.0451.1700.S.Z4.F0030A.HB	SCPP215	G6	●	188,50
HPC-SF.ST.0450.1200.L.Z4.F0030A.HB	SCPP215	G6	●	123,60	HPC-SF.UN.0451.1800.L.Z4.F0030A.HB	SCPP215	G6	●	188,50
HPC-SF.ST.0450.1200.S.Z4.F0030A.HB	SCPP215	G6	●	111,30	HPC-SF.UN.0451.1800.S.Z4.F0030A.HB	SCPP215	G6	●	188,50
HPC-SF.ST.0450.1400.L.Z4.F0030A.HB	SCPP215	G6	●	176,20	HPC-SF.UN.0451.1900.L.Z4.F0030A.HB	SCPP215	G6	●	212,20
HPC-SF.ST.0450.1400.S.Z4.F0030A.HB	SCPP215	G6	●	159,70	HPC-SF.UN.0451.1900.S.Z4.F0030A.HB	SCPP215	G6	●	212,20
HPC-SF.ST.0450.1600.L.Z4.F0030A.HB	SCPP215	G6	●	230,80	HPC-SF.UN.0451.2000.LS.Z4.F0030A.HB	SCPP215	G6	●	212,20
HPC-SF.ST.0450.1600.S.Z4.F0030A.HB	SCPP215	G6	●	175,10	HPC-SF.UN.0451.2000.L.Z4.F0030A.HB	SCPP215	G6	●	212,20
HPC-SF.ST.0450.1800.S.Z4.F0030A.HB	SCPP215	G6	○	233,90	HPC-SF.UN.0451.2000.OL.Z4.F0030A.HB	SCPP215	G6	●	352,30
HPC-SF.ST.0450.2000.L.Z4.F0030A.HB	SCPP215	G6	●	331,70	HPC-SF.UN.0451.2000.S.Z4.F0030A.HB	SCPP215	G6	●	212,20
HPC-SF.ST.0450.2000.S.Z4.F0030A.HB	SCPP215	G6	●	298,70					

<b>W0451</b> <div></div>				<b>W0452</b> <div></div>					
HPC-SF.UN.0451.0300.LS.Z4.F0010A.HB	SCPP215	G6	●	32,00	HPC-SF.ST.0452.0300.L.Z4.F0010A.HB	SCPP235	G6	●	39,00
HPC-SF.UN.0451.0300.L.Z4.F0010A.HB	SCPP215	G6	●	32,00	HPC-SF.ST.0452.0300.S.Z4.F0010A.HB	SCPP235	G6	●	43,40
HPC-SF.UN.0451.0300.S.Z4.F0010A.HB	SCPP215	G6	●	32,00	HPC-SF.ST.0452.0400.L.Z4.F0010A.HB	SCPP235	G6	●	39,00
HPC-SF.UN.0451.0350.L.Z4.F0010A.HB	SCPP215	G6	●	32,00	HPC-SF.ST.0452.0400.S.Z4.F0010A.HB	SCPP235	G6	●	39,00
HPC-SF.UN.0451.0350.S.Z4.F0010A.HB	SCPP215	G6	●	32,00	HPC-SF.ST.0452.0500.L.Z4.F0010A.HB	SCPP235	G6	●	39,00
HPC-SF.UN.0451.0400.LS.Z4.F0010A.HB	SCPP215	G6	●	32,00	HPC-SF.ST.0452.0500.S.Z4.F0010A.HB	SCPP235	G6	●	39,00
HPC-SF.UN.0451.0400.L.Z4.F0010A.HB	SCPP215	G6	●	32,00	HPC-SF.ST.0452.0600.L.Z4.F0010A.HB	SCPP235	G6	●	39,00
HPC-SF.UN.0451.0400.S.Z4.F0010A.HB	SCPP215	G6	●	32,00	HPC-SF.ST.0452.0600.OL.Z4.F0010A.HB	SCPP235	G6	●	68,00
HPC-SF.UN.0451.0400.S.Z4.F0010A.HB	SCPP215	G6	●	32,00	HPC-SF.ST.0452.0600.S.Z4.F0010A.HB	SCPP235	G6	●	39,00
HPC-SF.UN.0451.0450.L.Z4.F0010A.HB	SCPP215	G6	●	32,70	HPC-SF.ST.0452.0800.L.Z4.F0020A.HB	SCPP235	G6	●	57,00
HPC-SF.UN.0451.0450.S.Z4.F0010A.HB	SCPP215	G6	●	32,70	HPC-SF.ST.0452.0800.OL.Z4.F0020A.HB	SCPP235	G6	●	77,00
HPC-SF.UN.0451.0500.LS.Z4.F0010A.HB	SCPP215	G6	●	32,70	HPC-SF.ST.0452.0800.S.Z4.F0020A.HB	SCPP235	G6	●	51,00
HPC-SF.UN.0451.0500.L.Z4.F0010A.HB	SCPP215	G6	●	32,70	HPC-SF.ST.0452.1000.L.Z4.F0020A.HB	SCPP235	G6	●	79,00
HPC-SF.UN.0451.0500.S.Z4.F0010A.HB	SCPP215	G6	●	32,70	HPC-SF.ST.0452.1000.OL.Z4.F0020A.HB	SCPP235	G6	●	99,00
HPC-SF.UN.0451.0550.L.Z4.F0010A.HB	SCPP215	G6	●	31,60	HPC-SF.ST.0452.1000.S.Z4.F0020A.HB	SCPP235	G6	●	75,00
HPC-SF.UN.0451.0550.S.Z4.F0010A.HB	SCPP215	G6	●	31,60	HPC-SF.ST.0452.1200.L.Z4.F0030A.HB	SCPP235	G6	●	114,50
HPC-SF.UN.0451.0600.LS.Z4.F0010A.HB	SCPP215	G6	●	31,60	HPC-SF.ST.0452.1200.OL.Z4.F0030A.HB	SCPP235	G6	●	163,40
HPC-SF.UN.0451.0600.L.Z4.F0010A.HB	SCPP215	G6	●	31,60	HPC-SF.ST.0452.1200.S.Z4.F0030A.HB	SCPP235	G6	●	103,40
HPC-SF.UN.0451.0600.OL.Z4.F0010A.HB	SCPP215	G6	●	52,40	HPC-SF.ST.0452.1400.L.Z4.F0030A.HB	SCPP235	G6	●	165,40
HPC-SF.UN.0451.0600.S.Z4.F0010A.HB	SCPP215	G6	●	31,60	HPC-SF.ST.0452.1400.S.Z4.F0030A.HB	SCPP235	G6	●	148,90
HPC-SF.UN.0451.0700.L.Z4.F0020A.HB	SCPP215	G6	●	42,20	HPC-SF.ST.0452.1600.L.Z4.F0030A.HB	SCPP235	G6	●	196,00
HPC-SF.UN.0451.0700.S.Z4.F0020A.HB	SCPP215	G6	●	42,20	HPC-SF.ST.0452.1600.OL.Z4.F0030A.HB	SCPP235	G6	●	361,00
HPC-SF.UN.0451.0800.LS.Z4.F0020A.HB	SCPP215	G6	●	42,20	HPC-SF.ST.0452.1600.S.Z4.F0030A.HB	SCPP235	G6	●	184,00
HPC-SF.UN.0451.0800.L.Z4.F0020A.HB	SCPP215	G6	●	42,20	HPC-SF.ST.0452.1800.L.Z4.F0030A.HB	SCPP235	G6	●	227,00
HPC-SF.UN.0451.0800.OL.Z4.F0020A.HB	SCPP215	G6	●	70,00	HPC-SF.ST.0452.1800.S.Z4.F0030A.HB	SCPP235	G6	●	219,00
HPC-SF.UN.0451.0800.S.Z4.F0020A.HB	SCPP215	G6	●	42,20	HPC-SF.ST.0452.2000.L.Z4.F0030A.HB	SCPP235	G6	●	278,00
HPC-SF.UN.0451.0900.L.Z4.F0020A.HB	SCPP215	G6	●	54,90	HPC-SF.ST.0452.2000.OL.Z4.F0030A.HB	SCPP235	G6	●	459,00
HPC-SF.UN.0451.0900.S.Z4.F0020A.HB	SCPP215	G6	●	54,90	HPC-SF.ST.0452.2000.S.Z4.F0030A.HB	SCPP235	G6	●	255,00
HPC-SF.UN.0451.1000.LS.Z4.F0020A.HB	SCPP215	G6	●	54,90					
HPC-SF.UN.0451.1000.L.Z4.F0020A.HB	SCPP215	G6	●	54,90	<b>W0453</b> <div></div>				
HPC-SF.UN.0451.1000.OL.Z4.F0020A.HB	SCPP215	G6	●	91,20	HPC-SF.H.0453.0300.L.Z4.F0010A.HB	SCPH205	G6	●	39,10
HPC-SF.UN.0451.1000.S.Z4.F0020A.HB	SCPP215	G6	●	54,90	HPC-SF.H.0453.0300.S.Z4.F0010A.HB	SCPH205	G6	●	39,10
HPC-SF.UN.0451.1100.L.Z4.F0030A.HB	SCPP215	G6	●	87,00	HPC-SF.H.0453.0400.L.Z4.F0010A.HB	SCPH205	G6	●	39,10
HPC-SF.UN.0451.1100.S.Z4.F0030A.HB	SCPP215	G6	●	87,00	HPC-SF.H.0453.0400.OL.Z4.F0010A.HB	SCPH205	G6	●	58,50
HPC-SF.UN.0451.1200.LS.Z4.F0030A.HB	SCPP215	G6	●	87,00	HPC-SF.H.0453.0400.S.Z4.F0010A.HB	SCPH205	G6	●	39,10
HPC-SF.UN.0451.1200.L.Z4.F0030A.HB	SCPP215	G6	●	87,00	HPC-SF.H.0453.0500.L.Z4.F0010A.HB	SCPH205	G6	●	39,10
HPC-SF.UN.0451.1200.OL.Z4.F0030A.HB	SCPP215	G6	●	144,20	HPC-SF.H.0453.0500.OL.Z4.F0010A.HB	SCPH205	G6	●	58,50
HPC-SF.UN.0451.1200.S.Z4.F0030A.HB	SCPP215	G6	●	87,00	HPC-SF.H.0453.0500.S.Z4.F0010A.HB	SCPH205	G6	●	39,10
HPC-SF.UN.0451.1400.L.Z4.F0030A.HB	SCPP215	G6	●	111,30	HPC-SF.H.0453.0600.L.Z4.F0010A.HB	SCPH205	G6	●	39,00
HPC-SF.UN.0451.1400.S.Z4.F0030A.HB	SCPP215	G6	●	111,30	HPC-SF.H.0453.0600.OL.Z4.F0010A.HB	SCPH205	G6	●	58,50
HPC-SF.UN.0451.1500.L.Z4.F0030A.HB	SCPP215	G6	●	138,10	HPC-SF.H.0453.0600.S.Z4.F0010A.HB	SCPH205	G6	●	39,00
HPC-SF.UN.0451.1500.S.Z4.F0030A.HB	SCPP215	G6	●	138,10					
HPC-SF.UN.0451.1600.LS.Z4.F0030A.HB	SCPP215	G6	●	138,10					
HPC-SF.UN.0451.1600.L.Z4.F0030A.HB	SCPP215	G6	●	138,10					
HPC-SF.UN.0451.1600.OL.Z4.F0030A.HB	SCPP215	G6	●	229,20					

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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**W0453**

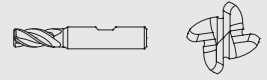
HPC-SF.H.0453.0800.L.Z4.F0020A.HB	SCPH205	G6	●	57,00
HPC-SF.H.0453.0800.OL.Z4.F0020A.HB	SCPH205	G6	●	85,00
HPC-SF.H.0453.0800.S.Z4.F0020A.HB	SCPH205	G6	●	51,00
HPC-SF.H.0453.1000.L.Z4.F0020A.HB	SCPH205	G6	●	79,00
HPC-SF.H.0453.1000.OL.Z4.F0020A.HB	SCPH205	G6	●	106,00
HPC-SF.H.0453.1000.S.Z4.F0020A.HB	SCPH205	G6	●	75,00
HPC-SF.H.0453.1200.L.Z4.F0030A.HB	SCPH205	G6	●	106,90
HPC-SF.H.0453.1200.OL.Z4.F0030A.HB	SCPH205	G6	●	146,00
HPC-SF.H.0453.1200.S.Z4.F0030A.HB	SCPH205	G6	●	96,00
HPC-SF.H.0453.1400.L.Z4.F0030A.HB	SCPH205	G6	○	159,00
HPC-SF.H.0453.1400.OL.Z4.F0030A.HB	SCPH205	G6	○	202,00
HPC-SF.H.0453.1400.S.Z4.F0030A.HB	SCPH205	G6	○	159,00
HPC-SF.H.0453.1600.L.Z4.F0030A.HB	SCPH205	G6	●	195,90
HPC-SF.H.0453.1600.OL.Z4.F0030A.HB	SCPH205	G6	●	292,00
HPC-SF.H.0453.1600.S.Z4.F0030A.HB	SCPH205	G6	●	179,00
HPC-SF.H.0453.1800.L.Z4.F0030A.HB	SCPH205	G6	○	338,00
HPC-SF.H.0453.1800.S.Z4.F0030A.HB	SCPH205	G6	○	219,00
HPC-SF.H.0453.2000.L.Z4.F0030A.HB	SCPH205	G6	●	259,00
HPC-SF.H.0453.2000.OL.Z4.F0030A.HB	SCPH205	G6	○	419,00
HPC-SF.H.0453.2000.S.Z4.F0030A.HB	SCPH205	G6	●	249,00

**W0456**

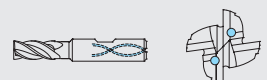
HPC-SF.TI.0456.0400.L.Z4.R0010.HB	SCPS240	G7	●	45,40
HPC-SF.TI.0456.0500.L.Z4.R0010.HB	SCPS240	G7	●	45,40
HPC-SF.TI.0456.0600.L.Z4.R0010.HB	SCPS240	G7	●	47,90
HPC-SF.TI.0456.0800.L.Z4.R0020.HB	SCPS240	G7	●	54,90
HPC-SF.TI.0456.1000.L.Z4.R0020.HB	SCPS240	G7	●	94,40
HPC-SF.TI.0456.1200.L.Z4.R0020.HB	SCPS240	G7	●	128,00
HPC-SF.TI.0456.1600.L.Z4.R0030.HB	SCPS240	G7	●	265,00
HPC-SF.TI.0456.2000.L.Z4.R0030.HB	SCPS240	G7	●	343,00

**W0457**

HPC-TF.TI.0457.0400.L.Z4.R0020.HB	SCPS240	G7	●	46,40
HPC-TF.TI.0457.0400.L.Z4.R0040.HB	SCPS240	G7	●	46,40
HPC-TF.TI.0457.0400.L.Z4.R0050.HB	SCPS240	G7	●	46,40
HPC-TF.TI.0457.0400.L.Z4.R0100.HB	SCPS240	G7	●	46,40
HPC-TF.TI.0457.0500.L.Z4.R0050.HB	SCPS240	G7	●	46,40
HPC-TF.TI.0457.0500.L.Z4.R0100.HB	SCPS240	G7	●	46,40
HPC-TF.TI.0457.0600.L.Z4.R0040.HB	SCPS240	G7	●	48,80
HPC-TF.TI.0457.0600.L.Z4.R0050.HB	SCPS240	G7	●	48,80
HPC-TF.TI.0457.0600.L.Z4.R0060.HB	SCPS240	G7	●	48,80
HPC-TF.TI.0457.0600.L.Z4.R0080.HB	SCPS240	G7	●	48,80
HPC-TF.TI.0457.0600.L.Z4.R0100.HB	SCPS240	G7	●	48,80
HPC-TF.TI.0457.0800.L.Z4.R0050.HB	SCPS240	G7	●	56,00
HPC-TF.TI.0457.0800.L.Z4.R0080.HB	SCPS240	G7	●	56,00
HPC-TF.TI.0457.0800.L.Z4.R0100.HB	SCPS240	G7	●	56,00
HPC-TF.TI.0457.0800.L.Z4.R0120.HB	SCPS240	G7	●	56,00
HPC-TF.TI.0457.0800.L.Z4.R0150.HB	SCPS240	G7	●	56,00
HPC-TF.TI.0457.0800.L.Z4.R0200.HB	SCPS240	G7	●	56,00
HPC-TF.TI.0457.1000.L.Z4.R0030.HB	SCPS240	G7	●	96,20
HPC-TF.TI.0457.1000.L.Z4.R0050.HB	SCPS240	G7	●	96,20
HPC-TF.TI.0457.1000.L.Z4.R0100.HB	SCPS240	G7	●	96,20
HPC-TF.TI.0457.1000.L.Z4.R0120.HB	SCPS240	G7	●	96,20
HPC-TF.TI.0457.1000.L.Z4.R0150.HB	SCPS240	G7	●	96,20

**W0457**

HPC-TF.TI.0457.1000.L.Z4.R0160.HB	SCPS240	G7	●	96,20
HPC-TF.TI.0457.1000.L.Z4.R0200.HB	SCPS240	G7	●	96,20
HPC-TF.TI.0457.1200.L.Z4.R0030.HB	SCPS240	G7	●	130,00
HPC-TF.TI.0457.1200.L.Z4.R0050.HB	SCPS240	G7	●	130,00
HPC-TF.TI.0457.1200.L.Z4.R0100.HB	SCPS240	G7	●	130,00
HPC-TF.TI.0457.1200.L.Z4.R0120.HB	SCPS240	G7	●	130,00
HPC-TF.TI.0457.1200.L.Z4.R0150.HB	SCPS240	G7	●	130,00
HPC-TF.TI.0457.1200.L.Z4.R0160.HB	SCPS240	G7	●	130,00
HPC-TF.TI.0457.1200.L.Z4.R0200.HB	SCPS240	G7	●	130,00
HPC-TF.TI.0457.1200.L.Z4.R0250.HB	SCPS240	G7	●	130,00
HPC-TF.TI.0457.1200.L.Z4.R0400.HB	SCPS240	G7	●	130,00
HPC-TF.TI.0457.1600.L.Z4.R0100.HB	SCPS240	G7	●	259,00
HPC-TF.TI.0457.1600.L.Z4.R0160.HB	SCPS240	G7	●	259,00
HPC-TF.TI.0457.1600.L.Z4.R0200.HB	SCPS240	G7	●	259,00
HPC-TF.TI.0457.1600.L.Z4.R0250.HB	SCPS240	G7	●	259,00
HPC-TF.TI.0457.1600.L.Z4.R0320.HB	SCPS240	G7	●	259,00
HPC-TF.TI.0457.1600.L.Z4.R0400.HB	SCPS240	G7	●	259,00
HPC-TF.TI.0457.2000.L.Z4.R0100.HB	SCPS240	G7	●	391,00
HPC-TF.TI.0457.2000.L.Z4.R0200.HB	SCPS240	G7	●	391,00
HPC-TF.TI.0457.2000.L.Z4.R0400.HB	SCPS240	G7	●	391,00
HPC-TF.TI.0457.2000.L.Z4.R0500.HB	SCPS240	G7	●	391,00
HPC-TF.TI.0457.2000.L.Z4.R0630.HB	SCPS240	G7	●	391,00

**W0459**

HPC-SF.UN.0459.0600.L.Z4.F0010A.HB	SCPP240	G6	●	65,20
HPC-SF.UN.0459.0800.L.Z4.F0020A.HB	SCPP240	G6	●	88,20
HPC-SF.UN.0459.1000.L.Z4.F0020A.HB	SCPP240	G6	●	123,80
HPC-SF.UN.0459.1200.L.Z4.F0030A.HB	SCPP240	G6	●	167,90
HPC-SF.UN.0459.1600.L.Z4.F0030A.HB	SCPP240	G6	●	304,60
HPC-SF.UN.0459.2000.L.Z4.F0030A.HB	SCPP240	G6	●	438,10



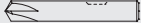

**W0460**



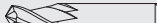

HPC-SF.AL.0460.0300.L.Z4.F0010A.HA	SCPN235	G6	●	47,30
HPC-SF.AL.0460.0400.L.Z4.F0010A.HA	SCPN235	G6	●	47,30
HPC-SF.AL.0460.0400.OL.Z4.S.HA	SCPN235	G6	●	62,00
HPC-SF.AL.0460.0500.L.Z4.F0010A.HA	SCPN235	G6	●	47,30
HPC-SF.AL.0460.0500.OL.Z4.S.HA	SCPN235	G6	●	62,00
HPC-SF.AL.0460.0600.L.Z4.F0020A.HA	SCPN235	G6	●	47,30
HPC-SF.AL.0460.0600.OL.Z4.F0020A.HA	SCPN235	G6	●	74,70
HPC-SF.AL.0460.0800.L.Z4.F0020A.HA	SCPN235	G6	●	54,30
HPC-SF.AL.0460.0800.OL.Z4.F0020A.HA	SCPN235	G6	●	96,90
HPC-SF.AL.0460.1000.L.Z4.F0020A.HA	SCPN235	G6	●	93,00
HPC-SF.AL.0460.1000.OL.Z4.F0020A.HA	SCPN235	G6	●	143,50
HPC-SF.AL.0460.1200.L.Z4.F0020A.HA	SCPN235	G6	●	126,40
HPC-SF.AL.0460.1200.OL.Z4.F0020A.HA	SCPN235	G6	●	205,00
HPC-SF.AL.0460.1600.L.Z4.F0020A.HB	SCPN235	G6	●	235,30
HPC-SF.AL.0460.1600.OL.Z4.F0020A.HB	SCPN235	G6	●	395,00
HPC-SF.AL.0460.2000.L.Z4.F0020A.HB	SCPN235	G6	●	338,50
HPC-SF.AL.0460.2000.OL.Z4.F0020A.HB	SCPN235	G6	●	484,00

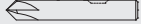

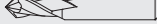





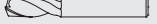

# Solid carbide tools

## Milling

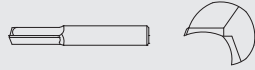
Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
<b>W0550</b>  					<b>W0742</b>  				
HPC-SF.ST.0550.0600.L.Z5.F0010A.HB	SCPP240	G6	●	82,00	E.AL.0742.0400.S.Z4.HA	SCWN225	G6	●	21,20
HPC-SF.ST.0550.0800.L.Z5.F0020A.HB	SCPP240	G6	●	126,50	E.AL.0742.0600.S.Z4.HB	SCWN225	G6	●	27,40
HPC-SF.ST.0550.1000.L.Z5.F0020A.HB	SCPP240	G6	●	126,00	E.AL.0742.0800.S.Z4.HB	SCWN225	G6	●	32,40
HPC-SF.ST.0550.1200.L.Z5.F0030A.HB	SCPP240	G6	●	144,00	E.AL.0742.1000.S.Z4.HB	SCWN225	G6	●	39,90
HPC-SF.ST.0550.1600.L.Z5.F0030A.HB	SCPP240	G6	●	231,00	E.AL.0742.1200.S.Z4.HB	SCWN225	G6	●	55,90
HPC-SF.ST.0550.2000.L.Z5.F0030A.HB	SCPP240	G6	●	343,00	E.UN.0742.0400.S.Z4.HA	SCPP225	G6	●	28,30
					E.UN.0742.0600.S.Z4.HB	SCPP225	G6	●	38,10
					E.UN.0742.0800.S.Z4.HB	SCPP225	G6	●	46,20
					E.UN.0742.1000.S.Z4.HB	SCPP225	G6	●	56,30
					E.UN.0742.1200.S.Z4.HB	SCPP225	G6	●	76,40

<b>W0556</b>  					<b>W0750</b>  				
HPC-SF.TI.0556.0400.L.Z5.R0010.HB	SCPS240	G7	●	49,30	FF.AL.0750.0300.L.Z2.HA	SCWP225	G6	●	44,10
HPC-SF.TI.0556.0500.L.Z5.R0010.HB	SCPS240	G7	●	49,30	FF.AL.0750.0400.L.Z2.HA	SCWP225	G6	●	44,10
HPC-SF.TI.0556.0600.L.Z5.R0010.HB	SCPS240	G7	●	51,80	FF.AL.0750.0500.L.Z2.HA	SCWP225	G6	●	44,10
HPC-SF.TI.0556.0800.L.Z5.R0020.HB	SCPS240	G7	●	59,50	FF.AL.0750.0600.L.Z2.HA	SCWP225	G6	●	44,10
HPC-SF.TI.0556.1000.L.Z5.R0020.HB	SCPS240	G7	●	102,00	FF.AL.0750.0800.L.Z2.HA	SCWP225	G6	●	52,67
HPC-SF.TI.0556.1200.L.Z5.R0020.HB	SCPS240	G7	●	138,10	FF.AL.0750.1000.L.Z2.HA	SCWP225	G6	●	71,05
HPC-SF.TI.0556.1600.L.Z5.R0030.HB	SCPS240	G7	●	286,40	FF.AL.0750.1200.L.Z2.HA	SCWP225	G6	●	100,45
HPC-SF.TI.0556.2000.L.Z5.R0030.HB	SCPS240	G7	●	370,80	FF.AL.0750.1600.L.Z2.HA	SCWP225	G6	●	159,25
					FF.AL.0750.2000.L.Z2.HA	SCWP225	G6	●	251,61

<b>W0740</b>  					<b>W0751</b>  				
E.AL.0740.0400.S.Z4.HA	SCWN225	G6	●	21,20	FF.AL.0751.0300.L.Z2.HA	SCWP225	G6	●	44,10
E.AL.0740.0600.S.Z4.HA	SCWN225	G6	●	27,40	FF.AL.0751.0400.L.Z2.HA	SCWP225	G6	●	44,10
E.AL.0740.0600.S.Z4.HB	SCWN225	G6	●	27,40	FF.AL.0751.0500.L.Z2.HA	SCWP225	G6	●	44,10
E.AL.0740.0800.S.Z4.HA	SCWN225	G6	●	32,40	FF.AL.0751.0600.L.Z2.HA	SCWP225	G6	●	44,10
E.AL.0740.0800.S.Z4.HB	SCWN225	G6	●	32,40	FF.AL.0751.0800.L.Z2.HA	SCWP225	G6	●	52,67
E.AL.0740.1000.S.Z4.HA	SCWN225	G6	●	39,90	FF.AL.0751.1000.L.Z2.HA	SCWP225	G6	●	71,05
E.AL.0740.1000.S.Z4.HB	SCWN225	G6	●	39,90	FF.AL.0751.1200.L.Z2.HA	SCWP225	G6	●	100,45
E.AL.0740.1200.S.Z4.HA	SCWN225	G6	●	55,90	FF.AL.0751.1600.L.Z2.HA	SCWP225	G6	●	159,25
E.AL.0740.1200.S.Z4.HB	SCWN225	G6	●	55,90	FF.AL.0751.2000.L.Z2.HA	SCWP225	G6	●	251,61
E.UN.0740.0400.S.Z4.HA	SCPP225	G6	●	28,30					
E.UN.0740.0600.S.Z4.HA	SCPP225	G6	●	38,10					
E.UN.0740.0600.S.Z4.HB	SCPP225	G6	●	38,10					
E.UN.0740.0800.S.Z4.HA	SCPP225	G6	●	46,20					
E.UN.0740.0800.S.Z4.HB	SCPP225	G6	●	46,20					
E.UN.0740.1000.S.Z4.HA	SCPP225	G6	●	56,30					
E.UN.0740.1000.S.Z4.HB	SCPP225	G6	●	56,30					
E.UN.0740.1200.S.Z4.HA	SCPP225	G6	●	76,40					
E.UN.0740.1200.S.Z4.HB	SCPP225	G6	●	76,40					

<b>W0741</b>  					<b>W0810</b>  				
E.AL.0741.0400.S.Z4.HA	SCWN225	G6	●	21,20	EZ.V.0810.0300.S.Z1.F0020A.HA	SCWX225	G7	●	25,00
E.AL.0741.0600.S.Z4.HB	SCWN225	G6	●	27,40	EZ.V.0810.0400.S.Z1.F0020A.HA	SCWX225	G7	●	28,00
E.AL.0741.0800.S.Z4.HB	SCWN225	G6	●	32,40	EZ.V.0810.0500.S.Z1.F0020A.HA	SCWX225	G7	●	34,00
E.AL.0741.1000.S.Z4.HB	SCWN225	G6	●	39,90	EZ.V.0810.0600.S.Z1.F0020A.HA	SCWX225	G7	●	35,00
E.AL.0741.1200.S.Z4.HB	SCWN225	G6	●	55,90	EZ.V.0810.0800.S.Z1.F0020A.HA	SCWX225	G7	●	49,00
E.UN.0741.0400.S.Z4.HA	SCPP225	G6	●	28,30	EZ.V.0810.1000.S.Z1.F0020A.HA	SCWX225	G7	●	77,00
E.UN.0741.0600.S.Z4.HB	SCPP225	G6	●	38,10					
E.UN.0741.0800.S.Z4.HB	SCPP225	G6	●	46,20					
E.UN.0741.1000.S.Z4.HB	SCPP225	G6	●	56,30					
E.UN.0741.1200.S.Z4.HB	SCPP225	G6	●	76,40					

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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**W0815**

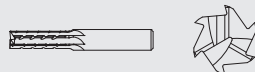
EZ.V.0815.0300.S.Z1.F0020A.HA	SCWX225	G7	●	25,00
EZ.V.0815.0400.S.Z1.F0020A.HA	SCWX225	G7	●	28,00
EZ.V.0815.0500.S.Z1.F0020A.HA	SCWX225	G7	●	34,00
EZ.V.0815.0600.S.Z1.F0020A.HA	SCWX225	G7	●	35,00
EZ.V.0815.0800.S.Z1.F0020A.HA	SCWX225	G7	●	49,00
EZ.V.0815.1000.S.Z1.F0020A.HA	SCWX225	G7	●	77,00

**W0828**

R.V.0828.0400.L.S.HA	SCWX225	G7	●	32,00
R.V.0828.0500.L.S.HA	SCWX225	G7	●	34,50
R.V.0828.0600.L.S.HA	SCWX225	G7	●	37,60
R.V.0828.0800.L.S.HA	SCWX225	G7	●	54,00
R.V.0828.1000.L.S.HA	SCWX225	G7	●	70,00
R.V.0828.1200.L.S.HA	SCWX225	G7	●	89,00
R.V.0828.1600.L.S.HA	SCWX225	G7	●	129,00
R.V.0828.2000.L.S.HA	SCWX225	G7	●	198,00

**W0830**




R.V.0830.0400.L.HA	SCWX225	G7	●	32,00
R.V.0830.0500.L.HA	SCWX225	G7	●	34,50
R.V.0830.0600.L.HA	SCWX225	G7	●	37,60
R.V.0830.0800.L.HA	SCWX225	G7	●	54,00
R.V.0830.1000.L.HA	SCWX225	G7	●	70,00
R.V.0830.1200.L.HA	SCWX225	G7	●	89,00
R.V.0830.1600.L.HA	SCWX225	G7	●	129,00
R.V.0830.2000.L.HA	SCWX225	G7	●	198,00

**W0860**





SRS.V.0860.0400.L.Z6.F0010A.HA	SCWX225	G7	●	54,80
SRS.V.0860.0500.L.Z6.F0010A.HA	SCWX225	G7	●	54,80
SRS.V.0860.0600.L.Z6.F0010A.HA	SCWX225	G7	●	60,00
SRS.V.0860.0800.L.Z6.F0010A.HA	SCWX225	G7	●	93,00
SRS.V.0860.1000.L.Z6.F0010A.HA	SCWX225	G7	●	105,00
SRS.V.0860.1200.L.Z6.F0010A.HA	SCWX225	G7	●	130,00
SRS.V.0860.1600.L.Z6.F0010A.HA	SCWX225	G7	●	152,00
SRS.V.0860.2000.L.Z6.F0010A.HA	SCWX225	G7	●	275,00







Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
W0104					W0105				
 					 				
HPC.ST.0104.0299H7.5XD.140.IK.HA	SCPP425	G4	○	85,30	HPC.ST.0105.0270h7.3XD.140.HA	SCPP425	G4	●	43,20
HPC.ST.0104.0300H7.5XD.140.IK.HA	SCPP425	G4	●	85,30	HPC.ST.0105.0280h7.3XD.140.HA	SCPP425	G4	●	43,20
HPC.ST.0104.0301H7.5XD.140.IK.HA	SCPP425	G4	●	85,30	HPC.ST.0105.0290h7.3XD.140.HA	SCPP425	G4	●	43,20
HPC.ST.0104.0350H7.5XD.140.IK.HA	SCPP425	G4	●	85,30	HPC.ST.0105.0300h7.3XD.140.HA	SCPP425	G4	●	43,20
HPC.ST.0104.0399H7.5XD.140.IK.HA	SCPP425	G4	●	85,30	HPC.ST.0105.0310h7.3XD.140.HA	SCPP425	G4	●	43,20
HPC.ST.0104.0400H7.5XD.140.IK.HA	SCPP425	G4	●	85,30	HPC.ST.0105.0320h7.3XD.140.HA	SCPP425	G4	●	43,20
HPC.ST.0104.0401H7.5XD.140.IK.HA	SCPP425	G4	●	85,30	HPC.ST.0105.0330h7.3XD.140.HA	SCPP425	G4	●	43,20
HPC.ST.0104.0450H7.5XD.140.IK.HA	SCPP425	G4	●	85,30	HPC.ST.0105.0340h7.3XD.140.HA	SCPP425	G4	●	43,20
HPC.ST.0104.0499H7.5XD.140.IK.HA	SCPP425	G4	●	85,30	HPC.ST.0105.0350h7.3XD.140.HA	SCPP425	G4	●	43,20
HPC.ST.0104.0500H7.5XD.140.IK.HA	SCPP425	G4	●	85,30	HPC.ST.0105.0360h7.3XD.140.HA	SCPP425	G4	●	43,20
HPC.ST.0104.0501H7.5XD.140.IK.HA	SCPP425	G4	●	85,30	HPC.ST.0105.0370h7.3XD.140.HA	SCPP425	G4	●	43,20
HPC.ST.0104.0550H7.5XD.140.IK.HA	SCPP425	G4	○	85,30	HPC.ST.0105.0380h7.3XD.140.HA	SCPP425	G4	●	43,20
HPC.ST.0104.0599H7.5XD.140.IK.HA	SCPP425	G4	●	85,30	HPC.ST.0105.0390h7.3XD.140.HA	SCPP425	G4	●	43,20
HPC.ST.0104.0600H7.5XD.140.IK.HA	SCPP425	G4	●	85,30	HPC.ST.0105.0400h7.3XD.140.HA	SCPP425	G4	●	43,20
HPC.ST.0104.0601H7.5XD.140.IK.HA	SCPP425	G4	●	85,30	HPC.ST.0105.0410h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.0650H7.5XD.140.IK.HA	SCPP425	G4	○	92,30	HPC.ST.0105.0420h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.0699H7.5XD.140.IK.HA	SCPP425	G4	○	92,30	HPC.ST.0105.0430h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.0700H7.5XD.140.IK.HA	SCPP425	G4	●	92,30	HPC.ST.0105.0440h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.0701H7.5XD.140.IK.HA	SCPP425	G4	○	92,30	HPC.ST.0105.0450h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.0750H7.5XD.140.IK.HA	SCPP425	G4	○	92,30	HPC.ST.0105.0460h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.0799H7.5XD.140.IK.HA	SCPP425	G4	●	92,30	HPC.ST.0105.0470h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.0800H7.5XD.140.IK.HA	SCPP425	G4	○	92,30	HPC.ST.0105.0480h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.0801H7.5XD.140.IK.HA	SCPP425	G4	●	92,30	HPC.ST.0105.0490h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.0850H7.5XD.140.IK.HA	SCPP425	G4	○	108,40	HPC.ST.0105.0500h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.0899H7.5XD.140.IK.HA	SCPP425	G4	○	108,40	HPC.ST.0105.0510h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.0900H7.5XD.140.IK.HA	SCPP425	G4	●	108,40	HPC.ST.0105.0520h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.0901H7.5XD.140.IK.HA	SCPP425	G4	○	108,40	HPC.ST.0105.0530h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.0950H7.5XD.140.IK.HA	SCPP425	G4	○	108,40	HPC.ST.0105.0540h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.0999H7.5XD.140.IK.HA	SCPP425	G4	●	108,40	HPC.ST.0105.0550h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.1000H7.5XD.140.IK.HA	SCPP425	G4	●	108,40	HPC.ST.0105.0560h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.1001H7.5XD.140.IK.HA	SCPP425	G4	●	108,40	HPC.ST.0105.0570h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.1050H7.5XD.140.IK.HA	SCPP425	G4	●	150,80	HPC.ST.0105.0580h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.1099H7.5XD.140.IK.HA	SCPP425	G4	○	150,80	HPC.ST.0105.0590h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.1100H7.5XD.140.IK.HA	SCPP425	G4	○	150,80	HPC.ST.0105.0600h7.3XD.140.HA	SCPP425	G4	●	43,80
HPC.ST.0104.1101H7.5XD.140.IK.HA	SCPP425	G4	○	150,80	HPC.ST.0105.0610h7.3XD.140.HA	SCPP425	G4	●	44,50
HPC.ST.0104.1150H7.5XD.140.IK.HA	SCPP425	G4	○	150,80	HPC.ST.0105.0620h7.3XD.140.HA	SCPP425	G4	●	44,50
HPC.ST.0104.1199H7.5XD.140.IK.HA	SCPP425	G4	○	150,80	HPC.ST.0105.0630h7.3XD.140.HA	SCPP425	G4	●	44,50
HPC.ST.0104.1200H7.5XD.140.IK.HA	SCPP425	G4	●	150,80	HPC.ST.0105.0640h7.3XD.140.HA	SCPP425	G4	●	44,50
HPC.ST.0104.1201H7.5XD.140.IK.HA	SCPP425	G4	○	150,80	HPC.ST.0105.0650h7.3XD.140.HA	SCPP425	G4	●	44,50
					HPC.ST.0105.0660h7.3XD.140.HA	SCPP425	G4	●	44,50
					HPC.ST.0105.0670h7.3XD.140.HA	SCPP425	G4	●	44,50
					HPC.ST.0105.0680h7.3XD.140.HA	SCPP425	G4	●	44,50
					HPC.ST.0105.0690h7.3XD.140.HA	SCPP425	G4	●	44,50
					HPC.ST.0105.0700h7.3XD.140.HA	SCPP425	G4	●	44,50
					HPC.ST.0105.0710h7.3XD.140.HA	SCPP425	G4	●	44,50
					HPC.ST.0105.0720h7.3XD.140.HA	SCPP425	G4	●	44,50
					HPC.ST.0105.0730h7.3XD.140.HA	SCPP425	G4	●	44,50
					HPC.ST.0105.0740h7.3XD.140.HA	SCPP425	G4	●	44,50
					HPC.ST.0105.0750h7.3XD.140.HA	SCPP425	G4	●	44,50
					HPC.ST.0105.0760h7.3XD.140.HA	SCPP425	G4	●	44,50
					HPC.ST.0105.0770h7.3XD.140.HA	SCPP425	G4	●	44,50
					HPC.ST.0105.0780h7.3XD.140.HA	SCPP425	G4	●	44,50
					HPC.ST.0105.0790h7.3XD.140.HA	SCPP425	G4	●	44,50
					HPC.ST.0105.0800h7.3XD.140.HA	SCPP425	G4	●	44,50
					HPC.ST.0105.0810h7.3XD.140.HA	SCPP425	G4	●	50,40
					HPC.ST.0105.0820h7.3XD.140.HA	SCPP425	G4	●	50,40
					HPC.ST.0105.0830h7.3XD.140.HA	SCPP425	G4	●	50,40
					HPC.ST.0105.0840h7.3XD.140.HA	SCPP425	G4	●	50,40
					HPC.ST.0105.0850h7.3XD.140.HA	SCPP425	G4	●	50,40
					HPC.ST.0105.0860h7.3XD.140.HA	SCPP425	G4	●	50,40
					HPC.ST.0105.0870h7.3XD.140.HA	SCPP425	G4	●	50,40
					HPC.ST.0105.0880h7.3XD.140.HA	SCPP425	G4	●	50,40







Designation	Grade	PG	€ each			Designation	Grade	PG	€ each		
<div>W0107</div> <div></div>						<div>W0108</div> <div></div>					
HPC.ST.0107.1080h7.3XD.140.IK.HA	SCPP425	G4	●	136,50		HL.VA.0108.0282h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1100h7.3XD.140.IK.HA	SCPP425	G4	●	136,50		HL.VA.0108.0290h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1120h7.3XD.140.IK.HA	SCPP425	G4	●	136,50		HL.VA.0108.0300h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1150h7.3XD.140.IK.HA	SCPP425	G4	●	136,50		HL.VA.0108.0302h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1180h7.3XD.140.IK.HA	SCPP425	G4	●	136,50		HL.VA.0108.0310h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1200h7.3XD.140.IK.HA	SCPP425	G4	●	136,50		HL.VA.0108.0320h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1220h7.3XD.140.IK.HA	SCPP425	G4	●	178,30		HL.VA.0108.0322h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1250h7.3XD.140.IK.HA	SCPP425	G4	●	178,30		HL.VA.0108.0330h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1280h7.3XD.140.IK.HA	SCPP425	G4	●	178,30		HL.VA.0108.0332h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1300h7.3XD.140.IK.HA	SCPP425	G4	●	178,30		HL.VA.0108.0340h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1350h7.3XD.140.IK.HA	SCPP425	G4	●	178,30		HL.VA.0108.0350h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1380h7.3XD.140.IK.HA	SCPP425	G4	●	178,30		HL.VA.0108.0352h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1400h7.3XD.140.IK.HA	SCPP425	G4	●	178,30		HL.VA.0108.0360h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1420h7.3XD.140.IK.HA	SCPP425	G4	●	212,50		HL.VA.0108.0370h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1450h7.3XD.140.IK.HA	SCPP425	G4	●	212,50		HL.VA.0108.0380h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1480h7.3XD.140.IK.HA	SCPP425	G4	●	212,50		HL.VA.0108.0382h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1500h7.3XD.140.IK.HA	SCPP425	G4	●	212,50		HL.VA.0108.0390h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1520h7.3XD.140.IK.HA	SCPP425	G4	●	212,50		HL.VA.0108.0400h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1550h7.3XD.140.IK.HA	SCPP425	G4	●	212,50		HL.VA.0108.0402h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1580h7.3XD.140.IK.HA	SCPP425	G4	○	212,50		HL.VA.0108.0410h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1600h7.3XD.140.IK.HA	SCPP425	G4	●	212,50		HL.VA.0108.0420h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1650h7.3XD.140.IK.HA	SCPP425	G4	●	326,00		HL.VA.0108.0422h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1680h7.3XD.140.IK.HA	SCPP425	G4	○	326,00		HL.VA.0108.0430h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1700h7.3XD.140.IK.HA	SCPP425	G4	●	326,00		HL.VA.0108.0440h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1750h7.3XD.140.IK.HA	SCPP425	G4	●	326,00		HL.VA.0108.0450h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1800h7.3XD.140.IK.HA	SCPP425	G4	●	326,00		HL.VA.0108.0452h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1850h7.3XD.140.IK.HA	SCPP425	G4	●	372,60		HL.VA.0108.0460h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1880h7.3XD.140.IK.HA	SCPP425	G4	○	372,60		HL.VA.0108.0470h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1900h7.3XD.140.IK.HA	SCPP425	G4	○	372,60		HL.VA.0108.0480h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.1950h7.3XD.140.IK.HA	SCPP425	G4	●	372,60		HL.VA.0108.0482h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
HPC.ST.0107.2000h7.3XD.140.IK.HA	SCPP425	G4	●	372,60		HL.VA.0108.0490h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
						HL.VA.0108.0500h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
						HL.VA.0108.0502h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
						HL.VA.0108.0510h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
						HL.VA.0108.0520h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
						HL.VA.0108.0530h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
						HL.VA.0108.0540h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
						HL.VA.0108.0550h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
						HL.VA.0108.0552h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
						HL.VA.0108.0560h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
						HL.VA.0108.0570h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
						HL.VA.0108.0580h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
						HL.VA.0108.0582h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
						HL.VA.0108.0590h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
						HL.VA.0108.0600h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
						HL.VA.0108.0602h7.5XD.135.IK.HA	SCPM415	G4	●	63,20	
						HL.VA.0108.0610h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
						HL.VA.0108.0620h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
						HL.VA.0108.0630h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
						HL.VA.0108.0640h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
						HL.VA.0108.0650h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
						HL.VA.0108.0652h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
						HL.VA.0108.0660h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
						HL.VA.0108.0670h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
						HL.VA.0108.0680h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
						HL.VA.0108.0682h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
						HL.VA.0108.0690h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
						HL.VA.0108.0700h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
						HL.VA.0108.0702h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
						HL.VA.0108.0710h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
						HL.VA.0108.0720h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
						HL.VA.0108.0730h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	



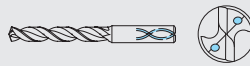


## Drilling

Designation	Grade	PG	€ each		
W0108					
 					
HL.VA.0108.0740h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
HL.VA.0108.0750h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
HL.VA.0108.0752h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
HL.VA.0108.0755h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
HL.VA.0108.0760h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
HL.VA.0108.0770h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
HL.VA.0108.0780h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
HL.VA.0108.0782h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
HL.VA.0108.0790h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
HL.VA.0108.0800h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
HL.VA.0108.0802h7.5XD.135.IK.HA	SCPM415	G4	●	70,10	
HL.VA.0108.0810h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0820h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0830h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0840h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0850h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0852h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0860h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0870h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0880h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0882h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0890h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0900h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0902h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0910h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0920h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0930h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0940h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0950h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0955h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0960h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0970h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0980h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0982h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.0990h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.1000h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.1002h7.5XD.135.IK.HA	SCPM415	G4	●	84,50	
HL.VA.0108.1020h7.5XD.135.IK.HA	SCPM415	G4	●	119,10	
HL.VA.0108.1022h7.5XD.135.IK.HA	SCPM415	G4	●	119,10	
HL.VA.0108.1050h7.5XD.135.IK.HA	SCPM415	G4	●	119,10	
HL.VA.0108.1080h7.5XD.135.IK.HA	SCPM415	G4	●	119,10	
HL.VA.0108.1082h7.5XD.135.IK.HA	SCPM415	G4	●	119,10	
HL.VA.0108.1100h7.5XD.135.IK.HA	SCPM415	G4	●	119,10	
HL.VA.0108.1120h7.5XD.135.IK.HA	SCPM415	G4	●	119,10	
HL.VA.0108.1150h7.5XD.135.IK.HA	SCPM415	G4	●	119,10	
HL.VA.0108.1155h7.5XD.135.IK.HA	SCPM415	G4	●	119,10	
HL.VA.0108.1180h7.5XD.135.IK.HA	SCPM415	G4	●	119,10	
HL.VA.0108.1182h7.5XD.135.IK.HA	SCPM415	G4	●	119,10	
HL.VA.0108.1200h7.5XD.135.IK.HA	SCPM415	G4	●	119,10	
HL.VA.0108.1202h7.5XD.135.IK.HA	SCPM415	G4	●	119,10	
HL.VA.0108.1220h7.5XD.135.IK.HA	SCPM415	G4	●	159,10	
HL.VA.0108.1250h7.5XD.135.IK.HA	SCPM415	G4	●	159,10	
HL.VA.0108.1255h7.5XD.135.IK.HA	SCPM415	G4	●	159,10	
HL.VA.0108.1280h7.5XD.135.IK.HA	SCPM415	G4	●	159,10	
HL.VA.0108.1300h7.5XD.135.IK.HA	SCPM415	G4	●	159,10	
HL.VA.0108.1350h7.5XD.135.IK.HA	SCPM415	G4	●	159,10	
HL.VA.0108.1380h7.5XD.135.IK.HA	SCPM415	G4	●	159,10	
HL.VA.0108.1400h7.5XD.135.IK.HA	SCPM415	G4	●	159,10	
HL.VA.0108.1420h7.5XD.135.IK.HA	SCPM415	G4	●	195,20	
HL.VA.0108.1450h7.5XD.135.IK.HA	SCPM415	G4	●	195,20	
HL.VA.0108.1480h7.5XD.135.IK.HA	SCPM415	G4	●	195,20	
HL.VA.0108.1500h7.5XD.135.IK.HA	SCPM415	G4	●	195,20	





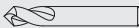

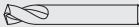

Designation	Grade	PG	€ each		
W0108					
 					
HL.VA.0108.1520h7.5XD.135.IK.HA	SCPM415	G4	●	195,20	
HL.VA.0108.1550h7.5XD.135.IK.HA	SCPM415	G4	●	195,20	
HL.VA.0108.1580h7.5XD.135.IK.HA	SCPM415	G4	●	195,20	
HL.VA.0108.1600h7.5XD.135.IK.HA	SCPM415	G4	●	195,20	
HL.VA.0108.1605h7.5XD.135.IK.HA	SCPM415	G4	●	195,20	
HL.VA.0108.1650h7.5XD.135.IK.HA	SCPM415	G4	●	301,90	
HL.VA.0108.1680h7.5XD.135.IK.HA	SCPM415	G4	●	301,90	
HL.VA.0108.1700h7.5XD.135.IK.HA	SCPM415	G4	●	301,90	
HL.VA.0108.1750h7.5XD.135.IK.HA	SCPM415	G4	●	301,90	
HL.VA.0108.1780h7.5XD.135.IK.HA	SCPM415	G4	●	301,90	
HL.VA.0108.1800h7.5XD.135.IK.HA	SCPM415	G4	●	301,90	
HL.VA.0108.1850h7.5XD.135.IK.HA	SCPM415	G4	●	333,90	
HL.VA.0108.1880h7.5XD.135.IK.HA	SCPM415	G4	●	333,90	
HL.VA.0108.1900h7.5XD.135.IK.HA	SCPM415	G4	●	333,90	
HL.VA.0108.1950h7.5XD.135.IK.HA	SCPM415	G4	●	333,90	
HL.VA.0108.1980h7.5XD.135.IK.HA	SCPM415	G4	●	333,90	
HL.VA.0108.2000h7.5XD.135.IK.HA	SCPM415	G4	●	333,90	
HL.VA.0108.2015h7.5XD.135.IK.HA	SCPM415	G4	○	820,00	
HL.VA.0108.2050h7.5XD.135.IK.HA	SCPM415	G4	○	820,00	
HL.VA.0108.2075h7.5XD.135.IK.HA	SCPM415	G4	○	820,00	
HL.VA.0108.2100h7.5XD.135.IK.HA	SCPM415	G4	○	820,00	
HL.VA.0108.2150h7.5XD.135.IK.HA	SCPM415	G4	○	820,00	
HL.VA.0108.2175h7.5XD.135.IK.HA	SCPM415	G4	○	820,00	
HL.VA.0108.2200h7.5XD.135.IK.HA	SCPM415	G4	○	820,00	
HL.VA.0108.2250h7.5XD.135.IK.HA	SCPM415	G4	○	820,00	
HL.VA.0108.2275h7.5XD.135.IK.HA	SCPM415	G4	○	820,00	
HL.VA.0108.2300h7.5XD.135.IK.HA	SCPM415	G4	○	820,00	
HL.VA.0108.2350h7.5XD.135.IK.HA	SCPM415	G4	○	820,00	
HL.VA.0108.2375h7.5XD.135.IK.HA	SCPM415	G4	○	820,00	
HL.VA.0108.2400h7.5XD.135.IK.HA	SCPM415	G4	○	820,00	
HL.VA.0108.2450h7.5XD.135.IK.HA	SCPM415	G4	○	820,00	
HL.VA.0108.2475h7.5XD.135.IK.HA	SCPM415	G4	○	820,00	
HL.VA.0108.2500h7.5XD.135.IK.HA	SCPM415	G4	○	820,00	

W0109					
 					
HL.VA.0109.0300h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0310h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0320h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0330h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0340h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0350h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0360h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0370h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0380h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0390h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0400h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0410h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0420h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0430h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0440h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0450h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0460h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0470h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0480h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0490h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0500h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0510h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	
HL.VA.0109.0520h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	

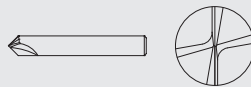

Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
<div>W0109</div>					<div>W0109</div>				
HL.VA.0109.0530h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	HL.VA.0109.1400h7.3XD.135.IK.HA	SCPM410	G4	●	150,70
HL.VA.0109.0540h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	HL.VA.0109.1420h7.3XD.135.IK.HA	SCPM410	G4	●	179,00
HL.VA.0109.0550h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	HL.VA.0109.1450h7.3XD.135.IK.HA	SCPM410	G4	●	179,00
HL.VA.0109.0560h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	HL.VA.0109.1480h7.3XD.135.IK.HA	SCPM410	G4	●	179,00
HL.VA.0109.0570h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	HL.VA.0109.1500h7.3XD.135.IK.HA	SCPM410	G4	●	179,00
HL.VA.0109.0580h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	HL.VA.0109.1520h7.3XD.135.IK.HA	SCPM410	G4	●	179,00
HL.VA.0109.0590h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	HL.VA.0109.1550h7.3XD.135.IK.HA	SCPM410	G4	●	179,00
HL.VA.0109.0600h7.3XD.135.IK.HA	SCPM410	G4	●	49,70	HL.VA.0109.1580h7.3XD.135.IK.HA	SCPM410	G4	●	179,00
HL.VA.0109.0610h7.3XD.135.IK.HA	SCPM410	G4	●	66,60	HL.VA.0109.1600h7.3XD.135.IK.HA	SCPM410	G4	●	179,00
HL.VA.0109.0620h7.3XD.135.IK.HA	SCPM410	G4	●	66,60	<div>W0115</div>				
HL.VA.0109.0630h7.3XD.135.IK.HA	SCPM410	G4	●	66,60					
HL.VA.0109.0640h7.3XD.135.IK.HA	SCPM410	G4	●	66,60					
HL.VA.0109.0650h7.3XD.135.IK.HA	SCPM410	G4	●	66,60					
HL.VA.0109.0660h7.3XD.135.IK.HA	SCPM410	G4	●	66,60	HL.TI.0115.0300h7.5XD.140.IK.HA	SCPS430	G4	●	87,40
HL.VA.0109.0670h7.3XD.135.IK.HA	SCPM410	G4	●	66,60	HL.TI.0115.0310h7.5XD.140.IK.HA	SCPS430	G4	●	95,90
HL.VA.0109.0680h7.3XD.135.IK.HA	SCPM410	G4	●	66,60	HL.TI.0115.0320h7.5XD.140.IK.HA	SCPS430	G4	●	95,90
HL.VA.0109.0690h7.3XD.135.IK.HA	SCPM410	G4	●	66,60	HL.TI.0115.0330h7.5XD.140.IK.HA	SCPS430	G4	●	95,90
HL.VA.0109.0700h7.3XD.135.IK.HA	SCPM410	G4	●	66,60	HL.TI.0115.0340h7.5XD.140.IK.HA	SCPS430	G4	●	95,90
HL.VA.0109.0710h7.3XD.135.IK.HA	SCPM410	G4	●	66,60	HL.TI.0115.0350h7.5XD.140.IK.HA	SCPS430	G4	●	95,90
HL.VA.0109.0720h7.3XD.135.IK.HA	SCPM410	G4	●	66,60	HL.TI.0115.0360h7.5XD.140.IK.HA	SCPS430	G4	●	95,90
HL.VA.0109.0730h7.3XD.135.IK.HA	SCPM410	G4	●	66,60	HL.TI.0115.0370h7.5XD.140.IK.HA	SCPS430	G4	●	95,90
HL.VA.0109.0740h7.3XD.135.IK.HA	SCPM410	G4	●	66,60	HL.TI.0115.0380h7.5XD.140.IK.HA	SCPS430	G4	●	95,90
HL.VA.0109.0750h7.3XD.135.IK.HA	SCPM410	G4	●	66,60	HL.TI.0115.0390h7.5XD.140.IK.HA	SCPS430	G4	●	95,90
HL.VA.0109.0760h7.3XD.135.IK.HA	SCPM410	G4	●	66,60	HL.TI.0115.0400h7.5XD.140.IK.HA	SCPS430	G4	●	95,90
HL.VA.0109.0770h7.3XD.135.IK.HA	SCPM410	G4	●	66,60	HL.TI.0115.0410h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0780h7.3XD.135.IK.HA	SCPM410	G4	●	66,60	HL.TI.0115.0420h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0790h7.3XD.135.IK.HA	SCPM410	G4	●	66,60	HL.TI.0115.0430h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0800h7.3XD.135.IK.HA	SCPM410	G4	●	66,60	HL.TI.0115.0440h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0810h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0450h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0820h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0460h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0830h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0470h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0840h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0480h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0850h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0490h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0860h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0500h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0870h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0510h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0880h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0520h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0890h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0530h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0900h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0540h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0910h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0550h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0920h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0560h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0930h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0570h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0940h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0580h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0950h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0590h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0960h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0600h7.5XD.140.IK.HA	SCPS430	G4	●	102,20
HL.VA.0109.0970h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0610h7.5XD.140.IK.HA	SCPS430	G4	●	133,10
HL.VA.0109.0980h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0620h7.5XD.140.IK.HA	SCPS430	G4	●	133,10
HL.VA.0109.0990h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0630h7.5XD.140.IK.HA	SCPS430	G4	●	133,10
HL.VA.0109.1000h7.3XD.135.IK.HA	SCPM410	G4	●	80,80	HL.TI.0115.0640h7.5XD.140.IK.HA	SCPS430	G4	●	133,10
HL.VA.0109.1020h7.3XD.135.IK.HA	SCPM410	G4	●	115,80	HL.TI.0115.0650h7.5XD.140.IK.HA	SCPS430	G4	●	133,10
HL.VA.0109.1050h7.3XD.135.IK.HA	SCPM410	G4	●	115,80	HL.TI.0115.0660h7.5XD.140.IK.HA	SCPS430	G4	●	133,10
HL.VA.0109.1080h7.3XD.135.IK.HA	SCPM410	G4	●	115,80	HL.TI.0115.0670h7.5XD.140.IK.HA	SCPS430	G4	●	133,10
HL.VA.0109.1100h7.3XD.135.IK.HA	SCPM410	G4	●	115,80	HL.TI.0115.0680h7.5XD.140.IK.HA	SCPS430	G4	●	133,10
HL.VA.0109.1120h7.3XD.135.IK.HA	SCPM410	G4	●	115,80	HL.TI.0115.0690h7.5XD.140.IK.HA	SCPS430	G4	●	133,10
HL.VA.0109.1150h7.3XD.135.IK.HA	SCPM410	G4	●	115,80	HL.TI.0115.0700h7.5XD.140.IK.HA	SCPS430	G4	●	133,10
HL.VA.0109.1180h7.3XD.135.IK.HA	SCPM410	G4	●	115,80	HL.TI.0115.0710h7.5XD.140.IK.HA	SCPS430	G4	●	133,10
HL.VA.0109.1200h7.3XD.135.IK.HA	SCPM410	G4	●	115,80	HL.TI.0115.0720h7.5XD.140.IK.HA	SCPS430	G4	●	133,10
HL.VA.0109.1220h7.3XD.135.IK.HA	SCPM410	G4	●	150,70	HL.TI.0115.0730h7.5XD.140.IK.HA	SCPS430	G4	●	133,10
HL.VA.0109.1250h7.3XD.135.IK.HA	SCPM410	G4	●	150,70	HL.TI.0115.0740h7.5XD.140.IK.HA	SCPS430	G4	●	133,10
HL.VA.0109.1280h7.3XD.135.IK.HA	SCPM410	G4	●	150,70	HL.TI.0115.0750h7.5XD.140.IK.HA	SCPS430	G4	●	133,10
HL.VA.0109.1300h7.3XD.135.IK.HA	SCPM410	G4	●	150,70	HL.TI.0115.0760h7.5XD.140.IK.HA	SCPS430	G4	●	133,10
HL.VA.0109.1350h7.3XD.135.IK.HA	SCPM410	G4	●	150,70					
HL.VA.0109.1380h7.3XD.135.IK.HA	SCPM410	G4	●	150,70					



# Solid carbide tools



## Drilling

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
<b>W0115</b>  				<b>W0119</b>  			
HL.TI.0115.0770h7.5XD.140.IK.HA	SCPS430	G4	○ 133,10	HL.V.0119.0300m7.5XD.118_62.HA	SCWX425	G5	● 42,00
HL.TI.0115.0780h7.5XD.140.IK.HA	SCPS430	G4	● 133,10	HL.V.0119.0400m7.5XD.118_62.HA	SCWX425	G5	● 42,00
HL.TI.0115.0790h7.5XD.140.IK.HA	SCPS430	G4	● 133,10	HL.V.0119.0500m7.5XD.118_62.HA	SCWX425	G5	● 43,00
HL.TI.0115.0800h7.5XD.140.IK.HA	SCPS430	G4	● 133,10	HL.V.0119.0600m7.5XD.118_62.HA	SCWX425	G5	● 43,00
HL.TI.0115.0810h7.5XD.140.IK.HA	SCPS430	G4	● 171,40	HL.V.0119.0800m7.5XD.118_62.HA	SCWX425	G5	● 55,00
HL.TI.0115.0820h7.5XD.140.IK.HA	SCPS430	G4	● 171,40	HL.V.0119.0900m7.5XD.118_62.HA	SCWX425	G5	● 67,00
HL.TI.0115.0830h7.5XD.140.IK.HA	SCPS430	G4	● 171,40	HL.V.0119.1000m7.5XD.118_62.HA	SCWX425	G5	● 67,00
HL.TI.0115.0840h7.5XD.140.IK.HA	SCPS430	G4	● 171,40	HL.V.0119.1100m7.5XD.118_62.HA	SCWX425	G5	● 72,00
HL.TI.0115.0850h7.5XD.140.IK.HA	SCPS430	G4	● 171,40	HL.V.0119.1200m7.5XD.118_62.HA	SCWX425	G5	● 72,00
HL.TI.0115.0860h7.5XD.140.IK.HA	SCPS430	G4	○ 171,40				
HL.TI.0115.0870h7.5XD.140.IK.HA	SCPS430	G4	○ 171,40				
HL.TI.0115.0880h7.5XD.140.IK.HA	SCPS430	G4	● 171,40				
HL.TI.0115.0890h7.5XD.140.IK.HA	SCPS430	G4	○ 171,40				
HL.TI.0115.0900h7.5XD.140.IK.HA	SCPS430	G4	● 171,40				
HL.TI.0115.0910h7.5XD.140.IK.HA	SCPS430	G4	○ 171,40				
HL.TI.0115.0920h7.5XD.140.IK.HA	SCPS430	G4	○ 171,40				
HL.TI.0115.0930h7.5XD.140.IK.HA	SCPS430	G4	● 171,40				
HL.TI.0115.0940h7.5XD.140.IK.HA	SCPS430	G4	● 171,40				
HL.TI.0115.0950h7.5XD.140.IK.HA	SCPS430	G4	● 171,40				
HL.TI.0115.0960h7.5XD.140.IK.HA	SCPS430	G4	○ 171,40				
HL.TI.0115.0970h7.5XD.140.IK.HA	SCPS430	G4	● 171,40				
HL.TI.0115.0980h7.5XD.140.IK.HA	SCPS430	G4	● 171,40				
HL.TI.0115.0990h7.5XD.140.IK.HA	SCPS430	G4	○ 171,40				
HL.TI.0115.1000h7.5XD.140.IK.HA	SCPS430	G4	● 171,40				
HL.TI.0115.1020h7.5XD.140.IK.HA	SCPS430	G4	● 212,20				
HL.TI.0115.1050h7.5XD.140.IK.HA	SCPS430	G4	● 212,20				
HL.TI.0115.1080h7.5XD.140.IK.HA	SCPS430	G4	● 212,20				
HL.TI.0115.1100h7.5XD.140.IK.HA	SCPS430	G4	● 212,20				
HL.TI.0115.1120h7.5XD.140.IK.HA	SCPS430	G4	● 212,20				
HL.TI.0115.1150h7.5XD.140.IK.HA	SCPS430	G4	● 212,20				
HL.TI.0115.1180h7.5XD.140.IK.HA	SCPS430	G4	● 212,20				
HL.TI.0115.1200h7.5XD.140.IK.HA	SCPS430	G4	● 212,20				
HL.TI.0115.1220h7.5XD.140.IK.HA	SCPS430	G4	○ 317,60				
HL.TI.0115.1250h7.5XD.140.IK.HA	SCPS430	G4	● 317,60				
HL.TI.0115.1280h7.5XD.140.IK.HA	SCPS430	G4	● 317,60				
HL.TI.0115.1300h7.5XD.140.IK.HA	SCPS430	G4	● 317,60				
HL.TI.0115.1320h7.5XD.140.IK.HA	SCPS430	G4	○ 317,60				
HL.TI.0115.1350h7.5XD.140.IK.HA	SCPS430	G4	● 317,60				
HL.TI.0115.1380h7.5XD.140.IK.HA	SCPS430	G4	● 317,60				
HL.TI.0115.1400h7.5XD.140.IK.HA	SCPS430	G4	● 317,60				
HL.TI.0115.1420h7.5XD.140.IK.HA	SCPS430	G4	● 378,90				
HL.TI.0115.1450h7.5XD.140.IK.HA	SCPS430	G4	● 378,90				
HL.TI.0115.1480h7.5XD.140.IK.HA	SCPS430	G4	○ 378,90				
HL.TI.0115.1500h7.5XD.140.IK.HA	SCPS430	G4	● 378,90				
HL.TI.0115.1520h7.5XD.140.IK.HA	SCPS430	G4	● 378,90				
HL.TI.0115.1550h7.5XD.140.IK.HA	SCPS430	G4	● 378,90				
HL.TI.0115.1580h7.5XD.140.IK.HA	SCPS430	G4	● 378,90				
HL.TI.0115.1600h7.5XD.140.IK.HA	SCPS430	G4	○ 378,90				
				<b>W0141</b>  			
				A.AL.0141.0200h5.90.HA	SCWN425	G4	● 11,90
				A.AL.0141.0300h5.90.HA	SCWN425	G4	● 11,90
				A.AL.0141.0400h5.90.HA	SCWN425	G4	● 13,30
				A.AL.0141.0500h5.90.HA	SCWN425	G4	● 15,30
				A.AL.0141.0600h5.90.HA	SCWN425	G4	● 16,90
				A.AL.0141.0800h5.90.HA	SCWN425	G4	● 26,20
				A.AL.0141.1000h5.90.HA	SCWN425	G4	● 36,60
				A.AL.0141.1200h5.90.HA	SCWN425	G4	● 49,50
				A.AL.0141.1400h5.90.HA	SCWN425	G4	○ 72,80
				A.AL.0141.1600h5.90.HA	SCWN425	G4	● 89,80
				A.AL.0141.2000h5.90.HA	SCWN425	G4	○ 157,40
				A.ST.0141.0200h5.90.HA	SCPP425	G4	● 21,10
				A.ST.0141.0300h5.90.HA	SCPP425	G4	● 21,10
				A.ST.0141.0400h5.90.HA	SCPP425	G4	● 22,70
				A.ST.0141.0500h5.90.HA	SCPP425	G4	● 24,90
				A.ST.0141.0600h5.90.HA	SCPP425	G4	● 26,90
				A.ST.0141.0800h5.90.HA	SCPP425	G4	● 37,50
				A.ST.0141.1000h5.90.HA	SCPP425	G4	● 49,50
				A.ST.0141.1200h5.90.HA	SCPP425	G4	● 64,40
				A.ST.0141.1600h5.90.HA	SCPP425	G4	○ 110,90
				<b>W0142</b>  			
				A.AL.0142.0200h5.142.HA	SCWN425	G4	○ 11,90
				A.AL.0142.0300h5.142.HA	SCWN425	G4	● 11,90
				A.AL.0142.0400h5.142.HA	SCWN425	G4	● 13,30
				A.AL.0142.0500h5.142.HA	SCWN425	G4	● 15,30
				A.AL.0142.0600h5.142.HA	SCWN425	G4	● 16,90
				A.AL.0142.0800h5.142.HA	SCWN425	G4	● 26,20
				A.AL.0142.1000h5.142.HA	SCWN425	G4	● 36,60
				A.AL.0142.1200h5.142.HA	SCWN425	G4	● 49,50
				A.AL.0142.1600h5.142.HA	SCWN425	G4	○ 89,80
				A.AL.0142.2000h5.142.HA	SCWN425	G4	○ 157,40
				A.ST.0142.0300h5.142.HA	SCPP425	G4	● 21,10
				A.ST.0142.0400h5.142.HA	SCPP425	G4	● 22,70
				A.ST.0142.0500h5.142.HA	SCPP425	G4	● 24,90
				A.ST.0142.0600h5.142.HB	SCPP425	G4	● 26,90
				A.ST.0142.0800h5.142.HB	SCPP425	G4	● 37,50
				A.ST.0142.1000h5.142.HB	SCPP425	G4	● 49,50
				A.ST.0142.1200h5.142.HB	SCPP425	G4	● 64,40
				A.ST.0142.1600h5.142.HB	SCPP425	G4	○ 110,90
				A.ST.0142.2000h5.142.HB	SCPP425	G4	○ 184,10



Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
<div>W0143</div> <div></div>					<div>W0171</div> <div></div>				
PA.AL.0143.0200h5.90.HA	SCWN425	G5	●	19,50	HL.UN.0171.0500h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.AL.0143.0300h5.90.HA	SCWN425	G5	●	24,70	HL.UN.0171.0510h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.AL.0143.0400h5.90.HA	SCWN425	G5	●	31,20	HL.UN.0171.0520h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.AL.0143.0500h5.90.HA	SCWN425	G5	●	41,60	HL.UN.0171.0530h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.AL.0143.0600h5.90.HB	SCWN425	G5	●	37,20	HL.UN.0171.0540h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.AL.0143.0800h5.90.HB	SCWN425	G5	●	42,90	HL.UN.0171.0550h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.AL.0143.1000h5.90.HB	SCWN425	G5	●	71,50	HL.UN.0171.0560h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.AL.0143.1200h5.90.HB	SCWN425	G5	●	81,40	HL.UN.0171.0570h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.AL.0143.1600h5.90.HB	SCWN425	G5	●	154,70	HL.UN.0171.0580h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.AL.0143.2000h5.90.HB	SCWN425	G5	●	280,80	HL.UN.0171.0590h7.12XD.135.IK.HA	SCPP435	G4	●	141,00

<div>W0144</div> <div></div>					<div>W0171</div> <div></div>				
PA.AL.0144.0200h5.142.HA	SCWN425	G5	●	19,50	HL.UN.0171.0300h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.AL.0144.0300h5.142.HA	SCWN425	G5	●	24,70	HL.UN.0171.0310h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.AL.0144.0400h5.142.HA	SCWN425	G5	●	31,20	HL.UN.0171.0320h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.AL.0144.0500h5.142.HA	SCWN425	G5	●	41,60	HL.UN.0171.0330h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.AL.0144.0600h5.142.HB	SCWN425	G5	●	37,20	HL.UN.0171.0340h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.AL.0144.0800h5.142.HB	SCWN425	G5	●	42,90	HL.UN.0171.0350h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.AL.0144.1000h5.142.HB	SCWN425	G5	●	71,50	HL.UN.0171.0360h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.AL.0144.1200h5.142.HB	SCWN425	G5	●	81,40	HL.UN.0171.0370h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.AL.0144.1600h5.142.HB	SCWN425	G5	●	154,70	HL.UN.0171.0380h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.AL.0144.2000h5.142.HB	SCWN425	G5	●	280,80	HL.UN.0171.0390h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.ST.0144.0200h5.142.HA	SCPP430	G5	●	30,00	HL.UN.0171.0400h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.ST.0144.0300h5.142.HA	SCPP430	G5	●	36,00	HL.UN.0171.0410h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.ST.0144.0400h5.142.HA	SCPP430	G5	●	43,50	HL.UN.0171.0420h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.ST.0144.0500h5.142.HA	SCPP430	G5	●	57,00	HL.UN.0171.0430h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.ST.0144.0600h5.142.HB	SCPP430	G5	●	52,80	HL.UN.0171.0440h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.ST.0144.0800h5.142.HB	SCPP430	G5	●	64,50	HL.UN.0171.0450h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.ST.0144.1000h5.142.HB	SCPP430	G5	●	97,50	HL.UN.0171.0460h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.ST.0144.1200h5.142.HB	SCPP430	G5	●	105,90	HL.UN.0171.0470h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.ST.0144.1600h5.142.HB	SCPP430	G5	●	208,50	HL.UN.0171.0480h7.12XD.135.IK.HA	SCPP435	G4	●	141,00
PA.ST.0144.2000h5.142.HB	SCPP430	G5	●	357,00	HL.UN.0171.0490h7.12XD.135.IK.HA	SCPP435	G4	●	141,00

<div>W0171</div> <div></div>					<div>W0171</div> <div></div>				
HL.UN.0171.0300h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.0920h7.12XD.135.IK.HA	SCPP435	G4	●	228,10
HL.UN.0171.0310h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.0930h7.12XD.135.IK.HA	SCPP435	G4	●	228,10
HL.UN.0171.0320h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.0940h7.12XD.135.IK.HA	SCPP435	G4	●	228,10
HL.UN.0171.0330h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.0950h7.12XD.135.IK.HA	SCPP435	G4	●	228,10
HL.UN.0171.0340h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.0960h7.12XD.135.IK.HA	SCPP435	G4	●	228,10
HL.UN.0171.0350h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.0970h7.12XD.135.IK.HA	SCPP435	G4	●	228,10
HL.UN.0171.0360h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.0980h7.12XD.135.IK.HA	SCPP435	G4	●	228,10
HL.UN.0171.0370h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.0990h7.12XD.135.IK.HA	SCPP435	G4	●	228,10
HL.UN.0171.0380h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.1000h7.12XD.135.IK.HA	SCPP435	G4	●	228,10
HL.UN.0171.0390h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.1020h7.12XD.135.IK.HA	SCPP435	G4	●	315,10
HL.UN.0171.0400h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.1050h7.12XD.135.IK.HA	SCPP435	G4	●	315,10
HL.UN.0171.0410h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.1100h7.12XD.135.IK.HA	SCPP435	G4	●	315,10
HL.UN.0171.0420h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.1150h7.12XD.135.IK.HA	SCPP435	G4	●	315,10
HL.UN.0171.0430h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.1200h7.12XD.135.IK.HA	SCPP435	G4	●	315,10
HL.UN.0171.0440h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.1250h7.12XD.135.IK.HA	SCPP435	G4	●	467,20
HL.UN.0171.0450h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.1300h7.12XD.135.IK.HA	SCPP435	G4	●	467,20
HL.UN.0171.0460h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.1350h7.12XD.135.IK.HA	SCPP435	G4	●	467,20
HL.UN.0171.0470h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.1400h7.12XD.135.IK.HA	SCPP435	G4	●	467,20
HL.UN.0171.0480h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.1450h7.12XD.135.IK.HA	SCPP435	G4	●	617,50
HL.UN.0171.0490h7.12XD.135.IK.HA	SCPP435	G4	●	141,00	HL.UN.0171.1500h7.12XD.135.IK.HA	SCPP435	G4	●	617,50



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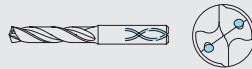


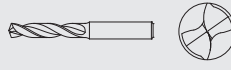
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## Solid carbide tools



## Drilling

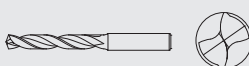
Designation	Grade	PG	€ each		
W0177					
					
HL.UN.0177.0610h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0620h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0630h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0640h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0650h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0660h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0670h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0680h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0690h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0700h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0710h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0720h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0730h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0740h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0750h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0760h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0770h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0780h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0790h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0800h7.3XD.140.IK.HA	SCPP430	G4	●		56,90
HL.UN.0177.0810h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.0820h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.0830h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.0840h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.0850h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.0860h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.0870h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.0880h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.0890h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.0900h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.0910h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.0920h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.0930h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.0940h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.0950h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.0960h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.0970h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.0980h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.0990h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.1000h7.3XD.140.IK.HA	SCPP430	G4	●		66,90
HL.UN.0177.1020h7.3XD.140.IK.HA	SCPP430	G4	●		94,20
HL.UN.0177.1050h7.3XD.140.IK.HA	SCPP430	G4	●		94,20
HL.UN.0177.1080h7.3XD.140.IK.HA	SCPP430	G4	●		94,20
HL.UN.0177.1100h7.3XD.140.IK.HA	SCPP430	G4	●		94,20
HL.UN.0177.1120h7.3XD.140.IK.HA	SCPP430	G4	●		94,20
HL.UN.0177.1150h7.3XD.140.IK.HA	SCPP430	G4	●		94,20
HL.UN.0177.1180h7.3XD.140.IK.HA	SCPP430	G4	●		94,20
HL.UN.0177.1200h7.3XD.140.IK.HA	SCPP430	G4	●		94,20
HL.UN.0177.1220h7.3XD.140.IK.HA	SCPP430	G4	●		129,30
HL.UN.0177.1250h7.3XD.140.IK.HA	SCPP430	G4	●		129,30
HL.UN.0177.1280h7.3XD.140.IK.HA	SCPP430	G4	●		129,30
HL.UN.0177.1300h7.3XD.140.IK.HA	SCPP430	G4	●		129,30
HL.UN.0177.1350h7.3XD.140.IK.HA	SCPP430	G4	●		129,30
HL.UN.0177.1380h7.3XD.140.IK.HA	SCPP430	G4	●		129,30
HL.UN.0177.1400h7.3XD.140.IK.HA	SCPP430	G4	●		129,30
HL.UN.0177.1420h7.3XD.140.IK.HA	SCPP430	G4	●		153,80
HL.UN.0177.1450h7.3XD.140.IK.HA	SCPP430	G4	●		153,80
HL.UN.0177.1480h7.3XD.140.IK.HA	SCPP430	G4	●		153,80
HL.UN.0177.1500h7.3XD.140.IK.HA	SCPP430	G4	●		153,80
HL.UN.0177.1520h7.3XD.140.IK.HA	SCPP430	G4	●		153,80
HL.UN.0177.1550h7.3XD.140.IK.HA	SCPP430	G4	●		153,80
HL.UN.0177.1580h7.3XD.140.IK.HA	SCPP430	G4	●		153,80

Designation	Grade	PG	€ each		
W0177					
					
HL.UN.0177.1600h7.3XD.140.IK.HA	SCPP430	G4	●		153,80
HL.UN.0177.1650h7.3XD.140.IK.HA	SCPP430	G4	●		218,20
HL.UN.0177.1700h7.3XD.140.IK.HA	SCPP430	G4	●		218,20
HL.UN.0177.1750h7.3XD.140.IK.HA	SCPP430	G4	●		218,20
HL.UN.0177.1800h7.3XD.140.IK.HA	SCPP430	G4	●		218,20
HL.UN.0177.1850h7.3XD.140.IK.HA	SCPP430	G4	●		273,00
HL.UN.0177.1900h7.3XD.140.IK.HA	SCPP430	G4	●		273,00
HL.UN.0177.1950h7.3XD.140.IK.HA	SCPP430	G4	●		273,00
HL.UN.0177.2000h7.3XD.140.IK.HA	SCPP430	G4	●		273,00

W105H					
					
HPC.H.105H.0250h7.3XD.140.HA	SCPH405	G4	●		51,50
HPC.H.105H.0260h7.3XD.140.HA	SCPH405	G4	●		51,50
HPC.H.105H.0290h7.3XD.140.HA	SCPH405	G4	●		51,50
HPC.H.105H.0300h7.3XD.140.HA	SCPH405	G4	●		51,50
HPC.H.105H.0340h7.3XD.140.HA	SCPH405	G4	●		51,50
HPC.H.105H.0350h7.3XD.140.HA	SCPH405	G4	●		51,50
HPC.H.105H.0390h7.3XD.140.HA	SCPH405	G4	●		51,50
HPC.H.105H.0400h7.3XD.140.HA	SCPH405	G4	●		51,50
HPC.H.105H.0430h7.3XD.140.HA	SCPH405	G4	●		52,30
HPC.H.105H.0450h7.3XD.140.HA	SCPH405	G4	●		52,30
HPC.H.105H.0480h7.3XD.140.HA	SCPH405	G4	●		52,30
HPC.H.105H.0500h7.3XD.140.HA	SCPH405	G4	●		52,30
HPC.H.105H.0510h7.3XD.140.HA	SCPH405	G4	●		52,30
HPC.H.105H.0550h7.3XD.140.HA	SCPH405	G4	●		52,30
HPC.H.105H.0580h7.3XD.140.HA	SCPH405	G4	●		52,30
HPC.H.105H.0600h7.3XD.140.HA	SCPH405	G4	●		52,30
HPC.H.105H.0650h7.3XD.140.HA	SCPH405	G4	●		53,20
HPC.H.105H.0680h7.3XD.140.HA	SCPH405	G4	●		53,20
HPC.H.105H.0690h7.3XD.140.HA	SCPH405	G4	●		53,20
HPC.H.105H.0700h7.3XD.140.HA	SCPH405	G4	●		53,20
HPC.H.105H.0750h7.3XD.140.HA	SCPH405	G4	●		53,20
HPC.H.105H.0780h7.3XD.140.HA	SCPH405	G4	●		53,20
HPC.H.105H.0800h7.3XD.140.HA	SCPH405	G4	●		53,20
HPC.H.105H.0850h7.3XD.140.HA	SCPH405	G4	●		60,20
HPC.H.105H.0860h7.3XD.140.HA	SCPH405	G4	●		60,20
HPC.H.105H.0880h7.3XD.140.HA	SCPH405	G4	●		60,20
HPC.H.105H.0900h7.3XD.140.HA	SCPH405	G4	●		60,20
HPC.H.105H.0950h7.3XD.140.HA	SCPH405	G4	●		60,20
HPC.H.105H.0980h7.3XD.140.HA	SCPH405	G4	●		60,20
HPC.H.105H.1000h7.3XD.140.HA	SCPH405	G4	●		60,20
HPC.H.105H.1020h7.3XD.140.HA	SCPH405	G4	●		87,10
HPC.H.105H.1050h7.3XD.140.HA	SCPH405	G4	●		87,10
HPC.H.105H.1080h7.3XD.140.HA	SCPH405	G4	●		87,10
HPC.H.105H.1100h7.3XD.140.HA	SCPH405	G4	●		87,10
HPC.H.105H.1150h7.3XD.140.HA	SCPH405	G4	●		87,10
HPC.H.105H.1180h7.3XD.140.HA	SCPH405	G4	●		87,10
HPC.H.105H.1200h7.3XD.140.HA	SCPH405	G4	●		87,10
HPC.H.105H.1220h7.3XD.140.HA	SCPH405	G4	●		117,70
HPC.H.105H.1250h7.3XD.140.HA	SCPH405	G4	●		117,70
HPC.H.105H.1300h7.3XD.140.HA	SCPH405	G4	●		117,70
HPC.H.105H.1350h7.3XD.140.HA	SCPH405	G4	●		117,70
HPC.H.105H.1400h7.3XD.140.HA	SCPH405	G4	●		117,70
HPC.H.105H.1420h7.3XD.140.HA	SCPH405	G4	●		150,80
HPC.H.105H.1450h7.3XD.140.HA	SCPH405	G4	●		150,80
HPC.H.105H.1500h7.3XD.140.HA	SCPH405	G4	●		150,80
HPC.H.105H.1550h7.3XD.140.HA	SCPH405	G4	●		150,80
HPC.H.105H.1580h7.3XD.140.HA	SCPH405	G4	●		150,80





Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
W105H					W1101				
									
HPC.H.105H.1600h7.3XD.140.HA	SCPH405	G4	●	150,80	HPC.ST.1101.0300h7.12XD.135.IK.HA	SCPP415	G4	●	179,20
					HPC.ST.1101.0310h7.12XD.135.IK.HA	SCPP415	G4	●	179,20
					HPC.ST.1101.0320h7.12XD.135.IK.HA	SCPP415	G4	●	179,20
					HPC.ST.1101.0330h7.12XD.135.IK.HA	SCPP415	G4	●	179,20
					HPC.ST.1101.0340h7.12XD.135.IK.HA	SCPP415	G4	●	179,20
					HPC.ST.1101.0350h7.12XD.135.IK.HA	SCPP415	G4	●	179,20
					HPC.ST.1101.0360h7.12XD.135.IK.HA	SCPP415	G4	○	179,20
					HPC.ST.1101.0370h7.12XD.135.IK.HA	SCPP415	G4	●	179,20
					HPC.ST.1101.0380h7.12XD.135.IK.HA	SCPP415	G4	●	179,20
					HPC.ST.1101.0390h7.12XD.135.IK.HA	SCPP415	G4	○	179,20
					HPC.ST.1101.0400h7.12XD.135.IK.HA	SCPP415	G4	●	179,20
					HPC.ST.1101.0410h7.12XD.135.IK.HA	SCPP415	G4	●	179,20
					HPC.ST.1101.0420h7.12XD.135.IK.HA	SCPP415	G4	●	179,20
					HPC.ST.1101.0430h7.12XD.135.IK.HA	SCPP415	G4	○	179,20
					HPC.ST.1101.0440h7.12XD.135.IK.HA	SCPP415	G4	○	179,20
					HPC.ST.1101.0450h7.12XD.135.IK.HA	SCPP415	G4	●	179,20
					HPC.ST.1101.0460h7.12XD.135.IK.HA	SCPP415	G4	●	179,20
					HPC.ST.1101.0470h7.12XD.135.IK.HA	SCPP415	G4	○	179,20
					HPC.ST.1101.0480h7.12XD.135.IK.HA	SCPP415	G4	●	179,20
					HPC.ST.1101.0490h7.12XD.135.IK.HA	SCPP415	G4	○	179,20
					HPC.ST.1101.0500h7.12XD.135.IK.HA	SCPP415	G4	●	179,20
					HPC.ST.1101.0510h7.12XD.135.IK.HA	SCPP415	G4	○	179,20
					HPC.ST.1101.0520h7.12XD.135.IK.HA	SCPP415	G4	○	179,20
					HPC.ST.1101.0530h7.12XD.135.IK.HA	SCPP415	G4	○	179,20
					HPC.ST.1101.0540h7.12XD.135.IK.HA	SCPP415	G4	○	179,20
					HPC.ST.1101.0550h7.12XD.135.IK.HA	SCPP415	G4	●	179,20
					HPC.ST.1101.0560h7.12XD.135.IK.HA	SCPP415	G4	○	179,20
					HPC.ST.1101.0570h7.12XD.135.IK.HA	SCPP415	G4	○	179,20
					HPC.ST.1101.0580h7.12XD.135.IK.HA	SCPP415	G4	●	179,20
					HPC.ST.1101.0590h7.12XD.135.IK.HA	SCPP415	G4	○	179,20
					HPC.ST.1101.0600h7.12XD.135.IK.HA	SCPP415	G4	●	179,20
					HPC.ST.1101.0610h7.12XD.135.IK.HA	SCPP415	G4	●	247,60
					HPC.ST.1101.0620h7.12XD.135.IK.HA	SCPP415	G4	○	247,60
					HPC.ST.1101.0630h7.12XD.135.IK.HA	SCPP415	G4	●	247,60
					HPC.ST.1101.0640h7.12XD.135.IK.HA	SCPP415	G4	○	247,60
					HPC.ST.1101.0650h7.12XD.135.IK.HA	SCPP415	G4	●	247,60
					HPC.ST.1101.0660h7.12XD.135.IK.HA	SCPP415	G4	●	247,60
					HPC.ST.1101.0670h7.12XD.135.IK.HA	SCPP415	G4	○	247,60
					HPC.ST.1101.0680h7.12XD.135.IK.HA	SCPP415	G4	●	247,60
					HPC.ST.1101.0690h7.12XD.135.IK.HA	SCPP415	G4	●	247,60
					HPC.ST.1101.0700h7.12XD.135.IK.HA	SCPP415	G4	●	247,60
					HPC.ST.1101.0710h7.12XD.135.IK.HA	SCPP415	G4	○	247,60
					HPC.ST.1101.0720h7.12XD.135.IK.HA	SCPP415	G4	○	247,60
					HPC.ST.1101.0730h7.12XD.135.IK.HA	SCPP415	G4	○	247,60
					HPC.ST.1101.0740h7.12XD.135.IK.HA	SCPP415	G4	○	247,60
					HPC.ST.1101.0750h7.12XD.135.IK.HA	SCPP415	G4	●	247,60
					HPC.ST.1101.0760h7.12XD.135.IK.HA	SCPP415	G4	○	247,60
					HPC.ST.1101.0770h7.12XD.135.IK.HA	SCPP415	G4	○	247,60
					HPC.ST.1101.0780h7.12XD.135.IK.HA	SCPP415	G4	●	247,60
					HPC.ST.1101.0790h7.12XD.135.IK.HA	SCPP415	G4	○	247,60
					HPC.ST.1101.0800h7.12XD.135.IK.HA	SCPP415	G4	●	247,60
					HPC.ST.1101.0810h7.12XD.135.IK.HA	SCPP415	G4	○	314,00
					HPC.ST.1101.0820h7.12XD.135.IK.HA	SCPP415	G4	●	314,00
					HPC.ST.1101.0830h7.12XD.135.IK.HA	SCPP415	G4	○	314,00
					HPC.ST.1101.0840h7.12XD.135.IK.HA	SCPP415	G4	○	314,00
					HPC.ST.1101.0850h7.12XD.135.IK.HA	SCPP415	G4	●	314,00
					HPC.ST.1101.0860h7.12XD.135.IK.HA	SCPP415	G4	○	314,00
					HPC.ST.1101.0870h7.12XD.135.IK.HA	SCPP415	G4	○	314,00
					HPC.ST.1101.0880h7.12XD.135.IK.HA	SCPP415	G4	○	314,00
					HPC.ST.1101.0890h7.12XD.135.IK.HA	SCPP415	G4	○	314,00
					HPC.ST.1101.0900h7.12XD.135.IK.HA	SCPP415	G4	●	314,00
					HPC.ST.1101.0910h7.12XD.135.IK.HA	SCPP415	G4	○	314,00

W106H				
				
HPC.H.106H.0260h7.5XD.140.HA	SCPH405	G4	●	53,60
HPC.H.106H.0280h7.5XD.140.HA	SCPH405	G4	●	53,60
HPC.H.106H.0300h7.5XD.140.HA	SCPH405	G4	●	57,70
HPC.H.106H.0330h7.5XD.140.HA	SCPH405	G4	●	57,70
HPC.H.106H.0340h7.5XD.140.HA	SCPH405	G4	●	57,70
HPC.H.106H.0350h7.5XD.140.HA	SCPH405	G4	●	57,70
HPC.H.106H.0380h7.5XD.140.HA	SCPH405	G4	●	58,80
HPC.H.106H.0400h7.5XD.140.HA	SCPH405	G4	●	58,80
HPC.H.106H.0420h7.5XD.140.HA	SCPH405	G4	●	58,80
HPC.H.106H.0430h7.5XD.140.HA	SCPH405	G4	●	58,80
HPC.H.106H.0450h7.5XD.140.HA	SCPH405	G4	●	58,80
HPC.H.106H.0480h7.5XD.140.HA	SCPH405	G4	●	58,80
HPC.H.106H.0500h7.5XD.140.HA	SCPH405	G4	●	58,80
HPC.H.106H.0520h7.5XD.140.HA	SCPH405	G4	●	58,80
HPC.H.106H.0550h7.5XD.140.HA	SCPH405	G4	●	58,80
HPC.H.106H.0580h7.5XD.140.HA	SCPH405	G4	●	58,80
HPC.H.106H.0600h7.5XD.140.HA	SCPH405	G4	●	58,80
HPC.H.106H.0650h7.5XD.140.HA	SCPH405	G4	●	70,10
HPC.H.106H.0680h7.5XD.140.HA	SCPH405	G4	●	70,10
HPC.H.106H.0700h7.5XD.140.HA	SCPH405	G4	●	70,10
HPC.H.106H.0720h7.5XD.140.HA	SCPH405	G4	●	70,10
HPC.H.106H.0780h7.5XD.140.HA	SCPH405	G4	●	70,10
HPC.H.106H.0800h7.5XD.140.HA	SCPH405	G4	●	70,10
HPC.H.106H.0850h7.5XD.140.HA	SCPH405	G4	●	80,40
HPC.H.106H.0870h7.5XD.140.HA	SCPH405	G4	●	80,40
HPC.H.106H.0880h7.5XD.140.HA	SCPH405	G4	●	80,40
HPC.H.106H.0900h7.5XD.140.HA	SCPH405	G4	●	80,40
HPC.H.106H.0980h7.5XD.140.HA	SCPH405	G4	●	80,40
HPC.H.106H.1000h7.5XD.140.HA	SCPH405	G4	●	80,40
HPC.H.106H.1020h7.5XD.140.HA	SCPH405	G4	●	142,20
HPC.H.106H.1030h7.5XD.140.HA	SCPH405	G4	●	142,20
HPC.H.106H.1050h7.5XD.140.HA	SCPH405	G4	●	142,20
HPC.H.106H.1080h7.5XD.140.HA	SCPH405	G4	●	142,20
HPC.H.106H.1100h7.5XD.140.HA	SCPH405	G4	●	142,20
HPC.H.106H.1180h7.5XD.140.HA	SCPH405	G4	●	142,20
HPC.H.106H.1200h7.5XD.140.HA	SCPH405	G4	●	142,20
HPC.H.106H.1250h7.5XD.140.HA	SCPH405	G4	●	165,90
HPC.H.106H.1280h7.5XD.140.HA	SCPH405	G4	●	165,90
HPC.H.106H.1300h7.5XD.140.HA	SCPH405	G4	●	165,90
HPC.H.106H.1380h7.5XD.140.HA	SCPH405	G4	●	165,90
HPC.H.106H.1400h7.5XD.140.HA	SCPH405	G4	●	165,90
HPC.H.106H.1480h7.5XD.140.HA	SCPH405	G4	●	239,00
HPC.H.106H.1500h7.5XD.140.HA	SCPH405	G4	●	239,00
HPC.H.106H.1580h7.5XD.140.HA	SCPH405	G4	●	239,00
HPC.H.106H.1600h7.5XD.140.HA	SCPH405	G4	●	239,00





Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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<b>W1102</b> 				<b>W1103</b> 			
HPC.ST.1102.1580h7.8XD.135.IK.HA	SCPP415	G4	● 532,40	HPC.ST.1103.0840m6.5XD.140.IK.HA	SCPP415	G5	○ 115,50
HPC.ST.1102.1600h7.8XD.135.IK.HA	SCPP415	G4	● 532,40	HPC.ST.1103.0850m6.5XD.140.IK.HA	SCPP415	G5	● 115,50

<b>W1103</b> 				<b>W1104</b> 			
HPC.ST.1103.0300m6.5XD.140.IK.HA	SCPP415	G5	● 86,00	HPC.ST.1104.0300m6.8XD.140.IK.HA	SCPP415	G5	● 154,10
HPC.ST.1103.0310m6.5XD.140.IK.HA	SCPP415	G5	○ 86,00	HPC.ST.1104.0330m6.8XD.140.IK.HA	SCPP415	G5	● 154,10
HPC.ST.1103.0320m6.5XD.140.IK.HA	SCPP415	G5	○ 86,00	HPC.ST.1104.0340m6.8XD.140.IK.HA	SCPP415	G5	● 154,10
HPC.ST.1103.0330m6.5XD.140.IK.HA	SCPP415	G5	● 86,00	HPC.ST.1104.0350m6.8XD.140.IK.HA	SCPP415	G5	● 154,10
HPC.ST.1103.0340m6.5XD.140.IK.HA	SCPP415	G5	● 86,00	HPC.ST.1104.0370m6.8XD.140.IK.HA	SCPP415	G5	● 154,10
HPC.ST.1103.0350m6.5XD.140.IK.HA	SCPP415	G5	● 86,00	HPC.ST.1104.0380m6.8XD.140.IK.HA	SCPP415	G5	● 154,10
HPC.ST.1103.0360m6.5XD.140.IK.HA	SCPP415	G5	○ 86,00	HPC.ST.1104.0400m6.8XD.140.IK.HA	SCPP415	G5	● 154,10
HPC.ST.1103.0370m6.5XD.140.IK.HA	SCPP415	G5	● 86,00	HPC.ST.1104.0410m6.8XD.140.IK.HA	SCPP415	G5	● 154,10
HPC.ST.1103.0380m6.5XD.140.IK.HA	SCPP415	G5	● 86,00	HPC.ST.1104.0420m6.8XD.140.IK.HA	SCPP415	G5	● 154,10
HPC.ST.1103.0390m6.5XD.140.IK.HA	SCPP415	G5	○ 86,00	HPC.ST.1104.0430m6.8XD.140.IK.HA	SCPP415	G5	● 154,10
HPC.ST.1103.0400m6.5XD.140.IK.HA	SCPP415	G5	● 86,00	HPC.ST.1104.0450m6.8XD.140.IK.HA	SCPP415	G5	● 154,10
HPC.ST.1103.0410m6.5XD.140.IK.HA	SCPP415	G5	○ 86,00	HPC.ST.1104.0460m6.8XD.140.IK.HA	SCPP415	G5	● 154,10
HPC.ST.1103.0420m6.5XD.140.IK.HA	SCPP415	G5	● 86,00	HPC.ST.1104.0470m6.8XD.140.IK.HA	SCPP415	G5	● 154,10
HPC.ST.1103.0430m6.5XD.140.IK.HA	SCPP415	G5	● 86,00	HPC.ST.1104.0480m6.8XD.140.IK.HA	SCPP415	G5	● 154,10
HPC.ST.1103.0440m6.5XD.140.IK.HA	SCPP415	G5	○ 86,00	HPC.ST.1104.0500m6.8XD.140.IK.HA	SCPP415	G5	● 154,10
HPC.ST.1103.0450m6.5XD.140.IK.HA	SCPP415	G5	● 86,00				
HPC.ST.1103.0460m6.5XD.140.IK.HA	SCPP415	G5	● 86,00				
HPC.ST.1103.0470m6.5XD.140.IK.HA	SCPP415	G5	○ 86,00				
HPC.ST.1103.0480m6.5XD.140.IK.HA	SCPP415	G5	○ 86,00				
HPC.ST.1103.0490m6.5XD.140.IK.HA	SCPP415	G5	○ 86,00				
HPC.ST.1103.0500m6.5XD.140.IK.HA	SCPP415	G5	● 86,00				
HPC.ST.1103.0510m6.5XD.140.IK.HA	SCPP415	G5	● 86,00				
HPC.ST.1103.0520m6.5XD.140.IK.HA	SCPP415	G5	● 86,00				
HPC.ST.1103.0530m6.5XD.140.IK.HA	SCPP415	G5	○ 86,00				
HPC.ST.1103.0540m6.5XD.140.IK.HA	SCPP415	G5	○ 86,00				
HPC.ST.1103.0550m6.5XD.140.IK.HA	SCPP415	G5	● 86,00				
HPC.ST.1103.0560m6.5XD.140.IK.HA	SCPP415	G5	○ 86,00				
HPC.ST.1103.0570m6.5XD.140.IK.HA	SCPP415	G5	○ 86,00				
HPC.ST.1103.0580m6.5XD.140.IK.HA	SCPP415	G5	● 86,00				
HPC.ST.1103.0590m6.5XD.140.IK.HA	SCPP415	G5	○ 86,00				
HPC.ST.1103.0600m6.5XD.140.IK.HA	SCPP415	G5	● 86,00				
HPC.ST.1103.0610m6.5XD.140.IK.HA	SCPP415	G5	○ 99,00				
HPC.ST.1103.0620m6.5XD.140.IK.HA	SCPP415	G5	○ 99,00				
HPC.ST.1103.0630m6.5XD.140.IK.HA	SCPP415	G5	● 99,00				
HPC.ST.1103.0640m6.5XD.140.IK.HA	SCPP415	G5	○ 99,00				
HPC.ST.1103.0650m6.5XD.140.IK.HA	SCPP415	G5	● 99,00				
HPC.ST.1103.0660m6.5XD.140.IK.HA	SCPP415	G5	○ 99,00				
HPC.ST.1103.0670m6.5XD.140.IK.HA	SCPP415	G5	○ 99,00				
HPC.ST.1103.0680m6.5XD.140.IK.HA	SCPP415	G5	● 99,00				
HPC.ST.1103.0690m6.5XD.140.IK.HA	SCPP415	G5	● 99,00				
HPC.ST.1103.0700m6.5XD.140.IK.HA	SCPP415	G5	● 99,00				
HPC.ST.1103.0710m6.5XD.140.IK.HA	SCPP415	G5	○ 99,00				
HPC.ST.1103.0720m6.5XD.140.IK.HA	SCPP415	G5	○ 99,00				
HPC.ST.1103.0730m6.5XD.140.IK.HA	SCPP415	G5	○ 99,00				
HPC.ST.1103.0740m6.5XD.140.IK.HA	SCPP415	G5	● 99,00				
HPC.ST.1103.0750m6.5XD.140.IK.HA	SCPP415	G5	● 99,00				
HPC.ST.1103.0760m6.5XD.140.IK.HA	SCPP415	G5	○ 99,00				
HPC.ST.1103.0770m6.5XD.140.IK.HA	SCPP415	G5	○ 99,00				
HPC.ST.1103.0780m6.5XD.140.IK.HA	SCPP415	G5	● 99,00				
HPC.ST.1103.0790m6.5XD.140.IK.HA	SCPP415	G5	○ 99,00				
HPC.ST.1103.0800m6.5XD.140.IK.HA	SCPP415	G5	● 99,00				
HPC.ST.1103.0810m6.5XD.140.IK.HA	SCPP415	G5	○ 115,50				
HPC.ST.1103.0820m6.5XD.140.IK.HA	SCPP415	G5	○ 115,50				
HPC.ST.1103.0830m6.5XD.140.IK.HA	SCPP415	G5	○ 115,50				






















Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
W1140					W1205				
 					 				
TS.UN.1140.0300h7.40XD.135.IK.HA	SCPP420	G5	●	451,50	HPC.AL.1205.0270h7.5XD.135.IK.HA	SCPN435	G4	○	72,10
TS.UN.1140.0400h7.40XD.135.IK.HA	SCPP420	G5	●	451,50	HPC.AL.1205.0272h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
TS.UN.1140.0420h7.40XD.135.IK.HA	SCPP420	G5	●	499,90	HPC.AL.1205.0280h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
TS.UN.1140.0450h7.40XD.135.IK.HA	SCPP420	G5	○	499,90	HPC.AL.1205.0282h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
TS.UN.1140.0480h7.40XD.135.IK.HA	SCPP420	G5	○	533,60	HPC.AL.1205.0290h7.5XD.135.IK.HA	SCPN435	G4	○	72,10
TS.UN.1140.0500h7.40XD.135.IK.HA	SCPP420	G5	●	533,60	HPC.AL.1205.0300h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
TS.UN.1140.0550h7.40XD.135.IK.HA	SCPP420	G5	○	574,00	HPC.AL.1205.0302h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
TS.UN.1140.0580h7.40XD.135.IK.HA	SCPP420	G5	○	574,00	HPC.AL.1205.0310h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
TS.UN.1140.0600h7.40XD.135.IK.HA	SCPP420	G5	●	574,00	HPC.AL.1205.0320h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
TS.UN.1140.0650h7.40XD.135.IK.HA	SCPP420	G5	●	617,10	HPC.AL.1205.0322h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
TS.UN.1140.0680h7.40XD.135.IK.HA	SCPP420	G5	●	617,10	HPC.AL.1205.0330h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
TS.UN.1140.0700h7.40XD.135.IK.HA	SCPP420	G5	●	617,10	HPC.AL.1205.0332h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
TS.UN.1140.0750h7.40XD.135.IK.HA	SCPP420	G5	○	685,80	HPC.AL.1205.0340h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
TS.UN.1140.0780h7.40XD.135.IK.HA	SCPP420	G5	○	685,80	HPC.AL.1205.0350h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
TS.UN.1140.0800h7.40XD.135.IK.HA	SCPP420	G5	●	685,80	HPC.AL.1205.0352h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
TS.UN.1140.0850h7.40XD.135.IK.HA	SCPP420	G5	●	754,50	HPC.AL.1205.0360h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
TS.UN.1140.0880h7.40XD.135.IK.HA	SCPP420	G5	○	754,50	HPC.AL.1205.0370h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
TS.UN.1140.0900h7.40XD.135.IK.HA	SCPP420	G5	●	754,50	HPC.AL.1205.0380h7.5XD.135.IK.HA	SCPN435	G4	●	72,10

W1150					W1205				
 					 				
TS.UN.1150.0300h7.50XD.135.IK.HA	SCPP420	G5	●	613,10	HPC.AL.1205.0100h7.5XD.135.IK.HA	SCPN435	G4	○	72,10
TS.UN.1150.0400h7.50XD.135.IK.HA	SCPP420	G5	●	613,10	HPC.AL.1205.0110h7.5XD.135.IK.HA	SCPN435	G4	○	72,10
TS.UN.1150.0420h7.50XD.135.IK.HA	SCPP420	G5	●	681,70	HPC.AL.1205.0120h7.5XD.135.IK.HA	SCPN435	G4	○	72,10
TS.UN.1150.0450h7.50XD.135.IK.HA	SCPP420	G5	○	681,70	HPC.AL.1205.0130h7.5XD.135.IK.HA	SCPN435	G4	○	72,10
TS.UN.1150.0480h7.50XD.135.IK.HA	SCPP420	G5	○	770,70	HPC.AL.1205.0140h7.5XD.135.IK.HA	SCPN435	G4	○	72,10
TS.UN.1150.0500h7.50XD.135.IK.HA	SCPP420	G5	●	770,70	HPC.AL.1205.0150h7.5XD.135.IK.HA	SCPN435	G4	○	72,10
TS.UN.1150.0550h7.50XD.135.IK.HA	SCPP420	G5	○	866,40	HPC.AL.1205.0160h7.5XD.135.IK.HA	SCPN435	G4	○	72,10
TS.UN.1150.0580h7.50XD.135.IK.HA	SCPP420	G5	○	878,50	HPC.AL.1205.0170h7.5XD.135.IK.HA	SCPN435	G4	○	72,10
TS.UN.1150.0600h7.50XD.135.IK.HA	SCPP420	G5	●	878,50	HPC.AL.1205.0180h7.5XD.135.IK.HA	SCPN435	G4	○	72,10
TS.UN.1150.0650h7.50XD.135.IK.HA	SCPP420	G5	○	976,90	HPC.AL.1205.0190h7.5XD.135.IK.HA	SCPN435	G4	○	72,10
TS.UN.1150.0700h7.50XD.135.IK.HA	SCPP420	G5	●	1059,00	HPC.AL.1205.0200h7.5XD.135.IK.HA	SCPN435	G4	○	72,10

W1205					W1205				
 					 				
HPC.AL.1205.0100h7.5XD.135.IK.HA	SCPN435	G4	○	72,10	HPC.AL.1205.0520h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
HPC.AL.1205.0110h7.5XD.135.IK.HA	SCPN435	G4	○	72,10	HPC.AL.1205.0522h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
HPC.AL.1205.0120h7.5XD.135.IK.HA	SCPN435	G4	○	72,10	HPC.AL.1205.0530h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
HPC.AL.1205.0130h7.5XD.135.IK.HA	SCPN435	G4	○	72,10	HPC.AL.1205.0540h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
HPC.AL.1205.0140h7.5XD.135.IK.HA	SCPN435	G4	○	72,10	HPC.AL.1205.0550h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
HPC.AL.1205.0150h7.5XD.135.IK.HA	SCPN435	G4	○	72,10	HPC.AL.1205.0552h7.5XD.135.IK.HA	SCPN435	G4	○	72,10
HPC.AL.1205.0160h7.5XD.135.IK.HA	SCPN435	G4	○	72,10	HPC.AL.1205.0560h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
HPC.AL.1205.0170h7.5XD.135.IK.HA	SCPN435	G4	○	72,10	HPC.AL.1205.0570h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
HPC.AL.1205.0180h7.5XD.135.IK.HA	SCPN435	G4	○	72,10	HPC.AL.1205.0580h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
HPC.AL.1205.0190h7.5XD.135.IK.HA	SCPN435	G4	○	72,10	HPC.AL.1205.0582h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
HPC.AL.1205.0200h7.5XD.135.IK.HA	SCPN435	G4	○	72,10	HPC.AL.1205.0590h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
HPC.AL.1205.0202h7.5XD.135.IK.HA	SCPN435	G4	●	72,10	HPC.AL.1205.0600h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
HPC.AL.1205.0210h7.5XD.135.IK.HA	SCPN435	G4	○	72,10	HPC.AL.1205.0602h7.5XD.135.IK.HA	SCPN435	G4	●	72,10
HPC.AL.1205.0220h7.5XD.135.IK.HA	SCPN435	G4	○	72,10	HPC.AL.1205.0610h7.5XD.135.IK.HA	SCPN435	G4	●	83,10
HPC.AL.1205.0222h7.5XD.135.IK.HA	SCPN435	G4	●	72,10	HPC.AL.1205.0620h7.5XD.135.IK.HA	SCPN435	G4	●	83,10
HPC.AL.1205.0230h7.5XD.135.IK.HA	SCPN435	G4	○	72,10	HPC.AL.1205.0630h7.5XD.135.IK.HA	SCPN435	G4	●	83,10
HPC.AL.1205.0240h7.5XD.135.IK.HA	SCPN435	G4	○	72,10	HPC.AL.1205.0640h7.5XD.135.IK.HA	SCPN435	G4	●	83,10
HPC.AL.1205.0242h7.5XD.135.IK.HA	SCPN435	G4	●	72,10	HPC.AL.1205.0650h7.5XD.135.IK.HA	SCPN435	G4	●	83,10
HPC.AL.1205.0250h7.5XD.135.IK.HA	SCPN435	G4	●	72,10	HPC.AL.1205.0652h7.5XD.135.IK.HA	SCPN435	G4	○	83,10
HPC.AL.1205.0252h7.5XD.135.IK.HA	SCPN435	G4	●	72,10	HPC.AL.1205.0660h7.5XD.135.IK.HA	SCPN435	G4	●	83,10
HPC.AL.1205.0260h7.5XD.135.IK.HA	SCPN435	G4	○	72,10	HPC.AL.1205.0670h7.5XD.135.IK.HA	SCPN435	G4	●	83,10
HPC.AL.1205.0270h7.5XD.135.IK.HA	SCPN435	G4	●	83,10	HPC.AL.1205.0680h7.5XD.135.IK.HA	SCPN435	G4	●	83,10
HPC.AL.1205.0280h7.5XD.135.IK.HA	SCPN435	G4	●	83,10	HPC.AL.1205.0682h7.5XD.135.IK.HA	SCPN435	G4	●	83,10
HPC.AL.1205.0290h7.5XD.135.IK.HA	SCPN435	G4	●	83,10	HPC.AL.1205.0690h7.5XD.135.IK.HA	SCPN435	G4	●	83,10
HPC.AL.1205.0300h7.5XD.135.IK.HA	SCPN435	G4	●	83,10	HPC.AL.1205.0700h7.5XD.135.IK.HA	SCPN435	G4	●	83,10











Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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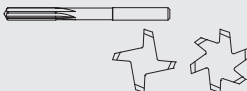
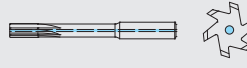
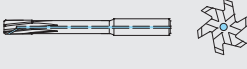
**W1225**

TS.AL.1225.0680h7.25XD.135.IK.HA	SCPN435	G4	○	491,40
TS.AL.1225.0700h7.25XD.135.IK.HA	SCPN435	G4	●	491,40
TS.AL.1225.0750h7.25XD.135.IK.HA	SCPN435	G4	○	548,00
TS.AL.1225.0780h7.25XD.135.IK.HA	SCPN435	G4	●	548,00
TS.AL.1225.0800h7.25XD.135.IK.HA	SCPN435	G4	●	548,00
TS.AL.1225.0850h7.25XD.135.IK.HA	SCPN435	G4	○	598,50
TS.AL.1225.0880h7.25XD.135.IK.HA	SCPN435	G4	○	598,50
TS.AL.1225.0900h7.25XD.135.IK.HA	SCPN435	G4	○	668,50
TS.AL.1225.0980h7.25XD.135.IK.HA	SCPN435	G4	●	668,50
TS.AL.1225.1000h7.25XD.135.IK.HA	SCPN435	G4	○	668,50
TS.AL.1225.1020h7.25XD.135.IK.HA	SCPN435	G4	○	740,60
TS.AL.1225.1080h7.25XD.135.IK.HA	SCPN435	G4	○	740,60
TS.AL.1225.1180h7.25XD.135.IK.HA	SCPN435	G4	○	740,60
TS.AL.1225.1200h7.25XD.135.IK.HA	SCPN435	G4	○	740,60

**W1230**

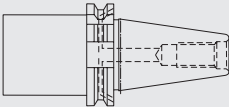
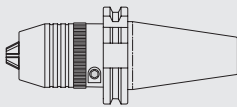
TS.AL.1230.0200h7.30XD.135.IK.HA	SCPN435	G4	●	222,40
TS.AL.1230.0220h7.30XD.135.IK.HA	SCPN435	G4	○	222,40
TS.AL.1230.0230h7.30XD.135.IK.HA	SCPN435	G4	○	222,40
TS.AL.1230.0240h7.30XD.135.IK.HA	SCPN435	G4	○	240,70
TS.AL.1230.0250h7.30XD.135.IK.HA	SCPN435	G4	●	240,70
TS.AL.1230.0270h7.30XD.135.IK.HA	SCPN435	G4	○	240,70
TS.AL.1230.0280h7.30XD.135.IK.HA	SCPN435	G4	○	240,70
TS.AL.1230.0300h7.30XD.135.IK.HA	SCPN435	G4	●	333,20
TS.AL.1230.0320h7.30XD.135.IK.HA	SCPN435	G4	●	333,20
TS.AL.1230.0330h7.30XD.135.IK.HA	SCPN435	G4	●	347,10
TS.AL.1230.0350h7.30XD.135.IK.HA	SCPN435	G4	●	347,10
TS.AL.1230.0380h7.30XD.135.IK.HA	SCPN435	G4	○	347,10
TS.AL.1230.0400h7.30XD.135.IK.HA	SCPN435	G4	●	347,10
TS.AL.1230.0420h7.30XD.135.IK.HA	SCPN435	G4	●	347,10
TS.AL.1230.0450h7.30XD.135.IK.HA	SCPN435	G4	●	357,90
TS.AL.1230.0480h7.30XD.135.IK.HA	SCPN435	G4	●	357,90
TS.AL.1230.0500h7.30XD.135.IK.HA	SCPN435	G4	●	357,90
TS.AL.1230.0550h7.30XD.135.IK.HA	SCPN435	G4	●	383,70
TS.AL.1230.0580h7.30XD.135.IK.HA	SCPN435	G4	●	383,70
TS.AL.1230.0600h7.30XD.135.IK.HA	SCPN435	G4	●	383,70
TS.AL.1230.0650h7.30XD.135.IK.HA	SCPN435	G4	●	411,40
TS.AL.1230.0680h7.30XD.135.IK.HA	SCPN435	G4	○	428,10
TS.AL.1230.0700h7.30XD.135.IK.HA	SCPN435	G4	●	428,10
TS.AL.1230.0750h7.30XD.135.IK.HA	SCPN435	G4	○	428,10
TS.AL.1230.0780h7.30XD.135.IK.HA	SCPN435	G4	●	476,20
TS.AL.1230.0800h7.30XD.135.IK.HA	SCPN435	G4	●	476,20
TS.AL.1230.0850h7.30XD.135.IK.HA	SCPN435	G4	○	517,00
TS.AL.1230.0880h7.30XD.135.IK.HA	SCPN435	G4	○	578,80
TS.AL.1230.0900h7.30XD.135.IK.HA	SCPN435	G4	●	578,80
TS.AL.1230.0980h7.30XD.135.IK.HA	SCPN435	G4	○	578,80
TS.AL.1230.1000h7.30XD.135.IK.HA	SCPN435	G4	●	578,80
TS.AL.1230.1020h7.30XD.135.IK.HA	SCPN435	G4	○	738,90
TS.AL.1230.1080h7.30XD.135.IK.HA	SCPN435	G4	○	738,90
TS.AL.1230.1180h7.30XD.135.IK.HA	SCPN435	G4	○	738,90
TS.AL.1230.1200h7.30XD.135.IK.HA	SCPN435	G4	○	738,90

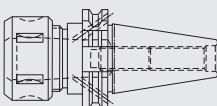
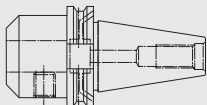


Designation	Grade	PG	€ each	Designation	Grade	PG	€ each		
<div>W0603</div>				<div>W0607</div>					
SLR.H.0603.0598H7.42.HA	SCPH605	G8	○	79,60	HSC-RA.UN.0607.0397H7.29.IK.HA	SCPP625	G8	○	99,00
SLR.H.0603.0599H7.42.HA	SCPH605	G8	●	79,60	HSC-RA.UN.0607.0398H7.29.IK.HA	SCPP625	G8	○	99,00
<div>W0606</div>									
HSC-RA.UN.0606.0397H7.29.IK.HA	SCPP625	G8	○	169,00	HSC-RA.UN.0607.0400H7.29.IK.HA	SCPP625	G8	●	99,00
HSC-RA.UN.0606.0398H7.29.IK.HA	SCPP625	G8	○	169,00	HSC-RA.UN.0607.0401H7.29.IK.HA	SCPP625	G8	●	99,00
HSC-RA.UN.0606.0399H7.29.IK.HA	SCPP625	G8	○	169,00	HSC-RA.UN.0607.0402H7.29.IK.HA	SCPP625	G8	●	99,00
HSC-RA.UN.0606.0400H7.29.IK.HA	SCPP625	G8	●	169,00	HSC-RA.UN.0607.0403H7.29.IK.HA	SCPP625	G8	●	99,00
HSC-RA.UN.0606.0401H7.29.IK.HA	SCPP625	G8	●	169,00	HSC-RA.UN.0607.0497H7.27.IK.HA	SCPP625	G8	○	99,00
HSC-RA.UN.0606.0402H7.29.IK.HA	SCPP625	G8	○	169,00	HSC-RA.UN.0607.0498H7.27.IK.HA	SCPP625	G8	○	99,00
HSC-RA.UN.0606.0403H7.29.IK.HA	SCPP625	G8	●	169,00	HSC-RA.UN.0607.0499H7.27.IK.HA	SCPP625	G8	●	99,00
HSC-RA.UN.0606.0497H7.27.IK.HA	SCPP625	G8	○	169,00	HSC-RA.UN.0607.0500H7.27.IK.HA	SCPP625	G8	●	99,00
HSC-RA.UN.0606.0498H7.27.IK.HA	SCPP625	G8	○	169,00	HSC-RA.UN.0607.0501H7.27.IK.HA	SCPP625	G8	○	99,00
HSC-RA.UN.0606.0499H7.27.IK.HA	SCPP625	G8	○	169,00	HSC-RA.UN.0607.0502H7.27.IK.HA	SCPP625	G8	●	99,00
HSC-RA.UN.0606.0500H7.27.IK.HA	SCPP625	G8	●	169,00	HSC-RA.UN.0607.0503H7.27.IK.HA	SCPP625	G8	●	99,00
HSC-RA.UN.0606.0501H7.27.IK.HA	SCPP625	G8	●	169,00	HSC-RA.UN.0607.0597H7.26.IK.HA	SCPP625	G8	○	99,00
HSC-RA.UN.0606.0502H7.27.IK.HA	SCPP625	G8	○	169,00	HSC-RA.UN.0607.0598H7.26.IK.HA	SCPP625	G8	○	99,00
HSC-RA.UN.0606.0503H7.27.IK.HA	SCPP625	G8	○	169,00	HSC-RA.UN.0607.0599H7.26.IK.HA	SCPP625	G8	○	99,00
HSC-RA.UN.0606.0597H7.26.IK.HA	SCPP625	G8	○	169,00	HSC-RA.UN.0607.0600H7.26.IK.HA	SCPP625	G8	●	99,00
HSC-RA.UN.0606.0598H7.26.IK.HA	SCPP625	G8	●	169,00	HSC-RA.UN.0607.0601H7.26.IK.HA	SCPP625	G8	●	99,00
HSC-RA.UN.0606.0599H7.26.IK.HA	SCPP625	G8	●	169,00	HSC-RA.UN.0607.0602H7.26.IK.HA	SCPP625	G8	●	99,00
HSC-RA.UN.0606.0600H7.26.IK.HA	SCPP625	G8	●	169,00	HSC-RA.UN.0607.0603H7.26.IK.HA	SCPP625	G8	○	169,00
HSC-RA.UN.0606.0601H7.26.IK.HA	SCPP625	G8	○	169,00	HSC-RA.UN.0607.0797H7.48.IK.HA	SCPP625	G8	○	109,00
HSC-RA.UN.0606.0602H7.26.IK.HA	SCPP625	G8	○	169,00	HSC-RA.UN.0607.0798H7.48.IK.HA	SCPP625	G8	○	109,00
HSC-RA.UN.0606.0603H7.26.IK.HA	SCPP625	G8	○	169,00	HSC-RA.UN.0607.0799H7.48.IK.HA	SCPP625	G8	○	109,00
HSC-RA.UN.0606.0700H7.49.IK.HA	SCPP625	G8	●	195,00	HSC-RA.UN.0607.0800H7.48.IK.HA	SCPP625	G8	●	109,00
HSC-RA.UN.0606.0797H7.48.IK.HA	SCPP625	G8	●	195,00	HSC-RA.UN.0607.0801H7.48.IK.HA	SCPP625	G8	●	109,00
HSC-RA.UN.0606.0798H7.48.IK.HA	SCPP625	G8	○	195,00	HSC-RA.UN.0607.0802H7.48.IK.HA	SCPP625	G8	●	109,00
HSC-RA.UN.0606.0799H7.48.IK.HA	SCPP625	G8	○	195,00	HSC-RA.UN.0607.0803H7.48.IK.HA	SCPP625	G8	●	109,00
HSC-RA.UN.0606.0800H7.48.IK.HA	SCPP625	G8	●	195,00	HSC-RA.UN.0607.0997H7.61.IK.HA	SCPP625	G8	○	186,00
HSC-RA.UN.0606.0801H7.48.IK.HA	SCPP625	G8	○	195,00	HSC-RA.UN.0607.0998H7.61.IK.HA	SCPP625	G8	○	186,00
HSC-RA.UN.0606.0802H7.48.IK.HA	SCPP625	G8	○	195,00	HSC-RA.UN.0607.0999H7.61.IK.HA	SCPP625	G8	●	186,00
HSC-RA.UN.0606.0803H7.48.IK.HA	SCPP625	G8	●	195,00	HSC-RA.UN.0607.1000H7.61.IK.HA	SCPP625	G8	●	186,00
HSC-RA.UN.0606.0997H7.61.IK.HA	SCPP625	G8	○	252,00	HSC-RA.UN.0607.1001H7.61.IK.HA	SCPP625	G8	●	186,00
HSC-RA.UN.0606.0998H7.61.IK.HA	SCPP625	G8	○	252,00	HSC-RA.UN.0607.1002H7.61.IK.HA	SCPP625	G8	●	186,00
HSC-RA.UN.0606.0999H7.61.IK.HA	SCPP625	G8	○	252,00	HSC-RA.UN.0607.1003H7.61.IK.HA	SCPP625	G8	○	186,00
HSC-RA.UN.0606.1000H7.61.IK.HA	SCPP625	G8	●	252,00	HSC-RA.UN.0607.1197H7.53.IK.HA	SCPP625	G8	○	224,00
HSC-RA.UN.0606.1001H7.61.IK.HA	SCPP625	G8	●	252,00	HSC-RA.UN.0607.1198H7.53.IK.HA	SCPP625	G8	●	224,00
HSC-RA.UN.0606.1002H7.61.IK.HA	SCPP625	G8	○	252,00	HSC-RA.UN.0607.1199H7.53.IK.HA	SCPP625	G8	○	224,00
HSC-RA.UN.0606.1003H7.61.IK.HA	SCPP625	G8	○	252,00	HSC-RA.UN.0607.1200H7.53.IK.HA	SCPP625	G8	●	224,00
HSC-RA.UN.0606.1197H7.53.IK.HA	SCPP625	G8	○	291,00	HSC-RA.UN.0607.1201H7.53.IK.HA	SCPP625	G8	●	224,00
HSC-RA.UN.0606.1198H7.53.IK.HA	SCPP625	G8	○	291,00	HSC-RA.UN.0607.1202H7.53.IK.HA	SCPP625	G8	●	224,00
HSC-RA.UN.0606.1199H7.53.IK.HA	SCPP625	G8	○	291,00	HSC-RA.UN.0607.1203H7.53.IK.HA	SCPP625	G8	●	224,00
HSC-RA.UN.0606.1200H7.53.IK.HA	SCPP625	G8	●	291,00	HSC-RA.UN.0607.1600H7.74.IK.HA	SCPP625	G8	○	320,00
HSC-RA.UN.0606.1201H7.53.IK.HA	SCPP625	G8	●	291,00	HSC-RA.UN.0607.1800H7.71.IK.HA	SCPP625	G8	○	401,00
HSC-RA.UN.0606.1202H7.53.IK.HA	SCPP625	G8	○	291,00	HSC-RA.UN.0607.2000H7.66.IK.HA	SCPP625	G8	●	430,00
HSC-RA.UN.0606.1203H7.53.IK.HA	SCPP625	G8	○	291,00					
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HSC-RA.UN.0606.1600H7.74.IK.HA	SCPP625	G8	○	391,00					
HSC-RA.UN.0606.1800H7.71.IK.HA	SCPP625	G8	○	392,00					
HSC-RA.UN.0606.2000H7.66.IK.HA	SCPP625	G8	○	470,00					

## Spindle nose tooling

Spindle nose tooling - DIN 69871

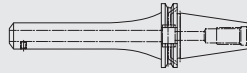
Designation		€ each		Designation		€ each	
<div>Blanks<div></div></div>				<div>Short drill chucks<div></div></div>			
2E45				2E45			
69871 - ADB40 - HF63 - 250		●	139,90	69871 - A50 - BF1 - 16 - 88		●	527,40
69871 - ADB50 - HF63,5 - 300		●	248,90				

<div>Collet chucks<div></div></div>				<div>Weldon shank adapters - short<div></div></div>			
2E45				2E45			
69871 - ADB40 - BC2 - 16 - 120		●	169,50	69871 - ADB40 - WE06 - 50 - F		●	85,30
69871 - ADB40 - BC2 - 16 - 120 - F		●	189,60	69871 - ADB40 - WE06 - 50 - V		●	71,00
69871 - ADB40 - BC2 - 16 - 70		●	119,00	69871 - ADB40 - WE08 - 50 - F		●	85,30
69871 - ADB40 - BC2 - 16 - 70 - F		●	134,70	69871 - ADB40 - WE08 - 50 - V		●	71,00
69871 - ADB40 - BC2 - 25 - 120		●	176,90	69871 - ADB40 - WE10 - 50 - F		●	80,70
69871 - ADB40 - BC2 - 25 - 120 - F		●	196,90	69871 - ADB40 - WE10 - 50 - V		●	67,40
69871 - ADB40 - BC2 - 25 - 70		●	125,00	69871 - ADB40 - WE12 - 50 - F		●	80,70
69871 - ADB40 - BC2 - 25 - 70 - F		●	141,80	69871 - ADB40 - WE12 - 50 - V		●	67,40
69871 - ADB40 - ER16 - 120		●	135,80	69871 - ADB40 - WE14 - 50 - F		●	80,70
69871 - ADB40 - ER16 - 120 - F		●	155,70	69871 - ADB40 - WE14 - 50 - V		●	67,40
69871 - ADB40 - ER16 - 60		●	123,50	69871 - ADB40 - WE16 - 63 - F		●	86,50
69871 - ADB40 - ER16 - 60 - F		●	143,40	69871 - ADB40 - WE16 - 63 - V		●	72,10
69871 - ADB40 - ER25D - 123		●	197,70	69871 - ADB40 - WE18 - 63 - F		●	86,50
69871 - ADB40 - ER25D - 123 - F		●	217,90	69871 - ADB40 - WE18 - 63 - V		●	72,10
69871 - ADB40 - ER25D - 73		●	137,00	69871 - ADB40 - WE20 - 63 - F		●	86,50
69871 - ADB40 - ER25D - 73 - F		●	154,00	69871 - ADB40 - WE20 - 63 - V		●	72,10
69871 - ADB40 - ER25 - 120		●	140,90	69871 - ADB40 - WE25 - 100 - F		●	93,80
69871 - ADB40 - ER25 - 120 - F		●	161,00	69871 - ADB40 - WE25 - 100 - V		●	79,30
69871 - ADB40 - ER25 - 70		●	99,80	69871 - ADB40 - WE32 - 100 - F		●	101,10
69871 - ADB40 - ER25 - 70 - F		●	110,60	69871 - ADB40 - WE32 - 100 - V		●	86,50
69871 - ADB40 - ER32D - 123		●	208,70	69871 - ADB40 - WE40 - 120 - V		●	94,80
69871 - ADB40 - ER32D - 123 - F		●	228,30	69871 - ADB50 - WE06 - 63 - F		●	115,50
69871 - ADB40 - ER32D - 73		●	145,70	69871 - ADB50 - WE06 - 63 - V		●	101,10
69871 - ADB40 - ER32D - 73 - F		●	162,30	69871 - ADB50 - WE08 - 63 - F		●	115,50
69871 - ADB40 - ER32 - 120		●	140,90	69871 - ADB50 - WE08 - 63 - V		●	101,10
69871 - ADB40 - ER32 - 120 - F		●	161,00	69871 - ADB50 - WE10 - 63 - F		●	110,60
69871 - ADB40 - ER32 - 70		●	102,20	69871 - ADB50 - WE10 - 63 - V		●	97,30
69871 - ADB40 - ER32 - 70 - F		●	113,00	69871 - ADB50 - WE12 - 63 - F		●	110,60
69871 - ADB40 - ER40D - 123		●	227,70	69871 - ADB50 - WE12 - 63 - V		●	97,30
69871 - ADB40 - ER40D - 123 - F		●	248,90	69871 - ADB50 - WE14 - 63 - F		●	110,60
69871 - ADB40 - ER40D - 73		●	159,80	69871 - ADB50 - WE14 - 63 - V		●	97,30
69871 - ADB40 - ER40D - 73 - F		●	175,60	69871 - ADB50 - WE16 - 63 - F		●	110,60
69871 - ADB40 - ER40 - 70		●	107,10	69871 - ADB50 - WE16 - 63 - V		●	97,30
69871 - ADB40 - ER40 - 70 - F		●	115,50	69871 - ADB50 - WE18 - 63 - F		●	110,60
69871 - ADB50 - BC2 - 16 - 100		●	214,20	69871 - ADB50 - WE18 - 63 - V		●	97,30
69871 - ADB50 - BC2 - 16 - 70		●	155,20	69871 - ADB50 - WE20 - 63 - F		●	110,60
69871 - ADB50 - BC2 - 25 - 100		●	228,30	69871 - ADB50 - WE20 - 63 - V		●	97,30
69871 - ADB50 - BC2 - 25 - 70		●	173,00	69871 - ADB50 - WE25 - 80 - F		●	120,10
69871 - ADB50 - BC4 - 32 - 73		●	248,90	69871 - ADB50 - WE25 - 80 - V		●	107,10
69871 - ADB50 - ER25D - 103		●	228,30	69871 - ADB50 - WE32 - 100 - F		●	122,80
69871 - ADB50 - ER25D - 73		●	159,80	69871 - ADB50 - WE32 - 100 - V		●	108,20
69871 - ADB50 - ER25 - 100		●	163,40	69871 - ADB50 - WE40 - 120 - V		●	113,00
69871 - ADB50 - ER25 - 160		●	178,10	69871 - AD40 - WE16 - 35 - F		●	130,40
69871 - ADB50 - ER25 - 70		●	126,30	69871 - AD40 - WE16 - 35 - V		●	110,10
69871 - ADB50 - ER32D - 103		●	253,40	69871 - AD40 - WE20 - 35 - F		●	130,40
69871 - ADB50 - ER32D - 73		●	173,00	69871 - AD40 - WE20 - 35 - V		●	110,10
69871 - ADB50 - ER32 - 100		●	174,30	69871 - AD40 - WE25 - 40 - F		●	140,60
69871 - ADB50 - ER32 - 160		●	197,30	69871 - AD40 - WE25 - 40 - V		●	120,60
69871 - ADB50 - ER32 - 70		●	127,40				
69871 - ADB50 - ER40 - 100		●	182,40				
69871 - ADB50 - ER40 - 70		●	130,00				



Designation	€ each	Designation	€ each
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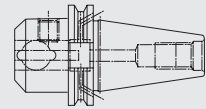
## Weldon shank adapters - long



2E45

69871-ADB40-WE06-100-F	●	87,70
69871-ADB40-WE06-100-V	●	74,70
69871-ADB40-WE06-160-F	●	142,50
69871-ADB40-WE06-160-V	●	122,60
69871-ADB40-WE08-100-F	●	87,70
69871-ADB40-WE08-100-V	●	74,70
69871-ADB40-WE08-160-F	●	142,50
69871-ADB40-WE08-160-V	●	122,60
69871-ADB40-WE10-100-F	●	83,10
69871-ADB40-WE10-100-V	●	69,80
69871-ADB40-WE10-160-F	●	135,80
69871-ADB40-WE10-160-V	●	115,90
69871-ADB40-WE12-100-F	●	80,20
69871-ADB40-WE12-100-V	●	69,80
69871-ADB40-WE12-160-F	●	135,80
69871-ADB40-WE12-160-V	●	115,90
69871-ADB40-WE14-160-F	●	135,80
69871-ADB40-WE14-160-V	●	115,90
69871-ADB40-WE16-100-F	●	90,40
69871-ADB40-WE16-100-V	●	77,00
69871-ADB40-WE16-160-F	●	136,30
69871-ADB40-WE16-160-V	●	116,40
69871-ADB40-WE18-160-F	●	136,30
69871-ADB40-WE18-160-V	●	116,40
69871-ADB40-WE20-100-F	●	90,40
69871-ADB40-WE20-100-V	●	77,00
69871-ADB40-WE20-160-F	●	136,30
69871-ADB40-WE20-160-V	●	116,40
69871-ADB40-WE25-160-F	●	144,50
69871-ADB40-WE25-160-V	●	124,60
69871-ADB50-WE06-100-V	●	162,50
69871-ADB50-WE06-160-V	●	166,20
69871-ADB50-WE08-100-V	●	162,50
69871-ADB50-WE08-160-V	●	166,20
69871-ADB50-WE10-100-V	●	155,90
69871-ADB50-WE10-160-V	●	170,80
69871-ADB50-WE12-100-V	●	155,90
69871-ADB50-WE12-160-V	●	170,80
69871-ADB50-WE14-100-V	●	155,90
69871-ADB50-WE14-160-V	●	170,80
69871-ADB50-WE16-100-V	●	156,70
69871-ADB50-WE16-160-V	●	171,30
69871-ADB50-WE18-100-V	●	156,70
69871-ADB50-WE18-160-V	●	171,30
69871-ADB50-WE20-100-V	●	156,70
69871-ADB50-WE20-160-V	●	171,30
69871-ADB50-WE25-100-V	●	166,20
69871-ADB50-WE25-160-V	●	181,00
69871-ADB50-WE32-160-V	●	183,60

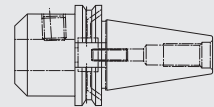
## Weldon shank adapters IK



2E45

69871-ADB40-WE06IK-50-F	●	157,50
69871-ADB40-WE06IK-50-V	●	137,70
69871-ADB40-WE08IK-50-F	●	157,50
69871-ADB40-WE08IK-50-V	●	137,70
69871-ADB40-WE10IK-50-F	●	151,30
69871-ADB40-WE10IK-50-V	●	131,50
69871-ADB40-WE12IK-50-F	●	151,30
69871-ADB40-WE12IK-50-V	●	131,50
69871-ADB40-WE14IK-50-F	●	151,30
69871-ADB40-WE14IK-50-V	●	131,50
69871-ADB40-WE16IK-63-F	●	170,80
69871-ADB40-WE16IK-63-V	●	150,70
69871-ADB40-WE18IK-63-F	●	170,80
69871-ADB40-WE18IK-63-V	●	150,70
69871-ADB40-WE20IK-63-F	●	170,80
69871-ADB40-WE20IK-63-V	●	150,70
69871-ADB40-WE25IK-100-F	●	181,00
69871-ADB40-WE25IK-100-V	●	161,20
69871-ADB40-WE32IK-100-V	●	171,30
69871-ADB40-WE16IK-35-V	●	156,90
69871-ADB40-WE20IK-35-V	●	156,90
69871-ADB40-WE25IK-40-V	●	167,10

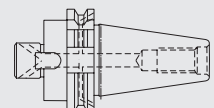
## Whistle Notch shank adapters



2E45

69871-ADB40-WN06-50-F	●	132,30
69871-ADB40-WN06-50-V	●	112,40
69871-ADB40-WN08-50-F	●	132,30
69871-ADB40-WN08-50-V	●	112,40
69871-ADB40-WN10-50-F	●	124,20
69871-ADB40-WN10-50-V	●	104,10
69871-ADB40-WN12-50-F	●	124,20
69871-ADB40-WN12-50-V	●	104,10
69871-ADB40-WN14-50-F	●	124,20
69871-ADB40-WN14-50-V	●	104,10
69871-ADB40-WN16-63-F	●	134,30
69871-ADB40-WN16-63-V	●	114,70
69871-ADB40-WN18-63-F	●	134,30
69871-ADB40-WN18-63-V	●	114,70
69871-ADB40-WN20-63-F	●	134,30
69871-ADB40-WN20-63-V	●	114,70

## Shell mill adapters



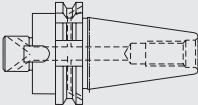
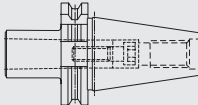
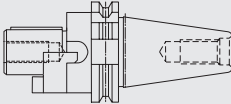
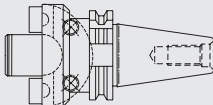
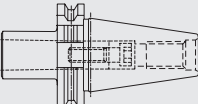
2E45

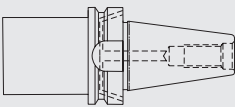
69871-ADB40-QA16-100	●	104,60
69871-ADB40-QA16-160	●	143,40
69871-ADB40-QA16-44	●	97,30
69871-ADB40-QA22-100	●	110,60
69871-ADB40-QA22-160	●	147,80
69871-ADB40-QA22-44	●	105,90
69871-ADB40-QA27-100	●	113,00
69871-ADB40-QA27-160	●	150,00
69871-ADB40-QA27-55	●	107,10
69871-ADB40-QA32-100	●	119,00
69871-ADB40-QA32-160	●	157,10
69871-ADB40-QA32-50	●	113,00

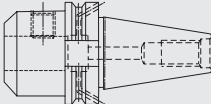


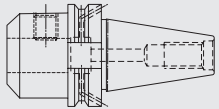
# Spindle nose tooling

Spindle nose tooling - DIN 69871

Designation	€ each	Designation	€ each
<b>Shell mill adapters</b> 		<b>Morse taper adapters</b> 	
<b>2E45</b>		<b>2E45</b>	
69871-ADB40-QA40-100	● 126,30	69871-A50-MK3C-65-V	● 167,10
69871-ADB40-QA40-160	● 163,70	69871-A50-MK3D-65-V	● 114,50
69871-ADB40-QA40-50	● 122,80	69871-A50-MK4C-95-V	● 175,80
69871-ADB50-QA16-100	● 200,10	69871-A50-MK4D-95-V	● 119,00
69871-ADB50-QA16-160	● 217,90	69871-A50-MK5C-120-V	● 199,90
69871-ADB50-QA16-44	● 143,00	69871-A50-MK5D-105-V	● 130,00
69871-ADB50-QA22-100	● 204,40		
69871-ADB50-QA22-160	● 221,90		
69871-ADB50-QA22-44	● 147,80		
69871-ADB50-QA27-100	● 210,30		
69871-ADB50-QA27-160	● 228,30		
69871-ADB50-QA27-44	● 151,30		
69871-ADB50-QA32-100	● 216,60		
69871-ADB50-QA32-160	● 235,20		
69871-ADB50-QA32-40	● 164,90		
69871-ADB50-QA40-100	● 220,80		
69871-ADB50-QA40-160	● 237,40		
69871-ADB50-QA40-50	● 168,30		
<b>Combination shell mill adapters</b> 			
<b>2E45</b>			
69871-A40-KA16-55	● 126,10		
69871-A40-KA22-55	● 131,00		
69871-A40-KA27-55	● 133,70		
69871-A40-KA32-60	● 140,90		
69871-A40-KA40-60	● 148,50		
69871-A50-KA16-55	● 171,30		
69871-A50-KA22-55	● 175,60		
69871-A50-KA27-55	● 190,40		
69871-A50-KA32-55	● 195,50		
69871-A50-KA40-55	● 203,00		
69871-A50-KA50-70	● 222,50		
<b>Shell mill adapters</b> 			
<b>2E45</b>			
69871-A40-MA40-60	● 258,10		
69871-A50-MA40-70	● 274,00		
69871-A50-MA60-70	● 335,60		
<b>Morse taper adapters</b> 			
<b>2E45</b>			
69871-A40-MK1C-50-V	● 120,60		
69871-A40-MK1D-50-V	● 85,30		
69871-A40-MK2C-50-V	● 120,60		
69871-A40-MK2D-50-V	● 87,70		
69871-A40-MK3C-70-V	● 126,10		
69871-A40-MK3D-70-V	● 93,80		
69871-A40-MK4C-95-V	● 131,00		
69871-A40-MK4D-95-V	● 98,60		
69871-A50-MK1C-45-V	● 167,10		
69871-A50-MK1D-50-V	● 107,10		
69871-A50-MK2C-60-V	● 167,10		
69871-A50-MK2D-60-V	● 110,60		

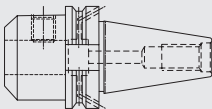
Designation		€ each	
Gauge bars			
2E45			
DIN69871 / MAS - BT - A40 . KD . 40 . 330	●	655,30	
DIN69871 / MAS - BT - A50 . KD . 50 . 330	●	810,60	

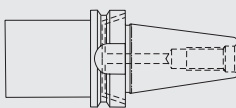
Milling adapters			
2E45			
MAS - BT - ADB40 - WE06IK - 50 - F	●	157,50	
MAS - BT - ADB40 - WE06IK - 50 - V	●	137,70	
MAS - BT - ADB40 - WE06 - 100 - F	●	87,70	
MAS - BT - ADB40 - WE06 - 100 - V	●	74,70	
MAS - BT - ADB40 - WE06 - 160 - F	●	142,50	
MAS - BT - ADB40 - WE06 - 160 - V	●	122,60	
MAS - BT - ADB40 - WE06 - 50 - F	●	85,30	
MAS - BT - ADB40 - WE06 - 50 - V	●	71,00	
MAS - BT - ADB40 - WE08IK - 50 - F	●	157,50	
MAS - BT - ADB40 - WE08IK - 50 - V	●	137,70	
MAS - BT - ADB40 - WE08 - 100 - F	●	87,70	
MAS - BT - ADB40 - WE08 - 100 - V	●	74,70	
MAS - BT - ADB40 - WE08 - 160 - F	●	142,50	
MAS - BT - ADB40 - WE08 - 160 - V	●	122,60	
MAS - BT - ADB40 - WE08 - 50 - F	●	85,30	
MAS - BT - ADB40 - WE08 - 50 - V	●	71,00	
MAS - BT - ADB40 - WE10IK - 63 - F	●	151,30	
MAS - BT - ADB40 - WE10IK - 63 - V	●	131,50	
MAS - BT - ADB40 - WE10 - 100 - F	●	83,10	
MAS - BT - ADB40 - WE10 - 100 - V	●	69,80	
MAS - BT - ADB40 - WE10 - 160 - F	●	135,80	
MAS - BT - ADB40 - WE10 - 160 - V	●	115,90	
MAS - BT - ADB40 - WE10 - 63 - F	●	80,70	
MAS - BT - ADB40 - WE10 - 63 - V	●	67,40	
MAS - BT - ADB40 - WE12IK - 63 - F	●	151,30	
MAS - BT - ADB40 - WE12IK - 63 - V	●	131,50	
MAS - BT - ADB40 - WE12 - 100 - F	●	83,10	
MAS - BT - ADB40 - WE12 - 100 - V	●	69,80	
MAS - BT - ADB40 - WE12 - 160 - F	●	135,80	
MAS - BT - ADB40 - WE12 - 160 - V	●	115,90	
MAS - BT - ADB40 - WE12 - 63 - F	●	80,70	
MAS - BT - ADB40 - WE12 - 63 - V	●	67,40	
MAS - BT - ADB40 - WE14IK - 63 - F	●	151,30	
MAS - BT - ADB40 - WE14IK - 63 - V	●	131,50	
MAS - BT - ADB40 - WE14 - 160 - F	●	141,40	
MAS - BT - ADB40 - WE14 - 160 - V	●	115,90	
MAS - BT - ADB40 - WE14 - 63 - F	●	80,70	
MAS - BT - ADB40 - WE14 - 63 - V	●	67,40	
MAS - BT - ADB40 - WE16IK - 63 - F	●	170,80	
MAS - BT - ADB40 - WE16IK - 63 - V	●	150,70	
MAS - BT - ADB40 - WE16 - 100 - F	●	90,40	
MAS - BT - ADB40 - WE16 - 100 - V	●	77,00	
MAS - BT - ADB40 - WE16 - 160 - F	●	136,30	
MAS - BT - ADB40 - WE16 - 160 - V	●	116,40	
MAS - BT - ADB40 - WE16 - 63 - F	●	86,50	
MAS - BT - ADB40 - WE16 - 63 - V	●	72,10	
MAS - BT - ADB40 - WE18IK - 63 - F	●	170,80	
MAS - BT - ADB40 - WE18IK - 63 - V	●	150,70	
MAS - BT - ADB40 - WE18 - 160 - F	●	141,80	
MAS - BT - ADB40 - WE18 - 160 - V	●	116,40	
MAS - BT - ADB40 - WE18 - 63 - F	●	86,50	
MAS - BT - ADB40 - WE18 - 63 - V	●	72,10	
MAS - BT - ADB40 - WE20IK - 63 - F	●	170,80	
MAS - BT - ADB40 - WE20IK - 63 - V	●	150,70	

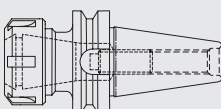
Designation		€ each	
Milling adapters			
2E45			
MAS - BT - ADB40 - WE20 - 100 - F	●	90,40	
MAS - BT - ADB40 - WE20 - 100 - V	●	77,00	
MAS - BT - ADB40 - WE20 - 160 - F	●	136,30	
MAS - BT - ADB40 - WE20 - 160 - V	●	116,40	
MAS - BT - ADB40 - WE20 - 63 - F	●	86,50	
MAS - BT - ADB40 - WE20 - 63 - V	●	72,10	
MAS - BT - ADB40 - WE25IK - 100 - F	●	181,00	
MAS - BT - ADB40 - WE25IK - 100 - V	●	161,20	
MAS - BT - ADB40 - WE25 - 100 - F	●	93,80	
MAS - BT - ADB40 - WE25 - 100 - V	●	79,30	
MAS - BT - ADB40 - WE25 - 160 - F	●	144,50	
MAS - BT - ADB40 - WE25 - 160 - V	●	124,60	
MAS - BT - ADB40 - WE32IK - 100 - V	●	171,30	
MAS - BT - ADB40 - WE32 - 100 - F	●	101,10	
MAS - BT - ADB40 - WE32 - 100 - V	●	86,50	
MAS - BT - ADB40 - WE40 - 120 - V	●	94,80	
MAS - BT - ADB40 - WN06 - 50 - F	●	132,30	
MAS - BT - ADB40 - WN06 - 50 - V	●	112,40	
MAS - BT - ADB40 - WN08 - 50 - F	●	132,30	
MAS - BT - ADB40 - WN08 - 50 - V	●	112,40	
MAS - BT - ADB40 - WN10 - 63 - F	●	124,20	
MAS - BT - ADB40 - WN10 - 63 - V	●	104,10	
MAS - BT - ADB40 - WN12 - 63 - F	●	124,20	
MAS - BT - ADB40 - WN12 - 63 - V	●	104,10	
MAS - BT - ADB40 - WN14 - 63 - F	●	124,20	
MAS - BT - ADB40 - WN14 - 63 - V	●	104,10	
MAS - BT - ADB40 - WN16 - 63 - F	●	134,30	
MAS - BT - ADB40 - WN16 - 63 - V	●	114,70	
MAS - BT - ADB40 - WN18 - 63 - F	●	134,30	
MAS - BT - ADB40 - WN18 - 63 - V	●	114,70	
MAS - BT - ADB40 - WN20 - 63 - V	●	114,70	
MAS - BT - ADB50 - WE06 - 100 - V	●	147,80	
MAS - BT - ADB50 - WE06 - 160 - V	●	162,50	
MAS - BT - ADB50 - WE06 - 63 - V	●	101,10	
MAS - BT - ADB50 - WE08 - 100 - V	●	147,80	
MAS - BT - ADB50 - WE08 - 160 - V	●	162,50	
MAS - BT - ADB50 - WE08 - 63 - V	●	101,10	
MAS - BT - ADB50 - WE10 - 100 - V	●	141,40	
MAS - BT - ADB50 - WE10 - 160 - V	●	155,90	
MAS - BT - ADB50 - WE10 - 80 - V	●	97,30	
MAS - BT - ADB50 - WE12 - 100 - V	●	141,40	
MAS - BT - ADB50 - WE12 - 160 - V	●	155,90	
MAS - BT - ADB50 - WE12 - 80 - V	●	97,30	
MAS - BT - ADB50 - WE14 - 100 - V	●	141,40	
MAS - BT - ADB50 - WE14 - 160 - V	●	155,90	
MAS - BT - ADB50 - WE14 - 80 - V	●	97,30	
MAS - BT - ADB50 - WE16 - 100 - V	●	141,80	
MAS - BT - ADB50 - WE16 - 160 - V	●	156,70	
MAS - BT - ADB50 - WE16 - 80 - V	●	97,30	
MAS - BT - ADB50 - WE18 - 100 - V	●	141,80	
MAS - BT - ADB50 - WE18 - 160 - V	●	156,70	
MAS - BT - ADB50 - WE18 - 80 - V	●	97,30	
MAS - BT - ADB50 - WE20 - 100 - V	●	141,80	
MAS - BT - ADB50 - WE20 - 160 - V	●	156,70	
MAS - BT - ADB50 - WE20 - 80 - V	●	97,30	
MAS - BT - ADB50 - WE25 - 100 - V	●	107,10	
MAS - BT - ADB50 - WE25 - 120 - V	●	151,70	
MAS - BT - ADB50 - WE25 - 160 - V	●	166,20	
MAS - BT - ADB50 - WE32 - 105 - V	●	108,20	
MAS - BT - ADB50 - WE32 - 160 - V	●	169,10	
MAS - BT - ADB50 - WE40 - 120 - V	●	113,00	
MAS - BT - AD40 - WE16IK - 35 - V	●	156,90	

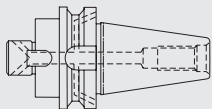
## Spindle nose tooling

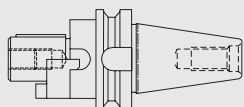
Spindle nose tooling - MAS-BT

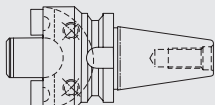
Designation		€ each	
<b>Milling adapters</b>			
<b>2E45</b>			
MAS - BT - AD40 - WE16 - 35 - F	●	130,40	
MAS - BT - AD40 - WE16 - 35 - V	●	110,10	
MAS - BT - AD40 - WE20IK - 35 - V	●	156,90	
MAS - BT - AD40 - WE20 - 35 - F	●	130,40	
MAS - BT - AD40 - WE20 - 35 - V	●	110,10	
MAS - BT - AD40 - WE25IK - 40 - V	●	167,10	
MAS - BT - AD40 - WE25 - 40 - F	●	140,60	
MAS - BT - AD40 - WE25 - 40 - V	●	120,60	

<b>Blanks</b>			
<b>2E45</b>			
MAS - BT - ADB40 - HF63 - 250	●	139,90	
MAS - BT - A50 - HF63, 5 - 300	●	232,90	

<b>Collet chucks</b>			
<b>2E45</b>			
MAS - BT - ADB40 - BC2 - 16 - 120	●	169,50	
MAS - BT - ADB40 - BC2 - 16 - 120 - F	●	189,60	
MAS - BT - ADB40 - BC2 - 16 - 70	●	119,00	
MAS - BT - ADB40 - BC2 - 25 - 120	●	176,90	
MAS - BT - ADB40 - BC2 - 25 - 120 - F	●	196,90	
MAS - BT - ADB40 - BC2 - 25 - 70	●	125,00	
MAS - BT - ADB40 - ER16 - 120	●	135,80	
MAS - BT - ADB40 - ER16 - 120 - F	●	155,70	
MAS - BT - ADB40 - ER16 - 60	●	123,50	
MAS - BT - ADB40 - ER16 - 60 - F	●	143,40	
MAS - BT - ADB40 - ER25D - 123	●	197,70	
MAS - BT - ADB40 - ER25D - 123 - F	●	217,90	
MAS - BT - ADB40 - ER25D - 73	●	137,00	
MAS - BT - ADB40 - ER25 - 120	●	140,90	
MAS - BT - ADB40 - ER25 - 120 - F	●	161,00	
MAS - BT - ADB40 - ER25 - 70	●	99,80	
MAS - BT - ADB40 - ER25 - 70 - F	●	110,60	
MAS - BT - ADB40 - ER32D - 123	●	208,70	
MAS - BT - ADB40 - ER32D - 123 - F	●	228,30	
MAS - BT - ADB40 - ER32D - 73	●	145,70	
MAS - BT - ADB40 - ER32D - 73 - F	●	162,30	
MAS - BT - ADB40 - ER32 - 120	●	140,90	
MAS - BT - ADB40 - ER32 - 120 - F	●	161,00	
MAS - BT - ADB40 - ER32 - 70	●	102,20	
MAS - BT - ADB40 - ER32 - 70 - F	●	113,00	
MAS - BT - ADB40 - ER40D - 73	●	159,80	
MAS - BT - ADB40 - ER40 - 70	●	107,10	
MAS - BT - ADB40 - ER40 - 70 - F	●	115,50	
MAS - BT - AD50 - BC2 - 25 - 120	●	198,70	
MAS - BT - AD50 - BC2 - 25 - 90	●	155,20	
MAS - BT - AD50 - BC4 - 32 - 100	●	173,00	
MAS - BT - AD50 - BC4 - 32 - 120	●	218,10	
MAS - BT - AD50 - ER. 2 - 20. 75	●	127,40	
MAS - BT - AD50 - ER25 - 100	●	148,80	
MAS - BT - AD50 - ER25 - 160	●	165,10	
MAS - BT - AD50 - ER32 - 100	●	159,60	
MAS - BT - AD50 - ER32 - 160	●	182,40	
MAS - BT - AD50 - ER40 - 100	●	167,90	
MAS - BT - AD50 - ER. 4 - 26. 75	●	130,00	

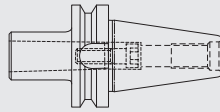
Designation		€ each	
<b>Shell mill adapters</b>			
<b>2E45</b>			
MAS - BT - ADB40 . QA16 . 100 . V	●	104,60	
MAS - BT - ADB40 . QA16 . 160 . V	●	143,40	
MAS - BT - ADB40 . QA16 . 52 . V	●	97,30	
MAS - BT - ADB40 . QA22 . 100 . V	●	110,60	
MAS - BT - ADB40 . QA22 . 160 . V	●	147,80	
MAS - BT - ADB40 . QA22 . 52 . V	●	105,90	
MAS - BT - ADB40 . QA27 . 100 . V	●	113,00	
MAS - BT - ADB40 . QA27 . 160 . V	●	150,00	
MAS - BT - ADB40 . QA27 . 52 . V	●	107,10	
MAS - BT - ADB40 . QA32 . 100 . V	●	119,00	
MAS - BT - ADB40 . QA32 . 160 . V	●	157,10	
MAS - BT - ADB40 . QA32 . 50 . V	●	113,00	
MAS - BT - ADB40 . QA40 . 100 . V	●	126,30	
MAS - BT - ADB40 . QA40 . 160 . V	●	163,70	
MAS - BT - ADB40 . QA40 . 50 . V	●	122,80	
MAS - BT - AD50 . QA16 . 100 . V	●	182,20	
MAS - BT - AD50 . QA16 . 160 . V	●	200,10	
MAS - BT - AD50 . QA16 . 63 . V	●	143,00	
MAS - BT - AD50 . QA22 . 100 . V	●	186,60	
MAS - BT - AD50 . QA22 . 160 . V	●	204,40	
MAS - BT - AD50 . QA22 . 63 . V	●	147,80	
MAS - BT - AD50 . QA27 . 100 . V	●	192,60	
MAS - BT - AD50 . QA27 . 160 . V	●	210,50	
MAS - BT - AD50 - QA27 - 63	●	151,30	
MAS - BT - AD50 . QA32 . 100 . V	●	198,70	
MAS - BT - AD50 . QA32 . 160 . V	●	216,60	
MAS - BT - AD50 . QA32 . 60 . V	●	164,90	
MAS - BT - AD50 . QA40 . 100 . V	●	203,00	
MAS - BT - AD50 . QA40 . 160 . V	●	220,80	
MAS - BT - AD50 . QA40 . 60 . V	●	168,30	

<b>Combination shell mill adapters</b>			
<b>2E45</b>			
MAS - BT - A40 . KA16 . 55 . V	●	126,10	
MAS - BT - A40 . KA22 . 55 . V	●	131,00	
MAS - BT - A40 . KA27 . 55 . V	●	133,70	
MAS - BT - A40 . KA32 . 60 . V	●	140,90	
MAS - BT - A40 . KA40 . 60 . V	●	148,50	
MAS - BT - A50 . KA16 . 70 . V	●	173,80	
MAS - BT - A50 . KA22 . 70 . V	●	180,00	
MAS - BT - A50 . KA27 . 70 . V	●	194,80	
MAS - BT - A50 . KA32 . 70 . V	●	199,50	
MAS - BT - A50 . KA40 . 70 . V	●	206,80	

<b>Shell mill adapters</b>			
<b>2E45</b>			
MAS - BT - A50 - MA40 - 70	●	274,00	
MAS - BT - A50 - MA60 - 80	●	335,60	

Designation	€ each	Designation	€ each
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## Morse taper adapters

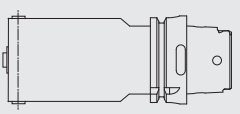
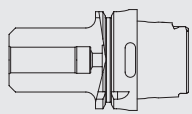
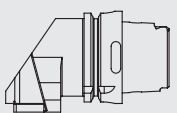
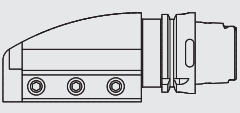
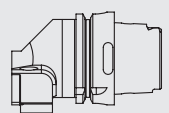
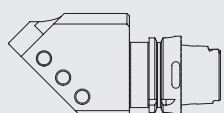
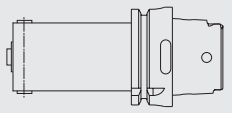
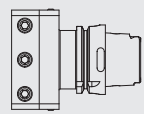
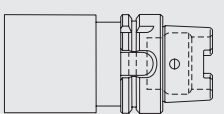
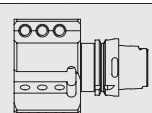
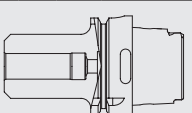
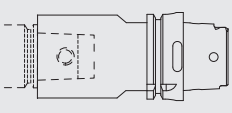


2E45

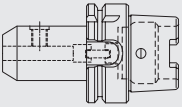
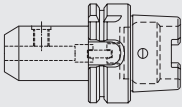
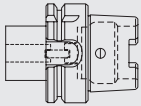
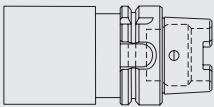
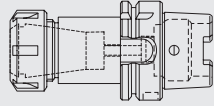
MAS-BT-AD40.KH.MK1.50.V	●	85,30
MAS-BT-AD40.KH.MK2.50.V	●	87,70
MAS-BT-AD40.KH.MK3.70.V	●	93,80
MAS-BT-AD40.KH.MK4.95.V	●	98,60
MAS-BT-AD50.KH.MK1.45.V	●	107,10
MAS-BT-AD50.KH.MK2.60.V	●	110,60
MAS-BT-AD50.KH.MK4.95.V	●	119,00
MAS-BT-AD50.KH.MK5.105.V	●	130,00
MAS-BT-A40-MK3C-70-V	●	126,10
MAS-BT-A40-MK4C-95-V	●	131,00
MAS-BT-A50-MK1C-45-V	●	171,50
MAS-BT-A50-MK2C-60-V	●	167,10
MAS-BT-A50-MK3C-65-V	●	169,50
MAS-BT-A50-MK4C-95-V	●	175,80
MAS-BT-A50-MK5C-118-V	●	199,90

# Spindle nose tooling

Spindle nose tooling - HSK-T

Designation	€ each	Designation	€ each
<b>Extensions</b> 		<b>Boring bar holders</b> 	
<b>2D81</b>		<b>2D80</b>	
HSK - T63 - V120	o 462,10	HSK - T100 - BH40 - 120	o 279,60
HSK - T63 - V80	o 447,30	HSK - T100 - BH50 - 125	o 279,60
HSK - T100 - V120	o 485,30		
<b>HSK-T MSS tool holders 0°</b> 		<b>Tool holders 0°</b> 	
<b>2D80</b>		<b>2D80</b>	
HSK - T63 - MSS - E25L00	o 335,50	HSK - T63 - SHL00 - 2525	o 295,40
HSK - T63 - MSS - E25R00	o 335,50	HSK - T63 - SHR00 - 2525	o 295,40
HSK - T63 - MSS - E32L00	o 335,50	HSK - T100 - SHL00 - 3232	o 388,20
HSK - T63 - MSS - E32R00	o 335,50	HSK - T100 - SHR00 - 3232	o 388,20
HSK - T100 - MSS - E25L00	o 383,00		
HSK - T100 - MSS - E25R00	o 383,00		
HSK - T100 - MSS - E32L00	o 383,00		
HSK - T100 - MSS - E32R00	o 383,00		
<b>HSK-T MSS tool holders 90°</b> 		<b>Tool holders 45°</b> 	
<b>2D80</b>		<b>2D80</b>	
HSK - T63 - MSS - E32L90	o 335,50	HSK - T63 - SHL45 - 2525	o 317,60
HSK - T63 - MSS - E32R90	o 335,50	HSK - T63 - SHR45 - 2525	o 317,60
HSK - T100 - MSS - E32L90	o 383,00	HSK - T100 - SHL45 - 3232	o 407,20
HSK - T100 - MSS - E32R90	o 383,00	HSK - T100 - SHR45 - 3232	o 407,20
<b>Reducers</b> 		<b>Tool holders 90°</b> 	
<b>2D81</b>		<b>2D80</b>	
HSK - T100 - R63 - 100	o 447,30	HSK - T63 - SHN90 - 2525	o 301,70
		HSK - T100 - SHN90 - 3232	o 407,20
<b>Blanks</b> 		<b>Multiple tool holders</b> 	
<b>2D80</b>		<b>2D80</b>	
HSK - T100 - HF100 - 250	o 254,30	HSK - T63 - SH3L00 - 2525	o 515,00
HSK - T100 - HF110 - 100	o 181,50	HSK - T100 - SH3L00 - 2525	o 730,00
HSK - T100 - HF120 - 160	o 237,40		
HSK - T63 - HF100 - 150	o 194,10		
HSK - T63 - HF72 - 210	o 169,90		
HSK - T63 - HF90 - 90	o 135,00		
<b>Boring bar holders</b> 		<b>HSK / UTS adapters</b> 	
<b>2D80</b>		<b>2D81</b>	
HSK - T63 - BH08 - 80	o 219,40	HSK - T63 - UT40 - 80	o 490,60
HSK - T63 - BH10 - 80	o 219,40	HSK - T63 - UT50 - 95	o 495,90
HSK - T63 - BH12 - 80	o 219,40	HSK - T63 - UT63 - 105	o 511,70
HSK - T63 - BH16 - 80	o 219,40	HSK - T100 - UT40 - 80	o 515,90
HSK - T63 - BH20 - 80	o 219,40	HSK - T100 - UT50 - 100	o 522,20
HSK - T63 - BH25 - 90	o 219,40	HSK - T100 - UT63 - 115	o 525,40
HSK - T63 - BH32 - 95	o 219,40		
HSK - T100 - BH20 - 90	o 279,60		
HSK - T100 - BH25 - 95	o 279,60		
HSK - T100 - BH32 - 110	o 279,60		



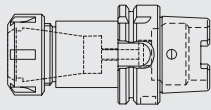
Designation	€ each	Designation	€ each
<b>Milling adapters</b> 		<b>Milling adapters</b> 	
<b>2E45</b>		<b>2E45</b>	
HSK63A-WE06-160-V	● 291,10	HSK100A-WN08-160-V	● 357,00
HSK63A-WE06-65-V	● 223,10	HSK100A-WN08-90-V	● 279,50
HSK63A-WE08-160-V	● 291,10	HSK100A-WN10-160-V	● 357,00
HSK63A-WE08-65-V	● 215,40	HSK100A-WN10-90-V	● 279,50
HSK63A-WE10-160-V	● 291,10	HSK100A-WN12-100-V	● 279,50
HSK63A-WE10-65-V	● 215,40	HSK100A-WN12-160-V	● 357,00
HSK63A-WE12-160-V	● 291,10	HSK100A-WN14-100-V	● 279,50
HSK63A-WE12-80-V	● 215,40	HSK100A-WN14-160-V	● 357,00
HSK63A-WE14-160-V	● 291,10	HSK100A-WN16-100-V	● 279,50
HSK63A-WE14-80-V	● 215,40	HSK100A-WN16-160-V	● 357,00
HSK63A-WE16-160-V	● 291,10	HSK100A-WN18-100-V	● 279,50
HSK63A-WE16-80-V	● 215,40	HSK100A-WN18-160-V	● 357,00
HSK63A-WE18-160-V	● 291,10	HSK100A-WN20-110-V	● 279,50
HSK63A-WE18-80-V	● 215,40	HSK100A-WN20-160-V	● 357,00
HSK63A-WE20-160-V	● 295,00	HSK100A-WN25-120-V	● 298,90
HSK63A-WE20-80-V	● 215,40	HSK100A-WN25-160-V	● 335,70
HSK63A-WE25-110-V	● 234,80	HSK100A-WN32-120-V	● 308,60
HSK63A-WE25-160-V	● 295,00	HSK100A-WN32-160-V	● 335,70
HSK63A-WE32-110-V	● 250,40		
HSK63A-WE32-160-V	● 295,00		
HSK63A-WN06-160-V	● 291,10		
HSK63A-WN06-80-V	● 234,80		
HSK63A-WN08-160-V	● 291,10		
HSK63A-WN08-80-V	● 223,10		
HSK63A-WN10-160-V	● 291,10		
HSK63A-WN10-80-V	● 223,10		
HSK63A-WN12-160-V	● 291,10		
HSK63A-WN12-90-V	● 223,10		
HSK63A-WN14-160-V	● 291,10		
HSK63A-WN14-90-V	● 223,10		
HSK63A-WN16-100-V	● 223,10		
HSK63A-WN16-160-V	● 291,10		
HSK63A-WN18-100-V	● 223,10		
HSK63A-WN18-160-V	● 291,10		
HSK63A-WN20-100-V	● 223,10		
HSK63A-WN20-160-V	● 295,00		
HSK63A-WN25-110-V	● 242,70		
HSK63A-WN25-160-V	● 295,00		
HSK63A-WN32-110-V	● 260,00		
HSK63A-WN32-160-V	● 295,00		
HSK100A-WE06-160-V	● 364,80		
HSK100A-WE06-80-V	● 279,50		
HSK100A-WE08-160-V	● 357,00		
HSK100A-WE08-80-V	● 271,80		
HSK100A-WE10-160-V	● 357,00		
HSK100A-WE10-80-V	● 271,80		
HSK100A-WE12-160-V	● 357,00		
HSK100A-WE12-80-V	● 271,80		
HSK100A-WE14-160-V	● 357,00		
HSK100A-WE14-80-V	● 271,80		
HSK100A-WE16-100-V	● 271,80		
HSK100A-WE16-160-V	● 357,00		
HSK100A-WE18-100-V	● 271,80		
HSK100A-WE18-160-V	● 357,00		
HSK100A-WE20-100-V	● 271,80		
HSK100A-WE20-160-V	● 357,00		
HSK100A-WE25-100-V	● 291,10		
HSK100A-WE25-160-V	● 335,70		
HSK100A-WE32-100-V	● 298,90		
HSK100A-WE32-160-V	● 335,70		
HSK100A-WN06-160-V	● 364,80		
HSK100A-WN06-90-V	● 287,30		
		<b>For cutters with threaded end</b> 	
		<b>2E45</b>	
		HSK-A63-M10-100	○ 192,00
		HSK-A63-M10-50	○ 166,70
		HSK-A63-M10-75	○ 179,40
		HSK-A63-M12-100	○ 192,00
		HSK-A63-M12-50	○ 166,70
		HSK-A63-M12-75	○ 179,40
		HSK-A63-M16-100	○ 192,00
		HSK-A63-M16-50	○ 166,70
		HSK-A63-M16-75	○ 179,40
		HSK-A63-M8-100	○ 192,00
		HSK-A63-M8-50	○ 166,70
		HSK-A63-M8-75	○ 179,40
		<b>Blanks</b> 	
		<b>2E45</b>	
		HSK63A-HF63-200	● 201,90
		HSK100A-HF100-250	● 283,40
		<b>Collet chucks</b> 	
		<b>2E45</b>	
		HSK63A-ER16-100-V	● 219,30
		HSK63A-ER16-160-V	● 316,40
		HSK63A-ER20-103-V	● 219,30
		HSK63A-ER25-103-V	● 219,30
		HSK63A-ER25-160-V	● 308,60
		HSK63A-ER32-103-V	● 227,10
		HSK63A-ER40-120-V	● 238,60
		HSK100A-ER16-100-V	● 322,50
		HSK100A-ER16-160-V	● 336,50
		HSK100A-ER20-103-V	● 322,50
		HSK100A-ER25-103-V	● 263,90
		HSK100A-ER25-160-V	● 343,50

## Spindle nose tooling

Spindle nose tooling - HSK

Designation	€ each	Designation	€ each
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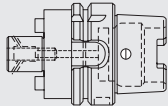
### Collet chucks



2E45

HSK100A-ER32-103-V	●	283,40
HSK100A-ER40-120-V	●	304,70

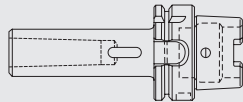
### Shell mill adapters



2E45

HSK63A-QA16-50-V	●	184,70
HSK63A-QA22-50-V	●	188,50
HSK63A-QA27-60-V	●	197,90
HSK63A-QA32-60-V	●	205,70
HSK63A-QA40-HSC	●	994,90
HSK63A-QA40-60-V	●	238,60
HSK100A-QA16-50-V	●	250,40
HSK100A-QA22-50-V	●	256,20
HSK100A-QA27-50-V	●	260,00
HSK100A-QA32-50-V	●	267,90
HSK100A-QA40-60-V	●	275,60
HSK100A-QA60-70-V	●	284,40

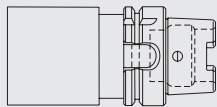
### Morse taper adapters



2E45

HSK63A-MK1D-100	●	209,60
HSK63A-MK2D-120	●	219,30
HSK63A-MK3D-140	●	227,10
HSK63A-MK4D-160	●	248,50
HSK100A-MK1D-110	●	249,50
HSK100A-MK2D-120	●	260,00
HSK100A-MK3D-150	●	267,90
HSK100A-MK4D-170	●	291,10
HSK100A-MK5D-200	●	382,20

### Accessories

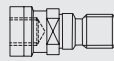


2E45

HSK100A-KD40-349	●	1338,00
HSK63A-KD40-346	●	1094,00
KMS.HSK100	●	15,63
KMS.HSK63	●	9,56
KW.HSK100	●	74,62
KW.HSK63	●	49,06
7896904/SD 8X6	●	13,80
7896918/SD 10X7	●	17,50
7896944/SD 12X8	●	17,50

Designation	€ each		Designation	€ each	
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## Pull studs



2E45

ISO/DIS7388-40.M16	●	10,70
ISO/DIS7388-50.M24	●	16,80
MAS-BT-30-A15	●	12,70
MAS-BT-30-A23	●	17,50
MAS-BT-30-B15	●	10,70
MAS-BT-30-B23	●	15,90
MAS-BT-45-A15	●	12,70
MAS-BT-45-A23	●	17,50
MAS-BT-45-B15	●	10,70
MAS-BT-45-B23	●	15,90
MAS-BT-90-A15	●	12,70
MAS-BT-90-A23	●	17,50
MAS-BT-90-B15	●	10,70
MAS-BT-90-B23	●	15,90
69872-A19	●	10,70
69872-A28	●	15,90
69872-B19	●	10,70
69872-B28	●	15,90

## Reduction sleeves



2E45

DIN2185.MK1-MK0-80	●	20,50
DIN2185.MK2-MK1-92	●	22,00
DIN2185.MK3-MK1-99	●	23,60
DIN2185.MK3-MK2-112	●	25,20
DIN2185.MK4-MK1-124	●	31,30
DIN2185.MK4-MK2-124	●	31,30
DIN2185.MK4-MK3-140	●	45,70
DIN2185.MK5-MK2-156	●	59,70
DIN2185.MK5-MK3-156	●	62,90
DIN2185.MK5-MK4-171	●	65,80

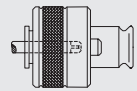
## Reducers for hydr. exp. chucks



2D81

HD20-R06	○	168,60
HD20-R08	○	168,60
HD20-R10	○	168,60
HD20-R12	○	168,60
HD20-R14	○	168,60
HD20-R16	○	168,60
HD32-R06	○	357,30
HD32-R08	○	357,30
HD32-R10	○	357,30
HD32-R12	○	357,30
HD32-R14	○	357,30
HD32-R16	○	357,30
HD32-R18	○	357,30
HD32-R20	○	357,30
HD32-R25	○	357,30

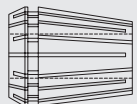
## Quick change tap adapters



2D81

SWE1-01	○	113,80
SWE1-02	○	113,80
SWE1-03	○	113,80
SWE1-05	○	113,80
SWE1-06	○	113,80
SWE1-09	○	113,80
SWE1-10	○	76,00
SWE1-13	○	113,80
SWE1-14	○	76,00
SWE1-17	○	113,80
SWE1-18	○	113,80
SWE2-02	○	116,40
SWE2-05	○	116,40
SWE2-08	○	116,40
SWE2-11	○	116,40
SWE2-13	○	116,40
SWE2-15	○	116,40
SWE2-17	○	116,40
SWE2-18	○	116,40
SWE3-01	○	294,70
SWE3-03	○	294,70
SWE3-05	○	294,70
SWE3-07	○	294,70
SWE3-09	○	294,70
SWE3-11	○	294,70
SWE3-13	○	244,20
SWE3-14	○	244,20
SWE3-16	○	244,20
SWE3-17	○	294,70

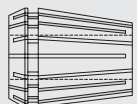
## Collets 426E



2E45

426E-SET	●	194,10
426E-010	●	21,40
426E-020	●	21,40
426E-030	●	17,40
426E-040	●	17,40
426E-050	●	17,40
426E-060	●	17,40
426E-070	●	17,40
426E-080	●	17,40
426E-090	●	17,40
426E-100	●	17,40

## Collets 428E

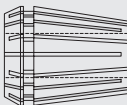


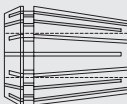
2E45

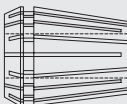
428E-SET	●	213,40
428E-010	●	22,20
428E-020	●	22,20
428E-030	●	15,00
428E-040	●	15,00
428E-050	●	15,00
428E-060	●	15,00
428E-070	●	15,00
428E-080	●	15,00
428E-090	●	15,00

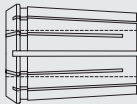
## Spindle nose tooling

### Spindle nose tooling - accessories

Designation		€ each		Designation		€ each	
<b>Collets 428E</b>							
<b>2E45</b>							
428E - 100		●	15,00	472E - SET		●	518,10
428E - 110		●	15,00	472E - 030		●	21,60
428E - 120		●	15,00	472E - 040		●	21,60
428E - 130		●	15,00	472E - 050		●	21,60
				472E - 060		●	21,60
				472E - 070		●	21,60
				472E - 080		●	21,60
				472E - 090		●	21,60
				472E - 100		●	21,60
				472E - 110		●	21,60
				472E - 120		●	21,60
				472E - 130		●	21,60
				472E - 140		●	21,60
				472E - 150		●	21,60
				472E - 160		●	21,60
				472E - 170		●	21,60
				472E - 180		●	21,60
				472E - 190		●	21,60
				472E - 200		●	21,60
				472E - 210		●	21,60
				472E - 220		●	21,60
				472E - 230		●	21,60
				472E - 240		●	21,60
				472E - 250		●	21,60
				472E - 260		●	21,60

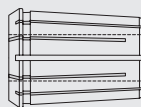
<b>Collets 430E</b>							
<b>2E45</b>							
430E - SET		●	250,40				
430E - 020		●	22,90				
430E - 030		●	15,80				
430E - 040		●	15,80				
430E - 050		●	15,80				
430E - 060		●	15,80				
430E - 070		●	15,80				
430E - 080		●	15,80				
430E - 090		●	15,80				
430E - 100		●	15,80				
430E - 110		●	15,80				
430E - 120		●	15,80				
430E - 130		●	15,80				
430E - 140		●	15,80				
430E - 150		●	15,80				
430E - 160		●	15,80				

<b>Collets 470E</b>							
<b>2E45</b>							
470E - SET		●	306,60				
470E - 030		●	17,10				
470E - 040		●	17,10				
470E - 050		●	17,10				
470E - 060		●	17,10				
470E - 070		●	17,10				
470E - 080		●	17,10				
470E - 090		●	17,10				
470E - 100		●	17,10				
470E - 110		●	17,10				
470E - 120		●	17,10				
470E - 130		●	17,10				
470E - 140		●	17,10				
470E - 150		●	17,10				
470E - 160		●	17,10				
470E - 170		●	17,10				
470E - 180		●	17,10				
470E - 190		●	17,10				
470E - 200		●	17,10				

<b>Collets 415E</b>							
<b>2E45</b>							
415E - 020		●	32,60				
415E - 025		●	32,60				
415E - 030		●	26,80				
415E - 035		●	26,80				
415E - 040		●	26,80				
415E - 045		●	26,80				
415E - 050		●	26,80				
415E - 055		●	26,80				
415E - 060		●	26,80				
415E - 065		●	26,80				
415E - 070		●	26,80				
415E - 075		●	26,80				
415E - 080		●	26,80				
415E - 085		●	26,80				
415E - 090		●	26,80				
415E - 095		●	26,80				
415E - 100		●	26,80				
415E - 105		●	26,80				
415E - 110		●	26,80				
415E - 115		●	26,80				
415E - 120		●	26,80				
415E - 125		●	26,80				
415E - 130		●	26,80				
415E - 135		●	26,80				
415E - 140		●	26,80				
415E - 145		●	26,80				
415E - 150		●	26,80				
415E - 155		●	26,80				
415E - 160		●	26,80				

Designation	€ each	Designation	€ each
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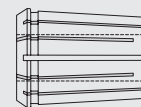
## Collets 462E



2E45

462E-020	●	37,10
462E-025	●	37,10
462E-030	●	31,80
462E-035	●	31,80
462E-040	●	31,80
462E-045	●	31,80
462E-050	●	31,80
462E-055	●	31,80
462E-060	●	31,80
462E-065	●	31,80
462E-070	●	31,80
462E-075	●	31,80
462E-080	●	31,80
462E-085	●	31,80
462E-090	●	31,80
462E-095	●	31,80
462E-100	●	31,80
462E-105	●	31,80
462E-110	●	31,80
462E-115	●	31,80
462E-120	●	31,80
462E-125	●	31,80
462E-130	●	31,80
462E-135	●	31,80
462E-140	●	31,80
462E-145	●	31,80
462E-150	●	31,80
462E-155	●	31,80
462E-160	●	31,80
462E-165	●	31,80
462E-170	●	31,80
462E-175	●	31,80
462E-180	●	31,80
462E-185	●	31,80
462E-190	●	31,80
462E-195	●	31,80
462E-200	●	31,80
462E-205	●	31,80
462E-210	●	31,80
462E-215	●	31,80
462E-220	●	31,80
462E-225	●	31,80
462E-230	●	31,80
462E-235	●	31,80
462E-240	●	31,80
462E-245	●	31,80
462E-250	●	31,80

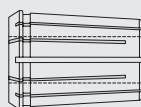
## Collets 467E



2E45

467E-085	●	50,00
467E-090	●	50,00
467E-095	●	50,00
467E-100	●	50,00
467E-105	●	50,00
467E-110	●	50,00
467E-115	●	50,00
467E-120	●	50,00
467E-125	●	50,00
467E-130	●	50,00
467E-135	●	50,00
467E-140	●	50,00
467E-145	●	50,00
467E-150	●	50,00
467E-155	●	50,00
467E-160	●	50,00
467E-165	●	50,00
467E-170	●	50,00
467E-175	●	50,00
467E-180	●	50,00
467E-185	●	50,00
467E-190	●	50,00
467E-195	●	50,00
467E-200	●	50,00
467E-205	●	50,00
467E-210	●	50,00
467E-215	●	50,00
467E-220	●	50,00
467E-225	●	50,00
467E-230	●	50,00
467E-235	●	50,00
467E-240	●	50,00
467E-245	●	50,00
467E-250	●	50,00
467E-255	●	50,00
467E-260	●	50,00
467E-265	●	50,00
467E-270	●	50,00
467E-275	●	50,00
467E-280	●	50,00
467E-285	●	50,00
467E-290	●	50,00
467E-295	●	50,00
467E-300	●	50,00
467E-305	●	50,00
467E-310	●	50,00
467E-315	●	50,00
467E-320	●	50,00

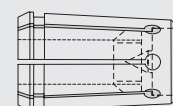
## Collets 467E



2E45

467E-040	●	50,00
467E-045	●	50,00
467E-050	●	50,00
467E-055	●	50,00
467E-060	●	50,00
467E-065	●	50,00
467E-070	●	50,00
467E-075	●	50,00
467E-080	●	50,00

## Collets 459E



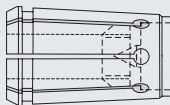
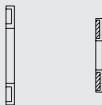
2E45



459E-060	●	67,40
459E-100	●	67,40
459E-120	●	67,40



## Spindle nose tooling

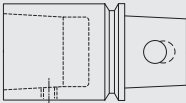
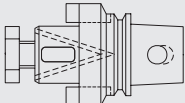
### Spindle nose tooling - accessories

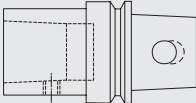
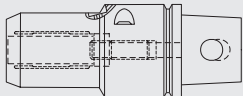
Designation		€ each		Designation		€ each	
<div>Collets 460E</div>				<div>Sealing disks</div>			
2E45				2E45			
460E - 120		●	93,70	DS - 470E - 060		●	15,20
460E - 200		●	93,70	DS - 470E - 065		●	15,20
				DS - 470E - 070		●	15,20
				DS - 470E - 075		●	15,20
				DS - 470E - 080		●	15,20
				DS - 470E - 085		●	15,20
				DS - 470E - 090		●	15,20
				DS - 470E - 095		●	15,20
				DS - 470E - 100		●	15,20
				DS - 470E - 105		●	15,20
				DS - 470E - 110		●	15,20
				DS - 470E - 115		●	15,20
				DS - 470E - 120		●	15,20
				DS - 470E - 125		●	15,20
				DS - 470E - 130		●	15,20
				DS - 470E - 135		●	15,20
				DS - 470E - 140		●	15,20
				DS - 470E - 145		●	15,20
				DS - 470E - 150		●	15,20
				DS - 470E - 155		●	15,20
				DS - 470E - 160		●	15,20
				DS - 470E - 165		●	15,20
				DS - 470E - 170		●	15,20
				DS - 470E - 175		●	15,20
				DS - 470E - 180		●	15,20
				DS - 470E - 185		●	15,20
				DS - 470E - 190		●	15,20
				DS - 470E - 195		●	15,20
				DS - 470E - 200		●	15,20
				DS - 472E - 030		●	19,50
				DS - 472E - 035		●	19,50
				DS - 472E - 040		●	19,50
				DS - 472E - 045		●	19,50
				DS - 472E - 050		●	19,50
				DS - 472E - 055		●	19,50
				DS - 472E - 060		●	19,50
				DS - 472E - 065		●	19,50
				DS - 472E - 070		●	19,50
				DS - 472E - 075		●	19,50
				DS - 472E - 080		●	19,50
				DS - 472E - 085		●	19,50
				DS - 472E - 090		●	19,50
				DS - 472E - 095		●	19,50
				DS - 472E - 100		●	19,50
				DS - 472E - 105		●	19,50
				DS - 472E - 110		●	19,50
				DS - 472E - 115		●	19,50
				DS - 472E - 120		●	19,50
				DS - 472E - 125		●	19,50
				DS - 472E - 130		●	19,50
				DS - 472E - 135		●	19,50
				DS - 472E - 140		●	19,50
				DS - 472E - 145		●	19,50
				DS - 472E - 150		●	19,50
				DS - 472E - 155		●	19,50
				DS - 472E - 160		●	19,50
				DS - 472E - 165		●	19,50
				DS - 472E - 170		●	19,50
				DS - 472E - 175		●	19,50
				DS - 472E - 180		●	19,50
				DS - 472E - 185		●	19,50
				DS - 472E - 190		●	19,50

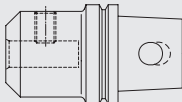
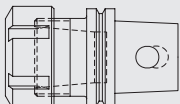
Designation	€ each	Designation	€ each
<b>Sealing disks</b>  			
<b>2E45</b>			
DS - 472E - 195	●	19,50	
DS - 472E - 200	●	19,50	
DS - 472E - 205	●	19,50	
DS - 472E - 210	●	19,50	
DS - 472E - 215	●	19,50	
DS - 472E - 220	●	19,50	
DS - 472E - 225	●	19,50	
DS - 472E - 230	●	19,50	
DS - 472E - 235	●	19,50	
DS - 472E - 240	●	19,50	
DS - 472E - 245	●	19,50	
DS - 472E - 250	●	19,50	
DS - 472E - 255	●	19,50	
DS - 472E - 260	●	19,50	

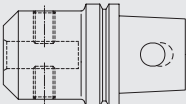
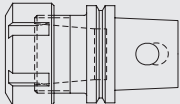
## Spindle nose tooling

Spindle nose tooling - MaxiFlex UTS

Designation		€ each	Designation		€ each
<div>Extensions<div></div></div>			<div>Milling adapters<div></div></div>		
2D81			2D80		
UT40-AD-VLG 60	o	343,90	UT40-QA16-25IK	o	239,60
UT40-AD-VLG 80	o	343,90	UT40-QA22-25IK	o	239,60
UT50-AD-VLG 140	–	413,00	UT63-QA16-110-MIY	o	371,90
UT63-AD-VLG 100	o	490,40	UT63-QA16-28-MIY	o	343,10
UT63-AD-VLG 140	o	490,40	UT63-QA22-110-MIY	o	373,20
UT63-V63-120-MIY	o	487,40	UT63-QA27-36-MIY	o	343,10
UT63-V63-80-MIY	o	487,40			

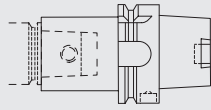
<div>Reducers<div></div></div>			<div>Hydraulic expansion chucks<div></div></div>		
2D81			2D81		
UT63-AD-R 32	o	456,20	UT40-HD08-65	o	587,30
UT63-AD-R 50	–	522,40	UT40-HD10-70	o	587,30
UT63-R40-60-ZRN-MIY	–	1026,00	UT50-HD06-65	o	745,30
UT63-R50-100-ZRN-MIY	o	487,40	UT50-HD08-65	o	745,30
			UT50-HD10-70	o	745,30
			UT50-HD12-75	o	745,30
			UT50-HD14-75	o	745,30
			UT50-HD16-80	o	745,30
			UT50-HD18-80	o	745,30
			UT50-HD20-85	o	745,30
			UT63-HD06-70	o	749,20
			UT63-HD08-70	o	749,20
			UT63-HD10-75	o	749,20
			UT63-HD14-80	o	749,20
			UT63-HD16-80	o	749,20
			UT63-HD18-80	o	749,20

<div>DIN 1835-B Weldon<div></div></div>			<div>Collet chucks<div></div></div>		
2D80			2D81		
UT40-AD-ZYL 10	–	260,00	UT40-ER16D-41	o	335,80
UT40-AD-ZYL 12	o	260,00	UT40-ER16-38	o	315,30
UT40-AD-ZYL 16	o	260,00	UT40-ER25D-48	o	347,80
UT40-AD-ZYL 20	o	260,00	UT40-ER25-45	o	345,20
UT40-AD-ZYL 25	o	260,00	UT40-ER32D-54	–	352,70
UT50-AD-ZYL 20	o	294,90	UT40-ER32-51	–	387,80
UT63-AD-ZYL 32	–	347,80	UT50-ER25D-48	o	394,70
UT63-AD-ZYL 40	–	347,80	UT50-ER32D-54	o	398,40
UT63-WE06-80-MIY	●	371,90	UT50-ER32-51	o	391,60
UT63-WE08-80-MIY	●	371,90	UT50-ER40D-60	o	406,80
UT63-WE10-80-MIY	●	371,90	UT63-ER16-120-MIY	–	529,60
UT63-WE12-80-MIY	●	371,90	UT63-ER16-90-MIY	●	486,20
UT63-WE14-80-MIY	o	371,90	UT63-ER25D-50	o	458,50
UT63-WE16-80-MIY	●	371,90	UT63-ER25-120-MIY	o	529,60
UT63-WE18-80-MIY	o	371,90	UT63-ER25-90-MIY	●	486,20
UT63-WE20-80-MIY	●	371,90	UT63-ER32D-54	o	462,10
UT63-WE25-80-MIY	●	371,90	UT63-ER32-90-MIY	o	486,20
UT63-WE32-85-MIY	●	371,90	UT63-ER40D-60	o	470,60
UT63-WE40-95-MIY	o	371,90	UT63-ER40-80-MIY	–	509,10

<div>DIN 1835-B+E<div></div></div>			<div>PS collet chucks<div></div></div>		
2D81			2D80		
UT63-WEWN06-80-MIY	●	373,20	UT63-PS-ER25-95-MIY	–	598,20
UT63-WEWN08-80-MIY	●	373,20			
UT63-WEWN10-80-MIY	●	373,20			
UT63-WEWN12-80-MIY	●	373,20			
UT63-WEWN14-80-MIY	●	373,20			
UT63-WEWN16-80-MIY	●	373,20			
UT63-WEWN18-80-MIY	●	373,20			
UT63-WEWN20-80-MIY	●	373,20			
UT63-WEWN25-80-MIY	●	373,20			
UT63-WEWN32-80-MIY	●	373,20			
UT63-WEWN40-95-MIY	●	373,20			

Designation	€ each	Designation	€ each
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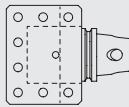
## HSK adapters



2D81

HSK100A-UT40-80	o	469,40
HSK100A-UT50-100	o	614,30
HSK100A-UT63-115	o	728,40
HSK63A-UT40-80	o	519,60
HSK63A-UT50-90	o	522,40
HSK63A-UT63-105	o	574,60

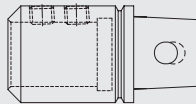
## Shank holders



2D81

UT63-SH4-2020-MIY	o	2003,00
UT63-3225-KN	•	637,90

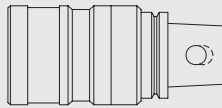
## Boring bar holders



2D81

UT63-BH40-75-MIY	o	502,00
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## Tap chucks

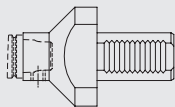


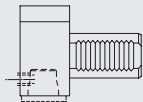
2D81

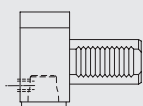
UT50-GEL2-95	-	855,30
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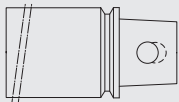
# Spindle nose tooling

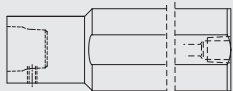
MaxiFlex UTS tool holders

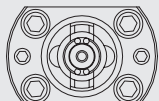
Designation		€ each		Designation		€ each	
<b>Tool holders DIN 69880 AR</b>							
<b>2D81</b>							
UT40 - VDI3050 - ARR		o	1045,00				
UT40 - VDI40120 - ARR		o	1021,00				
UT40 - VDI4060 - ARR		o	1133,00				

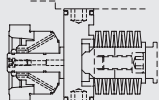
<b>Tool holders DIN 69880 WS</b>							
<b>2D81</b>							
UT40 - VDI4040 - WSR		—	1120,00				

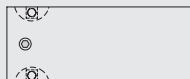
<b>Tool holders DIN 69880 WR</b>							
<b>2D81</b>							
UT40 - VDI3030 - WRL		o	1202,00				
UT40 - VDI4040 - WRL		—	1274,00				
UT40 - VDI4040 - WRR		—	1274,00				

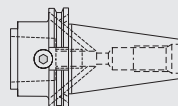
<b>Gauge bars</b>							
<b>2D81</b>							
UT63 - AD - AD		o	1098,00				

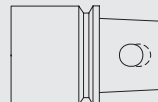
<b>Round shanks</b>							
<b>2D81</b>							
UT40 - ZYL4070 - ZSN		—	1121,00				
UT50 - ZYL5080 - ZSN		—	514,00				
UT63 - ZYL60160 - ZSN		o	973,80				
UT63 - ZYL6090 - ZSN		o	1044,00				

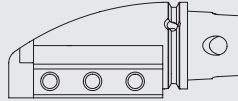
<b>Mounting units</b>							
<b>2D81</b>							
UT40 - EA4010 - SRN		o	792,60				
UT40 - EA4025 - SRN		o	757,00				
UT40 - EA4055 - SSN		o	938,70				
UT63 - EA6340 - SRN		o	1125,00				

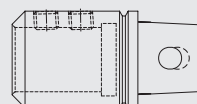
<b>Assembly sets</b>							
<b>2D81</b>							
UT40 - ES1473 - OSN		o	689,70				
UT40 - ES1473 - SSN		o	692,20				

<b>Square shanks</b>							
<b>98</b>							
UT40 - VS50110 - ESL		—	1348,00				
UT40 - VS64130 - ESL		o	1006,00				
UT50 - VS64120 - ESL		o	1069,00				

<b>Taper shank adapters</b>							
<b>2D81</b>							
UT32 - BT40 - MAS 403		o	308,20				
UT32 - BT40 - MAS 403 - 90		o	352,70				
UT32 - BT50 - MAS 403		o	410,40				
UT32 - BT50 - MAS 403 - 90		o	481,70				
UT50 - BT40 - MAS 403 - 120		o	464,00				
UT50 - SK50 - DIN2080		●	876,00				
UT63 - BT50 - MAS 403		—	505,80				

<b>Blanks</b>							
<b>2D80</b>							
UT40 - HF49 - 112		—	121,50				
UT40 - HF49 - 120		●	121,50				
UT40 - HF49 - 60		●	121,50				
UT40 - HF72 - 130		●	136,00				
UT40 - HF72 - 49		●	136,00				
UT40 - HF88 - 150		●	140,80				
UT40 - HF88 - 80		●	121,50				
UT50 - HF105 - 100		●	140,80				
UT50 - HF55 - 112		—	140,80				
UT50 - HF55 - 200		●	140,80				
UT50 - HF83 - 58		—	140,80				
UT63 - HF105 - 68		—	152,90				
UT63 - HF115 - 150		●	152,90				
UT63 - HF125 - 120		—	152,90				
UT63 - HF63 - 112		●	152,90				
UT63 - HF74 - 250		●	152,90				
UT63 - HF88 - 141 - MIY		●	322,50				
UT63 - HF88 - 75		—	152,90				

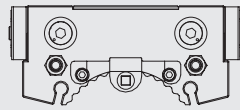
<b>Shank holders</b>							
<b>2D80</b>							
UT63 - SHL2525 - MIY		●	824,50				
UT63 - SHR2525 - MIY		●	824,50				
UT63 - SH4 - 2020 - MIY		o	2003,00				
UT63 - 3225 - KN		●	637,90				

<b>Boring bar holders</b>							
<b>2D81</b>							
UT63 - BH40 - 75 - MIY		o	502,00				



Designation	€ each	Designation	€ each
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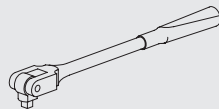
### Multifix tool holders



2D81

UT50 - MD1 - OSN	-	2449,00
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### Accessories






2D81


UT40 - AD - VK	●	85,20
UT50 - AD - VK	○	42,00
UT63 - AD - VK	○	49,20
7896707/DMS 8-60Nm 3/8"	○	479,60
7896709/SE3/8-SW6	○	18,30
7896710/SE3/8-SW10	○	21,10
7896711/SE3/8-SW12	○	28,20
7896900/O-RING 40	●	2,45
7896936/PK-UT40	○	97,00
7896940/O-RING 50	●	2,45
7896941/O-RING 63	●	2,45
7896947/ORING-PK-UT40	○	4,99
7896951/ORING-SK-UT40	○	4,99
7896952/KS-UT40	○	3,90
7896953/SK-UT40	○	110,60
7896954/ORING-DS-UT40	○	5,11
7896962/SE1/2-SW8	○	15,50
7896963/SE1/2-SW10	○	18,00
7896980/SN1/2-SW13	○	8,14
7896981/SN1/2-SW17	○	9,56
7898602/ORING-PK-UT50	○	4,99
7898609/PK-UT50	○	183,00
7898611/ORING-DS-UT50	○	4,99
7898613/ORING-SK-UT50	○	4,99
7898614/KS-UT50	○	3,90
7898615/SK-UT50	○	214,30
7899752/ORING-PK-UT63	○	5,64
7899759/PK-UT63	○	241,90
7899761/ORING-DS-UT63	○	4,99
7899763/ORING-SK-UT63	○	5,64
7899764/KS-UT63	○	3,90
7899765/SK-UT63	○	288,20

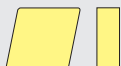
# Ultra-hard cutting materials


CBN inserts


Designation	Grade	PG	€ each	Designation	Grade	PG	€ each		
<b>CCMX</b> 				<b>DNMX</b> 					
CCMX 09T304SN	TA201	1G21	●	77,00	DNMX 150608SN	TA201	1G21	●	78,90
CCMX 09T308SN	TA201	1G21	●	77,00					


<b>CNGX</b> 				
CNGX 120412SN-020D-C	CTL3115	1G21	●	324,10
CNGX 120416SN-020D-C	CTL3115	1G21	●	324,10


<b>CNMA</b> 				
CNMA 120412FN	TA100	1G21	○	284,10
CNMA 120412TN-020D	TA100	1G21	○	284,10
CNMA 120416FN	TA100	1G21	○	284,10
CNMA 120416TN-020D	TA100	1G21	○	284,10


<b>CNMN</b> 				
CNMN 090308FN	TA100	1G21	○	199,80
CNMN 090308TN-020D	TA100	1G21	○	184,10
CNMN 090308TN-020D	TA120	1G21	○	199,80
CNMN 090312TN-020D	TA100	1G21	○	184,10
CNMN 090312TN-020D	TA120	1G21	●	199,80
CNMN 090316TN-020D	TA120	1G21	○	199,80
CNMN 120412FN	TA100	1G21	○	278,00
CNMN 120412TN-020D	TA100	1G21	○	278,00
CNMN 120416FN	TA100	1G21	○	278,00
CNMN 120416TN-020D	TA100	1G21	○	278,00


<b>CNMX</b> 				
CNMX 120404SN	TA201	1G21	●	77,00
CNMX 120408EN	TA201	1G21	●	77,00
CNMX 120408SN	TA201	1G21	●	77,00
CNMX 120412SN	TA201	1G21	●	77,00

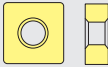
<b>DCMX</b> 				
DCMX 11T304SN	TA201	1G21	●	77,00
DCMX 11T308SN	TA201	1G21	●	77,00


<b>DNGX</b> 				
DNGX 150416SN-020D-C	CTL3115	1G21	●	307,20

<b>LNHX</b> 				
LNHX 1106PNSR	CTL3215	1G21	●	154,98
LNHX 1106ZZER-Q	CTL3215	1G21	●	154,98

<b>RNMN</b> 				
RNMN 090300FN	TA100	1G21	●	126,40
RNMN 090300FN	TA120	1G21	●	137,30
RNMN 090300TN-020D	TA100	1G21	●	126,40
RNMN 090300TN-020D	TA120	1G21	●	137,30
RNMN 120300TN-020D	TA100	1G21	●	184,10
RNMN 120300TN-020D	TA120	1G21	●	199,80
RNMN 120300TN-035D	TA120	1G21	●	199,80
RNMN 120400FN	TA100	1G21	○	205,80
RNMN 120400TN-020D	TA100	1G21	○	205,80
RNMN 250400TN-050D	TA100	1G21	○	653,60
RNMN 250600TN-050D	TA100	1G21	○	961,70

<b>SNGX</b> 				
SNGX 120412SN-020D-C	CTL3115	1G21	●	324,10
SNGX 120416SN-020D-C	CTL3115	1G21	—	324,10

<b>SNMA</b> 				
SNMA 120412FN	TA100	1G21	○	284,10
SNMA 120412TN-020D	TA100	1G21	○	284,10

<b>SNMN</b> 				
SNMN 090308FN	TA100	1G21	○	184,10
SNMN 090308TN-020D	TA100	1G21	○	184,10
SNMN 090308TN-020D	TA120	1G21	○	199,80
SNMN 090312FN	TA100	1G21	○	184,10
SNMN 090312TN-020D	TA100	1G21	●	184,10
SNMN 090316FN	TA100	1G21	○	184,10
SNMN 090316TN-020D	TA100	1G21	●	184,10
SNMN 090316TN-020D	TA120	1G21	●	199,80
SNMN 120312FN	TA100	1G21	○	247,90
SNMN 120312TN-020D	TA100	1G21	○	247,90
SNMN 120312TN-020D	TA120	1G21	○	269,60
SNMN 120316FN	TA100	1G21	○	247,90
SNMN 120316FN	TA120	1G21	○	269,60
SNMN 120316TN-020D	TA100	1G21	●	247,90

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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## SNMN



SNMN 120316TN-020D	TA120	1G21	●	269,60
SNMN 120412FN	TA100	1G21	○	278,00
SNMN 120412TN-020D	TA100	1G21	○	278,00
SNMN 120416FN	TA100	1G21	○	278,00
SNMN 120416TN-020D	TA100	1G21	○	278,00

## TNMN



TNMN 110304FN	TA100	1G21	○	119,60
TNMN 110304TN-020D	TA100	1G21	●	119,60
TNMN 110304TN-020D	TA120	1G21	–	130,10
TNMN 110308FN	TA100	1G21	●	119,60
TNMN 110308FN	TA120	1G21	○	130,10
TNMN 110308TN-020D	TA100	1G21	○	119,60
TNMN 110308TN-020D	TA120	1G21	●	130,10
TNMN 110312TN-020D	TA120	1G21	●	130,10

## TNMX



TNMX 160408SN	TA201	1G21	●	101,20
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## WNGX



WNGX 080416SN-020D-C	CTL3115	1G21	●	405,00
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## ZNHW



ZNHW 04T305ER-1204	CTL3215	1G21	●	126,27
ZNHW 1205E0ER-1002	CTL3215	1G21	●	126,27
ZNHW 1205E0SR-1002	CTL3215	1G21	–	126,27

# Ultra-hard cutting materials

PCD inserts

Designation	Grade	PG	€ each		Designation	Grade	PG	€ each					
<b>TPUN</b> 					<b>ZNHW</b> 								
TPUN 160304FN	CTD4110	1G22	○	67,10	ZNHW 04T3POER-1204	CTD4205	1G22	●	99,14				
TPUN 160308FN	CTD4125	1G22	○	67,10	ZNHW 1205POER-1511	CTD4205	1G22	●	157,94				
<b>VCGW</b> 					ZNHW 1205POSR-1503					CTD4205	1G22	●	99,14
VCGW 2205PCER-R	CTD4205	1G22	○	160,47	ZNHW 1205POSR-1506	CTD4205	1G22	●	128,54				
VCGW 2205PCSR-M	CTD4205	1G22	○	160,47	ZNHW 1205POSR-1506-R	CTD4205	1G22	●	128,54				
<b>VCUT</b> 					ZNHW 1205POSR-3003					CTD4205	1G22	●	109,06
VCUT 160408FN-M41	CTD4110	1G22	●	140,80	ZNHW 1205ZZSR-5003-Q	CTD4205	1G22	●	139,46				
VCUT 160408TN-M41	CTD4110	1G22	●	140,80	ZNHW 120504ER-1503	CTD4205	1G22	●	109,48				
VCUT 160412FN-M41	CTD4110	1G22	●	140,80	ZNHW 120504FR-0007	CTD4205	1G22	●	133,44				
VCUT 160412TN-M41	CTD4110	1G22	●	140,80	ZNHW 120508ER-1503	CTD4205	1G22	●	109,48				
VCUT 220530FN-M41	CTD4110	1G22	●	171,00	ZNHW 120508SR-0003	CTD4205	1G22	●	109,06				
VCUT 220530TN-M41	CTD4110	1G22	●	171,00	<b>GX..R</b> 								
<b>VCUW</b> 					GX24-4R3.00N-M4					CTD4110	1G22	●	122,80
VCUW 160404FL	CTD4125	1G22	○	68,00	GX24-4R3.00TN-M4					CTD4110	1G22	●	128,70
VCUW 160404FN	CTD4110	1G22	○	68,00	GX24-5R4.00FN-M41					CTD4110	1G22	●	190,20
VCUW 160404FR	CTD4125	1G22	○	68,00	GX24-5R4.00N-M4					CTD4110	1G22	○	152,90
VCUW 160408FL	CTD4125	1G22	○	68,00	GX24-5R4.00TN-M4					CTD4110	1G22	●	158,90
VCUW 160408FN	CTD4125	1G22	●	68,00	GX24-5R4.00TN-M41					CTD4110	1G22	●	190,20
VCUW 160408FN-M4	CTD4110	1G22	○	114,40									
VCUW 160408FR	CTD4110	1G22	○	68,00									
VCUW 160408FR	CTD4125	1G22	○	68,00									
VCUW 160412FN	CTD4110	1G22	●	78,30									
VCUW 160412FN-M4	CTD4110	1G22	○	114,40									
VCUW 160412TN-M4	CTD4110	1G22	●	120,40									
VCUW 160416FN	CTD4110	1G22	○	78,30									
VCUW 220530FN	CTD4110	1G22	○	92,00									
VCUW 220530FN-M4	CTD4110	1G22	●	142,00									
VCUW 220530TN-M4	CTD4110	1G22	●	148,00									
<b>VPUT</b> 													
VPUT 220516FN-M41	CTD4110	1G22	●	161,30									
VPUT 220516TN-M41	CTD4110	1G22	●	161,30									
<b>VPUW</b> 													
VPUW 220516FN-M4	CTD4110	1G22	●	132,30									
VPUW 220516TN-M4	CTD4110	1G22	●	138,40									

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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## CNGA



CNGA 120408SN-025C	CTN3110	1G55	●	22,30
CNGA 120408TN-020D	CTS3105	1G55	●	12,30
CNGA 120408TN-020D	CTS3110	1G55	●	12,30
CNGA 120412SN-020D	CTN3105	1G55	●	22,30
CNGA 120412SN-025C	CTN3110	1G55	●	22,30
CNGA 160608SN-028C	CTM3110	1G55	●	39,90
CNGA 160616SN-028C	CTN3110	1G55	●	36,50
CNGA 160616TN-020D	CTS3105	1G55	○	17,60

## CNGN



CNGN 120404TN-020D	CTS3105	1G55	○	12,30
CNGN 120408TN-020D	CTS3105	1G55	○	12,30
CNGN 120712PN-100CF	CTS3105	1G55	●	19,20
CNGN 120712SN-025C	CTN3110	1G55	○	25,20
CNGN 120716PN-100CF	CTS3105	1G55	○	19,20
CNGN 120716PN-150CF	CTN3110	1G55	–	25,20
CNGN 120716SN-025C	CTN3110	1G55	○	25,20
CNGN 160716SN-025C	CTN3110	1G55	●	31,30
CNGN 160716SN-200C	CTS3105	1G55	○	20,20

## CNGX



CNGX 120712TN-020D	CTI3105	1G55	●	25,40
CNGX 120712TN-020D	CTN3105	1G55	●	22,20
CNGX 120712TN-020D-C	CTI3105	1G55	●	25,40
CNGX 120712TN-020D-C	CTN3105	1G55	●	22,20
CNGX 120716TN-020D	CTI3105	1G55	●	25,40
CNGX 120716TN-020D	CTN3105	1G55	●	22,20
CNGX 120716TN-020D-C	CTI3105	1G55	●	25,40
CNGX 120716TN-020D-C	CTN3105	1G55	●	22,20
CNGX 160716TN-020D	CTI3105	1G55	–	31,90

## CNNX



CNNX 120712TN-020D-C	CTN3105	1G55	●	16,60
CNNX 120716TN-020D	CTI3105	1G55	●	19,10
CNNX 120716TN-020D	CTN3105	1G55	●	16,60
CNNX 120716TN-020D-C	CTN3105	1G55	●	16,10

## DNGA



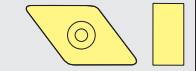
DNGA 150604TN-020D	CTS3105	1G55	●	15,50
DNGA 150608TN-020D	CTS3105	1G55	●	15,50
DNGA 150612TN-020D	CTS3105	1G55	●	15,50
DNGA 150616TN-020D	CTS3105	1G55	○	15,50

## DNGN



DNGN 150704TN-020D	CTS3105	1G55	○	15,50
DNGN 150708TN-020D	CTS3105	1G55	●	15,50
DNGN 150712SN-200C	CTS3105	1G55	○	16,10
DNGN 150712TN-020D	CTS3105	1G55	●	15,50
DNGN 150716PN-100CF	CTS3105	1G55	○	19,40
DNGN 150716SN-200C	CTS3105	1G55	○	16,10
DNGN 150716TN-020D	CTS3105	1G55	●	15,50

## DNGX



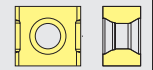
DNGX 120712TN-020D	CTN3105	1G55	●	22,20
DNGX 120716TN-020D-C	CTN3105	1G55	–	22,20
DNGX 150712TN-020D	CTN3105	1G55	●	29,80
DNGX 150712TN-020D-C	CTN3105	1G55	●	29,80
DNGX 150716TN-020D	CTN3105	1G55	–	29,80
DNGX 150716TN-020D-C	CTN3105	1G55	●	29,80

## ENGN



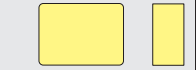
ENGN 130704TN-020D	CTS3105	1G55	○	13,70
ENGN 130708TN-020D	CTS3105	1G55	○	13,70
ENGN 130712TN-020D	CTS3105	1G55	○	13,70
ENGN 130716SN-200C	CTS3105	1G55	○	14,30
ENGN 130732TN-020D	CTS3105	1G55	○	13,70

## LNHX



LNHX 1106PNSR	CTN3105	1G55	●	22,59
LNHX 110608SN	CTN3105	1G55	–	22,59

## LNMN



LNMN 6688PN-150CE	CTN3110	1G55	●	81,00
LNMN 6688PN-200CE	CTS3105	1G55	○	61,60

## RCGX





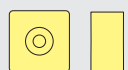







RCGX 070400SN-050C	CTS3105	1G55	○	20,90
RCGX 090700PN-075CF	CTN3110	1G55	–	28,90
RCGX 090700PN-100CF	CTS3105	1G55	○	25,40
RCGX 090700SN-200C	CTS3105	1G55	○	25,40
RCGX 090700TN-020D	CTS3105	1G55	●	25,40
RCGX 120700PN-100CF	CTS3105	1G55	●	26,10
RCGX 120700PN-150CF	CTN3110	1G55	●	30,50
RCGX 120700SN-200C	CTS3105	1G55	●	26,10
RCGX 120700TN-020D	CTS3105	1G55	●	26,10
RCGX 151000PN-100CF	CTS3105	1G55	○	34,10



# Ultra-hard cutting materials

Ceramic inserts

Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
<b>RCGX</b> 					<b>SNGN</b> 				
RCGX 151000SN-200C	CTS3105	1G55	○	34,10	SNGN 190716PN-150CF	CTN3110	1G55	●	45,40
RCGX 191000PN-100CF	CTS3105	1G55	○	38,90	SNGN 190716SN-025E	CTN3110	1G55	○	45,40
RCGX 191000SN-200C	CTS3105	1G55	○	38,90	SNGN 190716TN-020D	CTS3105	1G55	○	24,80
RCGX 251200PN-100CF	CTS3105	1G55	○	49,70	SNGN 190720PN-100CF	CTS3105	1G55	○	27,00
RCGX 251200PN-200CE	CTS3105	1G55	●	49,70	SNGN 190720SN-200C	CTS3105	1G55	○	27,00
RCGX 251200SN-200C	CTS3105	1G55	○	49,70	SNGN 190720TN-020D	CTS3105	1G55	○	24,80
<b>RNGN</b> 					<b>SNGX</b> 				
RNGN 060400TN-020D	CTS3105	1G55	○	9,14	SNGX 120712TN-020D	CTI3105	1G55	●	25,40
RNGN 090400TN-020D	CTS3105	1G55	○	11,20	SNGX 120712TN-020D	CTN3105	1G55	●	22,20
RNGN 120400PN-150CF	CTM3110	1G55	●	24,10	SNGX 120712TN-020D-C	CTI3105	1G55	●	25,40
RNGN 120400PN-150CF	CTN3110	1G55	●	22,30	SNGX 120712TN-020D-C	CTN3105	1G55	●	22,20
RNGN 120700PN-100CF	CTS3105	1G55	●	13,70	SNGX 120716TN-020D	CTN3105	1G55	●	25,40
RNGN 120700SN-020D	CTN3105	1G55	–	19,60	SNGX 120716TN-020D	CTN3105	1G55	●	22,20
RNGN 120700SN-200C	CTS3105	1G55	○	13,70	SNGX 120716TN-020D-C	CTI3105	1G55	●	25,40
RNGN 120700TN-020D	CTS3105	1G55	●	13,70	SNGX 120716TN-020D-C	CTN3105	1G55	●	22,20
RNGN 150700PN-150CE	CTN3110	1G55	●	34,00	SNGX 150716TN-020D	CTI3105	1G55	–	31,90
RNGN 150700SN-200C	CTS3105	1G55	○	25,10	SNGX 150716TN-020D	CTN3105	1G55	–	27,60
RNGN 190700PN-100CF	CTS3105	1G55	○	25,10	SNGX 150716TN-040D	CTI3105	1G55	–	31,90
RNGN 190700TN-020D	CTS3105	1G55	○	25,10	<b>SNNX</b> 				
RNGN 250700PN-100CF	CTS3105	1G55	●	34,30	SNNX 120716TN-020D	CTI3105	1G55	●	19,10
RNGN 250700PN-100CF	CTS3110	1G55	○	34,30	SNNX 120716TN-020D	CTN3105	1G55	●	16,60
RNGN 250700PN-200CE	CTM3110	1G55	●	60,00	SNNX 120716TN-020D-C	CTI3105	1G55	–	19,10
RNGN 250700PN-200CE	CTN3110	1G55	●	56,10	SNNX 120716TN-020D-C	CTN3105	1G55	–	16,60
RNGN 250700PN-200CE	CTS3105	1G55	○	34,30	<b>TNGA</b> 				
RNGN 250700TN-020D	CTS3105	1G55	●	34,30	TNGA 160408TN-020D	CTS3105	1G55	●	11,90
RNGN 310900PN-100CF	CTS3105	1G55	○	41,00	<b>TNGN</b> 				
<b>SNGA</b> 					<b>TNGN</b> 				
SNGA 120408SN-025C	CTM3110	1G55	●	24,10	TNGN 110308TN-020D	CTS3105	1G55	○	11,50
SNGA 120412SN-025C	CTM3110	1G55	–	24,10	TNGN 160408TN-020D	CTS3105	1G55	●	11,90
<b>SNGN</b> 					TNGN 220408TN-020D	CTS3105	1G55	○	15,80
SNGN 090308SN-025C	CTN3110	1G55	–	19,00					
SNGN 120408SN-015D	CTN3110	1G55	●	22,30					
SNGN 120408TN-020D	CTS3105	1G55	●	13,00					
SNGN 120412PN-150CF	CTN3110	1G55	●	22,30					
SNGN 120412SN-015D	CTN3110	1G55	●	22,30					
SNGN 120412TN-020D	CTS3105	1G55	●	13,00					
SNGN 120704TN-020D	CTS3105	1G55	●	18,70					
SNGN 120716PN-100CF	CTS3105	1G55	●	18,70					
SNGN 120716PN-150CF	CTN3110	1G55	●	25,20					
SNGN 120716SN-025C	CTN3110	1G55	●	25,20					
SNGN 120716SN-200C	CTS3105	1G55	○	18,70					
SNGN 120716TN-020D	CTS3105	1G55	○	18,70					
SNGN 120720PN-100CF	CTS3105	1G55	●	18,70					
SNGN 120720SN-200C	CTS3105	1G55	○	18,70					
SNGN 150712TN-020D	CTS3105	1G55	●	18,50					
SNGN 150716PN-150CF	CTN3110	1G55	●	34,00					
SNGN 150720SN-200C	CTS3105	1G55	○	20,50					

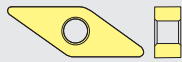
Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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## TPGN



TPGN 160304TN-020D	CTS3105	1G55	○	11,50
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## VNGA



VNGA 160408TN-020D	CTS3105	1G55	●	21,60
VNGA 160412TN-020D	CTS3105	1G55	○	21,60

## WNGX



WNGX 080712TN-020D-C	CTI3105	1G55	—	31,80
WNGX 080712TN-020D-C	CTN3105	1G55	—	27,60
WNGX 080716TN-020D-C	CTI3105	1G55	●	31,80
WNGX 080716TN-020D-C	CTN3105	1G55	●	27,60

## WNNX



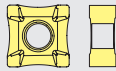
WNNX 080716TN-020D-C	CTN3105	1G55	●	20,80
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# Solutions for industrial segments

Tools for scarfing

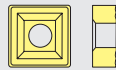
Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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## SNMG



SNMG 1907 - R10	GM540	1ID2	●	26,19
SNMG 1907 - R12	GM540	1ID2	●	26,19
SNMG 1907 - R15	GM540	1ID2	●	26,19
SNMG 1907 - R20	GM540	1ID2	●	26,19
SNMG 1907 - R25	GM540	1ID2	●	26,19
SNMG 1907 - R30	GM540	1ID2	○	26,19
SNMG 1907 - R35	GM540	1ID2	●	26,19
SNMG 1907 - R45	GM540	1ID2	●	26,19
SNMG 1907 - R55	GM540	1ID2	●	26,19
SNMG 1907 - R60	GM540	1ID2	●	26,19
SNMG 1907 - R80	GM540	1ID2	○	26,19

## SNMM



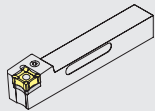
SNMM 190612EN - TUB GM540	GM540	1ID2	●	24,12
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## TNMM



TNMM 270612EN - TUB GM540	GM540	1ID2	●	22,36
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## STE

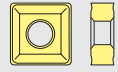


STE - 2525 - 19L		2BD1	●	167,40
STE - 2525 - 19N		2BD1	●	167,40
STE - 2525 - 19R		2BD1	●	167,40
STE - 3232 - 25L		2BD1	○	210,60
STE - 3232 - 25N		2BD1	○	210,60
STE - 3232 - 25R		2BD1	○	210,60

Designation	Grade	PG	€ each		Designation	Grade	PG	€ each	
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**RCMT**

RCMT 2507MOSN - SM	CTCP115	1A08	●	37,16
RCMT 2507MOSN - SM	CTCP125	1A08	●	37,16
RCMT 2507MOSN - SM	CTC1135	1A08	○	34,67
RCMT 3209MOSN - SM	CTCP115	1A08	●	66,86
RCMT 3209MOSN - SM	CTCP125	1A08	●	66,86

**SNMG**

SNMG 211040SN - R70	CTCP115	1E06	●	34,36
SNMG 211040SN - R70	CTCP125	1E06	●	34,36
SNMG 211040SN - R71	CTCP115	1E06	●	34,36
SNMG 211040SN - R71	CTCP125	1E06	●	34,36

**RCMX**

RCMX 2507MOSN - R23	CTCP115	1A08	○	37,16
RCMX 2507MOSN - R23	CTCP125	1A08	○	37,16
RCMX 2507MOSN - R53	CTCP115	1A08	○	37,16
RCMX 2507MOSN - R53	CTCP125	1A08	○	37,16
RCMX 2507MOSN - R83	CTCP115	1A08	●	37,16
RCMX 2507MOSN - R83	CTCP125	1A08	●	37,16
RCMX 3209MOSN - R23	CTCP115	1A08	○	66,86
RCMX 3209MOSN - R23	CTCP125	1A08	●	66,86
RCMX 3209MOSN - R53	CTCP115	1A08	○	66,86
RCMX 3209MOSN - R53	CTCP125	1A08	○	66,86
RCMX 3209MOSN - R83	CTCP115	1A08	○	66,86
RCMX 3209MOSN - R83	CTCP125	1A08	○	66,86

**RK cartridges**

RK 3219 - C19L		2A24	●	164,90
RK 3219 - C19R		2A24	●	164,90
RK 3219 - 19L		2A24	●	164,90
RK 3219 - 19R		2A24	●	164,90
RK 3223 - C19L		2A24	●	164,90
RK 3223 - C19R		2A24	●	164,90
RK 3223 - 19L		2A24	●	172,10
RK 3223 - 19R		2A24	●	172,10
RK 3223 - 30L		2A24	○	185,40
RK 3223 - 30R		2A24	○	185,40
RK 3226 - 21L		2A24	●	164,90
RK 3226 - 21R		2A24	●	164,90

**CNMX**


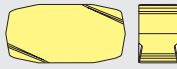
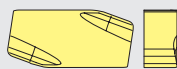
CNMX 190740SN	CTCP115	1E06	●	26,39
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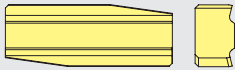
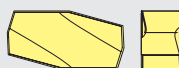
**LNUX**

LNUX 191940SN - R70	CTCP115	1E06	●	31,98
LNUX 191940SN - R70	CTCP125	1E06	●	31,98
LNUX 301940SN - R70	CTCP115	1E06	●	50,20
LNUX 301940SN - R70	CTCP125	1E06	●	50,20





Designation	Grade	PG	€ each	Designation	Grade	PG	€ each		
<b>WNEU</b> 				<b>YNUF</b> 					
WNEU 161325P50-R51	H216T	1E06	o	65,32	YNUF 170820P30-M51	CTCP615	1E06	o	30,48
WNEU 161325S42-R55	CTCP615	1E06	o	80,96	YNUF 170820P30-M51	CTC3110	1E06	–	30,48
WNEU 161325S42-R55	CTCP625	1E06	o	69,35	YNUF 170820P30-M52	CTC3110	1E06	–	24,40
WNEU 161325S50-R50	CTCP625	1E06	o	69,35	YNUF 170820P60-M50	CTCP625	1E06	o	30,48
WNEU 161325S50-R50	CTCP635	1E06	o	69,35	YNUF 170820P60-M50	CTCP635	1E06	o	30,48
WNEU 161325S50-R53	CTCP625	1E06	o	69,35	YNUF 170820S30-M51	CTC3110	1E06	–	30,48
WNEU 161325S50-R55	CTCP625	1E06	o	69,35	YNUF 170820S30-M52	CTC3110	1E06	–	30,48
WNEU 161425S42-R50	CTCP615	1E06	o	80,96	YNUF 170820S42-M50	CTCP615	1E06	o	34,39
WNEU 161425S42-R55	CTCP625	1E06	o	72,34	YNUF 170820S42-M50	CTCP625	1E06	o	30,48
WNEU 161425S50-R50	CTCP615	1E06	o	80,96	YNUF 170820S42-M50	CTC3110	1E06	–	30,48
WNEU 161425S50-R50	CTCP625	1E06	o	72,34	YNUF 170820S50-M50	CTCP615	1E06	o	34,39
WNEU 161425S50-R55	CTCP625	1E06	o	72,34	YNUF 170820S50-M50	CTCP625	1E06	o	30,48
				YNUF 170820S50-M50	CTCP635	1E06	o	30,48	
				YNUF 170820S50-M50	CTC2135	1E06	o	30,48	
				YNUF 170820S50-M60	CTC3110	1E06	–	30,48	
				YNUF 200920S42-M50	CTCP625	1E06	o	43,70	
				YNUF 200920S42-M50	CTC3110	1E06	–	43,70	
				YNUF 200920S50-M50	CTCP625	1E06	o	43,70	
				YNUF 200920S50-M50	CTC3110	1E06	–	43,70	
				YNUF 201212P50-M40	CTC3110	1E06	–	54,60	
				YNUF 201220P30-M51	CTC3110	1E06	–	54,60	
				YNUF 201220P30-M52	CTC3110	1E06	–	54,60	
				YNUF 201220P40-M59	CTP5620	1E06	o	54,60	
				YNUF 201220P60-M50	CTCP625	1E06	o	54,60	
				YNUF 201220P60-M50	CTCP635	1E06	o	54,60	
				YNUF 201220S30-M51	CTC3110	1E06	–	54,60	
				YNUF 201220S30-M52	CTC3110	1E06	–	54,60	
				YNUF 201220S42-M50	CTCP615	1E06	o	59,84	
				YNUF 201220S42-M50	CTCP625	1E06	o	54,60	
				YNUF 201220S50-M50	CTCP615	1E06	o	59,84	
				YNUF 201220S50-M50	CTCP625	1E06	o	54,60	
				YNUF 201220S50-M50	CTCP635	1E06	o	54,60	
				YNUF 201220S50-M50	CTC2135	1E06	o	54,60	
				YNUF 201220S50-M60	CTC3110	1E06	–	54,60	
				YNUF 271220P60-M50	CTCP615	1E06	o	68,44	
				YNUF 271220P60-M50	CTCP625	1E06	o	63,96	
				YNUF 271220S42-M50	CTCP615	1E06	o	68,44	
				YNUF 271220S42-M50	CTCP625	1E06	o	63,96	
				YNUF 271220S50-M50	CTCP615	1E06	o	68,44	
				YNUF 271220S50-M50	CTCP625	1E06	o	63,96	
				<b>YNUR</b> 					
				YNUR 271220P50-M40	CTCP625	1E06	o	63,96	
				YNUR 271220P50-M40	CTCP635	1E06	o	63,96	
				YNUR 271220P50-M40	CTC3110	1E06	o	63,96	

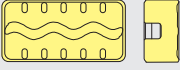
<b>WNGG</b> 				
WNGG 151015E00-M50	CTCP625	1E06	o	31,40
WNGG 151015E00-M50	CTCP635	1E06	o	31,40
WNGG 151015S42-M50	CTC3110	1E06	–	33,01
WNGG 151015S50-M50	CTC3110	1E06	–	33,01
<b>WNMF</b> 				
WNMF 110615S50-M40	CTC3110	1E06	–	26,57
WNMF 110615S50-M41	CTCP615	1E06	o	26,57
WNMF 151025S50-R41	CTC2135	1E06	o	38,99
WNMF 151025S50-R41	CTC3110	1E06	–	38,99
<b>YNCF</b> 				
YNCF 090608P90-F51	CTCP625	1E06	o	27,50
<b>YNCR</b> 				
YNCR 080308P10-F50	CTCP625	1E06	o	27,50
<b>YNGX</b> 				
YNGX 150815P50-M50	CTCP635	1E06	o	29,56

# Solutions for industrial segments


Heavy duty machining

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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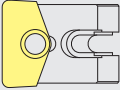
  

<b>LNMR</b>							
LNMR 501432SN-R90	CTCP125	1E06	●	95,10			
LNMR 501432SN-R96	CTCP125	1E06	●	95,10			
LNMR 501432SN-R98	CTCP125	1E06	●	95,10			
LNMR 501432SN-R98	CTP1127	1E06	●	95,10			


  


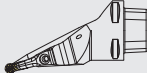
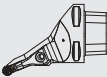
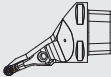
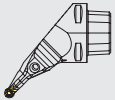


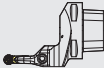
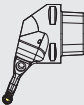

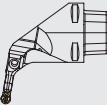
<b>SCMT</b>							
SCMT 380932SN	CTCP125	1E06	●	70,84			
SCMT 380932SN-R90	CTP1127	1E06	●	70,84			

<b>HDCGN</b>							
HDCGN 1HX16P.33		2A65	●	314,80			
HDCGN 1HX20P.33		2A65	●	320,30			
HDCGN 1HX25P.44		2A65	●	325,70			
HDCGN 1HX32P.44		2A65	●	336,50			
HDCGN 1HX40P.44		2A65	●	347,40			
HDCGN 1HX45P.44		2A65	●	358,30			
HDCGN 1HX50P.44		2A65	●	363,70			
HDCGN 1HX60P.55		2A65	●	433,60			

<b>HX..</b>							
HX 16.12.60-R71	CTCP125	1E06	●	57,90			
HX 16.12.60-R81	CTCP125	1E06	●	60,50			
HX 20.16.60-R81	CTCP125	1E06	●	68,20			
HX 25.16.90PN-040CE	CTC3110	1E06	●	66,50			
HX 25.16.90PN-130CE	CTC3110	1E06	●	66,50			
HX 25.16.90-R71	CTCP125	1E06	●	73,20			
HX 25.16.90-R71	CTC3110	1E06	●	73,20			
HX 25.16.90-R81	CTCP125	1E06	●	76,50			
HX 32.20.90PN-040CE	CTC3110	1E06	●	76,10			
HX 32.20.90-R70	CTCP125	1E06	●	83,70			
HX 32.20.90-R70	CTC3110	1E06	●	83,70			
HX 32.20.90-R81	CTCP125	1E06	●	87,50			
HX 40.24.90-R70	CTCP125	1E06	●	92,20			
HX 40.24.90-R81	CTCP125	1E06	●	96,40			
HX 45.24.90-R70	CTCP125	1E06	●	101,90			
HX 45.24.90-R81	CTCP125	1E06	●	106,50			
HX 50.32.90-R70	CTCP125	1E06	●	109,90			
HX 50.32.90-R70	CTC3110	1E06	●	109,90			
HX 50.32.90-R81	CTCP125	1E06	●	114,90			
HX 60.35.90-R70	CTCP125	1E06	●	145,60			
HX 60.35.90-R81	CTCP125	1E06	●	152,80			

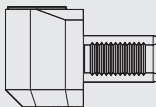
Designation	Grade	PG	€ each	Designation	Grade	PG	€ each	
<div>X32</div>				<div>OvalFlex 15°</div>				
X32-R1.60VFN-M41	CTD4110	1G22	●	166,10	OC50R-X32L15H		2D81 ○	360,10
X32-R1.60VN-23PF	H216T	1C72	●	30,33	OC50R-X32R15H		2D81 ○	360,10
X32-R1.60VN-27P	CTP4115	1C72	●	39,02	OC50-X32L15H		2D81 ●	327,40
X32-R1.60VTN-27P	H216T	1C72	●	30,33	OC50-X32R15H		2D81 ●	327,40
X32-R1.60VTN-M41	CTD4110	1G22	●	166,10				
X32-R2.00VFN-M41	CTD4110	1G22	●	166,10	<div>OvalFlex 22°</div>			
X32-R2.00VN-27P	CTP4115	1C72	●	39,02	OC50R-X32L22.5E		2D81 ○	336,30
X32-R2.00VN-27P	H216T	1C72	●	30,33	OC50R-X32R22.5E		2D81 ○	336,30
X32-R2.00VTN-M41	CTD4110	1G22	●	166,10	OC50-X32L22.5E		2D81 ●	305,70
X32-R3.00FN-M41	CTD4110	1G22	●	171,00	OC50-X32R22.5E		2D81 ●	305,70
X32-R3.00N-27DPF	H216T	1C72	●	24,53				
X32-R3.00N-27PF	CTP4115	1C72	●	39,02	<div>OvalFlex 27°</div>			
X32-R3.00N-27PF	H216T	1C72	●	31,46	OC50R-X32L27.5E		2D81 ○	336,30
X32-R3.00TN-M41	CTD4110	1G22	●	171,00	OC50R-X32R27.5E		2D81 ○	336,30
X32-R4.00EN-27DPF	H216T	1C72	●	24,53	OC50-X32L27.5F		2D81 ●	305,70
X32-R4.00FN-M4	CTD4110	1G22	○	141,90	OC50-X32R27.5F		2D81 ●	305,70
X32-R4.00FN-M41	CTD4110	1G22	●	190,20				
X32-R4.00N-27PF	CTP4115	1C72	○	39,02	<div>OvalFlex 45°</div>			
X32-R4.00N-27PF	H216T	1C72	●	31,46	OC50R-X32L45E		2D81 ○	360,10
X32-R4.00N-35P	H216T	1C72	●	31,46	OC50R-X32R45E		2D81 ○	360,10
X32-R4.00TN-M41	CTD4110	1G22	●	190,20	OC50-X32L45E		2D81 ●	327,40
					OC50-X32R45E		2D81 ●	327,40
<div>HUB...</div>				<div>OvalFlex HUB</div>				
HUB 1507QR-27	H216T	1A90	●	45,75	OC50-HUB56R15K		2D81 ●	550,00
					OC50-HUB60R15K		2D81 ●	550,00
					OC50-HUB65R15K		2D81 ●	550,00
					OC50R-HUB56R15K		2D81 ○	605,00
					OC50R-HUB60R15K		2D81 ○	605,00
					OC50R-HUB65R15K		2D81 ○	605,00
<div>OvalFlex 0°</div>				<div>OvalFlex 67°</div>				
OC50R-X32L00E		2D81	○	278,10	OC50R-X32L67.5E		2D81 ○	360,10
OC50R-X32R00E		2D81	○	278,10	OC50R-X32R67.5E		2D81 ○	360,10
OC50-X32L00E		2D81	●	252,80	OC50-X32L67.5C		2D81 ●	327,40
OC50-X32R00E		2D81	●	252,80	OC50-X32L67.5E		2D81 ●	327,40
					OC50-X32R67.5C		2D81 ●	327,40
					OC50-X32R67.5E		2D81 ●	327,40
<div>OvalFlex 5°</div>				<div>OvalFlex 80°</div>				
OC50R-X32L05H		2D81	○	360,10	OC50R-X32L80E		2D81 ○	360,10
OC50R-X32R05H		2D81	○	360,10	OC50R-X32R80E		2D81 ○	360,10
OC50-X32L05H		2D81	●	327,40	OC50-X32L80E		2D81 ●	327,40
OC50-X32R05H		2D81	●	327,40	OC50-X32R80E		2D81 ●	327,40

# Solutions for industrial segments

## OvalFlex

Designation	Grade	PG	€ each	Designation	Grade	PG	€ each
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### OvalFlex ext.



OC50-DIN69880-40ER		2D81	●	461,00
OC50-DIN69880-50ER		2D81	●	483,80
OC50R-DIN69880-40ER		2D81	○	507,10
OC50R-DIN69880-40ER150		2D81	○	545,80
OC50R-DIN69880-50ER		2D81	○	532,20
OC50R-DIN69880-50ER150		2D81	○	619,70

### OvalFlex 112°



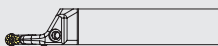
OC50-D50R112.5H		2D81	●	438,00
OC50R-D50R112.5H		2D81	○	481,80

### OvalFlex int.



OC50-DIN69880-40IL140		2D81	●	538,10
OC50-DIN69880-40IN110		2D81	●	428,40
OC50-DIN69880-40IN140		2D81	●	482,60
OC50-DIN69880-40IN175		2D81	●	527,00
OC50-DIN69880-50IN130		2D81	●	538,10
OC50-DIN69880-50IN170		2D81	●	571,70
OC50-DIN69880-50IN210		2D81	○	605,30
OC50R-DIN69880-40IL140		2D81	○	591,90
OC50R-DIN69880-40IN110		2D81	○	471,20
OC50R-DIN69880-40IN140		2D81	○	530,90
OC50R-DIN69880-40IN175		2D81	○	579,70
OC50R-DIN69880-50IN130		2D81	○	591,90
OC50R-DIN69880-50IN170		2D81	○	628,90

### X32 monoblock tool holders



X32L00-2525M		2C71	●	176,90
X32L00-3225P		2C71	●	224,00
X32L22.5-2525M		2C71	●	183,00
X32L22.5-3225P		2C71	●	229,90
X32N00-2525M		2C71	●	176,90
X32N00-3225P		2C71	●	224,00
X32R00-2525M		2C71	●	176,90
X32R00-3225P		2C71	●	224,00
X32R22.5-2525M		2C71	●	183,00
X32R22.5-3225P		2C71	●	229,90

Designation	PG	€ each	Designation	PG	€ each
10001849/HM-U WNEU161325	2A28	○ 24,01	DMSD-G 4,0Nm	2A28	● 117,47
10004088/HM-U YNUF2712	2A28	● 19,25	DMSD-G 5,0Nm	2A28	● 117,47
10004089/HM-U YNUF2012	2A28	● 16,77	DMSD-G 5-14Nm	2A28	● 301,40
10004093/HM-U RNMH 50	2A28	○ 27,74	DMSD-G 6,0Nm	2A28	● 117,47
10004176/HM-U LNGF2310	2A28	○ 17,08	DMSD-H	2A28	● 13,46
10004177/HM-U LNGF2312	2A28	○ 18,11	DMSD-H 1/4-6,0mm	2A28	● 27,30
10004459/HM-U RNGH3812	2A28	○ 22,46	H 000341/H	2A28	● 14,80
10004985/HM-U WNEU1614	2A28	○ 24,01	H 000342/H	2A28	● 15,32
10004986/HM-U NNUX2010	2A28	○ 17,91	H 000343/H	2A28	● 14,80
10004990/HM-U YNUX1006	2A28	○ 11,18	H 000344/H	2A28	● 18,22
10005399/HM-U WNMF1510	2A28	○ 16,97	H 000345/H	2A28	○ 24,63
10005730/HM-U WNEF1613	2A28	○ 22,98	H 000840/H	2A28	● 11,90
10005947/HM-U YNUR2712	2A28	○ 19,25	H 011446/H	2A28	● 12,01
10006221/HM-U WNMF1106	2A28	○ 16,97	H 018440/H	2A28	● 11,90
CA HDM-22-R	2B40	● 102,40	H 023441/H	2A28	● 12,01
DE-TN16/HM-U	2A28	● 6,61	H 024447/H	2A28	● 13,04
DE-TN16/SORT	2A28	○ 22,98	H 028443/H	2A28	● 16,04
DE-TN22/HM-U	2A28	● 9,47	H 033442/H	2A28	● 18,22
DE-TN22/SORT	2A28	● 26,08	H 038444/H	2A28	● 24,63
DE-TN27/HM-U	2A28	● 16,66	HY-M5	2A28	● 19,87
DE-TN27/SORT	2A28	● 36,54	H6-BLS-02-C	2A28	● 0,35
DMSD 0,7Nm/SORT T06	2A28	● 142,83	K-CN1014-L/K	2B40	○ 50,74
DMSD 0,7Nm/SORT 06IP	2A28	● 142,83	K-CN1014-R/K	2B40	○ 50,74
DMSD 1,0Nm/SORT T07	2A28	● 142,83	K-CN1218-L/K	2B40	○ 52,99
DMSD 1,0Nm/SORT T15	2A28	● 142,83	K-CN1218-R/K	2B40	○ 52,99
DMSD 1,0Nm/SORT 07IP	2A28	● 142,83	KL9015/10010030	2A28	● 59,20
DMSD 1,2Nm/SORT T08	2A28	● 142,83	KS 1273/DI	2A28	○ 6,76
DMSD 1,2Nm/SORT 08IP	2A28	● 142,83	K-10007861/11,8X12,5	2A28	● 22,46
DMSD 12,0Nm/SORT 20IP	2A28	● 231,50	M 018470/MO	2A28	● 1,17
DMSD 1-5Nm/SORT	2A28	● 173,05	M 018471/MO	2A28	● 1,17
DMSD 1,6Nm/SORT 08IP	2A28	● 142,83	M 022472/MO	2A28	● 1,17
DMSD 1,8Nm/SORT 08IP	2A28	● 142,83	M 022473/MO	2A28	● 1,17
DMSD 2,0Nm/SORT T10	2A28	● 142,83	M 028474/MO	2A28	● 1,81
DMSD 2,0Nm/SORT 10IP	2A28	● 151,11	MS 1273/M4X11,5	2A28	● 3,51
DMSD 2,2Nm/SORT 09IP	2A28	● 142,83	MS 1280/M4X5	2A28	● 3,37
DMSD 2-8Nm/SORT	2A28	● 217,66	MS 1281/M4X5,5	2A28	● 3,37
DMSD 3,2Nm/SORT T15	2A28	● 151,11	MS 1282/M4X6,8	2A28	● 3,51
DMSD 3,2Nm/SORT 15IP	2A28	● 151,11	MS 1283/M4X8	2A28	● 3,51
DMSD 4,0Nm/SORT T15	2A28	● 151,11	MS 1284/M4X9	2A28	● 3,63
DMSD 4,0Nm/SORT T20	2A28	● 151,11	MS 1285/M4X10	2A28	● 3,63
DMSD 4,0Nm/SORT T25	2A28	● 151,11	MS 1308/M5X11,7	2A28	○ 3,63
DMSD 5,0Nm/SORT T15	2A28	● 151,11	MS 1309/M5X15,8	2A28	● 3,63
DMSD 5,0Nm/SORT T20	2A28	● 151,11	MS-QA50	2E45	○ 13,50
DMSD 5,0Nm/SORT T20-70	2A28	● 151,11	MS-QA60	2A28	○ 14,49
DMSD 5,0Nm/SORT 20IP	2A28	● 151,11	M10x20 DIN 7991 10.9	2A28	● 4,85
DMSD 5-14Nm/SORT SW4	2A28	● 351,00	M10x35 DIN 7991 10.9	2A28	● 4,85
DMSD 5-14Nm/SORT 20IP	2A28	○ 351,00	M12X20 DIN912 - 12.9	2A28	○ 4,69
DMSD 6,0Nm/SORT T15	2A28	● 151,11	M12X50	2E45	● 6,27
DMSD 6,0Nm/SORT T25	2A28	● 151,11	M16X25 DIN912 - 12.9	2A28	● 12,73
DMSD 8,0Nm/SORT 20IP	2A28	● 252,75	M16X45	2E45	● 6,98
DMSD-B SW4-50mm	2A28	● 4,50	M1,8x3,6-06IP/10013338	2A28	● 3,51
DMSD-B T06-50mm	2A28	● 4,46	M2,0x4,3-06IP/10013332	2A28	● 3,13
DMSD-B T07-50mm	2A28	● 4,46	M2,2x5,0-07IP/10009244	2A28	● 3,03
DMSD-B T08-50mm	2A28	● 4,46	M2,5x6,0-08IP/10009243	2A28	● 3,90
DMSD-B T10-50mm	2A28	● 4,46	M3,0x7,0-09IP/10003007	2A28	● 2,99
DMSD-B T15-50mm	2A28	● 4,46	M3,5x8,6-15IP/10008749	2A28	● 2,99
DMSD-B T20-50mm	2A28	● 4,46	M3,5x9,0-15TP/10012145	2A28	● 4,40
DMSD-B T20-70mm	2A28	● 4,46	M4,5x10,5-20IP/10013040	2A28	● 2,99
DMSD-B T25-50MM	2A28	● 4,46	M4,5x12-15IP/10002887	2A28	● 2,85
DMSD-B 07IP-50MM	2A28	● 4,46	M4,5x13-20IP/10008967	2A28	● 3,59
DMSD-B 08IP-50mm	2A28	● 4,46	M5X12 DIN 7991 10.9	2A28	● 3,28
DMSD-B 09IP-50mm	2A28	● 4,46	M5x14-20IP/10003023	2A28	○ 4,03
DMSD-B 10IP-50mm	2A28	● 4,46	M5x18-15IP/10002133	2A28	○ 9,10
DMSD-B 15IP-50mm	2A28	● 4,46	M5X8 DIN 7991 10.9	2A28	● 2,37
DMSD-B 20IP-130MM	2A28	● 12,63	M6X12 DIN 7991 12.9	2A28	— 17,80
DMSD-B 20IP-50mm	2A28	● 4,46	M6X12 SW4 DIN7991 10.9	2A28	● 17,60
DMSD-B 25IP-50mm	2A28	● 4,46	M6x16-25IP/10003048	2A28	○ 7,66
DMSD-G 0,7Nm	2A28	● 109,30	M6x22-20IP/10003026	2A28	○ 10,35
DMSD-G 1,0Nm	2A28	● 109,30	M6X22-20IP/10007814	2A28	● 10,35
DMSD-G 1,2Nm	2A28	● 109,30	M8x20 DIN 7991 10.9	2A28	● 4,24
DMSD-G 1-5Nm	2A28	● 161,67	M8X22/T30IP	2A28	● 11,59
DMSD-G 1,6Nm	2A28	● 109,30	M8x30 DIN 7991 12.9	2A28	● 4,37
DMSD-G 1,8Nm	2A28	● 109,30	PIN FL.M12	2A28	● 56,95
DMSD-G 2,0Nm	2A28	● 109,30	PIN 65.M12	2A28	● 32,53
DMSD-G 2,2Nm	2A28	● 109,30	PIN 65.M8	2A28	● 32,53
DMSD-G 2-8NM	2A28	● 207,52	PIN 90.M12	2A28	● 32,53
DMSD-G 3,2Nm	2A28	● 117,47	R 000467/R	2A28	● 1,31



## Spare parts

Designation	PG	€ each	Designation	PG	€ each
R 018463/R	2A28	● 1,68	U 031954/HM-U	2A28	● 16,66
R 023461/R	2A28	● 1,68	U 053450/HM-U	2A28	● 5,83
R 025464/R	2A28	● 1,07	U 063451/HM-U	2A28	● 5,83
R 033462/R	2A28	● 1,68	U 083452/HM-U	2A28	● 18,32
R 038465/R	2A28	● 1,07	U 092453/HM-U	2A28	● 38,40
RX19 Shim Seat	2A28	— 99,00	U 112150/HM-U	2A28	● 7,53
RX25 Shim Seat	2A28	— 99,00	U 123151/HM-U	2A28	○ 18,32
S 000425/S ISK 3MM	2A28	● 3,34	U 153150/HM-U	2A28	● 7,53
S 000432/S	2A28	● 7,27	U-CN0903-D	2A28	● 6,79
S 000433/S	2A28	● 3,34	U-CN12T3-C	2A28	● 8,62
S 000458/S ISK 3MM	2A28	● 4,08	U-CN12T3-D	2A28	● 7,53
S 000831/S ISK 3MM	2A28	● 3,62	U-CN12X7-C	2A28	● 15,53
S 011429/S ISK 2MM	2A28	● 2,02	U-CN1604-D	2A28	● 11,49
S 018420/S ISK 2,5MM	2A28	● 3,04	U-CN1905-D	2A28	● 12,32
S 023421/S ISK 3MM	2A28	● 3,34	U-CN2506-D	2A28	● 23,60
S 033422/S ISK 4MM	2A28	● 3,62	U-CN2507	2A28	● 23,60
S 038427/S ISK 5MM	2A28	● 2,18	U-CN3206-S	2A28	● 49,16
SET-CX24-2 L	2A28	● 152,46	U-DETN1603-D	2A28	● 6,61
SET-CX24-2 R	2A28	● 152,46	U-DETN22T3-D	2A28	● 9,47
SET-01-D	2A28	● 22,98	U-DETN2704-D	2A28	● 16,66
SET-01L-D	2A28	● 27,43	U-DN1103-D	2A28	● 3,37
SET-02-C	2A28	● 132,58	U-DN12T3-C	2A28	● 8,62
SET-02-CN	2A28	● 132,58	U-DN12X7-C	2A28	● 15,53
SET-02-D	2A28	● 22,67	U-DN15T3-C	2A28	● 8,62
SET-02X-D	2A28	● 22,67	U-DN15T3-D	2A28	● 7,53
SET-03-C	2A28	● 132,58	U-DN15X7-C	2A28	● 15,53
SET-03-D	2A28	● 25,46	U-DN1505-D	2A28	● 9,84
SET-04-D	2A28	● 27,84	U-RN12T3-C F30RC	2A28	● 15,53
SET-05-D	2A28	● 43,37	U-SN12T3-C	2A28	● 8,62
SM-BC2-16	2E45	● 31,50	U-SN12T3-CE	2A28	● 11,39
SM-BC2-25	2E45	● 32,90	U-SN12T3-D	2A28	● 7,53
SM-ER16D	2E45	● 40,00	U-SN12X7-C	2A28	● 15,53
SM-ER16/M22x1,5	2E45	● 18,00	U-SN1504-CE	2A28	● 17,08
SM-ER20/M25x1,5	2E45	● 18,80	U-SN1504-D	2A28	● 11,49
SM-ER25D	2E45	● 46,60	U-SN1905-D	2A28	● 12,32
SM-ER25/M32X1,5	2E45	● 19,30	U-SN2504-D	2A28	● 20,70
SM-ER32D	2E45	● 53,40	U-SN2506-D	2A28	● 22,98
SM-ER32/M40x1,5	2E45	● 19,80	U-SN3106-S	2A28	● 49,16
SM-ER40D	2E45	● 60,00	U-TN16T3-C	2A28	● 8,62
SM-ER40/M50x1,5	2E45	● 20,50	U-TN16X7-C	2A28	● 15,53
SP-02-CN	2A28	● 125,65	U-TN1603-D	2A28	● 6,61
SP-33-SK	2A28	● 38,92	U-VN1603-D	2A28	● 5,33
SS-BC2-16	2E45	● 19,80	U-WN0603-D	2A28	● 3,24
SS-BC4-32	2E45	● 23,30	U-WN08T3-C	2A28	● 8,62
SS-ER16	2E45	● 19,80	U-WN08T3-D	2A28	● 9,47
SS-ER20	2E45	● 19,80	U-WN08X7-C	2A28	● 15,53
SS-ER25	2E45	● 19,80	VS-ER16-K/M5X8	2E45	● 2,73
SS-ER25-PS	2E45	● 19,80	VS-ER20-K/M6X12	2E45	● 4,04
SS-ER32	2E45	● 19,80	VS-ER25	2E45	● 2,22
SS-ER32-PS	2E45	● 19,80	VS-ER25-K/M8X1X14	2E45	● 5,33
SS-ER40	2E45	● 19,80	VS-ER32-K/M10X1X14	2E45	● 6,74
SS-SW3-PS	2E45	● 19,80	VS-ER40	2E45	● 2,32
SS-SW6-PS	2E45	● 19,80	VS-ER40-K/M12X1X18	2E45	● 8,07
S-09IP-T	2A28	● 7,14	10000125/M2,5X7,3/08TP	2A28	● 3,90
S-10007786/M16X40/DIN912-12.9	2A28	● 10,97	10000126/M2,5X5,6/08TP	2A28	● 3,90
S-10007790/M16,0X6,0/SW06	2A28	● 8,93	10000155/M5,0X14/T20	2A28	● 3,90
S-10007791/M20,0X7,0/SW08	2A28	● 10,97	10000276/TORX 08IP	2A28	● 11,59
S-10007821/M24,0X9,0/SW10	2A28	● 15,21	10001230/M1,8X3,8/T06	2A28	● 2,73
S-10007822/M30,0X9,0/SW14	2A28	● 24,53	10001365/S15-4	2A28	● 25,88
S-10007860/M6,0X21,0/T15	2A28	● 5,62	10001631/M12X25 DIN912 - 12.9	2A28	● 4,93
S-15IP-T	2A28	● 7,14	10001632/M16X30/DIN912-12.9	2A28	● 11,07
S-20IP-T	2A28	● 7,14	10001785/M5,0X10,8/T20	2A28	● 7,78
S-25IP-T	2A28	● 12,01	10001938/M5X20/T25	2A28	● 4,69
S4/SW4	2A28	● 6,76	10002105/M16X59,5 SW8	2A28	● 36,23
THIMBLE DIN1481DIA3X12	2A28	— 7,15	10002113-0/AW-RH	2A28	● 35,09
U 000051L/HM-U	2A28	● 10,76	10002115-0/CC-125	2A28	○ 192,82
U 000051R/HM-U	2A28	● 10,76	10002303/M4X16/T15	2A28	● 7,75
U 000152/HM-U	2A28	● 11,90	10002362-0/WS-L T15	2A28	● 3,90
U 000351/U	2A28	● 6,76	10002400-0/CC-80	2A28	○ 175,23
U 000352/U	2A28	● 12,01	10002401-0/CC-100	2A28	○ 186,92
U 000353/U	2A28	● 16,56	10002402-0/CC-160	2A28	○ 204,52
U 000354/U	2A28	● 31,05	10002493/TORX T20 F	2A28	● 3,94
U 000456/HM-U	2A28	● 7,53	10002494/TORX 08IP F	2A28	● 3,94
U 000457/HM-U	2A28	● 11,90	10002666/M4X16 DIN912 - 12.9	2A28	○ 3,51
U 000651/HM-U	2A28	● 6,88	10002788/M16X1,5X6 SW8	2A28	● 17,60
U 013950/HM-U	2A28	● 6,61	10003773-0/CC-80	2A28	○ 111,06
U 021953/HM-U	2A28	● 9,47	10003774-0/CC-100	2A28	○ 116,85

Designation	PG	€ each	Designation	PG	€ each
10003775-0/CC-125	2A28	○ 157,73	7485941/HM-U	2A28	● 6,22
10003776-0/CC-63	2A28	○ 111,06	7722111/M3,5X7,2/T15	2A28	● 2,99
10003965-0/CC-80	2A28	○ 111,06	7722113/M2,2X5/T07	2A28	● 2,45
10003966-0/CC-100	2A28	○ 192,82	7722130/SSR D=80	2A28	● 5,05
10004092-0/CF D38	2A28	● 51,54	7722131/SSR D=100	2A28	● 5,90
10004739/B M 8,0	2A28	● 12,83	7722132/SSR D=125	2A28	● 7,14
10005850-0/CF D29	2A28	● 48,54	7722133/SSR D=160	2A28	● 12,42
10005884/S12-3	2A28	● 25,36	7722134/SSR D=200	2A28	● 14,59
10005892/M2,5X5,0/08TP	2A28	● 3,90	7722139/SSR D=32	2A28	● 3,22
10006216/M5,0X18/T15	2A28	● 7,75	7722140/SSR D=40	2A28	● 3,52
10006285/M8,0X20 SW5	2A28	○ 7,15	7722141/SSR D=50	2A28	● 4,09
10006286/M8,0X30 SW5	2A28	● 7,40	7722142/SSR D=63	2A28	● 4,50
10006791/KMR22	2A28	● 24,01	7724103/TORX T15	2A28	● 11,59
10006792/KMR27	2A28	● 24,53	7724104/TORX T20	2A28	● 11,59
10006793/KMR32	2A28	● 27,01	7724105/TORX T07	2A28	● 11,59
10006794/KMR40	2A28	● 35,60	7724106/TORX T08	2A28	● 11,59
10006885/HM-U CNMX1907	2A28	● 23,39	7729112/TORX T06 F	2A28	● 3,94
10006887/M3,5X8,6/15IP	2A28	● 3,03	7729113/M2,0X4,8/T06	2A28	● 2,85
10006888/M2,2X4,2/07IP	2A28	● 3,03	7730102/GREASE	2A28	● 4,18
10006918/TORX 07IP	2A28	● 11,59	7801175/M2,0X3,3/T06	2A28	● 2,45
10006919/TORX 15IP	2A28	● 11,59	7801177/M3,5X6,7/T15	2A28	● 2,73
10007085/M3,0X7,3/T10	2A28	● 2,45	7802115/M6X25 DIN 912	2A28	● 1,96
10007404/TORX 07IP F	2A28	● 3,94	7802133/M8X35 DIN 912	2A28	● 1,96
10007405/TORX 15IP F	2A28	● 3,94	7802138/ST	2A28	● 1,17
10007562/M2,5X7,6/08TP	2A28	● 3,90	7802143/R1/4" SET	2A28	○ 38,81
10008039-0/AW-LH	2A28	● 35,09	7802148/R1/8" /SORT	2A28	● 39,85
10008867/GS-M4.0	2C71	● 18,50	7802180/A 2,2	2A28	● 4,15
10008868/GS-M5.0	2C71	● 18,50	7802181/A 3,1	2A28	● 4,15
10009229/M3X7,5/10IP	2A28	● 2,94	7802182/A 8,2	2A28	● 5,19
10009284-0/FW-RH	2A28	● 35,09	7802210/D LH	2A28	○ 58,79
10009285-0/FW-LH	2A28	● 35,09	7802212/M5,0X12/T20	2A28	● 2,99
10009333/TORX 09IP	2A28	● 11,59	7812115/M6X20 DIN 912	2A28	● 3,51
10009377/TORX 10IP	2A28	● 11,59	7812301/SW 5	2A28	● 3,51
10009755-0/FW-N	2A28	● 35,09	7812302/SW 6	2A28	○ 4,93
10010029/M6X12 DIN912- 12.9	2A28	● 2,12	7815000/HM-U	2A28	● 7,14
10010143/M3X5,2/08TP	2A28	● 2,93	7815002/HM-U	2A28	● 9,60
10011426/TORX T25 T/SW5/OVAL	2A28	● 24,50	7815003/HM-U	2A28	● 9,60
10013909/TORX 20IP	2A28	● 11,59	7815004/HM-U	2A28	● 12,73
10013959/TORX 06IP	2A28	● 11,59	7815005/HM-U	2A28	● 12,73
10014329/SD 12X7 100BAR	2D81	● 27,70	7815101/M2,5X6,0/T08	2A28	● 2,99
10014921/TORX 06IP F	2A28	● 3,94	7815102/M3,5X11,0/T15	2A28	● 2,99
10014922/TORX 09IP F	2A28	● 3,94	7815108/M1,8X3,4/T06	2A28	● 3,51
206227/AZS	2A28	○ 14,28	7815110/M2,0X4,0/T06	2A28	● 3,13
3673051/HM-U	2A28	● 24,43	7815900/SORT	2A28	● 20,70
62 950 006/M6X10	2E45	● 0,77	7815901/SORT	2A28	● 23,18
62 950 008/M8x10	2E45	● 0,77	7815902/SORT	2A28	● 14,49
62 950 012/M12x16	2E45	● 1,18	7815903/SORT	2A28	● 23,18
62 950 016/M14x16	2E45	● 1,45	7817002/HM-U	2A28	● 11,80
62 950 020/M16X16	2E45	● 1,56	7817008/HM-U	2A28	● 24,22
62 950 025/M18X2X20	2E45	● 3,00	7817009/HM-U	2A28	● 27,74
62 950 032/M20x2x20	2E45	● 3,11	7817010/HM-U	2A28	● 27,74
70.5-824/SP	2A28	● 16,25	7817902/SORT	2A28	● 25,56
70.5-825/SP	2A28	● 16,25	7817911/SORT	2A28	● 38,40
70.5-841/F+S	2A28	● 2,34	7817912/SORT	2A28	● 42,02
70.5-848/F	2A28	● 1,05	7818009/AR	2A28	— 189,51
70.5-865/S	2A28	● 5,33	7818010/AR	2A28	— 202,55
7480210/M8X20	2A28	● 4,93	7818012/AR	2A28	— 222,01
7480312/HM-U	2A28	● 11,80	7818043/K	2A28	● 16,66
7480313/HM-U	2A28	● 9,47	7818044/M8X21/R-L	2A28	● 2,85
7480315/HM-U	2A28	● 11,80	7818045/M4X20 DIN 465	2A28	— 3,51
7480316/HM-U	2A28	● 9,47	7818048/EXZS	2A28	● 11,80
7480412/SW 4	2A28	● 2,45	7818120/HM-U	2A28	● 11,90
7480901/KN 3x10	2A28	● 1,05	7818121/KOMBI T20/SW4,5	2A28	— 14,59
7480902/KN 2,6x10	2A28	● 1,05	7818123/M8X25/DIN912-12.9	2A28	● 2,99
7480910/FS	2A28	● 1,05	7818124/M10X25/DIN912-12.9	2A28	● 5,19
7485860/M6,0X16,2/T20	2A28	● 4,93	7818125/M12X30/DIN912-12.9	2A28	● 8,06
7485865/SP	2A28	● 8,31	7818126/M16X35 DIN912 - 12.9	2A28	● 19,35
7485869/SP	2A28	● 8,46	7818127/M20X35 DIN912 - 12.9	2A28	● 25,46
7485901/SORT	2A28	○ 27,32	7818267/M8,0x30,0	2A28	● 11,90
7485906/SORT	2A28	● 24,74	7818268/M10,0X31,0	2A28	● 16,35
7485907/SORT	2A28	● 20,49	7818316/M8X1X24/12.9	2A28	● 3,24
7485910/SORT	2A28	● 27,32	7818317/K	2B40	● 51,15
7485911/SORT	2A28	● 27,22	7818319/M5,0X16,0/DIN912-12.9	2A28	○ 3,51
7485915/SORT	2A28	● 23,60	7818428/M4,0X8,5/T15	2A28	● 3,24
7485917/SORT	2A28	● 26,08	7818429/M4,0X11/T15	2A28	● 3,24
7485926/SORT	2A28	○ 22,98	7818430/M4,0X7,0/T15	2A28	● 2,73
7485940/HM-U	2A28	● 8,69	7822114/M4,5X10,5/T20	2A28	● 2,99

## Spare parts

Designation	PG	€ each	Designation	PG	€ each
7830001/SP	2A28	● 4,93	7882202/SW 3	2A28	● 2,34
7830002/M4,0X10/T15	2A28	● 1,81	7882301/SW 2	2A28	● 2,34
7830004/TORX T15 F	2A28	— 3,94	7883001/HM-U	2A28	● 9,22
7830005/SORT	2A28	● 18,32	7883002/HM-U	2A28	● 11,80
7830006/TORX T08 F	2A28	● 3,94	7883003/HM-U	2A28	● 9,22
7830501/HM-U	2A28	● 22,77	7883004/HM-U	2A28	● 11,80
7830509/SORT	2A28	○ 37,16	7883005/HM-U	2A28	● 7,40
7837505/UNC5X9,5/T10	2A28	○ 2,99	7883101/B M 4,5	2A28	● 4,43
7837506/UNC5X12/T10	2A28	● 2,73	7883102/B M 3,5	2A28	● 4,43
7837507/UNC8X11/T20	2A28	○ 3,51	7883202/M4,5X12/T15	2A28	● 2,45
7837552/SP	2A28	○ 16,46	7883203/M3,0X7,3/T08	2A28	● 2,45
7837553/SP	2A28	○ 22,25	7883204/M2,5X5/T08	2A28	● 2,45
7837556/S+S	2A28	○ 3,51	7883209/M3,5X8,6/T15	2A28	● 2,99
7852006/M6X22 ISK 4MM	2A28	○ 1,43	7883212/M2,5X4,2/T08	2A28	● 2,99
7853400/SORT	2A28	● 24,74	7883213/M3,0X5,0/T08	2A28	● 2,99
7853401/SORT	2A28	● 24,22	7883214/M3,0X5,7/T08	2A28	● 2,99
7853402/SORT	2A28	● 28,26	7883215/M2,2X4,0/T07	2A28	● 2,99
7853403/SORT	2A28	● 41,40	7883216/M4,5X13/T20	2A28	● 2,99
7853404/SORT	2A28	● 25,56	7883301/KOMBI T15	2A28	● 7,90
7853407/SORT	2A28	● 30,84	7883302/TORX T07 F	2A28	● 3,94
7853408/SORT	2A28	● 22,56	7883304/TORX T25 T	2A28	● 11,59
7853409/SORT	2A28	● 28,15	7883305/TORX T06	2A28	● 11,59
7853410/SORT	2A28	● 41,40	7883306/TORX T10	2A28	● 11,59
7853411/SORT	2A28	○ 66,24	7883901/SORT	2A28	● 24,74
7853412/SORT	2A28	● 13,87	7883902/SORT	2A28	● 24,74
7853413/SORT	2A28	● 22,77	7883903/SORT	2A28	● 22,67
7853414/SORT	2A28	● 26,08	7883904/SORT	2A28	● 22,67
7853416/SORT	2A28	● 25,98	7883905/SORT	2A28	● 21,11
7853417/SORT	2A28	● 31,77	7883906/SORT	2A28	● 14,49
7853418/SORT	2A28	● 35,40	7883907/SORT	2A28	● 14,08
7853419/SORT	2A28	● 57,44	7883908/SORT	2A28	● 7,39
7853421/SORT	2A28	● 22,25	7883909/SORT	2A28	● 14,08
7853422/SORT	2A28	● 24,74	7883910/SORT	2A28	● 14,49
7853423/SORT	2A28	● 23,39	7883911/SORT	2A28	● 25,98
7853425/SORT	2A28	● 18,42	7883912/SORT	2A28	● 25,98
7853426/SORT	2A28	● 25,88	7883914/SORT	2A28	● 14,49
7853427/SORT	2A28	● 16,35	7883916/M6X16 12.9	2A28	● 18,94
7853519/HM-U	2A28	● 8,31	7896922/M3,5X4 DIN 913	2A28	● 2,73
7853520/HM-U	2A28	● 6,88	7896935/SET-UT40-3L	2D81	● 164,10
7853521/HM-U	2A28	● 6,88	7896938/ZS-UT40	2D81	○ 9,87
7853608/H	2A28	● 14,28	7896950/DS-UT40	2D81	○ 43,30
7853610/H	2A28	● 14,28	7896957/SET-UT40-3S	2D81	● 164,10
7853611/H	2A28	○ 14,28	7896961/SS1/2-240	2D81	○ 92,00
7853711/S	2A28	● 2,07	7896964/SW6-180K	2D81	○ 5,11
7853712/S	2A28	● 4,03	7896965/SW8-200K	2A28	● 7,86
7853806/R	2A28	● 1,96	7896966/SW10-220K	2D81	○ 9,12
7878027/HM-U	2A28	● 22,98	7896967/SW12-250K	2D81	○ 10,50
7879001/M16X56	2A28	○ 8,31	7896982/M12X1.75X25-DIN913	2D81	● 1,52
7879060/M6X16 DIN912- 12.9	2A28	● 2,73	7896983/M8X30-12.9-DIN913	2D81	○ 5,32
7880001/HM-U	2A28	● 9,47	7896984/M10X1.0X12	2D81	● 22,70
7880002/HM-U	2A28	● 17,28	7896985/M12X1.0X17	2D81	○ 19,60
7880003/HM-U	2A28	● 11,59	7896986/M10X1.0X10	2D81	○ 7,71
7880004/HM-U	2A28	● 11,59	7896990/R1/8-K-SORT	2D81	○ 25,20
7880005/HM-U	2A28	● 20,08	7896991/M8X16-12.9-DIN913	2D81	○ 0,87
7880007/HM-U	2A28	● 11,59	7897200/M2,5X10/T08	2A28	● 6,76
7880008/HM-U	2A28	● 9,47	7897201/M3,0X11/T10	2A28	● 7,01
7880010/HM-U	2A28	● 11,59	7897202/M3,5X12,5/T15	2A28	● 8,56
7880101/K	2A28	● 9,47	7897203/M4,0X14/T15	2A28	● 8,18
7880102/K	2A28	● 8,69	7897204/M4,5X17/T20	2A28	● 7,78
7880103/K	2A28	● 7,14	7897205/M5,0X18/T20	2A28	● 5,46
7880401/PS	2A28	● 4,93	7897206/M6,0X20/T25	2A28	● 4,03
7880402/PS	2A28	● 3,90	7897207/TORX T20 T	2A28	● 6,37
7880407/PS	2A28	● 4,80	7897208/TORX T15 T	2A28	● 6,11
7880408/PS	2A28	● 4,80	7897209/M4,0X11/T15	2A28	● 9,86
7880601/KE	2A28	● 13,04	7897210/M5,0X13,5/T20	2A28	● 10,26
7880602/KE	2A28	● 13,04	7897211/M4X12 DIN 912 - 12.9	2A28	● 2,19
7880603/KE	2A28	● 11,39	7897213/M6X20 12.9 DIN 912	2A28	○ 2,19
7880605/KE	2A28	● 11,80	7897214/TORX T10 F	2A28	● 3,94
7880606/KE	2A28	● 13,04	7897218/M4,0X18/T20	2A28	● 4,54
7880608/KE	2A28	● 11,39	7897221/M3,5X14,0/T15	2A28	● 3,90
7880901/SORT	2A28	● 36,54	7897990/M8X1X8 DIN913	2A28	● 2,85
7880902/SORT	2A28	● 43,68	7898600/SET-UT50-3L	2D81	● 168,60
7880903/SORT	2A28	● 33,84	7898604/ZS-UT50	2D81	○ 11,20
7880904/SORT	2A28	● 33,84	7898612/DS-UT50	2D81	○ 33,50
7880912/SORT	2A28	● 36,43	7898616/SET-UT50-3S	2D81	● 168,60
7880914/SORT	2A28	● 34,88	7899750/SET-UT63-3L	2D81	● 213,00
7882201/SW 2,5	2A28	● 2,34	7899754/ZS-UT63	2D81	○ 11,20

Designation	PG	€ each	Designation	PG	€ each
7899762/DS-UT63	2D81	○ 48,50			
7899773/SET-UT63-3S	2D81	○ 209,10			
83 367 040/M20x30-12,9	2E45	● 11,70			
83 367 050	2E45	● 26,90			
83 368 140	2E45	● 36,50			
83 368 150	2E45	● 52,00			
83 370 116	2E45	● 9,44			
83 370 122	2E45	● 10,40			
83 370 127	2E45	● 11,70			
83 370 132	2E45	● 13,60			
83 370 140	2E45	● 20,50			
83 370 150	2E45	● 33,90			
83 950 017	2E45	● 1,03			
83 950 018	2E45	● 1,03			
83 950 019	2E45	● 1,56			
83 950 030	2E45	● 0,66			
83 950 031	2E45	● 0,66			
83 950 033	2E45	● 1,56			
83 950 034	2E45	● 1,70			
83 950 035	2E45	● 1,83			
83 950 036	2E45	● 1,83			
83 950 037	2E45	● 2,22			
83 950 260	2E45	● 0,77			
83 950 261	2E45	● 0,77			
83 950 265	2E45	● 1,56			
83 950 266	2E45	● 1,83			
83 950 267	2E45	● 1,56			
83 950 268	2E45	● 1,83			
83 950 269	2E45	● 2,10			
83 950 270	2E45	● 2,10			
83 950 271	2E45	● 2,60			
83 950 272	2E45	● 2,32			
83 950 274	2E45	● 1,45			
83 950 275	2E45	● 1,45			
KMS.HSK100	2E45	● 15,63			
KMS.HSK63	2E45	● 9,56			
KW.HSK100	2E45	● 74,62			
KW.HSK63	2E45	● 49,06			
UT40-AD-VK	2D81	● 85,20			
UT50-AD-VK	2D81	○ 42,00			
UT63-AD-VK	2D81	○ 49,20			
7896707/DMS 8-60Nm 3/8"	2D81	○ 479,60			
7896709/SE3/8-SW6	2D81	○ 18,30			
7896710/SE3/8-SW10	2D81	○ 21,10			
7896711/SE3/8-SW12	2D81	○ 28,20			
7896900/O-RING 40	2A28	● 2,45			
7896904/SD 8X6	2D81	● 13,80			
7896918/SD 10X7	2D81	● 17,50			
7896936/PK-UT40	2D81	○ 97,00			
7896940/O-RING 50	2A28	● 2,45			
7896941/O-RING 63	2A28	● 2,45			
7896944/SD 12X8	2D81	● 17,50			
7896947/ORING-PK-UT40	2D81	○ 4,99			
7896951/ORING-SK-UT40	2D81	○ 4,99			
7896952/KS-UT40	2D81	○ 3,90			
7896953/SK-UT40	2D81	○ 110,60			
7896954/ORING-DS-UT40	2D81	○ 5,11			
7896962/SE1/2-SW8	2D81	○ 15,50			
7896963/SE1/2-SW10	2D81	○ 18,00			
7896980/SN1/2-SW13	2D81	○ 8,14			
7896981/SN1/2-SW17	2D81	○ 9,56			
7898602/ORING-PK-UT50	2D81	○ 4,99			
7898609/PK-UT50	2D81	○ 183,00			
7898611/ORING-DS-UT50	2D81	○ 4,99			
7898613/ORING-SK-UT50	2D81	○ 4,99			
7898614/KS-UT50	2D81	○ 3,90			
7898615/SK-UT50	2D81	○ 214,30			
7899752/ORING-PK-UT63	2D81	○ 5,64			
7899759/PK-UT63	2D81	○ 241,90			
7899761/ORING-DS-UT63	2D81	○ 4,99			
7899763/ORING-SK-UT63	2D81	○ 5,64			
7899764/KS-UT63	2D81	○ 3,90			
7899765/SK-UT63	2D81	○ 288,20			



## Torx screws and keys

### Torx screws

Designation	Dimension	Torx
7815108/M1,8X3,4/T06	M1,8 x 3,4	T06
10001230/M1,8X3,8/T06	M1,8 x 3,8	T06
7801175/M2,0X3,3/T06	M2,0 x 3,3	T06
7815110/M2,0X4,0/T06	M2,0 x 4,0	T06
7729113/M2,0X4,8/T06	M2,0 x 4,8	T06
7883215/M2,2X4,0/T07	M2,2 x 4,0	T07
7722113/M2,2X5/T07	M2,2 x 5	T07
7897200/M2,5X10/T08	M2,5 x 10	T08
7883212/M2,5X4,2/T08	M2,5 x 4,2	T08
10000126-0/M2,5X5,5/TP08	M2,5 x 5,5	TP08
7883204/M2,5X5/T08	M2,5 x 5	T08
7815101/M2,5X6,0/T08	M2,5 x 6,0	T08
10000125-0/M2,5X7,3/TP08	M2,5 x 7,3	TP08
7897201/M3,0X11/T10	M3,0 x 11	T10
7883213/M3,0X5,0/T08	M3,0 x 5,0	T08
7883214/M3,0X5,7/T08	M3,0 x 5,7	T08
7883203/M3,0X7,3/T08	M3,0 x 7,3	T08
7815102/M3,5X11/T15	M3,5 x 11	T15
7897202/M3,5X12,5/T15	M3,5 x 12,5	T15
7897221/M3,5X14,0/T15	M3,5 x 14,0	T15
7801177/M3,5X6,7/T15	M3,5 x 6,7	T15
7722111/M3,5X7,2/T15	M3,5 x 7,2	T15
7883209/M3,5X8,6/T15	M3,5 x 8,6	T15

### Torx screws

Designation	Dimension	Torx
7830002/M4,0X10/T15	M4,0 x 10	T15
7818429/M4,0X11/T15	M4,0 x 11	T15
7897209/M4,0X11/T15	M4,0 x 11	T15
7897203/M4,0X14/T15	M4,0 x 14	T15
7897218/M4,0X18/T20	M4,0 x 18	T20
10002278-0/M4,0X7,0/T15	M4,0 x 7,0	T15
7818430/M4,0X7,0/T15	M4,0 x 7,0	T15
7818428/M4,0X8,5/T15	M4,0 x 8,5	T15
7822114/M4,5X10,5/T20	M4,5 x 10,5	T20
7883202/M4,5X12/T15	M4,5 x 12	T15
10002887/M4,5X12/T15IP	M4,5 x 12	T15IP
7883216/M4,5X13/T20	M4,5 x 13	T20
7897204/M4,5X17/T20	M4,5 x 17	T20
10001785/M5,0X10,8/T20	M5,0 x 10,8	T20
7802212/M5,0X12/T20	M5,0 x 12	T20
7897210/M5,0X13,5/T20	M5,0 x 13,5	T20
10000155-0/M5,0X14/T20	M5,0 x 14	T20
7897205/M5,0X18/T20	M5,0 x 18	T20
10002133/M5X18/T15IP	M5 x 18	T15IP
10001938/M5X20/T25	M5 x 20	T25
7485860/M6,0X16,2/T20	M6,0 x 16,2	T20
7897206/M6,0X20/T25	M6,0 x 20	T25

### Torx keys / Allen keys

Designation	Dimension
7883305/TORX T06	TORX T06
7724105/TORX T07	TORX T07
7724106/TORX T08	TORX T08
7883306/TORX T10	TORX T10
7724103/TORX T15	TORX T15
7724104/TORX T20	TORX T20
7897208/TORX T15 T	TORX T15 T
7897207/TORX T20 T	TORX T20 T
7883304/TORX T25 T	TORX T25 T
7883301/KOMBI T15	KOMBI T15
7818121/KOMBI T20/SW4,5	KOMBI T20/SW4,5
10000276/TORX 8IP	TORX 8IP
7882201/SW 2,5	SW 2,5
7882202/SW 3	SW 3

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Designation	
DMSD 0,7Nm/SORT T06	0,7 Nm
DMSD 1,0Nm/SORT T15	1,0 Nm
DMSD 1,2Nm/SORT T08	1,2 Nm
DMSD 1,6Nm/SORT 8IP	1,6 Nm
DMSD 1,8Nm/SORT 8IP	1,8 Nm
DMSD 3,2Nm/SORT T15	3,2 Nm
DMSD 4,0Nm/SORT T20	4,0 Nm
DMSD 5,0Nm/SORT T15	5,0 Nm
DMSD 5,0Nm/SORT T20	5,0 Nm
DMSD 6,0Nm/SORT T15	6,0 Nm
DMSD 8,0Nm/SORT 20IP	8,0 Nm
DMSD 1-5Nm/SORT	1,0 - 5,0 Nm
DMSD-B T06-50mm	B T06-50 mm
DMSD-B T08-50mm	B T08-50 mm
DMSD-B T15-50mm	B T15-50 mm
DMSD-B T20-50mm	B T20-50 mm
DMSD-B 8IP-50mm	B 8IP-50 mm
DMSD-G 0,7Nm	G 0,7 Nm
DMSD-G 1,0Nm	G 1,0 Nm
DMSD-G 1,6Nm	G 1,6 Nm
DMSD-G 1,2Nm	G 1,2 Nm
DMSD-G 1,8Nm	G 1,8 Nm
DMSD-G 3,2Nm	G 3,2 Nm
DMSD-G 4,0Nm	G 4,0 Nm
DMSD-G 5,0Nm	G 5,0 Nm
DMSD-G 5,0Nm	G 5,0 Nm
DMSD-G 6,0Nm	G 6,0 Nm



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# CTC P335



## 1 Manufacturer: CERATIZIT

## 2 Cutting material

- W Uncoated carbide
- C CVD coated carbide
- P PVD coated carbide
- T Uncoated cermet
- E Coated cermet
- N Uncoated silicon nitride
- M Coated silicon nitride
- S Mixed ceramic
- I Sialon
- D PCD
- B CBN
- L CBN coated
- H Sintered HSS

## 3 Main application (material) Variant 1: number

- 1 Steel
- 2 Stainless steel
- 3 Cast iron
- 4 Light and non-ferrous metals, non-metals
- 5 Heat-resistant alloys, titanium
- 6 Hard materials
- 7 Universal grade for a variety of applications

## Main application (material) Variant 2: ISO letter

- P Steel
- M Stainless steel
- K Cast iron
- N Light and non-ferrous metals, non-metals
- S Heat-resistant alloys, titanium
- H Hard materials
- X Universal grade for a variety of applications

## 4 Main application (machining method)

- 1 Turning
- 2 Milling
- 3 Parting and grooving
- 4 Drilling
- 5 Threading
- 6 Others
- 7 Universal grade for a variety of applications

## 5 ISO 513 Application range

- For example:
- 05 ISO K05/P05
  - 10
  - 15
  - 25-



# Grade overview

Grade designation	Standard designation	*Cutting material	Application range								Material group						Machining method							
											P	M	K	N	S	H	T	M	D	S	G	P		
			01	05	10	15	20	25	30	35	40	45	50	Steel	Stainless	Cast iron	Non-ferrous metals	Heat-resistant	Hard materials	Turning	Milling	Drilling	Thread turning	Grooving
AMZ	HC-K10	P																						
CM45	HC-P45	P																						
	HC-M40	P																						
	HC-K25	P																						
CTC1135	HC-P35	C																						
	HC-M25	C																						
CTC1325	HC-P25	C																						
	HC-M20	C																						
	HC-K30	C																						
CTC1425	HC-P25	C																						
	HC-M20	C																						
	HC-K15	C																						
CTC1435	HC-P35	C																						
	HC-M30	C																						
	HC-K20	C																						
CTC1635	HC-P35	C																						
	HC-M30	C																						
CTC1640	HC-P40	C																						
	HC-M35	C																						
CTC2135	HC-P35	C																						
	HC-M30	C																						
CTC3110	HC-P10	C																						
	HC-K10	C																						
CTC3215	HC-K15	C																						
CTC5235	HC-M35	C																						
CTC5240	HC-M40	C																						
CTCK120	HC-P10	C																						
	HC-K20	C																						

● Main application

○ Extended application

Grade designation	Standard designation	*Cutting material	Application range										Material group						Machining method					
													P	M	K	N	S	H	T	M	D	S	G	P
			01	05	10	15	20	25	30	35	40	45	50	Steel	Stainless	Cast iron	Non-ferrous metals	Heat-resistant	Hard materials	Turning	Milling	Drilling	Thread turning	Grooving
CTCP115	HC-P15	C																						
	HC-M10	C																						
	HC-K25	C																						
CTCP425	HC-P25	C																						
	HC-M20	C																						
	HC-K30	C																						
CTCP435	HC-P35	C																						
	HC-M30	C																						
	HC-K40	C																						
CTCP125	HC-P25	C																						
	HC-M20	C																						
	HC-K30	C																						
CTCP335	HC-P35	C																						
	HC-M30	C																						
	HC-K35	C																						
CTP1235	HC-P35	P																						
	HC-M30	P																						
CTP1340	HC-P30	P																						
	HC-M25	P																						
	HC-K30	P																						
CTP1625	HC-P25	P																						
	HC-M25	P																						
	HC-K20	P																						
CTP2120	HC-M20	P																						
	HC-K20	P																						
CTP2235	HC-P40	P																						
	HC-M40	P																						

● Main application

○ Extended application

## Grade overview

Grade designation	Standard designation	*Cutting material	Application range										Material group						Machining method					
													P	M	K	N	S	H	T	M	D	S	G	P
			01	05	10	15	20	25	30	35	40	45	Steel	Stainless	Cast iron	Non-ferrous metals	Heat-resistant	Hard materials	Turning	Milling	Drilling	Thread turning	Grooving	Parting
<b>CTP2440</b>	HC-P40	P											●						●		●			
	HC-M35	P												●					●		●			
	HC-K25	P														○	○		●		●			
<b>CTP3220</b>	HC-K20	P																		●				
<b>CTP4115</b>	HC-K15	P																	●					
<b>CTP5110</b>	HC-M15	P												○					●					
	HC-S15	P																●	●					
<b>CTP5115</b>	HC-M15	P												○					●					
	HC-S15	P																●	●					
<b>CTP5620</b>	HC-M20	P												○				●	●					
<b>CTP5630</b>	HC-M30	P												○				●	●					
<b>CTP6215</b>	HC-K15	P																●		●				
<b>CTPM125</b>	HC-P35	P											●						●					
	HC-M25	P												●				○	●					
<b>CTPP345</b>	HC-P45	P											●										●	●
	HC-M40	P												●									●	●
	HC-S40	P																○					●	●
<b>CTPP430</b>	HC-P30	P											●						●		●		●	●
	HC-M25	P												●					●		●		●	●
	HC-S25	P														○	○	●	●		●		●	●
<b>CTPP435</b>	HC-P35	P											●						●		●			
	HC-M30	P												●					●		●			
	HC-S30	P														○	○	●	●		●			
<b>CTW4615</b>	HW-K15	W																		●				
<b>CTWN425</b>	HW-N25	W																	●		●			
<b>CTW7120</b>	HW-M20	W												○					●				●	●
	HW-K20	W																	●				●	●

● Main application

○ Extended application

Grade designation	Standard designation	*Cutting material	Application range								Material group						Machining method							
											P	M	K	N	S	H	T	M	D	S	G	P		
			01	05	10	15	20	25	30	35	40	45	50	Steel	Stainless	Cast iron	Non-ferrous metals	Heat-resistant	Hard materials	Turning	Milling	Drilling	Thread turning	Grooving
GM127	HC-P30	C																						
	HC-M25	C																						
GM213	HC-P20	C																						
	HC-M15	C																						
	HC-K25	C																						
GM240	HC-P35	C																						
	HC-M25	C																						
GM246	HC-P40	C																						
	HC-M40	C																						
GM40	HC-P35	C																						
	HC-M30	C																						
GM43+	HC-P35	C																						
	HC-M35	C																						
GM740 **	HC-P40	C																						
	HC-M35	C																						
H10T	HW-K15	W																						
H210T	HW-M10	W																						
	HW-K10	W																						
H216T	HW-K15	W																						
S26T	HW-P20	W																						
S40T	HW-P40	W																						
	HW-M40	W																						
SR127	HC-P25	C																						
	HC-M20	C																						
	HC-K30	C																						
SR216	HC-K10	C																						
SR226	HC-P25	C																						
	HC-K20	C																						

● Main application

○ Extended application

## Grade overview

Grade designation	Standard designation	*Cutting material	Application range										Material group						Machining method					
													P	M	K	N	S	H	T	M	D	S	G	P
			01	05	10	15	20	25	30	35	40	45	50	Steel	Stainless	Cast iron	Non-ferrous metals	Heat-resistant	Hard materials	Turning	Milling	Drilling	Thread turning	Grooving
SR226+	HC-P25	C																						
	HC-M25	C																						
	HC-K20	C																						
SR735	HC-P35	C																						
	HC-M30	C																						
	HC-K35	C																						
TCC410	HC-P10	E																						
	HC-M10	E																						
	HC-K05	E																						
TCM10	HT-P15	T																						
	HT-M10	T																						
	HT-K10	T																						
TCM407	HT-P10	T																						
	HT-M05	T																						
	HT-K05	T																						
TSC30	HC-P35	P																						
	HC-M35	P																						
	HC-K30	P																						
TSM20	HW-K15	W																						
TSM30	HW-K30	W																						

● Main application

○ Extended application

Grade designation	Standard designation	*Cutting material	Application range							Material group						Machining method					
										P	M	K	N	S	H	T	M	D	S	G	P
			0	05	10	15	20	25		Steel	Stainless	Cast iron	Non-ferrous metals	Heat-resistant	Hard materials	Turning	Milling	Drilling	Thread turning	Grooving	Parting
<b>CTD4110</b>	DP-K05	D											●			●				●	
<b>CTD4125</b>	DP-K01	D											●			●					
<b>CTD4205</b>	DP-K01	D											●				●				
<b>CTI3105</b>	CN-K05	I										●		○		●					
<b>CTL3115</b>	BN-K05	L										●			●	●					
<b>CTL3215</b>	BN-K10	L										●			○		●				
<b>CTM3110</b>	CC-K10	M										●				●					
<b>CTN3105</b>	CN-K05	N										●				●	●				
<b>CTN3110</b>	CN-K10	N										●				●					
<b>CTS3105</b>	CM-K05	S										●			●	●					
<b>CTS3110</b>	CM-K10	S										●			●	●					
<b>TA100</b>	BN-K03	B										●			●	●					
<b>TA120</b>	BN-K05	B										○			●	●					
<b>TA201</b>	BN-K10	B										○		○	●	●	●				

● Main application

○ Extended application



Calculation is based on the prices valid on the day of dispatch. Our sales conditions will be applied.

If not otherwise agreed we deliver according to the current Incoterms - EXW from the logistics centre in Kempten, Germany.

The prices are valid for the stock programme. All other prices are available upon request.

We reserve the right to change the stock programme during the period of validity of the price list.

This price list replaces all previous price lists.

## Availability:

- = ex stock; subject to normal availability.
- = limited stocks or available upon requests.
- ▲ = new product
- = no longer in production, available as long as stocks last.

Without symbol: delivery time upon request

## Minimum order value:

Per order € 150.00 net

For small orders, an additional processing fee of € 15.00 will be charged.





For inserts, screws, spare parts, shims, etc. that we stock there is a minimum order quantity of 10 items per ordering description if no other packaging units are listed.

## General sales conditions:

You will receive the general sales conditions with your first order (obligatory) or upon request.

The status-quo can be viewed in the Internet at <http://www.ceratizit.com> section 'Legal information'.



-  Logistics
-  Headquarters
-  Production sites
-  Sales companies

- |   |           |             |               |
|---|-----------|-------------|---------------|
|  | <b>1</b>  | Mamer       | Luxembourg    |
|   | <b>2</b>  | Reutte      | Austria       |
|   | <b>3</b>  | Gabrovo     | Bulgaria      |
|   | <b>4</b>  | Empfingen   | Germany       |
|   | <b>5</b>  | Hitzacker   | Germany       |
|   | <b>6</b>  | Alserio     | Italy         |
|   | <b>7</b>  | Kolkata     | India         |
|   | <b>8</b>  | Livange     | Luxembourg    |
|   | <b>9</b>  | Nieder Korn | Luxembourg    |
|   | <b>10</b> | Biel        | Switzerland   |
|   | <b>11</b> | Warren      | United States |
|  | <b>12</b> | Kempen      | Germany       |

- |           |                |                                     |
|-----------|----------------|-------------------------------------|
| <b>13</b> | Reutte         | Austria                             |
| <b>14</b> | São Paulo      | Brazil                              |
| <b>15</b> | Gabrovo        | Bulgaria                            |
| <b>16</b> | Velké Meziříčí | Czech Republic<br>+ Slovakia        |
| <b>17</b> | Empfingen      | Germany                             |
| <b>18</b> | Sheffield      | United Kingdom                      |
| <b>19</b> | Budapest       | Hungary                             |
| <b>20</b> | Bangalore      | India                               |
| <b>21</b> | Chennai        | India                               |
| <b>22</b> | Pune           | India                               |
| <b>23</b> | New Dehli      | India                               |
| <b>24</b> | Alserio        | Italy                               |
| <b>25</b> | Shizuoka       | Japan                               |
| <b>26</b> | Mamer          | Luxembourg<br>+ Belgium<br>+ France |
| <b>27</b> | Querétaro      | Mexico                              |
| <b>28</b> | Roosendaal     | Netherlands                         |
| <b>29</b> | Krakow         | Poland                              |
| <b>30</b> | Madrid         | Spain<br>+ Portugal                 |
| <b>31</b> | Biel           | Switzerland                         |
| <b>32</b> | Warren         | United States<br>+ Canada           |



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hard material matters



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We reserve the right to make technical  
changes for improvement of the product.