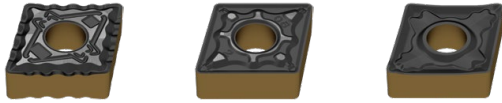


New products for machining technicians

NEW

Steel machining with the new ISO-P grades



Thanks to a CVD multilayer coating with the latest Dragonskin coating technology, the indexable inserts are ideally suited to versatile steel machining. In combination with a balanced carbide base substrate, the new grades in the ISO-P category boast a wide application area with improved wear resistance. Depending on the cutting conditions, the perfect cutting material can be selected from three grades.

NEW

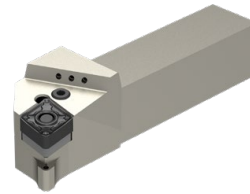
Tool holder with square shank – MaxiLock-S DC for positive indexable inserts



The new MaxiLock-S DC tool holders improve both your process security and the service life of the tool cutting edges with targeted cooling. Suitable for a wide range of positive indexable inserts.

NEW

Tool holder with square shank – MaxiLock-N DC for negative indexable inserts



Improve your machining process with precision cooling on the tool cutting edge. The cooling has a particularly efficient effect on the flank of the tool. Suitable for a wide range of negative indexable inserts using toggle clamps.



Suitable adapters for our square rotating- and grooving holders can be found in **Chapter 16 Adapters and accessories**. Available for machine interfaces VDI and BMT.

New: Adapters with HSK-T machine interface → **Chapter 16, pages 194+195**

NEW

-M23 chip breaker

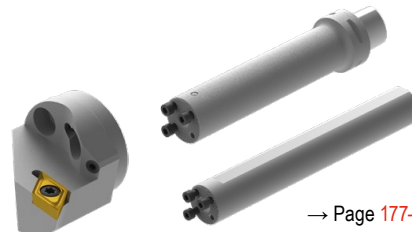


→ Page 125

Soft cutting geometry with excellent Chip breaking behavior at low cutting depths for steel machining. Available for positive round inserts in the ISO-P carbide grades.

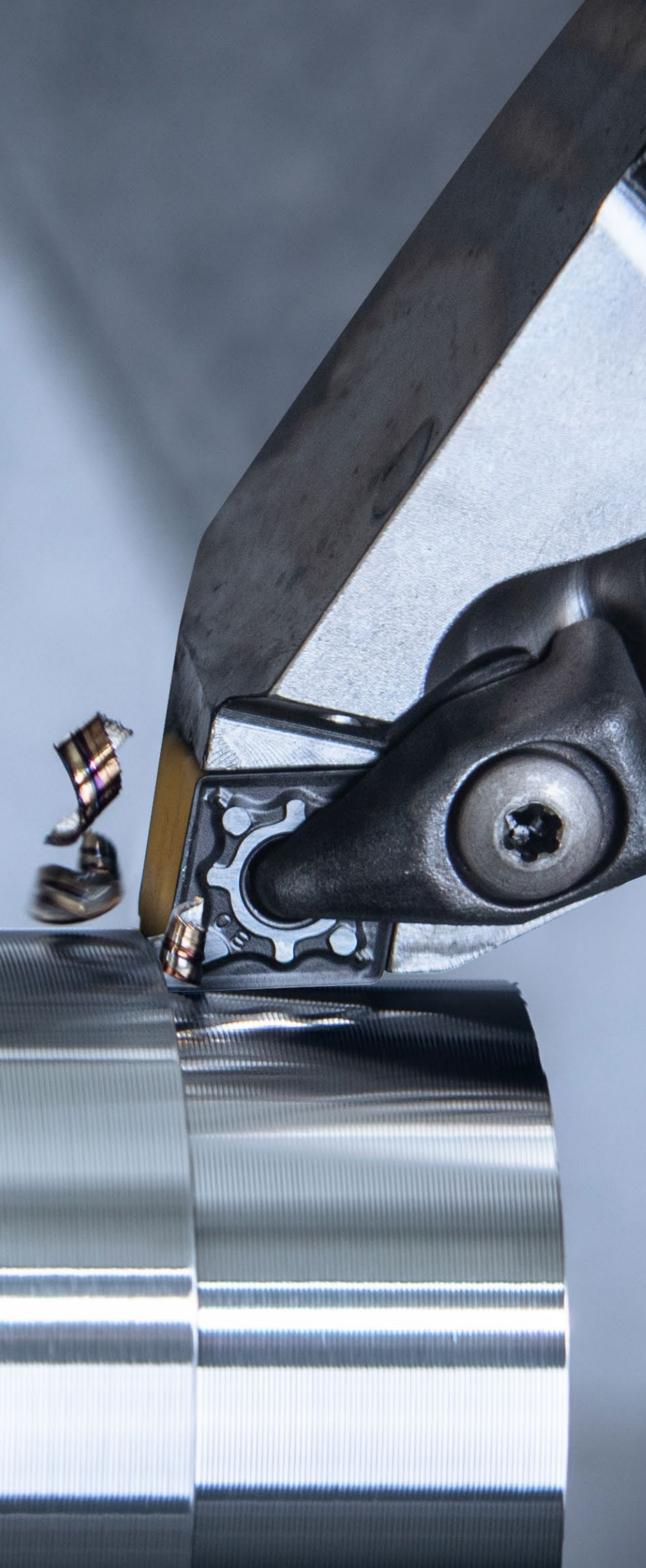
NEW

MaxiChange – Exchangeable head system



→ Page 177-192

The new actively vibration-dampened basic holder for demanding internal turning operations. Available with the Machine interface PSC, HSK-T and cylindrical shank.



Solid drilling and bore machining

- 1 HSS drilling
- 2 Solid carbide drilling
- 3 Indexable insert drilling
- 4 Reaming and Countersinking
- 5 Spindle Tooling

Threading

- 6 Taps and thread formers
- 7 Circular and Thread Milling
- 8 Thread turning

Turning

- 9 Turning Tools
- 10 Multifunctional Tools – EcoCut and FreeTurn
- 11 Grooving Tools
- 12 Miniature turning tools

Milling

- 13 HSS Milling Cutters
- 14 Solid Carbide milling cutters
- 15 Milling tools with indexable inserts

Clamping technology

- 16 Adaptors and Accessories
- 17 Workpiece clamping

- 18 Material examples and article no. Index

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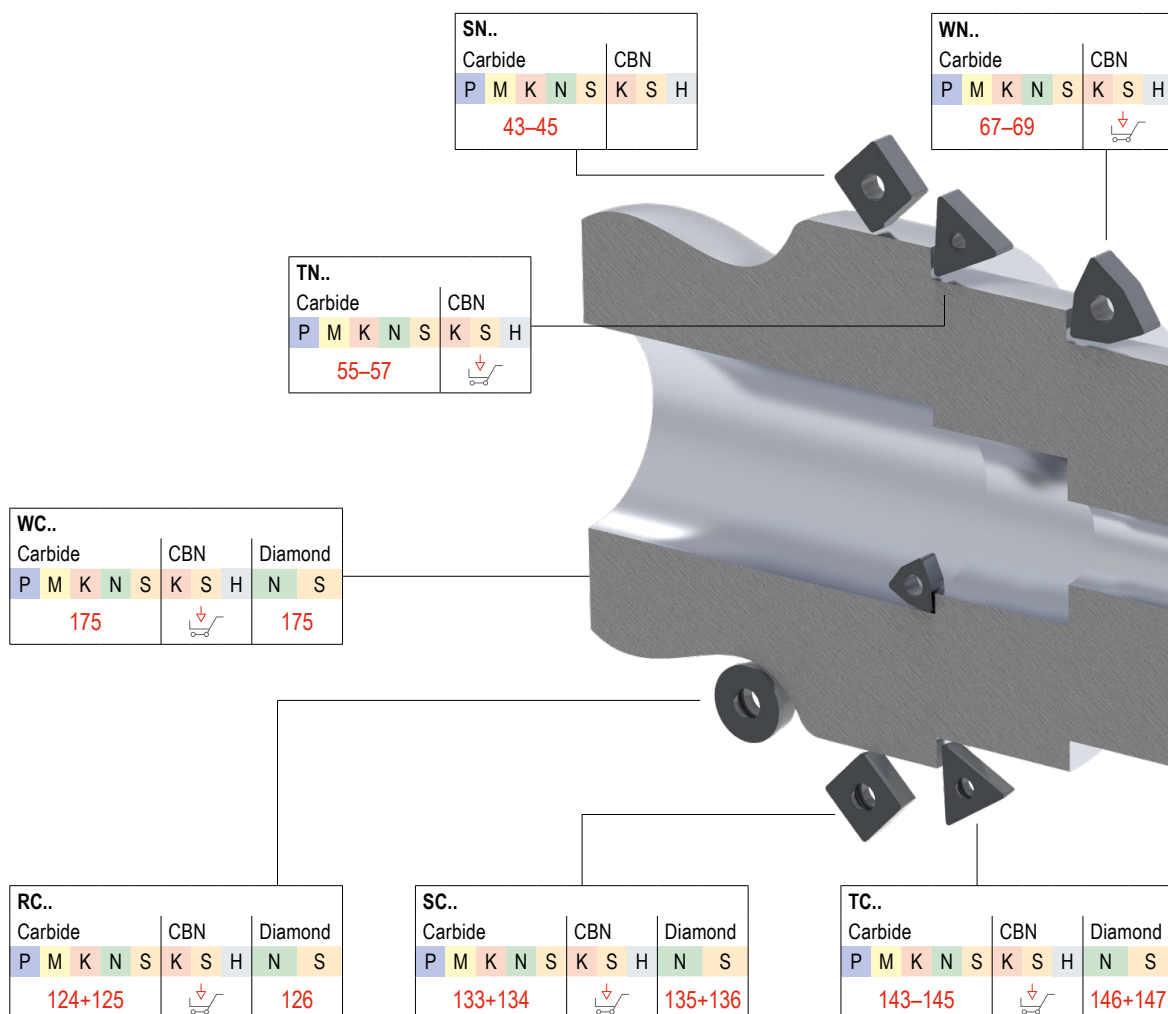
Symbol explanation	5
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CERATIZIT \ Performance

Premium quality tools for high performance.

The premium quality tools from the **CERATIZIT Performance** product line have been designed for specific applications and are distinguished by their outstanding performance. If you make high demands on the performance of your production and want to achieve the very best results, we recommend the Premium tools in this product line.

Toolfinder – Application



Symbol explanation

CTCP125-P Carbide Grade		Smooth cut		Int. coolant supply
		Irregular cutting depth		
		Interrupted cut		DirectCooling
F Fine Machining				
M Medium Machining				
R Rough Machining				

A detailed overview of grades can be found in the technical appendix on → page 228



Hard turning with PCBN indexable inserts



cts.ceratizit.com/gb/en/pcbn-indexable-inserts



The tool selection for Sliding head machines



cts.ceratizit.com/gb/en/sliding-head-turning

CN..		
Carbide	CBN	Diamond
P M K N S	K S H	N S
12-16		17

DN..		
Carbide	CBN	Diamond
P M K N S	K S H	N S
26-29		30

VN..		
Carbide	CBN	
P M K N S	K S H	
62+63		

KN..		
Carbide		
P M K N S		

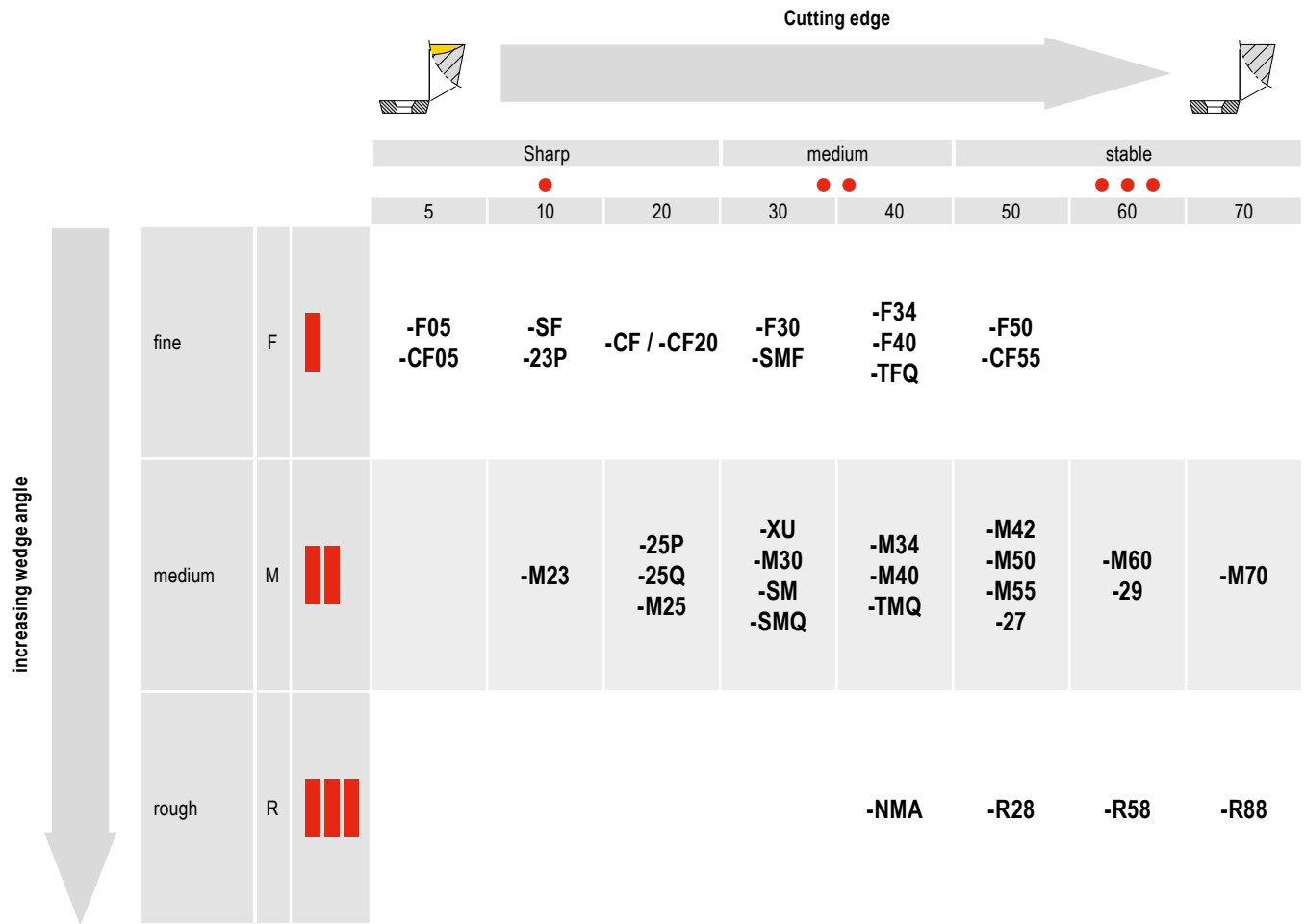
CC..		
Carbide	CBN	Diamond
P M K N S	K S H	N S
76-79		80-84

VC..		
Carbide	CBN	Diamond
P M K N S	K S H	N S
153-155		157-159

DC..		
Carbide	CBN	Diamond
P M K N S	K S H	N S
99-102		104-108

This article can be found in our online shop at cuttingtools.ceratizit.com

Chip Breakers Overview



Grade description

C T C P 1 2 5 -P (Example)

CT CERATIZIT

-P Performance

Coating

- W Uncoated carbide
- C CVD-coated carbide
- P PVD-coated carbide
- T Cermet, uncoated
- E Cermet, coated
- N Silicon nitride, uncoated
- M Silicon nitride, coated

Main application – material

- P Steel
- M Stainless steel
- K Cast iron
- N Non-ferrous metals
- S Heat-resistant
- H Tempered steel
- O Non-metal materials
- X Universal application

Application

- 1 Turning
- 2 Milling
- 3 Grooving
- 4 Drilling
- 5 Thread turning
- 6 Others
- 7 Several processes

Degree of hardness

- 05 ISO 05
- 10 ISO 10
- 15 ISO 15
- 20 ISO 20
- 25 ISO 25
- 30 ISO 30
- 35 ISO 35
- 40 ISO 40

Toolfinder – negative inserts



			Steel	Stainless steel	Cast iron	Non-ferrous metals	Heat-resistant	Tempered steel	Non-metal materials	Geometry							
			P	M	K	N	S	H	O								
Main application: Steel and cast iron	Fine	-CF / -CF20	●	○	○	○	○	○	○		12	26			55		67
		-F40	●	○	○	○	○	○	○							62	
		-F50	●	○	○	○	○	○	○		12	26		43	55	62	67
		-TFQ	●	○	○	○	○	○	○		12+13	27					67
	Medium	-XU	●	○	○	○	○	○	○		13	27				62	68
		-M40	●	○	○	○	○	○	○							62	
		-M50	●	○	○	○	○	○	○		13	27		43	55	62	68
		-TMQ	●	○	○	○	○	○	○		13	27					68
	Rough	-M70 -11, -12	●	○	○	○	○	○	○		13+14	28		44	56		68
		.NMA	●	○	○	○	○	○	○		14	28		44	56		69
		-R28	●	○	○	○	○	○	○		14	28		45	56		
		-R58	●	○	○	○	○	○	○		14+15	28+29		45	56+57		
		-R88	●	○	○	○	○	○		15			45				
Main application: Stainless	Fine	-F30	○	●	○	○	○	○		15	29		46	57	62	69	
		-M30	○	●	○	○	○	○		15	29		46	57	62+63	69	
		-42	○	●	○	○	○	○		15							
	Medium	-M42	○	●	○	○	○	○		16	29		46	57		69	
		-M60	○	●	○	○	○	○		16	29		45	57		69	
		-M70	○	●	○	○	○	○		13-15	28+29		46	57		69	
Main application: Heat-resistant	Fine	-F32	○	●	○	○	○	○									
		-F34	○	●	○	○	○	○		16						70	
	Medium	-M34	○	●	○	○	○	○		16	29		45	57	63	70	
		-M42	○	●	○	○	○	○		16	29						
		-M52	○	●	○	○	○	○									
Main application: Non-ferrous metals	Diamond	FN , FL, FR	○	○	○	○	○	○	○		17	30					

This article can be found in our online shop at cuttingtools.ceratizit.com

Toolfinder – positive inserts



			Steel	Stainless steel	Cast iron	Non-ferrous metals	Heat-resistant	Tempered steel	Non-metal materials	Geometry									
			P	M	K	N	S	H	O	CC..	DC..	RC..	SC..	SP..	TC..	TP..	VC..	WC..	
Main application: Steel and cast iron	Sharp	Fine	-CF05	●	○	○				76	99		133			143		153	
			-SF	●	○	○				76-78	99-101		133			143		153+154	175
		Medium	-CF55	●	○	○				76	99		133			143		153	
			-M23	●	○							125							
	-SMF		●	○	○				76-78	99+105	124	133			143		153+154		
	-SM		●	○	●				77+78	100	124+125	133			143		154		
	stable	-SMQ	●	○					77+78	101									
		-EN, -EL, -ER	●	○	●									↓		↓			
Main application: Stainless	Sharp	Fine	-F43	○	●		○			78	101				144				
			-M81	○	●		○			↓	↓					↓			
	Medium	-M25	○	●		●			78	101		134		144		154			
		-M55	○	●		●			78	101		133+134		144+145		154+155			
Main application: Non-ferrous metals	Sharp	Fine	-23P		○	●		○		78	102								
			-25P	●	●	○	●	●	○	78	102	125	134				155		
		Medium	-25Q	●	●	○	●	●	○	79	102						155		
			-27	●	●	○	●	●	○	79	102	125	134		145		156		
			-29	●	○	○	●		○	79	103						156		
	Diamond	-FN, -FL, -FR				●		●		80-84	104-108	126	135+136		146+147		157-159	175	
		CB1				●		●		81+84	105-108	126	135		146		158+159		
		CB2				●		●		81+84	105 107+108	126	136		147		158+159		
CB3				●		●		83	107		136		147		159				
Main application: Heat-resistant	Sharp	Fine	-F05	●	●	●	●			79	103						156		
			-F23	●	○	○	●			↓	↓						↓		

↓ This article can be found in our online shop at cuttingtools.ceratizit.com

Toolfinder – holders

Toolholders and boring bars for negative inserts



Geometry	Tool holder	Boring bars	HSK-T	PSC
CN..	18-21	24+25	22	23
DN..	31-34	41+42	34-36	37-40
SN..	47-52	54	52	
TN..	58-60	61		
VN..	64		65	65+66
WN..	71+72	74+75	73	73

Toolholders and boring bars for positive inserts



Geometry	Tool holder	Boring bars	HSK-T	PSC
CC..	85-91	94-98	92	93
DC..	109-115	119-123	116	117+118
RC..	127-131		132	
SC..	137-141	142		
TC..	148-151	152		
VC..	160-168	172-174	168-170	170+171
WC..		176		

MaxiChange – Overview of the product range

As the MaxiChange exchangeable head system is modular, it is extremely flexible and can be used for a variety of applications thanks to the wide selection of exchangeable heads. On top of these advantages, the MaxiChange GX also includes a grooving function for internal and external machining as well as axial and radial machining.

Exchangeable heads

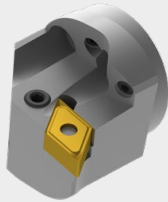
For negative inserts

PCLN 95°



187

PDUN 93°



187

PDQN 107,5°



188

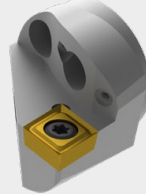
PWLN 95°



188

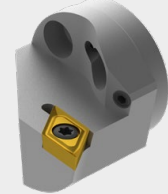
For positive inserts

SCLC 95°



189

SDUC 93°



189

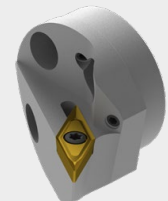
NEW

SDQC 107,5°



190

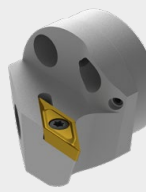
SVPC 117,5°



190

NEW

SVUC 93°



191

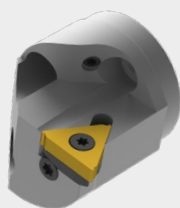
NEW

SVQC 107,5°



191

For internal thread



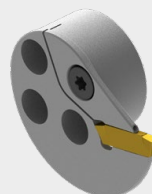
192

→ Chapter 11 – Grooving tools

For radial grooving

NEW

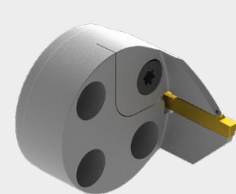
GX 16



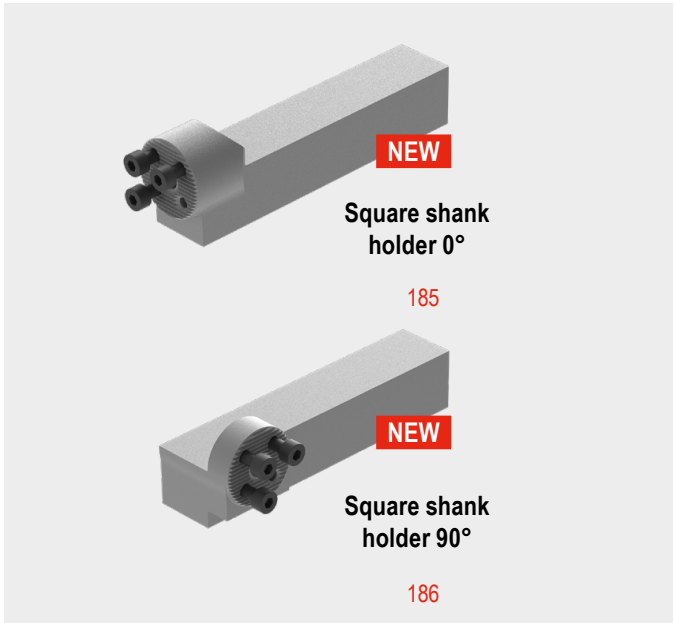
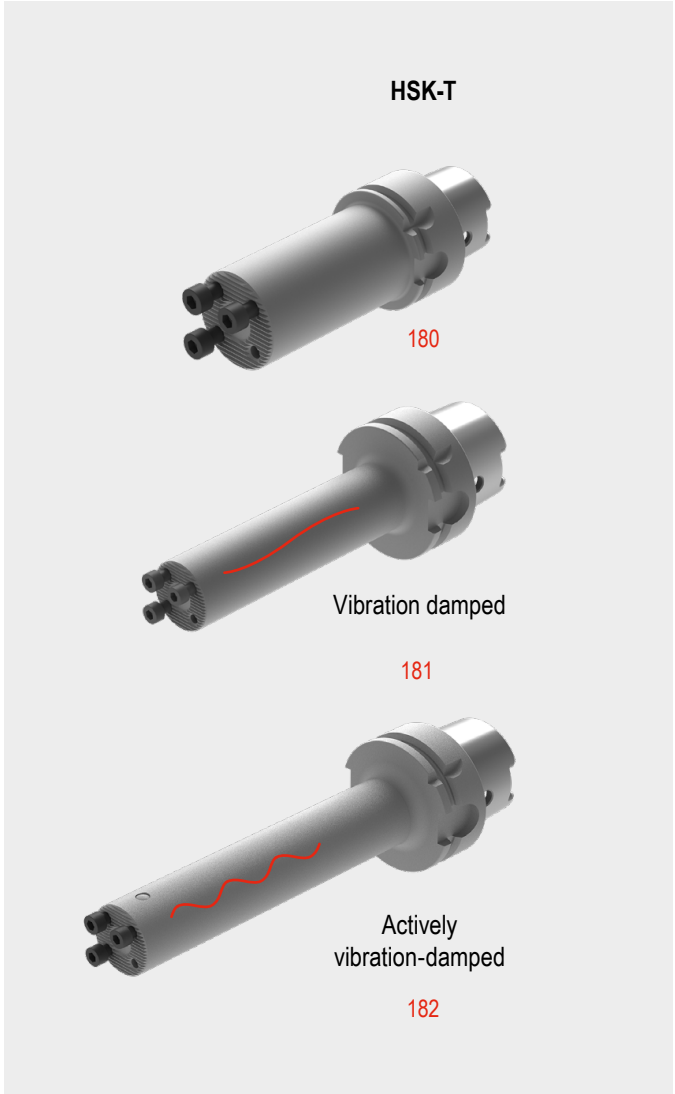
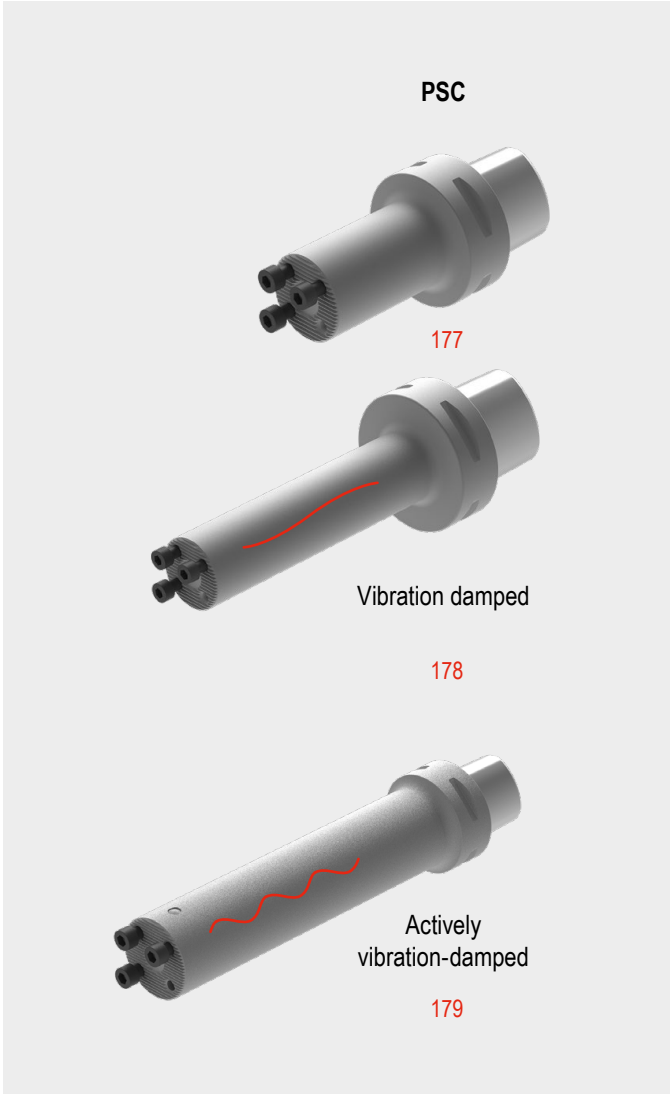
For axial grooving

NEW

GX 24

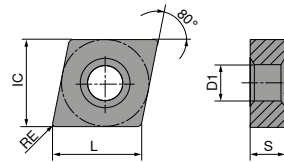


Tool holder



CNMG / CNMA / CNMM

Designation	L mm	S mm	D1 mm	IC mm
CNMG 0903..	9.7	3.18	3.81	9.52
CNM. 1204..	12.9	4.76	5.16	12.70
CNM. 1606..	16.1	6.35	6.35	15.87
CNM. 1906..	19.3	6.35	7.94	19.05
CNMM 2509..	25.8	9.52	9.12	25.40



CNMG

		-CF TCM10		-CF20 CTEP110		-TFQ CTEP110		NEW -F50 CTCP115-P		NEW -F50 CTCP125-P		NEW -F50 CTCP135-P		NEW -TFQ CTCP115-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F		F		F		F		F		F		F	
		CERMET CNMG		CERMET CNMG		CERMET CNMG		CNMG		CNMG		CNMG		CNMG	
		70 101 ...		76 101 ...		76 110 ...		76 132 ...		76 132 ...		76 132 ...		76 110 ...	
ISO	RE mm	£		£		£		£		£		£		£	
090304EN	0.4	1A/78		1A/78		1A/78		1A/08	8.98 31601	9.03 51601	8.98 71601				
090308EN	0.8							8.98 31801	9.03 51801	8.98 71801					
120404EN	0.4	11.73	904	12.24	028	14.22	028	13.84 32801	13.84 52801	13.84 72801	15.86	32801			
120408EN	0.8	11.73	908	12.24	030	14.22	030	13.84 33001	13.84 53001	13.84 73001	15.86	33001			
120412EN	1.2					14.22	032	13.84 33201	13.84 53201	13.84 73201	15.86	32001			
P			●		●		●		●		●		●		●
M			○		○		○		○		○		○		○
K			○		○		○		○		○		○		○
N															
S															
H															
O															

CNMG

		NEW		NEW		NEW				NEW		NEW			
		-TFQ CTCP125-P		-XU CTCP115-P		-XU CTCP125-P		-M50 CTCK110		-M50 CTCK120		-M50 CTCP115-P		-M50 CTCP125-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F CNMG		M CNMG		M CNMG		M CNMG		M CNMG		M CNMG		M CNMG	
		76 110 ...		76 290 ...		76 290 ...		70 132 ...		70 132 ...		76 135 ...		76 135 ...	
ISO	RE mm	£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08	
120404EN	0.4	15.86	52801	13.88	32801	13.88	52801	13.84	028	13.84	530	13.84	32801	13.84	52801
120408EN	0.8	15.86	53001	13.88	33001	13.88	53001	13.84	030	13.84	530	13.84	33001	13.84	53001
120412EN	1.2	15.86	53201	13.88	33201	13.88	53201	13.84	032	13.84	532	13.84	32001	13.84	53201
120416EN	1.6									13.84	532	13.84	33401	13.84	53401
160608EN	0.8									22.35	34201	22.35	34201	22.35	54201
160612EN	1.2									22.35	34401	22.35	34401	22.35	54401
160616EN	1.6									22.35	34601	22.35	34601	22.35	54601
P			●		●		●		○		○		●		●
M															
K			○		○		○		●		●		○		○
N															
S															
H															
O															

9

CNMG

		NEW		NEW		NEW				NEW		NEW			
		-M50 CTCP135-P		-TMQ CTCP115-P		-TMQ CTCP125-P		-M70 CTCK110		-M70 CTCK120		-M70 CTCP115-P		-M70 CTCP125-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M CNMG		M CNMG		M CNMG		M CNMG		M CNMG		M CNMG		M CNMG	
		76 135 ...		76 196 ...		76 196 ...		70 119 ...		70 119 ...		76 119 ...		76 119 ...	
ISO	RE mm	£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08	
120404EN	0.4	13.84	72801					13.84	030	13.84	530	13.84	33001	13.84	53001
120408EN	0.8	13.84	73001	16.32	33001	15.86	53001	13.84	032	13.84	532	13.84	32001	13.84	53201
120412EN	1.2	13.84	73201	15.86	32001	15.86	53201	13.84	034	13.84	534	13.84	33401	13.84	53401
120416EN	1.6	13.84	73401							13.84	534	13.84	33401	13.84	53401
160608EN	0.8	22.35	74201					22.35	042	22.35	542	22.35	34201	22.35	54201
160612EN	1.2	22.35	74401					22.35	044	22.35	544	22.35	34401	22.35	54401
160616EN	1.6	22.35	74601					22.35	046	22.35	546	22.35	34601	22.35	54601
160624EN	2.4									22.35	546	22.35	34801	22.35	54801
190608EN	0.8									31.57	35401	31.57	35401	31.57	55401
190612EN	1.2							31.57	056	31.57	556	31.57	35601	31.57	55601
190616EN	1.6							31.57	058	31.57	558	31.57	35801	31.57	55801
190624EN	2.4									31.57	558	31.57	36001	31.57	56001
P			●		●		●		○		○		●		●
M			○												
K					○		○		●		●		○		○
N															
S															
H															
O															

CNMG / CNMA / CNMM

		NEW				NEW		NEW		NEW		NEW			
		-M70		CTCK110		CTCK120		-R28		-R28		-R28		-R58	
		CTCP135-P		CTCP115-P		CTCP125-P		CTCP135-P		CTCP115-P		CTCP135-P		CTCP115-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M		R		R		R		R		R		R	
		CNMG		CNMA		CNMA		CNMM		CNMM		CNMM		CNMM	
		76 119 ...		70 100 ...		70 100 ...		76 114 ...		76 114 ...		76 114 ...		76 115 ...	
ISO	RE mm	£		£		£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
120404EN	0.4			13.84	028	13.84	528							14.09	33001
120408EN	0.8	13.84	73001	13.84	030	13.84	530	14.09	33001	14.09	53001			14.09	33001
120412EN	1.2	13.84	73201	13.84	032	13.84	532	14.09	33201	14.09	53201	14.09	73201	14.09	33201
120416EN	1.6	13.84	73401	13.84	034	13.84	534	14.09	33401	14.09	53401	14.09	73401	14.09	33401
160608EN	0.8	22.35	74201	22.35	042	22.35	542								
160612EN	1.2	22.35	74401	22.35	044	22.35	544	22.35	34401	22.35	54401	22.35	74401	22.35	34401
160616EN	1.6	22.35	74601	22.35	046	22.35	546	22.35	34601	22.35	54601	22.35	74601	22.35	34601
160624EN	2.4	22.35	74801											22.35	34801
190608EN	0.8	31.57	75401												
190612EN	1.2	31.57	75601	31.57	056	31.57	556	31.57	35601	31.57	55601	31.57	75601	31.57	35601
190616EN	1.6	31.57	75801	31.57	058	31.57	558	31.57	35801	31.57	55801	31.57	75801	31.57	35801
190624EN	2.4	31.57	76001					31.57	36001	31.57	56001	31.57	76001	31.57	36001
250924EN	2.4							72.88	38401	72.88	58401	72.88	78401	72.88	38401
P			●		○		○		●		●		●		●
M			○										○		
K					●		●		○		○				○
N															
S															
H															
O															

CNMM

		NEW		NEW		NEW		NEW		NEW	
		-R58 CTCP125-P		-R58 CTCP135-P		-R88 CTCP115-P		-R88 CTCP125-P		-R88 CTCP135-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		R CNMM		R CNMM		R CNMM		R CNMM		R CNMM	
		76 115 ...		76 115 ...		76 133 ...		76 133 ...		76 133 ...	
ISO	RE mm	£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08	
120408EN	0.8	14.09	53001	14.09	73001						
120412EN	1.2	14.09	53201	14.09	73201						
120416EN	1.6	14.09	53401	14.09	73401						
160612EN	1.2	22.35	54401	22.35	74401						
160616EN	1.6	22.35	54601	22.35	74601						
160624EN	2.4	22.35	54801	22.35	74801						
160624SN	2.4					22.35	34801	22.35	54801	22.35	74801
190612EN	1.2	31.57	55601	31.57	75601						
190616EN	1.6	31.57	55801	31.57	75801						
190616SN	1.6					31.57	35801	31.57	55801	31.57	75801
190624EN	2.4	31.57	52401	31.57	76001						
190624SN	2.4					31.57	36001	31.57	56001	31.57	76001
250924EN	2.4	72.88	58401	72.88	78401						
250924SN	2.4					72.88	38401	72.88	58401	72.88	78401
P			●		●		●		●		●
M					○						○
K			○				○		○		
N											
S											
H											
O											

9

CNMG

		-F30 CTCM120		-F30 CTPM125		-F30 CTCM130		-M30 CTCM120		-M30 CTPM125		-M30 CTCM130	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F CNMG		F CNMG		F CNMG		M CNMG		M CNMG		M CNMG	
		75 010 ...		75 010 ...		75 010 ...		75 011 ...		75 011 ...		75 011 ...	
ISO	RE mm	£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08	
120404EN	0.4	13.84	12800	13.84	280	13.84	32800						
120408EN	0.8	13.84	13000	13.84	230	13.84	33000	13.84	13000	13.84	230	13.84	33000
120412EN	1.2							13.84	13200	13.84	232	13.84	33200
120416EN	1.6							13.84	13400	13.84	234	13.84	33400
P			○		○		○		○		○		○
M			●		●		●		●		●		●
K													
N													
S							○						○
H													
O													

CNMG

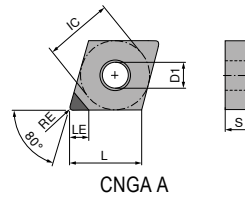
		NEW		NEW				NEW					
		-42 CTCM130		-M42 CTCM130		-M60 CTCM120		-M60 CTPM125		-M60 CTCM130		-M70 CTCM130	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M CNMG		M CNMG		M CNMG		M CNMG		M CNMG		M CNMG	
		75 030 ...		75 029 ...		75 012 ...		75 012 ...		75 012 ...		75 037 ...	
ISO	RE mm	£		£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
120404EN	0.4			14.25	32800								
120408EN	0.8	14.26	33000	14.25	33000	13.84	13000	13.84	230	13.84	33000	14.26	33000
120412EN	1.2			14.25	33200	13.84	13200	13.84	232	13.84	33200	14.26	33200
120416EN	1.6					13.84	13400	13.84	234	13.84	33400		
160612EN	1.2					23.03	14400	23.03	24400	23.03	34400	23.03	34400
190612EN	1.2											32.52	35600
190616EN	1.6											32.52	35800
P			○		○		○		○		○		○
M			●		●		●		●		●		●
K													
N													
S			○		○						○		○
H													
O													

CNMG

		NEW				NEW	
		-F34 CTPX710		-M34 CTPX710		-M42 CTPX710	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F CNMG		M CNMG		M CNMG	
		75 299 ...		75 003 ...		75 007 ...	
ISO	RE mm	£		£		£	
		1A/08		1A/08		1A/08	
120404EN	0.4	13.62	62800	13.02	62800		
120408EN	0.8	13.62	63000	13.02	63000	15.57	63000
120412EN	1.2	13.62	63200	13.02	63200	15.57	63200
120416EN	1.6			13.02	63400		
P			●		●		●
M			●		●		●
K							
N			○		○		○
S			●		●		●
H							
O							

CNGA

Designation	L mm	S mm	D1 mm	IC mm
CNGA 1204..	12.9	4.76	5.13	12.7



CNGA

▲ TCE(NOI) = Design and number of equipped cutting edge corners

CTDPD20	CTDPS30
F	F
DIAMOND CNGA	DIAMOND CNGA
71 127 ...	71 127 ...
£ Y0	£ Y0
106.96 10001	106.96 20001
106.96 10101	106.96 20101
121.38 10201	121.38 20201

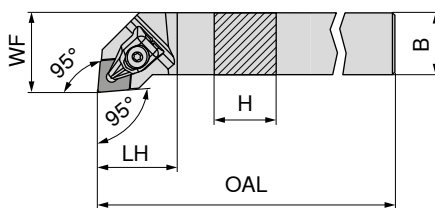
ISO	RE mm	TCE (NOI)	LE mm
120404FN	0.4	A (1)	6.3
120408FN	0.8	A (1)	6.0
120412FN	1.2	A (1)	5.7

P		
M		
K		
N		•
S		•
H		
O		•

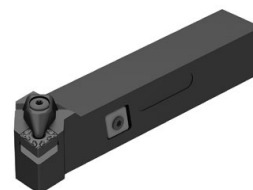
MaxiLock-D – DCLN 95° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
								£		£	
DCLN R/L 1616 H09	16	16	100	23	20	2	CN.. 0903	2A/24		2A/24	
DCLN R/L 2020 K09	20	20	125	24	25	2	CN.. 0903	92.43	516	92.43	516
DCLN R/L 2020 K12	20	20	125	32	25	4	CN.. 1204	102.99	520	102.99	520
DCLN R/L 2525 M12	25	25	150	32	32	4	CN.. 1204	102.99	620	102.99	620
DCLN R/L 3225 P12	32	25	170	32	32	4	CN.. 1204	106.53	625	106.53	625
DCLN R/L 3225 P16	32	25	170	32	32	4	CN.. 1204	114.27	632	114.27	632
DCLN R/L 2525 M16	25	25	150	38	32	6.5	CN.. 1606	106.53	625	106.53	625
DCLN R/L 3232 P16	32	32	170	36	40	6.5	CN.. 1606	106.53	725	106.53	725
DCLN R/L 3232 P19	32	32	170	42	40	6.5	CN.. 1906	143.86	732	143.86	732
DCLN R/L 4040 S19	40	40	250	42	50	6.5	CN.. 1906	143.86	832	143.86	832
DCLN R/L 4040 S25	40	40	250	60	50	6.5	CN.. 2509	178.85	940	178.85	940
								178.85	440	178.85	440

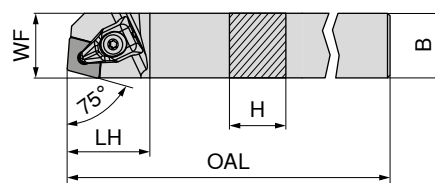
Spare parts for Article no.

	£		£		£		£
70 508 516 / 70 509 516	2A/28	823	Y7	19.68	126	M3x7 - IP	3.79 819
70 508 520 / 70 509 520	29.18	823	19.68	126	M3x7 - IP	3.79 819	8.61 848
70 508 620 / 70 509 620	28.78	824	21.01	128	M4,5x12 - IP	3.62 820	9.56 810
70 508 625 / 70 509 625	28.78	824	21.01	128	M4,5x12 - IP	3.62 820	9.56 810
70 508 632 / 70 509 632	28.78	824	21.01	128	M4,5x12 - IP	3.62 820	9.56 810
70 508 725 / 70 509 725	32.31	825	22.06	129	M5x14 - IP	5.13 821	14.59 814
70 508 732 / 70 509 732	32.31	825	22.06	129	M5x14 - IP	5.13 821	14.59 814
70 508 832 / 70 509 832	35.35	826	22.06	129	M5x14 - IP	5.13 821	15.64 816
70 508 940 / 70 509 940	35.35	826	22.06	129	M5x14 - IP	5.13 821	15.64 816
70 508 440 / 70 509 440	55.07	827	17.97	122	M6x16 - IP	9.73 822	29.98 625

MaxiLock-D – DCBN 75° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
								£		£	
DCBN R/L 2525 M12	25	25	150	32	22	4	CN.. 1204	2A/24		2A/24	
								102.99	825	102.99	825

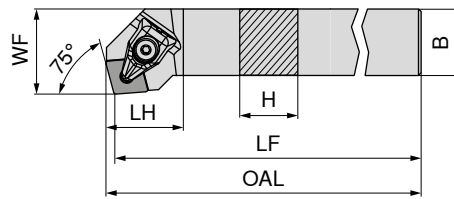
Spare parts for Article no.

	£		£		£		£
70 501 825 / 70 500 825	2A/28	824	Y7	21.01	128	M4,5x12 - IP	3.62 820
	28.78	824	21.01	128	M4,5x12 - IP	3.62 820	9.56 810

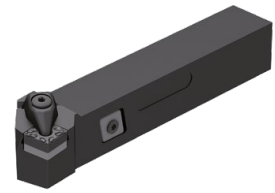
MaxiLock-D – DCKN 75° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



ISO designation	H mm	B mm	OAL mm	LF mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand 70 505 ... £ 2A/24 102.99 825	Right-hand 70 504 ... £ 2A/24 102.99 825
DCKN R/L 2525 M12	25	25	152.9	150	28.9	32	4	CN.. 1204		

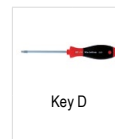
Spare parts
for Article no.

70 505 825 / 70 504 825



XPRESS type

70 950 ...	£ 2A/28 28.78 824
------------	-------------------------



Key D

80 950 ...	£ Y7 21.01 128
------------	----------------------



Clamping screw

70 950 ...	£ 2A/28 3.62 820
------------	------------------------



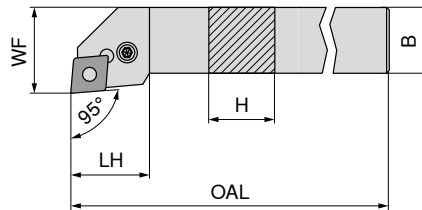
Carbide type C

70 950 ...	£ 2A/28 9.56 810
------------	------------------------

MaxiLock-N – PCLN 95° – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions



ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand 70 509 ... £ 2A/24 92.43 016 102.99 020 106.53 025 114.27 032 106.53 125 143.86 132 143.86 232 178.85 54000 178.85 340	Right-hand 70 508 ... £ 2A/24 92.43 016 102.99 020 106.53 025 114.27 032 106.53 125 143.86 132 143.86 232 178.85 54000 178.85 340
PCLN R/L 1616 H12	16	16	100	26.2	20	4	CN.. 1204		
PCLN R/L 2020 K12	20	20	125	27.5	25	4	CN.. 1204		
PCLN R/L 2525 M12	25	25	150	28.1	32	4	CN.. 1204		
PCLN R/L 3225 P12	32	25	170	28.1	32	4	CN.. 1204		
PCLN R/L 2525 M16	25	25	150	32.7	32	4	CN.. 1606		
PCLN R/L 3232 P16	32	32	170	32.6	40	4	CN.. 1606		
PCLN R/L 3232 P19	32	32	170	38.0	40	8	CN.. 1906		
PCLN R/L 4040 S19	40	40	250	38.0	50	8	CN.. 1906		
PCLN R/L 4040 S25	40	40	250	50.0	50	8	CN.. 2509		

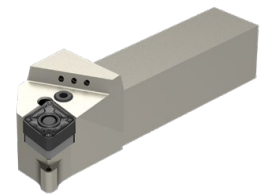
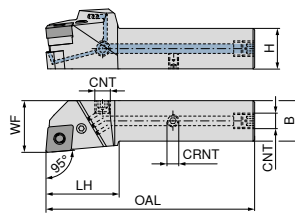
Spare parts
for Article no.

Article no.	Key I	Shim	Assembly pin	Lever	Clamping screw	Carbide type C	
70 508 016 / 70 509 016	SW3	2.97 176	2.13 198	1.49 192	15.25 187	4.24 209	9.56 233
70 508 020 / 70 509 020	SW3	2.97 176	2.13 198	1.49 192	15.25 187	4.24 209	9.56 233
70 508 025 / 70 509 025	SW3	2.97 176	2.13 198	1.49 192	15.25 187	4.24 209	9.56 233
70 508 032 / 70 509 032	SW3	2.97 176	2.13 198	1.49 192	15.25 187	4.24 209	9.56 233
70 508 125 / 70 509 125	SW3	2.97 176	1.34 391	1.49 394	15.13 385	4.59 388	15.13 380
70 508 132 / 70 509 132	SW3	2.97 176	1.34 391	1.49 394	15.13 385	4.59 388	15.13 380
70 508 232 / 70 509 232	SW4	3.13 396	2.13 392	1.49 395	23.14 386	4.59 389	23.26 381
70 508 54000 / 70 509 54000	SW4	3.13 396	2.13 392	1.49 395	23.14 386	4.59 389	23.26 381
70 508 340 / 70 509 340	SW5	4.47 265	1.34 621	2.30 623	31.27 620	2.75 622	29.98 624

MaxiLock-N – PCLN 95° DC – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

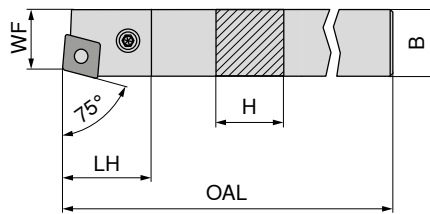
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CNT	CRNT	torque moment Nm	Insert	NEW Left-hand		NEW Right-hand	
										70 592 ... £	02000	70 592 ... £	02001
PCLN R/L 2020 X12-T DC	20	20	109	40	25	G1/8"	M6	4	CN.. 1204	207.80	02000	207.80	02001
PCLN R/L 2525 X12-T DC	25	25	124	40	32	G1/8"	M6	4	CN.. 1204	218.74	02500	218.74	02501
PCLN R/L 3225 X12-T DC	32	25	140	40	32	G1/8"	M6	4	CN.. 1204	229.68	03200	229.68	03201
PCLN R/L 2525 X16-T DC	25	25	129	45	32	G1/8"	M6	4	CN.. 1606	218.74	12500	218.74	12501
PCLN R/L 3232 X16-T DC	32	32	145	45	40	G1/8"	M6	4	CN.. 1606	240.62	13200	240.62	13201
PCLN R/L 3232 X19-T DC	32	32	150	50	40	G1/8"	M6	8	CN.. 1906	240.62	23200	240.62	23201
PCLN R/L 4040 X19-T DC	40	40	175	50	48	G1/8"	M6	8	CN.. 1906	262.51	04000	262.51	04001
PCLN R/L 4040 X25-T DC	40	40	185	60	48	G1/8"	M6	8	CN.. 2509	262.51	14000	262.51	14001

Spare parts for Article no.	Key I		Shim		Assembly pin		Coolant screw plug		Lever		Clamping screw		Carbide type C		Grubscrew	
	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...
70 592 02000 / 70 592 02001	2.97	176	2.13	198	1.49	192	4.31	294	15.25	187	4.24	209	9.56	233	3.51	86700
70 592 02500 / 70 592 02501	2.97	176	2.13	198	1.49	192	4.31	294	15.25	187	4.24	209	9.56	233	3.51	86700
70 592 03200 / 70 592 03201	2.97	176	2.13	198	1.49	192	4.31	294	15.25	187	4.24	209	9.56	233	3.51	86700
70 592 12500 / 70 592 12501	2.97	176	1.34	391	1.49	394	4.31	294	15.13	385	4.59	388	15.13	380	3.51	86700
70 592 13200 / 70 592 13201	2.97	176	1.34	391	1.49	394	4.31	294	15.13	385	4.59	388	15.13	380	3.51	86700
70 592 23200 / 70 592 23201	3.13	396	2.13	392	1.49	395	4.31	294	23.14	386	4.59	389	23.26	381	3.51	86700
70 592 04000 / 70 592 04001	3.13	396	2.13	392	1.49	395	4.31	294	23.14	386	4.59	389	23.26	381	3.51	86700
70 592 14000 / 70 592 14001	4.47	265	1.34	621	2.30	623	4.31	294	31.27	620	2.75	622	29.98	624	3.51	86700

MaxiLock-N – PCBN 75° – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions



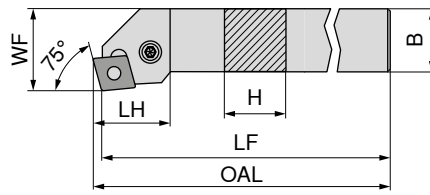
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
								70 501 ... £	025	70 500 ... £	025
PCBN R/L 2525 M12	25	25	150	27.70	22	4	CN.. 1204	102.99	025	102.99	025
PCBN R/L 2525 M16	25	25	150	31.81	22	4	CN.. 1606	102.99	12500	102.99	125
PCBN R/L 3232 P19	32	32	170	38.00	27	8	CN.. 1906	143.86	032	143.86	032

Spare parts for Article no.	Key I		Shim		Assembly pin		Lever		Clamping screw		Carbide type C	
	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...
70 500 025 / 70 501 025	2.97	176	2.13	198	1.49	192	15.25	187	4.24	209	9.56	233
70 500 125 / 70 501 12500	2.97	176	1.34	391	1.49	394	15.13	385	4.59	388	15.13	380
70 500 032 / 70 501 032	3.13	396	2.13	392	1.49	395	23.14	386	4.59	389	23.26	381

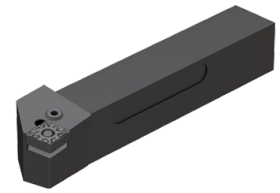
MaxiLock-N – PCKN 75° – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions



ISO designation	H mm	B mm	OAL mm	LF mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand 70 505 ...	Right-hand 70 504 ...
PCKN R/L 2525 M12	25	25	153.07	150	31.4	32	4	CN.. 1204	£ 2A/24 102.99	£ 2A/24 102.99
									025	025

**Spare parts
for Article no.**

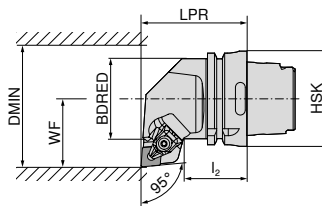
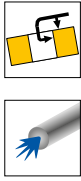
70 505 025 / 70 504 025

Key I	Shim	Assembly pin	Lever	Clamping screw	Carbide type C
70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28 2.97	£ 2A/28 2.13	£ 2A/28 1.49	£ 2A/28 15.25	£ 2A/28 4.24	£ 2A/28 9.56
176	198	192	187	209	233

MaxiLock-D – DCLN 95° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



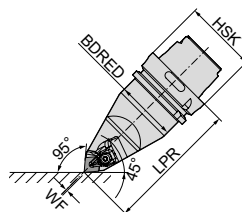
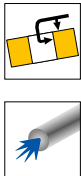
ISO designation	Adapter	LPR mm	l ₂ mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 74 504 ...		Right-hand 74 503 ...	
									£ 2D/80	£	£ 2D/80	£
HSK T63 DCLN R/L 12	HSK-T 63	70	42	53	45	100	4	CN.. 1204	415.94	512	415.94	512
HSK T63 DCLN R/L 16	HSK-T 63	70	42	53	45	125	4	CN.. 1606	415.94	516	415.94	516
HSK T63 DCLN R/L 19	HSK-T 63	70	42	53	45	125	8	CN.. 1906	415.94	519	415.94	519
HSK T100 DCLN R/L 12	HSK-T 100	80	45	88	55	125	4	CN.. 1204	488.29	712	488.29	712
HSK T100 DCLN R/L 19	HSK-T 100	80	45	88	55	125	8	CN.. 1906	488.29	719	488.29	719

Spare parts for Article no.	XPress type		Key D		Clamping screw		Carbide type C	
	£ 2A/28	£	£ Y7	£	£ 2A/28	£	£ 2A/28	£
74 504 512 / 74 503 512	28.78	824	21.01	128	3.62	820	9.56	810
74 504 516 / 74 503 516	32.31	825	22.06	129	5.13	821	14.59	814
74 504 519 / 74 503 519	35.35	826	22.06	129	5.13	821	15.64	816
74 504 712 / 74 503 712	28.78	824	21.01	128	3.62	820	9.56	810
74 504 719 / 74 503 719	35.35	826	22.06	129	5.13	821	15.64	816

MaxiLock-D – DCMN 95° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



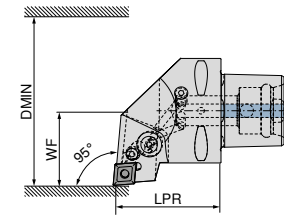
ISO designation	Adapter	LPR mm	BDRED mm	WF mm	torque moment Nm	Insert	Neutral 74 506 ...	
							£ 2D/80	£
HSK T63 DCMN N 12	HSK-T 63	115	53	0	4	CN.. 1204	570.59	512
HSK T100 DCMN N 12	HSK-T 100	150	88	0	4	CN.. 1204	671.12	712

Spare parts for Article no.	XPress type		Key D		Clamping screw		Carbide type C	
	£ 2A/28	£	£ Y7	£	£ 2A/28	£	£ 2A/28	£
74 506 512	28.78	824	21.01	128	3.62	820	9.56	810
74 506 712	28.78	824	21.01	128	3.62	820	9.56	810

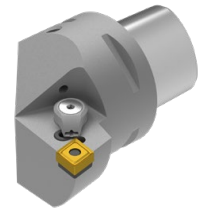
MaxiLock-N – PCLN 95° – Toolholder with lever clamping

Scope of supply:

without high-performance coolant set



Illustrations show right-hand versions



ISO designation	Adapter	LPR mm	WF mm	DMIN mm	torque moment Nm	Insert	Direct cooling compatible	Left-hand		Right-hand	
								£	Y8	£	Y8
PSC40 PCLN R/L 50050-12	PSC 40	50	27	50	5	CN.. 1204	DC	635.36	01295	635.36	01295
PSC50 PCLN R/L 65060-12	PSC 50	60	35	65	5	CN.. 1204	DC	699.54	01294	699.54	01294
PSC63 PCLN R/L 80065-12	PSC 63	65	45	80	5	CN.. 1204	DC	794.19	01293	794.19	01293

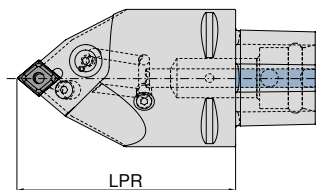
The high-performance coolant set with article number **84 950 27400** can be ordered as an optional extra → **Page 40.**

Spare parts for Article no.	Shim	Elbow lever screw	Lever	Carbide type C
	£	£	£	£
84 656 01295 / 84 657 01295	3.22 29200	12.55 28700	37.25 29000	36.36 27800
84 656 01294 / 84 657 01294	3.22 29200	12.55 28700	37.25 29000	36.36 27800
84 656 01293 / 84 657 01293	3.22 29200	12.55 28700	37.25 29000	36.36 27800

MaxiLock-N – PCMN 50° – Toolholder with lever clamping

Scope of supply:

without high-performance coolant set



ISO designation	Adapter	LPR mm	torque moment Nm	Insert	Direct cooling compatible	Neutral	
						£	Y8
PSC63 PCMN N 0100-12	PSC 63	100	5	CN.. 1204	DC	794.19	01293
PSC63 PCMN N 0130-12	PSC 63	130	5	CN.. 1204	DC	794.19	11293

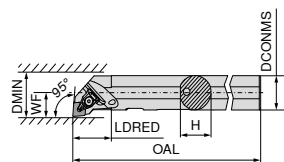
The high-performance coolant set with article number **84 950 27400** can be ordered as an optional extra → **Page 40.**

Spare parts for Article no.	Shim	Elbow lever screw	Lever	Carbide type C
	£	£	£	£
84 675 01293	3.22 29200	12.55 28700	37.25 29000	36.36 27800
84 675 11293	3.22 29200	12.55 28700	37.25 29000	36.36 27800

MaxiLock-D – DCLN 95° – Boring bar with top clamping

Scope of supply:

Boring bar with Torx key



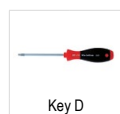
Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£		£	
A20Q DCLN R/L 09	20	19	180	35	13	25	2	CN.. 0903	241.46	720	241.46	720
A25R DCLN R/L 12	25	24	200	36	17	32	4	CN.. 1204	269.08	825	269.08	825
A32S DCLN R/L 12	32	31	250	40	22	40	4	CN.. 1204	278.30	832	278.30	832
A40T DCLN R/L 12	40	39	300	45	27	50	4	CN.. 1204	310.02	840	310.02	840
A40U DCLN L 16	50	47	350	45	35	63	6,5	CN.. 1606	383.64	85000		



XPress type



Key D



Clamping screw



Carbide type C

Spare parts

for Article no.

Article no.	£		Article no.	£		Article no.	£		Article no.	£		
70 556 720 / 70 557 720	29.18	823	T09 - IP	19.68	126	M3x7 - IP	3.79	819	70 950 ...	2A/28	8.61	848
70 556 825 / 70 557 825	28.78	824	T15 - IP	21.01	128	M4,5x12 - IP	3.62	820				
70 556 832 / 70 557 832	28.78	824	T15 - IP	21.01	128	M4,5x12 - IP	3.62	820			9.56	810
70 556 840 / 70 557 840	28.78	824	T15 - IP	21.01	128	M4,5x12 - IP	3.62	820			9.56	810
70 557 85000	32.31	825	T20 - IP	22.06	129	M5x14 - IP	5.13	821			14.59	814

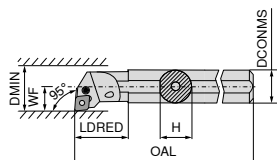
MaxiLock-N – PCLN 95° – Boring bar with lever clamping

▲ A... = with thro' coolant

▲ S... = without thro' coolant

Scope of supply:

Boring bar with Allen key

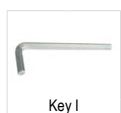


Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£		£	
A25R PCLN R/L 12	25	23	200	36.0	17	32	4	CN.. 1204	269.08	225	269.08	225
S25T PCLN R/L 12	25	23	300	22.0	17	32	4	CN.. 1204	269.08	025	269.08	025
A32S PCLN R/L 12	32	30	250	50.0	22	40	4	CN.. 1204	278.30	232	278.30	232
S32U PCLN R/L 12	32	30	350	24.1	22	40	4	CN.. 1204	278.30	032	278.30	032
A40T PCLN R/L 12	40	38	300	60.0	27	50	4	CN.. 1204	310.02	240	310.02	240
S40V PCLN R/L 12	40	38	400	24.1	27	50	4	CN.. 1204	310.02	040	310.02	04000 ¹⁾
S50W PCLN R/L 16	50	47	450	31.0	35	63	4	CN.. 1606	383.64	050	383.64	050

1) nickel-plated



Key I



Shim



Assembly pin



Lever



Clamping screw



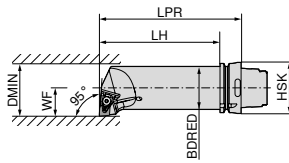
Carbide type C

Article no.	£		Article no.	£		Article no.	£		Article no.	£		Article no.	£	
70 556 225 / 70 557 225	2.97	176	SW3	2.13	198	1.49	192	15.25	187	5.17	205	9.56	233	
70 556 025 / 70 557 025	2.97	176	SW3	2.13	198	1.49	192	15.25	187	5.17	205	9.56	233	
70 556 232 / 70 557 232	2.97	176	SW3	2.13	198	1.49	192	15.25	187	5.17	205	9.56	233	
70 556 032 / 70 557 032	2.97	176	SW3	2.13	198	1.49	192	15.25	187	5.17	205	9.56	233	
70 556 240 / 70 557 240	2.97	176	SW3	2.13	198	1.49	192	15.25	187	4.24	209	9.56	233	
70 556 04000 / 70 557 040	2.97	176	SW3	2.13	198	1.49	192	15.25	187	4.24	209	9.56	233	
70 556 050 / 70 557 050	2.97	176	SW3	1.34	391	1.49	394	15.13	385	4.59	388	15.13	380	

MaxiLock-D – DCLN 95° – Boring bar with top clamping

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions

ISO designation	Adapter	LPR mm	LH mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert
HSK T63 50Q DCLN R/L 12	HSK-T 63	175	149	50	35	63	4	CN.. 1204

Left-hand	Right-hand
74 529 ...	74 528 ...
£ 2D/80	£ 2D/80
570.59 512	570.59 512

**Spare parts
for Article no.**

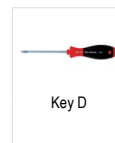
74 528 512 / 74 529 512



70 950 ...

£
2A/28

28.78 824



80 950 ...

£
Y7

21.01 128



70 950 ...

£
2A/28

3.62 820



70 950 ...

£
2A/28

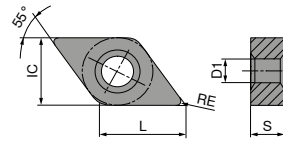
9.56 810

T15 - IP

M4,5x12 - IP

DNMG / DNMA / DNMM

Designation	L mm	S mm	D1 mm	IC mm
DNMG 1104..	11.6	4.76	3.81	9.52
DNMG 1504..	15.5	4.76	5.16	12.70
DNM. 1506..	15.5	6.35	5.16	12.70



DNMG

ISO	RE mm	-CF TCM10		-CF20 CTEP110		-TFQ CTEP110		NEW -F50 CTCP115-P		NEW -F50 CTCP125-P		NEW -F50 CTCP135-P	
		£		£		£		£		£		£	
110402EN	0.2							14.76	30201	14.76	50201	14.76	70201
110404EN	0.4	14.09	904	14.76	004			14.76	30401	14.76	50401	14.76	70401
110408EN	0.8			14.76	006			14.76	30601	14.76	50601	14.76	70601
110412EN	1.2							14.76	30801	14.76	50801	14.76	70801
150404EN	0.4							17.90	31601	17.90	51601	17.90	71601
150408EN	0.8							17.90	31801	17.90	51801	17.90	71801
150412EN	1.2							17.90	32001	17.90	52001	17.90	72001
150604EN	0.4	18.45	914	19.39	028	21.54	028	19.39	32801	19.39	52801	19.39	72801
150608EN	0.8			19.39	030	21.54	030	19.39	33001	19.39	53001	19.39	73001
150612EN	1.2			19.39	032			19.39	33201	19.39	53201	19.39	73201
P			●		●		●		●		●		●
M			○		○		○		○		○		○
K			○		○		○		○		○		○
N													
S													
H													
O													

DNMG

		NEW		NEW		NEW		NEW		NEW		NEW	
		-TFQ		-TFQ		-TFQ		-TFQ		-XU		-M50	
		CTCP115-P		CTCP125-P		CTCP115-P		CTCP125-P		CTCP115-P		CTCP125-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F		F		M		M		M		M	
		DNMG		DNMG		DNMG		DNMG		DNMG		DNMG	
		76 153 ...		76 153 ...		76 169 ...		76 169 ...		76 291 ...		76 291 ...	
ISO	RE	£		£		£		£		£		£	
	mm	1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
150408EN	0.8											17.90	018
150412EN	1.2											17.90	020
150604EN	0.4	22.35	32801	22.35	52801				19.39	32801	19.39	52801	
150608EN	0.8	22.35	33001	22.35	53001				19.39	33001	19.39	53001	19.39 030
150612EN	1.2			23.03	33201	23.03	53201	19.39	33201	19.39	53201	19.39	032
P			●		●		●		●		●		○
M													
K			○		○		○		○		○		●
N													
S													
H													
O													

DNMG

		NEW		NEW		NEW		NEW		NEW	
		-M50		-M50		-M50		-M50		-TMQ	
		CTCK120		CTCP115-P		CTCP125-P		CTCP135-P		CTCP125-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M		M		M		M		M	
		DNMG		DNMG		DNMG		DNMG		DNMG	
		70 133 ...		76 136 ...		76 136 ...		76 136 ...		76 168 ...	
ISO	RE	£		£		£		£		£	
	mm	1A/08		1A/08		1A/08		1A/08		1A/08	
110404EN	0.4			14.76	30401	14.76	50401	14.76	70401		
110408EN	0.8			14.76	30601	14.76	50601	14.76	70601		
110412EN	1.2			14.76	30801	14.76	50801	14.76	70801		
150404EN	0.4			17.90	31601	17.90	51401	17.90	71601		
150408EN	0.8	17.90	518	17.90	31801	17.90	51801	17.90	71801		
150412EN	1.2	17.90	520	17.90	32001	17.90	51601	17.90	72001		
150416EN	1.6			17.90	32201	17.90	52201	17.90	72201		
150604EN	0.4			19.39	32801	19.39	52801	19.39	72801		
150608EN	0.8	19.39	530	19.39	33001	19.39	53001	19.39	73001	23.03	33001
150612EN	1.2	19.39	532	19.39	33201	19.39	53201	19.39	73201	23.03	33201
150616EN	1.6			19.39	33401	19.39	53401	19.39	73401	22.35	53001
				22.35	53201						
P			○		●		●		●		●
M									○		
K			●		○		○		○		○
N											
S											
H											
O											

DNMG

		-M70 CTCK110		-M70 CTCK120		NEW -M70 CTCP115-P		NEW -M70 CTCP125-P		NEW -M70 CTCP135-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M DNMG		M DNMG		M DNMG		M DNMG		M DNMG	
		70 263 ...		70 263 ...		76 263 ...		76 263 ...		76 263 ...	
ISO	RE mm	£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08	
110408EN	0.8					14.76	30601	14.76	50601	14.76	70601
110412EN	1.2					14.76	30801	14.76	50801	14.76	70801
150408EN	0.8	17.90	018	17.90	518	17.90	31801	17.90	51801	17.90	71801
150412EN	1.2	17.90	020	17.90	520	17.90	32001	17.90	52001	17.90	72001
150416EN	1.6					17.90	32201	17.90	52201	17.90	72201
150608EN	0.8	19.39	030	19.39	530	19.39	33001	19.39	53001	19.39	73001
150612EN	1.2	19.39	032	19.39	532	19.39	33201	19.39	53201	19.39	73201
150616EN	1.6	19.39	034	19.39	534	19.39	33401	19.39	53401	19.39	73401
P			○		○		●		●		●
M											○
K			●		●		○		○		
N											
S											
H											
O											

DNMA / DNMM

		CTCK110		CTCK120		NEW -R28 CTCP115-P		NEW -R28 CTCP125-P		NEW -R28 CTCP135-P		NEW -R58 CTCP115-P		NEW -R58 CTCP125-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		R DNMA		R DNMA		R DNMM		R DNMM		R DNMM		R DNMM		R DNMM	
		70 156 ...		70 156 ...		76 165 ...		76 165 ...		76 165 ...		76 166 ...		76 166 ...	
ISO	RE mm	£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08	
150408EN	0.8	17.90	018	17.90	518										
150412EN	1.2	17.90	020	17.90	520										
150608EN	0.8	19.39	030	19.39	530										
150612EN	1.2	19.39	032	19.39	532	19.39	33201	19.39	53201	19.39	73201	19.39	33201	19.39	53201
150616EN	1.6					19.39	33401	19.39	53401	19.39	73401	19.39	33401	19.39	53401
P			○		○		●		●		●		●		●
M											○				
K			●		●		○		○				○		○
N															
S															
H															
O															

DNMM / DNMG

		NEW								
		-R58 CTCP135-P	-F30 CTCM120	-F30 CTPM125	-F30 CTCM130	-M30 CTCM120	-M30 CTPM125	-M30 CTCM130		
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN		
		R	F	F	F	M	M	M		
		DNMM	DNMG	DNMG	DNMG	DNMG	DNMG	DNMG		
		76 166 ...	75 013 ...	75 013 ...	75 013 ...	75 014 ...	75 014 ...	75 014 ...		
ISO	RE mm	£	£	£	£	£	£	£	£	£
		1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08
110404EN	0.4		14.76 10400	14.76 204	14.76 30400					
110408EN	0.8		14.76 10600	14.76 206	14.76 30600	14.76 10600	14.76 206		14.76 30600	
110412EN	1.2					14.76 10800	14.76 208		14.76 30800	
150404EN	0.4		18.69 11600		18.69 31600					
150408EN	0.8		18.69 11800		18.69 31800	18.69 11800			18.69 31800	
150412EN	1.2					18.69 12000			18.69 32000	
150604EN	0.4		19.39 12800	19.39 228	19.39 32800					
150608EN	0.8		19.39 13000	19.39 230	19.39 33000					
150612EN	1.2	19.39 73201				19.39 13000	19.39 230		19.39 33000	
150616EN	1.6	19.39 73401				19.39 13200	19.39 232		19.39 33200	
P		●	○	○	○	○	○	○	○	○
M		○	●	●	●	●	●	●	●	●
K										
N										
S						○				○
H										
O										

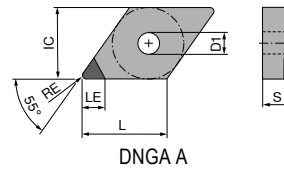
9

DNMG

		NEW		NEW		NEW		NEW		NEW		NEW	
		-M42 CTCM130	-M60 CTCM120	-M60 CTPM125	-M60 CTCM130	-M70 CTCM130	-M34 CTPX710	-M42 CTPX710					
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN					
		M	M	M	M	M	M	M					
		DNMG	DNMG	DNMG	DNMG	DNMG	DNMG	DNMG					
		75 027 ...	75 015 ...	75 015 ...	75 015 ...	75 038 ...	75 004 ...	75 027 ...					
ISO	RE mm	£	£	£	£	£	£	£	£	£	£	£	£
		1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08
110404EN	0.4	15.21 30400											
110408EN	0.8	15.21 30600					15.21 30600						
150404EN	0.4	18.43 31600						18.69 61600					
150408EN	0.8	18.43 31800	18.69 11800		18.69 31800		18.69 61800						
150412EN	1.2		18.69 12000		18.69 32000		18.69 62000						
150604EN	0.4	19.96 32800											
150608EN	0.8	19.96 33000	19.39 13000	19.39 230	19.39 33000		20.48 63000				23.36 63000		
150612EN	1.2		19.39 13200	19.39 232	19.39 33200		20.48 63200						
P		○	○	○	○	○	●	●	●	●	●	●	●
M		●	●	●	●	●	●	●	●	●	●	●	●
K													
N							○	○					
S		○				○	○	●	●	●	●	●	●
H													
O													

DNGA

Designation	L mm	S mm	D1 mm	IC mm
DNGA 1504..	15.5	4.76	5.16	12.7
DNGA 1506..	15.5	6.35	5.16	12.7



DNGA

▲ TCE(NOI) = Design and number of equipped cutting edge corners

CTDPD20

F
DIAMOND
DNGA

ISO	RE mm	TCE (NOI)	LE mm
150404FN	0.4	A (1)	6.4
150408FN	0.8	A (1)	6.0
150412FN	1.2	A (1)	5.6
150604FN	0.4	A (1)	6.4
150608FN	0.8	A (1)	6.0
150612FN	1.2	A (1)	5.6

71 128 ...

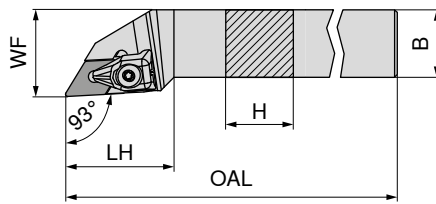
£	Y0
106.96	10001
106.96	10101
125.49	10201
106.96	10301
106.96	10401
125.49	10501

P	
M	
K	
N	●
S	
H	
O	●

MaxiLock-D – DDJN 93° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
								£		£	
DDJN R/L 1616 H11	16	16	100	33	20	2	DN.. 1104	92.43	816	92.43	816
DDJN R/L 2020 K11	20	20	125	33	25	2	DN.. 1104	102.99	820	102.99	820
DDJN R/L 2525 M11	25	25	150	33	32	2	DN.. 1104	106.53	825	106.53	825
DDJN R/L 2020 K15	20	20	125	40	25	4	DN.. 1504 / 1506	102.99	720	102.99	720
DDJN R/L 2525 M15	25	25	150	40	32	4	DN.. 1504 / 1506	106.53	725	106.53	725
DDJN R/L 3225 P15	32	25	170	40	32	4	DN.. 1504 / 1506	114.27	832	114.27	832

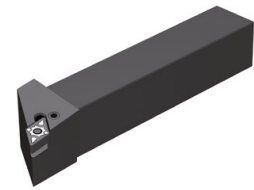
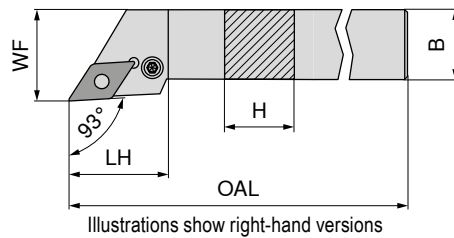
When using DN.. 1504 indexable inserts, use insert seat article no. **70 950 40000**.

Spare parts for Article no.								
	£		£		£		£	
70 541 816 / 70 540 816	34.83	835	19.68	126	3.79	819	4.27	808
70 541 820 / 70 540 820	34.83	835	19.68	126	3.79	819	4.27	808
70 541 825 / 70 540 825	34.83	835	19.68	126	3.79	819	4.27	808
70 541 720 / 70 540 720	28.78	824	21.01	128	3.62	820	9.56	811
70 541 725 / 70 540 725	28.78	824	21.01	128	3.62	820	9.56	811
70 541 832 / 70 540 832	28.78	824	21.01	128	3.62	820	9.56	811

MaxiLock-N – PDJN 93° – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand 70 541 ...		Right-hand 70 540 ...	
								£ 2A/24	116	£ 2A/24	116
PDJN R/L 1616 H11	16	16	100	30.0	20	3	DN.. 1104	92.43	116	92.43	116
PDJN R/L 2020 K11	20	20	125	30.0	25	3	DN.. 1104	102.99	12000 ¹⁾	102.99	12000 ¹⁾
PDJN R/L 2525 M11	25	25	150	30.0	32	3	DN.. 1104	106.53	12500 ¹⁾	106.53	12500 ¹⁾
PDJN R/L 2020 K15	20	20	125	34.9	25	3,2	DN.. 1506	102.99	020	102.99	020
PDJN R/L 2525 M15	25	25	150	35.4	32	3,2	DN.. 1506	106.53	025	106.53	025
PDJN R/L 3225 P15	32	25	170	35.4	32	3,2	DN.. 1506	114.27	032	114.27	032
PDJN R/L 3232 P15	32	32	170	34.7	40	3,2	DN.. 1506	143.86	13200	143.86	13200

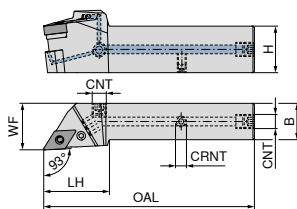
1) nickel-plated

Spare parts for Article no.	Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide Seat D	
	£ 2A/28	175	£ 2A/28	122	£ 2A/28	191	£ 2A/28	121	£ 2A/28	208	£ 2A/28	120
70 540 116 / 70 541 116	2.97	175	2.49	122	1.49	191	18.13	121	3.87	208	8.72	120
70 540 12000 / 70 541 12000	2.97	175	2.49	122	1.49	191	18.13	121	3.87	208	8.72	120
70 540 12500 / 70 541 12500	2.97	175	2.49	122	1.49	191	18.13	121	3.87	208	8.72	120
70 540 020 / 70 541 020	2.97	176	2.13	198	1.49	192	16.56	188	4.59	388	9.56	236
70 540 025 / 70 541 025	2.97	176	2.13	198	1.49	192	16.56	188	4.59	388	9.56	236
70 540 032 / 70 541 032	2.97	176	2.13	198	1.49	192	16.56	188	4.59	388	9.56	236
70 540 13200 / 70 541 13200	2.97	176	2.13	198	1.49	192	16.56	188	4.59	388	9.56	236

MaxiLock-N – PDJN 93° DC – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	NEW Left-hand		NEW Right-hand	
										£	2A/24	£	2A/24
PDJN R/L 2020 X11-T DC	20	20	104	35	25	M6	G1/8"	3	DN.. 1104	207.80	02000	207.80	02001
PDJN R/L 2525 X11-T DC	25	25	114	45	32	M6	G1/8"	3	DN.. 1104	218.74	02500	218.74	02501
PDJN R/L 2020 X15-T DC	20	20	114	45	25	M6	G1/8"	3,2	DN.. 1506	207.80	12000	207.80	12001
PDJN R/L 2525 X15-T DC	25	25	129	45	32	M6	G1/8"	3,2	DN.. 1506	218.74	12500	218.74	12501
PDJN R/L 3225 X15-T DC	32	25	145	45	32	M6	G1/8"	3,2	DN.. 1506	229.68	03200	229.68	03201
PDJN R/L 3232 X15-T DC	32	32	145	45	40	M6	G1/8"	3,2	DN.. 1506	229.68	13200	229.68	13201

Key I	Shim	Assembly pin	Coolant screw plug	Lever	Clamping screw	Solid Carbide Seat D	Grubscrew
70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
£	£	£	£	£	£	£	£
2A/28	2A/28	2A/28	2A/28	2A/28	2A/28	2A/28	2A/28

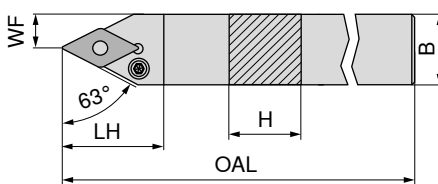
Spare parts for Article no.	£	2A/28	£	2A/28	£	2A/28	£	2A/28	£	2A/28	£	2A/28	£	2A/28
70 593 02001 / 70 593 02000	2.97	175	2.49	122	1.49	191	4.31	294	18.13	121	3.87	208	8.72	120
70 593 02501 / 70 593 02500	2.97	175	2.49	122	1.49	191	4.31	294	18.13	121	3.87	208	8.72	120
70 593 12001 / 70 593 12000	2.97	176	2.13	198	1.49	192	4.31	294	16.56	188	4.24	209	9.56	236
70 593 12501 / 70 593 12500	2.97	176	2.13	198	1.49	192	4.31	294	16.56	188	4.24	209	9.56	236
70 593 03201 / 70 593 03200	2.97	176	2.13	198	1.49	192	4.31	294	16.56	188	4.24	209	9.56	236
70 593 13201 / 70 593 13200	2.97	176	2.13	198	1.49	192	4.31	294	16.56	188	4.24	209	9.56	236

9

MaxiLock-N – PDNN 63° – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
								£	2A/24	£	2A/24
PDNN R/L 2525 M11	25	25	150	30.0	12.5	3	DN.. 1104	106.53	125	106.53	125
PDNN R/L 2525 M15	25	25	150	36.5	12.5	3,2	DN.. 1506	106.53	025	106.53	025

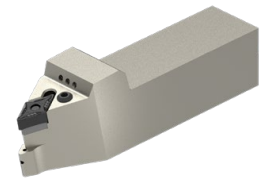
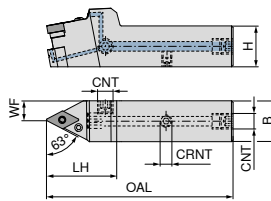
Key I	Shim	Assembly pin	Lever	Clamping screw	Solid Carbide Seat D
70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
£	£	£	£	£	£
2A/28	2A/28	2A/28	2A/28	2A/28	2A/28

Spare parts for Article no.	£	2A/28	£	2A/28	£	2A/28	£	2A/28	£	2A/28	£	2A/28	
70 537 125 / 70 536 125					SW2,5	2.97	175	2.49	122	1.49	191	18.13	121
70 537 025 / 70 536 025					SW3	2.97	176	2.13	198	1.49	192	16.56	188
										3.87	208	8.72	120
										4.59	388	9.56	236

MaxiLock-N – PDNN 63° DC – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

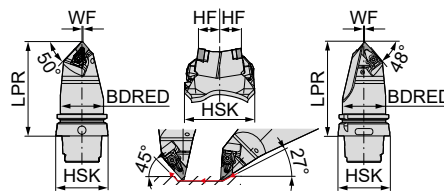
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	NEW	
										Left-hand	Right-hand
PDNN R/L 2525 X11-T DC	25	25	114	45	12.5	M6	G1/8"	3	DN.. 1104	£ 218.74	£ 02500
PDNN R/L 2525 X15-T DC	25	25	119	50	12.5	M6	G1/8"	3,2	DN.. 1506	£ 218.74	£ 12500

Spare parts for Article no.	Key I		Shim		Assembly pin		Coolant screw plug		Lever		Clamping screw		Solid Carbide Seat D		Grubscrew	
	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...
70 594 02501 / 70 594 02500	2A/28	175	2A/28	122	2A/28	191	2A/28	294	2A/28	121	2A/28	208	2A/28	120	2A/28	86700
70 594 12501 / 70 594 12500	2.97	176	2.13	198	1.49	192	4.31	294	16.56	188	4.24	209	9.56	236	3.51	86700

MaxiLock-D – DCMN + DDMN – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



ISO designation	Adapter	LPR mm	BDRED mm	WF mm	HF mm	torque moment Nm	Insert	Neutral	
								£	74 600 ...
HSK T63 DCMN L 12 + DDMN L 15	HSK-T 63	115	53	0.5	20	4	CN.. 1204 / DN.. 1506	2D/80	501
HSK T100 DCMN L 12 + DDMN L 15	HSK-T 100	150	88	0.5	20	4	CN.. 1204 / DN.. 1506	1,076.95	701

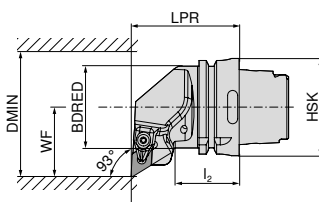
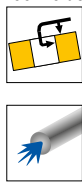
1 Face turning maximum 78 mm

Spare parts for Article no.	XPress type		Key D		Clamping screw		Solid Carbide Seat D		Carbide type C	
	£	70 950 ...	£	80 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...
74 600 501	2A/28	824	Y7	128	2A/28	820	2A/28	811	2A/28	810
74 600 701	28.78	824	21.01	128	3.62	820	9.56	811	9.56	810

MaxiLock-D – DDUN 93° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



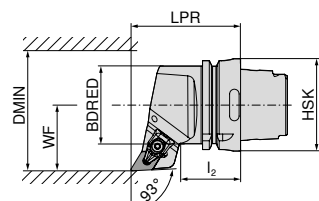
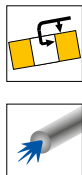
ISO designation	Adapter	LPR mm	l ₂ mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£		£	
HSK T63 DDUN R/L 15	HSK-T 63	70	42	53	45	125	4	DN.. 1506	74 516 ...		74 515 ...	
HSK T100 DDUN R/L 15	HSK-T 100	80	45	88	55	125	4	DN.. 1506	£ 2D/80 415.94	515	£ 2D/80 415.94	515
									488.29	715	488.29	715

Spare parts for Article no.	XPress type		Key D		Clamping screw		Solid Carbide Seat D	
	£		£		£		£	
74 516 515 / 74 515 515	2A/28	824	Y7	128	2A/28	820	2A/28	811
74 516 715 / 74 515 715	28.78	824	21.01	128	3.62	820	9.56	811

MaxiLock-D – DDJN 93° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



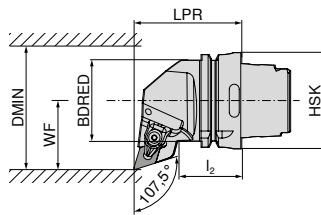
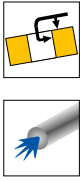
ISO designation	Adapter	LPR mm	l ₂ mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£		£	
HSK T63 DDJN R/L 15	HSK-T 63	75	42	53	45	125	4	DN.. 1506	74 512 ...		74 511 ...	
HSK T100 DDJN R/L 15	HSK-T 100	85	45	88	55	125	4	DN.. 1506	£ 2D/80 415.94	515	£ 2D/80 415.94	515
									488.29	715	488.29	715

Spare parts for Article no.	XPress type		Key D		Clamping screw		Solid Carbide Seat D	
	£		£		£		£	
74 512 515 / 74 511 515	2A/28	824	Y7	128	2A/28	820	2A/28	811
74 512 715 / 74 511 715	28.78	824	21.01	128	3.62	820	9.56	811

MaxiLock-D – DDHN 107.5° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key

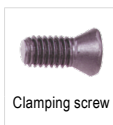
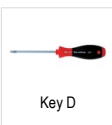


Illustrations show right-hand versions



ISO designation	Adapter	LPR mm	l ₂ mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£	2D/80	£	2D/80
HSK T63 DDHN R/L 15	HSK-T 63	70	42	53	45	125	4	DN.. 1506	74 508 ...	£	74 507 ...	£
									415.94	515	415.94	515

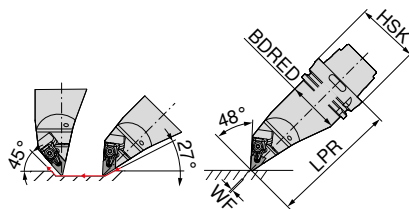
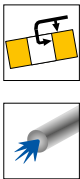
Spare parts for Article no.	74 508 515 / 74 507 515	£	2A/28	824	T15 - IP	£	Y7	128	M4,5x12 - IP	£	2A/28	820	£	2A/28	811



MaxiLock-D – DDMN 48° – Toolholder with top clamping

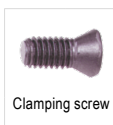
Scope of supply:

Tool holder with Torx key



ISO designation	Adapter	LPR mm	BDRED mm	WF mm	torque moment Nm	Insert	Left-hand	
							£	2D/80
HSK T63 DDMN L 15	HSK-T 63	130	53	0	4	DN.. 1506	74 519 ...	£
HSK T100 DDMN L 15	HSK-T 100	160	88	0	4	DN.. 1506	570.59	515
							671.12	715

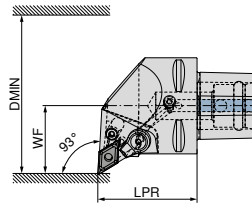
Spare parts for Article no.	74 519 515	£	2A/28	824	£	Y7	128	£	2A/28	820	£	2A/28	811



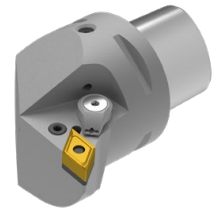
MaxiLock-N – PDUN 93° – Toolholder with lever clamping

Scope of supply:

without high-performance coolant set



Illustrations show right-hand versions



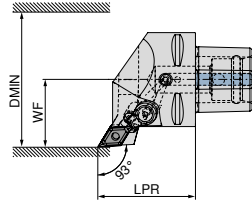
ISO designation	Adapter	LPR mm	WF mm	DMIN mm	torque moment Nm	Insert	Direct cooling compatible	Left-hand		Right-hand	
								£	Y8	£	Y8
PSC40 PDUN R/L 50050-15	PSC 40	50	27	50	5	DN.. 1504 / 1506	DC	84 661 ...		84 660 ...	
PSC50 PDUN R/L 65060-15	PSC 50	60	35	65	5	DN.. 1504 / 1506	DC	635.36	01595	635.36	01595
PSC63 PDUN R/L 80065-15	PSC 63	65	45	80	5	DN.. 1504 / 1506	DC	699.54	01594	699.54	01594
								794.19	01593	794.19	01593

Spare parts	Shim	Elbow lever screw	Lever	Solid Carbide Seat D
	84 950 ...	84 950 ...	84 950 ...	84 950 ...
	£ Y8	£ Y8	£ Y8	£ Y8
84 660 01593 / 84 661 01595	3.22 29200	M8X1/L17 SW3 12.55 28700	43.38 28900	66.87 27900

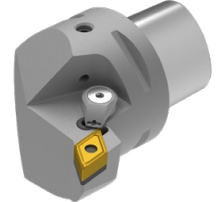
MaxiLock-N – PDJN 93° – Toolholder with lever clamping

Scope of supply:

without high-performance coolant set



Illustrations show right-hand versions



ISO designation	Adapter	LPR mm	WF mm	DMIN mm	torque moment Nm	Insert	Direct cooling compatible	Left-hand		Right-hand	
								£	Y8	£	Y8
PSC40 PDJN R/L 50050-15	PSC 40	50	27	50	5	DN.. 1504 / 1506	DC	84 665 ...		84 664 ...	
PSC50 PDJN R/L 65060-15	PSC 50	60	35	65	5	DN.. 1504 / 1506	DC	635.36	01595	635.36	01595
PSC63 PDJN R/L 80065-15	PSC 63	65	45	80	5	DN.. 1504 / 1506	DC	699.54	01594	699.54	01594
								794.19	01593	794.19	01593

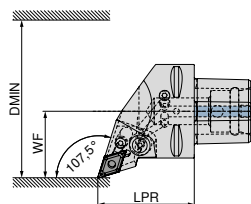
Spare parts	Shim	Elbow lever screw	Lever	Solid Carbide Seat D
	84 950 ...	84 950 ...	84 950 ...	84 950 ...
	£ Y8	£ Y8	£ Y8	£ Y8
Adapter				
PSC 40	3.22 29200	M8X1/L17 SW3 12.55 28700	43.38 28900	66.87 27900
PSC 50	3.22 29200	M8X1/L17 SW3 12.55 28700	43.38 28900	66.87 27900
PSC 63	3.22 29200	M8X1/L17 SW3 12.55 28700	43.38 28900	66.87 27900

The high-performance coolant set with article number **84 950 27400** can be ordered as an optional extra → **Page 40**.
When using DN1504.. inserts Shim item no. **84 950 28200**

MaxiLock-N – PDHN 107,5° – Toolholder with lever clamping

Scope of supply:

without high-performance coolant set



Illustrations show right-hand versions



ISO designation	Adapter	LPR mm	WF mm	DMIN mm	torque moment Nm	Insert	Direct cooling compatible	Left-hand		Right-hand	
								£	Y8	£	Y8
PSC40 PDHN R/L 50050-15	PSC 40	50	27	50	5	DN.. 1504 / 1506	DC	84 669 ...		84 668 ...	
PSC50 PDHN R/L 65060-15	PSC 50	60	35	65	5	DN.. 1504 / 1506	DC	635.36	01595	635.36	01595
PSC63 PDHN R/L 80065-15	PSC 63	65	45	80	5	DN.. 1504 / 1506	DC	699.54	01594	699.54	01594
								794.19	01593	794.19	01593

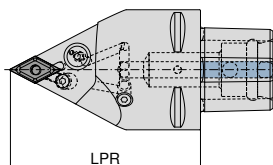
Shim	Elbow lever screw	Lever	Solid Carbide Seat D
84 950 ...	84 950 ...	84 950 ...	84 950 ...
£ Y8	£ Y8	£ Y8	£ Y8
84 668 01595 / 84 669 01595	3.22 29200	12.55 28700	43.38 28900
84 668 01594 / 84 669 01594	3.22 29200	12.55 28700	43.38 28900
84 668 01593 / 84 669 01593	3.22 29200	12.55 28700	43.38 28900

Spare parts
for Article no.

MaxiLock-N – PDNN 62,5° – Toolholder with lever clamping

Scope of supply:

without high-performance coolant set



ISO designation	Adapter	LPR mm	torque moment Nm	Insert	Direct cooling compatible	Neutral	
						£	Y8
PSC63 PDNN N 0100-15	PSC 63	100	5	DN.. 1504 / 1506	DC	84 676 ...	
PSC63 PDNN N 0130-15	PSC 63	130	5	DN.. 1504 / 1506	DC	794.19	01593
						794.19	11593

Shim	Elbow lever screw	Lever	Solid Carbide Seat D
84 950 ...	84 950 ...	84 950 ...	84 950 ...
£ Y8	£ Y8	£ Y8	£ Y8
84 676 01593	3.22 29200	12.55 28700	43.38 28900
84 676 11593	3.22 29200	12.55 28700	43.38 28900

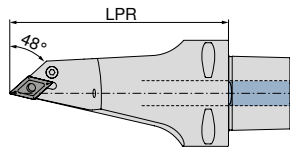
Spare parts
for Article no.

The high-performance coolant set with article number 84 950 27400 can be ordered as an optional extra → Page 40.
When using DN1504.. inserts Shim item no. 84 950 28200

MaxiLock-N – PDMN 48° – Toolholder with lever clamping

Scope of supply:

without high-performance coolant set



Neutral
84 680 ...
£
Y8
978.53 11593

ISO designation	Adapter	LPR mm	torque moment Nm	Insert	Direct cooling compatible
PSC63 PDMN L 0130-15	PSC 63	130	5	DN.. 1504 / 1506	DC

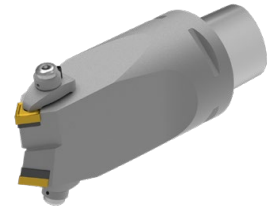
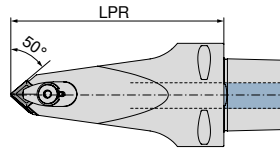
Shim	Elbow lever screw	Lever	Solid Carbide Seat D
84 950 ...	84 950 ...	84 950 ...	84 950 ...
£ Y8	£ Y8	£ Y8	£ Y8
3.22 29200	12.55 28700	43.38 28900	66.87 27900

**Spare parts
for Article no.**

84 680 11593

i The high-performance coolant set with article number **84 950 27400** can be ordered as an optional extra → **Page 40**.
When using DN1504.. inserts Shim item no. **84 950 28200**






MaxiLock-D – DCMN + DDMN 50°/48° – Toolholder with top clamping



Neutral
84 683 ...

ISO designation	Adapter	LPR mm	torque moment Nm	Insert
PSC63 DCMN-DDMN L 0130-12/15	PSC 63	130	10	CN.. 1204 / DN.. 1506

£ Y8
1,242.86 **01293**

Clamping Screw	Clamping claw	Ring-shaped nozzle	Clamping screw	Solid Carbide Seat D	Carbide type C
					
84 950 ...	84 950 ...	84 950 ...	84 950 ...	84 950 ...	84 950 ...
£ Y8	£ Y8	£ Y8	£ Y8	£ Y8	£ Y8
56.63 28300	67.08 28500	21.60 28400	13.36 27500	66.87 27900	36.36 27800

Spare parts
for Article no.
84 683 01293

High-performance coolant set

- ▲ Using the DC kit blocks the other coolant outlet so that all of the pressure is concentrated by the kit!
- ▲ Can be used up to 100 bar

Scope of supply:

Direct cooling nozzle and O-ring



84 950 ...

£ Y8

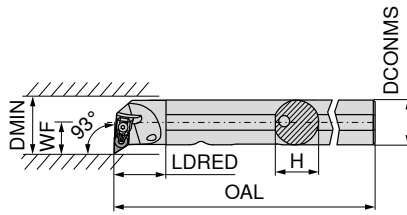
Coolant set

286.73 **27400**

MaxiLock-D – DDUN 93° – Boring bar with top clamping

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions



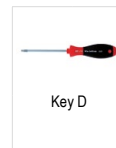
ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert
A25R DDUN R/L 11	25	24	200	30	17	32	2	DN.. 1104
A32S DDUN R/L 11	32	31	250	40	22	40	2	DN.. 1104
A40T DDUN R/L 15	40	39	300	45	27	50	4	DN.. 1506

Left-hand		Right-hand	
70 569 ...		70 568 ...	
£		£	
2A/24		2A/24	
269.08	725	269.08	725
278.30	732	278.30	732
310.02	840	310.02	840



70 950 ...

£
2A/28



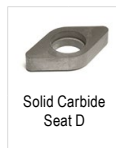
80 950 ...

£
Y7



70 950 ...

£
2A/28



70 950 ...

£
2A/28

Spare parts for Article no.

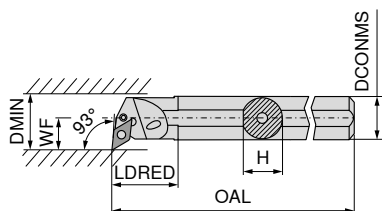
70 568 725 / 70 569 725	34.83	835	T09 - IP	19.68	126	M3x7 - IP	3.79	819	4.27	808
70 568 732 / 70 569 732	34.83	835	T09 - IP	19.68	126	M3x7 - IP	3.79	819	4.27	808
70 568 840 / 70 569 840	28.78	824	T15 - IP	21.01	128	M4,5x12 - IP	3.62	820	9.56	811

MaxiLock-N – PDUN 93° – Boring bar with lever clamping

▲ A... = with thro' coolant
▲ S... = without thro' coolant

Scope of supply:

Boring bar with Allen key



Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£		£	
A20Q PDUN R/L 11	20	18.5	180	36	16.0	28	3	DN.. 1104	70 569 ...		70 568 ...	
A25R PDUN R/L 11	25	23.0	200	36	18.5	32	3	DN.. 1104	£ 241.46	12000 ¹⁾	£ 241.46	12000 ¹⁾
A32S PDUN R/L 11	32	30.0	250	36	22.0	40	3	DN.. 1104	£ 269.08	125	£ 269.08	12500 ¹⁾
A32S PDUN R/L 15	32	30.0	250	50	22.0	40	3,2	DN.. 1506	£ 278.30	13200 ¹⁾	£ 278.30	132
A40T PDUN R/L 15	40	38.0	300	60	27.0	50	3,2	DN.. 1506	£ 278.30	232	£ 278.30	232
A40T PDUN R/L 15	40	38.0	300	60	27.0	50	3,2	DN.. 1506	£ 310.02	240	£ 310.02	240
S50W PDUN R/L 15	50	47.0	450	31	35.0	63	3,2	DN.. 1506	£ 383.64	050	£ 383.64	050

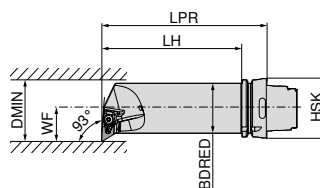
1) nickel-plated

Spare parts for Article no.	Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide Seat D	
	£		£		£		£		£		£	
70 568 12000 / 70 569 12000	70 950 ...		70 950 ...		70 950 ...		70 950 ...		70 950 ...		70 950 ...	
70 568 12500 / 70 569 125	£ 2.97	175	£ 2.49	122	£ 1.49	191	£ 18.13	121	£ 3.87	208	£ 8.72	120
70 568 132 / 70 569 13200	£ 2.97	175	£ 2.49	122	£ 1.49	191	£ 18.13	121	£ 3.87	208	£ 8.72	120
70 568 232 / 70 569 232	£ 2.97	176	£ 2.13	198	£ 1.49	192	£ 16.56	188	£ 4.24	209	£ 9.56	236
70 568 240 / 70 569 240	£ 2.97	176	£ 2.13	198	£ 1.49	192	£ 16.56	188	£ 4.24	209	£ 9.56	236
70 568 050 / 70 569 050	£ 2.97	176	£ 2.13	198	£ 1.49	192	£ 16.56	188	£ 4.59	388	£ 9.56	236

MaxiLock-D – DDUN 93° – Boring bar with top clamping

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions

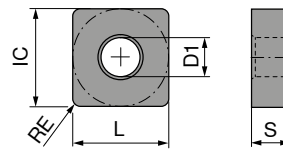


ISO designation	Adapter	LPR mm	LH mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£		£	
HSK T63 50Q DDUN R/L 15	HSK-T 63	175	149	50	35	63	4	DN.. 1506	74 533 ...		74 532 ...	
									£ 2D/80	515	£ 2D/80	515
									£ 570.59		£ 570.59	

Spare parts for Article no.	XPress type		Key D		Clamping screw		Solid Carbide Seat D	
	£		£		£		£	
74 533 515 / 74 532 515	70 950 ...		80 950 ...		70 950 ...		70 950 ...	
	£ 28.78	824	£ 21.01	128	£ 3.62	820	£ 9.56	811

SNMG / SNMA / SNMM

Designation	L mm	S mm	D1 mm	IC mm
SNMG 0903..	9.52	3.18	3.81	9.52
SNM. 1204..	12.70	4.76	5.16	12.70
SNM. 1506..	15.87	6.35	6.35	15.87
SNM. 1906..	19.05	6.35	7.94	19.05
SNMM 2507..	25.40	7.94	9.12	25.40
SNMM 2509..	25.40	9.52	9.12	25.40



SNMG

ISO	RE mm	NEW -F50 CTCP115-P		NEW -F50 CTCP125-P		NEW -F50 CTCP135-P		NEW -M50 CTCP115-P		NEW -M50 CTCP125-P		NEW -M50 CTCP135-P	
		£	1A/08	£	1A/08	£	1A/08	£	1A/08	£	1A/08	£	1A/08
090308EN	0.8	8.98	30601	8.98	50601	8.98	70601						
120404EN	0.4	14.09	31601	14.09	51601	14.09	71601						
120408EN	0.8	14.09	31801	14.09	51801	14.09	71801	14.09	31801	14.09	51801	14.09	71801
120412EN	1.2	14.09	32001	14.09	52001	14.09	72001	14.09	32001	14.09	52001	14.09	72001
120416EN	1.6							14.09	32201	14.09	52201	14.09	72201
150608EN	0.8							22.35	33001	22.35	53001	22.35	73001
150612EN	1.2							22.35	33201	22.35	53201	22.35	73201
150616EN	1.6							22.35	33401	22.35	53401	22.35	73401

P	•	•	•	•	•	•
M			○			○
K	○	○		○	○	
N						
S						
H						
O						

SNMG / SNMA

		NEW		NEW		NEW		NEW							
		-M70		-M70		-M70		-M70		-M70		CTCK110			
		CTCP115-P		CTCP125-P		CTCP135-P		CTCP125-P		CTCK120		CTCK110			
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN			
		M		M		M		R		M		R			
		SNMG		SNMG		SNMG		SNMG		SNMG		SNMA			
		70 225 ...		76 225 ...		76 225 ...		76 225 ...		76 188 ...		70 225 ...		70 114 ...	
ISO	RE mm	£		£		£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
120408EN	0.8	14.09	018	14.09	31801	14.09	51801	14.09	71801			14.09	518	14.09	018
120412EN	1.2	14.09	020	14.09	32001	14.09	52001	14.09	72001			14.09	520	14.09	020
120416EN	1.6	14.09	022	14.09	32201	14.09	52201	14.09	72201			14.09	522	14.09	022
150612EN	1.2	22.35	032	22.35	33201	22.35	53201	22.35	73201			22.35	532	22.35	032
150616EN	1.6	22.35	034	22.35	33401	22.35	53401	22.35	73401			22.35	534	22.35	034
190612EN	1.2	31.57	044	31.57	34401	31.57	54401	31.57	74401			31.57	544	31.57	044
190616EN	1.6	31.57	046	31.57	34601	31.57	54601	31.57	74601			31.57	546	31.57	046
190624EN	2.4			31.57	34801	31.57	54801	31.57	74801						
250924EN	2.4							75.07	57001						
P			○		●		●		●		●		○		○
M									○						
K			●		○		○				○		●		●
N															
S															
H															
O															

SNMA / SNMM

		NEW		NEW		NEW		NEW		NEW		NEW	
		-R28		-R28		-R28		-R58		-R58		-R58	
		CTCP115-P		CTCP125-P		CTCP135-P		CTCP115-P		CTCP125-P		CTCP135-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		R		R		R		R		R		R	
		SNMA		SNMM		SNMM		SNMM		SNMM		SNMM	
		70 114 ...		76 128 ...		76 128 ...		76 128 ...		76 129 ...		76 129 ...	
ISO	RE mm	£		£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
120408EN	0.8	14.09	518					14.09	31801	14.09	51801	14.09	71801
120412EN	1.2	14.09	520					14.09	32001	14.09	52001	14.09	72001
120416EN	1.6	14.09	522										
150612EN	1.2	22.35	532	22.35	33201	22.35	53201	22.35	73201	22.35	33201	22.35	53201
150616EN	1.6	22.35	534	22.35	33401	22.35	53401	22.35	73401	22.35	33401	22.35	53401
190612EN	1.2	31.57	544					31.57	34401	31.57	54401	31.57	74401
190616EN	1.6	31.57	546	31.57	34601	31.57	54601	31.57	74601	31.57	34601	31.57	54601
190624EN	2.4							31.57	34801	31.57	54801	31.57	74801
250724EN	2.4							62.06	76001	62.06	36001	62.06	56001
250924EN	2.4			72.88	37001	72.88	57001	72.88	77001	72.88	37001	72.88	57001
P			○	●		●		●		●		●	
M								○					○
K			●	○		○				○		○	
N													
S													
H													
O													

9

SNMM

		NEW		NEW		NEW		NEW		NEW		NEW	
		-R88		-R88		-R88		-R88		-R88		-R88	
		CTCP115-P		CTCP115-P		CTCP125-P		CTCP125-P		CTCP135-P		CTCP135-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		R		R		R		R		R		R	
		SNMM		SNMM		SNMM		SNMM		SNMM		SNMM	
		76 130 ...		76 325 ...		76 130 ...		76 326 ...		76 130 ...		76 327 ...	
ISO	RE mm	£		£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
190616SN	1.6	31.57	34601			31.57	54601			31.57	74601		
190624SN	2.4	31.57	34801			31.57	54801			31.57	74801		
250724SN	2.4	62.06	36001			62.06	56001			62.06	76001		
250732SN	3.2			61.75	36101			61.75	56101			61.75	76101
250924SN	2.4	72.88	37001			72.88	57001			72.88	77001		
250932SN	3.2			72.54	37201			72.54	57201			72.54	77201
P			●	●		●		●		●		●	
M										○			○
K			○	○		○		○					
N													
S													
H													
O													

SNMG

		-F30 CTCM120		-F30 CTPM125		-F30 CTCM130		-M30 CTCM120		-M30 CTPM125		-M30 CTPM125		-M30 CTCM130	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F SNMG		F SNMG		F SNMG		M SNMG		M SNMG		M SNMG		M SNMG	
		75 016 ...		75 016 ...		75 016 ...		75 017 ...		75 017 ...		75 016 ...		75 017 ...	
ISO	RE mm	£		£		£		£		£		£		£	
120404EN	0.4	14.09	11600	14.09	216	14.09	31600	14.09	11800	14.09	218			14.09	31800
120408EN	0.8	14.09	11800	14.09	218	14.09	31800	14.09	11800	14.09	218			14.09	31800
120412EN	1.2							14.09	12000			14.09	220	14.09	32000
P			○		○		○		○		○		○		○
M			●		●		●		●		●		●		●
K															
N															
S							○								○
H															
O															

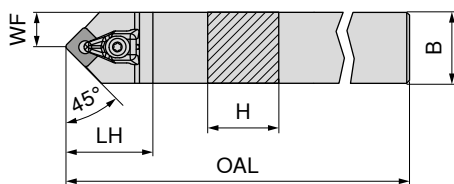
SNMG

		NEW -M42 CTCM130		-M60 CTCM120		-M60 CTPM125		-M60 CTCM130		NEW -M70 CTCM130		-M34 CTPX710	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M SNMG		M SNMG		M SNMG		M SNMG		M SNMG		M SNMG	
		75 034 ...		75 018 ...		75 018 ...		75 018 ...		75 039 ...		75 005 ...	
ISO	RE mm	£		£		£		£		£		£	
120408EN	0.8	14.51	31800	14.09	11800	14.09	218	14.09	31800	14.51	31800	14.77	61800
120412EN	1.2	14.51	32000	14.09	12000	14.09	210	14.09	32000	14.51	32000	14.77	62000
120416EN	1.6			14.09	12200	14.09	220	14.09	32200				
190616EN	1.6									32.52	34600		
P			○		○		○		○		○		●
M			●		●		●		●		●		●
K													
N													○
S											○		●
H													
O													

MaxiLock-D – DSDN 45° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



Neutral

70 516 ...

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	£	
DSDN N 2020 K12	20	20	125	38	10.3	4	SN.. 1204	102.99	620
DSDN N 2525 M12	25	25	150	38	12.5	4	SN.. 1204	106.53	625



XPRESS type

70 950 ...



Key D

80 950 ...



Clamping screw

70 950 ...



Solid Carbide support S

70 950 ...

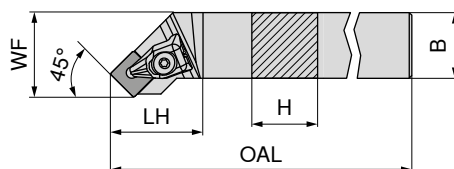
Spare parts for Article no.

70 516 620	£ 28.78	824	T15 - IP	£ 21.01	128	M4,5x12 - IP	£ 3.62	820	£ 9.56	813
70 516 625	£ 28.78	824	T15 - IP	£ 21.01	128	M4,5x12 - IP	£ 3.62	820	£ 9.56	813

MaxiLock-D – DSSN 45° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



Left-hand

Right-hand

70 513 ...

70 512 ...

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	£		£	
DSSN R/L 2020 K12	20	20	125	35	25	4	SN.. 1204	102.99	620	102.99	620
DSSN R/L 2525 M12	25	25	150	35	32	4	SN.. 1204	106.53	625	106.53	625
DSSN R/L 3225 P12	32	25	170	35	32	4	SN.. 1204	114.27	632	114.27	632



XPRESS type

70 950 ...



Key D

80 950 ...



Clamping screw

70 950 ...



Solid Carbide support S

70 950 ...

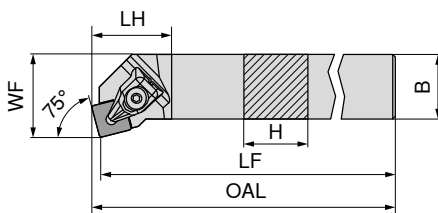
Spare parts for Article no.

70 512 620 / 70 513 620	£ 28.78	824	T15 - IP	£ 21.01	128	M4,5x12 - IP	£ 3.62	820	£ 9.56	813
70 512 625 / 70 513 625	£ 28.78	824	T15 - IP	£ 21.01	128	M4,5x12 - IP	£ 3.62	820	£ 9.56	813
70 512 632 / 70 513 632	£ 28.78	824	T15 - IP	£ 21.01	128	M4,5x12 - IP	£ 3.62	820	£ 9.56	813

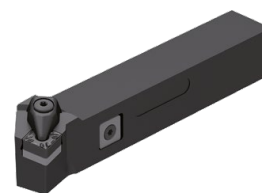
MaxiLock-D – DSKN 75° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



ISO designation	H mm	B mm	OAL mm	LF mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand 70 525 ... £ 2A/24 106.53 625	Right-hand 70 524 ... £ 2A/24 106.53 625
DSKN R/L 2525 M12	25	25	153.3	150	28	32	4	SN.. 1204		

Spare parts
for Article no.

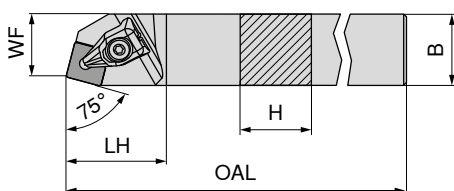
70 525 625 / 70 524 625

Part	Article no.	Price (£)	Quantity	Part	Article no.	Price (£)	Quantity	Part	Article no.	Price (£)	Quantity
XPress type	70 950 ...	2A/28	824	Key D	80 950 ...	Y7	128	Clamping screw	70 950 ...	2A/28	820
		28.78	824			21.01	128			3.62	820
										9.56	813

MaxiLock-D – DSBN 75° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Right-hand 70 520 ... £ 2A/24 102.99 620
DSBN R 2020 K12	20	20	125	35	17	4	SN.. 1204	102.99 620
DSBN R 2525 M12	25	25	150	35	22	4	SN.. 1204	106.53 625
DSBN R 2525 M15	25	25	150	42	22	6,5	SN.. 1506	106.53 725
DSBN R 3232 P15	32	32	170	42	27	6,5	SN.. 1506	143.86 832
DSBN R 3232 P19	32	32	170	48	27	6,5	SN.. 1906	143.86 732
DSBN R 4040 S19	40	40	250	48	35	6,5	SN.. 1906	178.85 840
DSBN R 4040 S25	40	40	250	57	35	6,5	SN.. 2507 / SN.. 2509	178.85 940

When using SN.. 2509 indexable inserts, use insert seat article no. 70 950 40100.

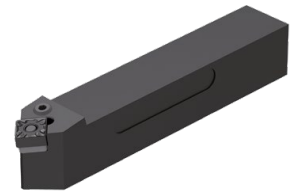
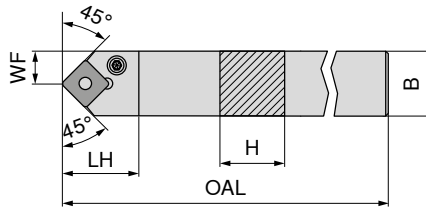
Spare parts
for Article no.

Part	Article no.	Price (£)	Quantity	Part	Article no.	Price (£)	Quantity	Part	Article no.	Price (£)	Quantity
	70 950 ...	2A/28	824		80 950 ...	Y7	128		70 950 ...	2A/28	820
		28.78	824			21.01	128			3.62	820
										9.56	813
										14.59	833
										14.59	833
										15.64	817
										15.64	817
										29.18	818

MaxiLock-N – PSDN 45° – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Neutral
70 516 ...
£
2A/24
102.99 020
106.53 025
114.27 03200
178.85 04000

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert
PSDN N 2020 K12	20	20	125	27.6	10.3	4	SNM. 1204
PSDN N 2525 M12	25	25	150	27.6	12.8	4	SNM. 1204
PSDN N 3225 P19	32	25	170	40.4	12.5	8	SNM. 1906
PSDN N 4040 S25	40	40	250	48.8	20.0	8	SNM. 2507 / 2509

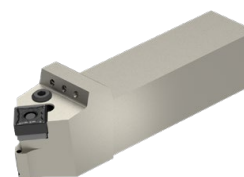
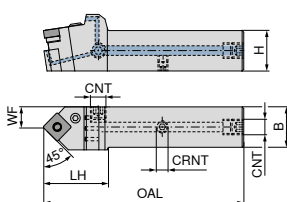
1 When using SN.. 2509 indexable inserts, use insert seat article no. 70 950 40200.

Spare parts for Article no.		Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide support S	
		£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...
70 516 020	SW3	2.97	176	2.13	198	1.49	192	15.25	187	4.24	209	7.40	230
70 516 025	SW3	2.97	176	2.13	198	1.49	192	15.25	187	4.24	209	7.40	230
70 516 03200	SW4	3.13	396	2.13	392	1.49	395	23.14	386	4.59	389	23.26	383
70 516 04000	SW5	4.47	265	1.34	621	2.30	623	31.27	620	2.75	622	47.86	27600

MaxiLock-N – PSDN 45° DC – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



NEW
Neutral
70 596 ...

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	£	
PSDN N 2020 X12-T DC	20	20	109	40	11.5	M6	G1/8"	4	SNM. 1204	207.80	02000
PSDN N 2525 X12-T DC	25	25	124	40	13.3	M6	G1/8"	4	SNM. 1204	218.74	02500
PSDN N 2525 X15-T DC	25	25	134	50	13.7	M6	G1/8"	4	SNM. 1506	218.74	12500
PSDN N 3225 X15-T DC	32	25	150	50	13.7	M6	G1/8"	4	SNM. 1506	229.68	03200
PSDN N 3225 X19-T DC	32	25	152	52	13.7	M6	G1/8"	8	SNM. 1906	229.68	13200
PSDN N 4040 X25-T DC	40	40	190	65	22.4	M6	G1/8"	8	SNM. 2507 / 2509	262.51	04000

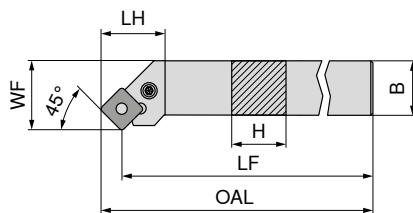
When using SN.. 2509 indexable inserts, use insert seat article no. 70 950 40200.

Spare parts for Article no.	Key I		Shim		Assembly pin		Coolant screw plug		Lever		Clamping screw		Solid Carbide support S		Grubscrew	
	£		£		£		£		£		£		£		£	
70 596 02000	2.97	176	2.13	198	1.49	192	4.31	294	15.25	187	4.24	209	7.40	230	3.51	86700
70 596 02500	2.97	176	2.13	198	1.49	192	4.31	294	15.25	187	4.24	209	7.40	230	3.51	86700
70 596 12500	2.97	176	1.34	391	1.49	394	4.31	294	15.13	385	4.59	388	15.13	382	3.51	86700
70 596 03200	2.97	176	1.34	391	1.49	394	4.31	294	15.13	385	4.59	388	15.13	382	3.51	86700
70 596 13200	3.13	396	2.13	392	1.49	395	4.31	294	23.14	386	4.59	389	23.26	383	3.51	86700
70 596 04000	4.47	265	1.34	621	2.30	623	4.31	294	31.27	620	2.75	622	47.86	27600	3.51	86700

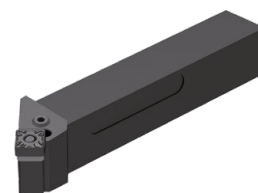
MaxiLock-N – PSSN 45° – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions



ISO designation	H mm	B mm	OAL mm	LF mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
									70 513 ...	70 512 ...	£	£
PSSN R/L 1616 H09	16	16	106.7	100	23.6	20	3	SNM. 0903	£ 2A/24	016	£ 2A/24	01600 ¹⁾
PSSN R/L 2020 K12	20	20	134.0	125	27.3	25	4	SNM. 1204	102.99	020	102.99	020
PSSN R/L 2525 M12	25	25	159.0	150	29.3	32	4	SNM. 1204	106.53	025	106.53	025
PSSN R/L 3225 P12	32	25	179.0	170	29.3	32	4	SNM. 1204	114.27	032	114.27	032
PSSN R 2525 M15	25	25	161.2	150	32.5	32	4	SNM. 1506			106.53	125
PSSN R 3232 P15	32	32	181.2	170	38.9	40	4	SNM. 1506			143.86	132
PSSN R 3232 P19	32	32	183.5	170	41.2	40	8	SNM. 1906			143.86	232
PSSN L 3232 P19	32	32	183.5	170	40.2	40	8	SNM. 1906	143.86	232		
PSSN R 4040 S25	40	40	268.0	250	50.8	50	8	SNM. 2507 / 2509			175.49	04000

1) nickel-plated

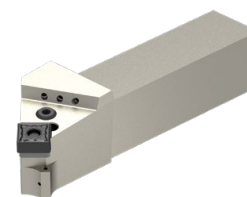
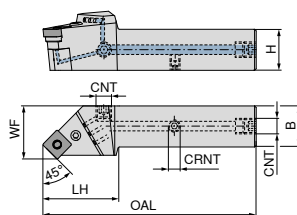
When using SN.. 2509 indexable inserts, use insert seat article no. 70 950 40200.

Spare parts for Article no.		Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide support S	
		£		£		£		£		£		£	
70 512 01600 / 70 513 016	SW2,5	2.97	175	2.13	197	1.49	191	15.13	185	3.87	208	7.40	229
70 512 020 / 70 513 020	SW3	2.97	176	2.13	198	1.49	192	15.25	187	4.24	209	7.40	230
70 512 025 / 70 513 025	SW3	2.97	176	2.13	198	1.49	192	15.25	187	4.24	209	7.40	230
70 512 032 / 70 513 032	SW3	2.97	176	2.13	198	1.49	192	15.25	187	4.24	209	7.40	230
70 512 125	SW3	2.97	176	1.34	391	1.49	394	15.13	385	4.59	388	15.13	382
70 512 132	SW3	2.97	176	1.34	391	1.49	394	15.13	385	4.59	388	15.13	382
70 512 232	SW4	3.13	396	2.13	392	1.49	395	23.14	386	4.59	389	23.26	383
70 513 232	SW4	3.13	396	2.13	392	1.49	395	23.14	386	4.59	389	23.26	383
70 512 04000	SW5	4.47	265	1.34	621	2.30	623	31.27	620	2.75	622	47.86	27600

MaxiLock-N – PSSN 45° DC – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	NEW Left-hand 70 597 ...		NEW Right-hand 70 597 ...	
										£ 2A/24	02000	£ 2A/24	02001
PSSN R/L 2020 X12-T DC	20	20	111.9	42.9	25	M6	G1/8"	4	SNM. 1204	207.80	02000	207.80	02001
PSSN R/L 2525 X12-T DC	25	25	129.9	45.9	32	M6	G1/8"	4	SNM. 1204	218.74	02500	218.74	02501
PSSN R/L 3225 X12-T DC	32	25	145.9	45.9	32	M6	G1/8"	4	SNM. 1204	229.68	03200	229.68	03201
PSSN R 2525 X15-T DC	25	25	131.5	47.5	32	M6	G1/8"	4	SNM. 1506			218.74	12501
PSSN R 3232 X15-T DC	32	32	145.9	45.9	40	M6	G1/8"	4	SNM. 1506			240.62	13201
PSSN R/L 3232 X19-T DC	32	32	151.8	51.8	40	M6	G1/8"	8	SNM. 1906	240.62	13200	240.62	23201
PSSN R 4040 X25-T DC	40	40	189.6	64.6	50	M6	G1/8"	8	SNM. 2507 / 2509			262.51	04001

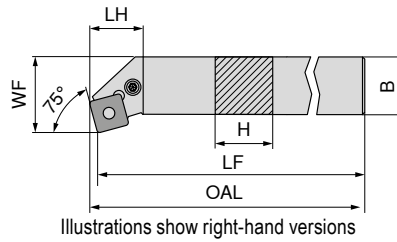
When using SN.. 2509 indexable inserts, use insert seat article no. 70 950 40200.

Spare parts for Article no.	Key I		Shim		Assembly pin		Coolant screw plug		Lever		Clamping screw		Solid Carbide support S		Grubscrew	
	£ 2A/28	176	£ 2A/28	198	£ 2A/28	192	£ 2A/28	294	£ 2A/28	187	£ 2A/28	209	£ 2A/28	230	£ 2A/28	86700
70 597 02001 / 70 597 02000	2.97	176	2.13	198	1.49	192	4.31	294	15.25	187	4.24	209	7.40	230	3.51	86700
70 597 02501 / 70 597 02500	2.97	176	2.13	198	1.49	192	4.31	294	15.25	187	4.24	209	7.40	230	3.51	86700
70 597 03201 / 70 597 03200	2.97	176	2.13	198	1.49	192	4.31	294	15.25	187	4.24	209	7.40	230	3.51	86700
70 597 12501	2.97	176	1.34	391	1.49	394	4.31	294	15.13	385	4.59	388	15.13	382	3.51	86700
70 597 13201	2.97	176	1.34	391	1.49	394	4.31	294	15.13	385	4.59	388	15.13	382	3.51	86700
70 597 23201 / 70 597 13200	3.13	396	2.13	392	1.49	395	4.31	294	23.14	386	4.59	389	23.26	383	3.51	86700
70 597 04001	4.47	265	1.34	621	2.30	623	4.31	294	31.27	620	2.75	622	47.86	27600	3.51	86700

MaxiLock-N – PSKN 75° – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



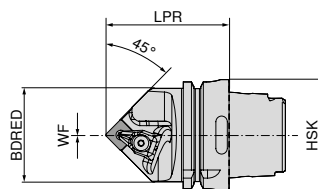
ISO designation	H mm	LF mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£		£	
PSKN R/L 1616 H09	16	100	16	102.5	18.7	20	3	SNM. 0903	2A/24	016	2A/24	016
PSKN R/L 2020 K12	20	125	20	128.3	24.1	25	4	SNM. 1204	102.99	020	102.99	020
PSKN R/L 2525 M12	25	150	25	153.3	24.1	32	4	SNM. 1204	106.53	025	106.53	025
PSKN R/L 3225 P12	32	170	25	173.1	24.1	32	4	SNM. 1204	114.27	03200	114.27	03200
PSKN R 4040 S19	40	250	40	254.6	38.3	50	8	SNM. 1906			178.85	04000

Spare parts for Article no.	Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide support S	
	£		£		£		£		£		£	
70 524 016 / 70 525 016	2A/28	175	2A/28	197	2A/28	191	2A/28	185	2A/28	208	2A/28	229
70 524 020 / 70 525 020	2.97	176	2.13	198	1.49	192	15.25	187	3.87	209	7.40	230
70 524 025 / 70 525 025	2.97	176	2.13	198	1.49	192	15.25	187	4.24	209	7.40	230
70 524 03200 / 70 525 03200	2.97	176	2.13	198	1.49	192	15.25	187	4.24	209	7.40	230
70 524 04000	3.13	396	2.13	392	1.49	395	23.14	386	4.59	389	23.26	383

MaxiLock-D – DSDN 45° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



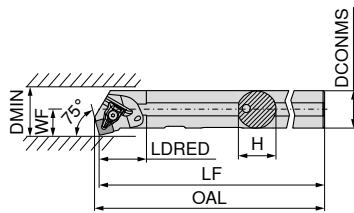
ISO designation	Adapter	LPR mm	BDRED mm	WF mm	torque moment Nm	Insert	Neutral	
							£	
HSK T63 DSDN N 12	HSK-T 63	70	53	0	4	SN.. 1204	2D/80	512
HSK T63 DSDN N 15	HSK-T 63	75	53	0	4	SN.. 1506	415.94	515
HSK T100 DSDN N 12	HSK-T 100	80	88	0	4	SN.. 1204	488.29	712
HSK T100 DSDN N 19	HSK-T 100	85	88	0	8	SN.. 1906	488.29	719

Spare parts for Article no.	XPress type		Key D		Clamping screw		Solid Carbide support S	
	£		£		£		£	
74 522 512	2A/28	824	Y7	128	2A/28	820	2A/28	813
74 522 515	28.78	825	21.01	129	3.62	821	9.56	833
74 522 712	32.31	824	22.06	128	5.13	820	14.59	813
74 522 719	28.78	826	21.01	129	3.62	821	9.56	817
	35.35	826	22.06	129	5.13	821	15.64	817

MaxiLock-D – DSKN 75° – Boring bar with top clamping

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	LF mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
										£		£	
A32S DSKN R/L 12	32	31	250	254.2	40	22	40	4	SN.. 1204	70 561 ...		70 560 ...	
										£		£	
										2A/24		2A/24	
										278.30	832	278.30	832

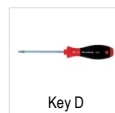


XPress type

70 950 ...

£
2A/28

28.78 824

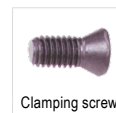


Key D

80 950 ...

£
Y7

21.01 128



Clamping screw

70 950 ...

£
2A/28

3.62 820



Solid Carbide support S

70 950 ...

£
2A/28

9.56 813

Spare parts
for Article no.

70 560 832 / 70 561 832

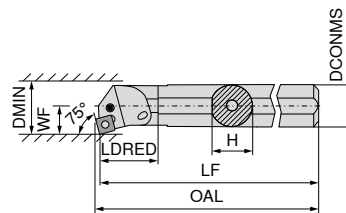
T15 - IP

M4,5x12 - IP

MaxiLock-N – PSKN 75° – Boring bar with lever clamping

Scope of supply:

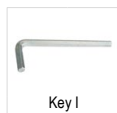
Boring bar with Allen key



Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	LF mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
										£		£	
A25R PSKN R/L 12	25	23	200	203	36	17	32	4	SNM. 1204	70 561 ...		70 560 ...	
A32S PSKN R/L 12	32	30	250	253	50	22	40	4	SNM. 1204	£		£	
A40T PSKN R/L 12	40	38	300	303	60	27	50	4	SNM. 1204	2A/24		2A/24	
										269.08	225	269.08	225
										278.30	232	278.30	232
										310.02	240	310.02	240



Key I

70 950 ...

£
2A/28

2.97 176

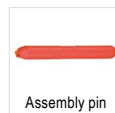


Shim

70 950 ...

£
2A/28

2.13 198



Assembly pin

70 950 ...

£
2A/28

1.49 192



Lever

70 950 ...

£
2A/28

15.25 187



Clamping screw

70 950 ...

£
2A/28

5.17 205



Solid Carbide support S

70 950 ...

£
2A/28

7.40 230

Spare parts
for Article no.

70 561 225 / 70 560 225

70 561 232 / 70 560 232

70 561 240 / 70 560 240

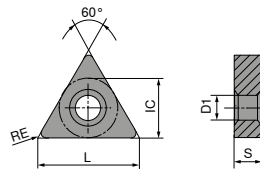
SW3

SW3

SW3

TNMG / TNMA / TNMM

Designation	L mm	S mm	D1 mm	IC mm
TNMG 1103..	11.0	3.18	2.26	6.35
TNM. 1604..	16.5	4.76	3.81	9.52
TNM. 2204..	22.0	4.76	5.16	12.70



TNMG

		NEW		NEW		NEW		NEW		NEW		NEW	
		-CF20 CTEP110	-F50 CTCP115-P	-F50 CTCP125-P	-F50 CTCP135-P	-M50 CTCP115-P	-M50 CTCP125-P	-M50 CTCP125-P	-M50 CTCP135-P				
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN				
		F	F	F	F	M	M	M	M				
		CERMET TNMG	TNMG	TNMG	TNMG	TNMG	TNMG	TNMG	TNMG				
		76 149 ...	76 146 ...	76 146 ...	76 146 ...	76 138 ...	76 138 ...	76 138 ...	76 138 ...				
ISO	RE mm	£ 1A/78	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08				
110304EN	0.4		7.79 30401	7.79 50401	7.79 70401								
110308EN	0.8		7.79 30601	7.79 50601	7.79 70601								
160404EN	0.4	12.24 016	12.35 31601	12.35 51601	12.35 71601	12.35 31601	12.35 51601	12.35 71601					
160408EN	0.8	12.24 018	12.35 31801	12.35 51801	12.35 71801	12.35 31801	12.35 51801	12.35 71801					
160412EN	1.2	12.24 020	12.35 32001	12.35 52001	12.35 72001	12.35 32001	12.35 52001	12.35 72001					
220408EN	0.8					16.68 33001	16.68 53001	16.68 73001					
220412EN	1.2					16.68 33201	16.68 53201	16.68 73201					
P		●	●	●	●	●	●	●	●				
M		○				○			○				
K		○	○	○	○	○	○	○	○				
N													
S													
H													
O													

9

TNMG

		-M70 CTCK110		-M70 CTCK120		NEW -M70 CTCP115-P		NEW -M70 CTCP125-P		NEW -M70 CTCP135-P		NEW CTCP125-P		NEW CTCP135-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M TNMG		M TNMG		M TNMG		M TNMG		M TNMG		M TNMG		M TNMG	
		70 155 ...		70 155 ...		76 155 ...		76 155 ...		76 155 ...		76 142 ...		76 142 ...	
ISO	RE mm	£		£		£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
160404ER	0.4														
160408EL	0.8														
160408EN	0.8	12.35	018	12.35	518	12.35	31801	12.35	51801	12.35	71801				
160408ER	0.8											12.35	51601		
160412EN	1.2	12.35	020	12.35	520	12.35	32001	12.35	52001	12.35	72001			12.71	71801
160412ER	1.2														
220404EN	0.4							16.68	52801						
220408EN	0.8	16.68	030	16.68	530	16.68	33001	16.68	53001	16.68	73001				
220412EN	1.2	16.68	032	16.68	532	16.68	33201	16.68	53201	16.68	73201				
220416EN	1.6	16.68	034	16.68	534	16.68	33401	16.68	53401	16.68	73401				
P			○		○		●		●		●		●		●
M											○				○
K			●		●		○		○				○		○
N															
S															
H															
O															

TNMA / TNMM

		CTCK110		CTCK120		NEW -R28 CTCP115-P		NEW -R28 CTCP125-P		NEW -R28 CTCP135-P		NEW -R58 CTCP115-P		NEW -R58 CTCP125-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		R TNMA		M TNMA		R TNMM		R TNMM		R TNMM		R TNMM		R TNMM	
		70 134 ...		70 134 ...		76 154 ...		76 154 ...		76 154 ...		76 152 ...		76 152 ...	
ISO	RE mm	£		£		£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
160408EN	0.8	12.35	018	12.35	518										
160412EN	1.2	12.35	020	12.35	520										
160416EN	1.6	12.35	022	12.35	522										
220408EN	0.8	16.68	030	16.68	530										
220412EN	1.2	16.68	032	16.68	532							16.68	33201	16.68	53201
220416EN	1.6	16.68	034	16.68	534	16.68	33401	16.68	53401	16.68	73401				
P			○		○		●		●		●		●		●
M											○				○
K			●		●		○		○				○		○
N															
S															
H															
O															

TNMM / TNMG

		NEW								
		-R58 CTCP135-P	-F30 CTCM120	-F30 CTPM125	-F30 CTCM130	-M30 CTCM120	-M30 CTPM125	-M30 CTCM130		
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN		
		R TNMM	F TNMG	F TNMG	F TNMG	M TNMG	M TNMG	M TNMG		
		76 152 ...	75 019 ...	75 019 ...	75 019 ...	75 020 ...	75 020 ...	75 020 ...		
ISO	RE mm	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08
160404EN	0.4		12.35	12.35	12.35	12.35	12.35	12.35	12.35	12.35
160408EN	0.8		11600	11800	216	218	31600	31800	11800	218
160412EN	1.2						12000	220		31800
220412EN	1.2	16.68	73201							32000
P		●	○	○	○	○	○	○	○	○
M		○	●	●	●	●	●	●	●	●
K										
N										
S						○				○
H										
O										

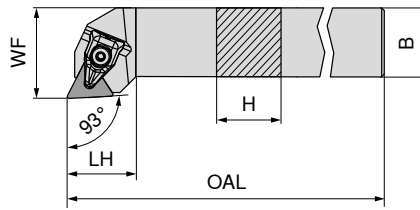
TNMG

		NEW								
		-M42 CTCM130	-M60 CTCM120	-M60 CTPM125	-M60 CTCM130	-M70 CTCM130	-M34 CTPX710			
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN			
		M TNMG	M TNMG	M TNMG	M TNMG	M TNMG	M TNMG			
		75 035 ...	75 021 ...	75 021 ...	75 021 ...	75 040 ...	75 006 ...			
ISO	RE mm	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08
160404EN	0.4	12.71	31600							
160408EN	0.8	12.71	31800	12.35	11800	12.35	218	12.35	31800	12.71
160412EN	1.2			12.35	12000	12.35	220	12.35	32000	12.71
220404EN	0.4									17.61
220408EN	0.8									62800
220412EN	1.2							17.17	33200	63000
220416EN	1.6									63400
P			○	○	○	○	○	○	○	●
M			●	●	●	●	●	●	●	●
K										
N										○
S			○			○		○		●
H										
O										

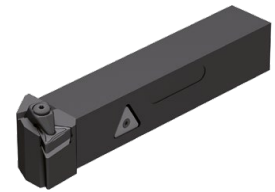
MaxiLock-D – DTJN 93° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

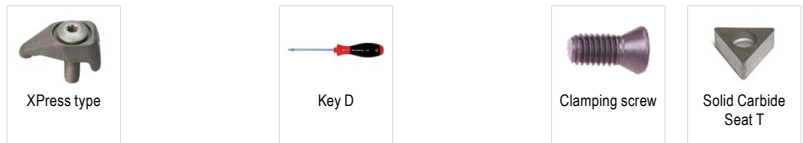


ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert
DTJN R/L 2020 K16	20	20	125	23	25	2	TNM. 1604
DTJN R/L 2525 M16	25	25	150	24	32	2	TNM. 1604

Left-hand		Right-hand	
70 591 ...		70 590 ...	
£		£	
2A/24		2A/24	
102.99	820	102.99	820
106.53	825	106.53	825

Spare parts for Article no.

Article no.	Price (£)	QTY	Part no.	Price (£)	QTY	Part no.	Price (£)	QTY
70 590 820 / 70 591 820	29.18	823	T09 - IP	19.68	126	M3x7 - IP	3.79	819
70 590 825 / 70 591 825	29.18	823	T09 - IP	19.68	126	M3x7 - IP	3.79	819

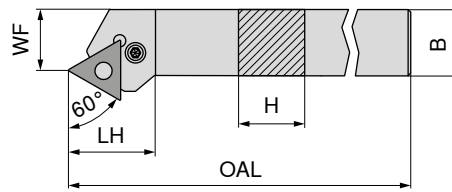


70 950 ...		80 950 ...		70 950 ...		70 950 ...	
£		£		£		£	
2A/28		Y7		2A/28		2A/28	
29.18	823	19.68	126	3.79	819	8.41	847
29.18	823	19.68	126	3.79	819	8.41	847

MaxiLock-N – PTTN 60° – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

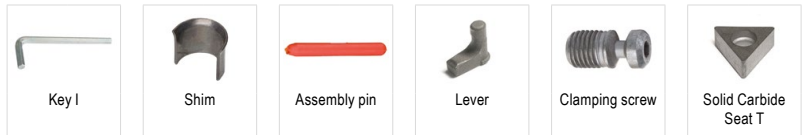


ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert
PTTN R/L 2020 K16	20	20	125	25.9	17	3	TNM. 1604
PTTN R/L 2525 M22	25	25	150	32.7	22	4	TNM. 2204

Left-hand		Right-hand	
70 529 ...		70 528 ...	
£		£	
2A/24		2A/24	
102.99	020	102.99	020
106.53	025	106.53	025

Spare parts for Article no.

Article no.	Price (£)	QTY	Part no.	Price (£)	QTY	Part no.	Price (£)	QTY
70 529 020 / 70 528 020	2.97	175	SW2,5	2.13	197		3.87	208
70 529 025 / 70 528 025	2.97	176	SW3	2.13	198		4.24	209

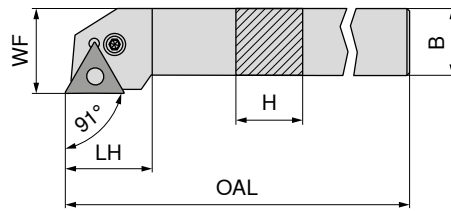


70 950 ...		70 950 ...		70 950 ...		70 950 ...		70 950 ...		70 950 ...	
£		£		£		£		£		£	
2A/28		2A/28		2A/28		2A/28		2A/28		2A/28	
2.97	175	2.13	197	1.49	191	15.13	185	3.87	208	8.41	225
2.97	176	2.13	198	1.49	192	15.25	187	4.24	209	12.02	226

MaxiLock-N – PTGN 91° – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions



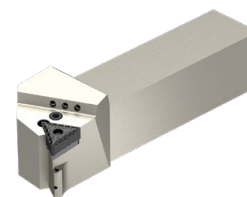
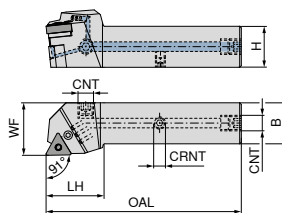
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand 70 533 ...		Right-hand 70 532 ...	
								£ 2A/24		£ 2A/24	
PTGN R/L 1616 H16	16	16	100	20	20	3	TNM. 1604	92.43	016	92.43	016
PTGN R/L 2020 K16	20	20	125	20	25	3	TNM. 1604	102.99	020	102.99	020
PTGN R/L 2525 M16	25	25	150	22	32	3	TNM. 1604	106.53	025	106.53	025
PTGN R/L 3225 P16	32	25	170	22	32	3	TNM. 1604	114.27	032	114.27	032
PTGN R/L 2525 M22	25	25	150	29	32	4	TNM. 2204	106.53	125	106.53	125
PTGN R/L 3232 P22	32	32	170	29	40	4	TNM. 2204	143.86	132	143.86	132

Spare parts for Article no.	Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide Seat T	
	£ 2A/28		£ 2A/28		£ 2A/28		£ 2A/28		£ 2A/28		£ 2A/28	
70 532 016 / 70 533 016	2.97	175	2.13	197	1.49	191	15.13	185	3.87	208	8.41	225
70 532 020 / 70 533 020	2.97	175	2.13	197	1.49	191	15.13	185	3.87	208	8.41	225
70 532 025 / 70 533 025	2.97	175	2.13	197	1.49	191	15.13	185	3.87	208	8.41	225
70 532 032 / 70 533 032	2.97	175	2.13	197	1.49	191	15.13	185	3.87	208	8.41	225
70 532 125 / 70 533 125	2.97	176	2.13	198	1.49	192	15.25	187	4.24	209	12.02	226
70 532 132 / 70 533 132	2.97	176	2.13	198	1.49	192	15.25	187	4.24	209	12.02	226

MaxiLock-N – PTGN 91° DC – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

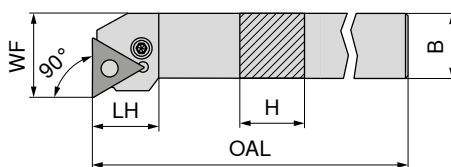
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	NEW Left-hand		NEW Right-hand	
										£	02000	£	02001
PTGN R/L 2020 X16-T DC	20	20	101	32	25	M6	G1/8"	3	TNM. 1604	207.80	02000	207.80	02001
PTGN R/L 2525 X16-T DC	25	25	119	35	32	M6	G1/8"	3	TNM. 1604	218.74	02500	218.74	02501
PTGN R/L 3225 X16-T DC	32	25	136	36	32	M6	G1/8"	3	TNM. 1604	229.68	03200	229.68	03201
PTGN R/L 2525 X22-T DC	25	25	122	38	32	M6	G1/8"	4	TNM. 2204	218.74	12500	218.74	12501
PTGN R/L 3232 X22-T DC	32	32	138	38	40	M6	G1/8"	4	TNM. 2204	240.62	13200	240.62	13201

Spare parts for Article no.	Key I		Shim		Assembly pin		Coolant screw plug		Lever		Clamping screw		Solid Carbide Seat T		Grubscrew	
	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...
70 598 02001 / 70 598 02000	2.97	175	2.13	197	1.49	192	4.31	294	15.13	185	3.87	208	8.41	225	3.51	86700
70 598 02501	2.97	175	2.13	197	1.49	192	4.31	294	15.13	185	3.87	208	8.41	225	3.51	86700
70 598 02500	2.97	175	2.13	197	1.49	191	4.31	294	15.13	185	3.87	208	8.41	225	3.51	86700
70 598 03201 / 70 598 03200	2.97	175	2.13	197	1.49	192	4.31	294	15.13	185	3.87	208	8.41	225	3.51	86700
70 598 12501 / 70 598 12500	2.97	176	2.13	198	1.49	192	4.31	294	15.25	187	4.24	209	12.02	226	3.51	86700
70 598 13201 / 70 598 13200	2.97	176	2.13	198	1.49	192	4.31	294	15.25	187	4.24	209	12.02	226	3.51	86700

MaxiLock-N – PTFN 90° – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
								£	016	£	016
PTFN R/L 1616 H16	16	16	100	19.7	20	3	TNM. 1604	92.43	016	92.43	016
PTFN R/L 2020 K16	20	20	125	20.2	25	3	TNM. 1604	102.99	020	102.99	020
PTFN R/L 2525 M16	25	25	150	20.2	32	3	TNM. 1604	106.53	025	106.53	025
PTFN R/L 2525 M22	25	25	150	25.2	32	4	TNM. 2204	106.53	125	106.53	125
PTFN R/L 3225 P22	32	25	170	25.2	32	4	TNM. 2204	114.27	132	114.27	132

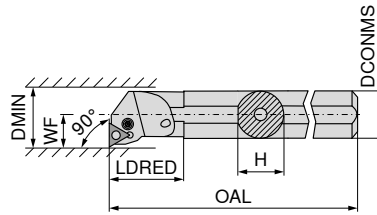
Spare parts for Article no.	Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide Seat T	
	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...
70 534 016 / 70 535 016	2.97	175	2.13	197	1.49	191	15.13	185	3.87	208	8.41	225
70 534 020 / 70 535 020	2.97	175	2.13	197	1.49	191	15.13	185	3.87	208	8.41	225
70 534 025 / 70 535 025	2.97	175	2.13	197	1.49	191	15.13	185	3.87	208	8.41	225
70 534 125 / 70 535 125	2.97	176	2.13	198	1.49	192	15.25	187	4.24	209	12.02	226
70 534 132 / 70 535 132	2.97	176	2.13	198	1.49	192	15.25	187	4.24	209	12.02	226

MaxiLock-N – PTFN 90° – Boring bar with lever clamping

- ▲ A... = with thro' coolant
- ▲ S... = without thro' coolant

Scope of supply:

Boring bar with Allen key



Illustrations show right-hand versions

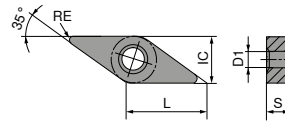


ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									70 565 ...	70 564 ...	70 565 ...	70 564 ...
S25T PTFN R 16	25	23	300	36	17	32	3	TNM. 1604	£ 2A/24		£ 2A/24	
A25R PTFN R/L 16	25	23	200	36	17	32	3	TNM. 1604	269.08	225	269.08	02500
A32S PTFN R/L 16	32	30	250	50	22	40	3	TNM. 1604	278.30	232	278.30	232
A40T PTFN R/L 22	40	38	300	60	27	50	4	TNM. 2204	310.02	240	310.02	240
S50W PTFN R 22	50	47	450	35	35	63	4	TNM. 2204			383.64	050

Spare parts for Article no.	Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide Seat T		
	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	
70 564 02500	2A/28	2.97	175	2.13	197	1.49	191	15.13	185	3.87	208	8.41	225
70 564 225 / 70 565 225	2A/28	2.97	175	2.13	197	1.49	191	15.13	185	3.87	208	8.41	225
70 564 232 / 70 565 232	2A/28	2.97	175	2.13	197	1.49	191	15.13	185	3.87	208	8.41	225
70 564 240 / 70 565 240	2A/28	2.97	176	2.13	198	1.49	192	15.25	187	4.24	209	12.02	226
70 564 050	2A/28	2.97	176	2.13	198	1.49	192	15.25	187	4.24	209	12.02	226

VNMG

Designation	L mm	S mm	D1 mm	IC mm
VNMG 1604..	16.6	4.76	3.81	9.52



VNMG

		NEW		NEW		NEW		NEW		NEW		NEW			
		-F40 CTCP125-P		-F50 CTCP115-P		-F50 CTCP125-P		-F50 CTCP135-P		-XU CTCP115-P		-XU CTCP125-P		-M40 CTCP125-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F VNMG		F VNMG		F VNMG		F VNMG		M VNMG		M VNMG		M VNMG	
		76 000 ...		76 156 ...		76 156 ...		76 156 ...		76 294 ...		76 294 ...		76 001 ...	
ISO	RE mm	£		£		£		£		£		£		£	
160404EN	0.4	24.92	51601	24.92	31601	24.92	51601	24.92	71601	24.87	31601	24.87	51601	24.92	51601
160408EN	0.8	24.92	51801	24.92	31801	24.92	51801	24.92	71801	24.87	31801	24.87	51801	24.92	51801
P			●		●		●		●		●		●		●
M									○						
K			○		○		○				○		○		○
N															
S															
H															
O															

VNMG

		NEW		NEW		NEW									
		-M50 CTCK110		-M50 CTCK120		-M50 CTCP115-P		-M50 CTCP125-P		-F30 CTCM120		-F30 CTPM125		-F30 CTCM130	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M VNMG		M VNMG		M VNMG		M VNMG		F VNMG		F VNMG		F VNMG	
		70 190 ...		70 131 ...		76 131 ...		76 131 ...		75 022 ...		75 022 ...		75 022 ...	
ISO	RE mm	£		£		£		£		£		£		£	
160404EN	0.4					24.92	31601	24.92	51601	24.92	11600	24.92	216	24.92	31600
160408EN	0.8			24.92	518	24.92	31801	24.92	51801	24.92	11800	24.92	218	24.92	31800
160412EN	1.2	25.67	01200	24.92	520	24.92	32001	24.92	52001						
P			○		○		●		●		○		○		○
M											●		●		●
K			●		●		○		○						
N															
S															○
H															
O															

VNMG

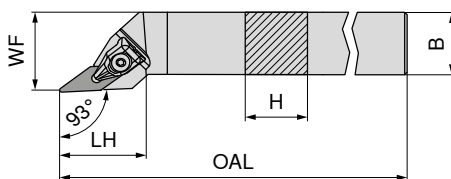
-M30 CTCM120	-M30 CTPM125	-M30 CTCM130	-M34 CTPX710
DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
M VNMG	M VNMG	M VNMG	M VNMG
75 023 ...	75 023 ...	75 023 ...	75 009 ...
£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08
24.92 11800	24.92 218	24.92 31800	23.70 61600 23.70 61800 23.70 62000

ISO	RE mm				
160404EN	0.4				
160408EN	0.8				
160412EN	1.2				
P			○	○	○
M			●	●	●
K					
N					○
S					○
H					
O					

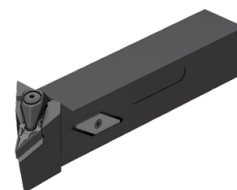
MaxiLock-D – DVJN 93° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



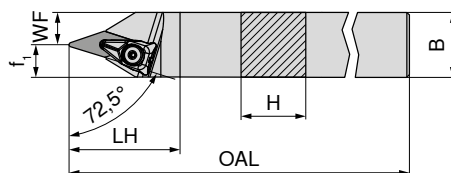
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
								£		£	
DVJN R/L 2020 K16	20	20	125	39	25	2	VN.. 1604	2A/24	620	2A/24	620
DVJN R/L 2525 M16	25	25	150	39	32	2	VN.. 1604	118.47	725	118.47	725

Spare parts for Article no.	XPress type		Key D		Clamping screw		Solid Carbide Seat V	
	£		£		£		£	
70 502 620 / 70 503 620	2A/28	835	Y7	126	2A/28	819	2A/28	806
70 502 725 / 70 503 725	34.83	835	19.68	126	3.79	819	6.77	806

MaxiLock-D – DVVN 72.5° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



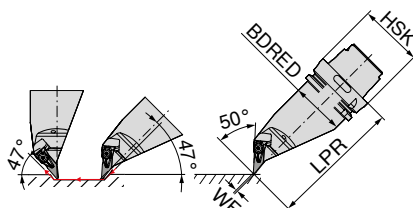
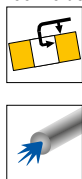
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	f ₁ mm	torque moment Nm	Insert	Neutral	
									£	
DVVN N 2020 K16	20	20	125	43	7.5	12.5	2	VN.. 1604	2A/24	620
DVVN N 2525 M16	25	25	150	43	12.5	12.5	2	VN.. 1604	118.47	625

Spare parts for Article no.	XPress type		Key D		Clamping screw		Solid Carbide Seat V	
	£		£		£		£	
70 506 620	2A/28	835	Y7	126	2A/28	819	2A/28	806
70 506 625	34.83	835	19.68	126	3.79	819	6.77	806

MaxiLock-D – DVMN 50° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key

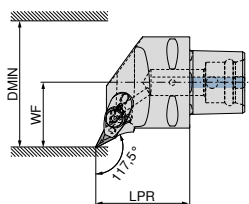
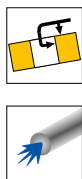


Left-hand
74 525 ...

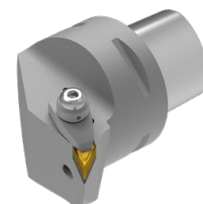
ISO designation	Adapter	LPR mm	BDRED mm	WF mm	torque moment Nm	Insert	£	
HSK T63 DVMN L 16	HSK-T 63	130	53	0	2	VN.. 1604	2D/80	516
HSK T100 DVMN L 16	HSK-T 100	160	88	0	2	VN.. 1604	663.14	813.75 716

Spare parts for Article no.	70 950 ...	80 950 ...	70 950 ...	70 950 ...
	£ 2A/28	£ Y7	£ 2A/28	£ 2A/28
74 525 516	34.83 835	19.68 126	3.79 819	6.77 806
74 525 716	34.83 835	19.68 126	3.79 819	6.77 806

MaxiLock-D – DVPN 117,5° – Toolholder with top clamping



Illustrations show right-hand versions

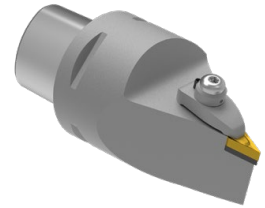
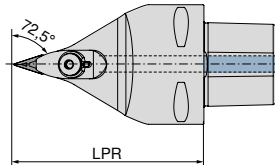


Left-hand **84 673 ...** Right-hand **84 672 ...**

ISO designation	Adapter	LPR mm	WF mm	DMIN mm	torque moment Nm	Insert	£	
PSC40 DVPN R/L 50050-16	PSC 40	50	27	50	10	VN.. 1604	Y8	01695
PSC50 DVPN R/L 65060-16	PSC 50	60	35	65	10	VN.. 1604	685.18	770.46 01694
PSC63 DVPN R/L 80065-16	PSC 63	65	45	80	10	VN.. 1604	841.65	01693 841.65 01693

Spare parts for Article no.	84 950 ...	84 950 ...	84 950 ...	84 950 ...	84 950 ...
	£ Y8	£ Y8	£ Y8	£ Y8	£ Y8
84 672 01695 / 84 673 01695	56.63 28300	67.08 28500	21.60 28400	8.84 27600	66.87 28000
84 672 01694 / 84 673 01694	56.63 28300	67.08 28500	21.60 28400	8.84 27600	66.87 28000
84 672 01693 / 84 673 01693	56.63 28300	67.08 28500	21.60 28400	8.84 27600	66.87 28000

MaxiLock-D – DVVN 72,5° – Toolholder with top clamping



Neutral

84 679 ...

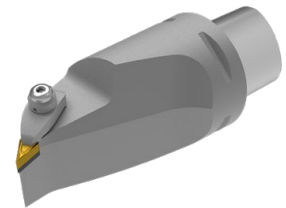
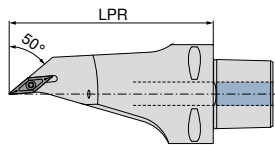
ISO designation	Adapter	LPR mm	torque moment Nm	Insert	£	Y8
PSC63 DVVN N 0100-16	PSC 63	100	10	VN.. 1604	841.65	01693
PSC63 DVVN N 0130-16	PSC 63	130	10	VN.. 1604	841.65	11693

Clamping Screw	Clamping claw	Ring-shaped nozzle	Clamping screw	Solid Carbide Seat V
84 950 ...	84 950 ...	84 950 ...	84 950 ...	84 950 ...
£ Y8	£ Y8	£ Y8	£ Y8	£ Y8
84 679 01693 M6X28 SW4 56.63 28300	67.08 28500	21.60 28400	8.84 27600	66.87 28000
84 679 11693 M6X28 SW4 56.63 28300	67.08 28500	21.60 28400	8.84 27600	66.87 28000

Spare parts for Article no.

84 679 01693	M6X28 SW4	56.63 28300	67.08 28500	21.60 28400	8.84 27600	66.87 28000
84 679 11693	M6X28 SW4	56.63 28300	67.08 28500	21.60 28400	8.84 27600	66.87 28000

MaxiLock-D – DVMN 50° – Toolholder with top clamping



Neutral

84 682 ...

ISO designation	Adapter	LPR mm	torque moment Nm	Insert	£	Y8
PSC63 DVMN L 0130-16	PSC 63	130	10	VN.. 1604	978.53	01693

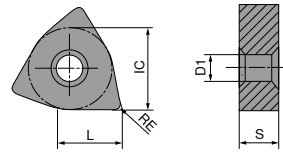
Clamping Screw	Clamping claw	Ring-shaped nozzle	Clamping screw	Solid Carbide Seat V
84 950 ...	84 950 ...	84 950 ...	84 950 ...	84 950 ...
£ Y8	£ Y8	£ Y8	£ Y8	£ Y8
84 682 01693 M6X28 SW4 56.63 28300	67.08 28600	21.60 28400	8.84 27600	66.87 28000

Spare parts for Article no.

84 682 01693	M6X28 SW4	56.63 28300	67.08 28600	21.60 28400	8.84 27600	66.87 28000
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WNMG / WNMA

Designation	L mm	S mm	D1 mm	IC mm
WNMG 0604..	6.5	4.76	3.81	9.52
WNM. 0804..	8.6	4.76	5.16	12.70



WNMG

		-CF20 CTEP110		-TFQ CTEP110		NEW -F50 CTCP115-P		NEW -F50 CTCP125-P		NEW -F50 CTCP135-P		NEW -TFQ CTCP115-P		NEW -TFQ CTCP125-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F		F		F		F		F		F		F	
		CERMET WNMG		CERMET WNMG		WNMG		WNMG		WNMG		WNMG		WNMG	
		76 171 ...		76 177 ...		76 157 ...		76 157 ...		76 157 ...		76 177 ...		76 177 ...	
ISO	RE mm	£		£		£		£		£		£		£	
		1A/78		1A/78		1A/08		1A/08		1A/08		1A/08		1A/08	
060404EN	0.4	11.73	004			12.06	30401	12.06	50401	12.06	70401	13.95	30401	13.95	51401
060408EN	0.8	11.73	006	13.95	006	12.06	30601	12.06	50601	12.06	70601	13.95	30601	13.95	50601
080404EN	0.4			17.48	016	15.18	31601	15.18	51601	15.18	71601				
080408EN	0.8	15.18	018	17.48	018	15.18	31801	15.18	51801	15.18	71801	17.48	31801	17.48	51801
080412EN	1.2					15.18	32001	15.18	52001	15.18	72001	17.48	32001	17.48	52001
P			●		●		●		●		●		●		●
M			○		○						○				
K			○		○		○		○				○		○
N															
S															
H															
O															

9

WNMG

		NEW		NEW		NEW		NEW		NEW	
		-XU CTCP115-P		-XU CTCP125-P		-M50 CTCK110		-M50 CTCK120		-M50 CTCP115-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M WNMG		M WNMG		M WNMG		M WNMG		M WNMG	
		76 295 ...		76 295 ...		70 139 ...		70 139 ...		76 139 ...	
		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08	
ISO	RE mm										
060404EN	0.4							12.06	30401	12.06	50401
060408EN	0.8							12.06	30601	12.06	50601
060412EN	1.2							12.06	30801	12.06	50801
080404EN	0.4	15.19	31601	15.19	51601			15.18	31601	15.18	51601
080408EN	0.8	15.19	31801	15.19	51801	15.18	018	15.18	31801	15.18	51801
080412EN	1.2	15.19	32001	15.19	52001	15.18	020	15.18	32001	15.18	52001
080416EN	1.6							15.18	32201	15.18	52201
P			●		●		○		○		●
M											○
K			○		○		●		●		○
N											
S											
H											
O											

WNMG

		NEW		NEW		NEW		NEW		NEW	
		-TMQ CTCP115-P		-TMQ CTCP125-P		-M70 CTCK110		-M70 CTCK120		-M70 CTCP115-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M WNMG		M WNMG		M WNMG		M WNMG		M WNMG	
		76 198 ...		76 198 ...		70 273 ...		70 273 ...		76 273 ...	
		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08	
ISO	RE mm										
060408EN	0.8							12.06	30601	12.06	50601
060412EN	1.2							12.06	30801	12.06	50801
080408EN	0.8	17.48	31801	17.48	51801	15.18	018	15.18	31801	15.18	51801
080412EN	1.2	17.48	32001	17.48	52001	15.18	020	15.18	32001	15.18	52001
080416EN	1.6					15.18	022	15.18	32201	15.18	52201
P			●		●		○		○		●
M											○
K			○		○		●		●		○
N											
S											
H											
O											

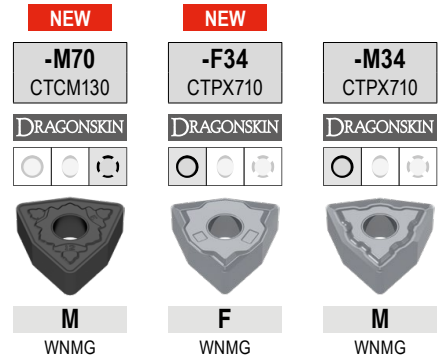
WNMA / WNMG

ISO		RE	CTCK110		CTCK120		-F30 CTCM120		-F30 CTPM125		-F30 CTCM130	
		mm	DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
			R		R		F		F		F	
			WNMA		WNMA		WNMG		WNMG		WNMG	
			70 169 ...		70 169 ...		75 024 ...		75 024 ...		75 024 ...	
			£		£		£		£		£	
			1A/08		1A/08		1A/08		1A/08		1A/08	
060404EN	0.4						12.06	10400	12.06	204	12.06	30400
060408EN	0.8						12.06	10600	12.06	206	12.06	30600
080404EN	0.4						15.18	11600	15.18	216	15.18	31600
080408EN	0.8		15.18	018	15.18	518	15.18	11800	15.18	218	15.18	31800
080412EN	1.2		15.18	020	15.18	520						
080416EN	1.6		15.18	022	15.18	522						
P				○		○		○		○		○
M							●		●		●	
K				●		●						
N												
S												○
H												
O												

WNMG

ISO		RE	-M30 CTCM120		-M30 CTPM125		-M30 CTCM130		NEW -M42 CTCM130		-M60 CTCM120		-M60 CTPM125		-M60 CTCM130	
		mm	DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
			M		M		M		M		M		M		M	
			WNMG		WNMG		WNMG		WNMG		WNMG		WNMG		WNMG	
			75 025 ...		75 025 ...		75 025 ...		75 036 ...		75 026 ...		75 026 ...		75 026 ...	
			£		£		£		£		£		£		£	
			1A/08		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
060404EN	0.4								12.42	30400						
060408EN	0.8		12.06	10600	12.06	206	12.06	30600	12.42	30600	12.06	10600	12.06	206	12.06	30600
060412EN	1.2		12.06	10800	12.06	208	12.06	30800			12.06	10800	12.06	208	12.06	30800
080404EN	0.4								15.64	31600						
080408EN	0.8		15.18	11800	15.18	218	15.18	31800	15.64	31800	15.18	11800	15.18	218	15.18	31800
080412EN	1.2		15.18	12000	15.18	220	15.18	32000	15.64	32000	15.18	12000	15.18	220	15.18	32000
P				○		○		○		○		○		○		○
M				●		●		●		●		●		●		●
K																
N																
S																○
H																
O																

WNMG

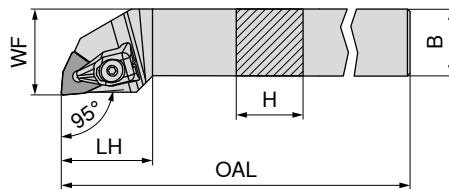


ISO	RE mm	NEW -M70 CTCM130		NEW -F34 CTPX710		NEW -M34 CTPX710	
		£	30600	£	61800	£	61800
060408EN	0.8	12.42					
080408EN	0.8	15.64	31800	16.13	61800	15.86	61800
080412EN	1.2	15.64	32000			15.86	62000
P		○		●		●	
M			●		●		●
K							
N					○		○
S		○			●		●
H							
O							

MaxiLock-D – DWLN 95° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



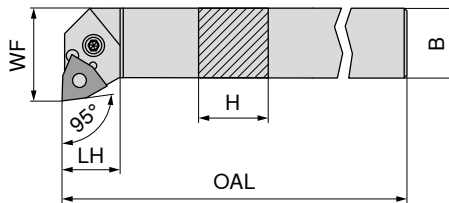
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
								£		£	
DWLN R/L 1616 H06	16	16	100	25	20	2	WN.. 0604	2A/24	716	2A/24	716
DWLN R/L 2020 K06	20	20	125	27	25	2	WN.. 0604	102.99	720	102.99	720
DWLN R/L 2525 M06	25	25	150	27	32	2	WN.. 0604	106.53	725	106.53	725
DWLN R/L 2020 K08	20	20	125	34	25	4	WN.. 0804	102.99	620	102.99	620
DWLN R/L 2525 M08	25	25	150	34	32	4	WN.. 0804	106.53	625	106.53	625

Spare parts for Article no.	XPress type		Key D		Clamping screw		Solid Carbide Seat W	
	£		£		£		£	
70 543 716 / 70 542 716	2A/28	823	Y7	126	2A/28	819	2A/28	807
70 543 720 / 70 542 720	29.18	823	19.68	126	3.79	819	4.11	807
70 543 725 / 70 542 725	29.18	823	19.68	126	3.79	819	4.11	807
70 543 620 / 70 542 620	28.78	824	21.01	128	3.62	820	12.02	812
70 543 625 / 70 542 625	28.78	824	21.01	128	3.62	820	12.02	812

MaxiLock-N – PWLN 95° – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions



ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
								£		£	
PWLN R/L 1616 H06	16	16	100	20	22.5	3	WNMG 0604	92.43	116	92.43	11600 ¹⁾
PWLN R/L 2020 K06	20	20	125	26	25.0	3	WNMG 0604	102.99	12000 ¹⁾	102.99	12000 ¹⁾
PWLN R/L 2525 M06	25	25	150	19	32.0	3	WNMG 0604	106.53	125	106.53	12500 ¹⁾
PWLN R/L 2020 K08	20	20	125	22	25.0	4	WNMG 0804	102.99	020	102.99	020
PWLN R/L 2525 M08	25	25	150	22	32.0	4	WNMG 0804	106.53	025	106.53	025
PWLN R/L 3225 P08	32	25	170	22	32.0	4	WNMG 0804	114.27	032	114.27	032

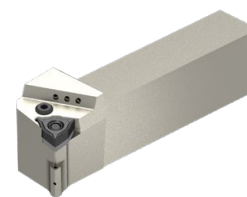
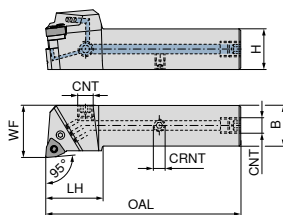
1) nickel-plated

Spare parts for Article no.	Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide Seat W	
	£		£		£		£		£		£	
70 542 11600 / 70 543 116	2A/28	175	2A/28	122	2A/28	191	2A/28	185	2A/28	208	2A/28	127
70 542 12000 / 70 543 12000	2.97	175	2.49	122	1.49	191	15.13	185	3.87	208	8.72	127
70 542 12500 / 70 543 125	2.97	175	2.49	122	1.49	191	15.13	185	3.87	208	8.72	127
70 542 020 / 70 543 020	2.97	176	2.13	198	1.49	192	15.25	187	4.24	209	10.57	235
70 542 025 / 70 543 025	2.97	176	2.13	198	1.49	192	15.25	187	4.24	209	10.57	235
70 542 032 / 70 543 032	2.97	176	2.13	198	1.49	192	15.25	187	4.24	209	10.57	235

MaxiLock-N – PWLN 95° DC – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	NEW Left-hand		NEW Right-hand	
										£	02000	£	02001
PWLN R/L 2020 X06-T DC	20	20	104	35	25	M6	G1/8"	3	WNMG 0604	2A/24	207.80	2A/24	207.80
PWLN R/L 2525 X06-T DC	25	25	120	35	32	M6	G1/8"	3	WNMG 0604	218.74	02500	218.74	02501
PWLN R/L 2020 X08-T DC	20	20	104	35	25	M6	G1/8"	4	WNMG 0804	207.80	12000	207.80	12001
PWLN R/L 2525 X08-T DC	25	25	120	35	32	M6	G1/8"	4	WNMG 0804	218.74	12500	218.74	12501
PWLN R/L 3225 X08-T DC	32	25	135	35	32	M6	G1/8"	4	WNMG 0804	229.68	03200	229.68	03201

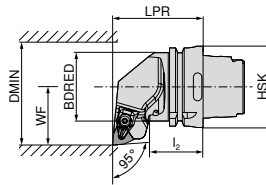
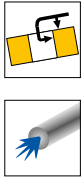
Spare parts for Article no.	Coolant screw plug		Lever		Clamping screw		Solid Carbide Seat W		Grubscrew				
	£	2A/28	£	2A/28	£	2A/28	£	2A/28	£	2A/28			
70 599 02001 / 70 599 02000			4.31	294	15.13	185	3.87	208	8.72	127	M6x6	3.51	86700
70 599 02501 / 70 599 02500			4.31	294	15.13	185	3.87	208	8.72	127	M6x6	3.51	86700
70 599 12001 / 70 599 12000			4.31	294	15.25	187	4.24	209	10.57	235	M6x6	3.51	86700
70 599 12501 / 70 599 12500			4.31	294	15.25	187	4.24	209	10.57	235	M6x6	3.51	86700
70 599 03201 / 70 599 03200			4.31	294	15.25	187	4.24	209	10.57	235	M6x6	3.51	86700

Spare parts for Article no.	Key I		Shim		Assembly pin			
	£	2A/28	£	2A/28	£	2A/28		
70 599 02001 / 70 599 02000								
70 599 02501 / 70 599 02500			2.97	175	2.49	122	1.49	191
70 599 12001 / 70 599 12000			2.97	176	2.13	198	1.49	192
70 599 12501 / 70 599 12500			2.97	176	2.13	198	1.49	192
70 599 03201 / 70 599 03200			2.97	176	2.13	198	1.49	192

MaxiLock-D – DWLN 95° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

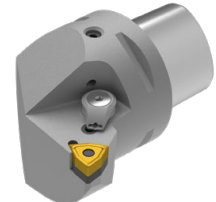
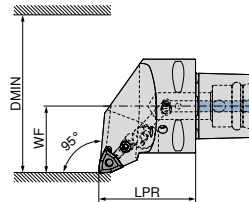
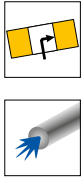
ISO designation	Adapter	LPR mm	I ₂ mm	BDRED mm	WF mm	DMIN mm	Insert	Left-hand		Right-hand	
								£		£	
HSK T63 DWLN R/L 08	HSK-T 63	70	42.00	52.6	45	125	WN.. 0804	74 529 ...		74 528 ...	
								£		£	
								2D/80		2D/80	
HSK T100 DWLN R 08	HSK-T 100	80	45.00	87.6	55	125	WN.. 0804	415.94	508	415.94	508
HSK T100 DWLN L 08	HSK-T 100	80	53.96	87.6	55	125	WN.. 0804	488.29	708	488.29	708

Spare parts for Article no.	XPress type		Key D		Clamping screw		Solid Carbide Seat W	
	£		£		£		£	
74 528 508 / 74 529 508	2A/28	824	Y7	128	2A/28	820	2A/28	812
74 528 708 / 74 529 708	28.78	824	21.01	128	3.62	820	12.02	812

MaxiLock-N – PWLN 95° – Toolholder with lever clamping

Scope of supply:

without high-performance coolant set



Illustrations show right-hand versions

ISO designation	Adapter	LPR mm	WF mm	DMIN mm	torque moment Nm	Insert	Direct cooling compatible	Left-hand		Right-hand	
								£		£	
PSC40 PWLN R/L 50050-08	PSC 40	50	27	50	5	WN.. 0804	DC	84 653 ...		84 652 ...	
								£		£	
								Y8		Y8	
PSC50 PWLN R/L 65060-08	PSC 50	60	35	65	5	WN.. 0804	DC	635.36	00895	635.36	00895
PSC63 PWLN R/L 80065-08	PSC 63	65	45	80	5	WN.. 0804	DC	699.54	00894	699.54	00894
								794.19	00893	794.19	00893

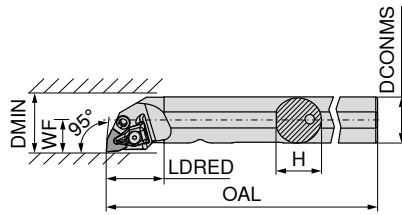
 The high-performance coolant set with article number **84 950 27400** can be ordered as an optional extra → **Page 40**.

Spare parts for Article no.	Shim		Elbow lever screw		Lever		Solid Carbide Seat W	
	£		£		£		£	
84 652 00895 / 84 653 00895	Y8	29200	Y8	28700	Y8	28900	Y8	27700
84 652 00894 / 84 653 00894	3.22	29200	12.55	28700	43.38	28900	66.87	27700
84 652 00893 / 84 653 00893	3.22	29200	12.55	28700	43.38	28900	66.87	27700

MaxiLock-D – DWLN 95° – Boring bar with top clamping

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions

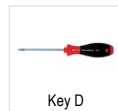


ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 573 ...		Right-hand 70 572 ...	
									£		£	
A25R DWLN R/L 06	25	24	200	32	17	32	2	WN.. 0604	2A/24		2A/24	
A32S DWLN R/L 08	32	31	250	40	22	44	4	WN.. 0804	269.08	725	269.08	725
A40T DWLN R/L 08	40	39	300	45	27	50	4	WN.. 0804	278.30	732	278.30	732
									310.02	64000	310.02	640



XPress type

70 950 ...



Key D

80 950 ...



Clamping screw

70 950 ...



Hydrant

70 950 ...



Solid Carbide Seat W

70 950 ...

Spare parts

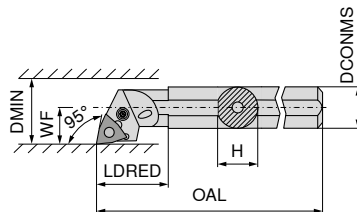
for Article no.

	£		£		£		£		£		£	
70 572 725 / 70 573 725	2A/28		29.18	823	T09 - IP	19.68	126	M3x7 - IP	3.79	819	25.25	834
70 572 732 / 70 573 732			28.78	824	T15 - IP	21.01	128	M4,5x12 - IP	3.62	820	25.25	834
70 572 640 / 70 573 64000			28.78	824	T15 - IP	21.01	128	M4,5x12 - IP	3.62	820	25.25	834

MaxiLock-N – PWLN 95° – Boring bar with lever clamping

Scope of supply:

Boring bar with Allen key

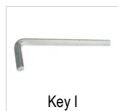


Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 573 ...		Right-hand 70 572 ...	
									£		£	
A16M PWLN R/L 06	16	15	150	20	11	20	3	WNMG 0604	2A/24		2A/24	
A20Q PWLN R/L 06-1	20	19	180	30	13	25	3	WNMG 0604	218.57	11600 ¹⁾	218.57	11600 ¹⁾
A25R PWLN R/L 06	25	23	200	25	17	32	3	WNMG 0604	241.46	12100 ¹⁾	241.46	12100 ¹⁾
A32S PWLN R/L 06	32	30	250	50	22	40	3	WNMG 0604	269.08	12500 ¹⁾	269.08	12500 ¹⁾
A25R PWLN R/L 08	25	23	200	40	17	31	4	WNMG 0804	278.30	132	278.30	132
A32S PWLN R/L 08	32	30	250	50	22	40	4	WNMG 0804	269.19	225	269.19	225
A40T PWLN R/L 08	40	39	300	60	27	50	4	WNMG 0804	278.30	032	278.30	032
									310.02	040	310.02	040

1) nickel-plated



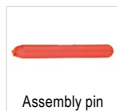
Key I

70 950 ...



Shim

70 950 ...



Assembly pin

70 950 ...



Lever

70 950 ...



Clamping screw

70 950 ...



Solid Carbide Seat W

70 950 ...

Spare parts

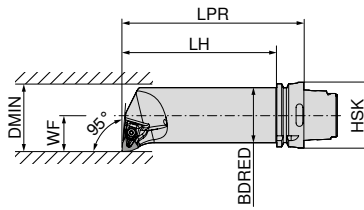
for Article no.

	£		£		£		£		£		£	
70 572 11600 / 70 573 11600	2A/28		2.97	177	SW2				18.13	129	5.13	217
70 572 12100 / 70 573 12100			2.97	177	SW2				18.13	129	5.13	217
70 572 12500 / 70 573 12500			2.97	175	SW2,5	2.49	122	1.49	15.13	185	3.87	208
70 572 132 / 70 573 132			2.97	175	SW2,5	2.49	122	1.49	15.13	185	3.87	208
70 572 225 / 70 573 225			2.97	176	SW3				15.25	187	5.17	205
70 572 032 / 70 573 032			2.97	176	SW3	2.13	198	1.49	15.25	187	4.24	209
70 572 040 / 70 573 040			2.97	176	SW3	2.13	198	1.49	15.25	187	4.24	209

MaxiLock-D – DWLN 95° – Boring bar with top clamping

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions



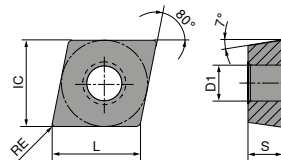
ISO designation	Adapter	LPR mm	LH mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert
HSK T63 50Q DWLN R/L 08	HSK-T 63	175	149	50	35	63	4	WN.. 0804

Left-hand	Right-hand
74 537 ...	74 536 ...
£ 2D/80	£ 2D/80
570.59 508	570.59 508

Spare parts for Article no.	74 536 508 / 74 537 508	T15 - IP	M4,5x12 - IP	XPress type		Key D		Clamping screw		Solid Carbide Seat W	
				£ 2A/28	824	£ Y7	128	£ 2A/28	820	£ 2A/28	812
				70 950 ...	80 950 ...	70 950 ...	70 950 ...				
				£ 28.78	£ 21.01	£ 3.62	£ 12.02				

CCGT / CCMT / CCET

Designation	L mm	S mm	D1 mm	IC mm
CC.T 0602..	6.4	2.38	2.8	6.35
CC.T 09T3..	9.7	3.97	4.4	9.52
CC.T 1204..	12.9	4.76	5.5	12.70



CCGT / CCMT

ISO	RE mm	-CF05 CTEP110		-CF55 CTEP110		-SF TCM407		-SF TCM10		-SMF TCM10		NEW -SF CTCP125-P		NEW -SF CTCP135-P	
		£		£		£		£		£		£		£	
060202EN	0.2	16.78	002	16.78	002	16.26	850	16.26	900			16.78	50201	16.78	70201
060204EN	0.4	16.78	004	9.13	004	16.26	852	16.26	902	8.82	900				
09T302EN	0.2	17.90	014			16.78	854	16.78	904						
09T304EN	0.4	17.90	016	11.73	016	16.78		16.78	906	10.93	904				
09T308EN	0.8	17.90	018	11.73	018			16.78	908	10.93	906				
120404EN	0.4			16.54	028			21.00	910						
P			●		●		●		●		●		●		●
M			○		○		○		○		○		○		○
K			○		○		○		○		○		○		○
N															
S															
H															
O															

CCMT / CCGT

		NEW	NEW	NEW	NEW	NEW	NEW	NEW
		-SF CTCP115-P	-SF CTCP125-P	-SF CTCP135-P	-SMF CTCP115-P	-SMF CTCP125-P	-SMF CTCP135-P	-SM CTCP125-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
		F CCMT	F CCMT	F CCMT	F CCMT	F CCMT	F CCMT	M CCGT
		76 253 ...	76 253 ...	76 253 ...	76 249 ...	76 249 ...	76 249 ...	76 250 ...
ISO	RE mm	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08
060202EN	0.2							
060204EN	0.4	9.41 30401	9.41 50401	9.41 70401		9.41 50401	9.41 70401	
060208EN	0.8					9.41 50601		
09T304EN	0.4	11.75 31601	11.75 51601	11.75 71601	11.75 31601	11.75 51601	11.75 71601	
09T308EN	0.8	11.75 31801	11.75 51801		11.75 31801	11.75 51801		
120404EN	0.4		16.54 52801			16.54 52801		
120408EN	0.8		16.54 53001		16.54 33001		16.54 73001	
P		●	●	●	●	●	●	●
M				○			○	
K		○	○		○	○		○
N								
S								
H								
O								

9

CCGT / CCMT

		NEW	NEW	NEW	NEW	NEW	NEW
		-SM CTCP135-P	-SM CTCK110	-SM CTCK120	-SM CTCP115-P	-SM CTCP125-P	-SMQ CTCP115-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
		M CCGT	M CCMT	M CCMT	M CCMT	M CCMT	F CCMT
		76 250 ...	70 252 ...	70 252 ...	76 252 ...	76 252 ...	76 194 ...
ISO	RE mm	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08
060202EN	0.2	16.78 70201					
060204EN	0.4		9.41 004	9.41 554	9.41 30401	9.41 50401	9.41 70401
060208EN	0.8		9.41 006	9.41 506	9.41 30601	9.41 70601	
09T304EN	0.4		11.75 016	11.75 516	11.75 31601	11.75 51601	11.75 71601
09T308EN	0.8		11.75 018	11.75 518	11.75 31801	11.75 51801	11.75 71801
09T312EN	1.2		11.75 020	11.75 520			13.23 31601
							13.23 31801
120404EN	0.4		16.54 028	16.54 528	16.54 32801	16.54 52801	16.54 72801
120408EN	0.8		16.54 030	16.54 530	16.54 33001	16.54 53001	16.54 73001
120412EN	1.2					16.54 53201	18.57 32801
							18.57 33001
P		●	○	○	●	●	●
M		○				○	
K			●	●	○	○	○
N							
S							
H							
O							

CCMT

		NEW		NEW		NEW		NEW	
		-SMQ CTCP125-P	-M25 CTCM120	-SF CTPM125	-M25 CTPM125	-F43 CTCM130	-M25 CTCM130	-SM CTCM130	
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	
		F CCMT	F CCMT	F CCMT	F CCMT	F CCMT	F CCMT	M CCMT	
		76 194 ...	75 210 ...	75 042 ...	75 210 ...	75 031 ...	75 210 ...	75 047 ...	
ISO	RE mm	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	
060204EN	0.4		9.41 10400	9.70 20400	9.41 204		9.41 30400	9.70 30400	
09T304EN	0.4	13.23 51601	11.75 11600	12.11 21600	11.75 216	12.11 31600	11.75 31600	12.11 31600	
09T308EN	0.8	13.23 51801	11.75 11800		11.75 218	12.11 31800	11.75 31800	12.11 31800	
120404EN	0.4	18.57 52801						17.05 32800	
120408EN	0.8	18.57 53001						17.05 33000	
P		●	○	○	○	○	○	○	
M			●	●	●	●	●	●	
K		○							
N									
S						○	○	○	
H									
O									

CCMT / CCGT

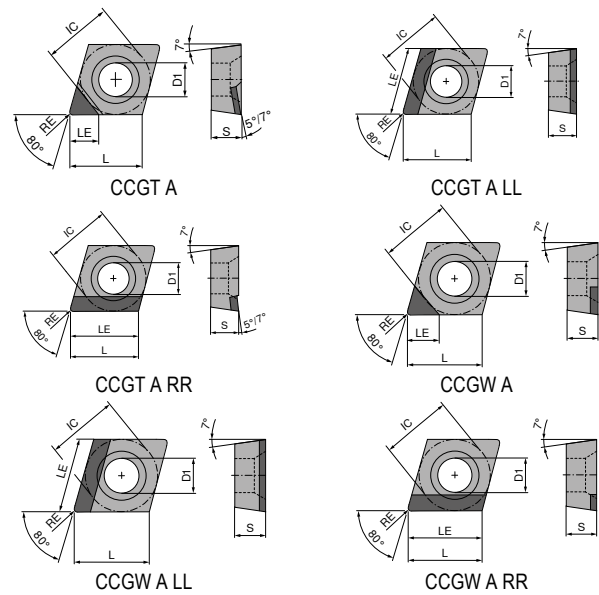
		-M55 CTCM120	-M55 CTPM125	-M55 CTCM130	-23P H216T	-25P H210T	-25P CTPX710
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN			DRAGONSKIN
		M CCMT	M CCMT	M CCMT	F CCGT	F CCGT	M CCGT
		75 211 ...	75 211 ...	75 211 ...	70 255 ...	70 248 ...	70 248 ...
ISO	RE mm	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/90	£ 1A/90	£ 1A/90
060202FN	0.2				13.23 652	13.23 636	15.74 70200
060204EN	0.4	9.41 10400	9.41 204	9.71 30400			
060204FN	0.4				13.23 654	13.23 638	15.74 70400
09T302FN	0.2					13.84 639	16.11 71400
09T304EN	0.4	11.75 11600	11.75 216	11.75 31600			
09T304FN	0.4				13.84 656	13.84 640	16.11 71600
09T308EN	0.8	11.75 11800	11.75 218	11.75 31800			
09T308FN	0.8				13.84 658	13.84 641	16.11 71800
120402FN	0.2					16.12 643	
120404EN	0.4	16.54 12800	16.54 228	16.54 32800			
120404FN	0.4					16.12 642	20.57 72800
120408EN	0.8	16.54 13000	16.54 230	16.54 33000			
120408FN	0.8					16.12 644	20.57 73000
P			○	○	○		●
M		●	●	●			●
K					○	○	
N					●	●	●
S				○		○	●
H							
O					○	○	

CCGT / CCMT / CCET

		-25Q H210T		-25Q CTPX710		-27 H10T		-27 CTPX715		-29 H216T		NEW -29 CTPX715		NEW -F05 CTPX710	
				DRAGONSKIN				DRAGONSKIN				DRAGONSKIN		DRAGONSKIN	
		M CCGT		M CCGT		M CCGT		M CCGT		M CCMT		M CCMT		F CCET	
		70 248 ...		70 248 ...		70 254 ...		70 254 ...		70 245 ...		70 245 ...		76 243 ...	
ISO	RE mm	£		£		£		£		£		£		£	
		1A/90		1A/90		1A/90		1A/90		1A/90		1A/90		1A/08	
060201FN	0.1													23.53	10100
060202FN	0.2					12.37	600	15.03	80200					23.53	10200
060204EN	0.4									9.54	60400	11.90	70400		
060204FN	0.4	14.36	678	19.00	75400	12.37	602	15.03	80400					23.53	10400
09T302FN	0.2					13.23	604	15.46	81400						
09T304EN	0.4									10.13	61600	12.29	71600		
09T304FN	0.4	15.18	680	19.89	76600	13.23	606	15.46	81600						
09T308EN	0.8									10.13	61800	12.29	71800		
09T308FN	0.8	15.18	681	19.89	76800	13.23	608	15.46	81800						
09T316FN	1.6							19.07	72200						
120402FN	0.2					15.44	610	19.25	82600						
120404FN	0.4	17.90	682	22.36	77800	15.44	612	19.25	82800						
120408FN	0.8	17.90	686	22.36	78000	15.44	614	19.25	83000						
P			•		•		•		•		•		•		•
M			•		•		•		•		•		•		•
K		○		○		○		○		○		○		○	
N		•		•		•		•		•		•		•	
S		○		•		•		•		•		•		•	
H															
O		○		○		○		○		○		○		○	

CCGW / CCGT

Designation	L mm	S mm	D1 mm	IC mm
CCG. 0602..	6.4	2.38	2.8	6.35
CCG. 09T3..	9.7	3.97	4.4	9.52
CCG. 1204..	12.9	4.76	5.5	12.70



CCGW / CCGT

▲ TCE(NOI) = Design and number of equipped cutting edge corners

ISO	RE mm	TCE (NOI)	LE mm	CTDMD05		CTDPD20		CTDPD20		-Q CTDPD20		-Q CTDPD20	
				£	Y0	£	Y0	£	Y0	£	Y0	£	Y0
060201FN	0.1	A (1)	3.4										
060201FN	0.1	A (1)	3.5										
060202FN	0.2	A (1)	2.5	461.06	050								
060202FN	0.2	A (1)	3.3										
060202FN	0.2	A (1)	3.4			129.55	100	121.54	100	131.40	102	131.40	102
060204FN	0.4	A (1)	2.5	461.06	052								
060204FN	0.4	A (1)	3.1										
060204FN	0.4	A (1)	3.2			129.55	102	121.54	102	131.40	104	131.40	104
060208FN	0.8	A (1)	2.5	461.06	05300								
060208FN	0.8	A (1)	3.0			129.55	10300	121.54	10300				
09T301FN	0.1	A (1)	4.5							131.37	111	131.37	111
09T302FN	0.2	A (1)	4.4							131.37	112	131.37	112
09T302FN	0.2	A (1)	4.5			133.82	10500	124.43	10500				
09T304FN	0.4	A (1)	2.5	470.22	054								
09T304FN	0.4	A (1)	4.2							131.37	114	131.37	114
09T304FN	0.4	A (1)	4.3			133.82	104	124.43	104				
09T308FN	0.8	A (1)	2.5	470.22	056								
09T308FN	0.8	A (1)	4.1			133.82	106	124.43	106				
120402FN	0.2	A (1)	4.4							136.22	122	136.22	122
120404FN	0.4	A (1)	4.2							136.22	124	136.22	124
120404FN	0.4	A (1)	4.3			106.56	108	106.56	108				
120408FN	0.8	A (1)	4.1			106.56	110	106.56	110				

P					
M					
K					
N	•		•		•
S					
H					
O	•		•		•

CCGW / CCGT

▲ TCE(NOI) = Design and number of equipped cutting edge corners

ISO	RE mm	TCE (NOI)	LE mm	CTDPD20		CTDPD20		-CB1 CTDPD20		-CB2 CTDPD20		-CB1 CTDPD20		-Q-CB2 CTDPD20	
				£	Y0	£	Y0	£	Y0	£	Y0	£	Y0	£	Y0
				71 172 ...		71 172 ...		71 300 ...		71 168 ...		71 305 ...		71 169 ...	
				DIAMOND CCGW		DIAMOND CCGW		DIAMOND CCGT		DIAMOND CCGT		DIAMOND CCGT		DIAMOND CCGT	
060202FN	0.2	A (1)	3.40					117.65	102						
060204FN	0.4	A (1)	3.10									135.12	104		
060204FN	0.4	A (1)	3.20					117.65	104	96.70	10001				
060204FRR	0.4	A (1)	6.45			127.54	10101								
060204FLL	0.4	A (1)	6.45	127.54	10001										
060208FN	0.8	A (1)	3.00					117.65	10600						
09T302FN	0.2	A (1)	4.40											113.16	10001
09T302FN	0.2	A (1)	4.50					115.67	112						
09T304FN	0.4	A (1)	4.20									136.81	114	113.16	10101
09T304FN	0.4	A (1)	4.30					115.67	114						
09T308FN	0.8	A (1)	4.10					115.67	118						
09T308FRR	0.8	A (1)	9.70			135.77	10301								
09T308FLL	0.8	A (1)	9.70	135.77	10201										
09T312FLL	1.2	A (1)	9.70	135.77	10401										
120404FN	0.4	A (1)	4.20									140.15	124	115.18	10201
120404FN	0.4	A (1)	4.30					127.62	124						
120408FN	0.8	A (1)	4.10					127.62	128						
120412FRR	1.2	A (1)	12.90			150.19	10601								
120412FLL	1.2	A (1)	12.90	150.19	10501										
P															
M															
K															
N						•	•	•	•	•	•	•	•	•	•
S															
H															
O						•	•	•	•	•	•	•	•	•	•

CCGT / CCGW

▲ TCE(NOI) = Design and number of equipped cutting edge corners

ISO	RE mm	TCE (NOI)	LE mm	71 166 ...		71 125 ...		71 126 ...		71 170 ...		71 170 ...		71 301 ...	
				£ Y0		£ Y0	152	£ Y0	152	£ Y0		£ Y0		£ Y0	
060201FN	0.1	A (1)	3.50	88.47	20001										
060202FN	0.2	A (1)	3.30			131.40	152	131.40	152						
060202FN	0.2	A (1)	3.40	88.47	20101									117.65	202
060204FN	0.4	A (1)	3.20											117.65	204
060204FRR	0.4	A (1)	6.45									127.54	20101		
060204FLL	0.4	A (1)	6.45							127.54	20001				
060208FN	0.8	A (1)	3.00											117.65	208
060208FRR	0.8	A (1)	6.45									127.54	20301		
060208FLL	0.8	A (1)	6.45							127.54	20201				
09T301FN	0.1	A (1)	4.50			131.37	16300								
09T302FN	0.2	A (1)	4.40			131.37	162	131.37	162						
09T302FN	0.2	A (1)	4.50	90.51	20201									132.13	212
09T304FN	0.4	A (1)	4.30											132.13	214
09T308FN	0.8	A (1)	4.10											132.13	218
09T308FRR	0.8	A (1)	9.70									135.77	20501		
09T308FLL	0.8	A (1)	9.70							135.77	20401				
120402FN	0.2	A (1)	4.40					136.22	172						
120404FN	0.4	A (1)	4.20					136.22	174						
120404FN	0.4	A (1)	4.30	90.51	20301									127.62	224
120408FN	0.8	A (1)	4.10											127.62	228
120412FRR	1.2	A (1)	12.90									150.19	20701		
120412FLL	1.2	A (1)	12.90							150.19	20601				

P															
M															
K															
N				•		•		•		•		•		•	
S															
H															
O				•		•		•		•		•		•	

CCGT / CCGW

▲ TCE(NOI) = Design and number of equipped cutting edge corners

-Q-CB2 CTDPS30	CTDPU20	-CB3 CTDPU20	CTDPS30
M DIAMOND CCGT	F DIAMOND CCGW	R DIAMOND CCGT	F DIAMOND CCGW
71 306 ...	71 171 ...	71 302 ...	71 171 ...
£ Y0	£ Y0	£ Y0	£ Y0
202			20001
135.12			20101
204		93.62	20201
		204	
136.81			20301
212			
136.81			20401
	92.58	102.27	
	30001	214	
	92.58	102.27	
	30101	218	
140.15			
222			
140.15			
			92.58
			20501

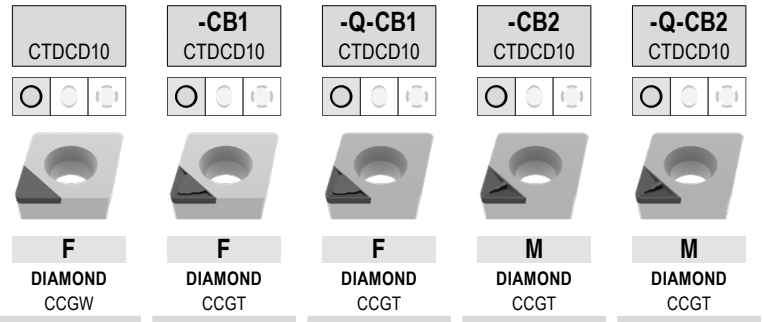
ISO	RE mm	TCE (NOI)	LE mm
060201FN	0.1	A (1)	3.5
060202FN	0.2	A (1)	3.3
060202FN	0.2	A (1)	3.4
060204FN	0.4	A (1)	3.1
060204FN	0.4	A (1)	3.2
09T302FN	0.2	A (1)	4.4
09T302FN	0.2	A (1)	4.5
09T304FN	0.4	A (1)	4.2
09T304FN	0.4	A (1)	4.3
09T308FN	0.8	A (1)	4.1
120402FN	0.2	A (1)	4.4
120404FN	0.4	A (1)	4.2
120404FN	0.4	A (1)	4.3

P				
M				
K				
N		•	•	•
S				
H				
O		•	•	•

9

CCGW / CCGT

▲ TCE(NOI) = Design and number of equipped cutting edge corners



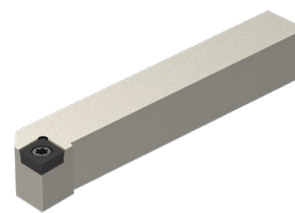
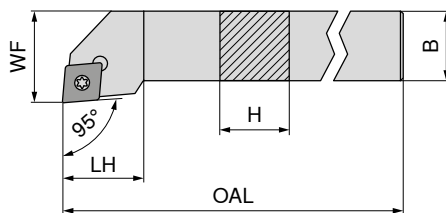
ISO	RE mm	TCE (NOI)	LE mm	71 171 ...		71 300 ...		71 167 ...		71 301 ...		71 306 ...	
				£ Y0	40001	£ Y0	302	£ Y0	40001	£ Y0	30200	£ Y0	304
060202FN	0.2	A (1)	2.3					135.77	40001				
060202FN	0.2	A (1)	2.4	100.80	40001	149.27	302			149.27	30200		
060204FN	0.4	A (1)	2.1					135.77	40101			158.94	304
060204FN	0.4	A (1)	2.2	100.80	40101	149.27	304			149.27	304		
060208FN	0.8	A (1)	2.0			149.27	30600						
09T302FN	0.2	A (1)	2.3									166.76	31200
09T302FN	0.2	A (1)	2.4	109.03	40201					149.27	31200		
09T304FN	0.4	A (1)	2.1					137.84	40201			166.76	314
09T304FN	0.4	A (1)	2.2	109.03	40301	154.15	314			154.15	314		
09T308FN	0.8	A (1)	2.0	109.03	40401					154.15	31600		
120404FN	0.4	A (1)	2.1					139.86	40301			163.80	324
120404FN	0.4	A (1)	2.2							173.48	32600		
120408FN	0.8	A (1)	2.0	117.27	40501								
120408FN	0.8	A (1)	2.1							173.48	328		

P													
M													
K													
N				•		•		•		•		•	
S													
H													
O				•		•		•		•		•	

MaxiLock-S – SCLC 95° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

NEW		NEW	
Left-hand		Right-hand	
70 636 ...		70 636 ...	
£		£	
2A/24		2A/24	
74.49	00800	74.49	00801
79.44	01000	79.44	01001
79.44	01200	79.44	01201
99.31	01600	99.31	01601
105.27	02000	105.27	02001
99.31	11600	99.31	11601
105.27	12000	105.27	12001
109.25	12500	109.25	12501
114.20	13200	114.20	13201

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert
SCLC R/L 0808 D06	8	8	60	9	10	1,2	CC.. 0602
SCLC R/L 1010 E06	10	10	70	9	12	1,2	CC.. 0602
SCLC R/L 1212 F09	12	12	80	15	16	3,2	CC.. 09T3
SCLC R/L 1616 H09	16	16	100	17	20	3,2	CC.. 09T3
SCLC R/L 2020 K09	20	20	125	17	25	3,2	CC.. 09T3
SCLC R/L 1616 H12	16	16	100	20	20	5	CC.. 1204
SCLC R/L 2020 K12	20	20	125	20	25	5	CC.. 1204
SCLC R/L 2525 M12	25	25	150	20	32	5	CC.. 1204
SCLC R/L 3225 P12	32	25	170	20	32	5	CC.. 1204

Spare parts for Article no.

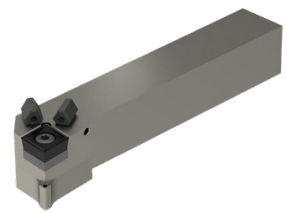
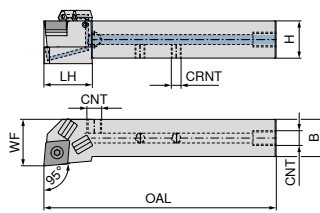
70 636 00800 / 70 636 00801	11.62	039	4.96	857				
70 636 01000 / 70 636 01001	11.62	039	4.96	857				
70 636 01200 / 70 636 01201	16.05	120	4.72	87900				
70 636 01600 / 70 636 01601	16.05	120	4.72	87900				
70 636 02000 / 70 636 02001	16.05	120	4.72	87900				
70 636 11600 / 70 636 11601	16.05	120	3.62	820	14.98	166	5.62	170
70 636 12000 / 70 636 12001	16.05	120	3.62	820	14.98	166	5.62	170
70 636 12500 / 70 636 12501	16.05	120	3.62	820	14.98	166	5.62	170
70 636 13200 / 70 636 13201	16.05	120	3.62	820	14.98	166	5.62	170

Key D	Clamping screw	Carbide type C	Threaded sleeve
80 950 ...	70 950 ...	70 950 ...	70 950 ...
£	£	£	£
Y7	2A/28	2A/28	2A/28
11.62	4.96		
039	857		
11.62	4.96		
039	857		
16.05	4.72		
120	87900		
16.05	4.72		
120	87900		
16.05	3.62	14.98	5.62
120	820	166	170
16.05	3.62	14.98	5.62
120	820	166	170
16.05	3.62	14.98	5.62
120	820	166	170

MaxiLock-S – SCLC 95° DC – Tool holder with screw clamping

Scope of supply:

Tool holder with blind plug and Torx key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	NEW	
										Left-hand	Right-hand
										70 770 ...	70 770 ...
										£	£
SCLC R/L 1010 E06 DC	10	10	70	14	12	M6	M6	1,2	CC.. 0602	2A/24	2A/24
SCLC R/L 1212 F09 DC	12	12	80	19	16	M6	M6	3,2	CC.. 09T3	168.10 01001	168.10 01200
SCLC R/L 1616 H09 DC	16	16	100	26	20	M6	G1/8"	3,2	CC.. 09T3	186.88 11601	186.88 01600
SCLC R/L 2020 K09 DC	20	20	125	28	25	M6	G1/8"	3,2	CC.. 09T3	198.04 12001	198.04 02000
SCLC R/L 1616 H12 DC	16	16	100	28	20	M6	G1/8"	5	CC.. 1204	186.88 01601	186.88 11600
SCLC R/L 2020 K12 DC	20	20	125	26	25	M6	G1/8"	5	CC.. 1204	198.04 02001	198.04 12000
SCLC R/L 2525 M12 DC	25	25	150	28	30	M6	G1/8"	5	CC.. 1204	205.52 02501	205.52 02500
SCLC R/L 3225 P12 DC	32	25	170	26	32	G1/8"	G1/8"	5	CC.. 1204	215.80 03201	215.80 03200

Spare parts for Article no.

	£		£		£		£		£
	2A/28		2A/28		2A/28		2A/28		2A/28
70 770 01000 / 70 770 01001	4.96	857					3.51	86700	
70 770 01200 / 70 770 01201	3.79	859					3.51	86700	
70 770 01600 / 70 770 11601	4.72	87900	11.71	165	2.16	88000	3.51	86700	5.62
70 770 02000 / 70 770 12001	4.72	87900	11.71	165	2.16	88000	3.51	86700	5.62
70 770 11600 / 70 770 01601	3.62	820	14.98	166	2.16	88000	3.51	86700	5.62
70 770 12000 / 70 770 02001	3.62	820	14.98	166	2.16	88000	3.51	86700	5.62
70 770 02500 / 70 770 02501	3.62	820	14.98	166	2.16	88000	3.51	86700	5.62
70 770 03200 / 70 770 03201	3.62	820	14.98	166	2.16	88000			5.62

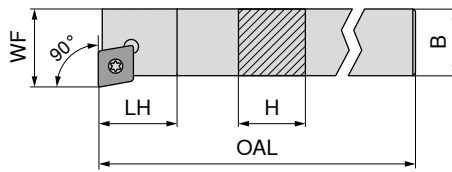
Spare parts for Article no.

	£		£		£		£		£
	2A/28		Y7		2A/28		2A/28		2A/28
70 770 01000 / 70 770 01001			11.62	039					
70 770 01200 / 70 770 01201			16.05	120					
70 770 01600 / 70 770 11601	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31
70 770 02000 / 70 770 12001	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31
70 770 11600 / 70 770 01601	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31
70 770 12000 / 70 770 02001	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31
70 770 02500 / 70 770 02501	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31
70 770 03200 / 70 770 03201	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31

MaxiLock-S – SCFC 90° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
								70 761 ...	70 760 ...	70 761 ...	70 760 ...
SCFC R 0808 D06	8	8	60	10	10	1,2	CC.. 0602	£ 2A/24	£ 2A/24	73.78	008
SCFC R 1010 E06	10	10	70	10	12	1,2	CC.. 0602			78.22	010
SCFC R 1212 F09	12	12	80	13	16	3,2	CC.. 09T3			78.22	012
SCFC R 1616 H09	16	16	100	13	20	3,2	CC.. 09T3			96.89	016
SCFC R/L 2020 K12	20	20	125	17	25	5	CC.. 1204	102.99	02000 ¹⁾	102.99	020

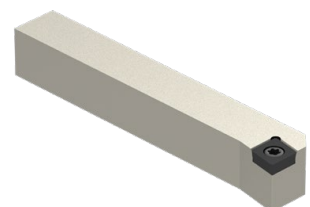
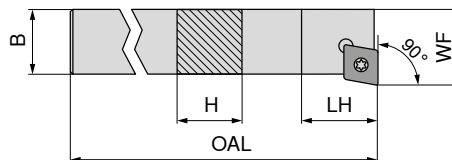
1) nickel-plated

Spare parts for Article no.	80 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
Key D	£ Y7	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28
Combination Key					
Clamping screw					
Carbide type C					
Threaded sleeve					
70 760 008	13.73 110		2.86 13800		
70 760 010	13.73 110		2.86 13800		
70 760 012	16.32 113		3.79 113		
70 760 016		10.04 398	3.79 113	11.71 165	5.62 171
70 760 020 / 70 761 02000		10.04 398	3.13 114	14.98 166	5.62 170

MaxiLock-S – SCFC 90° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



NEW

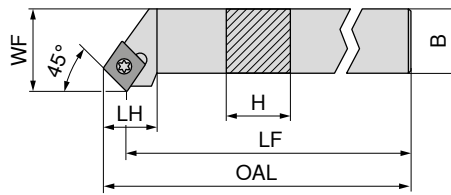
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand	
								70 635 ...	70 635 ...
SCFC L 0808 D06	8	8	60	10	10	1,2	CC.. 0602	£ 2A/24	£ 74.49 00800
SCFC L 1010 E06	10	10	70	10	12	1,2	CC.. 0602		£ 79.44 01000
SCFC L 1212 F09	12	12	80	13	16	3,2	CC.. 09T3		£ 79.44 01200
SCFC L 1616 H09	16	16	100	13	20	3,2	CC.. 09T3		£ 99.31 01600

Spare parts for Article no.	80 950 ...	70 950 ...
Key D	£ Y7	£ 2A/28
Clamping screw		
70 635 00800	11.62 039	4.96 857
70 635 01000	11.62 039	4.96 857
70 635 01200	16.05 120	4.72 87900
70 635 01600	16.05 120	4.72 87900

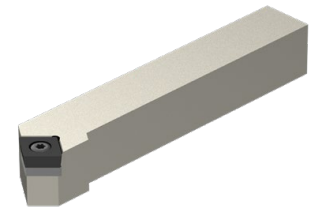
MaxiLock-S – SCSC 45° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

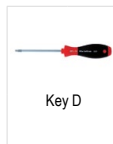


ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	£	£
SCSC R 1616 H12	16	16	100	20	20	5	CC.. 1204	2A/24	99.31 01601
SCSC R/L 2020 K12	20	20	125	20	25	5	CC.. 1204	105.27 02000	105.27 02001
SCSC R/L 2525 M12	25	25	150	20	32	5	CC.. 1204	109.25 02500	109.25 02501

Spare parts

for Article no.

Article no.	Part	Price	Part	Price	Part	Price	Part	Price	
70 638 01601	T15 - IP	16.05	M4,5x12 - IP	3.62	820	14.98	M4,5	5.62	170
70 638 02001 / 70 638 02000	T15 - IP	16.05	M4,5x12 - IP	3.62	820	14.98	M4,5	5.62	170
70 638 02501 / 70 638 02500	T15 - IP	16.05	M4,5x12 - IP	3.62	820	14.98	M4,5	5.62	170



Key D



Clamping screw



Carbide type C



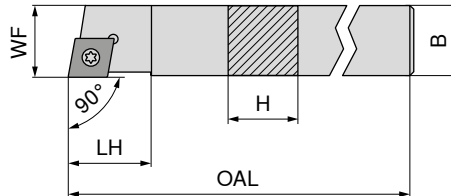
Threaded sleeve

MaxiLock-S – SCAC 90° – Toolholder with screw clamping

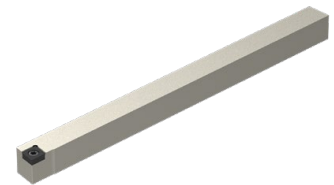
▲ for sliding head lathes

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

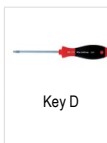


ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	£	£
SCAC R/L 0808 K06	8	8	125	9	8	1.2	CC.. 0602	2A/24	79.44 10800
SCAC R/L 0808 D06	8	8	60	9	8	1.2	CC.. 0602	74.49 00800	74.49 00801
SCAC R/L 1010 E06	10	10	70	9	10	1.2	CC.. 0602	79.44 01000	79.44 01001
SCAC R/L 1010 M06	10	10	150	9	10	1.2	CC.. 0602	79.44 11000	79.44 11001
SCAC R/L 1212 F09	12	12	80	13	12	3.2	CC.. 09T3	79.44 01200	79.44 01201
SCAC R/L 1212 M09	12	12	150	13	12	3.2	CC.. 09T3	89.36 11200	89.36 11201
SCAC R/L 1616 H09	16	16	100	13	16	3.2	CC.. 09T3	99.31 11600	99.31 11601
SCAC R/L 2020 K12	20	20	125	17	20	5	CC.. 1204	105.27 12000	105.27 12001

Spare parts

for Article no.

Article no.	Part	Price	Part	Price	Part	Price	Part	Price	
70 633 10801 / 70 633 10800	Y7	11.62	039	4.96	857				
70 633 00801 / 70 633 00800	Y7	11.62	039	4.96	857				
70 633 01001 / 70 633 01000	Y7	11.62	039	4.96	857				
70 633 11001 / 70 633 11000	Y7	11.62	039	4.96	857				
70 633 01201 / 70 633 01200	Y7	16.05	120	4.72	87900				
70 633 11201 / 70 633 11200	Y7	16.05	120	4.72	87900				
70 633 11601 / 70 633 11600	Y7	16.05	120	4.72	87900				
70 633 12001 / 70 633 12000	Y7	16.05	120	3.62	820	14.98	166	5.62	170



Key D



Clamping screw



Carbide type C



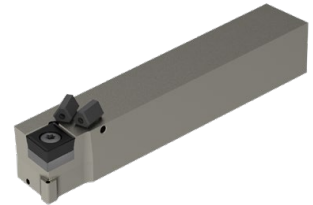
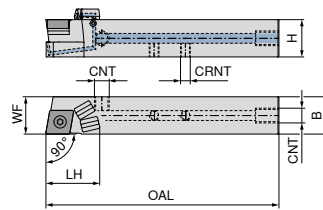
Threaded sleeve

MaxiLock-S – SCAC 90° DC – Tool holder with screw clamping

▲ for sliding head lathes

Scope of supply:

Tool holder with blind plug and Torx key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	NEW Left-hand		NEW Right-hand			
										70 766 ...	£	70 766 ...	£		
SCAC R/L 1212 M09 DC	12	12	150	21	12	M6	M6	3,2	CC.. 09T3	2A/24	179.65	11201	2A/24	179.65	11200
SCAC R/L 1212 F09 DC	12	12	80	22	12	M6	M6	3,2	CC.. 09T3	2A/24	168.10	01201	2A/24	168.10	01200
SCAC R/L 1616 H09 DC	16	16	100	30	16	M6	G1/8"	3,2	CC.. 09T3	2A/24	186.88	01601	2A/24	186.88	01600
SCAC R/L 2020 K12 DC	20	20	125	30	20	M6	G1/8"	5	CC.. 1204	2A/24	198.04	02001	2A/24	198.04	02000

Spare parts for Article no.

Article no.	£	Article no.	£	Article no.	£	Article no.	£	Article no.	£	
70 766 11200 / 70 766 11201	3.79	859	2A/28	70 950 ...	11.71	165	2A/28	70 950 ...	3.51	86700
70 766 01200 / 70 766 01201	3.79	859	2A/28	70 950 ...	2.16	88000	2A/28	70 950 ...	3.51	86700
70 766 01600 / 70 766 01601	4.72	87900	2A/28	70 950 ...	2.16	88000	2A/28	70 950 ...	5.62	171
70 766 02000 / 70 766 02001	3.62	820	2A/28	70 950 ...	2.16	88000	2A/28	70 950 ...	5.62	170

Spare parts for Article no.

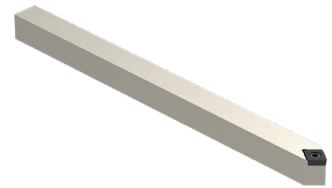
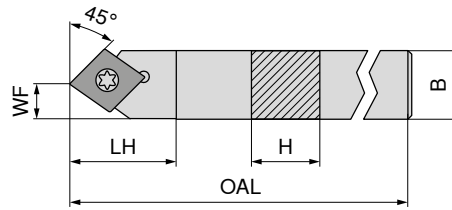
Article no.	£	Article no.	£	Article no.	£	Article no.	£	Article no.	£	
70 766 11200 / 70 766 11201	1.52	87600	16.05	120	2A/28	70 950 ...	1.32	88100	29.58	87700
70 766 01200 / 70 766 01201	1.52	87600	16.05	120	2A/28	70 950 ...	1.32	88100	29.58	87700
70 766 01600 / 70 766 01601	1.52	87600	16.05	120	2A/28	70 950 ...	1.32	88100	4.31	294
70 766 02000 / 70 766 02001	1.52	87600	16.05	120	2A/28	70 950 ...	1.32	88100	4.31	294

70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28
Sealing plugs DC	Key D	O-Ring	Coolant nozzle DC	Coolant screw plug
70 950 ...	80 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ Y7	£ 2A/28	£ 2A/28	£ 2A/28

MaxiLock-S – SCDC 45° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



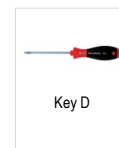
NEW

Left-hand

70 634 ...

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	£	
SCDC L 0808 K06	8	8	125	13	4	1,2	CC.. 0602	74.49	00800
SCDC L 1010 M06	10	10	150	13	5	1,2	CC.. 0602	79.44	01000
SCDC L 1212 M09	12	12	150	18	6	3,2	CC.. 09T3	89.36	01200
SCDC L 1414 M09	14	14	150	18	7	3,2	CC.. 09T3	89.36	01400

£
2A/24



Key D



Clamping screw

80 950 ...

70 950 ...

**Spare parts
for Article no.**

Article no.	Part	£		£	
70 634 00800	T08 - IP	11.62	039	4.96	857
70 634 01000	T08 - IP	11.62	039	4.96	857
70 634 01200	T15 - IP	16.05	120	4.72	87900
70 634 01400	T15 - IP	16.05	120	4.72	87900

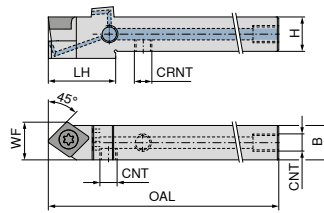
£
Y7

£
2A/28

MaxiLock-S – SCDC 45° DC – Tool holder with screw clamping

Scope of supply:

Tool holder with blind plug and Torx key

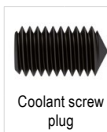


NEW

Left-hand

70 767 ...

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	£ 2A/24	
SCDC L 0808 K06 DC	8	8	125	17	8.5	M5	M5	1,2	CC.. 0602	168.10	00801
SCDC L 1010 M06 DC	10	10	150	17	10.0	M6	M6	1,2	CC.. 0602	168.10	01001
SCDC L 1212 M09 DC	12	12	150	23	13.0	M6	M6	3,2	CC.. 09T3	179.65	01201
SCDC L 1414 M09 DC	14	14	150	25	14.0	M6	G1/8"	3,2	CC.. 09T3	179.65	01401



Coolant screw plug

70 950 ...

£
2A/28



Clamping screw

70 950 ...

£
2A/28



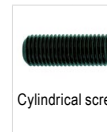
Grubscrew

70 950 ...

£
2A/28

**Spare parts
for Article no.**

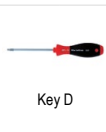
70 767 00801											
70 767 01001									M2,5x6 - T08	2.86	13800
70 767 01201									M2,5x6 - T08	2.86	13800
70 767 01401									M3,5x11	3.79	113
									M3,5x11	3.79	113
									G 1/8"	4.31	294



Cylindrical screw

83 950 ...

£
Y7



Key D

80 950 ...

£
Y7

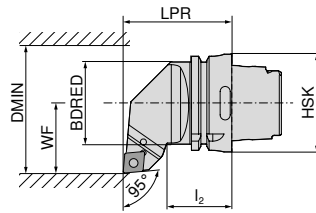
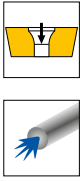
**Spare parts
for Article no.**

70 767 00801									M5x5 - SW2,5	3.85	157		
70 767 01001									T08 - IP	11.62	039		
70 767 01201									T08 - IP	11.62	039		
70 767 01401									T15 - IP	16.05	120		
									T15 - IP	16.05	120		

MaxiLock-S – SCLC 95° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



ISO designation	Adapter	LPR mm	I ₂ mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand			
									£	512	£	512		
HSK T63 SCLC R/L 12	HSK-T 63	70	42	53	45	100	5	CC.. 1204	74 541 ...	£ 2D/80	411.94	74 540 ...	£ 2D/80	411.94

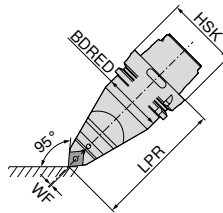
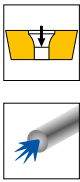
Spare parts for Article no.	74 540 512 / 74 541 512	T15/SW	70 950 ...		70 950 ...		70 950 ...		70 950 ...	
			£	398	£	114	£	166	£	170
			2A/28	10.04	M4,5x12	3.13	2A/28	14.98	M4,5	5.62



MaxiLock-S – SCMC 50° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



ISO designation	Adapter	LPR mm	BDRED mm	WF mm	torque moment Nm	Insert	Neutral		
							£	512	
HSK T63 SCMC N 12	HSK-T 63	115	53	0	5	CC.. 1204	74 542 ...	£ 2D/80	562.57

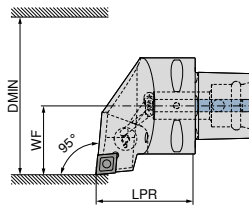
Spare parts for Article no.	74 542 512	T15/SW	70 950 ...		70 950 ...		70 950 ...		70 950 ...	
			£	398	£	114	£	166	£	170
			2A/28	10.04	M4,5x12	3.13	2A/28	14.98	M4,5	5.62



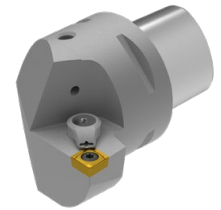
MaxiLock-S – SCLC 95° – Toolholder with screw clamping

Scope of supply:

without high-performance coolant set



Illustrations show right-hand versions

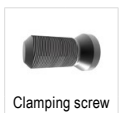


ISO designation	Adapter	LPR mm	WF mm	DMIN mm	torque moment Nm	Insert	Direct cooling compatible	Left-hand 84 655 ...		Right-hand 84 654 ...	
								£ Y8		£ Y8	
PSC40 SCLC R/L 50050-12	PSC 40	50	27	50	5	CC.. 1204	DC	569.11	01295	569.11	01295
PSC50 SCLC R/L 65060-12	PSC 50	60	35	65	5	CC.. 1204	DC	652.06	01294	652.06	01294
PSC63 SCLC R/L 80065-12	PSC 63	65	45	80	5	CC.. 1204	DC	725.33	01293	725.33	01293

The high-performance coolant set with article number **84 950 27400** can be ordered as an optional extra → **Page 40.**

**Spare parts
for Article no.**

84 654 01295 / 84 655 01295	13.36	27500
84 654 01294 / 84 655 01294	13.36	27500
84 654 01293 / 84 655 01293	13.36	27500



Clamping screw

84 950 ...

£
Y8

13.36 27500

13.36 27500

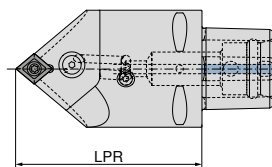
13.36 27500

9

MaxiLock-S – SMC 50° – Toolholder with screw clamping

Scope of supply:

without high-performance coolant set

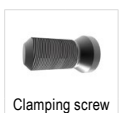


ISO designation	Adapter	LPR mm	torque moment Nm	Insert	Direct cooling compatible	Neutral 84 674 ...	
						£ Y8	
PSC63 SMC N 0100-12	PSC 63	100	5	CC.. 1204	DC	725.33	01293
PSC63 SMC N 0130-12	PSC 63	130	5	CC.. 1204	DC	725.33	11293

The high-performance coolant set with article number **84 950 27400** can be ordered as an optional extra → **Page 40.**

**Spare parts
for Article no.**

84 674 01293	13.36	27500
84 674 11293	13.36	27500



Clamping screw

84 950 ...

£
Y8

13.36 27500

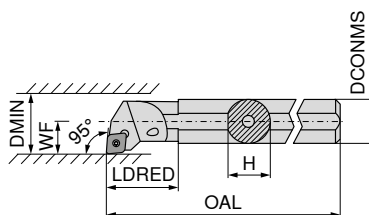
13.36 27500

MaxiLock-S – SCLC 95° – Boring bar with screw clamping

▲ A... = with thro' coolant
▲ S... = without thro' coolant

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand			
									70 717 ...	70 716 ...	70 717 ...	70 716 ...		
S08H SCLC R/L 06	8	7.2	100	11.0	5	11	1,2	CC.. 0602	£ 2A/24	116.94	008	£ 2A/24	116.94	008
A08F SCLC R/L 06	8	7.6	80	17.0	5	11	1,2	CC.. 0602	116.94	208	116.94	208	116.94	208
S10K SCLC R/L 06	10	9.0	125	15.0	7	13	1,2	CC.. 0602	116.94	010	116.94	010	116.94	010
A10H SCLC R/L 06	10	9.5	100	19.0	7	13	1,2	CC.. 0602	116.94	210	116.94	210	116.94	210
S12Q SCLC R/L 06	12	11.0	180	18.8	9	16	1,2	CC.. 0602	116.94	012	116.94	012	116.94	012
A12K SCLC R/L 06	12	11.5	125	22.0	9	16	1,2	CC.. 0602	116.94	212	116.94	212	116.94	212
A16M SCLC R/L 06	16	14.0	150	50.0	9	18	1,2	CC.. 0602	119.50	116	119.50	116	119.50	116
S16R SCLC R/L 09	16	14.5	200	25.0	11	20	3,2	CC.. 09T3	119.50	016	119.50	016	119.50	016
A16M SCLC R/L 09	16	15.0	150	29.0	11	20	3,2	CC.. 09T3	119.50	216	119.50	216	119.50	216
S20S SCLC R/L 09	20	18.0	250	25.0	13	25	3,2	CC.. 09T3	148.95	020	148.95	020	148.95	020
A20Q SCLC R/L 09	20	18.5	180	32.0	13	25	3,2	CC.. 09T3	148.95	220	148.95	220	148.95	220
S25T SCLC R/L 09	25	23.0	300	20.0	17	32	3,2	CC.. 09T3	171.24	025	171.24	025	171.24	025
A25R SCLC R/L 09	25	23.0	200	36.0	17	32	3,2	CC.. 09T3	171.24	225	171.24	225	171.24	225
A32S SCLC R/L 12	32	30.0	250	50.0	22	40	5	CC.. 1204	235.43	232	235.43	232	235.43	232
A40T SCLC R/L 12	40	38.0	300	60.0	27	50	5	CC.. 1204	282.64	240	282.64	240	282.64	240

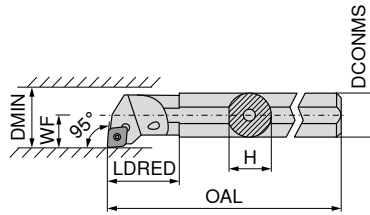
Spare parts for Article no.

	80 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
	£ Y7	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28
70 716 008 / 70 717 008	13.73 110		3.13 116		
70 716 208 / 70 717 208	13.73 110		3.13 116		
70 716 010 / 70 717 010	13.73 110		3.13 116		
70 716 210 / 70 717 210	13.73 110		3.13 116		
70 716 012 / 70 717 012	13.73 110		3.13 116		
70 716 212 / 70 717 212	13.73 110		3.13 116		
70 716 116 / 70 717 116	13.73 110		3.13 116		
70 716 016 / 70 717 016	16.32 113		3.79 110		
70 716 216 / 70 717 216	16.32 113		3.79 110		
70 716 020 / 70 717 020	16.32 113		3.79 110		
70 716 220 / 70 717 220	16.32 113		3.79 304		
70 716 025 / 70 717 025	16.32 113		3.79 113		
70 716 225 / 70 717 225	16.32 113		3.79 304		
70 716 232 / 70 717 232		10.04 398	3.13 114	14.98 166	5.62 170
70 716 240 / 70 717 240		10.04 398	3.13 114	14.98 166	5.62 170



MaxiLock-S – SCLC 95° – Boring bar with screw clamping

▲ with carbide core



Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 719 ...		Right-hand 70 718 ...	
									£		£	
E-A08F SCLC R/L 06	8	7.5	80	20.60	6	12	1,2	CC.. 0602	2A	208	2A	208
E-A10H SCLC R/L 06	10	9.0	100	31.75	7	14	1,2	CC.. 0602	214.58	210	214.58	210
E-A12K SCLC R/L 06	12	11.0	125	20.00	9	18	1,2	CC.. 0602	231.19	212	231.19	212
E-A16M SCLC R/L 09	16	15.0	150	45.30	11	22	3,2	CC.. 09T3	392.36	216	392.36	216
E-A20Q SCLC R/L 09	20	18.0	180	38.00	13	26	3,2	CC.. 09T3	485.12	220	485.12	220
E-A25R SCLC R/L 09	25	23.0	200	40.25	17	34	3,2	CC.. 09T3	615.77	225	615.77	225
E-A32S SCLC R/L 12	32	30.0	250	50.25	22	39	5	CC.. 1204	968.91	232	968.91	232



Key D



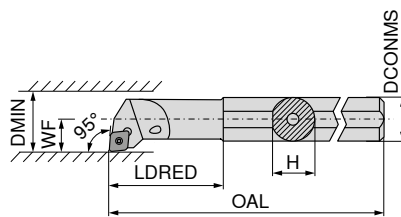
Clamping screw

Spare parts
for Article no.

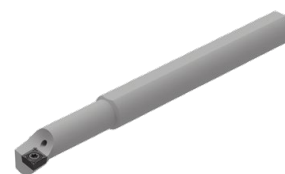
		80 950 ...			70 950 ...	
		£			£	
70 718 208 / 70 719 208	T08	Y7	110	M2,5x5	2A/28	116
70 718 210 / 70 719 210	T08	13.73	110	M2,5x5	3.13	116
70 718 212 / 70 719 212	T08	13.73	110	M2,5x5	3.13	116
70 718 216 / 70 719 216	T15	16.32	113	M4x9,5	3.79	449
70 718 220 / 70 719 220	T15	16.32	113	M4x9,5	3.79	449
70 718 225 / 70 719 225	T15	16.32	113	M4x9,5	3.79	449
70 718 232 / 70 719 232	T15	16.32	113	M4x11	4.11	174

MaxiLock-S – SCLC 95° – Boring bar with screw clamping

▲ with carbide core



Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 719 ...		Right-hand 70 718 ...	
									£		£	
E-A0608F SCLC R/L 06	8	7.5	100	25	4	8	1,2	CC.. 0602	2A	308	2A	308
E-A0810H SCLC R/L 06	10	9.0	110	32	6	12	1,2	CC.. 0602	231.19	310	231.19	310
E-A1012K SCLC R/L 06	12	11.0	125	38	7	14	1,2	CC.. 0602	231.19	312	231.19	312
E-A1216M SCLC R/L 06	16	15.0	150	50	9	18	1,2	CC.. 0602	231.19	316	231.19	316



Key D



Clamping screw

Spare parts for Article no.

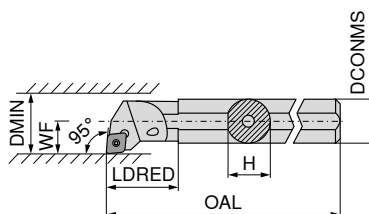
Article no.	Key D	Clamping screw
70 718 308 / 70 719 308	T08	M2,5x5
70 718 310 / 70 719 310	T08	M2,5x5
70 718 312 / 70 719 312	T08	M2,5x5
70 718 316 / 70 719 316	T08	M2,5x5

MaxiLock-S – SCLC 95° – Boring bar with screw clamping

▲ Type: Solid carbide

Scope of supply:

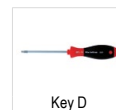
Boring bar with Torx key



Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 719 ...		Right-hand 70 718 ...	
									£		£	
E08H SCLC R/L 06	8	7.6	100	20	6	11	1,2	CC.. 0602	2A/24	008	2A/24	008
E10K SCLC R/L 06	10	9.0	125	22	7	13	1,2	CC.. 0602	265.93	010	265.93	010
E12Q SCLC R/L 06	12	11.5	180	26	9	16	1,2	CC.. 0602	307.23	012	307.23	012
E16R SCLC R/L 09	16	15.0	200	34	11	20	3,2	CC.. 09T3	403.50	016	403.50	016
E20S SCLC R/L 09	20	18.5	250	38	13	25	3,2	CC.. 09T3	527.26	020	527.26	020
E25T SCLC R/L 09	25	23.0	300	43	17	32	3,2	CC.. 09T3	658.65	025	658.65	025
									1,161.46	025	1,161.46	025



Key D



Clamping screw

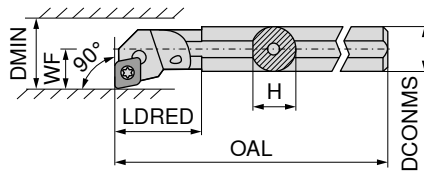
Spare parts for Article no.

Article no.	Key D	Clamping screw
70 719 008 / 70 718 008	T08	M2,5x5
70 719 010 / 70 718 010	T08	M2,5x5
70 719 012 / 70 718 012	T08	M2,5x5
70 719 016 / 70 718 016	T15	M3,5x7,2
70 719 020 / 70 718 020	T15	M3,5x8,6
70 719 025 / 70 718 025	T15	M3,5x11

MaxiLock-S – SCFC 90° – Boring bar with screw clamping

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 793 ...		Right-hand 70 792 ...	
									£		£	
A08F SCFC R/L 06	8	7.6	80	17	5	11	1,2	CC.. 0602	2A/24	208	2A/24	208
A10H SCFC R/L 06	10	9.5	100	19	7	13	1,2	CC.. 0602	116.94	210	116.94	210
A12K SCFC R/L 06	12	11.5	125	22	9	16	1,2	CC.. 0602	116.94	212	116.94	212



Key D

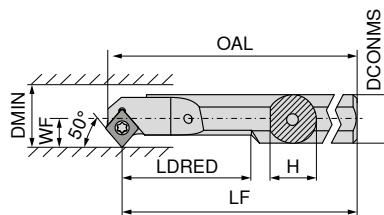


Clamping screw

Spare parts
for Article no.

		£			£	
70 792 208 / 70 793 208	T08	13.73	110	M2,5x5	3.13	116
70 792 210 / 70 793 210	T08	13.73	110	M2,5x5	3.13	116
70 792 212 / 70 793 212	T08	13.73	110	M2,5x5	3.13	116

MaxiLock-S – SCMC 50° – Boring bar with screw clamping



Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	OAL mm	LF mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 723 ...		Right-hand 70 722 ...	
										£		£	
A08H SCMC R/L 06	8	7	104.15	100	20	5.5	10.5	1,2	CC.. 0602	2A	2A	208	
A10H SCMC R/L 06	10	9	114.15	110	26	6.0	11.0	1,2	CC.. 0602	116.94	210	116.94	
A12K SCMC R/L 06	12	11	129.15	125	32	7.0	13.0	1,2	CC.. 0602	116.94	212	116.94	
A16M SCMC R/L 06	16	15	154.15	150	40	9.0	16.0	1,2	CC.. 0602	119.50	216	119.50	



Key D



Clamping screw

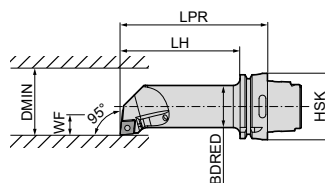
Spare parts
for Article no.

		£			£	
70 723 208 / 70 722 208	T08	13.73	110	M2,5x5	3.13	116
70 723 210 / 70 722 210	T08	13.73	110	M2,5x5	3.13	116
70 723 212 / 70 722 212	T08	13.73	110	M2,5x5	3.13	116
70 723 216 / 70 722 216	T08	13.73	110	M2,5x5	3.13	116

MaxiLock-S – SCLC 95° – Boring bar with screw clamping

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions

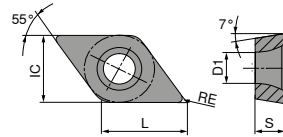


ISO designation	Adapter	LPR mm	LH mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									74 564 ...	£	74 563 ...	£
HSK T63 40L SCLC R/L 12	HSK-T 63	140	114	40	27	50	5	CC.. 1204	£ 2D/80 566.58	512	£ 2D/80 566.58	512

Spare parts for Article no.	74 563 512 / 74 564 512	T15/SW	Combination Key		Clamping screw		Carbide type C		Threaded sleeve						
			70 950 ...	£ 2A/28 10.04	398	70 950 ...	£ 2A/28 3.13	114	70 950 ...	£ 2A/28 14.98	166	70 950 ...	£ 2A/28 5.62	170	

DCGT / DCMT / DCET

Designation	L mm	S mm	D1 mm	IC mm
DC.T 0702..	7.75	2.38	2.8	6.35
DC.T 11T3..	11.60	3.97	4.4	9.52



DCGT / DCMT

ISO	RE mm	-CF05 CTEP110		-CF55 CTEP110		-SF TCM407		-SF TCM10		-SMF TCM10		NEW -SF CTCP125-P		NEW -SF CTCP115-P	
		£	002	£	002	£	852	£	898	£	898	£	50201	£	30401
070201EN	0.1	16.78	002	9.54	002	16.26	852	16.26	898	8.82	898	16.78	50201	9.41	30401
070202EN	0.2	16.78	004	9.54	004	16.26	852	16.26	900	8.82	900	16.78	50201	9.41	30401
070204EN	0.4	16.78	004	9.54	004	16.26	852	16.26	902	8.82	900	16.78	50201	9.41	30401
11T302EN	0.2	22.22	014	13.23	016	20.73	854	20.73	904	12.37	904			13.25	31601
11T304EN	0.4	22.22	016	13.23	016	20.73	856	20.73	906	12.37	906			13.25	31601
11T308EN	0.8	22.22	018	13.23	018	20.73	858	20.73	908	12.37	906			13.25	31801
P		●	●	●	●	●	●	●	●	●	●	●	●	●	●
M		○	○	○	○	○	○	○	○	○	○	○	○	○	○
K		○	○	○	○	○	○	○	○	○	○	○	○	○	○
N															
S															
H															
O															

DCMT / DCGT

		NEW		NEW		NEW		NEW		NEW		NEW			
		-SF CTCP125-P		-SF CTCP135-P		-SMF CTCP115-P		-SMF CTCP125-P		-SMF CTCP135-P		-SM CTCP125-P		-SM CTCP135-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F DCMT		F DCMT		F DCMT		F DCMT		F DCMT		M DCGT		M DCGT	
		76 259 ...		76 259 ...		76 265 ...		76 265 ...		76 265 ...		76 256 ...		76 256 ...	
ISO	RE mm	£		£		£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
070202EN	0.2														
070204EN	0.4	9.41	50401	9.41	70401			9.41	50401	9.41	70401				
070208EN	0.8									9.41	70601			16.78	50201
11T304EN	0.4	13.25	51601	13.25	71601	13.25	31601	13.25	51601	13.25	71601				
11T308EN	0.8	13.25	51801	13.25	71801	13.25	31801	13.25	51801	13.25	71801				
P			●		●		●		●		●		●		●
M					○						○				○
K			○				○		○				○		
N															
S															
H															
O															

DCMT

		NEW		NEW		NEW		NEW					
		-SM CTCK110		-SM CTCK120		-SM CTCP115-P		-SM CTCP115-P		-SM CTCP125-P		-SM CTCP135-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M DCMT		M DCMT		M DCMT		M DCMT		M DCMT		M DCMT	
		70 258 ...		70 258 ...		76 183 ...		76 258 ...		76 258 ...		76 258 ...	
ISO	RE mm	£		£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
070204EN	0.4	9.41	004	9.41	554			9.41	30401	9.41	50401	9.41	70401
070208EN	0.8	9.41	006	9.41	506			9.41	30601	9.41	50601	9.41	70601
11T304EN	0.4	13.25	016	13.25	516			13.25	31601	13.25	51601	13.25	71601
11T308EN	0.8	13.25	018	13.25	518			13.25	31801	13.25	51801	13.25	71801
11T312EN	1.2					13.64	32001			13.25	52001		
P			○		○		●		●		●		●
M													○
K			●		●		○		○		○		
N													
S													
H													
O													

DCMT

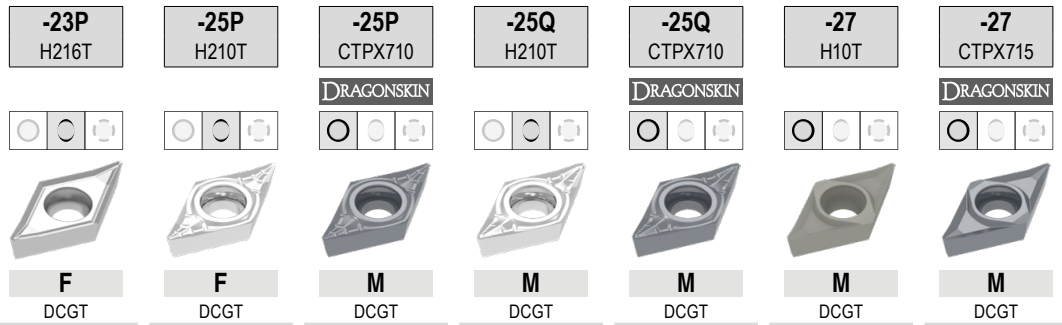
		NEW		NEW		NEW		NEW		NEW		NEW			
		-SMQ CTCP115-P		-SMQ CTCP125-P		-M25 CTCM120		-SF CTPM125		-M25 CTPM125		-SM CTPM125		-F43 CTCM130	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M DCMT		M DCMT		F DCMT		F DCMT		F DCMT		M DCMT		F DCMT	
		76 195 ...		76 195 ...		75 213 ...		75 044 ...		75 213 ...		75 048 ...		75 032 ...	
ISO	RE mm	£		£		£		£		£		£		£	
070202EN	0.2	1A/08		1A/08		1A/08	10200	1A/08	202	1A/08	202	1A/08	30200	1A/08	30200
070204EN	0.4	10.73	30401	10.73	50401	9.41	10400	9.70	20400	9.41	204		9.70	9.70	30400
11T302EN	0.2					13.25	11400			13.25	214		13.64	13.64	31400
11T304EL	0.4	15.21	31601	14.76	51601										
11T304EN	0.4	15.21	31501	14.76	51501	13.25	11600	13.64	21600	13.25	216		13.64	13.64	31600
11T304ER	0.4	15.21	31701	14.76	51701										
11T308EN	0.8	15.21	31801	14.76	51801	13.25	11800	13.64	21800	13.25	218	13.64	21800	13.64	31800
P			●		●		○		○		○		○		○
M							●		●		●		●		●
K			○		○										
N															
S															○
H															
O															

9

DCMT / DCGT

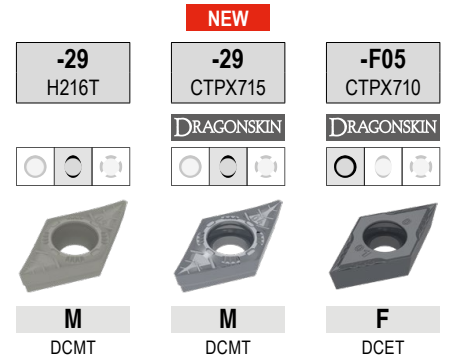
						NEW		NEW		NEW			
		-M25 CTCM130		-M55 CTCM120		-M55 CTPM125		-SM CTCM130		-M55 CTCM130		-SF CTPM125	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F DCMT		M DCMT		M DCMT		M DCMT		M DCMT		F DCGT	
		75 213 ...		75 214 ...		75 214 ...		75 048 ...		75 214 ...		75 043 ...	
ISO	RE mm	£		£		£		£		£		£	
070202EN	0.2			9.41	30200								
070204EN	0.4			9.41	30400	9.41	10400	9.41	204	9.70	30400	9.41	30400
070208EN	0.8					9.41	10600	9.41	206	9.70	30600	9.41	30600
11T302EN	0.2			13.25	31400								
11T304EN	0.4			13.25	31600	13.25	11600	13.25	216	13.64	31600	13.25	31600
11T308EN	0.8			13.25	31800	13.25	11800	13.25	218	13.64	31800	13.25	31800
P			○		○		○		○		○		○
M			●		●		●		●		●		●
K													
N													
S			○								○		○
H													
O													

DCGT



ISO	RE mm	70 261 ...		70 263 ...		70 263 ...		70 263 ...		70 263 ...		70 260 ...		70 260 ...	
		£		£		£		£		£		£		£	
070202FN	0.2	1A/90		11.91	632	14.25	70200					11.26	600	13.66	80200
070204FN	0.4	11.91	654	11.91	634	14.25	70400					11.26	602	13.66	80400
11T302FN	0.2			14.76	635	17.20	71400					14.09	604	16.53	81400
11T304FN	0.4	14.76	664	14.76	636	17.20	71600	16.12	660	20.55	75600	14.09	606	16.53	81600
11T304FL	0.4							16.12	670	20.55	75700				
11T304FR	0.4							16.12	680	20.55	75800				
11T308FN	0.8	14.76	666	14.76	638	17.20	71800	16.12	662	20.55	76000	14.09	608	16.53	81800
11T308FL	0.8							16.12	672						
11T308FR	0.8							16.12	682						
P															
M															
K			○		○				○				○		○
N			●		●		●		●		●		●		●
S					○		●		○		●				●
H															
O			○		○				○				○		○

DCMT / DCET

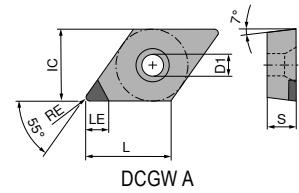
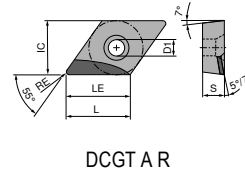
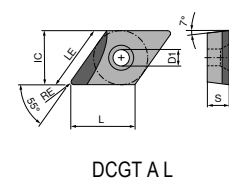
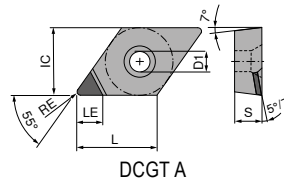


ISO	RE mm	M DCMT		M DCMT		F DCET	
		£		£		£	
0702005FN	0.05	1A/90	70 246 ...	1A/90	70 246 ...	1A/08	20.30 10200
070201FN	0.10						20.30 10400
0702015FN	0.15						20.30 10600
070202FN	0.20						20.30 10800
070204EN	0.40	8.61	60400	11.09	70400		
11T3005FN	0.05					26.91	11400
11T301FN	0.10					26.91	11600
11T3015FN	0.15					26.91	11800
11T302FN	0.20					26.91	12000
11T304EN	0.40	11.63	61600	13.87	71600		
11T304FN	0.40					26.91	12200
11T308EN	0.80	11.63	61800	13.87	71800		
P				●		●	
M				●		●	
K			○	○			
N			●	●		●	
S				●		●	
H							
O			○	○			

9

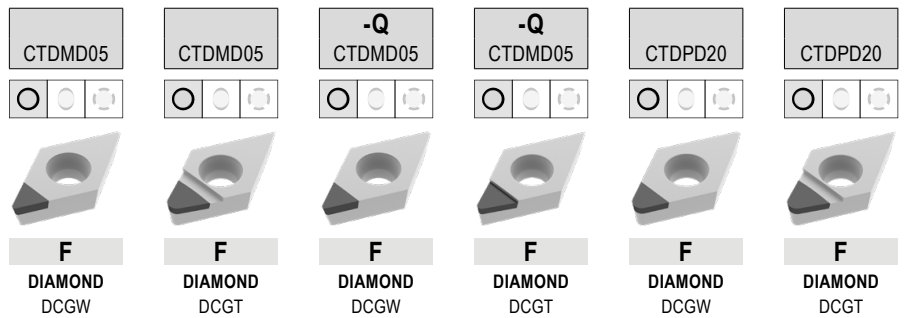
DCGW / DCGT

Designation	L mm	S mm	D1 mm	IC mm
DCG. 0702..	7.75	2.38	2.8	6.35
DCG. 11T3..	11.60	3.97	4.4	9.52



DCGW / DCGT

▲ TCE(NOI) = Design and number of equipped cutting edge corners



ISO	RE mm	TCE (NOI)	LE mm	71 130 ...		71 134 ...		71 178 ...		71 176 ...		71 130 ...		71 134 ...	
				£ Y0	00200	£ Y0	050	£ Y0	50001	£ Y0	50001	£ Y0	100	£ Y0	100
070202FN	0.2	A (1)	2.5	501.94	00200	541.65	050					103.70	100	103.70	100
070204FN	0.4	A (1)	2.5	501.94	00400	541.65	052								
070204FR	0.4	A (1)	2.5							697.75	50001				
070204FN	0.4	A (1)	3.4									103.70	102	103.70	102
070208FN	0.8	A (1)	2.5	501.94	00600	541.65	054					103.70	104	103.70	104
070208FN	0.8	A (1)	3.0												
11T302FN	0.2	A (1)	2.5												
11T302FN	0.2	A (1)	3.0	501.94	056	541.65	056								
11T302FN	0.2	A (1)	4.7									106.11	106	106.11	106
11T304FN	0.4	A (1)	2.5			541.65	058								
11T304FL	0.4	A (1)	3.0					661.47	50001						
11T304FN	0.4	A (1)	3.0	501.94	058										
11T304FN	0.4	A (1)	4.3									106.11	108	106.11	108
11T308FN	0.8	A (1)	2.5			541.65	060								
11T308FN	0.8	A (1)	4.0									106.11	110	106.11	110
11T312FN	1.2	A (1)	3.5											106.11	11200
11T312FN	1.2	A (1)	3.6									106.11	11200		

P															
M															
K															
N															
S															
H															
O															

DCGW / DCGT

▲ TCE(NOI) = Design and number of equipped cutting edge corners

ISO	RE mm	TCE (NOI)	LE mm	CTDPS30		CTDPS30		CTDPS30		CTDPS30		-CB1 CTDPU20		-CB2 CTDPU20	
				£	Y0	£	Y0	£	Y0	£	Y0	£	Y0	£	Y0
070201FN	0.1	A (1)	3.8	88.47	20001			90.51	20001						
070202FN	0.2	A (1)	3.7	88.47	20101			90.51	20101			96.70	30001		
070204FN	0.4	A (1)	3.4	88.47	20201							96.70	30101	96.70	30001
070204FL	0.4	A (1)	5.5			127.54	20201								
070208FN	0.8	A (1)	3.0	88.47	20301										
11T301FN	0.1	A (1)	4.8	92.58	20401			94.62	20301						
11T302FN	0.2	A (1)	4.7	92.58	20501			94.62	20401						
11T304FN	0.4	A (1)	4.3	92.58	20601							100.80	30201	100.80	30101
11T304FL	0.4	A (1)	7.5			139.86	20501								
11T308FN	0.8	A (1)	4.0	92.58	20701							100.80	30301		
11T308FL	0.8	A (1)	7.0			139.86	20601								
11T308FR	0.8	A (1)	7.0					139.86	20701						
11T312FN	1.2	A (1)	3.6	92.58	20801										
11T312FL	1.2	A (1)	6.5			139.86	20801								
11T312FR	1.2	A (1)	6.5					139.86	20901						
P															
M															
K															
N						•	•	•	•	•	•	•	•	•	•
S															
H															
O						•	•	•	•	•	•	•	•	•	•

DCGT / DCGW

▲ TCE(NOI) = Design and number of equipped cutting edge corners

ISO	RE mm	TCE (NOI)	LE mm	71 136 ...		71 135 ...		71 144 ...		71 145 ...		71 310 ...		71 138 ...	
				£ Y0		£ Y0		£ Y0		£ Y0		£ Y0		£ Y0	
070201FN	0.1	A (1)	3.8									122.70	10100		
070202FN	0.2	A (1)	3.7									122.70	102		
070204FL	0.4	A (1)	3.0							129.10	104				
070204FR	0.4	A (1)	3.0												
070204FN	0.4	A (1)	3.4									122.70	104		
070204FRR	0.4	A (1)	5.5			143.98	102								
070204FLL	0.4	A (1)	5.5	143.98	102										
070208FN	0.8	A (1)	3.0									122.70	108		
070208FRR	0.8	A (1)	5.0			143.98	104								
070208FLL	0.8	A (1)	5.0	143.98	104										
11T301FN	0.1	A (1)	4.8									125.31	11100		
11T302FR	0.2	A (1)	4.0											136.22	162
11T302FN	0.2	A (1)	4.7									125.31	112		
11T304FL	0.4	A (1)	4.0							136.22	114				
11T304FR	0.4	A (1)	4.0												
11T304FN	0.4	A (1)	4.3									125.31	114		
11T304FRR	0.4	A (1)	7.5			155.39	108								
11T304FLL	0.4	A (1)	7.5	155.39	108										
11T308FN	0.8	A (1)	4.0									125.31	118		
11T308FRR	0.8	A (1)	7.0			155.39	110								
11T308FLL	0.8	A (1)	7.0	155.39	110										

P															
M															
K															
N				•		•		•		•		•		•	
S															
H															
O				•		•		•		•		•		•	

DCGW / DCGT

▲ TCE(NOI) = Design and number of equipped cutting edge corners

ISO	RE mm	TCE (NOI)	LE mm	-Q CTDPS30		-Q CTDPS30		-Q CTDPS30		-CB1 CTDPS30		-CB2 CTDPS30		-CB3 CTDPU20		
				£	Y0	£	Y0	£	Y0	£	Y0	£	Y0	£	Y0	
070201FL	0.1	A (1)	3.0													
070201FR	0.1	A (1)	3.0			129.10	15000									
070201FN	0.1	A (1)	3.8							122.70	20100					
070202FL	0.2	A (1)	3.0													
070202FR	0.2	A (1)	3.0			129.10	152									
070202FN	0.2	A (1)	3.7							122.70	202	122.70	202			
070204FN	0.4	A (1)	3.4							122.70	204	122.70	204	97.95	204	
070208FN	0.8	A (1)	3.0									135.12	208			
11T301FR	0.1	A (1)	4.0			136.22	161									
11T301FL	0.1	A (1)	4.0					136.22	161							
11T301FN	0.1	A (1)	4.8							125.31	21100	132.13	21100			
11T302FL	0.2	A (1)	4.0													
11T302FR	0.2	A (1)	4.0			136.22	162									
11T302FN	0.2	A (1)	4.7							125.31	212	132.13	212			
11T304FL	0.4	A (1)	4.0	136.22	164											
11T304FN	0.4	A (1)	4.3							125.31	214	132.13	214	103.70	214	
11T308FN	0.8	A (1)	4.0							145.18	218	145.18	218	116.67	218	
P																
M																
K																
N																
S																
H																
O																

DCGW / DCGT

▲ TCE(NOI) = Design and number of equipped cutting edge corners

	CTDPU20	CTDCD10	-CB1 CTDCD10	-CB2 CTDCD10
	F	F	F	M
	DIAMOND	DIAMOND	DIAMOND	DIAMOND
	DCGW	DCGW	DCGT	DCGT
	71 177 ...	71 177 ...	71 310 ...	71 311 ...
	£	£	£	£
	Y0	Y0	Y0	Y0
		92.58 40001	151.83 302	151.83 30200
		94.62 40101	151.83 304	151.83 304
	88.47 30001			
		100.80 40201		163.80 308
	88.47 30101			
		96.70 40301	154.15 31200	154.15 31200
		98.72 40401	154.15 314	154.15 314
	90.51 30201			
		104.94 40501	172.75 318	172.75 318
	90.51 30301			

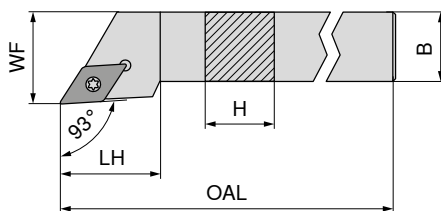
ISO	RE mm	TCE (NOI)	LE mm
070202FN	0.2	A (1)	2.6
070204FN	0.4	A (1)	2.3
070204FN	0.4	A (1)	3.4
070208FN	0.8	A (1)	2.0
070208FN	0.8	A (1)	3.0
11T302FN	0.2	A (1)	2.6
11T304FN	0.4	A (1)	2.3
11T304FN	0.4	A (1)	4.3
11T308FN	0.8	A (1)	2.0
11T308FN	0.8	A (1)	4.0

P				
M				
K				
N		•	•	•
S				
H				
O		•	•	•

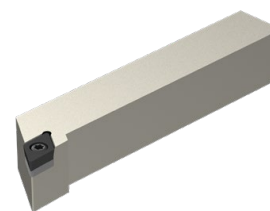
MaxiLock-S – SDJC 93° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key

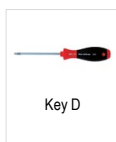


Illustrations show right-hand versions



NEW Left-hand		NEW Right-hand	
70 643 ...		70 643 ...	
£		£	
2A/24		2A/24	
74.49	00800	74.49	00801
79.44	01000	79.44	01001
79.44	01200	79.44	01201
99.31	01600	99.31	01601
105.27	02000	105.27	02001
109.25	02500	109.25	02501
114.20	03200	114.20	03201

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert
SDJC R/L 0808 D07	8	8	60	13.0	10	1,2	DC.. 0702
SDJC R/L 1010 E07	10	10	70	13.0	12	1,2	DC.. 0702
SDJC R/L 1212 F07	12	12	80	14.3	16	1,2	DC.. 0702
SDJC R/L 1616 H11	16	16	100	19.3	20	3,2	DC.. 11T3
SDJC R/L 2020 K11	20	20	125	19.9	25	3,2	DC.. 11T3
SDJC R/L 2525 M11	25	25	150	21.2	32	3,2	DC.. 11T3
SDJC R/L 3225 P11	32	25	170	21.2	32	3,2	DC.. 11T3



Key D



Clamping screw



Solid Carbide
Seat D



Threaded sleeve

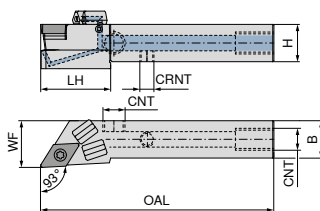
**Spare parts
for Article no.**

	80 950 ...		70 950 ...		70 950 ...		70 950 ...	
	£		£		£		£	
70 643 00800 / 70 643 00801	Y7		2A/28		2A/28		2A/28	
70 643 01000 / 70 643 01001	11.62	039	4.96	857				
70 643 01200 / 70 643 01201	11.62	039	4.96	857				
70 643 01600 / 70 643 01601	16.05	120	4.72	87900	9.07	106	5.62	171
70 643 02000 / 70 643 02001	16.05	120	4.72	87900	9.07	106	5.62	171
70 643 02500 / 70 643 02501	16.05	120	4.72	87900	9.07	106	5.62	171
70 643 03200 / 70 643 03201	16.05	120	4.72	87900	9.07	106	5.62	171

MaxiLock-S – SDJC 93° DC – Tool holder with screw clamping

Scope of supply:

Tool holder with blind plug and Torx key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert
SDJC R/L 1010 E07 DC	10	10	70	20	12	M6	M6	1,2	DC.. 0702
SDJC R/L 1212 F07 DC	12	12	80	21	16	M6	M6	1,2	DC.. 0702
SDJC R/L 1616 H11 DC	16	16	100	30	20	M6	G1/8"	3,2	DC.. 11T3
SDJC R/L 2020 K11 DC	20	20	125	30	25	M6	G1/8"	3,2	DC.. 11T3
SDJC R/L 2525 M11 DC	25	25	150	35	32	M6	G1/8"	3,2	DC.. 11T3

NEW Left-hand 70 773 ...		NEW Right-hand 70 773 ...	
£		£	
2A/24		2A/24	
168.10	01001	168.10	01000
168.10	01201	168.10	01200
186.88	01601	186.88	01600
198.04	02001	198.04	02000
205.52	02501	205.52	02500

**Spare parts
for Article no.**

	£		£		£		£		£
70 773 01000 / 70 773 01001	4.96	857					3.51	86700	
70 773 01200 / 70 773 01201	4.96	857					3.51	86700	
70 773 01600 / 70 773 01601	4.72	87900	9.07	106	2.16	88000	3.51	86700	5.62
70 773 02000 / 70 773 02001	4.72	87900	9.07	106	2.16	88000	3.51	86700	5.62
70 773 02500 / 70 773 02501	4.72	87900	9.07	106	2.16	88000	3.51	86700	5.62

70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28

**Spare parts
for Article no.**

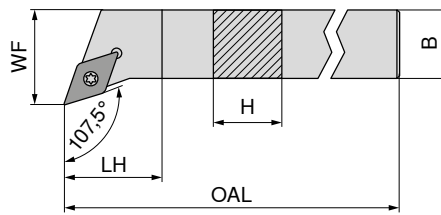
	£		£		£		£		£
70 773 01000 / 70 773 01001			11.62	039					
70 773 01200 / 70 773 01201			11.62	039					
70 773 01600 / 70 773 01601	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31
70 773 02000 / 70 773 02001	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31
70 773 02500 / 70 773 02501	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31

70 950 ...	80 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ Y7	£ 2A/28	£ 2A/28	£ 2A/28

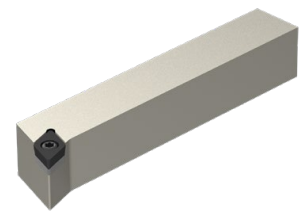
MaxiLock-S – SDHC 107.5° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



NEW		NEW	
Left-hand		Right-hand	
70 642 ...		70 642 ...	
£		£	
2A/24		2A/24	
79.44	01000	79.44	01001
79.44	01200	79.44	01201
99.31	01600	99.31	01601
105.27	02000	105.27	02001
109.25	02500	109.25	02501

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert
SDHC R/L 1010 E07	10	10	70	7.6	12	1,2	DC.. 0702
SDHC R/L 1212 F07	12	12	80	12.2	16	1,2	DC.. 0702
SDHC R/L 1616 H11	16	16	100	11.6	20	3,2	DC.. 11T3
SDHC R/L 2020 K11	20	20	125	14.1	25	3,2	DC.. 11T3
SDHC R/L 2525 M11	25	25	150	20.5	32	3,2	DC.. 11T3

**Spare parts
for Article no.**

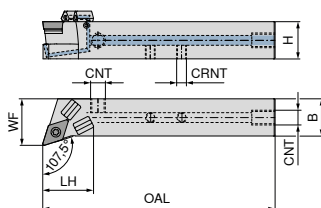
	80 950 ...		70 950 ...		70 950 ...		70 950 ...	
	£		£		£		£	
70 642 01000 / 70 642 01001	Y7		2A/28		2A/28		2A/28	
70 642 01200 / 70 642 01201	11.62	039	4.96	857				
70 642 01600 / 70 642 01601	11.62	039	4.96	857				
70 642 02000 / 70 642 02001	16.05	120	4.72	87900	9.07	106	5.62	171
70 642 02500 / 70 642 02501	16.05	120	4.72	87900	9.07	106	5.62	171

Key D	Clamping screw	Solid Carbide Seat D	Threaded sleeve
80 950 ...	70 950 ...	70 950 ...	70 950 ...

MaxiLock-S – SDHC 107.5° DC – Tool holder with screw clamping

Scope of supply:

Tool holder with blind plug and Torx key



Illustrations show right-hand versions

NEW Left-hand **70 772 ...**
NEW Right-hand **70 772 ...**

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	£		£	
SDHC R/L 1212 F07 DC	12	12	80	20	16	M6	M6	1,2	DC.. 0702	168.10	01201	168.10	01200
SDHC R/L 1616 H11 DC	16	16	100	25	20	M6	G1/8"	3,2	DC.. 11T3	186.88	01601	186.88	01600
SDHC R/L 2020 K11 DC	20	20	125	28	25	M6	G1/8"	3,2	DC.. 11T3	198.04	02001	198.04	02000
SDHC R/L 2525 M11 DC	25	25	150	27	32	M6	G1/8"	3,2	DC.. 11T3	205.52	02501	205.52	02500

Spare parts for Article no.

70 772 01201 / 70 772 01200	£		£		£		£		£	
70 772 01201 / 70 772 01200	4.96	857	9.07	106	2.16	88000	3.51	86700	5.62	171
70 772 01601 / 70 772 01600	4.72	87900	9.07	106	2.16	88000	3.51	86700	5.62	171
70 772 02001 / 70 772 02000	4.72	87900	9.07	106	2.16	88000	3.51	86700	5.62	171
70 772 02501 / 70 772 02500	4.72	87900	9.07	106	2.16	88000	3.51	86700	5.62	171

Clamping screw	Solid Carbide Seat D	Grubscrew	Grubscrew	Threaded sleeve
70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28

Spare parts for Article no.

70 772 01201 / 70 772 01200	£		£		£		£		£	
70 772 01201 / 70 772 01200	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294
70 772 01601 / 70 772 01600	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294
70 772 02001 / 70 772 02000	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294
70 772 02501 / 70 772 02500	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294

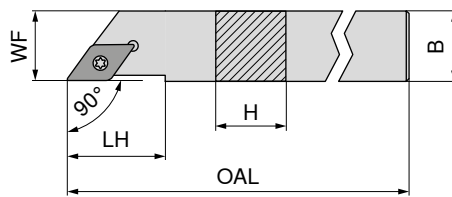
Sealing plugs DC	Key D	O-Ring	Coolant nozzle DC	Coolant screw plug
70 950 ...	80 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ Y7	£ 2A/28	£ 2A/28	£ 2A/28

MaxiLock-S – SDAC 90° – Toolholder with screw clamping

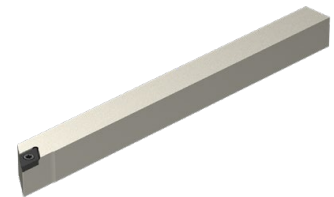
▲ for sliding head lathes

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	NEW Left-hand 70 639 ... £ 2A/24	NEW Right-hand 70 639 ... £ 2A/24
SDAC R/L 0808 K07	8	8	125	14	8	1,2	DC.. 0702	79.44 00800	79.44 00801
SDAC R/L 1010 M07	10	10	150	14	10	1,2	DC.. 0702	79.44 01000	79.44 01001
SDAC R/L 1212 M07	12	12	150	14	12	1,2	DC.. 0702	89.36 01200	89.36 01201
SDAC R/L 1212 M11	12	12	150	21	12	3,2	DC.. 11T3	89.36 11200	89.36 11201
SDAC R/L 1414 M11	14	14	150	21	14	3,2	DC.. 11T3	89.36 01400	89.36 01401



Key D



Clamping screw

Spare parts

for Article no.

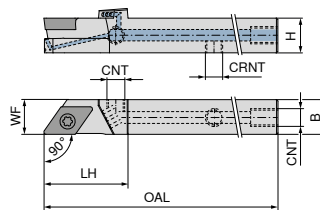
Article no.	Part	Price (£)	QTY	Part	Price (£)	QTY
70 639 00800 / 70 639 00801	T08 - IP	11.62	039	M2,5x6 - IP	4.96	857
70 639 01000 / 70 639 01001	T08 - IP	11.62	039	M2,5x6 - IP	4.96	857
70 639 01200 / 70 639 01201	T08 - IP	11.62	039	M2,5x6 - IP	4.96	857
70 639 11200 / 70 639 11201	T15 - IP	16.05	120	M3,5x11	4.72	87900
70 639 01400 / 70 639 01401	T15 - IP	16.05	120	M3,5x11	4.72	87900

MaxiLock-S – SDAC 90° DC – Tool holder with screw clamping

▲ for sliding head lathes

Scope of supply:

Tool holder with blind plug and Torx key



Illustrations show right-hand versions



ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	NEW Left-hand 70 771 ... £ 2A/24	NEW Right-hand 70 771 ... £ 2A/24
SDAC R/L 0808 K07 DC	8	8	125	21	8	M5	M5	1,2	DC.. 0702	168.10 00801	168.10 00800
SDAC R/L 1010 M07 DC	10	10	150	21	10	M6	M6	1,2	DC.. 0702	168.10 01001	168.10 01000
SDAC R/L 1212 M07 DC	12	12	150	21	12	M6	M6	1,2	DC.. 0702	179.65 01201	179.65 01200
SDAC R/L 1212 M11 DC	12	12	150	29	12	M6	M6	3,2	DC.. 11T3	179.65 11201	179.65 11200



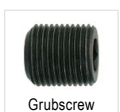
Cylindrical screw



Key D



Clamping screw



Grubscrew

Spare parts

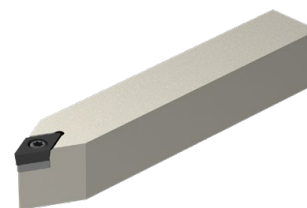
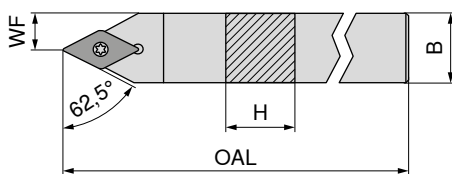
for Article no.

Article no.	Part	Price (£)	QTY	Part	Price (£)	QTY
70 771 00800 / 70 771 00801		3.85	157		2.86	13800
70 771 01000 / 70 771 01001		11.62	039		2.86	13800
70 771 01200 / 70 771 01201		11.62	039		2.86	13800
70 771 11200 / 70 771 11201		16.05	120		3.51	86700

MaxiLock-S – SDNC 62.5° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



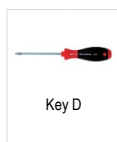
NEW

Neutral

70 645 ...

£
2A/24

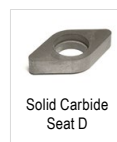
ISO designation	H mm	B mm	OAL mm	WF mm	torque moment Nm	Insert	
SDNC N 0808 K07	8	8	125	4.0	1,2	DC.. 0702	74.49 00800
SDNC N 1010 M07	10	10	150	5.0	1,2	DC.. 0702	79.44 11000
SDNC N 1010 E07	10	10	70	5.0	1,2	DC.. 0702	79.44 01000
SDNC N 1212 F07	12	12	80	6.0	1,2	DC.. 0702	79.44 01200
SDNC N 1212 M07	12	12	150	6.0	1,2	DC.. 0702	89.36 11200
SDNC N 1212 M11	12	12	150	6.0	3,2	DC.. 11T3	89.36 21200
SDNC N 1616 H11	16	16	100	8.0	3,2	DC.. 11T3	99.31 01600
SDNC N 2020 K11	20	20	125	10.0	3,2	DC.. 11T3	105.27 02000
SDNC N 2525 M11	25	25	150	12.5	3,2	DC.. 11T3	109.25 02500



Key D



Clamping screw



Solid Carbide Seat D



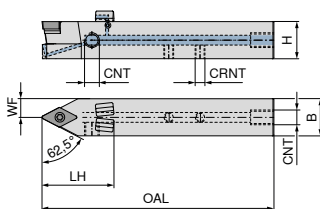
Threaded sleeve

Spare parts for Article no.	80 950 ...		70 950 ...		70 950 ...		70 950 ...	
	£		£		£		£	
70 645 00800	Y7		2A/28		2A/28		2A/28	
70 645 01000	11.62	039	4.96	857				
70 645 01200	11.62	039	4.96	857				
70 645 01600	11.62	039	4.96	857				
70 645 02000	11.62	039	4.96	857				
70 645 02500	16.05	120	4.72	87900	9.07	106	5.62	171
	16.05	120	4.72	87900	9.07	106	5.62	171
	16.05	120	4.72	87900	9.07	106	5.62	171

MaxiLock-S – SDNC 62.5° DC – Tool holder with screw clamping

Scope of supply:

Tool holder with blind plug and Torx key



NEW
Neutral
70 774 ...

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	£ 2A/24	£
SDNC N 1212 M07 DC	12	12	150	24	6.0	M6	M6	1,2	DC.. 0702	179.65	11200
SDNC N 1212 F07 DC	12	12	80	24	6.0	M6	M6	1,2	DC.. 0702	168.10	01200
SDNC N 1212 M11 DC	12	12	150	31	6.0	M6	M6	3,2	DC.. 11T3	179.65	21200
SDNC N 1616 H11 DC	16	16	100	30	8.0	M6	G1/8"	3,2	DC.. 11T3	186.88	01600
SDNC N 2020 K11 DC	20	20	125	39	10.0	M6	G1/8"	3,2	DC.. 11T3	198.04	02000
SDNC N 2525 M11 DC	25	25	150	30	12.5	M6	G1/8"	3,2	DC.. 11T3	205.52	02500

**Spare parts
for Article no.**

Article no.	£	£	£	£	£
70 774 11200	4.96	857			3.51
70 774 01200	4.96	857			3.51
70 774 21200	3.79	859			3.51
70 774 01600	4.72	87900	9.07	106	2.16
70 774 02000	4.72	87900	9.07	106	2.16
70 774 02500	4.72	87900	9.07	106	2.16

**Spare parts
for Article no.**

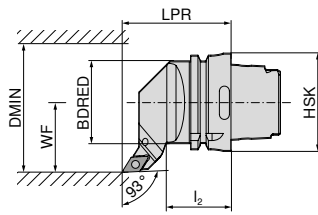
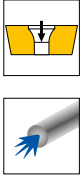
Article no.	£	£	£	£	£
70 774 11200					
70 774 01200					
70 774 21200					
70 774 01600	1.52	87600	16.05	120	1.32
70 774 02000	1.52	87600	16.05	120	1.32
70 774 02500	1.52	87600	16.05	120	1.32

70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28
70 950 ...	80 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ Y7	£ 2A/28	£ 2A/28	£ 2A/28

MaxiLock-S – SDJC 93° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



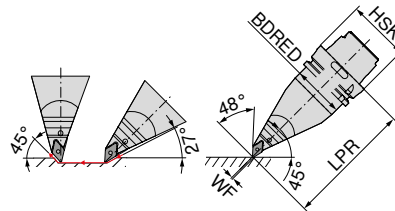
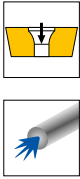
ISO designation	Adapter	LPR mm	l ₂ mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 74 544 ... £ 2D/80 411.94	Right-hand 74 543 ... £ 2D/80 411.94
HSK T63 SDJC R/L 11	HSK-T 63	70	42	53	45	100	3.2	DC.. 11T3	511	511

Spare parts for Article no.	Combination Key	Clamping screw	Solid Carbide Seat D	Threaded sleeve
74 543 511 / 74 544 511	T15/SW 10.04	M3,5x11 3.79	M3,5 9.07	M3,5 5.62

MaxiLock-S – SDMC 48° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



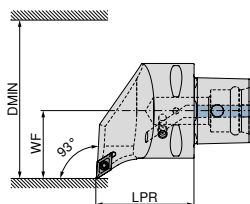
ISO designation	Adapter	LPR mm	BDRED mm	WF mm	torque moment Nm	Insert	Left-hand 74 546 ... £ 2D/80 562.57
HSK T63 SDMC L 11	HSK-T 63	130	53	0	3.2	DC.. 11T3	511

Spare parts for Article no.	Combination Key	Clamping screw	Solid Carbide Seat D	Threaded sleeve
74 546 511	T15/SW 10.04	M3,5x11 3.79	M3,5 9.07	M3,5 5.62

MaxiLock-S – SDUC 93° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

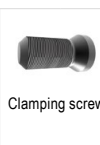


ISO designation	Adapter	LPR mm	WF mm	DMIN mm	torque moment Nm	Insert
PSC40 SDUC R/L 50050-11	PSC 40	50	27	50	3	DC.. 11T3
PSC50 SDUC R/L 65060-11	PSC 50	60	35	65	3	DC.. 11T3
PSC63 SDUC R/L 80065-11	PSC 63	65	45	80	3	DC.. 11T3

Left-hand		Right-hand	
84 659 ...		84 658 ...	
£		£	
Y8		Y8	
569.11	01195	569.11	01195
652.06	01194	652.06	01194
725.33	01193	725.33	01193

**Spare parts
for Article no.**

84 658 01195 / 84 659 01195
84 658 01194 / 84 659 01194
84 658 01193 / 84 659 01193

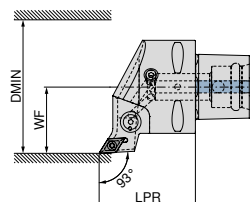


84 950 ...	
£	
Y8	
8.84	27600
8.84	27600
8.84	27600

MaxiLock-S – SDJC 93° – Toolholder with screw clamping

Scope of supply:

without high-performance coolant set



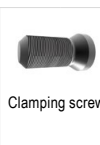
Illustrations show right-hand versions



ISO designation	Adapter	LPR mm	WF mm	DMIN mm	torque moment Nm	Insert	Direct cooling compatible
PSC40 SDJC R/L 50050-11	PSC 40	50	27	50	3	DC.. 11T3	DC
PSC50 SDJC R/L 65060-11	PSC 50	60	35	65	3	DC.. 11T3	DC
PSC63 SDJC R/L 80065-11	PSC 63	65	45	80	3	DC.. 11T3	DC

Left-hand		Right-hand	
84 663 ...		84 662 ...	
£		£	
Y8		Y8	
569.11	01195	569.11	01195
652.06	01194	652.06	01194
725.33	01193	725.33	01193

1 The high-performance coolant set with article number **84 950 27400** can be ordered as an optional extra → **Page 40.**



84 950 ...	
£	
Y8	
8.84	27600
8.84	27600
8.84	27600

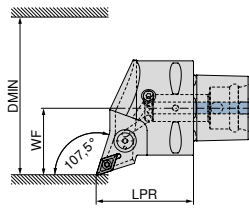
**Spare parts
for Article no.**

84 662 01195 / 84 663 01195
84 662 01194 / 84 663 01194
84 662 01193 / 84 663 01193

MaxiLock-S – SDHC 107.5° – Toolholder with screw clamping

Scope of supply:

without high-performance coolant set



Illustrations show right-hand versions



ISO designation	Adapter	LPR mm	WF mm	DMIN mm	torque moment Nm	Insert	Direct cooling compatible	Left-hand 84 667 ...		Right-hand 84 666 ...	
								£	Y8	£	Y8
PSC40 SDHC R/L 50050-11	PSC 40	50	27	50	3	DC.. 11T3	DC	569.11	01195	569.11	01195
PSC50 SDHC R/L 65060-11	PSC 50	60	35	65	3	DC.. 11T3	DC	652.06	01194	652.06	01194
PSC63 SDHC R/L 80065-11	PSC 63	65	45	80	3	DC.. 11T3	DC	725.33	01193	725.33	01193

The high-performance coolant set with article number **84 950 27400** can be ordered as an optional extra → **Page 40.**

**Spare parts
for Article no.**

84 666 01195 / 84 667 01195	8.84	27600
84 666 01194 / 84 667 01194	8.84	27600
84 666 01193 / 84 667 01193	8.84	27600



Clamping screw

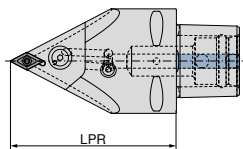
84 950 ...

£	
Y8	
8.84	27600
8.84	27600
8.84	27600

MaxiLock-S – SDNC 62.5° – Toolholder with screw clamping

Scope of supply:

without high-performance coolant set



ISO designation	Adapter	LPR mm	torque moment Nm	Insert	Direct cooling compatible	Neutral 84 677 ...	
						£	Y8
PSC63 SDNC N 0100-11	PSC 63	100	3	DC.. 11T3	DC	725.33	01193
PSC63 SDNC N 0130-11	PSC 63	130	3	DC.. 11T3	DC	725.33	11193

The high-performance coolant set with article number **84 950 27400** can be ordered as an optional extra → **Page 40.**

**Spare parts
for Article no.**

84 677 01193	8.84	27600
84 677 11193	8.84	27600



Clamping screw

84 950 ...

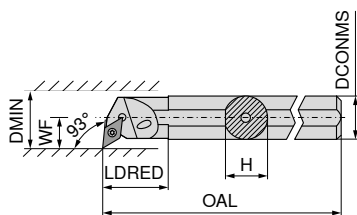
£	
Y8	
8.84	27600
8.84	27600

MaxiLock-S – SDUC 93° – Boring bar with screw clamping

▲ A... = with thro' coolant
▲ S... = without thro' coolant

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions

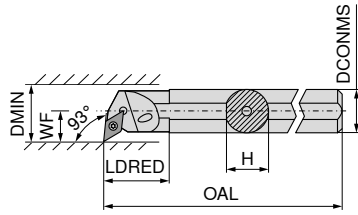


ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand			
									70 737 ...	70 736 ...	70 737 ...	70 736 ...		
S12Q SDUC R/L 07	12	11.0	180	12.5	9	17	1,2	DC.. 0702	£ 2A/24	116.94	012	£ 2A/24	116.94	012
A12K SDUC R/L 07	12	11.5	125	22.0	9	16	1,2	DC.. 0702	116.94	212	116.94	212	116.94	212
S16R SDUC R/L 07	16	15.0	200	13.0	11	21	1,2	DC.. 0702	119.50	016	119.50	016	119.50	016
A16M SDUC R/L 07	16	15.0	150	29.0	11	20	1,2	DC.. 0702	119.50	216	119.50	216	119.50	216
S20S SDUC R 07	20	18.0	250	20.0	13	25	1,2	DC.. 0702					148.95	020
A20Q SDUC R/L 07	20	18.5	180	32.0	13	25	1,2	DC.. 0702	148.95	220	148.95	220	148.95	220
S20S SDUC R 11	20	18.0	250	20.0	13	25	3,2	DC.. 11T3					148.95	120
A20Q SDUC R/L 11	20	19.0	180	32.0	13	25	3,2	DC.. 11T3	148.95	320	148.95	320	148.95	320
S25T SDUC R/L 11	25	23.0	300		17	32	3,2	DC.. 11T3	171.24	125	171.24	125	171.24	125
A25R SDUC R/L 11	25	24.0	200	36.0	17	32	3,2	DC.. 11T3	171.24	325	171.24	325	171.24	325
S32U SDUC R 11	32	30.0	350		22	40	3,2	DC.. 11T3					235.43	132
A32S SDUC R/L 11	32	31.0	250	50.0	22	40	3,2	DC.. 11T3	235.43	332	235.43	332	235.43	332
A40T SDUC R/L 11	40	39.0	300	60.0	27	50	3,2	DC.. 11T3	282.64	340	282.64	340	282.64	340

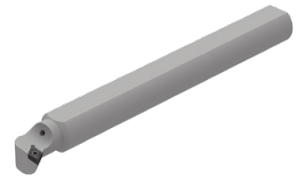
	Key D	Combination Key	Clamping screw	Solid Carbide Seat D	Threaded sleeve
	80 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
	£ Y7	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28
Spare parts for Article no.					
70 736 012 / 70 737 012	13.73	110	2.86	13800	
70 736 212 / 70 737 212	13.73	110	2.86	13800	
70 736 016 / 70 737 016	13.73	110	2.86	13800	
70 736 216 / 70 737 216	13.73	110	2.86	13800	
70 736 020	13.73	110	2.86	13800	
70 736 220 / 70 737 220	13.73	110	2.86	13800	
70 736 120	16.32	113	3.79	110	
70 736 320 / 70 737 320	16.32	113	3.79	110	
70 736 125 / 70 737 125		10.04	398	3.79	113
70 736 325 / 70 737 325	16.32	113	3.79	113	9.07
70 736 132		10.04	398	3.79	113
70 736 332 / 70 737 332		10.04	398	3.79	113
70 736 340 / 70 737 340		10.04	398	3.79	113

MaxiLock-S – SDUC 93° – Boring bar with screw clamping

▲ with carbide core



Illustrations show right-hand versions



ISO designation	DCONMS	H	OAL	LDRED	WF	DMIN	torque moment	Insert
	mm	mm	mm	mm	mm	mm	Nm	
E-A10H SDUC R/L 07	10	9	100	28.0	8	13	1,2	DC.. 0702
E-A12K SDUC R/L 07	12	11	125	18.0	9	18	1,2	DC.. 0702
E-A16M SDUC R/L 07	16	15	150	30.0	11	22	1,2	DC.. 0702
E-A20Q SDUC R/L 07	20	18	180	38.0	13	26	1,2	DC.. 0702
E-A20Q SDUC R/L 11	20	18	180	38.0	13	26	3,2	DC.. 11T3
E-A25R SDUC R/L 11	25	23	200	40.0	17	34	3,2	DC.. 11T3
E-A32S SDUC R/L 11	32	30	250	39.5	22	39	3,2	DC.. 11T3

Left-hand		Right-hand	
70 739 ...		70 738 ...	
£		£	
2A		2A	
217.24	210	217.24	210
217.24	212	217.24	212
345.37	216	345.37	216
433.05	220	433.05	220
458.48	320	458.48	320
660.37	225	660.37	225
968.91	232	968.91	232



Key D



Clamping screw

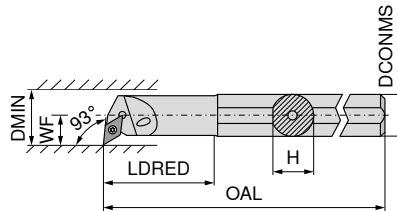
Spare parts for Article no.

70 738 210 / 70 739 210	
70 738 212 / 70 739 212	
70 738 216 / 70 739 216	
70 738 220 / 70 739 220	
70 738 320 / 70 739 320	
70 738 225 / 70 739 225	
70 738 232 / 70 739 232	

80 950 ...		70 950 ...	
£		£	
Y7		2A/28	
13.73	110	2.86	13800
13.73	110	2.86	13800
13.73	110	2.86	13800
13.73	110	2.86	13800
16.32	113	3.79	449
16.32	113	3.79	449
16.32	113	3.79	449

MaxiLock-S – SDUC 93° – Boring bar with screw clamping

▲ with carbide core

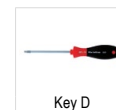


Illustrations show right-hand versions



ISO designation	DCONMS	H	OAL	LDRED	WF	DMIN	torque moment	Insert
	mm	mm	mm	mm	mm	mm	Nm	
E-A0810H SDUC R/L 07	10	9	100	22	7	12.5	1,2	DC.. 0702
E-A1012K SDUC R/L 07	12	11	125	28	9	15.5	1,2	DC.. 0702
E-A1216M SDUC R/L 07	16	15	150	36	11	19.5	1,2	DC.. 0702

Left-hand		Right-hand	
70 739 ...		70 738 ...	
£		£	
2A		2A	
270.53	410	270.53	410
270.53	412	270.53	412
270.53	416	270.53	416



Key D



Clamping screw

Spare parts for Article no.

70 738 410 / 70 739 410	
70 738 412 / 70 739 412	
70 738 416 / 70 739 416	

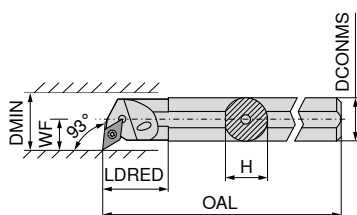
80 950 ...		70 950 ...	
£		£	
Y7		2A/28	
13.73	110	2.86	13800
13.73	110	2.86	13800
13.73	110	2.86	13800

MaxiLock-S – SDUC 93° – Boring bar with screw clamping

▲ Type: Solid carbide

Scope of supply:

Boring bar with Torx key



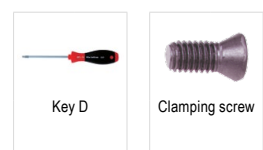
Illustrations show right-hand versions



ISO designation	DCONMS	H	OAL	LDRED	WF	DMIN	torque moment	Insert	Left-hand		Right-hand	
									£		£	
E12Q SDUC R/L 07	12	11.5	180	26	9	16	1,2	DC.. 0702	403.50	012	403.50	012
E16R SDUC R/L 07	16	15.0	200	34	11	20	1,2	DC.. 0702	527.26	016	527.26	016
E20S SDUC R/L 11	20	18.5	250	38	13	25	3,2	DC.. 11T3	658.65	120	658.65	120
E25T SDUC R/L 11	25	23.0	300	43	17	32	3,2	DC.. 11T3	1,161.46	125	1,161.46	125

Spare parts
for Article no.

70 739 012 / 70 738 012	£			
70 739 016 / 70 738 016	13.73	110	2.86	13800
70 739 120 / 70 738 120	16.32	113	3.79	304
70 739 125 / 70 738 125	16.32	113	3.79	113

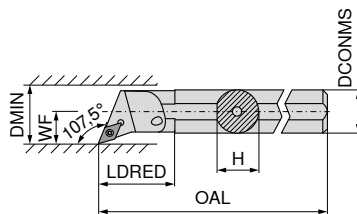


80 950 ...		70 950 ...	
£		£	
Y7		2A/28	

MaxiLock-S – SDQC 107.5° – Boring bar with screw clamping

Scope of supply:

Boring bar with Torx key



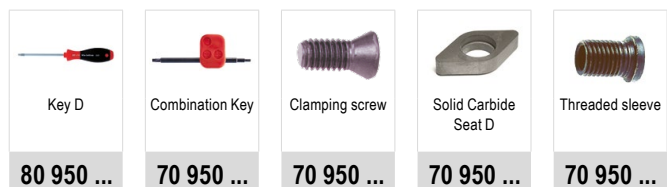
Illustrations show right-hand versions



ISO designation	DCONMS	H	OAL	LDRED	WF	DMIN	torque moment	Insert	Left-hand		Right-hand	
									£		£	
A10H SDQC R/L 07	10	9.0	100	22	7	12.5	1,2	DC.. 0702	116.94	210	116.94	210
A12K SDQC R/L 07	12	11.5	125	22	9	16.0	1,2	DC.. 0702	116.94	212	116.94	212
A16M SDQC R/L 07	16	15.0	150	29	11	20.0	1,2	DC.. 0702	119.50	216	119.50	216
A20Q SDQC R/L 07	20	18.5	180	32	13	25.0	1,2	DC.. 0702	148.95	220	148.95	220
A25R SDQC R/L 11	25	23.0	200	36	17	32.0	3,2	DC.. 11T3	171.24	225	171.24	225
A32S SDQC R/L 11	32	30.0	250	50	22	40.0	3,2	DC.. 11T3	235.43	232	235.43	232
A40T SDQC R/L 11	40	38.0	300	60	27	50.0	3,2	DC.. 11T3	282.64	240	282.64	240

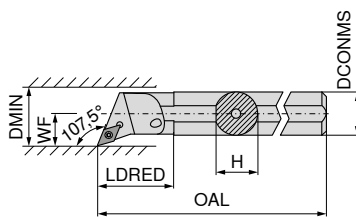
Spare parts
for Article no.

70 740 210 / 70 741 210	£			
70 740 212 / 70 741 212	13.73	110	2.86	13800
70 740 216 / 70 741 216	13.73	110	2.86	13800
70 740 220 / 70 741 220	13.73	110	2.86	13800
70 740 225 / 70 741 225			10.04	398
70 740 232 / 70 741 232			10.04	398
70 740 240 / 70 741 240			10.04	398



MaxiLock-S – SDQC 107.5° – Boring bar with screw clamping

▲ with carbide core



Illustrations show right-hand versions





ISO designation	DCONMS	H	OAL	LDRED	WF	DMIN	torque moment	Insert
	mm	mm	mm	mm	mm	mm	Nm	
E-A12K SDQC R/L 07	12	11	125	24	9	18	1,2	DC.. 0702
E-A16M SDQC R/L 07	16	15	150	30	11	22	1,2	DC.. 0702
E-A20Q SDQC R/L 07	20	18	180	38	13	26	1,2	DC.. 0702
E-A20Q SDQC R/L 11	20	18	180	45	13	26	3,2	DC.. 11T3
E-A25R SDQC R/L 11	25	23	200	38	17	34	3,2	DC.. 11T3
E-A32S SDQC R/L 11	32	30	250	43	22	39	3,2	DC.. 11T3

Left-hand		Right-hand	
70 751 ...		70 750 ...	
£		£	
2A		2A	
217.24	012	217.24	012
370.80	016	370.80	016
433.05	020	433.05	020
458.48	120	458.48	120
732.77	025	732.77	025
968.91	032	968.91	032

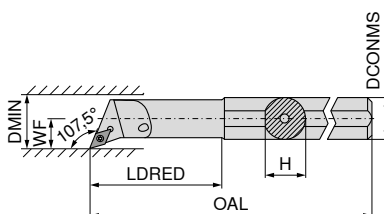
Spare parts for Article no.

70 750 012 / 70 751 012	
70 750 016 / 70 751 016	
70 750 020 / 70 751 020	
70 750 120 / 70 751 120	
70 750 025 / 70 751 025	
70 750 032 / 70 751 032	

			
Key D	Clamping screw		
80 950 ...		70 950 ...	
£		£	
Y7		2A/28	
13.73	110	2.86	13800
13.73	110	2.86	13800
13.73	110	2.86	13800
16.32	113	3.79	449
16.32	113	3.79	449
16.32	113	3.79	449

MaxiLock-S – SDQC 107.5° – Boring bar with screw clamping

▲ with carbide core



Illustrations show right-hand versions





ISO designation	DCONMS	H	OAL	LDRED	WF	DMIN	torque moment	Insert
	mm	mm	mm	mm	mm	mm	Nm	
E-A0810H SDQC R/L 07	10	9	100	22	7	12.5	1,2	DC.. 0702
E-A1012K SDQC R/L 07	12	11	125	28	9	15.5	1,2	DC.. 0702
E-A1216M SDQC R/L 07	16	15	150	36	11	19.5	1,2	DC.. 0702

Left-hand		Right-hand	
70 751 ...		70 750 ...	
£		£	
2A		2A	
270.53	210	270.53	210
270.53	212	270.53	212
270.53	216	270.53	216

Spare parts for Article no.

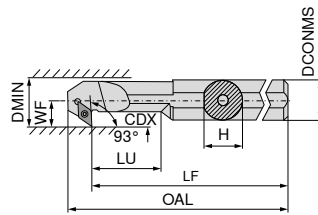
70 750 210 / 70 751 210	
70 750 212 / 70 751 212	
70 750 216 / 70 751 216	

			
Key D	Clamping screw		
80 950 ...		70 950 ...	
£		£	
Y7		2A/28	
13.73	110	2.86	13800
13.73	110	2.86	13800
13.73	110	2.86	13800

MaxiLock-S – SDXC 93° – Boring bar with screw clamping

Scope of supply:

Boring bar with Torx key



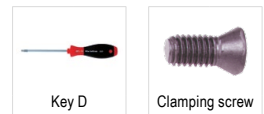
Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	LF mm	OAL mm	LU mm	WF mm	DMIN mm	CDX mm	torque moment Nm	Insert	Left-hand 70 733 ...		Right-hand 70 732 ...	
											£		£	
A12K SDXC R/L 07	12	11.5	125	137.0	24	9	16	4.5	1,2	DC.. 0702	2A/24	212	2A/24	212
A16M SDXC R/L 07	16	15.0	150	162.0	36	11	20	4.5	1,2	DC.. 0702	119.50	216	119.50	216
A20Q SDXC R/L 11	20	18.5	180	196.5	40	13	25	6.5	3,2	DC.. 11T3	148.95	220	148.95	220
A25R SDXC R/L 11	25	23.0	200	216.8	50	17	32	9.5	3,2	DC.. 11T3	171.24	225	171.24	225

**Spare parts
for Article no.**

70 733 212 / 70 732 212	£		£	
	Y7	110	2A/28	13800
70 733 216 / 70 732 216	13.73	110	2.86	13800
70 733 220 / 70 732 220	16.32	113	3.79	304
70 733 225 / 70 732 225	16.32	113	3.79	304

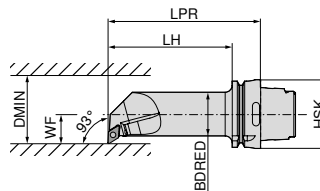


80 950 ...	£		£	
	Y7	110	2A/28	13800
70 950 ...	13.73	110	2.86	13800
	16.32	113	3.79	304
	16.32	113	3.79	304

MaxiLock-S – SDUC 93° – Boring bar with screw clamping

Scope of supply:

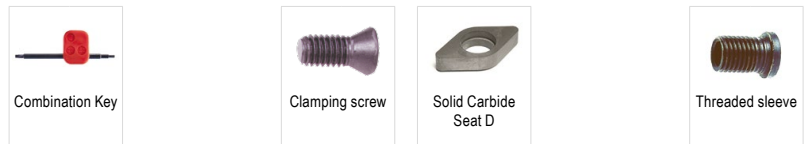
Boring bar with Torx key



Illustrations show right-hand versions



ISO designation	Adapter	LPR mm	LH mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 74 566 ...		Right-hand 74 565 ...	
									£		£	
HSK T63 40L SDUC R/L 11	HSK-T 63	140	114	40	27	50	3.2	DC.. 11T3	2D/80	511	2D/80	511
									566.58		566.58	

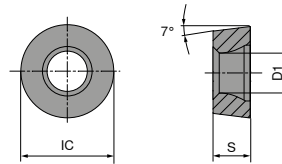


**Spare parts
for Article no.**

74 565 511 / 74 566 511	T15/SW	£	398	M3,5x11	£	113	£	106	M3,5	£	171
		2A/28	10.04		2A/28	3.79	2A/28	9.07		2A/28	5.62

RCMT / RCGT / RCMX

Designation	S mm	D1 mm	IC mm
RCGT 0602..	2.38	2.8	6
RCGT 0803..	3.18	3.4	8
RC.T 1003..	3.18	4.0	10
RCMT 10T3..	3.97	4.4	10
RCMT 1204..	4.76	4.9	12
RCMT 1606..	6.35	5.3	16
RCMT 2006..	6.35	6.5	20
RCMT 2507..	7.94	7.2	25
RCMX 2507..	7.94	10.5	25



RCMT / RCGT

		NEW		NEW		NEW		NEW		NEW	
		-SMF	-SM	-SM	-SM	-SM	-SM	-SM	-SM	-SM	-SM
		CTCK110	CTCP115-P	CTCP115-P	CTCP115-P	CTCP125-P	CTCP125-P	CTCP125-P	CTCP125-P	CTCP135-P	CTCP135-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
		F	M	M	M	M	M	M	M	M	M
		RCMT	RCGT	RCMT	RCMT	RCGT	RCGT	RCMT	RCGT	RCMT	RCGT
		70 188 ...	76 185 ...	76 186 ...	76 264 ...	76 262 ...	76 264 ...	76 264 ...	76 262 ...	76 262 ...	76 262 ...
ISO	RE mm	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08
0602M0EN	3.0					9.79	50201		9.79	70201	
0803M0EN	4.0		11.21	30401		10.89	51201		10.89	71201	
1003M0SN	5.0							9.41	51401		
1204M0SN	6.0				11.16	32801		11.16	52601		
1606M0EN	8.0	21.96	038								
1606M0SN	8.0				21.96	34001		21.96	53801		
2006M0SN	10.0			31.13	35001			30.21	55001		
2507M0SN	12.5				48.66	36201		48.66	56201		
P		○	●	●	●	●	●	●	●	●	●
M											○
K		●	○	○	○	○	○	○	○	○	○
N											
S											
H											
O											

RCMT / RCMX

		NEW		NEW		NEW		NEW		NEW		NEW			
		-SM CTCP135-P		-M23 CTCP115-P		-M23 CTCP115-P		-M23 CTCP115-P		-M23 CTCP125-P		-SM CTCM120		-SM CTPM125	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M RCMT		M RCMT		M RCMX		M RCMT		M RCMT		M RCMT		M RCMT	
		76 264 ...		74 117 ...		74 117 ...		74 121 ...		74 121 ...		75 221 ...		75 221 ...	
ISO	RE mm	£		£		£		£		£		£		£	
1003M0SN	5.0	1A/08	9.41	1A/08		1A/08		1A/08		1A/08		1A/08	9.71	1A/08	11400
10T3M0SN	5.0							9.71	21400						
1204M0SN	6.0		11.16					11.50	22600	11.50	62600				
1606M0SN	8.0		21.96					22.64	23800	22.64	63800				
2006M0SN	10.0		30.21		31.12	25000				31.13	65000			31.13	25000
2507M0SN	12.5		48.66			50.13	25400								
2507M0SN	12.5													50.13	26200
P			●		●		●		●		●		○		○
M			○										●		●
K					○		○		○		○				
N															
S															
H															
O															

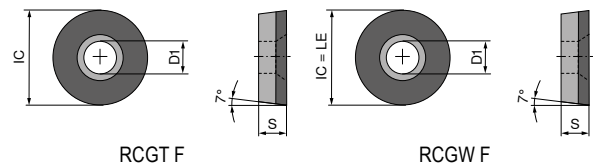
9

RCGT / RCMT

						NEW				
		-25P H210T		-27 H10T		-SM CTPX710		-27 CTPX715		
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		
		F RCGT		M RCGT		M RCMT		M RCGT		
		70 241 ...		70 266 ...		75 221 ...		70 266 ...		
ISO	RE mm	£		£		£		£		
0602M0FN	3	1A/90		1A/90	7.30	600	1A/90		12.29	70200
0803M0FN	4		8.50	60200	8.15	602			9.54	80200
1003M0FN	5				8.15	604			9.54	80400
1003M0SN	5						9.71	61400		
1204M0FN	6								11.83	72800
P								●		●
M								●		●
K					○		○			○
N					●		●	○		●
S					○			●		●
H										
O					○		○			○

RCGW / RCGT

Designation	S mm	D1 mm	IC mm
RCG. 0602..	2.38	2.8	6
RCGW 0803..	3.18	3.4	8
RCGW 1003..	3.18	4.4	10
RCGT 10T3..	3.97	4.4	10
RCGW 1204..	4.76	4.4	12



RCGW / RCGT

▲ TCE(NOI) = Design and number of equipped cutting edge corners

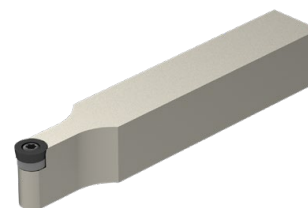
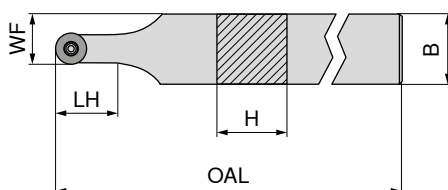
	CTDPD20	-CB1 CTDPD20	CTDPS30	-CB1 CTDPS30	-CB2 CTDPS30
	F	F	F	F	M
	DIAMOND RCGW	DIAMOND RCGT	DIAMOND RCGW	DIAMOND RCGT	DIAMOND RCGT
	71 179 ...	71 315 ...	71 179 ...	71 315 ...	71 316 ...
	£ Y0	£ Y0	£ Y0	£ Y0	£ Y0
0602M0FN	167.51	297.09	167.51	297.09	297.09
	10001	102	20001	202	202
0803M0FN	217.23		217.23		
	10101		20101		
1003M0FN	280.54				
	10201				
10T3M0FN		390.53		390.53	390.53
		104		204	204
1204M0FN	355.18				
	10301				

P					
M					
K					
N		•	•	•	•
S					
H					
O		•	•	•	•

MaxiLock-S – SRDC 0° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



NEW

Neutral

70 646 ...

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	£	
SRDC N 1212 F06	12	12	80	12.0	9.0	1,2	RC.. 0602	89.36	01200
SRDC N 1616 H06	16	16	100	12.0	11.0	1,2	RC.. 0602	94.36	01600
SRDC N 2020 K06	20	20	125	12.0	13.0	1,2	RC.. 0602	105.27	02000
SRDC N 2525 M06	25	25	150	12.4	15.5	1,2	RC.. 0602	109.25	02500
SRDC N 1616 H08	16	16	100	16.0	12.0	1,8	RC.. 0803	94.36	11600
SRDC N 2020 K08	20	20	125	16.5	14.0	1,8	RC.. 0803	105.27	12000
SRDC N 2525 M08	25	25	150	16.5	16.5	1,8	RC.. 0803	109.25	12500
SRDC N 1616 H10	16	16	100	20.9	13.0	3,2	RC.. 1003 / RC.. 10T3	94.36	21600
SRDC N 2020 K10	20	20	125	20.0	15.0	3,2	RC.. 1003 / RC.. 10T3	105.27	22000
SRDC N 2525 M10	25	25	150	20.9	17.5	3,2	RC.. 1003 / RC.. 10T3	109.25	22500

1 When using WSP RC .. 10T3 indexable inserts, use insert seat article no. 70 950 92100.

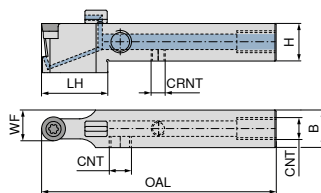
Key D	Clamping screw	Solid carbide support R	Threaded sleeve
80 950 ...	70 950 ...	70 950 ...	70 950 ...
£ Y7	£ 2A/28	£ 2A/28	£ 2A/28
70 646 01200	11.62 039	4.96 857	
70 646 01600	11.62 039	4.96 857	
70 646 02000	11.62 039	4.96 857	
70 646 02500	11.62 039	4.96 857	
70 646 11600	15.06 118	3.79 819	
70 646 12000	15.06 118	3.79 819	
70 646 12500	15.06 118	3.79 819	
70 646 21600	16.05 120	4.72 87900	14.98 117
70 646 22000	16.05 120	4.72 87900	14.98 117
70 646 22500	16.05 120	4.72 87900	14.98 117

Spare parts for Article no.

MaxiLock-S – SRDC 0° DC – Tool holder with screw clamping

Scope of supply:

Tool holder with blind plug and Torx key



NEW

Neutral

70 775 ...

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	£ 2A/24	
SRDC N 1212 F06 DC	12	12	80	26	9.0	M6	M6	1,2	RC.. 0602	208.45	01200
SRDC N 1616 H06 DC	16	16	100	30	11.0	M6	G1/8"	1,2	RC.. 0602	210.85	01600
SRDC N 2020 K06 DC	20	20	125	30	13.0	M6	G1/8"	1,2	RC.. 0602	198.04	02000
SRDC N 2525 M06 DC	25	25	150	30	15.5	M6	G1/8"	1,2	RC.. 0602	205.52	02500
SRDC N 1616 H08 DC	16	16	100	30	12.0	M6	G1/8"	1,8	RC.. 0803	210.85	11600
SRDC N 2020 K08 DC	20	20	125	30	14.0	M6	G1/8"	1,8	RC.. 0803	198.04	12000
SRDC N 2525 M08 DC	25	25	150	31	16.5	M6	G1/8"	1,8	RC.. 0803	205.52	12500
SRDC N 1616 H10 DC	16	16	100	30	13.0	M6	G1/8"	3,2	RC.. 1003 / RC.. 10T3	210.85	21600
SRDC N 2020 K10 DC	20	20	125	30	15.0	M6	G1/8"	3,2	RC.. 1003 / RC.. 10T3	198.04	22000
SRDC N 2525 M10 DC	25	25	150	36	17.5	M6	G1/8"	3,2	RC.. 1003 / RC.. 10T3	205.52	22500

When using WSP RC .. 10T3 indexable inserts, use insert seat article no. 70 950 92100.

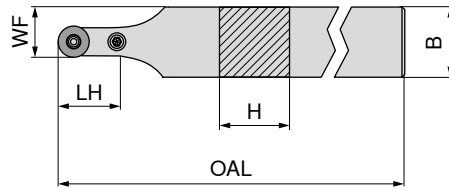
Spare parts for Article no.	Clamping screw		Solid carbide support R		Grubscrew		Grubscrew		Threaded sleeve	
	£ 2A/28		£ 2A/28		£ 2A/28		£ 2A/28		£ 2A/28	
70 775 01200	4.96	857					3.51	86700		
70 775 01600	4.96	857			2.16	88000	3.51	86700		
70 775 02000	4.96	857			2.16	88000	3.51	86700		
70 775 02500	4.96	857			2.16	88000	3.51	86700		
70 775 11600	3.79	819			2.16	88000	3.51	86700		
70 775 12000	3.79	819			2.16	88000	3.51	86700		
70 775 12500	3.79	819			2.16	88000	3.51	86700		
70 775 21600	4.72	87900	14.98	117	2.16	88000	3.51	86700	5.62	171
70 775 22000	4.72	87900	14.98	117	2.16	88000	3.51	86700	5.62	171
70 775 22500	4.72	87900	14.98	117	2.16	88000	3.51	86700	5.62	171

Spare parts for Article no.	Sealing plugs DC		Key D		O-Ring		Coolant nozzle DC		Coolant screw plug	
	£ 2A/28		£ Y7		£ 2A/28		£ 2A/28		£ 2A/28	
70 775 01200			11.62	039						
70 775 01600	1.52	87600	11.62	039	1.32	88100	29.58	87700	4.31	294
70 775 02000	1.52	87600	11.62	039	1.32	88100	29.58	87700	4.31	294
70 775 02500	1.52	87600	11.62	039	1.32	88100	29.58	87700	4.31	294
70 775 11600	1.52	87600	15.06	118	1.32	88100	29.58	87700	4.31	294
70 775 12000	1.52	87600	15.06	118	1.32	88100	29.58	87700	4.31	294
70 775 12500	1.52	87600	15.06	118	1.32	88100	29.58	87700	4.31	294
70 775 21600	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294
70 775 22000	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294
70 775 22500	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294

MaxiLock-N – PRDC 0° – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Neutral

70 544 ...

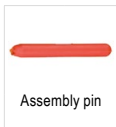
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	£	
PRDC N 2525 M12	25	25	150	24	18.5	3	RC.. 1204	106.53	025
PRDC N 3225 P12	32	25	170	24	18.5	3	RC.. 1204	114.27	032
PRDC N 3225 P16	32	25	170	28	20.5	4	RC.. 1606	114.27	132



Key I



Shim



Assembly pin



Lever



Clamping screw



Solid carbide support R

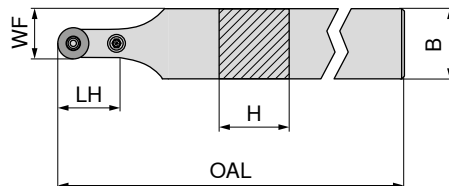
Spare parts for Article no.

Article no.	Key I	Shim	Assembly pin	Lever	Clamping screw	Solid carbide support R						
70 544 025	2.97	175	2.13	197	1.49	191	18.80	178	3.87	208	8.59	215
70 544 032	2.97	175	2.13	197	1.49	191	18.80	178	3.87	208	8.59	215
70 544 132	2.97	176	1.67	196	1.49	192	19.46	387	4.24	390	15.25	384

MaxiLock-N – PRDC 0° – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Neutral

70 545 ...

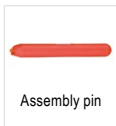
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	£	
PRDC N 3232 P20	32	32	170	32	26.0	5	RC.. 2006	141.08	23200
PRDC N 4040 S25	40	40	250	42	32.5	6	RCMT 2507 / RCMX 2507	175.49	40400



Key I



Shim



Assembly pin



Lever



Clamping screw



Solid carbide support R

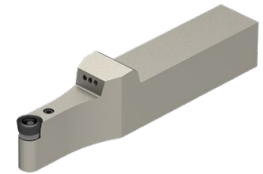
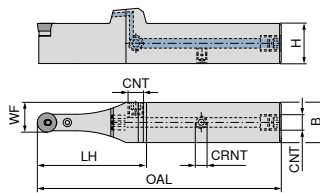
Spare parts for Article no.

Article no.	Key I	Shim	Assembly pin	Lever	Clamping screw	Solid carbide support R						
70 545 23200	2.97	177	1.34	391	1.49	394	18.45	28100	4.16	28500	20.63	27400
70 545 40400	3.13	396	2.13	392	1.49	395	22.71	28400	9.06	28600	38.70	27500

MaxiLock-N – PRDC 0° DC – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



NEW

Neutral

70 595 ...

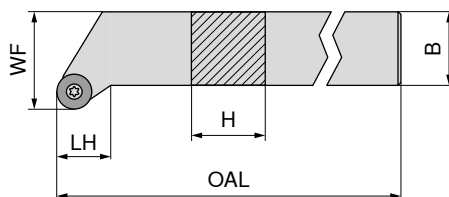
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	£ 2A/24	
PRDC N 2020 X12-T DC	20	20	132	63	16.0	M6	G1/8"	3	RC.. 1204	207.80	02000
PRDC N 2525 X12-T DC	25	25	152	68	18.5	M6	G1/8"	3	RC.. 1204	218.74	02500
PRDC N 3225 X12-T DC	32	25	168	68	18.5	M6	G1/8"	3	RC.. 1204	229.68	03200
PRDC N 3225 X16-T DC	32	25	172	72	20.5	M6	G1/8"	4	RC.. 1606	229.68	13200
PRDC N 3232 X20-T DC	32	32	176	76	26.0	M6	G1/8"	5	RC.. 2006	240.62	23200
PRDC N 4040 X25-T DC	40	40	216	91	32.5	M6	G1/8"	6	RCMT 2507 / RCMX 2507	262.51	04000

	Key I	Shim	Assembly pin	Coolant screw plug	Lever	Clamping screw	Solid carbide support R	Grubscrew
	70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28
Spare parts for Article no.								
70 595 02000	2.97 175	2.13 197	1.49 191	4.31 294	18.80 178	3.87 208	8.59 215	3.51 86700
70 595 02500	2.97 175	2.13 197	1.49 191	4.31 294	18.80 178	3.87 208	8.59 215	3.51 86700
70 595 03200	2.97 175	2.13 197	1.49 191	4.31 294	18.80 178	3.87 208	8.59 215	3.51 86700
70 595 13200	2.97 175	1.67 196	1.49 192	4.31 294	19.46 387	4.24 390	15.25 384	3.51 86700
70 595 23200	2.97 177	1.34 391	1.49 394	4.31 294	18.45 28100	4.16 28500	20.63 27400	3.51 86700
70 595 04000	3.13 396	2.13 392	1.49 395	4.31 294	22.71 28400	9.06 28600	38.70 27500	3.51 86700

MaxiLock-S – SRGC – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	NEW	
								Left-hand	Right-hand
SRGC R/L 1212 F06	12	12	80	12.5	16	1,2	RC.. 0602	70 647 ... £ 2A/24 89.36	70 647 ... £ 2A/24 89.36
SRGC R 1616 H06	16	16	100	12.5	20	1,2	RC.. 0602	01200	01601
SRGC R/L 2020 K06	20	20	125	15.0	25	1,2	RC.. 0602	105.27	105.27
SRGC R/L 2525 M06	25	25	150	18.5	32	1,2	RC.. 0602	109.25	109.25
SRGC R/L 1616 H08	16	16	100	13.6	20	1,8	RC.. 0803	94.36	94.36
SRGC R 2020 K08	20	20	125	16.1	25	1,8	RC.. 0803	11600	12001
SRGC R/L 2525 M08	25	25	150	19.6	32	1,8	RC.. 0803	109.25	109.25
SRGC R/L 2020 K10	20	20	125	16.1	25	3,2	RC.. 1003 / RC.. 10T3	22000	22001
SRGC R/L 2525 M10	25	25	150	19.6	32	3,2	RC.. 1003 / RC.. 10T3	22500	22501

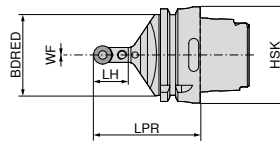
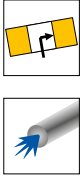
When using WSP RC .. 10T3 indexable inserts, use insert seat article no. 70 950 92100.

Spare parts for Article no.	Key D		Clamping screw		Solid carbide support R		Threaded sleeve	
	£		£		£		£	
70 647 01200 / 70 647 01201	11.62	039	4.96	857	14.98	117	5.62	171
70 647 01601	11.62	039	4.96	857				
70 647 02000 / 70 647 02001	11.62	039	4.96	857				
70 647 02500 / 70 647 02501	11.62	039	4.96	857				
70 647 11600 / 70 647 11601	15.06	118	3.79	819				
70 647 12001	15.06	118	3.79	819				
70 647 12500 / 70 647 12501	15.06	118	3.79	819				
70 647 22000 / 70 647 22001	16.05	120	4.72	87900	14.98	117	5.62	171
70 647 22500 / 70 647 22501	16.05	120	4.72	87900	14.98	117	5.62	171

MaxiLock-N – PRDC 0° – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Neutral

74 548 ...

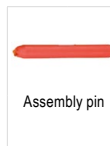
ISO designation	Adapter	LPR mm	BDRED mm	WF mm	torque moment Nm	Insert	£ 2D/80	£
HSK T63 PRDC N 12	HSK-T 63	70	53	0	3	RC.. 1204 M0	415.94	512
HSK T100 PRDC N 12	HSK-T 100	80	88	0	3	RC.. 1204 M0	474.20	712
HSK T100 PRDC N 16	HSK-T 100	80	88	0	4	RC.. 1606 M0	474.20	716



Key I



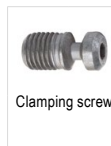
Shim



Assembly pin



Lever



Clamping screw



Solid carbide support R

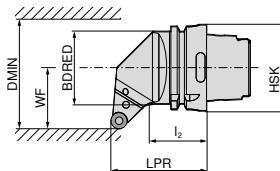
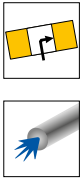
Spare parts for Article no.

Article no.	Part	£	£	£	£	£	£	£	£				
74 548 512	SW2,5	2.97	175	2.13	197	1.49	191	18.80	178	3.87	208	8.59	215
74 548 712	SW2,5	2.97	175	2.13	197	1.49	191	18.80	178	3.87	208	8.59	215
74 548 716	SW3	2.97	176	1.67	196	1.49	192	19.46	387	4.24	390	15.25	384

MaxiLock-N – PRSC – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

Left-hand

Right-hand

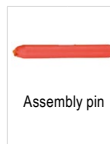
ISO designation	Adapter	LPR mm	l ₂ mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	£ 2D/80	£	£ 2D/80	£
HSK T63 PRSC R/L 12	HSK-T 63	70	44	53	45	100	3	RC.. 1204 M0	415.94	512	415.94	512
HSK T100 PRSC R/L 12	HSK-T 100	80	57	88	55	106	3	RC.. 1204 M0	474.20	712	474.20	712
HSK T100 PRSC R/L 16	HSK-T 100	80	55	88	55	125	4	RC.. 1606 M0	474.20	716	474.20	716



Key I



Shim



Assembly pin



Lever



Clamping screw



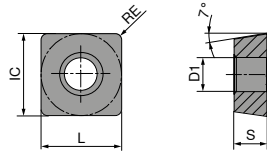
Solid carbide support R

Spare parts for Article no.

Article no.	Part	£	£	£	£	£	£	£	£				
74 551 512 / 74 552 512	SW2,5	2.97	175	2.13	197	1.49	191	18.80	178	3.87	208	8.59	215
74 551 712 / 74 552 712	SW2,5	2.97	175	2.13	197	1.49	191	18.80	178	3.87	208	8.59	215
74 551 716 / 74 552 716	SW3	2.97	176	1.67	196	1.49	192	19.46	387	4.24	390	15.25	384

SCGT / SCMT

Designation	L mm	S mm	D1 mm	IC mm
SC.T 09T3..	9.52	3.97	4.4	9.52
SC.T 1204..	12.70	4.76	5.5	12.70



SCGT / SCMT

		-CF05 CTEP110		-CF55 CTEP110		-SF TCM10		NEW -SF CTCP115-P		NEW -SF CTCP125-P		NEW -SMF CTCP115-P		NEW -SMF CTCP135-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F		F		F		F		F		F		F	
		CERMET SCGT		CERMET SCMT		CERMET SCGT		SCMT		SCMT		SCMT		SCMT	
		76 261 ...		76 260 ...		70 271 ...		76 187 ...		76 269 ...		76 267 ...		76 267 ...	
ISO	RE mm	£ 1A/78		£ 1A/78		£ 1A/78		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08	
09T304EN	0.4	18.29	004	11.73	004	16.78	902	11.75	50401	11.75	50401	11.75	30401		
09T308EN	0.8	18.29	006	11.73	006	16.78	904	12.12	30601	11.75	50601	11.75	30601		
120408EN	0.8									16.54	51801			16.54	71801
P			●		●		●		●		●		●		●
M			○		○		○		○		○		○		○
K			○		○		○		○		○		○		○
N															
S															
H															
O															

9

SCMT

		-SM CTCK110		-SM CTCK120		NEW -SM CTCP115-P		NEW -SM CTCP125-P		NEW -SM CTCP135-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M		M		M		M		M	
		SCMT		SCMT		SCMT		SCMT		SCMT	
		70 268 ...		70 268 ...		76 268 ...		76 268 ...		76 268 ...	
ISO	RE mm	£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08	
09T304EN	0.4	11.75	004	11.75	504	11.75	30401	11.75	50401	11.75	70401
09T308EN	0.8	11.75	006	11.75	506	11.75	30601	11.75	50601	11.75	70601
120408EN	0.8	16.54	018	16.54	518	16.54	31801	16.54	51801	16.54	71801
120412EN	1.2	16.54	020	16.54	520			16.54	52001		
P			○		○		●		●		●
M											○
K			●		●		○		○		
N											
S											
H											
O											

SCMT

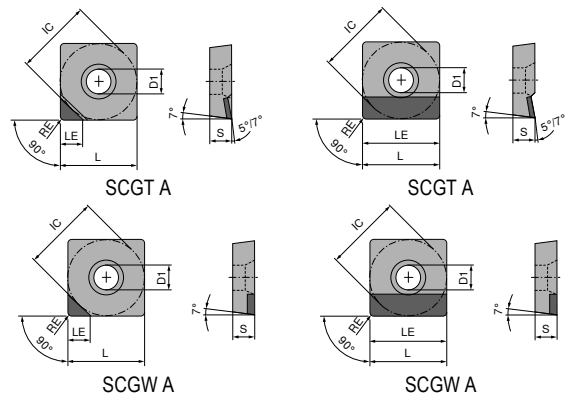
		NEW -M25 CTPM125		NEW -SM CTPM125		-M55 CTCM120		-M55 CTPM125		-M55 CTCM130	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F SCMT		M SCMT		M SCMT		M SCMT		M SCMT	
		75 222 ...		75 049 ...		75 216 ...		75 216 ...		75 216 ...	
ISO	RE mm	£		£		£		£		£	
09T304EN	0.4	1A/08	70400	1A/08	20600	1A/08	10600	1A/08	206	1A/08	30600
09T308EN	0.8	12.11		12.11		11.75		11.75		11.75	
120408EN	0.8			17.05	21800	16.54	11800	16.54	218	16.54	31800
P			○		○		○		○		○
M			●		●		●		●		●
K											
N											
S											○
H											
O											

SCGT

		-25P H210T		-25P CTPX710		-27 CTPX715		-27 H10T	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F SCGT		M SCGT		M SCGT		M SCGT	
		70 283 ...		70 283 ...		70 270 ...		70 270 ...	
ISO	RE mm	£		£		£		£	
09T304FN	0.4	1A/90	634	1A/90	71600	1A/90	80400	1A/90	600
09T308FN	0.8					16.33	80600	13.23	602
120408FN	0.8	16.12		19.09	71600	19.54	71800	15.44	604
P					●		●		
M					●		●		
K			○		○		○		○
N			●		●		●		●
S			○		●		●		●
H									
O					○		○		○

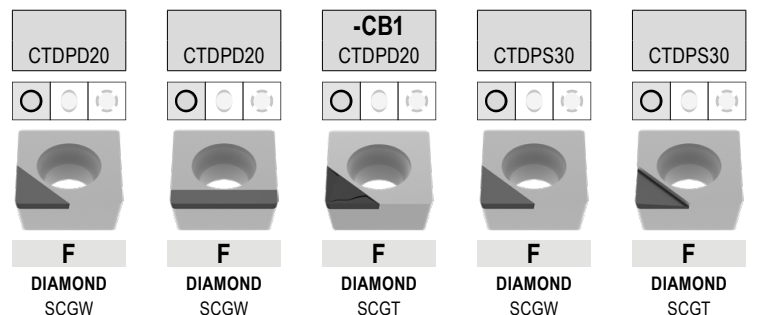
SCGW / SCGT

Designation	L mm	S mm	D1 mm	IC mm
SCG. 09T3..	9.52	3.97	4.4	9.52
SCG. 1204..	12.70	4.76	5.5	12.70



SCGW / SCGT

▲ TCE(NOI) = Design and number of equipped cutting edge corners



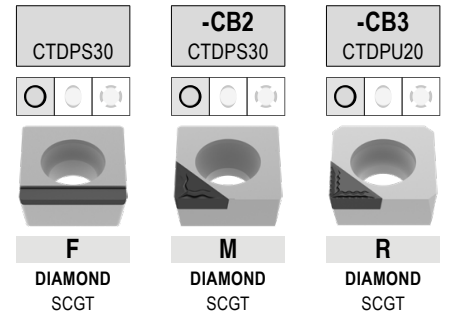
ISO	RE mm	TCE (NOI)	LE mm	71 182 ...		71 183 ...		71 320 ...		71 182 ...		71 180 ...	
				£ Y0	10001	£ Y0	10001	£ Y0	114	£ Y0	20601	£ Y0	20001
09T304FN	0.4	A (1)	9.52			135.77	10001	145.18	114	90.51	20601	90.51	20001
09T304FN	0.4	A (1)	4.40	90.51	10001								
09T308FN	0.8	A (1)	9.52			135.77	10101	145.18	118			90.51	20101
09T308FN	0.8	A (1)	4.30	90.51	10101								
09T312FN	1.2	A (1)	4.20	90.51	10201							90.51	20201
120404FN	0.4	A (1)	12.70			150.19	10201						
120404FN	0.4	A (1)	4.40	92.58	10301								
120408FN	0.8	A (1)	4.30	92.58	10401								
120408FN	0.8	A (1)	12.70			150.19	10301						
120412FN	1.2	A (1)	4.20	92.58	10501								
120412FN	1.2	A (1)	12.70			150.19	10401						

P													
M													
K													
N													
S													
H													
O													

9

SCGT

▲ TCE(NOI) = Design and number of equipped cutting edge corners



ISO	RE mm	TCE (NOI)	LE mm
09T304FN	0.4	A (1)	4.4
09T308FN	0.8	A (1)	9.5
09T308FN	0.8	A (1)	4.3
120408FN	0.8	A (1)	12.7
120412FN	1.2	A (1)	12.0

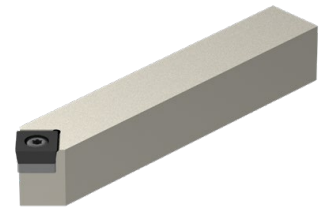
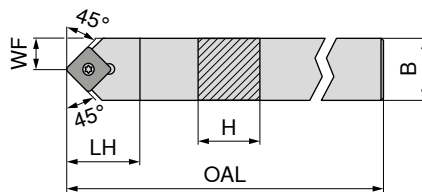
71 181 ...		71 321 ...		71 322 ...	
£		£		£	
Y0		Y0		Y0	
		135.12	214	108.04	214
135.77	20001	145.18	218	116.67	218
150.19	20101				
150.19	20201				

P			
M			
K			
N		•	•
S			
H			
O		•	•

MaxiLock-S – SSDC 45° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



NEW
Neutral

70 651 ...

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	£	
SSDC N 1212 F09	12	12	80	16	6.0	3,2	SC.. 09T3..	79.44	01200
SSDC N 1616 H09	16	16	100	20	8.0	3,2	SC.. 09T3..	99.31	01600
SSDC N 2020 K09	20	20	125	20	10.0	3,2	SC.. 09T3..	105.27	02000
SSDC N 1616 H12	16	16	100	25	8.0	5	SC.. 1204..	99.31	11600
SSDC N 2020 K12	20	20	125	25	10.0	5	SC.. 1204..	105.27	12000
SSDC N 2525 M12	25	25	150	25	12.5	5	SC.. 1204..	109.25	12500

Key D	Clamping screw	Solid Carbide support S	Threaded sleeve
80 950 ...	70 950 ...	70 950 ...	70 950 ...
£ Y7	£ 2A/28	£ 2A/28	£ 2A/28
16.05 120	4.72 87900	11.71 167	5.62 171
16.05 120	4.72 87900	14.98 168	5.62 170
16.05 120	3.62 820	14.98 168	5.62 170
16.05 120	3.62 820	14.98 168	5.62 170

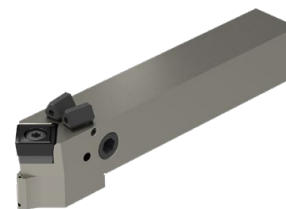
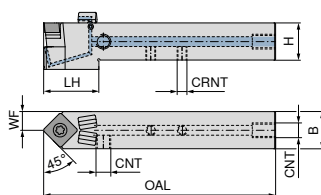
Spare parts for Article no.

70 651 01200	16.05 120	4.72 87900	11.71 167	5.62 171
70 651 01600	16.05 120	4.72 87900	14.98 168	5.62 170
70 651 02000	16.05 120	3.62 820	14.98 168	5.62 170
70 651 11600	16.05 120	3.62 820	14.98 168	5.62 170
70 651 12000	16.05 120	3.62 820	14.98 168	5.62 170
70 651 12500	16.05 120	3.62 820	14.98 168	5.62 170

MaxiLock-S – SSDC 45° DC – Tool holder with screw clamping

Scope of supply:

Tool holder with blind plug and Torx key



NEW

Neutral

70 776 ...

ISO designation	H	B	OAL	LH	WF	CRNT	CNT	torque moment	Insert	£	
	mm	mm	mm	mm	mm			Nm		2A/24	
SSDC N 1212 F09 DC	12	12	80	25	12.8	M6	M6	3,2	SC..09T3..	168.10	01200
SSDC N 1616 H09 DC	16	16	100	30	16.0	M6	G1/8"	3,2	SC..09T3..	186.88	01600
SSDC N 2020 K09 DC	20	20	125	30	20.0	M6	G1/8"	3,2	SC..09T3..	198.04	02000
SSDC N 1616 H12 DC	16	16	100	29	17.3	M6	G1/8"	5	SC..1204..	186.88	11600
SSDC N 2020 K12 DC	20	20	125	30	20.0	M6	G1/8"	5	SC..1204..	198.04	12000
SSDC N 2525 M12 DC	25	25	150	30	25.0	M6	G1/8"	5	SC..1204..	205.52	02500

Spare parts
for Article no.

	£		£		£		£		£
	2A/28		2A/28		2A/28		2A/28		2A/28
70 776 01200	4.72	87900					3.51	86700	
70 776 01600	4.72	87900	11.71	167	2.16	88000	3.51	86700	5.62 171
70 776 02000	4.72	87900	11.71	167	2.16	88000	3.51	86700	5.62 171
70 776 11600	3.62	820	14.98	168	2.16	88000	3.51	86700	5.62 170
70 776 12000	3.62	820	14.98	168	2.16	88000	3.51	86700	5.62 170
70 776 02500	3.62	820	14.98	168	2.16	88000	3.51	86700	5.62 170



70 950 ...

£		£		£		£		£	
2A/28		2A/28		2A/28		2A/28		2A/28	

Spare parts
for Article no.

	£		£		£		£		£
	2A/28		Y7		2A/28		2A/28		2A/28
70 776 01200			16.05	120					
70 776 01600	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31 294
70 776 02000	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31 294
70 776 11600	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31 294
70 776 12000	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31 294
70 776 02500	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31 294



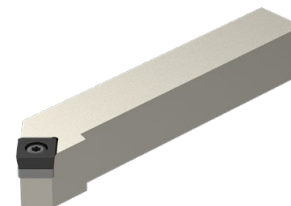
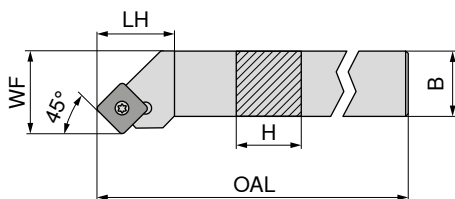
70 950 ...

£		£		£		£		£	
2A/28		Y7		2A/28		2A/28		2A/28	

MaxiLock-S – SSSC 45° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	NEW	
								Left-hand	Right-hand
SSSC R/L 1212 F09	12	12	80	18	16	3,2	SC.. 09T3..	70 654 ... £ 2A/24 79.44	01200 £ 2A/24 79.44
SSSC R/L 1616 H09	16	16	100	20	20	3,2	SC.. 09T3..	01200 £ 2A/24 99.31	01601 £ 2A/24 99.31
SSSC R/L 2020 K09	20	20	125	20	25	3,2	SC.. 09T3..	02000 £ 2A/24 105.27	02001 £ 2A/24 105.27
SSSC R/L 1616 H12	16	16	100	25	20	5	SC.. 1204..	11600 £ 2A/24 99.31	11601 £ 2A/24 99.31
SSSC R/L 2020 K12	20	20	125	25	25	5	SC.. 1204..	12000 £ 2A/24 105.27	12001 £ 2A/24 105.27
SSSC R/L 2525 M12	25	25	150	25	32	5	SC.. 1204..	12500 £ 2A/24 109.25	12501 £ 2A/24 109.25
SSSC R 3225 P12	32	25	170	25	32	5	SC.. 1204..	13201 £ 2A/24 114.20	13201 £ 2A/24 13201

Spare parts

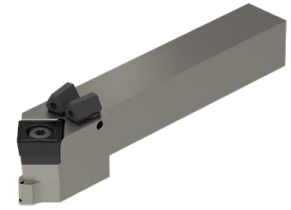
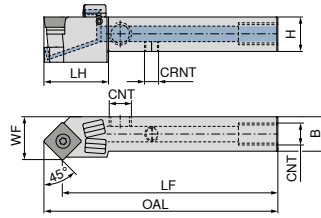
for Article no.

Article no.	Key D	Clamping screw	Solid Carbide support S	Threaded sleeve
70 654 01201 / 70 654 01200	80 950 ... £ Y7 16.05	70 950 ... £ 2A/28 4.72	70 950 ... £ 2A/28 11.71	70 950 ... £ 2A/28 5.62
70 654 01601 / 70 654 01600	120	87900	167	171
70 654 02001 / 70 654 02000	120	87900	167	171
70 654 11601 / 70 654 11600	120	820	168	170
70 654 12001 / 70 654 12000	120	820	168	170
70 654 12501 / 70 654 12500	120	820	168	170
70 654 13201	120	820	168	170

MaxiLock-S – SSSC 45° DC – Tool holder with screw clamping

Scope of supply:

Tool holder with blind plug and Torx key



NEW Left-hand
NEW Right-hand

Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	70 777 ...			
										£ 2A/24	01201	£ 2A/24	01200
SSSC R/L 1212 F09 DC	12	12	86.5	22	16.0	M6	M6	3,2	SC..09T3..	168.10	01201	168.10	01200
SSSC R/L 1616 H09 DC	16	16	106.5	30	20.0	M6	G1/8"	3,2	SC..09T3..	186.88	01601	186.88	01600
SSSC R/L 2020 K09 DC	20	20	131.5	30	25.0	M6	G1/8"	3,2	SC..09T3..	198.04	02001	198.04	02000
SSSC R/L 1616 H12 DC	16	16	108.5	30	20.0	M6	G1/8"	5	SC..1204..	186.88	11601	186.88	11600
SSSC R/L 2020 K12 DC	20	20	133.5	30	25.0	M6	G1/8"	5	SC..1204..	198.04	12001	198.04	12000
SSSC R/L 2525 M12 DC	25	25	158.5	32	32.0	M6	G1/8"	5	SC..1204..	205.52	02501	205.52	02500
SSSC L 3225 P 12 DC	32	25	178.5	32	32.1	G1/8"	G1/8"	5	SC..1204..	215.80	03201		

**Spare parts
for Article no.**

	£ 2A/28	859	£ 2A/28	167	£ 2A/28	88000	£ 2A/28	86700	£ 2A/28	170
70 777 01200 / 70 777 01201	3.79	859					3.51	86700		
70 777 01600 / 70 777 01601	4.72	87900	11.71	167	2.16	88000	3.51	86700	5.62	171
70 777 02000 / 70 777 02001	4.72	87900	11.71	167	2.16	88000	3.51	86700	5.62	171
70 777 11600 / 70 777 11601	3.62	820	14.98	168	2.16	88000	3.51	86700	5.62	170
70 777 12000 / 70 777 12001	3.62	820	14.98	168	2.16	88000	3.51	86700	5.62	170
70 777 02500 / 70 777 02501	3.62	820	14.98	168	2.16	88000	3.51	86700	5.62	170
70 777 03201	3.62	820	14.98	168	2.16	88000			5.62	170

Clamping screw	Solid Carbide support S	Grubscrew	Grubscrew	Threaded sleeve
70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...

**Spare parts
for Article no.**

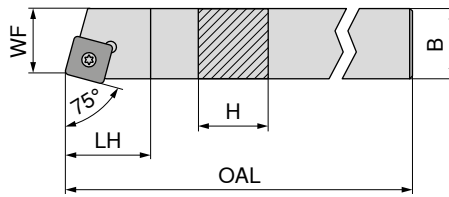
	£ 2A/28	87600	£ Y7	120	£ 2A/28	88100	£ 2A/28	87700	£ 2A/28	294
70 777 01200 / 70 777 01201			16.05	120						
70 777 01600 / 70 777 01601	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294
70 777 02000 / 70 777 02001	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294
70 777 11600 / 70 777 11601	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294
70 777 12000 / 70 777 12001	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294
70 777 02500 / 70 777 02501	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294
70 777 03201	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294

Sealing plugs DC	Key D	O-Ring	Coolant nozzle DC	Coolant screw plug
70 950 ...	80 950 ...	70 950 ...	70 950 ...	70 950 ...

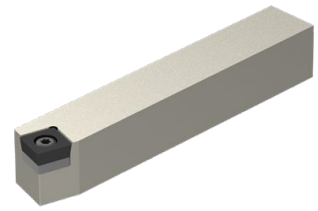
MaxiLock-S – SSBC 75° – Toolholder with screw clamping

Scope of supply:

Tool holder with blind plug and Torx key



Illustrations show right-hand versions



NEW		NEW	
Left-hand		Right-hand	
70 650 ...	£	70 650 ...	£
2A/24	105.27	2A/24	105.27
12000	12500	12001	12501

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	£		£	
SSBC R/L 2020 K12	20	20	125	20	17	5	SC.. 1204..	105.27	12000	105.27	12001
SSBC R/L 2525 M12	25	25	150	20	22	5	SC.. 1204..	109.25	12500	109.25	12501

Spare parts for Article no.

Article no.	£		£		£		£	
70 650 12001 / 70 650 12000	16.05	120	3.62	820	14.98	168	5.62	170
70 650 12501 / 70 650 12500	16.05	120	3.62	820	14.98	168	5.62	170

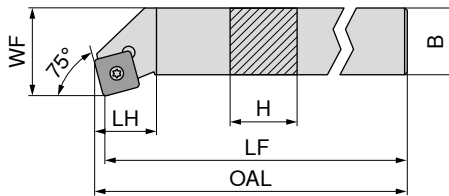


Article no.	£		£		£		£	
80 950 ...	Y7		2A/28		2A/28		2A/28	
	16.05	120	3.62	820	14.98	168	5.62	170

MaxiLock-S – SSKC 75° – Toolholder with screw clamping

Scope of supply:

Tool holder with blind plug and Torx key



Illustrations show right-hand versions



Left-hand		Right-hand	
70 669 ...	£	70 668 ...	£
2A/24	96.89	2A/24	96.89
016	020	016	020
	102.99		102.99
	120		120
	106.53		125

ISO designation	H mm	B mm	LF mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	£		£	
SSKC R/L 1616 H09	16	16	100	102.3	22	20	3,2	SC.. 09T3..	96.89	016	96.89	016
SSKC R/L 2020 K09	20	20	125	127.3	22	25	3,2	SC.. 09T3..	102.99	020	102.99	020
SSKC R 2020 K12	20	20	125	127.3	23	25	5	SC.. 1204..			102.99	120
SSKC R 2525 M12	25	25	150	153.3	23	32	5	SC.. 1204..			106.53	125

Spare parts for Article no.

Article no.	£		£		£		£	
70 668 016 / 70 669 016	16.32	113	10.04	398	3.79	113	11.71	167
70 668 020 / 70 669 020	16.32	113	10.04	398	3.79	113	11.71	167
70 668 120	16.32	113	10.04	398	3.13	114	14.98	168
70 668 125	16.32	113	10.04	398	3.13	114	14.98	168



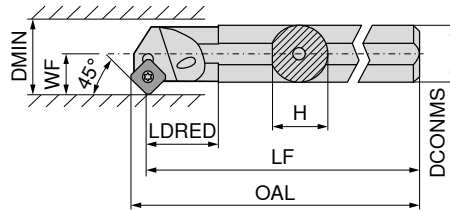
Article no.	£		£		£		£	
80 950 ...	Y7		2A/28		2A/28		2A/28	
	16.32	113	10.04	398	3.79	113	11.71	167

MaxiLock-S – SSSC 45° – Boring bar with screw clamping

▲ A... = with thro' coolant
▲ S... = without thro' coolant

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



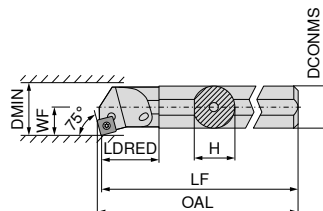
ISO designation	DCONMS mm	H mm	LF mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
										£		£	
S16R SSSC R 09	16	15.00	200	206.0	13.97	11	20	3,2	SC.. 09T3..	2A/24		2A/24	
A16M SSSC R/L 09	16	15.25	150	156.0	29.00	11	20	3,2	SC.. 09T3..	119.50	216	119.50	216
A20Q SSSC R/L 09	20	19.00	180	186.0	32.00	13	25	3,2	SC.. 09T3..	148.95	220	148.95	220
A25R SSSC R/L 09	25	24.50	200	206.0	36.00	17	32	3,2	SC.. 09T3..	171.24	225	171.24	225
A32S SSSC R/L 12	32	31.00	250	258.3	50.00	22	40	5	SC.. 1204..	235.43	232	235.43	232
A40T SSSC R/L 12	40	39.00	300	308.1	60.00	27	50	5	SC.. 1204..	282.64	240	282.64	240

Spare parts for Article no.		80 950 ...		70 950 ...		70 950 ...		70 950 ...		70 950 ...	
£		£		£		£		£		£	
70 720 016	113	Y7	16.32	2A/28	3.79	110					
70 720 216 / 70 721 216	113		16.32		3.79	110					
70 720 220 / 70 721 220	113		16.32		3.79	304					
70 720 225 / 70 721 225	113		16.32		3.79	304					
70 720 232 / 70 721 232				10.04	398	3.13	114	14.98	168	5.62	170
70 720 240 / 70 721 240				10.04	398	3.13	114	14.98	168	5.62	170

MaxiLock-S – SSKC 75° – Boring bar with screw clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

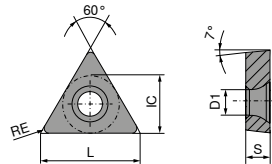


ISO designation	DCONMS mm	H mm	LF mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
										£		£	
A16M SSKC R/L 09	16	15.0	150	152.4	29	11	20	3,2	SC.. 09T3..	119.50	216	119.50	216
A20Q SSKC R/L 09	20	18.5	180	182.4	32	13	25	3,2	SC.. 09T3..	148.95	220	148.95	220
A25R SSKC R/L 09	25	23.0	200	202.4	36	17	32	3,2	SC.. 09T3..	171.24	225	171.24	225

Spare parts for Article no.		80 950 ...		70 950 ...		
£		£		£		
70 724 216 / 70 725 216	113	Y7	16.32	2A/28	3.79	110
70 724 220	113		16.32		3.79	304
70 725 220	113		16.32		3.79	304
70 724 225 / 70 725 225	113		16.32		3.79	304

TCGT / TCMT

Designation	L mm	S mm	D1 mm	IC mm
TCMT 0902..	9.6	2.38	2.50	5.56
TC.T 1102..	11.0	2.38	2.80	6.35
TC.T 16T3..	16.5	3.97	4.40	9.52
TCMT 2204..	22.0	4.76	5.16	12.70



TCGT / TCMT

ISO	RE mm	-CF05 CTEP110		-CF55 CTEP110		-SF TCM10		-SMF TCM10		NEW -SF CTCP125-P		NEW -SMF CTCP115-P		NEW -SMF CTCP135-P	
		£	014	£	016	£	900	£	902	£	51601	£	31801	£	71801
110202EN	0.2	16.42	014			15.18	900			9.27	51601				
110204EN	0.4	16.42	016	9.36	016	15.18	902	8.82	902	9.27	51801				
110208EN	0.8	16.42	018							9.27	51801	9.27	31801	9.27	71801
16T304EN	0.4	20.78	028			19.25	906			13.37	52801	13.37	32801		
16T308EN	0.8			12.97	030					13.37	53001	13.37	33001		
P			●		●		●		●		●		●		●
M			○		○		○		○		○		○		○
K			○		○		○		○		○		○		○
N															
S															
H															
O															

9

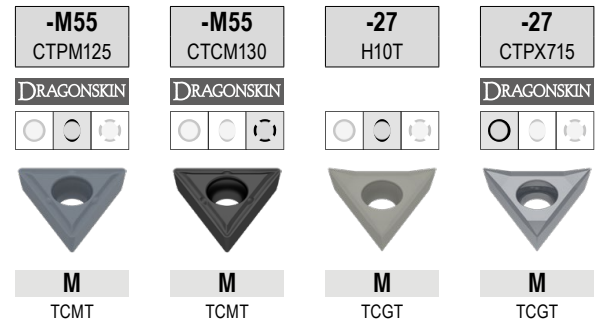
TCGT / TCMT

		NEW		NEW		NEW		NEW	
		-SM CTCP135-P	-SM CTCK110	-SM CTCK120	-SM CTCP115-P	-SM CTCP115-P	-SM CTCP125-P	-SM CTCP135-P	
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	
		M TCGT	M TCMT	M TCMT	M TCMT	M TCMT	M TCMT	M TCMT	
		76 270 ...	70 274 ...	70 274 ...	76 189 ...	76 274 ...	76 274 ...	76 274 ...	
ISO	RE mm	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	
090204EN	0.4						9.27 50401	9.27 70401	
110202EN	0.2	16.42 71401							
110204EN	0.4		9.27 016	9.27 516		9.27 31601	9.27 51601	9.27 71601	
110208EN	0.8		9.27 018	9.27 518		9.27 31801		9.27 71801	
16T304EN	0.4		13.37 028	13.37 528		13.37 32801	13.37 52801	13.37 72801	
16T308EN	0.8		13.37 030	13.37 530		13.37 33001	13.37 53001	13.37 73001	
16T312EN	1.2		13.37 032	13.37 532					
220408EN	0.8				19.82 34201		19.25 54201	19.25 74201	
P		●	○	○	●	●	●	●	
M		○							○
K			●	●	○	○	○		
N									
S									
H									
O									

TCMT

		NEW		NEW		NEW		NEW	
		-F43 CTCM130	-M25 CTCM120	-M25 CTPM125	-M25 CTCM130	-SM CTPM125	-M55 CTCM120		
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN		
		F TCMT	F TCMT	F TCMT	F TCMT	M TCMT	M TCMT		
		75 033 ...	75 217 ...	75 217 ...	75 217 ...	75 050 ...	75 218 ...		
ISO	RE mm	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08		
090204EN	0.4			9.52 20400		9.52 20400	9.27 10400		
110204EN	0.4	9.52 31600	9.27 11600	9.27 216	9.27 31600	9.52 21600	9.27 11600		
16T304EN	0.4	13.77 32800	12.72 12800	13.37 228	13.37 32800	13.77 22800			
16T308EN	0.8	13.77 33000	12.72 13000	13.37 230	13.37 33000	13.77 23000	13.37 13000		
220408EN	0.8					19.82 24200			
220412EN	1.2					19.82 24400			
P		○	○	○	○	○	○		
M		●	●	●	●	●	●		
K									
N									
S		○				○			
H									
O									

TCMT / TCGT

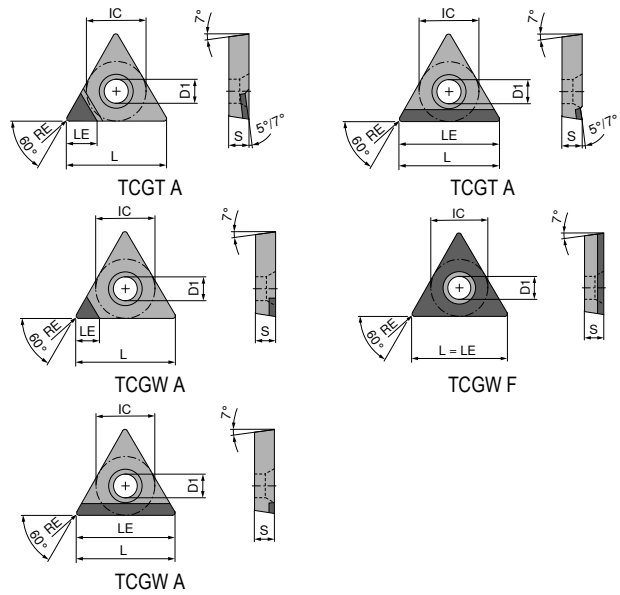


ISO	RE mm	-M55 CTPM125 M TCMT 75 218 ...		-M55 CTCM130 M TCMT 75 218 ...		-27 H10T M TCGT 70 276 ...		-27 CTPX715 M TCGT 70 276 ...	
		£ 1A/08		£ 1A/08		£ 1A/90		£ 1A/90	
090204EN	0.4	9.27	204	9.27	30400				
110202FN	0.2					13.23	600	16.44	71400
110204EN	0.4	9.27	216	9.27	31600				
110204FN	0.4					13.23	602	16.33	81600
16T302FN	0.2					15.56	604		
16T304FN	0.4					15.56	606	19.27	72800
16T308EN	0.8	13.37	230	13.37	33000				
16T308FN	0.8					15.56	608	19.18	83000

P		○	○	●
M		●	●	●
K				○
N				●
S			○	●
H				
O				○

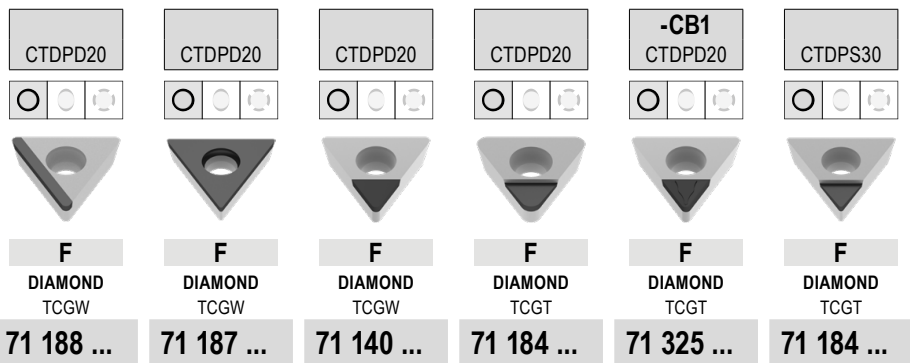
TCGW / TCGT

Designation	L mm	S mm	D1 mm	IC mm
TCG. 0902..	9.6	2.38	2.5	5.56
TCG. 1102..	11.0	2.38	2.8	6.35
TCG. 16T3..	16.5	3.97	4.4	9.52



TCGW / TCGT

▲ TCE(NOI) = Design and number of equipped cutting edge corners



ISO	RE mm	TCE (NOI)	LE mm	71 188 ... £ Y0	71 187 ... £ Y0	71 140 ... £ Y0	71 184 ... £ Y0	71 325 ... £ Y0	71 184 ... £ Y0
090202FN	0.2	A (1)	3.7			106.11	100	117.65	112
090204FN	0.4	A (1)	3.4			106.11	102	117.65	114
090208FN	0.8	A (1)	3.0			106.11	104	80.24	10001
090208FN	0.8	A (1)	9.6	121.38	10001				
110202FN	0.2	A (1)	3.7			101.41	106	122.70	122
110202FN	0.2	F	11.0		273.82	10001			
110204FN	0.4	A (1)	3.4			101.41	108	122.70	124
110204FN	0.4	F	11.0		273.82	10101			84.35
110204FN	0.4	A (1)	11.0	127.54	10101				
110208FN	0.8	A (1)	3.0			101.41	110	84.35	10301
110208FN	0.8	A (1)	11.0	127.54	10201				
16T304FN	0.4	A (1)	4.6			106.11	112	122.80	134
16T304FN	0.4	A (1)	16.5	168.65	10301				92.58
16T308FN	0.8	A (1)	4.2			106.11	114	122.80	13600
16T308FN	0.8	A (1)	16.5	168.65	10401				
16T312FN	1.2	A (1)	3.8			106.11	11600		

P									
M									
K									
N				•	•	•	•	•	•
S									
H									
O				•	•	•	•	•	•

TCGW / TCGT

▲ TCE(NOI) = Design and number of equipped cutting edge corners

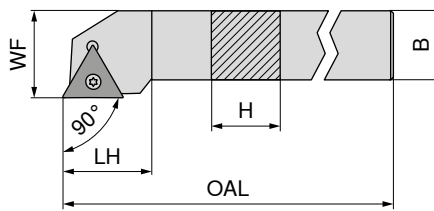
ISO	RE mm	TCE (NOI)	LE mm	CTDPS30		-CB2 CTDPS30		CTDPU20		-CB3 CTDPU20		CTDCD10	
				£	Y0	£	Y0	£	Y0	£	Y0	£	Y0
090202FN	0.2	A (1)	3.7	80.24	20001								
090204FN	0.4	A (1)	3.4										
090204FN	0.4	A (1)	9.6			121.38	20001						
110202FN	0.2	A (1)	2.6									106.96	40001
110202FN	0.2	A (1)	3.7	84.35	20101			122.70					
110204FN	0.4	A (1)	2.3									106.96	40101
110204FN	0.4	A (1)	3.4	84.35	20201			122.70					
110204FN	0.4	A (1)	11.0			127.54	20101		119.30	30001	97.95	224	
110208FN	0.8	A (1)	2.0									106.96	40201
110208FN	0.8	A (1)	11.0			127.54	20201						
16T304FN	0.4	A (1)	2.3									115.18	40301
16T304FN	0.4	A (1)	4.6					122.80					
16T304FN	0.4	A (1)	16.5			168.65	20301						
16T308FN	0.8	A (1)	2.0									115.18	40401
16T308FN	0.8	A (1)	4.2								103.70	238	
16T308FN	0.8	A (1)	16.5			168.65	20401						

P													
M													
K													
N				•		•		•		•		•	
S													
H													
O				•		•		•		•		•	

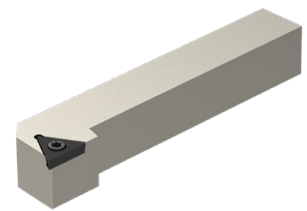
MaxiLock-S – STGC 90° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



NEW		NEW	
Left-hand		Right-hand	
70 659 ...		70 659 ...	
£		£	
2A/24		2A/24	
79.44	01200	79.44	01201
99.31	01600	99.31	01601
105.27	02000	105.27	02001
109.25	02500	109.25	02501

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert
STGC R/L 1212 F11	12	12	80	15	16	1,2	TC.. 1102
STGC R/L 1616 H16	16	16	100	22	20	3,2	TC.. 16T3
STGC R/L 2020 K16	20	20	125	22	25	3,2	TC.. 16T3
STGC R/L 2525 M16	25	25	150	22	32	3,2	TC.. 16T3

**Spare parts
for Article no.**

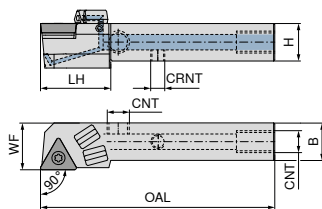
70 659 01201 / 70 659 01200	11.62	039
70 659 01601 / 70 659 01600	16.05	120
70 659 02001 / 70 659 02000	16.05	120
70 659 02501 / 70 659 02500	16.05	120

Key D	Clamping screw	Solid Carbide Seat T	Threaded sleeve
80 950 ...	70 950 ...	70 950 ...	70 950 ...
£	£	£	£
Y7	2A/28	2A/28	2A/28
11.62	4.96		
	857		
16.05	4.72	87900	9.39
			169
16.05	4.72	87900	9.39
			169
16.05	4.72	87900	9.39
			169
			5.62
			171
			5.62
			171
			5.62
			171

MaxiLock-S – STGC 90° DC – Tool holder with screw clamping

Scope of supply:

Tool holder with blind plug and Torx key



Illustrations show right-hand versions

NEW Left-hand **70 778 ...**
NEW Right-hand **70 778 ...**

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	£	Article no.	£	Article no.
STGC R/L 1212 F11 DC	12	12	80	17.1	16	M6	M6	1,2	TC.. 1102	168.10	01201	168.10	01200
STGC R/L 1616 H16 DC	16	16	100	30.0	20	M6	G1/8"	3,2	TC.. 16T3	186.88	01601	186.88	01600
STGC R/L 2020 K16 DC	20	20	125	28.0	25	M6	G1/8"	3,2	TC.. 16T3	198.04	02001	198.04	02000
STGC R/L 2525 M16 DC	25	25	150	30.0	32	M6	G1/8"	3,2	TC.. 16T3	205.52	02501	205.52	02500

Spare parts for Article no.

	£	Article no.	£	Article no.	£	Article no.	£	Article no.	£	Article no.
70 778 01200 / 70 778 01201	4.96	857	3.51	86700	2.16	88000	5.62	171	2.16	88000
70 778 01600 / 70 778 01601	4.72	87900	9.39	169	2.16	88000	3.51	86700	5.62	171
70 778 02000 / 70 778 02001	4.72	87900	9.39	169	2.16	88000	3.51	86700	5.62	171
70 778 02500 / 70 778 02501	4.72	87900	9.39	169	2.16	88000	3.51	86700	5.62	171

Spare parts for Article no.

	£	Article no.	£	Article no.	£	Article no.	£	Article no.	£	Article no.
70 778 01200 / 70 778 01201	1.52	87600	11.62	039	1.32	88100	29.58	87700	4.31	294
70 778 01600 / 70 778 01601	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294
70 778 02000 / 70 778 02001	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294
70 778 02500 / 70 778 02501	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294



70 950 ... £ 2A/28
70 950 ... £ 2A/28
70 950 ... £ 2A/28
70 950 ... £ 2A/28
70 950 ... £ 2A/28



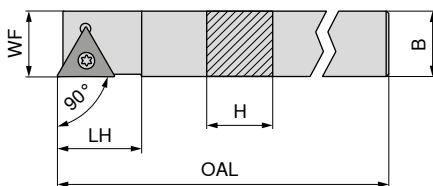
70 950 ... £ 2A/28
80 950 ... £ Y7
70 950 ... £ 2A/28
70 950 ... £ 2A/28
70 950 ... £ 2A/28

MaxiLock-S – STAC 90° – Toolholder with screw clamping

▲ for sliding head lathes

Scope of supply:

Tool holder with Torx key

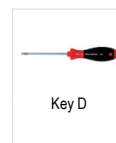


Illustrations show right-hand versions



NEW	NEW
Left-hand	Right-hand
70 655 ...	70 655 ...
£ 2A/24	£ 2A/24
89.36 01200	89.36 01201

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert
STAC R/L 1212 K11	12	12	125	15	12	1,2	TC.. 1102



Key D



Clamping screw

80 950 ...	70 950 ...
£ Y7	£ 2A/28
11.62 039	4.96 857

Spare parts for Article no.

70 655 01201 / 70 655 01200

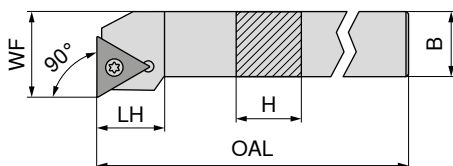
T08 - IP

M2,5x6 - IP

MaxiLock-S – STFC 90° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key

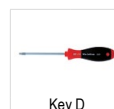


Illustrations show right-hand versions



NEW	NEW
Left-hand	Right-hand
70 658 ...	70 658 ...
£ 2A/24	£ 2A/24
79.44 01200	79.44 01201
99.31 01600	99.31 01601
105.27 02000	105.27 02001
109.25 02500	109.25 02501

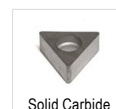
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert
STFC R/L 1212 F11	12	12	80	15	16	1,2	TC.. 1102
STFC R/L 1616 H16	16	16	100	20	20	3,2	TC.. 16T3
STFC R/L 2020 K16	20	20	125	20	25	3,2	TC.. 16T3
STFC R/L 2525 M16	25	25	150	20	32	3,2	TC.. 16T3



Key D



Clamping screw



Solid Carbide Seat T



Threaded sleeve

80 950 ...	70 950 ...	70 950 ...	70 950 ...
£ Y7	£ 2A/28	£ 2A/28	£ 2A/28
11.62 039	4.96 857	9.39 169	5.62 171
16.05 120	4.72 87900	9.39 169	5.62 171
16.05 120	4.72 87900	9.39 169	5.62 171

Spare parts for Article no.

70 658 01200 / 70 658 01201

70 658 01600 / 70 658 01601

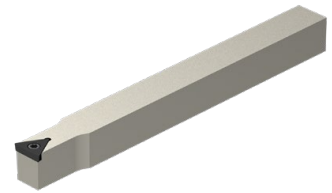
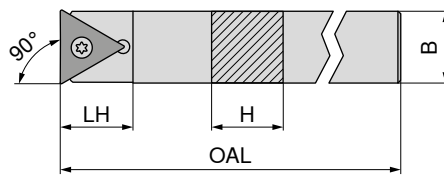
70 658 02000 / 70 658 02001

70 658 02500 / 70 658 02501

MaxiLock-S – STCC 90° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



NEW

Neutral

70 657 ...

£
2A/24

ISO designation	H mm	B mm	OAL mm	LH mm	torque moment Nm	Insert
STCC N 0808 K09	8	8	125	11	1	TC.. 0902
STCC N 1010 K11	10	10	125	15	1,2	TC.. 1102
STCC N 1212 K11	12	12	125	15	1,2	TC.. 1102
STCC N 1414 K11	14	14	125	21	1,2	TC.. 1102
STCC N 1616 K11	16	16	125	24	1,2	TC.. 1102

74.49	00800
79.44	01000
89.36	01200
89.36	01400
99.31	01600



Key D



Clamping screw

80 950 ...

£
Y7

70 950 ...

£
2A/28

Spare parts for Article no.

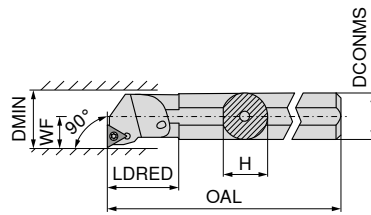
70 657 00800	T07 - IP	13.95	117	M2,2x5 - IP	3.85	856
70 657 01000	T08 - IP	11.62	039	M2,5x6 - IP	4.96	857
70 657 01200	T08 - IP	11.62	039	M2,5x6 - IP	4.96	857
70 657 01400	T08 - IP	11.62	039	M2,5x6 - IP	4.96	857
70 657 01600	T08 - IP	11.62	039	M2,5x6 - IP	4.96	857

MaxiLock-S – STFC 90° – Boring bar with screw clamping

▲ A... = with thro' coolant
▲ S... = without thro' coolant

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									70 729 ...	70 728 ...	£ 2A/24	£ 2A/24
A10H STFC R/L 09	10	9.5	100	19	7	13	1	TC.. 0902	116.94	210	116.94	210
A12K STFC R/L 11	12	11.5	125	22	9	16	1,2	TC.. 1102	116.94	212	116.94	212
A16M STFC R/L 11	16	15.0	150	29	11	20	1,2	TC.. 1102	119.50	216	119.50	216
S16R STFC R 11	16	15.0	200	21	11	21	1,2	TC.. 1102			119.50	016
S20S STFC R 11	20	18.0	250	15	13	25	1,2	TC.. 1102			148.95	020
A20Q STFC R/L 11	20	18.5	180	32	13	25	1,2	TC.. 1102	148.95	220	148.95	220
A25R STFC R/L 16	25	24.0	200	36	17	32	3,2	TC.. 16T3	171.24	225	171.24	225
A32S STFC R/L 16	32	31.0	250	50	22	40	3,2	TC.. 16T3	235.43	232	235.43	232
A40T STFC R/L 16	40	39.0	300	60	27	50	3,2	TC.. 16T3	282.64	240	282.64	240

Spare parts for Article no.

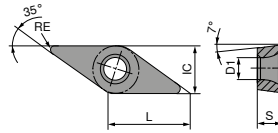
Article no.	Part description	70 950 ...	70 950 ...	70 950 ...
		£ 2A/28	£ 2A/28	£ 2A/28
70 728 020	M2,5x6 - T08	2.86	13800	
70 729 210 / 70 728 210	M2,2x5	3.13	111	
70 728 016	M2,5x6 - T08	2.86	13800	
70 729 212 / 70 728 212	M2,5x6 - T08	2.86	13800	
70 729 216 / 70 728 216	M2,5x6 - T08	2.86	13800	
70 729 220 / 70 728 220	M2,5x6 - T08	2.86	13800	
70 729 225 / 70 728 225	M3,5x11	3.79	113	9.39 169 M3,5 5.62 171
70 729 232 / 70 728 232	M3,5x11	3.79	113	9.39 169 M3,5 5.62 171
70 729 240 / 70 728 240	M3,5x11	3.79	113	9.39 169 M3,5 5.62 171

Spare parts for Article no.

Article no.	Part description	80 950 ...	70 950 ...
		£ Y7	£ 2A/28
70 728 020	T08	13.73	110
70 729 210 / 70 728 210	T07	13.73	109
70 728 016	T08	13.73	110
70 729 212 / 70 728 212	T08	13.73	110
70 729 216 / 70 728 216	T08	13.73	110
70 729 220 / 70 728 220	T08	13.73	110
70 729 225 / 70 728 225			
70 729 232 / 70 728 232	T15/SW	10.04	398
70 729 240 / 70 728 240	T15/SW	10.04	398
	T15/SW	10.04	398

VCGT / VCMT / VCET

Designation	L mm	S mm	D1 mm	IC mm
VC.T 1103..	11.1	3.18	2.9	6.35
VC.T 1604..	16.6	4.76	4.4	9.52
VCGT 2205..	22.1	5.56	5.5	12.70



VCGT / VCMT

		-CF05 CTEP110		-CF55 CTEP110		-SF TCM407		-SF TCM10		-SMF TCM10		NEW -SF CTCP115-P		NEW -SF CTCP115-P	
		DRAGONSKIN		DRAGONSKIN								DRAGONSKIN		DRAGONSKIN	
		F		F		F		F		F		F		F	
		CERMET VCGT		CERMET VCMT		CERMET VCGT		CERMET VCGT		CERMET VCMT		VCMT		VCMT	
		76 276 ...		76 292 ...		70 277 ...		70 277 ...		70 288 ...		76 279 ...		76 277 ...	
ISO	RE mm	£		£		£		£		£		£		£	
		1A/78		1A/78		1A/78		1A/78		1A/78		1A/08		1A/08	
110301EN	0.1							18.57	892						
110302EN	0.2	20.33	014			18.57	844	18.57	894					19.39	31401
110304EN	0.4	20.33	016	15.78	016	18.57	846	18.57	896	14.91	896			19.39	31601
110308EN	0.8													19.39	31801
160404EN	0.4	24.25	028	19.39	028	23.43	850	23.43	900	18.45	900	19.39	32801		
160408EN	0.8	24.25	030	19.39	030			23.43	902	18.45	902	19.39	33001		
P			●		●		●		●		●		●		●
M			○		○		○		○		○		○		○
K			○		○		○		○		○		○		○
N															
S															
H															
O															

9

VCGT / VCMT

		NEW -SF CTCP125-P		NEW -SF CTCP125-P		NEW -SF CTCP135-P		NEW -SF CTCP135-P		NEW -SMF CTCP115-P		NEW -SMF CTCP125-P		NEW -SMF CTCP135-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F		F		F		F		F		F		F	
		VCGT		VCMT		VCGT		VCMT		VCMT		VCMT		VCMT	
		76 277 ...		76 279 ...		76 277 ...		76 279 ...		76 288 ...		76 288 ...		76 285 ...	
ISO	RE mm	£		£		£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
110302EN	0.2	19.39	51401			19.39	71401							19.39	71401
110304EN	0.4	19.39	51601			19.39	71601			16.68	31601	16.68	51601		
110308EN	0.8	19.39	51801			19.39	71801								
160404EN	0.4			19.39	52801			19.39	72801	19.39	32801	19.39	52801		
160408EN	0.8			19.39	53001					19.39	33001	19.39	53001		
P			●		●		●		●		●		●		●
M			○		○		○		○		○		○		○
K			○		○		○		○		○		○		○
N															
S															
H															
O															

VCMT

		NEW		NEW		NEW		NEW	
		-SMF	-SM	-SM	-SM	-SM	-SM	-SM	-SM
		CTCP135-P	CTCK110	CTCK120	CTCP115-P	CTCP125-P	CTCP135-P	CTCP135-P	CTCP135-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
		F	M	M	M	M	M	M	M
		VCMT	VCMT	VCMT	VCMT	VCMT	VCMT	VCMT	VCMT
		76 288 ...	70 278 ...	70 278 ...	76 278 ...	76 278 ...	76 278 ...	76 278 ...	76 278 ...
ISO	RE	£	£	£	£	£	£	£	£
	mm	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08
110304EN	0.4	16.68	71601						
160404EN	0.4	19.39	72801	19.39	028	19.39	528	19.39	32801
160406EN	0.6							19.39	32901
160408EN	0.8	19.39	73001	19.39	030	19.39	530	19.39	33001
160412EN	1.2			19.39	032	19.39	532	19.39	33201
P		•	○	○	•	•	•	•	•
M		○							○
K			•	•	○	○			
N									
S									
H									
O									

VCGT / VCMT

		NEW		NEW		NEW		NEW	
		-SF	-SF	-M25	-M25	-M25	-SM	-M55	
		CTPM125	CTPM125	CTCM120	CTPM125	CTCM130	CTPM125	CTCM120	
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	
		F	F	F	F	F	M	M	
		VCGT	VCMT	VCMT	VCMT	VCMT	VCMT	VCMT	
		75 045 ...	75 046 ...	75 219 ...	75 219 ...	75 219 ...	75 051 ...	75 220 ...	
ISO	RE	£	£	£	£	£	£	£	
	mm	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	
110302EN	0.2	19.96	21400						
110304EN	0.4	19.96	21600						
160404EN	0.4		19.96	22800	19.39	12800	19.39	228	19.39
160408EN	0.8		19.96	23000	19.39	13000	19.39	23000	19.39
160404EN	0.4			19.39	12800	19.39	228	19.39	12800
160408EN	0.8			19.39	13000	19.39	23000	19.39	13000
P		○	○	○	○	○	○	○	○
M		•	•	•	•	•	•	•	•
K									
N									
S							○		
H									
O									

VCMT / VCGT

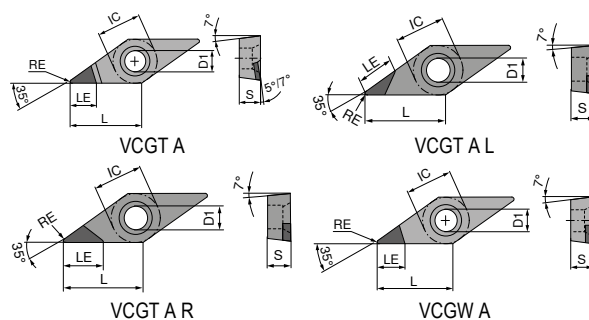
		-M55 CTPM125		-M55 CTCM130		-25P H210T		-25P CTPX710		-25Q H210T		NEW -25Q CTPX710	
		DRAGONSKIN		DRAGONSKIN				DRAGONSKIN					
		M VCMT		M VCMT		F VCGT		M VCGT		M VCGT		M VCGT	
		75 220 ...		75 220 ...		70 282 ...		70 282 ...		70 282 ...		70 282 ...	
ISO	RE mm	£		£		£		£		£		£	
110302FN	0.2	1A/08		1A/08		1A/90	18.29	1A/90	21.00	1A/90	20.33	1A/90	25.87
110304FL	0.4					638		71400		670		81600	
110304FN	0.4					640		71600		680		81700	
110304FR	0.4												
160404EN	0.4	19.39	228	19.39	32800								
160404FN	0.4					642		72800					
160408EN	0.8	19.39	230	19.39	33000								
160408FN	0.8					644		73000					
160412FN	1.2					646		73200					
220530FN	3.0					648		75000					
P			○		○				●				●
M			●		●				●				●
K							○			○			
N							●		●		●		●
S					○		○		●		○		●
H													
O							○				○		

VCGT / VCMT / VCET

ISO	RE mm	-27 H10T		-27 CTPX715		-29 H216T		NEW -29 CTPX715		-F05 CTPX710	
		£	...	£	...	£	...	£	...	£	...
1103005FN	0.05	1A/90		1A/90		1A/90		1A/90		28.20	11400
110301FN	0.10									28.20	11600
1103015FN	0.15									28.20	11800
110302FN	0.20	17.48	606	20.47	81400					28.20	12000
160404EN	0.40					16.42	62800	20.54	72800		
110304FN	0.40	17.48	608	20.47	81600					28.20	12200
160404FN	0.40	21.27	612	24.80	82800						
160408EN	0.80					16.42	63000	20.54	73000		
160408FN	0.80	21.27	614	24.80	83000						
110308FN	0.80	17.48	610	24.75	71800						
160412FN	1.20	21.27	616								
160412EN	1.20					16.42	63200	20.54	73200		
220530FN	3.00	28.87	618								
P											
M											
K											
N											
S											
H											
O											

VCGT / VCGW

Designation	L mm	S mm	D1 mm	IC mm
VCG. 0702..	6.9	2.38	2.2	3.97
VCG. 1103..	11.1	3.18	2.9	6.35
VCG. 1303..	13.3	3.18	3.4	7.94
VCG. 1604..	16.6	4.76	4.4	9.52



VCGT / VCGW

▲ TCE(NOI) = Design and number of equipped cutting edge corners

ISO	RE mm	TCE (NOI)	LE mm	CTDMD05		CTDPD20		CTDPD20		CTDPD20		CTDPD20	
				£	Y0	£	Y0	£	Y0	£	Y0	£	Y0
070202FN	0.2	A (1)		793.18	50001								
070204FN	0.4	A (1)		793.18	50101								
110301FN	0.1	A (1)	5.4					121.54	10100				
110302FN	0.2	A (1)	3.0			560.22	050						
110302FN	0.2	A (1)	4.6	822.75	50201			117.27	100	121.54	100		
110304FN	0.4	A (1)	3.0			560.22	052						
110304FN	0.4	A (1)	3.9	822.75	50301			117.27	102	121.54	102		
110304FR	0.4	A (1)	6.5							155.39	102		
110304FL	0.4	A (1)	6.5									155.39	102
110308FN	0.8	A (1)	3.3					121.54	104	121.54	104		
110308FR	0.8	A (1)	6.0							155.39	104		
110308FL	0.8	A (1)	6.0									155.39	104
160401FN	0.1	A (1)	6.0										
160402FN	0.2	A (1)	5.9					123.79	105	132.94	105		
160402FN	0.2	A (1)		822.75	50401								
160404FN	0.4	A (1)	5.5					126.26	106	132.94	106		
160404FN	0.4	A (1)		822.75	50501								
160404FR	0.4	A (1)	7.5							166.80	106		
160404FL	0.4	A (1)	7.5									166.80	106
160408FN	0.8	A (1)	5.0			768.39	07800	132.94	108	132.94	108		
160408FR	0.8	A (1)	7.0							166.80	108		
160408FL	0.8	A (1)	7.0									166.80	108
160408FN	0.8	A (1)		934.64	50601								
160412FN	1.2	A (1)	4.5					143.98	110	153.07	110		
160412FR	1.2	A (1)	7.0							177.85	110		
160412FL	1.2	A (1)	7.0									177.85	110
P													
M													
K													
N													
S													
H													
O													

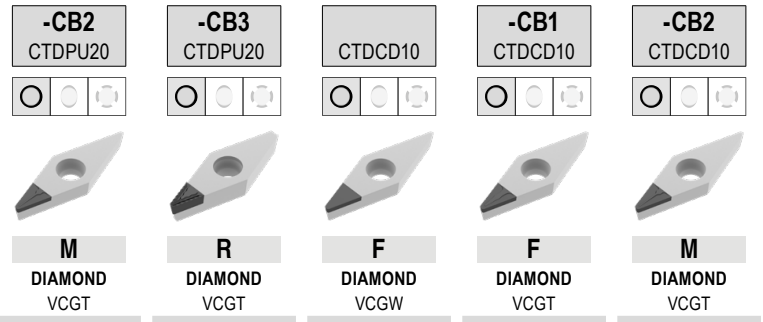
VCGT / VCGW

▲ TCE(NOI) = Design and number of equipped cutting edge corners

ISO	RE mm	TCE (NOI)	LE mm	-CB1 CTDPD20		CTDPS30		CTDPS30		-CB1 CTDPS30		-CB2 CTDPS30		CTDPU20	
				£	Y0	£	Y0	£	Y0	£	Y0	£	Y0	£	Y0
070201FN	0.1	A (1)	3.8												
070202FN	0.2	A (1)	3.6			94.62	20001								
070204FN	0.4	A (1)	3.2			94.62	20101								
110301FN	0.1	A (1)	5.4	158.94	11000	106.96	20201	106.96	20101						
110302FN	0.2	A (1)	4.6	158.94	112	106.96	20301	106.96	20201	158.94	21200	154.15	212		
110304FN	0.4	A (1)	3.9	158.94	114	106.96	20401	106.96	20301	158.94	214	158.94	214		
110308FN	0.8	A (1)	3.3									158.94	21800		
130302FN	0.2	A (1)	5.9			111.09	20501	111.09	20401						
160401FN	0.1	A (1)	6.0			111.09	20601	111.09	20501						
160402FN	0.2	A (1)	5.9	172.75	13200			111.09	20601			172.75	23200		
160404FN	0.4	A (1)	5.5	172.75	134	111.09	20701	111.09	20701	172.75	234	172.75	234	115.18	30001
160408FN	0.8	A (1)	5.0	190.22	138	111.09	20801			190.22	238	190.22	238		
160412FN	1.2	A (1)	4.5	190.22	14000	123.40	20901			190.22	24000	202.26	242		
P															
M															
K															
N						•	•	•	•	•	•	•	•	•	•
S															
H															
O						•	•	•	•	•	•	•	•	•	•

VCGT / VCGW

▲ TCE(NOI) = Design and number of equipped cutting edge corners



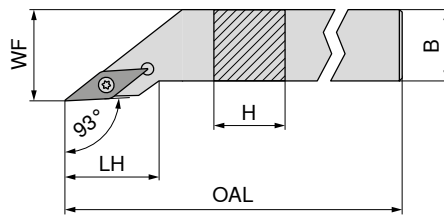
ISO	RE mm	TCE (NOI)	LE mm	71 190 ...		71 332 ...		71 191 ...		71 330 ...		71 331 ...	
				£ Y0		£ Y0		£ Y0		£ Y0		£ Y0	
110301FN	0.1	A (1)	3.0							190.22	31000		
110302FN	0.2	A (1)	3.0					113.16	40001	190.22	312	190.22	312
110304FN	0.4	A (1)	3.0					113.16	40101	190.22	314	190.22	314
110304FN	0.4	A (1)	3.9			132.50	214						
110308FN	0.8	A (1)	3.0					127.54	40201				
160402FN	0.2	A (1)	3.0					117.27	40301	190.28	32200	190.28	33200
160404FN	0.4	A (1)	3.0					125.49	40401	190.28	32400	190.28	334
160404FN	0.4	A (1)	5.5	148.11	30001	138.27	234						
160408FN	0.8	A (1)	3.0					141.95	40501	211.94	32600	211.94	338
160412FN	1.2	A (1)	3.0							211.94	32800	211.94	34000

P													
M													
K													
N				•		•		•		•		•	
S													
H													
O				•		•		•		•		•	

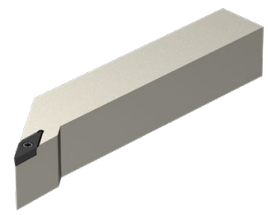
MaxiLock-S – SVJC 93° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



NEW Left-hand		NEW Right-hand	
70 663 ...		70 663 ...	
£		£	
2A/24		2A/24	
98.07	01200	98.07	01201
109.25	01600	109.25	01601
116.69	02000	116.69	02001
116.69	02500	116.69	02501
116.69	12000	116.69	12001
116.69	12500	116.69	12501
126.55	13200	126.55	13201

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert
SVJC R/L 1212 F11	12	12	80	21.6	16	1,2	VC.. 1103
SVJC R/L 1616 H11	16	16	100	21.6	20	1,2	VC.. 1103
SVJC R/L 2020 K11	20	20	125	23.0	25	1,2	VC.. 1103
SVJC R/L 2525 M11	25	25	150	25.5	32	1,2	VC.. 1103
SVJC R/L 2020 K16	20	20	125	29.4	25	3,2	VC.. 1604
SVJC R/L 2525 M16	25	25	150	32.5	32	3,2	VC.. 1604
SVJC R/L 3225 P16	32	25	170	32.5	32	3,2	VC.. 1604

**Spare parts
for Article no.**

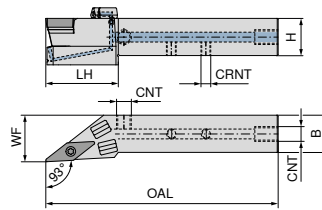
70 663 01201 / 70 663 01200				
70 663 01601 / 70 663 01600				
70 663 02001 / 70 663 02000				
70 663 02501 / 70 663 02500				
70 663 12001 / 70 663 12000				
70 663 12501 / 70 663 12500				
70 663 13201 / 70 663 13200				

Key D	Clamping screw	Solid Carbide Seat V	Threaded sleeve
80 950 ...	70 950 ...	70 950 ...	70 950 ...
£	£	£	£
Y7	2A/28	2A/28	2A/28
11.62 039	4.96 857		
11.62 039	4.96 857		
11.62 039	4.96 857		
16.05 120	4.72 87900	12.19 107	5.62 171
16.05 120	4.72 87900	12.19 107	5.62 171
16.05 120	4.72 87900	12.19 107	5.62 171

MaxiLock-S – SVJC 93° DC – Tool holder with screw clamping

Scope of supply:

Tool holder with blind plug and Torx key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	NEW Left-hand 70 780 ...		NEW Right-hand 70 780 ...	
										£	...	£	...
SVJC R/L 1212 F11 DC	12	12	80	30	16	M6	M6	1,2	VC.. 1103	205.52	01201	205.52	01200
SVJC R/L 1616 H11 DC	16	16	100	27	20	M6	G1/8"	1,2	VC.. 1103	209.71	01601	209.71	01600
SVJC R/L 2020 K11 DC	20	20	125	39	25	M6	G1/8"	1,2	VC.. 1103	215.80	02001	215.80	02000
SVJC R/L 2525 M11 DC	25	25	150	41	32	M6	G1/8"	1,2	VC.. 1103	227.85	02501	227.85	02500
SVJC R/L 2020 K16 DC	20	20	125	39	25	M6	G1/8"	3,2	VC.. 1604	215.80	12001	215.80	12000
SVJC R/L 2525 M16 DC	25	25	150	41	32	M6	G1/8"	3,2	VC.. 1604	227.85	12501	227.85	12500
SVJC R/L 3225 P16 DC	32	25	170	41	32	G1/8"	G1/8"	3,2	VC.. 1604	233.81	03201	233.81	03200

Spare parts

for Article no.

	£	...	£	...	£	...	£	...	£	...
70 780 01200 / 70 780 01201	4.96	857					3.51	86700		
70 780 01600 / 70 780 01601	4.96	857			2.16	88000	3.51	86700		
70 780 02000 / 70 780 02001	4.96	857			2.16	88000	3.51	86700		
70 780 02500 / 70 780 02501	4.96	857			2.16	88000	3.51	86700		
70 780 12000 / 70 780 12001	4.72	87900	12.19	107	2.16	88000	3.51	86700	5.62	171
70 780 12500 / 70 780 12501	4.72	87900	12.19	107	2.16	88000	3.51	86700	5.62	171
70 780 03200 / 70 780 03201	4.72	87900	12.19	107	2.16	88000			5.62	171

Spare parts

for Article no.

	£	...	£	...	£	...	£	...	£	...
70 780 01200 / 70 780 01201			11.62	039						
70 780 01600 / 70 780 01601	1.52	87600	11.62	039	1.32	88100	29.58	87700	4.31	294
70 780 02000 / 70 780 02001	1.52	87600	11.62	039	1.32	88100	29.58	87700	4.31	294
70 780 02500 / 70 780 02501	1.52	87600	11.62	039	1.32	88100	29.58	87700	4.31	294
70 780 12000 / 70 780 12001	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294
70 780 12500 / 70 780 12501	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294
70 780 03200 / 70 780 03201	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294

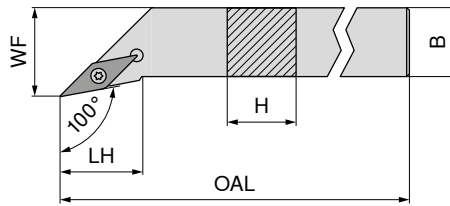
70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28

70 950 ...	80 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ Y7	£ 2A/28	£ 2A/28	£ 2A/28

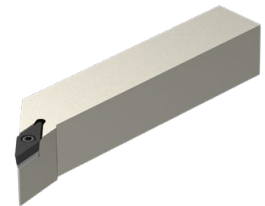
MaxiLock-S – SVZC 100° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



NEW	NEW
Left-hand	Right-hand
70 667 ...	70 667 ...
£ 2A/24	£ 2A/24
116.69 02500	116.69 02501

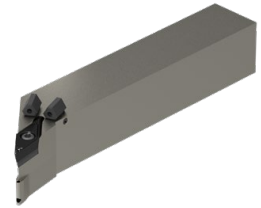
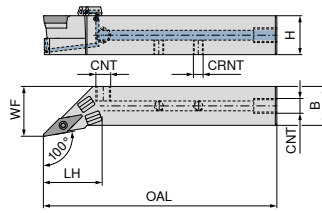
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert
SVZC R/L 2525 M16	25	25	150	27.3	32	3,2	VC.. 1604

Spare parts for Article no.	Key D	Clamping screw	Solid Carbide Seat V	Threaded sleeve	80 950 ...		70 950 ...		70 950 ...		70 950 ...	
					£	120	£	87900	£	107	£	171
70 667 02500 / 70 667 02501	T15 - IP	M3,5x11	M3,5	M3,5	16.05	4.72	12.19	5.62	120	87900	107	171

MaxiLock-S – SVZC 100° DC – Tool holder with screw clamping

Scope of supply:

Tool holder with blind plug and Torx key



NEW

Left-hand

70 783 ...

£

2A/24

227.85 02501

NEW

Right-hand

70 783 ...

£

2A/24

227.85 02500

Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert
SVZC R/L 2525 M16 DC	25	25	150	38	32	M6	G1/8"	3,2	VC.. 1604

Spare parts for Article no.

70 783 02500 / 70 783 02501

Clamping screw	Solid Carbide Seat V	Grubscrew	Grubscrew	Threaded sleeve
70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
£	£	£	£	£
2A/28	2A/28	2A/28	2A/28	2A/28
4.72 87900	12.19 107	2.16 88000	3.51 86700	5.62 171

Spare parts for Article no.

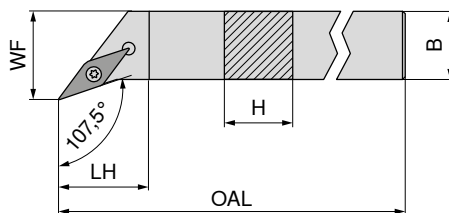
70 783 02500 / 70 783 02501

Sealing plugs DC	Key D	O-Ring	Coolant nozzle DC	Coolant screw plug
70 950 ...	80 950 ...	70 950 ...	70 950 ...	70 950 ...
£	£	£	£	£
2A/28	Y7	2A/28	2A/28	2A/28
1.52 87600	16.05 120	1.32 88100	29.58 87700	4.31 294

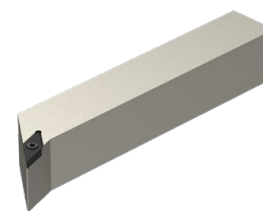
MaxiLock-S – SVHC 107.5° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

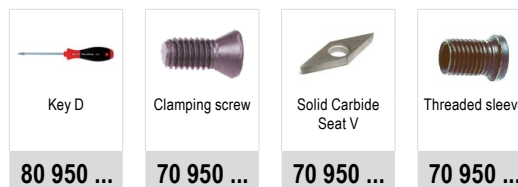


NEW Left-hand **70 662 ...**
NEW Right-hand **70 662 ...**

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	£	£
SVHC R/L 1212 F11	12	12	80	11.9	16	1,2	VC.. 1103	2A/24	01200
SVHC R/L 1616 H11	16	16	100	11.9	20	1,2	VC.. 1103	2A/24	01600
SVHC R/L 2020 K11	20	20	125	14.7	25	1,2	VC.. 1103	2A/24	02000
SVHC R/L 2525 M11	25	25	150	20.1	32	1,2	VC.. 1103	2A/24	02500
SVHC R/L 2020 K16	20	20	125	13.7	25	3,2	VC.. 1604	2A/24	12000
SVHC R/L 2525 M16	25	25	150	20.0	32	3,2	VC.. 1604	2A/24	12500
SVHC R/L 3225 P16	32	25	170	20.0	32	3,2	VC.. 1604	2A/24	13200
SVHC R/L 2525 M22	25	25	150	21.9	32	5	VC.. 2205	2A/24	22500

**Spare parts
for Article no.**

Article no.	£	£	£	£
70 662 01201 / 70 662 01200	11.62	039	4.96	857
70 662 01601 / 70 662 01600	11.62	039	4.96	857
70 662 02001 / 70 662 02000	11.62	039	4.96	857
70 662 02501 / 70 662 02500	11.62	039	4.96	857
70 662 12001 / 70 662 12000	16.05	120	4.72	87900
70 662 12501 / 70 662 12500	16.05	120	4.72	87900
70 662 13201 / 70 662 13200	16.05	120	4.72	87900
70 662 22501 / 70 662 22500	16.05	120	3.62	820

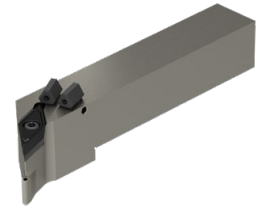
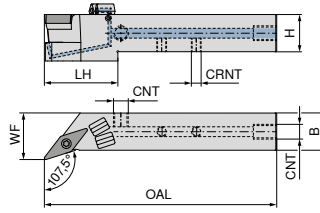


80 950 ... **70 950 ...** **70 950 ...** **70 950 ...**

MaxiLock-S – SVHC 107.5° DC – Tool holder with screw clamping

Scope of supply:

Tool holder with blind plug and Torx key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	NEW Left-hand		NEW Right-hand	
										70 779 ...	£	70 779 ...	£
SVHC R/L 1212 F11 DC	12	12	80	28	16	M6	M6	1,2	VC.. 1103	209.71	01201	209.71	01200
SVHC R/L 1616 H11 DC	16	16	100	27	20	M6	G1/8"	1,2	VC.. 1103	215.80	01601	215.80	01600
SVHC R/L 2020 K11 DC	20	20	125	37	27	M6	G1/8"	1,2	VC.. 1103	221.76	02001	221.76	02000
SVHC R/L 2525 M11 DC	25	25	150	38	32	M6	G1/8"	1,2	VC.. 1103	227.85	02501	227.85	02500
SVHC R/L 2020 K16 DC	20	20	125	38	25	M6	G1/8"	3,2	VC.. 1604	221.76	12001	221.76	12000
SVHC R/L 2525 M16 DC	25	25	150	38	32	M6	G1/8"	3,2	VC.. 1604	227.85	12501	227.85	12500
SVHC R/L 3225 P16 DC	32	25	170	38	32	M6	G1/8"	3,2	VC.. 1604	233.81	03201	233.81	03200
SVHC R/L 2525 M22 DC	25	25	150	41	32	M6	G1/8"	5	VC.. 2205	227.85	22501	227.85	22500

Spare parts for Article no.	Clamping screw		Solid Carbide Seat V		Grubscrew		Grubscrew		Threaded sleeve	
	£	2A/28	£	2A/28	£	2A/28	£	2A/28	£	2A/28
70 779 01200 / 70 779 01201	4.96	857					3.51	86700		
70 779 01600 / 70 779 01601	4.96	857			2.16	88000	3.51	86700		
70 779 02000 / 70 779 02001	4.96	857			2.16	88000	3.51	86700		
70 779 02500 / 70 779 02501	4.96	857			2.16	88000	3.51	86700		
70 779 12000 / 70 779 12001	4.72	87900	12.19	107	2.16	88000	3.51	86700	5.62	171
70 779 12500 / 70 779 12501	4.72	87900	12.19	107	2.16	88000	3.51	86700	5.62	171
70 779 03200 / 70 779 03201	4.72	87900	12.19	107	2.16	88000	3.51	86700	5.62	171
70 779 22500 / 70 779 22501	3.62	820	16.19	109	2.16	88000	3.51	86700	5.62	170

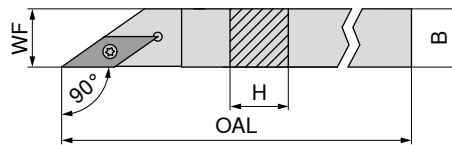
Spare parts for Article no.	Sealing plugs DC		Key D		O-Ring		Coolant nozzle DC		Coolant screw plug	
	£	2A/28	£	Y7	£	2A/28	£	2A/28	£	2A/28
70 779 01200 / 70 779 01201			11.62	039						
70 779 01600 / 70 779 01601	1.52	87600	11.62	039	1.32	88100	29.58	87700	4.31	294
70 779 02000 / 70 779 02001	1.52	87600	11.62	039	1.32	88100	29.58	87700	4.31	294
70 779 02500 / 70 779 02501	1.52	87600	11.62	039	1.32	88100	29.58	87700	4.31	294
70 779 12000 / 70 779 12001	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294
70 779 12500 / 70 779 12501	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294
70 779 03200 / 70 779 03201	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294
70 779 22500 / 70 779 22501	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294

MaxiLock-S – SVAC 90° – Toolholder with screw clamping

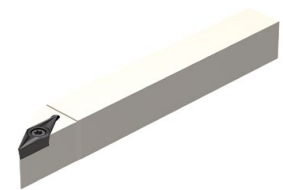
▲ for sliding head lathes

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



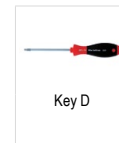
ISO designation	H mm	B mm	OAL mm	WF mm	torque moment Nm	Insert
SVAC R/L 0808 H11	8	8	100	8	1,2	VC.. 1103
SVAC R/L 1010 H11	10	10	100	10	1,2	VC.. 1103
SVAC R/L 1212 H11	12	12	100	12	1,2	VC.. 1103

Left-hand		Right-hand	
70 695 ...		70 694 ...	
£		£	
X0		X0	
242.74	008	242.74	008
242.74	010	242.74	010
288.63	012	288.63	012

Spare parts

for Article no.

70 694 008 / 70 695 008	T08	13.73	110	M2,5x6 - T08	2.86	13800
70 694 010 / 70 695 010	T08	13.73	110	M2,5x6 - T08	2.86	13800
70 694 012 / 70 695 012	T08	13.73	110	M2,5x6 - T08	2.86	13800



Key D



Clamping screw

80 950 ...

£
Y7

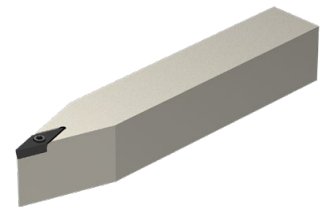
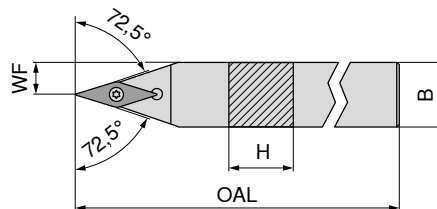
70 950 ...

£
2A/28

MaxiLock-S – SVVC 72.5° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



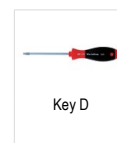
NEW

Neutral

70 666 ...

£	
2A/24	
98.07	01200
109.25	01600
116.69	02000
116.69	02500
116.69	12000
116.69	12500
126.55	13200

ISO designation	H mm	B mm	OAL mm	WF mm	torque moment Nm	Insert
SVVC N 1212 F11	12	12	80	6.0	1,2	VC.. 1103
SVVC N 1616 H11	16	16	100	8.0	1,2	VC.. 1103
SVVC N 2020 K11	20	20	125	10.0	1,2	VC.. 1103
SVVC N 2525 M11	25	25	150	12.5	1,2	VC.. 1103
SVVC N 2020 K16	20	20	125	10.0	3,2	VC.. 1604
SVVC N 2525 M16	25	25	150	12.5	3,2	VC.. 1604
SVVC N 3225 P16	32	25	170	12.5	3,2	VC.. 1604



Key D



Clamping screw



Solid Carbide Seat V



Threaded sleeve

80 950 ...

£
Y7

70 950 ...

£
2A/28

70 950 ...

£
2A/28

70 950 ...

£
2A/28

Spare parts

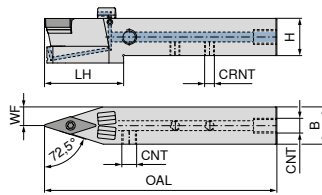
for Article no.

70 666 01200	11.62	039	4.96	857		
70 666 01600	11.62	039	4.96	857		
70 666 02000	11.62	039	4.96	857		
70 666 02500	11.62	039	4.96	857		
70 666 12000	16.05	120	4.72	87900	12.19	107
70 666 12500	16.05	120	4.72	87900	12.19	107
70 666 13200	16.05	120	4.72	87900	12.19	107

MaxiLock-S – SVVC 72.5° DC – Tool holder with screw clamping

Scope of supply:

Tool holder with blind plug and Torx key



NEW
Neutral

70 781 ...

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	£ 2A/24	
SVVC N 1212 F11 DC	12	12	80	29.0	6.0	M6	M6	1,2	VC.. 1103	205.52	01200
SVVC N 1616 H11 DC	16	16	100	29.5	8.0	M6	G1/8"	1,2	VC.. 1103	209.71	01600
SVVC N 2020 K11 DC	20	20	125	43.0	10.0	M6	G1/8"	1,2	VC.. 1103	215.80	02000
SVVC N 2525 M11 DC	25	25	150	43.0	12.5	M6	G1/8"	1,2	VC.. 1103	227.85	02500
SVVC N 2020 K16 DC	20	20	125	43.0	10.0	M6	G1/8"	3,2	VC.. 1604	215.80	12000
SVVC N 2525 M16 DC	25	25	150	43.0	12.5	M6	G1/8"	3,2	VC.. 1604	227.85	12500
SVVC N 3225 P16 DC	32	25	170	44.0	12.5	G1/8"	G1/8"	3,2	VC.. 1604	233.81	03200

**Spare parts
for Article no.**

	£ 2A/28		£ 2A/28		£ 2A/28		£ 2A/28		£ 2A/28	
70 781 01200	4.96	857					3.51	86700		
70 781 01600	4.96	857			2.16	88000	3.51	86700		
70 781 02000	4.96	857			2.16	88000	3.51	86700		
70 781 02500	4.96	857			2.16	88000	3.51	86700		
70 781 12000	4.72	87900	12.19	107	2.16	88000	3.51	86700	5.62	171
70 781 12500	4.72	87900	12.19	107	2.16	88000	3.51	86700	5.62	171
70 781 03200	4.72	87900	12.19	107	2.16	88000			5.62	171

**Spare parts
for Article no.**

	£ 2A/28		£ Y7		£ 2A/28		£ 2A/28		£ 2A/28	
70 781 01200			11.62	039						
70 781 01600	1.52	87600	11.62	039	1.32	88100	29.58	87700	4.31	294
70 781 02000	1.52	87600	11.62	039	1.32	88100	29.58	87800	4.31	294
70 781 02500	1.52	87600	11.62	039	1.32	88100	29.58	87700	4.31	294
70 781 12000	1.52	87600	16.05	120	1.32	88100	29.58	87800	4.31	294
70 781 12500	1.52	87600	16.05	120	1.32	88100	29.58	87800	4.31	294
70 781 03200	1.52	87600	16.05	120	1.32	88100	29.58	87700	4.31	294

70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28

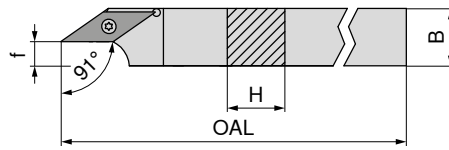
70 950 ...	80 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ Y7	£ 2A/28	£ 2A/28	£ 2A/28

MaxiLock-S – SVXC 91° – Toolholder with screw clamping

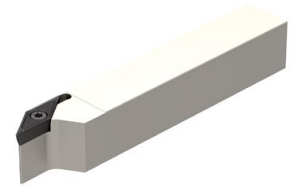
▲ for sliding head lathes

Scope of supply:

Tool holder with Torx key



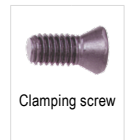
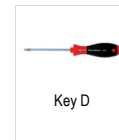
Illustrations show right-hand versions



ISO designation	H mm	B mm	OAL mm	f mm	torque moment Nm	Insert	Left-hand		Right-hand	
							£		£	
SVXC R/L 1010 H11	10	10	100	2.5	1,2	VC.. 1103	242.74	010	242.74	010
SVXC R/L 1212 H11	12	12	100	4.5	1,2	VC.. 1103	288.63	012	288.63	012
SVXC R/L 1616 K11	16	16	125	8.5	1,2	VC.. 1103	302.71	016	320.50	016
SVXC R/L 2020 K16	20	20	125	8.5	3,2	VC.. 1604	348.90	020	348.90	020

**Spare parts
for Article no.**

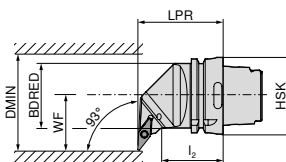
Article no.	Key D	Clamping screw
70 690 010 / 70 691 010	T08	M2,5x6 - T08
70 690 012 / 70 691 012	T08	M2,5x6 - T08
70 690 016 / 70 691 016	T08	M2,5x6 - T08
70 690 020 / 70 691 020	T15	M3,5x11



MaxiLock-S – SVUC 93° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



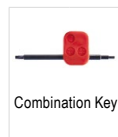
Illustrations show right-hand versions



ISO designation	Adapter	LPR mm	l ₂ mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£		£	
HSK T63 SVUC R/L 16	HSK-T 63	70	42	53	45	100	3.2	VC.. 1604	494.20	516	494.20	516

**Spare parts
for Article no.**

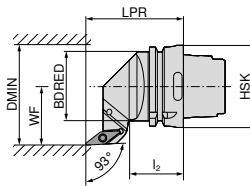
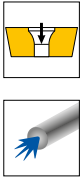
Article no.	Combination Key	Clamping screw	Solid Carbide Seat V	Threaded sleeve
74 558 516 / 74 557 516	T15/SW	M3,5x11	M3,5	



MaxiLock-S – SVJC 93° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

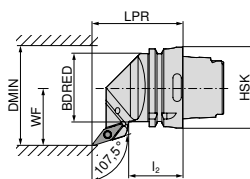
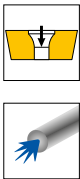
ISO designation	Adapter	LPR mm	l ₂ mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£		£	
HSK T63 SVJC R/L 16	HSK-T 63	75	42	53	45	100	3.2	VC.. 1604	74 556 ...		74 555 ...	
									£		£	
									2D/80		2D/80	
									494.20	516	494.20	516

Spare parts for Article no.	74 555 516 / 74 556 516	T15/SW	70 950 ...		70 950 ...		70 950 ...		70 950 ...	
			£		£		£		£	
Combination Key			2A/28	10.04	398	M3,5x11	3.79	113		
Clamping screw			2A/28	3.79	113					
Solid Carbide Seat V			2A/28	12.19	107					
Threaded sleeve			2A/28	5.62	171					

MaxiLock-S – SVHC 107.5° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

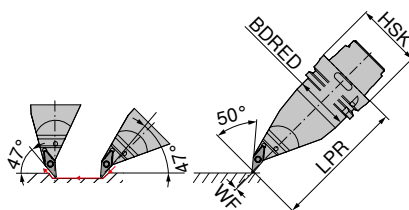
ISO designation	Adapter	LPR mm	l ₂ mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£		£	
HSK T63 SVHC R/L 16	HSK-T 63	70	42	53	45	100	3.2	VC.. 1604	74 554 ...		74 553 ...	
									£		£	
									2D/80		2D/80	
									494.20	516	494.20	516

Spare parts for Article no.	74 553 516 / 74 554 516	T15/SW	70 950 ...		70 950 ...		70 950 ...		70 950 ...	
			£		£		£		£	
Combination Key			2A/28	10.04	398	M3,5x11	3.79	113		
Clamping screw			2A/28	3.79	113					
Solid Carbide Seat V			2A/28	12.19	107					
Threaded sleeve			2A/28	5.62	171					

MaxiLock-S – SVMC 50° – Toolholder with screw clamping

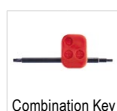
Scope of supply:

Tool holder with Torx key



Left-hand
74 560 ...

ISO designation	Adapter	LPR mm	BDRED mm	WF mm	torque moment Nm	Insert	£	
HSK T63 SVMC L 16	HSK-T 63	130	53	0	3.2	VC.. 1604	2D/80	516
							663.14	



70 950 ...

£
2A/28

Spare parts
for Article no.

74 560 516

T15/SW

10.04

398

M3,5x11



70 950 ...

£
2A/28

3.79

113



70 950 ...

£
2A/28

12.19

107

M3,5



70 950 ...

£
2A/28

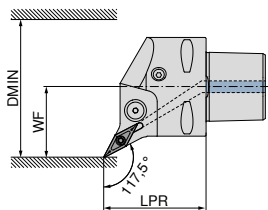
5.62

171

MaxiLock-S – SVPC 117,5° – Toolholder with screw clamping

Scope of supply:

without high-performance coolant set



Illustrations show right-hand versions

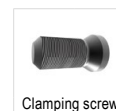


Left-hand
84 671 ...

Right-hand
84 670 ...

ISO designation	Adapter	LPR mm	WF mm	DMIN mm	torque moment Nm	Insert	Direct cooling compatible	£	
PSC40 SVPC R/L 50050-16	PSC 40	50	27	50	3	VC.. 1604	DC	569.11	01695
PSC50 SVPC R/L 65060-16	PSC 50	60	35	65	3	VC.. 1604	DC	652.06	01694
PSC63 SVPC R/L 80065-16	PSC 63	65	45	80	3	VC.. 1604	DC	725.33	01693

The high-performance coolant set with article number **84 950 27400** can be ordered as an optional extra → **Page 40.**



84 950 ...

£
Y8

Spare parts
for Article no.

84 670 01695 / 84 671 01695

84 670 01694 / 84 671 01694

84 670 01693 / 84 671 01693

8.84 27600

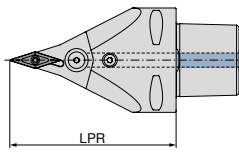
8.84 27600

8.84 27600

MaxiLock-S – SVVC 72.5° – Toolholder with screw clamping

Scope of supply:

without high-performance coolant set



Neutral

84 678 ...

ISO designation	Adapter	LPR mm	torque moment Nm	Insert	Direct cooling compatible	£	Y8
PSC63 SVVC N 0100-16	PSC 63	100	3	VC.. 1604	DC	725.33	01693
PSC63 SVVC N 0130-16	PSC 63	130	3	VC.. 1604	DC	725.33	11693

The high-performance coolant set with article number **84 950 27400** can be ordered as an optional extra → **Page 40.**



Clamping screw

84 950 ...

Spare parts for Article no.

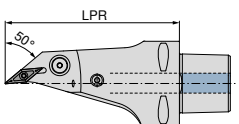
84 678 01693	8.84	27600
84 678 11693	8.84	27600

£	
Y8	
8.84	27600
8.84	27600

MaxiLock-S – SVMC 50° – Toolholder with screw clamping

Scope of supply:

without high-performance coolant set



Neutral

84 681 ...

ISO designation	Adapter	LPR mm	torque moment Nm	Insert	Direct cooling compatible	£	Y8
PSC63 SVMC L 0130-16	PSC 63	130	3	VC.. 1604	DC	978.53	11693

The high-performance coolant set with article number **84 950 27400** can be ordered as an optional extra → **Page 40.**



Clamping screw

84 950 ...

Spare parts for Article no.

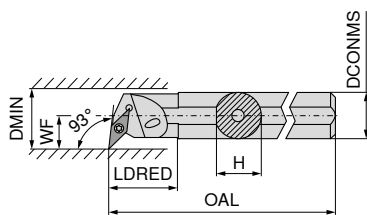
84 681 11693	8.84	27600
--------------	------	-------

£	
Y8	
8.84	27600

MaxiLock-S – SVUC 93° – Boring bar with screw clamping

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 745 ...		Right-hand 70 744 ...	
									£		£	
A16M SVUC R/L 11	16	15	150	29	11	20	1,2	VC.. 1103	2A/24	216	2A/24	216
A20Q SVUC R/L 11	20	19	180	43	13	25	1,2	VC.. 1103	175.73	220	175.73	220
A25R SVUC R/L 11	25	24	200	38	17	32	1,2	VC.. 1103	215.32	225	215.32	225
A32S SVUC R/L 16	32	31	250	50	22	40	3,2	VC.. 1604	258.32	232	258.32	232
A40T SVUC R/L 16	40	39	300	60	27	50	3,2	VC.. 1604	299.71	240	299.71	240

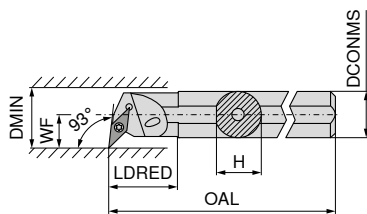
Key D	Combination Key	Clamping screw	Solid Carbide Seat V	Threaded sleeve					
80 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...					
£ Y7	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28					
70 744 216 / 70 745 216	13.73	110	2.86	13800					
70 744 220 / 70 745 220	13.73	110	2.86	13800					
70 744 225 / 70 745 225	13.73	110	2.86	13800					
70 744 232 / 70 745 232		10.04	398	3.79	113	12.19	107	5.62	171
70 744 240 / 70 745 240		10.04	398	3.79	113	12.19	107	5.62	171

Spare parts

for Article no.

MaxiLock-S – SVUC 93° – Boring bar with screw clamping

▲ with carbide core



Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Right-hand 70 746 ...	
									£	
E-A16M SVUC R 11	16	15	150	16.5	11	21	1,2	VC.. 1103	2A	216
E-A20Q SVUC R 11	20	18	180	20.5	13	25	1,2	VC.. 1103	394.89	220
E-A25R SVUC R 11	25	23	200	25.5	17	31	1,2	VC.. 1103	562.49	225
E-A25R SVUC R 16	25	23	200	25.5	17	31	3,2	VC.. 1604	954.85	325
E-A32S SVUC R 16	32	30	250	32.5	22	39	3,2	VC.. 1604	954.85	232

Spare parts

for Article no.

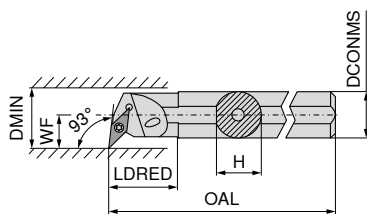
Key D	Clamping screw			
80 950 ...	70 950 ...			
£ Y7	£ 2A/28			
70 746 216	13.73	110	2.86	13800
70 746 220	13.73	110	2.86	13800
70 746 225	13.73	110	2.86	13800
70 746 325	16.32	113	3.79	449
70 746 232	16.32	113	3.79	449

MaxiLock-S – SVUC 93° – Boring bar with screw clamping

▲ Type: Solid carbide

Scope of supply:

Boring bar with Torx key



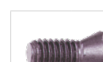
Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									70 747 ...	£	70 746 ...	£
E16R SVUC L 11	16	15.0	200	34	11	20	1,2	VC.. 1103	2A/24	583.81	016	2A/24
E16R SVUC R 11	16	15.5	200	34	11	20	1,2	VC.. 1103	2A/24	583.81	016	2A/24
E20S SVUC L 11	20	18.5	250	38	13	25	1,2	VC.. 1103	2A/24	692.44	020	2A/24
E20S SVUC R 11	20	19.0	250	38	13	25	1,2	VC.. 1103	2A/24	692.44	020	2A/24



Key D



Clamping screw

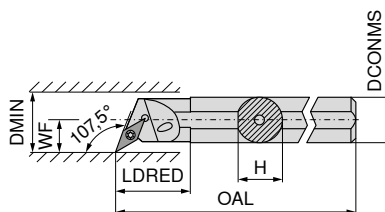
Spare parts for Article no.

Article no.	Key D	Clamping screw
70 747 016	T08	M2,5x6 - T08
70 746 016	T08	M2,5x6 - T08
70 747 020	T08	M2,5x6 - T08
70 746 020	T08	M2,5x6 - T08

MaxiLock-S – SVQC 107.5° – Boring bar with screw clamping

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									70 749 ...	£	70 748 ...	£
A16M SVQC R/L 11	16	15.0	150	29	11	20	1,2	VC.. 1103	2A/24	152.45	216	2A/24
A20Q SVQC R/L 11	20	18.5	180	32	13	25	1,2	VC.. 1103	2A/24	175.73	220	2A/24
A25R SVQC R/L 11	25	23.0	200	36	17	32	1,2	VC.. 1103	2A/24	215.32	225	2A/24
A32S SVQC R/L 16	32	30.0	250	50	22	40	3,2	VC.. 1604	2A/24	258.32	232	2A/24
A40T SVQC R/L 16	40	38.0	300	60	27	50	3,2	VC.. 1604	2A/24	299.71	240	2A/24



Key D



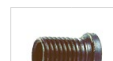
Combination Key



Clamping screw



Solid Carbide Seat V

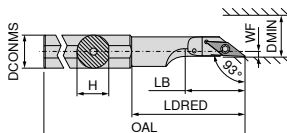


Threaded sleeve

Spare parts for Article no.

Article no.	Key D	Combination Key	Clamping screw	Solid Carbide Seat V	Threaded sleeve
70 748 216 / 70 749 216	Y7	2A/28	2A/28	2A/28	2A/28
70 748 220 / 70 749 220	13.73		2.86		
70 748 225 / 70 749 225	110		13800		
70 748 232 / 70 749 232	13.73		2.86		
70 748 240 / 70 749 240	110		13800		
		10.04	3.79	12.19	5.62
		398	113	107	171
		398	113	107	171

MaxiLock-S – SVJC 93° – Boring bar with screw clamping



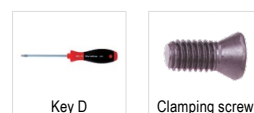
ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert
A16M SVJC L 11	16	15	150	50.0	2	22	1,2	VC.. 1103
A20M SVJC L 11	20	19	150	55.5	2	25	1,2	VC.. 1103
A25M SVJC L 16	25	24	150	58.0	5	28	3,2	VC.. 1604

Left-hand
70 727 ...

£	
2A	
138.43	216
138.43	220
138.43	225

**Spare parts
for Article no.**

70 727 216 / 70 726 216
70 727 220 / 70 726 220
70 727 225 / 70 726 225



80 950 ...

£	
Y7	
13.73	110
13.73	110
16.32	113

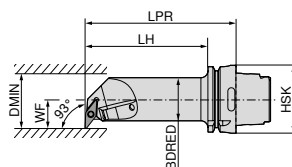
70 950 ...

£	
2A/28	
2.86	13800
2.86	13800
4.11	174

MaxiLock-S – SVUC 93° – Boring bar with screw clamping

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions



ISO designation	Adapter	LPR mm	LH mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert
HSK T63 40L SVUC R/L 16	HSK-T 63	140	114	40	27	50	3.2	VC.. 1604

Left-hand
74 568 ...

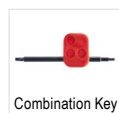
£	
2D/80	
658.93	516

Right-hand
74 567 ...

£	
2D/80	
658.93	516

**Spare parts
for Article no.**

74 567 516 / 74 568 516



Combination Key

70 950 ...

£	
2A/28	
10.04	398



Clamping screw

70 950 ...

£	
2A/28	
3.79	113



Solid Carbide
Seat V

70 950 ...

£	
2A/28	
12.19	107



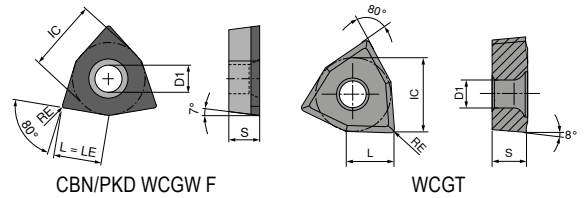
Threaded sleeve

70 950 ...

£	
2A/28	
5.62	171

WCGT / WCGW

Designation	L mm	S mm	D1 mm	IC mm
WCGW 0201..	2.70	1.58	2.3	3.97
WCGT 0201..	2.71	1.59	2.1	3.97



WCGT

-SF TCM10	-SF CTPP430 DRAGONSKIN	-SF H216T
F	F	F
CERMET WCGT	WCGT	WCGT
70 287 ...	70 287 ...	70 287 ...
£ 1A/78	£ 1A/08	£ 1A/08
19.65 900	21.15 450	16.18 600
19.65 902	21.15 452	16.18 602

ISO	RE mm
020102EN	0.2
020104EN	0.4

P	●	●	
M	○	●	
K	○	○	○
N		○	●
S		○	
H			
O			○

WCGW

▲ TCE(NOI) = Design and number of equipped cutting edge corners

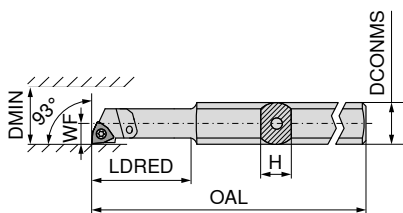
CTDPD20
F
DIAMOND WCGW
71 154 ...
£ Y0
265.31 100
265.31 102

ISO	RE mm	TCE (NOI)	LE mm
020102FN	0.2	F	2.7
020104FN	0.4	F	2.7

P			
M			
K			
N			●
S			
H			
O			●

9

MaxiLock-S – SWUC 93° – Boring bar with screw clamping



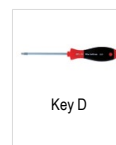
Illustrations show right-hand versions



ISO designation	H mm	OAL mm	LDRED mm	WF mm	DCONMS mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									70 731 ...	70 730 ...	70 731 ...	70 730 ...
A0508H SWUC R/L 02	7	100	24	2.9	8	5.8	0,4	WC.. 0201..	£ 2A	005	£ 2A	005
A0608H SWUC R/L 02	7	100	24	3.9	8	7.8	0,4	WC.. 0201..	£ 167.61	006	£ 167.61	006

**Spare parts
for Article no.**

70 731 005 / 70 730 005	T06	£ 14.85	108	M1,8x3,4	£ 4.47	334
70 731 006 / 70 730 006	T06	£ 14.85	108	M1,8x3,4	£ 4.47	334



Key D



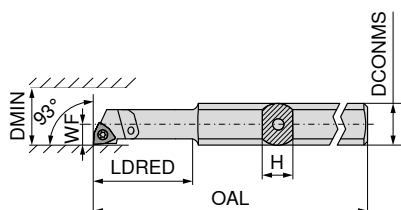
Clamping screw

80 950 ...	£ Y7	108
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70 950 ...	£ 2A/28	334
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MaxiLock-S – SWUC 93° – Boring bar with screw clamping

▲ with carbide core

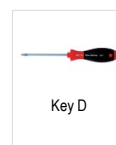


Illustrations show right-hand versions



ISO designation	H mm	OAL mm	LDRED mm	WF mm	DCONMS mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									70 743 ...	70 742 ...	70 743 ...	70 742 ...
E-A0508H SWUC R/L 02	7	100	24	2.9	8	5.8	0,4	WC.. 0201..	£ 2A	005	£ 2A	005
E-A0608H SWUC R/L 02	7	100	24	3.9	8	7.8	0,4	WC.. 0201..	£ 186.61	006	£ 186.61	006
SET							0,4	WC.. 0201..	£ 370.80	999	£ 370.80	999

1 Set includes boring bars 70 743 005 and 70 743 006 or 70 742 005 and 70 742 006



Key D



Clamping screw

80 950 ...	£ Y7	108
------------	---------	-----

70 950 ...	£ 2A/28	334
------------	------------	-----

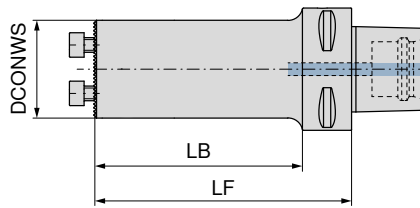
**Spare parts
for Article no.**

70 743 005 / 70 742 005	T06	£ 14.85	108	M1,8x3,4	£ 4.47	334
70 743 006 / 70 742 006	T06	£ 14.85	108	M1,8x3,4	£ 4.47	334

MaxiChange – Base holders for the exchangeable head system

Scope of supply:

Includes clamping screws



NEW

84 192 ...

Adapter	LF mm	LB mm	DCONWS mm	£ Y8	
PSC 40	40	20	16	605.27	01695
PSC 40	50	30	20	625.20	02095
PSC 40	55	35	25	729.72	02595
PSC 40	75	55	32	729.72	03295
PSC 40	80		40	729.72	04095
PSC 50	40	20	16	681.85	01694
PSC 50	50	30	20	681.85	02094
PSC 50	55	35	25	821.15	02594
PSC 50	75	55	32	821.15	03294
PSC 50	100	80	40	821.15	04094
PSC 63	40	18	16	742.69	01693
PSC 63	50	28	20	742.69	02093
PSC 63	65	43	25	895.89	02593
PSC 63	90	68	32	895.89	03293
PSC 63	125	103	32	895.89	13293
PSC 63	100	78	40	895.89	04093
PSC 63	140	118	40	895.89	14093



84 950 ...

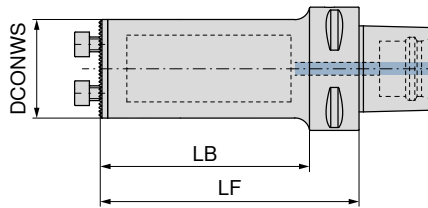
Spare parts for Article no.	£ Y8	
84 192 02595	4.81	30000 M4X12 (SW3)
84 192 03295	4.81	29900 M5X14 (SW4)
84 192 04095	4.81	29800 M6X16 (SW5)
84 192 02594	4.81	30000 M4X12 (SW3)
84 192 03294	4.81	29900 M5X14 (SW4)
84 192 04094	4.81	29800 M6X16 (SW5)
84 192 02593	4.81	30000 M4X12 (SW3)
84 192 03293	4.81	29900 M5X14 (SW4)
84 192 04093	4.81	29800 M6X16 (SW5)
84 192 13293	4.81	29900 M5X14 (SW4)
84 192 14093	4.81	29800 M6X16 (SW5)

MaxiChange – Base holders for the exchangeable head system – vibration-damped

▲ Heavy metal core reduces vibrations

Scope of supply:

Includes clamping screws



Adapter	LF mm	LB mm	DCONWS mm
PSC 63	115	93	25
PSC 63	150	128	32
PSC 63	185	163	40

84 195 ...

£	Y8	Article no.
2,521.18		02593
2,786.69		03293
3,053.67		04093



Clamping Screw

84 950 ...

£	Y8	Article no.
4.81		30000
4.81		29900
4.81		29800

**Spare parts
for Article no.**

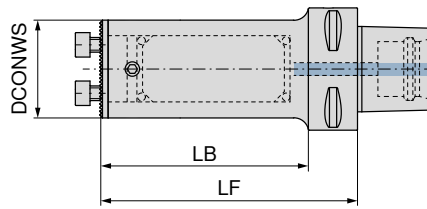
84 195 02593
84 195 03293
84 195 04093

MaxiChange – Base holders for the exchangeable head system – actively vibration-damped

- ▲ Reduction of vibrations through actively mounted dampers
- ▲ Improvement in surface finish and chip evacuation

Scope of supply:

Includes clamping screws



NEW

84 198 ...

Adapter	LF mm	LB mm	DCONWS mm	£ Y8	
PSC 40	88	68	16	2,885.80	31695
PSC 40	107	87	20	2,111.64	32095
PSC 40	132	112	25	1,090.73	42595
PSC 40	154	134	32	1,298.39	43295
PSC 40	173		40	1,391.94	44095
PSC 50	85	65	16	2,313.05	31694
PSC 50	109	89	20	2,271.09	32094
PSC 50	133	113	25	1,213.06	32594
PSC 50	180	160	25	1,817.54	42594
PSC 50	154	134	32	1,311.75	33294
PSC 50	224	204	32	1,377.55	43294
PSC 50	194	174	40	1,576.98	34094
PSC 50	288	268	40	2,625.56	44094
PSC 63	90	68	16	2,959.23	31693
PSC 63	110	88	20	2,915.17	32093
PSC 63	132	110	25	1,439.23	32593
PSC 63	180	158	25	2,018.00	42593
PSC 63	230	208	25	2,859.95	52593
PSC 63	159	137	32	1,632.50	33293
PSC 63	224	202	32	2,286.32	43293
PSC 63	288	266	32	3,243.40	53293
PSC 63	198	176	40	1,786.70	34093
PSC 63	288	266	40	2,625.56	44093
PSC 63	368	346	40	3,433.59	54093



Clamping Screw

84 950 ...

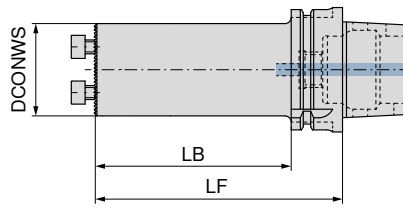
Spare parts for Article no.

	£ Y8	
84 198 42595	4.81	30000
84 198 43295	4.81	29900
84 198 44095	4.81	29800
84 198 32594	4.81	30000
84 198 33294	4.81	29900
84 198 42594	4.81	30000
84 198 34094	4.81	29800
84 198 43294	4.81	29900
84 198 44094	4.81	29800
84 198 32593	4.81	30000
84 198 33293	4.81	29900
84 198 42593	4.81	30000
84 198 34093	4.81	29800
84 198 43293	4.81	29900
84 198 52593	4.81	30000
84 198 53293	4.81	29900
84 198 44093	4.81	29800
84 198 54093	4.81	29800

MaxiChange – Base holders for the exchangeable head system

Scope of supply:

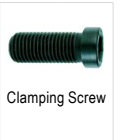
Includes clamping screws



NEW

84 193 ...

Adapter	LF mm	LB mm	DCONWS mm	£ Y8	
HSK-T 40	55	35	25	729.72	02539
HSK-T 40	75	55	25	729.72	12539
HSK-T 40	80	60	32	729.72	03239
HSK-T 40	80		40	729.72	04039
HSK-T 63	56	30	16	893.75	01637
HSK-T 63	80	54	20	1,005.99	02037
HSK-T 63	80	44	25	895.89	02537
HSK-T 63	90	64	32	895.89	03237
HSK-T 63	100	74	40	895.89	04037
HSK-T 63	125	99	32	895.89	13237
HSK-T 63	140	114	40	895.89	14037
HSK-T 100	140	111	40	1,182.19	04035



84 950 ...

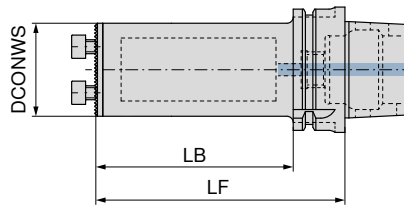
Spare parts for Article no.	£ Y8	
84 193 02539	4.81	M4X12 (SW3) 30000
84 193 12539	4.81	M4X12 (SW3) 30000
84 193 03239	4.81	M5X14 (SW4) 29900
84 193 04039	4.81	M6X16 (SW5) 29800
84 193 02537	4.81	M4X12 (SW3) 30000
84 193 03237	4.81	M5X14 (SW4) 29900
84 193 04037	4.81	M6X16 (SW5) 29800
84 193 13237	4.81	M5X14 (SW4) 29900
84 193 14037	4.81	M6X16 (SW5) 29800
84 193 04035	4.81	M6X16 (SW5) 29800

MaxiChange – Base holders for the exchangeable head system – vibration-damped

▲ Heavy metal core reduces vibrations

Scope of supply:

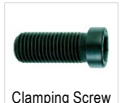
Includes clamping screws



NEW

84 195 ...
£
Y8
2,354.06 02537
2,601.82 03237
2,850.67 04037

Adapter	LF mm	LB mm	DCONWS mm
HSK-T 63	115	89	25
HSK-T 63	150	124	32
HSK-T 63	185	159	40



84 950 ...
£
Y8
4.81 30000
4.81 30000
4.81 30000

**Spare parts
for Article no.**

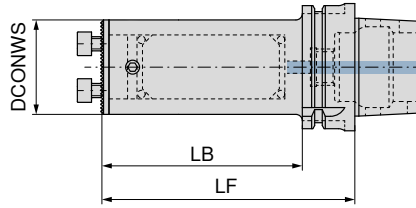
84 195 02537	4.81 30000
84 195 03237	4.81 30000
84 195 04037	4.81 30000

MaxiChange – Base holders for the exchangeable head system – actively vibration-damped

- ▲ Reduction of vibrations through actively mounted dampers
- ▲ Improvement in surface finish and chip evacuation

Scope of supply:

Includes clamping screws



NEW

84 198 ...

Adapter	LF mm	LB mm	DCONWS mm	£ Y8	
HSK-T 63	90	64	16	2,959.23	31637
HSK-T 63	106	80	20	2,915.17	32037
HSK-T 63	126	100	25	1,439.23	32537
HSK-T 63	151	125	25	2,015.95	42537
HSK-T 63	154	128	32	1,630.44	33237
HSK-T 63	186	160	32	2,284.26	43237
HSK-T 63	186	160	40	1,784.64	34037
HSK-T 63	226	200	40	2,625.56	44037



Clamping Screw

84 950 ...

Spare parts for Article no.

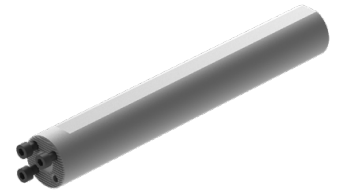
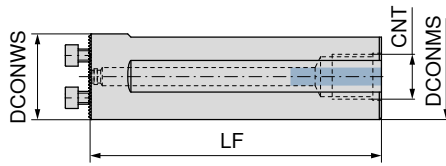
Article no.	£ Y8	
84 198 42537	4.81	30000
84 198 32537	4.81	30000
84 198 43237	4.81	29900
84 198 33237	4.81	29900
84 198 44037	4.81	29800
84 198 34037	4.81	29800

MaxiChange – Base holders for the exchangeable head system – cylindrical

- ▲ Connection thread for thro' coolant
- ▲ 3 clamping flats

Scope of supply:

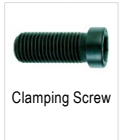
Includes clamping screws



NEW

84 194 ...

DCONWS	LF	DCONMS	CNT	£	
mm	mm	mm		Y8	
25	100	25	M8 x 1	458.41	12599
32	120	32	M8 x 1	458.41	13299
40	120	40	M8 x 1	458.41	14099
25	200	25	1/4	707.74	02599
32	218	32	3/8	752.87	03299
40	283	40	1/2	919.04	04099



84 950 ...

Spare parts for Article no.	£	
	Y8	
84 194 02599	4.81	30000
84 194 03299	4.81	29900
84 194 04099	4.81	29800

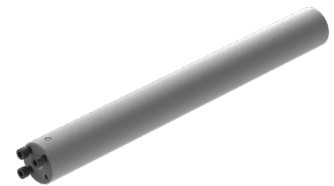
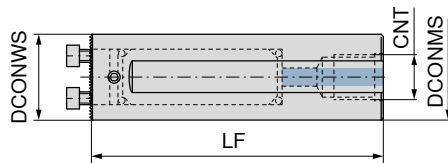
MaxiChange –

Base holders for the exchangeable head system – actively vibration-damped

- ▲ Reduction of vibrations through actively mounted dampers
- ▲ Improvement in surface finish and chip evacuation

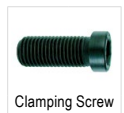
Scope of supply:

Includes clamping screws



DCONWS mm	LF mm	DCONMS mm	CNT
16	170	16	1/4
20	200	20	1/4
25	255	25	1/4
32	320	32	1/2
40	408	40	1/2

NEW	
84 198 ...	
£	
Y8	
1,915.47	31699
2,241.71	32099
2,346.61	32599
2,396.97	33299
3,386.17	34099



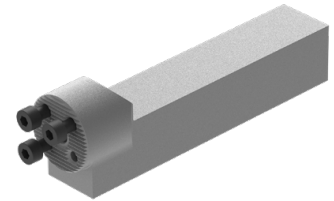
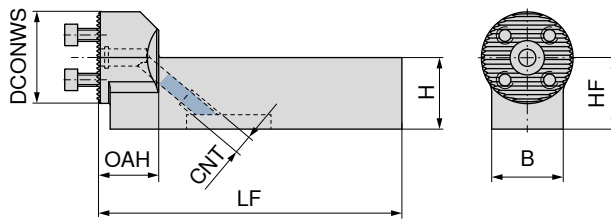
Spare parts for Article no.

Article no.	£	
	Y8	
84 198 31699	8.39	44800
84 198 32099	17.83	44900
84 198 32599	4.81	30000
84 198 33299	4.81	29900
84 198 34099	4.81	29800

MaxiChange – 0° base holders for the exchangeable head system

Scope of supply:

Includes clamping screws



DCONWS mm	H mm	B mm	HF mm	OAH mm	LF mm	CNT
25	20	20	20	21	106	M8x1
32	20	20	20	21	106	M8x1
32	25	25	25	21	106	M8x1
40	25	25	25	21	106	M8x1

NEW

84 185 ...

£	Y8
458.41	02500
458.41	03200
458.41	13200
458.41	14000

**Spare parts
for Article no.**

84 185 02500
84 185 03200
84 185 13200
84 185 14000



Clamping Screw

84 950 ...

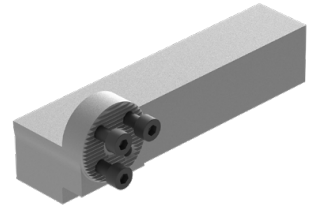
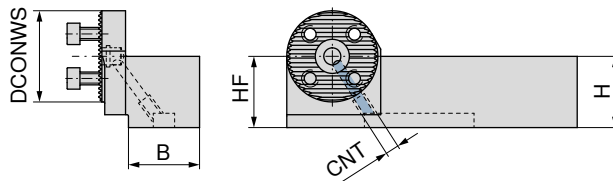
£	Y8
4.81	30000
4.81	29900
4.81	29900
4.81	29800

1 → Chapter 16 Adapters and accessories
Here you will find the suitable base adaptors.

MaxiChange – 90° base holders for the exchangeable head system

Scope of supply:

Includes clamping screws

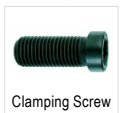


DCONWS mm	H mm	B mm	HF mm	CNT
25	20	20	20	M8x1
32	20	20	20	M8x1
32	25	25	25	M8x1
40	25	25	25	M8x1

NEW	
84 184 ...	
£	
Y8	
458.41	02500
458.41	03200
458.41	13200
458.41	14000

**Spare parts
for Article no.**

84 184 02500
84 184 03200
84 184 13200
84 184 14000

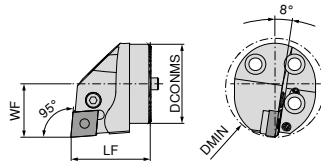
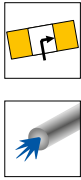


Clamping Screw

84 950 ...	
£	
Y8	
4.81	30000
4.81	30000
4.81	30000
4.81	29800

→ Chapter 16 Adapters and accessories
Here you will find the suitable base adaptors.

MaxiChange-N – Exchangeable cutting head PCLN 95°

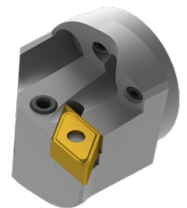
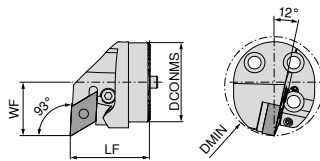
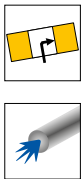


Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
						£	Y8	£	Y8
25	35	32	17	5	CN.. 1204	555.06	02500	555.06	02500
32	35	40	22	5	CN.. 1204	570.88	03200	570.88	03200
40	40	50	27	5	CN.. 1204	578.49	04000	578.49	04000

Spare parts for Article no.	Shim		Elbow lever screw		Lever		Carbide type C	
	£	Y8	£	Y8	£	Y8	£	Y8
84 160 02500 / 84 159 02500	3.22	29200	12.55	28700	37.25	29000	36.36	27800
84 160 03200 / 84 159 03200	3.22	29200	12.55	28700	37.25	29000	36.36	27800
84 160 04000 / 84 159 04000	3.22	29200	12.55	28700	37.25	29000	36.36	27800

MaxiChange-N – Exchangeable cutting head PDUN 93°



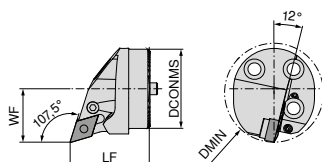
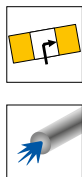
Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
						£	Y8	£	Y8
25	35	32	17	5	DN.. 1104	555.06	02500	555.06	02500
32	35	40	22	5	DN.. 1104	570.88	03200	570.88	03200
32	35	40	22	5	DN.. 1504 / 1506	570.88	13200	570.88	13200
40	40	50	27	5	DN.. 1104	578.49	04000	578.49	04000
40	40	50	27	5	DN.. 1504 / 1506	578.49	14000	578.49	14000

When using DN.. 1504 indexable inserts, use insert seat article no. 84 950 28200.

Spare parts for Article no.	Shim		Elbow lever screw		Lever		Solid Carbide Seat D	
	£	Y8	£	Y8	£	Y8	£	Y8
84 162 02500 / 84 161 02500	3.22	29300	12.55	28800	43.38	29100	66.87	28100
84 162 03200 / 84 161 03200	3.22	29300	12.55	28800	43.38	29100	66.87	28100
84 162 13200 / 84 161 13200	3.22	29200	12.55	28700	43.38	28900	66.87	27900
84 162 04000 / 84 161 04000	3.22	29300	12.55	28800	43.38	29100	66.87	28100
84 162 14000 / 84 161 14000	3.22	29200	12.55	28700	43.38	28900	66.87	27900

MaxiChange-N – Exchangeable cutting head PDQN 107.5°



Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert
25	35	32	17	5	DN.. 1104
32	35	40	22	5	DN.. 1104
40	40	50	27	5	DN.. 1104

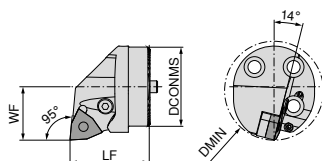
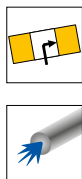
Left-hand		Right-hand	
84 163 ...		84 164 ...	
£		£	
Y8		Y8	
555.06	02500	555.06	02500
570.88	03200	570.88	03200
578.49	04000	578.49	04000

Spare parts
for Article no.

Article no.	Shim	Elbow lever screw	Lever	Solid Carbide Seat D
84 163 02500 / 84 164 02500	3.22 29300	M6/ L14 SW2,5	12.55 28800	43.38 29100
84 163 03200 / 84 164 03200	3.22 29300	M6/ L14 SW2,5	12.55 28800	43.38 29100
84 163 04000 / 84 164 04000	3.22 29300	M6/ L14 SW2,5	12.55 28800	43.38 29100

Shim	Elbow lever screw	Lever	Solid Carbide Seat D
84 950 ...	84 950 ...	84 950 ...	84 950 ...
£ Y8	£ Y8	£ Y8	£ Y8

MaxiChange-N – Exchangeable cutting head PWLN 95°



Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert
32	35	40	22	5	WN.. 0804
40	40	50	27	5	WN.. 0804

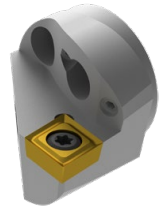
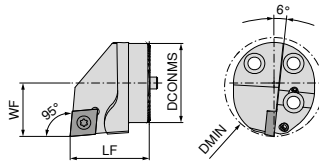
Left-hand		Right-hand	
84 165 ...		84 166 ...	
£		£	
Y8		Y8	
570.88	03200	570.88	03200
578.49	04000	578.49	04000

Spare parts
for Article no.

Article no.	Shim	Elbow lever screw	Lever	Solid Carbide Seat W
84 166 03200 / 84 165 03200	3.22 29200	M8X1/L17 SW3	12.55 28700	43.38 28900
84 166 04000 / 84 165 04000	3.22 29200	M8X1/L17 SW3	12.55 28700	43.38 28900

Shim	Elbow lever screw	Lever	Solid Carbide Seat W
84 950 ...	84 950 ...	84 950 ...	84 950 ...
£ Y8	£ Y8	£ Y8	£ Y8

MaxiChange-S – SCLC 95° – Exchangeable cutting head with screw clamping



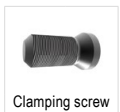
Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert
16	20	20	11	0.9	CC.. 0602
20	20	25	13	3	CC.. 09T3
25	35	32	17	5	CC.. 1204
32	35	40	22	5	CC.. 1204
40	40	50	27	5	CC.. 1204

NEW Left-hand		NEW Right-hand	
84 147 ...		84 148 ...	
£		£	
Y8		Y8	
376.59	01600	376.59	01600
408.06	02000	376.59	02000
453.37	02500	453.37	02500
461.28	03200	461.28	03200
469.19	04000	469.19	04000

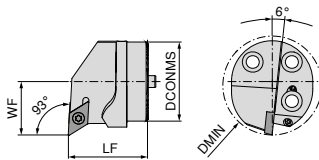
**Spare parts
for Article no.**

84 148 02500 / 84 147 02500	13.36	27500
84 148 03200 / 84 147 03200	13.36	27500
84 148 04000 / 84 147 04000	13.36	27500



84 950 ...	
£	
Y8	
13.36	27500
13.36	27500
13.36	27500

MaxiChange-S – SDUC 93° – Exchangeable cutting head with screw clamping



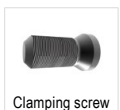
Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert
16	20	20	11	0,9	DC.. 0702
20	20	25	13	3	DC.. 11T3
25	35	32	17	3	DC.. 11T3
32	35	40	22	3	DC.. 11T3
40	40	50	27	3	DC.. 11T3

NEW Left-hand		NEW Right-hand	
84 143 ...		84 144 ...	
£		£	
Y8		Y8	
376.59	01600	376.59	01600
376.59	02000	376.59	02000
453.37	02500	453.37	02500
461.28	03200	461.28	03200
469.19	04000	469.19	04000

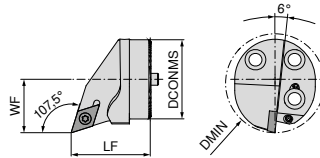
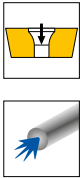
**Spare parts
for Article no.**

84 144 01600 / 84 143 01600	7.34	44700
84 144 02000 / 84 143 02000	8.84	27600
84 144 02500 / 84 143 02500	8.84	27600
84 144 03200 / 84 143 03200	8.84	27600
84 144 04000 / 84 143 04000	8.84	27600



84 950 ...	
£	
Y8	
7.34	44700
8.84	27600
8.84	27600
8.84	27600
8.84	27600

MaxiChange-S – SDQC 107.5° – Exchangeable cutting head with screw clamping



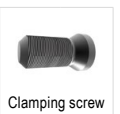
Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert
20	20	25	13	3	DC.. 11T3
25	35	32	17	3	DC.. 11T3
32	35	40	22	3	DC.. 11T3
40	40	50	27	3	DC.. 11T3

NEW Left-hand		NEW Right-hand	
84 145 ...		84 146 ...	
£		£	
Y8		Y8	
376.59	02000	376.59	02000
453.37	02500	453.37	02500
461.28	03200	461.28	03200
469.19	04000	469.19	04000

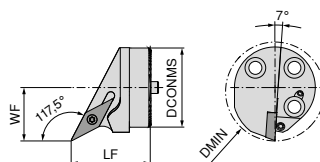
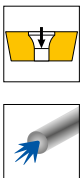
**Spare parts
for Article no.**

- 84 146 02500 / 84 145 02500
- 84 146 03200 / 84 145 03200
- 84 146 04000 / 84 145 04000



84 950 ...	
£	
Y8	
8.84	27600
8.84	27600

MaxiChange-S – SVPC 117.5° – Exchangeable cutting head with screw clamping



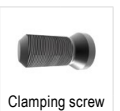
Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert
25	35	32	17	3	VC.. 1103
32	35	40	22	3	VC.. 1604
40	40	50	27	3	VC.. 1604

NEW Left-hand		NEW Right-hand	
84 176 ...		84 176 ...	
£		£	
Y8		Y8	
382.89	12500	376.59	02500
389.18	13200	376.59	03200
389.18	14000	382.89	04000

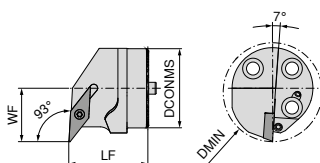
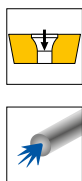
for Article no.

- 84 176 02500 / 84 176 12500
- 84 176 03200 / 84 176 13200
- 84 176 04000 / 84 176 14000



84 950 ...	
£	
Y8	
8.84	27600
8.84	27600

MaxiChange-S – SVUC 93° – Exchangeable cutting head with screw clamping



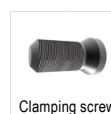
Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert
20	20	25	13	3	VC.. 1103
25	35	32	17	3	VC.. 1103
32	35	40	22	3	VC.. 1604
40	40	50	27	3	VC.. 1604

NEW Left-hand		NEW Right-hand	
84 177 ...		84 177 ...	
£		£	
Y8		Y8	
382.89	12000	376.59	02000
382.89	12500	376.59	02500
389.18	13200	376.59	03200
389.18	14000	376.59	04000

Spare parts
for Article no.

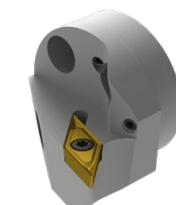
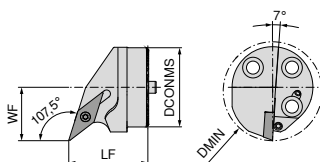
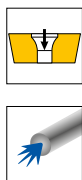
84 177 02000 / 84 177 12000
84 177 02500 / 84 177 12500
84 177 03200 / 84 177 13200
84 177 04000 / 84 177 14000



84 950 ...

£	
Y8	
8.84	27600
8.84	27600
8.84	27600
8.84	27600

MaxiChange-S – SVQC 107.5° – Exchangeable cutting head with screw clamping



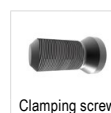
Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert
20	20	25	13	3	VC.. 1103
25	35	32	17	3	VC.. 1103
32	35	40	22	3	VC.. 1604
40	40	50	27	3	VC.. 1604

NEW Left-hand		NEW Right-hand	
84 178 ...		84 178 ...	
£		£	
Y8		Y8	
382.89	12000	376.59	02000
382.89	12500	376.59	02500
389.18	13200	376.59	03200
389.18	14000	376.59	04000

for Article no.

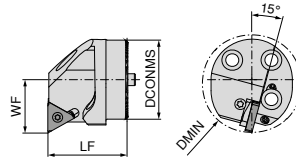
84 178 02000 / 84 178 12000
84 178 02500 / 84 178 12500
84 178 03200 / 84 178 13200
84 178 04000 / 84 178 14000



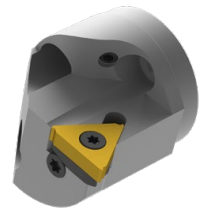
84 950 ...

£	
Y8	
8.84	27600
8.84	27600
8.84	27600
8.84	27600

MaxiChange – Exchangeable cutting head for internal thread



Illustrations show right-hand versions



DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert
25	35	32	17	2	16 ..
32	35	40	22	2	16 ..
40	40	50	27	2	16 ..

Left-hand		Right-hand	
84 167 ...		84 168 ...	
£		£	
Y8		Y8	
601.93	02500	601.93	02500
627.73	03200	627.73	03200
660.54	04000	660.54	04000



Suitable internal thread inserts can be found in → Chapter 8 Thread Turning Tools, pages 6-30



**Spare parts
for Article no.**

	84 950 ...		84 950 ...		84 950 ...	
	£		£		£	
	Y8		Y8		Y8	
84 168 02500	78.74	29500	15.86	29700	15.86	29400
84 167 02500	78.74	29600	15.86	29700	15.86	29400
84 168 03200	78.74	29500	15.86	29700	15.86	29400
84 167 03200	78.74	29600	15.86	29700	15.86	29400
84 168 04000	78.74	29500	15.86	29700	15.86	29400
84 167 04000	78.74	29600	15.86	29700	15.86	29400

Flexible coolant hoses

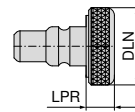
- ▲ incl. prefitted quick-coupler and coupler connector
- ▲ extremely flexible
- ▲ pressure-resistant up to 300 bar



				72 990 ...	
Designation	BD mm	CND mm	OAL mm	£	X0
MU.KSS-DN3-150	6.0	3	150	96.40	11005
MU.KSS-DN3-250	6.0	3	250	101.83	11006
MU.KSS-DN5-200	9.5	5	200	109.98	11001
MU.KSS-DN5-300	9.5	5	300	115.41	11002
MU.KSS-DN5-400	9.5	5	400	118.10	11003
MU.KSS-DN5-500	9.5	5	500	120.84	11004

Sealing plugs

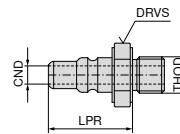
- ▲ for closing off the quick-coupler to protect against contamination



			72 994 ...	
Designation	LPR mm	DLN mm	£	X0
MU.KSVS	5.5	15.5	4.74	17001

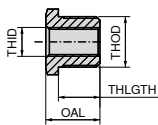
Coupler connector

- ▲ pressure-resistant up to at least 400 bar



					72 992 ...	
Designation	LPR mm	CND mm	DRVS mm	OAL mm	£	X0
MU.KSKS-M8x1	18.5	4	12	19	15.61	13001

Threaded adapter



					72 988 ...	
THID	THOD	THLGTH mm	DRVS mm	OAL mm	£	X0
G1/8"	G1/4"	11.5	17	15.0	30.36	01005
G1/8"	M8x1	11.5	14	15.0	30.36	01006
G1/8"	M12x1	11.5	14	15.0	30.36	01007
G1/8"	M14x1	11.5	17	15.0	30.36	01008
M8x1	G1/4"	11.5	17	15.0	16.19	01003
M8x1	M12x1	11.5	14	15.0	16.19	01001
M8x1	M14x1	11.5	17	15.0	16.19	01002
M8x1	G1/8"	11.5	14	23.5	16.19	01004

G1/8" screw plug

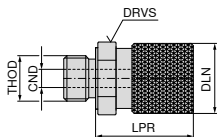
- ▲ Max. 200 bar/2900 psi
- ▲ No sealing ring required



		72 950 ...	
Designation	THSZMS	£	X0
VS.G1/8	G1/8"	57.26	010

Quick-coupler

- ▲ pressure-resistant up to at least 400 bar
- ▲ rapid change of coolant distribution without screws thanks to click system



						72 993 ...	
THOD	BD mm	DLN mm	LPR mm	CND mm	DRVS mm	£	X0
G1/8"	16	15.5	21.5	4	14	35.98	15001

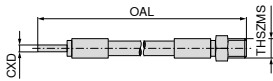
Angled coolant connection for distributor



			72 987 ...	
Designation	THOD	THID	£	X0
MU.KS-KA-KSV	G1/8"	G1/8"	45.52	18003

Hose (connecting piece/thread)

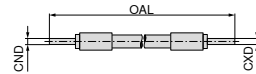
- ▲ Max. 200 bar/2900 psi
- ▲ No sealing ring required



Designation	THSZMS	CXD mm	OAL mm	72 305 ...	
				£ X0	
HDKS.150.M5-4	M5	4	150	163.18	010
HDKS.200.M5-4	M5	4	200	165.05	021
HDKS.300.M5-4	M5	4	300	166.15	033
HDKS.500.M5-4	M5	4	500	170.56	045

Hose (connecting piece/connecting piece)

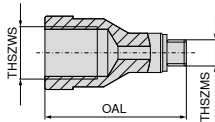
- ▲ Max. 200 bar/2900 psi



Designation	CND mm	CXD mm	OAL mm	72 305 ...	
				£ X0	
HDKS.150.4-4	4	4	150	150.27	003
HDKS.200.4-4	4	4	200	152.12	014
HDKS.300.4-4	4	4	300	152.84	025
HDKS.500.4-4	4	4	500	157.64	037

Reducer fitting

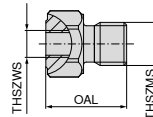
- ▲ Max. 200 bar/2900 psi
- ▲ Includes sealing ring



Designation	THSZWS	THSZMS	OAL mm	72 301 ...	
				£ X0	
RV.100.M5-M6	M6	M5	15	106.32	001
RV.100.M5-M8x1	M8x1	M5	23	106.32	003
RV.100.M5-M10x1	M10x1	M5	27	106.32	005
RV.100.M5-G1/8	G1/8"	M5	27	106.32	004

Reducer fitting

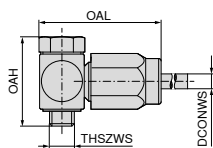
- ▲ Max. 200 bar/2900 psi
- ▲ No sealing ring required



Designation	THSZWS	THSZMS	OAL mm	72 301 ...	
				£ X0	
RV.100.M6-M5	M5	M6	18	106.32	002
RV.100.M8x1-M5	M5	M8x1	15	106.32	008
RV.100.M10x1-M5	M5	M10x1	15	106.32	007
RV.100.G1/8-M5	M5	G1/8"	15	106.32	006

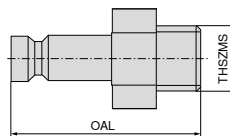
Swivel fitting

▲ Max. 200 bar/2900 psi



Quick connection (connector)

▲ Max. 200 bar/2900 psi
▲ No sealing ring required

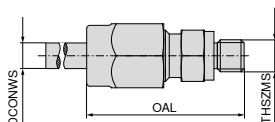


72 307 ...					
Designation	DCONWS mm	OAH mm	THSZMS	OAL mm	£ X0
KA.SV.M5-4	4	21	M5	28	272.01 017
KA.SV.G1/8-4	4	30	G1/8"	37	341.27 012

72 320 ...					
Designation	THSZMS	OAL mm	£ X0		
SAG.M5	M5	20	108.32	001	

Straight fitting

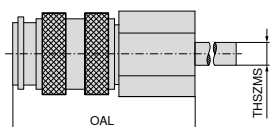
▲ Max. 200 bar/2900 psi



72 307 ...					
Designation	DCONWS mm	THSZMS	OAL mm	£ X0	
KA. M5-4	4	M5	27	107.44	009
KA. G1/8-4	4	G1/8"	32	93.77	003

Quick connection (coupling)

▲ Max. 200 bar/2900 psi



72 319 ...					
Designation	THSZMS	OAL mm	£ X0		
KIG.M5	M5	26	308.97	001	


Material examples for cutting data tables

	Material sub-group	Index	Composition / Structure / Heat treatment	Tensile strength N/mm ² / HB / HRC	Material number	Material designation	Material number	Material designation
P	Unalloyed steel	P.1.1	< 0,15 % C Annealed	420 N/mm ² / 125 HB	1.0401	C15	1.1141	Ck15
		P.1.2	< 0,45 % C Annealed	640 N/mm ² / 190 HB	1.1191	C45E	1.0718	9SMnPb28
		P.1.3	< 0,45 % C Tempered	840 N/mm ² / 250 HB	1.1191	C45E	1.0535	C55
		P.1.4	< 0,75 % C Annealed	910 N/mm ² / 270 HB	1.1223	C60R	1.0535	C55
		P.1.5	< 0,75 % C Tempered	1010 N/mm ² / 300 HB	1.1223	C60R	1.0727	45S20
	Low-alloy steel	P.2.1	Annealed	610 N/mm ² / 180 HB	1.7131	16MnCr5	1.6587	17CrNiMo6
		P.2.2	Tempered	930 N/mm ² / 275 HB	1.7131	16MnCr5	1.6587	17CrNiMo6
		P.2.3	Tempered	1010 N/mm ² / 300 HB	1.7225	42CrMo4	1.3505	100Cr6
		P.2.4	Tempered	1200 N/mm ² / 375 HB	1.7225	42CrMo4	1.3505	100Cr6
	High-alloy steel and high-alloy tool steel	P.3.1	Annealed	680 N/mm ² / 200 HB	1.4021	X20Cr13	1.4034	X46Cr13
		P.3.2	Hardened and tempered	1100 N/mm ² / 300 HB	1.2343	X38CrMoV5-1	1.4034	X46Cr13
		P.3.3	Hardened and tempered	1300 N/mm ² / 400 HB	1.2343	X38CrMoV5-1	1.4034	X46Cr13
	Stainless steel	P.4.1	Ferritic / martensitic Annealed	680 N/mm ² / 200 HB	1.4016	X6Cr17	1.2316	X36CrMo16
		P.4.2	Martensitic Tempered	1010 N/mm ² / 300 HB	1.4112	X90CrMoV18	1.2316	X36CrMo16
M	Stainless steel	M.1.1	Austenitic / austenitic-ferritic Quenched	610 N/mm ² / 180 HB	1.4301	X5CrNi18-10	1.4571	X6CrNiMoTi17-12-2
		M.2.1	Austenitic Tempered	300 HB	1.4841	X15CrNiSi25-21	1.4539	X1NiCrMoCu25-20-5
		M.3.1	Austenitic / ferritic (Duplex)	780 N/mm ² / 230 HB	1.4462	X2CrNiMoN22-5-3	1.4501	X2CrNiMoCuWN25-7-4
K	Grey cast iron	K.1.1	Pearlitic / ferritic	350 N/mm ² / 180 HB	0.6010	GG-10	0.6025	GG-25
		K.1.2	Pearlitic (martensitic)	500 N/mm ² / 260 HB	0.6030	GG-30	0.6045	GG-45
	Spherulitic graphite cast iron	K.2.1	Ferritic	540 N/mm ² / 160 HB	0.7040	GGG-40	0.7060	GGG-60
		K.2.2	Pearlitic	845 N/mm ² / 250 HB	0.7070	GGG-70	0.7080	GGG-80
	Malleable iron	K.3.1	Ferritic	440 N/mm ² / 130 HB	0.8035	GTW-35-04	0.8045	GTW-45
		K.3.2	Pearlitic	780 N/mm ² / 230 HB	0.8165	GTS-65-02	0.8170	GTS-70-02
N	Aluminium wrought alloy	N.1.1	Non-hardenable	60 HB	3.0255	Al99,5	3.3315	AlMg1
		N.1.2	Hardenable Age-hardened	340 N/mm ² / 100 HB	3.1355	AlCuMg2	3.2315	AlMgSi1
	Cast aluminium alloy	N.2.1	≤ 12 % Si, non-hardenable	250 N/mm ² / 75 HB	3.2581	G-AlSi12	3.2163	G-AlSi9Cu3
		N.2.2	≤ 12 % Si, hardenable Age-hardened	300 N/mm ² / 90 HB	3.2134	G-AlSi5Cu1Mg	3.2373	G-AlSi9Mg
		N.2.3	> 12 % Si, non-hardenable	440 N/mm ² / 130 HB		G-AlSi17Cu4Mg		G-AlSi18CuNiMg
	Copper and copper alloys (bronze/brass)	N.3.1	Free-machining alloys, PB > 1 %	375 N/mm ² / 110 HB	2.0380	CuZn39Pb2 (Ms58)	2.0410	CuZn44Pb2
		N.3.2	CuZn, CuSnZn	300 N/mm ² / 90 HB	2.0331	CuZn15	2.4070	CuZn28Sn1As
		N.3.3	CuSn, lead-free copper and electrolytic copper	340 N/mm ² / 100 HB	2.0060	E-Cu57	2.0590	CuZn40Fe
	Magnesium alloys	N.4.1	Magnesium and magnesium alloys	70 HB	3.5612	MgAl6Zn	3.5312	MgAl3Zn
	S	Heat-resistant alloys	S.1.1	Fe - basis Annealed	680 N/mm ² / 200 HB	1.4864	X12NiCrSi 36-16	1.4865
S.1.2			Fe - basis Age-hardened	950 N/mm ² / 280 HB	1.4980	X6NiCrTiMoVB25-15-2	1.4876	X10NiCrAlTi32-20
S.2.1			Ni or Co basis Annealed	840 N/mm ² / 250 HB	2.4631	NiCr20TiAl (Nimonic80A)	3.4856	NiCr22Mo9Nb
S.2.2			Ni or Co basis Age-hardened	1180 N/mm ² / 350 HB	2.4668	NiCr19Nb5Mo3 (Inconel 718)	2.4955	NiFe25Cr20NbTi
S.2.3			Ni or Co basis Cast	1080 N/mm ² / 320 HB	2.4765	CoCr20W15Ni	1.3401	G-X120Mn12
Titanium alloys		S.3.1	Pure titanium	400 N/mm ²	3.7025	Ti99,8	3.7034	Ti99,7
		S.3.2	Alpha + beta alloys Age-hardened	1050 N/mm ² / 320 HB	3.7165	TiAl6V4	Ti-6246	Ti-6Al-2Sn-4Zr-6Mo
		S.3.3	Beta alloys	1400 N/mm ² / 410 HB	Ti555.3	Ti-5Al-5V-5Mo-3Cr	R56410	Ti-10V-2Fe-3Al
H	Hardened steel	H.1.1	Hardened and tempered	46–55 HRC				
		H.1.2	Hardened and tempered	56–60 HRC				
		H.1.3	Hardened and tempered	61–65 HRC				
		H.1.4	Hardened and tempered	66–70 HRC				
	Chilled iron	H.2.1	Cast	400 HB				
	Hardened cast iron	H.3.1	Hardened and tempered	55 HRC				
O	Non-metal materials	O.1.1	Plastics, duroplastic	≤ 150 N/mm ²				
		O.1.2	Plastics, thermoplastic	≤ 100 N/mm ²				
		O.2.1	Aramid fibre-reinforced	≤ 1000 N/mm ²				
		O.2.2	Glass/carbon-fibre reinforced	≤ 1000 N/mm ²				
		O.3.1	Graphite					

* Tensile strength

Cutting data standard values

Index	DRAGONSKIN														H210T	H10T H216T
	TCM407	TCM10	CTEP110	CTCP115-P	CTCP125-P	CTCP135-P	CTCK110	CTCK120	CTPM125	CTCM120	CTCM130	CTPX710 -F05 -F34 -M34 -M42	CTPX710 -25P -25Q	CTPX715 -27 -29		
v _c in m/min																
P.1.1	380	310	460	370	295	210	395	330	200	230	185	325	340	275		
P.1.2	330	265	400	315	250	175	345	280	170	200	150	290	300	235		
P.1.3	280	230	350	270	210	145	300	240	140	175	125	250	260	200		
P.1.4	265	210	330	250	200	135	280	220	130	165	115	240	250	190		
P.1.5	240	190	300	230	180	120	260	200	120	150	100	220	235	170		
P.2.1	335	270	410	325	260	180	350	290	175	200	160	290	300	240		
P.2.2	260	210	325	250	195	130	280	220	130	160	110	235	250	185		
P.2.3	240	190	300	230	180	120	260	200	120	150	100	220	235	170		
P.2.4	180	145	230	170	130	85	200	150	80	115	60	175	190	125		
P.3.1	280	220	345	200	170	150	270	220	140	160	125	140	150	140		
P.3.2	225	170	280	140	105	95	225	175	100	115	80	85	95	80		
P.3.3	170	115	210	85	40	35	180	130	50	75	40	30	35	25		
P.4.1	280	220	345	200	170	155			140	160	125	140	155	140		
P.4.2	250	195	310	170	135	125			120	140	100	115	130	110		
M.1.1	280	220	345			155			140	160	125	140	150	140		
M.2.1						95			100	115	80	85	90	80		
M.3.1						135			130	150	110	125	130	120		
K.1.1			410	255	170		400	275						200	170	140
K.1.2			310	235	160		310	265						160	130	115
K.2.1	355	260	440	270	180		320	290						190	180	150
K.2.2	315	215	350	205	160		275	230						150	130	110
K.3.1	325	300	415	250	200		310	275						210	190	170
K.3.2	250	205	250	210	160		265	230						180	160	140
N.1.1												1840	1840	1750	1650	1400
N.1.2												1600	1600	1500	1350	1100
N.2.1												1250	1250	1200	1200	950
N.2.2												1250	1250	1200	1100	950
N.2.3												750	750	700	600	500
N.3.1												650	650	625	525	425
N.3.2												630	630	600	500	400
N.3.3												500	500	475	375	275
N.4.1												340	340	325	275	225
S.1.1											35	100	110	40	45	
S.1.2											25	80	85	30	35	
S.2.1											20	65	75	30	35	
S.2.2											20	40	45	25	25	
S.2.3											20	40	45	20	20	
S.3.1											110	95	100	110	110	
S.3.2											65	55	60	70	70	
S.3.3											45	40	45	50	50	
H.1.1																
H.1.2																
H.1.3																
H.1.4																
H.2.1																
H.3.1																
O.1.1														140	160	130
O.1.2																
O.2.1														150	140	105
O.2.2																
O.3.1																

 The cutting data is strongly influenced by external conditions, such as the stability of the tool and workpiece clamping, material and type of machine. The specified values represent guideline cutting data that can be adjusted by approx. ±20% according to the usage conditions.

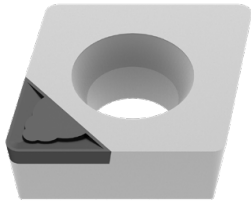
Cutting data standard values for diamond cutting materials CTD PD20 / PS30 / PU20 / CD10 / MD05

Index	Material group	Tool Material	a _p = 0,04–0,4 mm		a _p = 0,4–1,0 mm		a _p = 0,4–2,5 mm	
			Surface roughness R _z in µm		Surface roughness R _z in µm		Surface roughness R _z in µm	
			2,5–5,0	5,0–10	2,5–5,0	5,0–10	2,5–5,0	5,0–10
			CTD ...	CTD ...	CTD ...	CTD ...	CTD ...	CTD ...
N.1.1 N.1.2	Aluminium wrought alloys without Si f=0.05–0.5 mm/rev.	○ Tool Material v _c in m/min	PD20 / PU20 / CD10 / MD05 min. 400	PD20 / PU20 / CD10 / MD05 min. 400	PD20 / PU20 / CD10 / MD05 min. 400	PD20 / PU20 / CD10 / MD05 min. 400	PD20 / PU20 / CD10 / MD05 min. 400	PD20 / PU20 / CD10 / MD05 min. 400
		● Tool Material v _c in m/min		PD20 / CD10 min. 400		PD20 / CD10 min. 400		PD20 / CD10 min. 400
		⊖ Tool Material v _c in m/min	PD20 / PU20 min. 400	PD20 / PU20 min. 400	PD20 / PU20 min. 400	PD20 / PU20 min. 400	PD20 / PU20 min. 400	PD20 / PU20 min. 400
N.2.1	Cast Aluminium Alloys Si≤12% – hardened or Si=12–20% – non hardened f=0.05–0.5 mm/rev.	○ Tool Material v _c in m/min	PS30 / PU20 / CD10 / MD05 min. 600	PS30 / PU20 / CD10 / MD05 min. 600	PS30 / PU20 / CD10 / MD05 min. 600	PS30 / PU20 / CD10 / MD05 min. 600	PS30 / PU20 / CD10 / MD05 min. 600	PS30 / PU20 / CD10 / MD05 min. 600
		● Tool Material v _c in m/min	PD20 / PU20 / CD10 min. 400	PD20 / PU20 / CD10 min. 400	PD20 / PU20 / CD10 min. 400	PS30 / PU20 / CD10 min. 600	PS30 / PU20 / CD10 min. 400	PS30 / PU20 / CD10 min. 400
		⊖ Tool Material v _c in m/min	PS30 min. 600	PS30 min. 600	PS30 min. 600	PS30 min. 600	PS30 min. 600	PS30 min. 600
N.2.2 N.2.3	Aluminium cast alloys Si=12–20% f=0.05–0.5 mm/rev.	○ Tool Material v _c in m/min	PU20 / CD10 / MD05 min. 800	PU20 / CD10 / MD05 min. 400	PU20 / CD10 / MD05 min. 700	PU20 / CD10 / MD05 min. 400	PU20 / CD10 / MD05 min. 600	PU20 / CD10 / MD05 min. 400
		● Tool Material v _c in m/min		PU20 / CD10 min. 600		PU20 / CD10 min. 600		PU20 / CD10 min. 600
		⊖ Tool Material v _c in m/min		PU20 min. 600		PU20 min. 600		
N.3.1 N.3.2 N.3.3	Copper and copper wrought alloys f=0.05–0.5 mm/rev.	○ Tool Material v _c in m/min	PD20 / PU20 / CD10 / MD05 min. 400	PD20 / PU20 / CD10 / MD05 min. 400	PD20 / PU20 / CD10 / MD05 min. 400	PS30 / PU20 / CD10 / MD05 300–1600	PD20 / PU20 / CD10 / MD05 min. 400	PD20 / PU20 / CD10 / MD05 min. 400
		● Tool Material v _c in m/min	PU20 / CD10 min. 300	PD20 / PU20 / CD10 min. 300	PD20 / PU20 / CD10 min. 400	PS30 / PU20 / CD10 min. 300	PD20 / PU20 / CD10 min. 400	PD20 / PU20 / CD10 min. 300
		⊖ Tool Material v _c in m/min		PD20 / PU20 min. 300		PS30 / PU20 min. 300	PD20 / PU20 min. 300	PS30 / PU20 min. 200
O.1.1 O.1.2	Plastic materials without reinforcement (acrylic glass) f=0.05–0.7 mm/rev.	○ Tool Material v _c in m/min		PD20 / CD10 / MD05 min. 400		PD20 / CD10 / MD05 min. 300		PS30 / CD10 / MD05 min. 200
		● Tool Material v _c in m/min		PD20 / CD10 min. 300		PD20 / CD10 min. 200		PS30 / CD10 min. 200
		⊖ Tool Material v _c in m/min		PD20 / CD10 min. 400		PD20 / CD10 min. 300		PD20 / CD10 min. 200
O.2.1 O.2.2	Plastic materials with reinforcement (glass-fibre, carbon-fibre reinforced) f=0.05–0.7 mm/rev.	○ Tool Material v _c in m/min	PS30 / PU20 / CD10 / MD05 min. 500		PS30 / PU20 / CD10 / MD05 min. 400	PS30 / PU20 / CD10 / MD05 min. 300	PS30 / PU20 / CD10 / MD05 min. 300	PS30 / PU20 / CD10 / MD05 min. 200
		● Tool Material v _c in m/min	PS30 / PU20 / CD10 min. 400		PS30 / PU20 / CD10 min. 300	PS30 / PU20 / CD10 min. 200	PS30 / PU20 / CD10 min. 200	PS30 / PU20 / CD10 min. 200
		⊖ Tool Material v _c in m/min	PU20 min. 500		PU20 min. 400	PU20 min. 300	PU20 min. 300	
O.3.1	Graphite	Tool Material v _c in m/min	PD20 / PS30 / PU20 / CD10 min. 100		PD20 / PS30 / PU20 / CD10 min. 100		PD20 / PS30 / PU20 / CD10 min. 100	

○ Smooth cut	● Irregular cutting depth	⊖ Interrupted cut
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Cutting data standard values for the CB chip breaker geometries

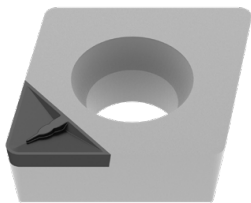
-CB1



3D-Chip Breaker -CB1				
Corner Radius	a _p in mm		f _z in mm/rev.	
	min.	max.	min.	max.
0,1 mm	0,05	0,30	0,02	0,05
0,2 mm	0,06	0,40	0,03	0,08
0,4 mm	0,10	0,80	0,04	0,15
0,8 mm	0,15	1,00	0,08	0,20
1,2 mm	0,30	1,50	0,12	0,25

- ▲ Finish and Superfinish
- ▲ Extremely sharp cutting edge geometry
- ▲ Depth of Cut a_p: 0.05–1.5 mm
- ▲ Smallest cutting pressure for highest accuracies
- ▲ For machining of thin-walled and unstable workpieces

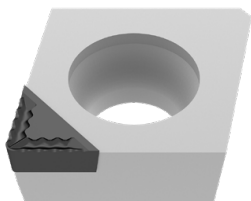
-CB2



3D-Chip Breaker -CB2				
Corner Radius	a _p in mm		f _z in mm/rev.	
	min.	max.	min.	max.
0,2 mm	0,50	0,80	0,08	0,12
0,4 mm	0,60	1,50	0,08	0,20
0,8 mm	0,70	1,50	0,15	0,30
1,2 mm	0,80	2,00	0,20	0,40

- ▲ Semi-finish and Finish machining
- ▲ Negative edge preparation
- ▲ Cutting Depth a_p: 0,5–2,0 mm
- ▲ High surface quality and tight tolerances
- ▲ Machining of solid workpieces under stable conditions

-CB3

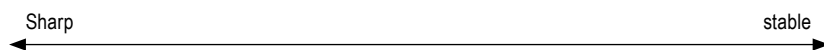


3D-Chip Breaker -CB3				
Corner Radius	a _p in mm		f _z in mm/rev.	
	min.	max.	min.	max.
0,4 mm	1,00	3,00	0,10	0,20
0,8 mm	1,00	3,00	0,15	0,35

- ▲ Medium and rough machining
- ▲ Highly aggressive chip breaker
- ▲ Cutting depth a_p: 1,0–3,0 mm
- ▲ Stable component conditions necessary
- ▲ Cooling must be ensured

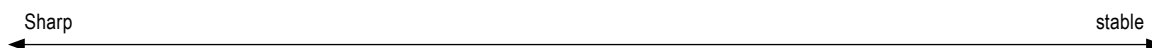
Cutting data standard values for negative inserts

Designation	-CF20 (Cermet)						-F50					
	f			a _p			f			a _p		
	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.
	mm/rev.			mm			mm/rev.			mm		
CN.. 090304							0,06	0,15	0,25	0,2	0,5	1,5
CN.. 090308							0,10	0,20	0,30	0,4	1,0	2,0
CN.. 120404	0,05	0,15	0,25	0,3	0,5	1,5	0,06	0,15	0,25	0,2	0,6	1,5
CN.. 120408	0,07	0,15	0,25	0,3	0,5	1,5	0,10	0,20	0,30	0,4	1,0	2,0
CN.. 120412							0,14	0,25	0,35	0,6	1,4	2,6
CN.. 120416												
CN.. 160608												
CN.. 160612												
CN.. 160616												
CN.. 160624												
CN.. 190608												
CN.. 190612												
CN.. 190616												
CN.. 190624												
CN.. 250924												
DN.. 110402							0,04	0,10	0,20	0,1	0,4	2,3
DN.. 110404	0,05	0,15	0,25	0,3	0,5	1,5	0,06	0,15	0,25	0,2	0,6	1,5
DN.. 110408	0,07	0,15	0,25	0,3	0,5	1,5	0,10	0,20	0,30	0,4	1,0	2,0
DN.. 110412							0,14	0,25	0,35	0,6	1,4	2,6
DN.. 150404							0,06	0,15	0,25	0,2	0,6	1,5
DN.. 150408							0,10	0,20	0,30	0,4	1,0	2,0
DN.. 150412							0,14	0,25	0,35	0,6	1,4	2,6
DN.. 150416												
DN.. 150604	0,05	0,15	0,25	0,3	0,5	1,5	0,06	0,15	0,25	0,2	0,6	1,5
DN.. 150608	0,07	0,15	0,25	0,3	0,5	1,5	0,10	0,20	0,30	0,4	1,0	2,0
DN.. 150612	0,10	0,20	0,30	0,5	0,7	1,5	0,14	0,25	0,35	0,6	1,4	2,6
DN.. 150616												
SN.. 090308							0,10	0,20	0,30	0,4	1,0	2,0
SN.. 120404							0,06	0,15	0,25	0,2	0,6	1,5
SN.. 120408							0,10	0,20	0,30	0,4	1,0	2,0
SN.. 120412							0,14	0,25	0,35	0,6	1,4	2,6
SN.. 120416												
SN.. 150608												
SN.. 150612												
SN.. 150616												
SN.. 190612												
SN.. 190616												
SN.. 190624												
SN.. 250724												
SN.. 250924												
TN.. 110304							0,06	0,15	0,25	0,2	0,6	1,5
TN.. 110308							0,10	0,20	0,30	0,4	1,0	2,0
TN.. 160404	0,05	0,15	0,25	0,3	0,5	1,5	0,06	0,15	0,25	0,2	0,6	1,5
TN.. 160408	0,07	0,15	0,25	0,3	0,5	1,5	0,10	0,20	0,30	0,4	1,0	2,0
TN.. 160412	0,10	0,20	0,30	0,5	0,7	1,5	0,14	0,25	0,35	0,6	1,4	2,6
TN.. 220404												
TN.. 220408												
TN.. 220412												
TN.. 220416												
VN.. 160404							0,06	0,15	0,25	0,2	0,6	1,5
VN.. 160408							0,10	0,20	0,30	0,4	1,0	2,0
VN.. 160412												
WN.. 060404	0,05	0,15	0,25	0,3	0,5	1,5	0,06	0,15	0,25	0,2	0,6	1,5
WN.. 060408	0,07	0,15	0,25	0,3	0,5	1,5	0,10	0,20	0,30	0,4	1,0	2,0
WN.. 060412												
WN.. 080404							0,06	0,15	0,25	0,2	0,6	1,5
WN.. 080408	0,07	0,15	0,25	0,3	0,5	1,5	0,10	0,20	0,30	0,4	1,0	2,0
WN.. 080412							0,14	0,25	0,35	0,6	1,4	2,6
WN.. 080416												



The data shows reference values. An adjustment to the actual conditions may be required.


Designation	-TFQ						-XU						-M50					
	f			a _p			f			a _p			f			a _p		
	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.
	mm/rev.			mm			mm/rev.			mm			mm/rev.			mm		
CN.. 090304																		
CN.. 090308																		
CN.. 120404	0,10	0,15	0,35	0,4	1,0	3,0	0,08	0,15	0,25	0,3	1,5	2,5	0,10	0,20	0,30	0,4	2,0	5,0
CN.. 120408	0,10	0,25	0,50	0,5	1,5	4,0	0,13	0,25	0,35	0,6	2,0	3,0	0,15	0,25	0,40	0,6	2,0	5,0
CN.. 120412	0,15	0,30	0,70	0,8	2,0	5,0	0,15	0,30	0,45	0,9	2,0	3,5	0,20	0,30	0,50	1,0	2,0	5,0
CN.. 120416													0,25	0,40	0,60	1,4	2,0	5,0
CN.. 160608													0,15	0,25	0,40	0,6	3,0	8,0
CN.. 160612													0,20	0,30	0,50	1,0	3,0	8,0
CN.. 160616													0,25	0,40	0,60	1,4	3,0	8,0
CN.. 160624																		
CN.. 190608																		
CN.. 190612																		
CN.. 190616																		
CN.. 190624																		
CN.. 250924																		
DN.. 110402																		
DN.. 110404													0,10	0,20	0,30	0,4	1,5	4,0
DN.. 110408													0,15	0,25	0,40	0,6	1,5	4,0
DN.. 110412													0,20	0,30	0,50	1,0	1,5	4,0
DN.. 150404													0,10	0,20	0,30	0,4	2,0	5,0
DN.. 150408													0,15	0,25	0,40	0,6	2,0	5,0
DN.. 150412													0,20	0,30	0,50	1,0	2,0	5,0
DN.. 150416													0,25	0,40	0,60	1,4	2,0	5,0
DN.. 150604	0,10	0,15	0,30	0,4	1,0	3,0	0,08	0,15	0,25	0,3	1,5	2,5	0,10	0,20	0,30	0,4	2,0	5,0
DN.. 150608	0,10	0,25	0,40	0,5	1,5	4,0	0,13	0,25	0,35	0,6	2,0	3,0	0,15	0,25	0,40	0,6	2,0	5,0
DN.. 150612	0,1	0,35	0,5	1,0	2,5	4,0	0,15	0,25	0,40	0,9	2,0	3,5	0,20	0,30	0,50	1,0	2,0	5,0
DN.. 150616													0,25	0,40	0,60	1,4	2,0	5,0
SN.. 090308																		
SN.. 120404																		
SN.. 120408													0,15	0,25	0,40	0,6	2,0	5,0
SN.. 120412													0,20	0,30	0,50	1,0	2,0	5,0
SN.. 120416													0,25	0,40	0,60	1,4	2,0	5,0
SN.. 150608													0,15	0,25	0,40	0,6	3,0	8,0
SN.. 150612													0,20	0,30	0,50	1,0	3,0	8,0
SN.. 150616													0,25	0,40	0,60	1,4	3,0	8,0
SN.. 190612																		
SN.. 190616																		
SN.. 190624																		
SN.. 250724																		
SN.. 250924																		
TN.. 110304																		
TN.. 110308																		
TN.. 160404													0,10	0,20	0,30	0,4	2,0	5,0
TN.. 160408													0,15	0,25	0,40	0,6	2,0	5,0
TN.. 160412													0,20	0,30	0,50	1,0	2,0	5,0
TN.. 220404																		
TN.. 220408													0,15	0,25	0,40	0,6	3,0	8,0
TN.. 220412													0,20	0,30	0,50	1,0	3,0	8,0
TN.. 220416																		
VN.. 160404							0,08	0,15	0,20	0,3	1,0	1,8	0,10	0,20	0,30	0,4	1,0	4,0
VN.. 160408							0,13	0,20	0,30	0,6	1,5	2,5	0,15	0,25	0,40	0,6	1,0	4,0
VN.. 160412													0,20	0,30	0,50	1,0	1,0	4,0
WN.. 060404	0,10	0,18	0,35	0,4	0,8	3,0							0,10	0,20	0,30	0,4	1,0	3,0
WN.. 060408	0,10	0,20	0,50	0,5	1,5	3,0							0,15	0,25	0,40	0,6	1,0	3,0
WN.. 060412													0,20	0,30	0,50	1,0	1,0	3,0
WN.. 080404	0,1	0,15	0,35	0,4	1,0	3,0	0,08	0,15	0,25	0,3	1,5	2,5	0,10	0,20	0,30	0,4	1,5	4,0
WN.. 080408	0,10	0,25	0,50	0,5	1,5	4,0	0,13	0,22	0,35	0,6	2,0	3,0	0,15	0,25	0,40	0,6	1,5	4,0
WN.. 080412	0,15	0,30	0,70	0,8	2,0	5,0	0,15	0,25	0,45	0,9	2,0	3,5	0,20	0,30	0,50	1,0	1,5	4,0
WN.. 080416													0,25	0,40	0,60	1,4	1,5	4,0



Cutting data standard values for negative inserts

Designation	-TMQ						-M70					
	f			a _p			f			a _p		
	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.
	mm/rev.			mm			mm/rev.			mm		
CN.. 090304												
CN.. 090308												
CN.. 120404												
CN.. 120408	0,20	0,40	0,65	0,8	3,0	5,0	0,20	0,30	0,45	0,8	3,0	6,0
CN.. 120412	0,25	0,50	0,85	1,0	3,0	6,0	0,25	0,40	0,60	1,2	3,0	6,0
CN.. 120416							0,30	0,45	0,70	1,6	3,0	6,0
CN.. 160608							0,20	0,30	0,45	0,8	4,0	8,0
CN.. 160612							0,25	0,40	0,60	1,2	4,0	8,0
CN.. 160616							0,30	0,45	0,70	1,6	4,0	8,0
CN.. 160624							0,40	0,70	1,20	2,4	4,0	8,0
CN.. 190608							0,20	0,30	0,45	0,8	4,5	9,0
CN.. 190612							0,25	0,40	0,60	1,2	4,5	9,0
CN.. 190616							0,30	0,45	0,70	1,6	4,5	9,0
CN.. 190624							0,40	0,70	1,20	2,4	4,5	9,0
CN.. 250924							0,40	0,70	1,20	2,4	6,0	13,0
DN.. 110402												
DN.. 110404												
DN.. 110408							0,20	0,25	0,45	0,8	2,0	5,0
DN.. 110412							0,25	0,35	0,60	1,2	2,0	5,0
DN.. 150404												
DN.. 150408							0,20	0,25	0,45	0,8	2,5	6,0
DN.. 150412							0,25	0,35	0,60	1,2	2,5	6,0
DN.. 150416							0,30	0,40	0,70	1,6	2,5	6,0
DN.. 150604												
DN.. 150608	0,15	0,30	0,50	0,8	2,5	5,0	0,20	0,25	0,45	0,8	2,5	6,0
DN.. 150612	0,20	0,40	0,60	1,0	3,0	5,0	0,25	0,35	0,60	1,2	2,5	6,0
DN.. 150616							0,30	0,40	0,70	1,6	2,5	6,0
SN.. 090308												
SN.. 120404												
SN.. 120408							0,20	0,30	0,50	0,8	3,0	6,0
SN.. 120412							0,25	0,40	0,65	1,2	3,0	6,0
SN.. 120416							0,30	0,45	0,70	1,6	3,0	6,0
SN.. 150608												
SN.. 150612							0,25	0,40	0,65	1,2	4,0	8,0
SN.. 150616							0,30	0,45	0,75	1,6	4,0	8,0
SN.. 190612							0,25	0,40	0,65	1,2	4,5	9,0
SN.. 190616							0,30	0,45	0,75	1,6	4,5	9,0
SN.. 190624							0,40	0,70	1,20	2,4	4,5	9,0
SN.. 250724												
SN.. 250924							0,40	0,70	1,20	2,4	6,0	13,0
TN.. 110304												
TN.. 110308												
TN.. 160404												
TN.. 160408							0,20	0,25	0,45	0,8	2,5	6,0
TN.. 160412							0,25	0,35	0,60	1,2	2,5	6,0
TN.. 220404							0,15	0,20	0,30	0,4	3,0	7,0
TN.. 220408							0,20	0,25	0,45	0,8	3,0	7,0
TN.. 220412							0,25	0,35	0,60	1,2	3,0	7,0
TN.. 220416							0,30	0,40	0,70	1,6	3,0	7,0
VN.. 160404												
VN.. 160408												
VN.. 160412												
WN.. 060404												
WN.. 060408							0,20	0,30	0,45	0,8	2,0	4,0
WN.. 060412							0,25	0,40	0,60	1,2	2,0	4,0
WN.. 080404												
WN.. 080408	0,20	0,30	0,65	0,8	3,0	5,0	0,20	0,30	0,45	0,8	2,5	5,0
WN.. 080412	0,25	0,40	0,85	1,0	3,0	6,0	0,25	0,40	0,60	1,2	2,5	5,0
WN.. 080416							0,30	0,45	0,70	1,6	2,5	5,0

Sharp \longleftrightarrow stable

 The data shows reference values. An adjustment to the actual conditions may be required.

Designation	-R28						-R58						-R88					
	f			a _p			f			a _p			f			a _p		
	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.
	mm/rev.			mm			mm/rev.			mm			mm/rev.			mm		
CN.. 090304																		
CN.. 090308																		
CN.. 120404																		
CN.. 120408	0,25	0,35	0,55	0,8	3,0	7,0	0,25	0,45	0,70	1,0	3,0	7,0						
CN.. 120412	0,30	0,45	0,70	1,0	3,0	7,0	0,30	0,55	0,85	1,5	3,0	7,0						
CN.. 120416	0,30	0,60	0,90	1,5	3,0	7,0	0,35	0,65	1,00	2,0	3,0	7,0						
CN.. 160608																		
CN.. 160612	0,30	0,45	0,70	1,0	4,0	9,0	0,30	0,55	0,85	1,5	4,0	9,0						
CN.. 160616	0,35	0,60	0,90	1,5	4,0	9,0	0,35	0,65	1,00	2,0	4,0	9,0						
CN.. 160624							0,40	0,75	1,20	2,5	4,0	9,0	0,40	0,70	1,20	2,0	5,0	9,0
CN.. 190608																		
CN.. 190612	0,30	0,45	0,70	1,0	5,5	12,0	0,35	0,55	0,85	1,5	5,5	12,0						
CN.. 190616	0,35	0,60	0,90	1,5	5,5	12,0	0,40	0,65	1,00	2,0	5,5	12,0	0,40	0,70	1,00	2,0	5,0	12,0
CN.. 190624	0,35	0,65	1,00	2,0	5,5	12,0	0,40	0,75	1,20	2,5	5,5	12,0	0,40	0,70	1,20	2,0	5,0	12,0
CN.. 250924	0,35	0,7	1,0	2,0	7,0	16,0	0,45	0,80	1,30	2,5	8,0	16,0	0,60	1,00	1,50	3,5	10,0	18,0
DN.. 110402																		
DN.. 110404																		
DN.. 110408																		
DN.. 110412																		
DN.. 150404																		
DN.. 150408																		
DN.. 150412																		
DN.. 150416																		
DN.. 150604																		
DN.. 150608																		
DN.. 150612	0,25	0,45	0,70	1,0	2,5	6,0	0,30	0,50	0,80	1,5	2,5	6,0						
DN.. 150616	0,30	0,60	0,85	1,5	2,5	6,0	0,35	0,60	0,90	2,0	2,5	6,0						
SN.. 090308																		
SN.. 120404																		
SN.. 120408							0,25	0,45	0,70	1,0	3,0	7,0						
SN.. 120412							0,30	0,55	0,85	1,5	3,0	7,0						
SN.. 120416																		
SN.. 150608																		
SN.. 150612	0,30	0,35	0,70	1,0	4,0	9,0	0,30	0,55	0,85	1,5	4,0	9,0						
SN.. 150616	0,35	0,60	0,90	1,5	4,0	9,0	0,35	0,65	1,00	2,0	4,0	9,0						
SN.. 190612							0,35	0,55	0,85	1,5	5,5	12,0						
SN.. 190616	0,35	0,60	0,90	1,5	5,5	12,0	0,40	0,65	1,00	2,0	5,5	12,0	0,40	0,70	1,00	2,0	5,0	12,0
SN.. 190624							0,40	0,75	1,20	2,0	5,5	12,0	0,40	0,70	1,20	2,0	5,0	12,0
SN.. 250724	0,35	0,65	1,00	2,0	7,0	16,0	0,45	0,80	1,30	2,5	8,0	16,0	0,60	1,00	1,50	3,5	10,0	18,0
SN.. 250924	0,35	0,65	1,00	2,0	7,0	16,0	0,45	0,80	1,30	2,5	8,0	16,0	0,60	1,00	1,50	3,5	10,0	18,0
TN.. 110304																		
TN.. 110308																		
TN.. 160404																		
TN.. 160408																		
TN.. 160412																		
TN.. 220404																		
TN.. 220408																		
TN.. 220412							0,30	0,50	0,80	1,5	3,0	7,0						
TN.. 220416	0,30	0,55	0,85	1,5	3,0	7,0												
VN.. 160404																		
VN.. 160408																		
VN.. 160412																		
WN.. 060404																		
WN.. 060408																		
WN.. 060412																		
WN.. 080404																		
WN.. 080408																		
WN.. 080412																		
WN.. 080416																		



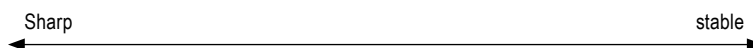
Cutting data standard values for negative inserts

Designation	-F30						-M30					
	f			a _p			f			a _p		
	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.
mm/rev.			mm			mm/rev.			mm			
CN.. 090304												
CN.. 090308												
CN.. 120404	0,05	0,15	0,25	0,4	1,0	2,0						
CN.. 120408	0,10	0,22	0,35	0,8	1,5	2,5	0,15	0,25	0,40	1,0	2,0	4,5
CN.. 120412							0,20	0,30	0,50	1,2	2,5	5,0
CN.. 120416							0,25	0,35	0,55	1,6	2,5	5,0
CN.. 160608												
CN.. 160612												
CN.. 160616												
CN.. 160624												
CN.. 190608												
CN.. 190612												
CN.. 190616												
CN.. 190624												
CN.. 250924												
DN.. 110402												
DN.. 110404	0,05	0,15	0,25	0,4	1,0	2,0						
DN.. 110408	0,10	0,20	0,35	0,8	1,5	2,5	0,15	0,25	0,40	1,0	2,0	4,5
DN.. 110412							0,20	0,30	0,50	1,2	2,0	4,5
DN.. 150404	0,05	0,15	0,25	0,4	1,0	2,0						
DN.. 150408	0,1	0,2	0,35	0,8	1,5	2,5	0,15	0,25	0,35	1,0	2,5	4,0
DN.. 150412							0,2	0,3	0,5	1,0	2,5	4,0
DN.. 150416												
DN.. 150604	0,05	0,15	0,25	0,4	1,0	2,0						
DN.. 150608	0,10	0,20	0,35	0,8	1,5	2,5	0,15	0,25	0,40	1,0	2,0	5,5
DN.. 150612							0,20	0,30	0,50	1,2	2,0	5,5
DN.. 150616												
SN.. 090308												
SN.. 120404	0,10	0,15	0,30	0,4	1,0	2,0						
SN.. 120408	0,15	0,20	0,40	0,8	1,5	2,5	0,20	0,25	0,45	1,0	2,0	4,5
SN.. 120412	0,15	0,20	0,40	1,2	1,8	2,5	0,25	0,30	0,50	1,2	2,0	5,0
SN.. 120416												
SN.. 150608												
SN.. 150612												
SN.. 150616												
SN.. 190612												
SN.. 190616												
SN.. 190624												
SN.. 250724												
SN.. 250924												
TN.. 110304												
TN.. 110308												
TN.. 160404	0,05	0,15	0,25	0,4	1,0	2,0						
TN.. 160408	0,10	0,15	0,35	0,8	1,5	2,5	0,15	0,25	0,40	1,0	2,0	4,5
TN.. 160412							0,20	0,30	0,50	1,2	2,0	4,5
TN.. 220404												
TN.. 220408												
TN.. 220412												
TN.. 220416												
VN.. 160404	0,08	0,10	0,20	0,4	1,0	2,0						
VN.. 160408	0,10	0,15	0,30	0,8	1,5	2,5	0,15	0,25	0,40	1,0	1,5	4,0
VN.. 160412												
WN.. 060404	0,05	0,15	0,25	0,4	1,0	2,0						
WN.. 060408	0,10	0,20	0,30	0,8	1,5	2,5	0,15	0,25	0,40	1,0	1,5	3,5
WN.. 060412							0,20	0,30	0,45	1,2	1,5	4,0
WN.. 080404	0,05	0,15	0,25	0,4	1,0	2,0						
WN.. 080408	0,10	0,20	0,35	0,8	1,5	2,5	0,15	0,25	0,40	1,0	2,0	4,5
WN.. 080412							0,20	0,30	0,50	1,2	2,0	5,0
WN.. 080416												

← Sharp stable →

The data shows reference values. An adjustment to the actual conditions may be required.


Designation	-M60						-M34						-M42					
	f			a _p			f			a _p			f			a _p		
	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.
	mm/rev.			mm			mm/rev.			mm			mm/rev.			mm		
CN.. 090304																		
CN.. 090308																		
CN.. 120404							0,08	0,12	0,18	1,0	1,5	3,0	0,1	0,2	0,25	0,8	1,5	4,0
CN.. 120408	0,25	0,30	0,50	1,5	2,5	6,0	0,10	0,15	0,35	1,0	1,8	3,5	0,2	0,3	0,44	1,0	2,5	4,0
CN.. 120412	0,30	0,35	0,55	2,0	3,0	6,0	0,13	0,20	0,40	1,5	2,0	4,0	0,28	0,35	0,55	1,2	3,0	4,2
CN.. 120416	0,30	0,40	0,60	2,0	3,0	6,0	0,15	0,25	0,45	2,0	3,0	4,5						
CN.. 160608																		
CN.. 160612	0,30	0,35	0,55	2,0	3,0	8,0												
CN.. 160616																		
CN.. 160624																		
CN.. 190608																		
CN.. 190612																		
CN.. 190616																		
CN.. 190624																		
CN.. 250924																		
DN.. 110402																		
DN.. 110404													0,15	0,25	0,3	1,0	2,0	3,5
DN.. 110408													0,2	0,3	0,4	1,2	2,5	4,0
DN.. 110412																		
DN.. 150404							0,08	0,12	0,18	0,8	1,2	2,5	0,15	0,25	0,35	1,0	2,0	4,0
DN.. 150408	0,25	0,3	0,45	1,5	2,5	6,0	0,10	0,15	0,30	1,0	1,8	3,5	0,2	0,3	0,4	1,2	2,5	5,0
DN.. 150412	0,3	0,4	0,55	1,5	2,5	6,0	0,13	0,20	0,38	1,5	2,0	4,0						
DN.. 150416																		
DN.. 150604													0,15	0,25	0,35	1,0	2,0	4,0
DN.. 150608	0,25	0,30	0,45	1,5	2,5	6,0	0,10	0,15	0,30	1,0	1,8	3,5	0,2	0,3	0,44	1,2	2,5	5,0
DN.. 150612	0,30	0,40	0,55	1,5	2,5	6,0	0,13	0,20	0,38	1,5	2,0	4,0						
DN.. 150616																		
SN.. 090308																		
SN.. 120404																		
SN.. 120408	0,30	0,35	0,50	1,5	2,0	6,0	0,15	0,25	0,40	1,0	2,0	4,0	0,15	0,25	0,4	1,0	2,0	4,5
SN.. 120412	0,30	0,40	0,55	2,0	2,5	6,0	0,15	0,25	0,45	1,5	2,5	4,5	0,2	0,25	0,45	1,0	2,0	5,0
SN.. 120416	0,30	0,40	0,60	2,0	2,5	6,0												
SN.. 150608																		
SN.. 150612																		
SN.. 150616																		
SN.. 190612																		
SN.. 190616																		
SN.. 190624																		
SN.. 250724																		
SN.. 250924																		
TN.. 110304																		
TN.. 110308																		
TN.. 160404													0,1	0,2	0,3	0,8	2,0	5,0
TN.. 160408	0,25	0,25	0,45	1,5	2,5	5,0	0,10	0,15	0,35	1,0	2,0	4,0	0,12	0,2	0,35	0,8	2,0	5,0
TN.. 160412	0,30	0,30	0,55	2,0	2,5	5,5												
TN.. 220404							0,10	0,15	0,35	1,0	2,0	4,0						
TN.. 220408							0,13	0,20	0,40	1,5	2,5	4,0						
TN.. 220412																		
TN.. 220416							0,15	0,25	0,45	2,0	2,5	4,5						
VN.. 160404							0,07	0,10	0,18	0,8	1,2	2,0						
VN.. 160408							0,10	0,15	0,20	1,0	1,5	2,5						
VN.. 160412							0,13	0,18	0,25	1,5	1,8	3,0						
WN.. 060404													0,1	0,22	0,35	0,5	1,0	3,0
WN.. 060408	0,25	0,30	0,45	1,5	2,0	4,0							0,1	0,22	0,35	0,5	1,0	3,0
WN.. 060412	0,30	0,35	0,50	2,0	2,5	4,5												
WN.. 080404													0,1	0,2	0,35	0,4	1,5	4,0
WN.. 080408	0,25	0,30	0,50	1,5	2,0	5,0	0,10	0,15	0,35	1,0	2,0	4,0	0,15	0,25	0,4	0,8	1,5	4,0
WN.. 080412	0,30	0,35	0,55	2,0	2,5	5,5	0,13	0,20	0,40	1,5	2,0	4,0	0,2	0,3	0,45	1,0	2,0	4,0
WN.. 080416																		



Cutting data values for positive inserts

Designation	-CF05						-SF					
	f			a _p			f			a _p		
	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.
	mm/rev.			mm			mm/rev.			mm		
CC.. 060200							0,02	0,035	0,05	0,1	0,4	1,5
CC.. 060201							0,02	0,035	0,05	0,2	0,4	1,5
CC.. 060202	0,03	0,08	0,12	0,1	0,3	1,3	0,03	0,1	0,15	0,2	0,4	1,5
CC.. 060204	0,05	0,10	0,12	0,1	0,3	1,3	0,05	0,1	0,2	0,2	0,6	1,5
CC.. 060208							0,05	0,125	0,2	0,2	1	1,5
CC.. 09T300							0,02	0,035	0,05	0,2	0,75	2
CC.. 09T301							0,02	0,035	0,05	0,2	0,75	2
CC.. 09T302	0,03	0,08	0,12	0,1	0,3	1,3	0,05	0,075	0,1	0,2	0,75	2
CC.. 09T304	0,05	0,10	0,22	0,2	0,4	1,3	0,05	0,12	0,2	0,2	0,75	2
CC.. 09T308	0,06	0,13	0,25	0,2	0,4	1,3	0,05	0,125	0,25	0,4	1	2
CC.. 09T312												
CC.. 120402							0,05	0,075	0,1	0,2	0,8	2,5
CC.. 120404							0,05	0,12	0,2	0,2	1	2,5
CC.. 120408							0,08	0,15	0,25	0,4	1	2,5
CC.. 120412							0,08	0,15	0,25	0,4	1,5	2,5
DC.. 0702005												
DC.. 070201												
DC.. 0702015												
DC.. 070202	0,03	0,08	0,12	0,1	0,3	1,3	0,03	0,1	0,15	0,1	0,4	1,5
DC.. 070204	0,05	0,10	0,22	0,2	0,4	1,3	0,05	0,12	0,2	0,2	0,6	1,5
DC.. 070208												
DC.. 11T3005												
DC.. 11T301												
DC.. 11T3015												
DC.. 11T302	0,03	0,08	0,12	0,1	0,3	1,3						
DC.. 11T304	0,05	0,10	0,22	0,2	0,4	1,3	0,05	0,12	0,2	0,2	0,7	2
DC.. 11T308	0,06	0,13	0,25	0,2	0,4	1,3	0,08	0,15	0,25	0,4	1	2
DC.. 11T312												
RC.. 0602MO												
RC.. 0803MO												
RC.. 1003MO												
RC.. 1204MO												
RC.. 1606MO												
RC.. 2006MO												
RC.. 2507MO												
SC.. 09T304	0,05	0,10	0,22	0,2	0,4	1,3	0,05	0,12	0,2	0,2	0,7	2
SC.. 09T308	0,06	0,13	0,25	0,2	0,4	1,3	0,08	0,15	0,25	0,4	1	2
SC.. 120408							0,08	0,15	0,25	0,4	1	2,5
SC.. 120412												
TC.. 090204												
TC.. 110202	0,03	0,08	0,12	0,1	0,3	1,3						
TC.. 110204	0,05	0,10	0,22	0,2	0,4	1,3	0,05	0,12	0,2	0,2	0,7	2
TC.. 110208	0,06	0,13	0,25	0,2	0,4	1,3	0,08	0,15	0,25	0,4	1	2
TC.. 16T302												
TC.. 16T304	0,05	0,10	0,22	0,2	0,4	1,3	0,05	0,12	0,2	0,2	0,8	2,5
TC.. 16T308							0,08	0,15	0,25	0,4	1	2,5
TC.. 16T312												
TC.. 220408												
VC.. 1103005												
VC.. 110301												
VC.. 1103015												
VC.. 110302	0,03	0,06	0,12	0,1	0,3	1,3	0,02	0,08	0,15	0,1	0,4	1,5
VC.. 110304	0,05	0,08	0,22	0,2	0,4	1,3	0,05	0,1	0,2	0,2	0,6	1,5
VC.. 110308							0,08	0,12	0,22	0,4	1	1,5
VC.. 160402												
VC.. 160404	0,05	0,08	0,22	0,2	0,4	1,3	0,05	0,1	0,2	0,2	0,7	2
VC.. 160408	0,06	0,10	0,22	0,2	0,4	1,3	0,08	0,12	0,22	0,4	1	2
VC.. 160412												
VC.. 220530												
WC.. 020102							0,02	0,075	0,1	0,1	0,4	1
WC.. 020104							0,02	0,1	0,2	0,1	0,6	1,5

Sharp ← → stable

 The data shows reference values. An adjustment to the actual conditions may be required.

Designation	-CF55						-SMF						-SM					
	f			a _p			f			a _p			f			a _p		
	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.
	mm/rev.			mm			mm/rev.			mm			mm/rev.			mm		
CC.. 060200																		
CC.. 060201																		
CC.. 060202												0,04	0,12	0,2	0,2	0,6	2,5	
CC.. 060204	0,05	0,12	0,22	0,2	0,5	1,3	0,07	0,15	0,25	0,3	0,7	2	0,08	0,17	0,3	0,4	0,8	2,5
CC.. 060208							0,1	0,17	0,27	0,6	1	2	0,12	0,2	0,35	0,8	1	2,5
CC.. 09T300																		
CC.. 09T301																		
CC.. 09T302																		
CC.. 09T304	0,05	0,12	0,22	0,2	0,5	1,3	0,07	0,15	0,25	0,3	0,8	2,5	0,08	0,17	0,3	0,4	1	3
CC.. 09T308	0,06	0,15	0,25	0,2	0,5	1,3	0,1	0,17	0,27	0,6	1	2,5	0,12	0,2	0,35	0,8	1,2	3
CC.. 09T312													0,15	0,22	0,4	1,2	1,5	3
CC.. 120402																		
CC.. 120404	0,05	0,12	0,22	0,2	0,5	1,3	0,07	0,15	0,25	0,3	1	3	0,08	0,17	0,3	0,4	1,2	3,5
CC.. 120408							0,1	0,17	0,27	0,6	1,2	3	0,12	0,2	0,35	0,8	1,5	3,5
CC.. 120412													0,15	0,22	0,4	1,2	2	3,5
DC.. 0702005																		
DC.. 070201																		
DC.. 0702015																		
DC.. 070202	0,03	0,10	0,12	0,1	0,4	1,3							0,04	0,12	0,2	0,2	0,6	2,5
DC.. 070204	0,05	0,12	0,22	0,2	0,5	1,3	0,07	0,15	0,25	0,3	0,7	2	0,08	0,17	0,3	0,4	0,8	2,5
DC.. 070208							0,1	0,17	0,27	0,6	1	2	0,12	0,2	0,3	0,8	1	2,5
DC.. 11T3005																		
DC.. 11T301																		
DC.. 11T3015																		
DC.. 11T302																		
DC.. 11T304	0,05	0,12	0,22	0,2	0,5	1,3	0,07	0,15	0,25	0,3	0,8	2,5	0,8	0,17	0,3	0,4	1	3
DC.. 11T308	0,06	0,15	0,25	0,2	0,5	1,3	0,1	0,17	0,27	0,6	1,2	2,5	0,12	0,2	0,35	0,8	1,2	3
DC.. 11T312													0,15	0,22	0,4	1,2	1,7	3
RC.. 0602MO													0,2	0,3	0,5	0,2	0,5	1,5
RC.. 0803MO													0,2	0,3	0,6	0,2	0,6	2
RC.. 1003MO													0,25	0,4	0,7	0,2	0,7	2,5
RC.. 1204MO													0,3	0,5	0,8	0,2	0,8	3
RC.. 1606MO							0,15	0,3	0,6	0,25	2	3,5	0,4	0,6	1	0,3	1	3,5
RC.. 2006MO													0,5	0,8	1,2	0,4	1,2	4
RC.. 2507MO													0,6	0,9	1,4	0,6	2	5
SC.. 09T304	0,05	0,12	0,22	0,2	0,5	1,3	0,07	0,15	0,25	0,3	0,8	2,5	0,08	0,17	0,3	0,4	1	3
SC.. 09T308	0,06	0,15	0,25	0,2	0,5	1,3	0,1	0,17	0,27	0,6	1	2,5	0,12	0,2	0,35	0,8	1,2	3
SC.. 120408							0,1	0,17	0,27	0,6	1,2	3	0,12	0,2	0,35	0,8	1,5	3,5
SC.. 120412													0,15	0,22	0,4	1,2	2	3,5
TC.. 090204													0,08	0,12	0,2	0,4	0,8	2
TC.. 110202													0,08	0,1	0,2	0,4	0,6	3
TC.. 110204	0,05	0,12	0,22	0,2	0,5	1,3							0,12	0,2	0,35	0,8	1,2	3
TC.. 110208							0,1	0,17	0,27	0,6	1	2,5	0,12	0,2	0,35	0,8	1,2	3
TC.. 16T302																		
TC.. 16T304							0,07	0,15	0,25	0,3	1	3	0,08	0,17	0,3	0,4	1,2	3,5
TC.. 16T308	0,06	0,15	0,25	0,2	0,5	1,3	0,1	0,17	0,27	0,6	1,2	3	0,12	0,2	0,35	0,8	1,5	3,5
TC.. 16T312													0,15	0,22	0,4	1,2	1,7	3,5
TC.. 220408													0,12	0,2	0,35	0,8	2,5	6
VC.. 1103005																		
VC.. 110301																		
VC.. 1103015																		
VC.. 110302							0,05	0,1	0,18	0,2	0,5	2						
VC.. 110304	0,05	0,10	0,22	0,2	0,5	1,3	0,07	0,15	0,23	0,3	0,7	2						
VC.. 110308																		
VC.. 160402																		
VC.. 160404	0,05	0,10	0,22	0,2	0,5	1,3	0,07	0,15	0,23	0,3	0,8	2,5	0,08	0,17	0,25	0,4	1	3
VC.. 160408	0,06	0,12	0,22	0,2	0,5	1,3	0,1	0,17	0,27	0,6	1	2,5	0,12	0,2	0,3	0,8	1,2	3
VC.. 160412													0,15	0,22	0,32	1,2	1,5	3
VC.. 220530																		
WC.. 020102																		
WC.. 020104																		




Information on the cutting data of chip breakers not included in this overview, can be found on → Page 211–217

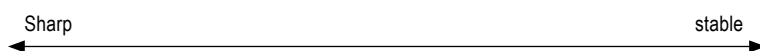
Cutting data values for positive inserts


Designation	-SMQ						-M25					
	f			a _p			f			a _p		
	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.
	mm/rev.			mm			mm/rev.			mm		
CC.. 060200												
CC.. 060201												
CC.. 060202												
CC.. 060204							0,06	0,13	0,20	0,2	1,1	2,0
CC.. 060208												
CC.. 09T300												
CC.. 09T301												
CC.. 09T302												
CC.. 09T304	0,10	0,25	0,4	0,4	2	4	0,06	0,14	0,22	0,2	1,2	2,2
CC.. 09T308	0,15	0,30	0,5	0,8	2	4	0,10	0,20	0,30	0,4	1,8	3,2
CC.. 09T312												
CC.. 120402												
CC.. 120404	0,10	0,25	0,4	0,4	2	4						
CC.. 120408	0,15	0,30	0,5	0,8	2	4						
CC.. 120412												
DC.. 0702005												
DC.. 070201												
DC.. 0702015												
DC.. 070202							0,04	0,09	0,13	0,1	0,9	1,6
DC.. 070204	0,10	0,18	0,25	0,4	1,5	3	0,06	0,12	0,18	0,2	1,1	2,0
DC.. 070208												
DC.. 11T3005												
DC.. 11T301												
DC.. 11T3015												
DC.. 11T302							0,04	0,10	0,16	0,1	1,1	2,0
DC.. 11T304	0,10	0,25	0,4	0,4	2	4	0,06	0,14	0,22	0,2	1,2	2,2
DC.. 11T308	0,15	0,30	0,5	0,8	2	4	0,10	0,20	0,30	0,4	1,8	3,2
DC.. 11T312												
RC.. 0602MO												
RC.. 0803MO												
RC.. 1003MO												
RC.. 1204MO												
RC.. 1606MO												
RC.. 2006MO												
RC.. 2507MO												
SC.. 09T304												
SC.. 09T308												
SC.. 120408												
SC.. 120412												
TC.. 090204												
TC.. 110202												
TC.. 110204							0,06	0,13	0,20	0,2	1,2	2,2
TC.. 110208												
TC.. 16T302												
TC.. 16T304							0,06	0,14	0,22	0,2	1,6	3,0
TC.. 16T308							0,10	0,20	0,30	0,4	1,9	3,4
TC.. 16T312												
TC.. 220408												
VC.. 1103005												
VC.. 110301												
VC.. 1103015												
VC.. 110302												
VC.. 110304												
VC.. 110308												
VC.. 160402												
VC.. 160404							0,06	0,13	0,20	0,2	1,2	2,2
VC.. 160408							0,10	0,15	0,25	0,4	1,4	3,0
VC.. 160412												
VC.. 220530												
WC.. 020102												
WC.. 020104												

Sharp ← → stable

 The data shows reference values. An adjustment to the actual conditions may be required.

Designation	-M55						-F05					
	f			a _p			f			a _p		
	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.
	mm/rev.			mm			mm/rev.			mm		
CC.. 060200												
CC.. 060201							0,02	0,03	0,05	0,1	1	2
CC.. 060202							0,02	0,05	0,1	0,1	1	2
CC.. 060204	0,06	0,13	0,20	0,4	1,5	2,6	0,02	0,1	0,2	0,1	1	2
CC.. 060208												
CC.. 09T300												
CC.. 09T301												
CC.. 09T302												
CC.. 09T304	0,08	0,16	0,24	0,4	1,7	3,0						
CC.. 09T308	0,12	0,24	0,35	0,8	2,4	4,0						
CC.. 09T312												
CC.. 120402												
CC.. 120404	0,08	0,18	0,28	0,4	2,2	4,0						
CC.. 120408	0,12	0,26	0,40	0,8	2,8	4,8						
CC.. 120412												
DC.. 0702005							0,02	0,025	0,04	0,1	1	2
DC.. 070201							0,02	0,03	0,05	0,1	1	2
DC.. 0702015							0,02	0,04	0,075	0,1	1	2
DC.. 070202							0,02	0,05	0,1	0,1	1	2
DC.. 070204	0,06	0,14	0,22	0,4	1,3	2,2						
DC.. 070208	0,08	0,16	0,24	0,8	1,6	2,4						
DC.. 11T3005							0,02	0,025	0,04	0,1	1,25	2,5
DC.. 11T301							0,02	0,03	0,05	0,1	1,25	2,5
DC.. 11T3015							0,02	0,04	0,075	0,1	1,25	2,5
DC.. 11T302							0,02	0,075	0,1	0,1	1,25	2,5
DC.. 11T304	0,08	0,16	0,24	0,4	1,7	3,0	0,02	0,1	0,25	0,1	1,25	2,5
DC.. 11T308	0,12	0,24	0,35	0,8	2,4	4,0						
DC.. 11T312												
RC.. 0602MO												
RC.. 0803MO												
RC.. 1003MO												
RC.. 1204MO												
RC.. 1606MO												
RC.. 2006MO												
RC.. 2507MO												
SC.. 09T304	0,12	0,24	0,35	0,8	2,4	4,0						
SC.. 09T308	0,12	0,26	0,40	0,8	2,8	4,8						
SC.. 120408												
SC.. 120412												
TC.. 090204	0,06	0,12	0,18	0,4	1,3	2,2						
TC.. 110202												
TC.. 110204	0,06	0,14	0,22	0,4	1,4	2,4						
TC.. 110208												
TC.. 16T302												
TC.. 16T304												
TC.. 16T308	0,12	0,24	0,35	0,8	2,6	4,4						
TC.. 16T312												
TC.. 220408												
VC.. 1103005							0,02	0,025	0,04	0,1	1,25	2,5
VC.. 110301							0,02	0,03	0,05	0,1	1,25	2,5
VC.. 1103015							0,02	0,04	0,075	0,1	1,25	2,5
VC.. 110302							0,02	0,075	0,1	0,1	1,25	2,5
VC.. 110304							0,02	0,15	0,25	0,1	1,25	2,5
VC.. 110308												
VC.. 160402												
VC.. 160404	0,08	0,14	0,20	0,4	1,7	3,0						
VC.. 160408	0,12	0,21	0,30	0,8	2,1	3,4						
VC.. 160412												
VC.. 220530												
WC.. 020102												
WC.. 020104												



 Information on the cutting data of chip breakers not included in this overview, can be found on → Page 211–217

Diamond as a cutting material



Ensures

- ▲ optimal surface quality
- ▲ burr-free workpieces
- ▲ high service lives
- ▲ lowest cutting forces
- ▲ high Process Security

Complete programme of roughing, finishing and Trailing edge inserts for machining aluminium, non ferrous metals, plastics, ...

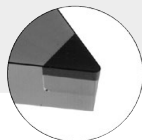
The cutting materials

	CTD CD10 (CVD)	CTD PD20 (PKD)	CTD PU20 (PKD)	CTD PS30 (PKD)
	Fine grain Size (N10)	Fine grain grade (N20)	Coarse grain grade (N20)	Coarse grain Size (N30)
Properties	<ul style="list-style-type: none"> ▲ perfect sharp edges ▲ no cutting pressure ▲ very close tolerances ▲ highest abrasion resistance with highest toughness ▲ very high heat conductivity 	<ul style="list-style-type: none"> ▲ high sharpness ▲ lower cutting pressure than PDC-S ▲ close tolerance ▲ lower abrasion resistance with increased toughness 	<ul style="list-style-type: none"> ▲ very sharp cutting edge ▲ reduced cutting pressure ▲ tight tolerances ▲ very high level of wear resistance and toughness 	<ul style="list-style-type: none"> ▲ high sharpness ▲ lower cutting pressure ▲ close tolerance ▲ lower abrasion resistance than with the PDC, with increased toughness
Material	suitable for superfinishing and semi-finishing of all non ferrous metals and NE-composite materials with small to high levels of abrasiveness	suitable for fine machining of all NE-materials with low abrasiveness	suitable for finishing to roughing non-ferrous metals and non-ferrous materials with highly abrasive alloying element. High chip removal on fibre-reinforced plastics such as CFRP and GFRP.	suitable for fine machining of all NE-materials and non-ferrous metals with low to very high levels of abrasiveness

Cutting Geometries

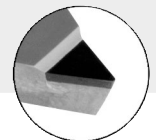
Neutral rake angle:

- ▲ higher cutting force
- ▲ higher temperature
- ▲ improved surface quality
- ▲ for stable workpieces



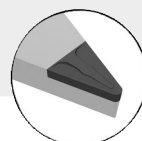
Positive rake angle: 5° / 7°

- ▲ lower cutting force
- ▲ lower temperature
- ▲ reduction in surface quality
- ▲ for unstable workpieces
- ▲ improved accuracy



CB chip breaker geometries:





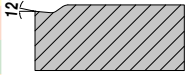

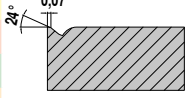

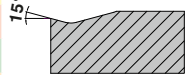

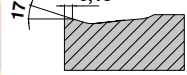

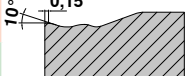
- ▲ reliable chip control
- ▲ ideal for low-alloy aluminium
- ▲ For F | M | R applications



Notes on diamond usage





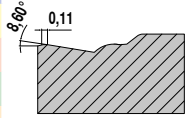
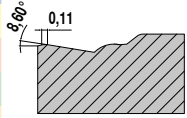
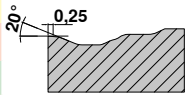

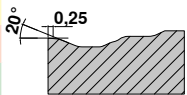
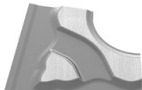
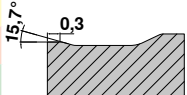
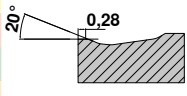
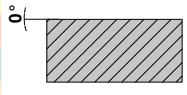

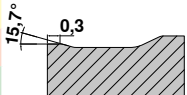
- ▲ Coolant is not generally needed, however it facilitates chip removal
- ▲ Note the chemical reaction to carbide-forming elements (PCD)
- ▲ Note the thermal interaction and critical temperature:
PCD: 600 °C, CVD: 700 °C
Depending on the material, use cooling.

Standard chip breakers / application notes

Negative	Model	Smooth cut	Irregular cutting depth	Interrupted cut	Sectional illustration		Geometry
					a _p mm	f mm	
-CF / -CF20 ▲ Fine finishing ▲ Sharp cutting edge for low cutting forces ▲ Good chip control even at small depths of cut	 F	CTEP110 / TCM10			 12°	CN.. DN.. TN.. WN..	
		CTEP110 / TCM10					
		CTEP110 / TCM10					
					0,30–1,50	0,07–0,25	
-F40 ▲ Fine turning chip breaker for machining steels ▲ Good chip control ▲ Ideal for copy turning work	 F	CTCP125-P	CTCP125-P		 24° 0,07	VN..	
		CTCP125-P	CTCP125-P				
					0,50–2,00	0,10–0,30	
-F50 ▲ Fine turning chip breaker for fine machining ▲ Steel and stainless steels ▲ Excellent chip control ▲ High surface quality	 F	CTCP115-P / CTCP125-P	CTCP115-P / CTCP125-P / CTCP135-P	CTCP135-P	 15°	CN.. DN.. SN.. TN.. VN.. WN..	
			CTCP135-P	CTCP135-P			
					0,10–2,60	0,06–0,35	
-TFQ ▲ Wiper geometry ▲ Finishing to medium machining ▲ Very high feeds ▲ High surface quality	 F	CTEP110 / CTCP115-P	CTCP115-P / CTCP125-P		 17° 0,15	CN.. DN.. WN..	
		CTEP110					
		CTEP110 / CTCP115-P	CTCP115-P / CTCP125-P				
					0,50–5,00	0,10–0,60	
-XU ▲ Finishing to light roughing ▲ Universal chip breaker ▲ Copy turning ▲ Excellent chip formation ▲ Low cutting forces	 M	CTCP115-P / CTCP125-P	CTCP115-P / CTCP125-P	CTCP125-P	 10° 0,15	CN.. DN.. VN.. WN..	
		CTCP115-P	CTCP115-P / CTCP125-P				
					0,40–4,50	0,12–0,40	

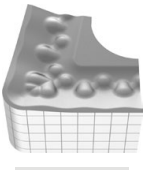
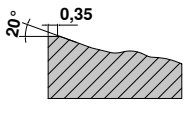

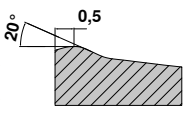

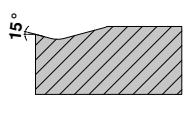

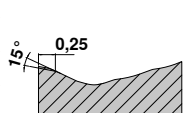

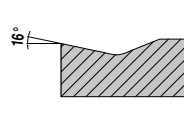

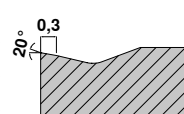
Main application steel and cast iron, secondary application stainless steels

Standard chip breakers / application notes





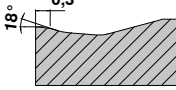

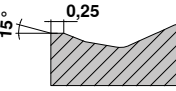

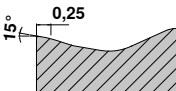

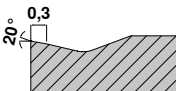
Negative	Model	Smooth cut	Irregular cutting depth	Interrupted cut	Sectional illustration		Geometry
					a _p mm	f mm	
<p>-M40</p> <ul style="list-style-type: none"> ▲ Stable geometry ▲ Medium feed rates ▲ Can be used for any application ▲ Good chip control 	 M	CTCP125-P	CTCP125-P		 8,60°, 0,11	VN..	
		CTCP125-P	CTCP125-P				
					0,50–3,00	0,10–0,35	
<p>-M50</p> <ul style="list-style-type: none"> ▲ Medium machining ▲ First choice for steel machining ▲ Universal application ▲ Wide range of applications 	 M	CTCP115-P / CTCP125-P / CTCK110 / CTCK120	CTCP115-P / CTCP125-P	CTCP125-P / CTCP135-P	 20°, 0,25	CN.. DN.. SN.. TN.. VN.. WN..	
		CTCP115-P	CTCP125-P	CTCP135-P			
		CTCP115-P / CTCP125-P / CTCK110 / CTCK120	CTCP115-P / CTCP125-P / CTCK110 / CTCK120	CTCP125-P / CTCK120			
					0,50–5,00	0,12–0,40	
<p>-TMQ</p> <ul style="list-style-type: none"> ▲ Wiper geometry ▲ Light to medium rough machining ▲ Very high feeds ▲ High surface quality 	 M	CTCP115-P	CTCP125-P		 20°, 0,28	CN.. DN.. WN..	
		CTCP125-P	CTCP125-P				
		CTCP125-P	CTCP125-P				
					0,80–6,00	0,20–0,85	
<p>-M70</p> <ul style="list-style-type: none"> ▲ Light to medium rough machining ▲ Cast crust and forging skin ▲ Stable cutting edge ▲ Interrupted cut ▲ Raw materials and forgings 	 M R	CTCK110 / CTCK120 / CTCP115-P	CTCP115-P / CTCP125-P	CTCP125-P / CTCP135-P	 15,7°, 0,3	CN.. DN.. SN.. TN.. WN..	
		CTCP115-P	CTCP125-P	CTCP135-P			
		CTCK110 / CTCK120 / CTCP115-P / CTCP125-P	CTCK120 / CTCP125-P	CTCP125-P / CTCK120			
					1,50–4,50	0,20–0,80	
<p>-NMA</p> <ul style="list-style-type: none"> ▲ Rough machining ▲ Stable cutting edge ▲ For short-chipping materials ▲ First choice for grey cast iron 	 R				 0°	CN.. DN.. SN.. TN.. WN..	
		CTCK110	CTCK110 / CTCK120	CTCK120			
					1,50–4,50	0,20–0,80	
<p>-R28</p> <ul style="list-style-type: none"> ▲ Single sided roughing geometry ▲ Longitudinal, face and copy turning ▲ Varying depths of cut ▲ Steels with low tensile strength (800 N / mm²) ▲ Good chip control 	 R	CTCP115-P / CTCP125-P	CTCP115-P / CTCP125-P / CTCP135-P	CTCP135-P	 20°, 0,35	CN.. DN.. SN..	
		CTCP115-P / CTCP125-P	CTCP125-P / CTCP135-P	CTCP135-P			
		CTCP115-P	CTCP125-P	CTCP135-P			
					1,00–12,00	0,25–0,80	


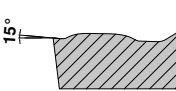
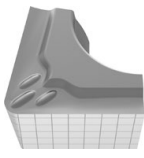
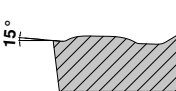

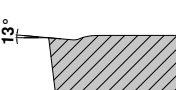
Main application steel and cast iron, secondary application stainless steels

Standard chip breakers / application notes

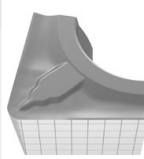
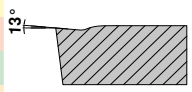
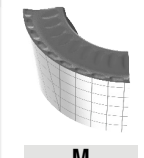
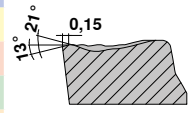

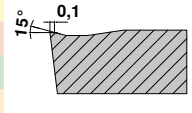

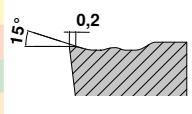
Negative		Model	Smooth cut	Irregular cutting depth	Interrupted cut	Sectional illustration		Geometry	
						a_p mm	f mm		
Main application steel and cast iron, secondary application stainless steels	-R58 ▲ Single sided roughing geometry ▲ Longitudinal and face turning ▲ Light interrupted cut ▲ Low cutting forces ▲ Unstable machines		CTCP115-P / CTCP125-P	CTCP115-P / CTCP125-P / CTCP135-P	CTCP135-P		1,50–12,00	0,30–1,20	CN.. DN.. SN.. TN..
			CTCP115-P / CTCP125-P	CTCP125-P / CTCP135-P	CTCP135-P				
			CTCP115-P	CTCP115-P / CTCP125-P	CTCP125-P				
Main application steel and cast iron, secondary application stainless steels	-R88 ▲ Single sided roughing geometry ▲ Longitudinal and face turning ▲ High feedrate ▲ Large depths of cut ▲ Heavily interrupted cut		CTCP115-P / CTCP125-P	CTCP115-P / CTCP125-P / CTCP135-P	CTCP135-P		3,50–16,00	0,50–1,50	SN..
			CTCP115-P / CTCP125-P	CTCP115-P / CTCP125-P	CTCP135-P				
			CTCP115-P	CTCP115-P / CTCP125-P	CTCP125-P				
Main application stainless steels, secondary application steel and super alloys	-F30 ▲ Finishing of stainless steels ▲ Continuous cut ▲ High surface quality ▲ Good swarf control		CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130		0,08–2,5	0,10–0,35	CN.. DN.. SN.. TN.. VN.. WN..
			CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130				
Main application stainless steels, secondary application steel and super alloys	-M30 ▲ Option for stainless steel machining ▲ Good swarf control ▲ Little edg build up ▲ Low cutting forces ▲ Little built-up edge ▲ Applicable on unstable machines		CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130		1,00–4,50	0,15–0,40	CN.. DN.. SN.. TN.. VN.. WN..
			CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130				
Main application stainless steels, secondary application steel and super alloys	-42 ▲ Extremely soft-cutting chip breaker ▲ For small and medium widths of cut ▲ Suitable for thin-walled parts				CTCM130		0,50–4,50	0,05–0,35	CN..
					CTCM130				
					CTCM130				
Main application stainless steels, secondary application steel and super alloys	-M42 ▲ For medium machining on stainless steels ▲ As a secondary application for general steels and super alloys				CTCM130		1,00–3,50	0,15–0,40	DN.. SN.. TN.. WN..
					CTCM130				
					CTCM130				

Standard chip breakers / application notes

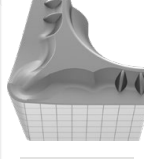
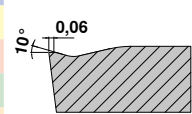

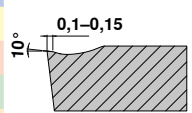

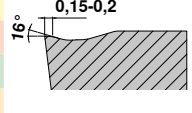
Negative		Model	Smooth cut	Irregular cutting depth	Interrupted cut	Sectional illustration		Geometry	
						a_p mm	f mm		
Main application super alloys, secondary application stainless steels	-M60	 M R	CTCM120 / CTPM125 CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130 CTCM120 / CTPM125 / CTCM130	CTCM130 CTCM130		1,50–6,00	0,25–0,50	CN.. DN.. SN.. TN.. WN..
	-F34	 F	CTPX710 CTPX710	CTPX710 CTPX710			0,50–2,50	0,08–0,25	CN.. WN..
	-M34	 M	CTPX710 CTPX710	CTPX710 CTPX710			0,80–3,0	0,10–0,30	CN.. DN.. SN.. VN.. WN..
	-M42	 M	CTCM130	CTCM130	CTCM130		1,0–3,50	0,15–0,40	CN.. DN..

Positive		Main application steel and cast iron, secondary application stainless steels and super alloys							
Main application steel and cast iron, secondary application stainless steels and super alloys	-CF05	 F	CTEP110 / TCM407	TCM10 / TCM407			0,20–1,30	0,06–0,25	CC.. DC.. SC.. TC.. VC..
	-SF	 F	CTCP115-P	CTCP125-P	CTCP125-P / CTCP135-P		0,05–2,50	0,05–0,25	CC.. DC.. SC.. TC.. VC.. WC..
	-CF55	 F M	CTEP110	TCM10 / CTEP110			0,20–1,30	0,06–0,25	CC.. DC.. SC.. TC.. VC..





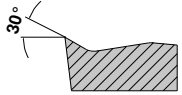
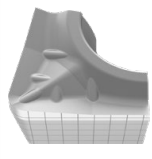
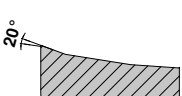
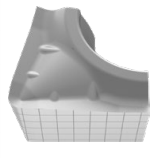
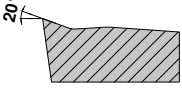

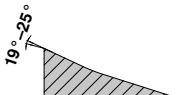
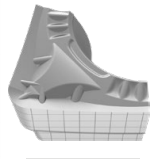
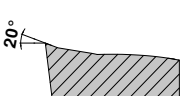
Standard chip breakers / application notes

Positive	Model	Smooth cut	Irregular cutting depth	Interrupted cut	Sectional illustration		Geometry	
					a_p mm	f mm		
Main application steel and cast iron, secondary application stainless steels and super alloys	-SMF ▲ Finishing to medium machining ▲ Low cutting forces ▲ Good swarf control ▲ High surface quality  F M	CTEP110 / CTCP115-P	TCM10 / CTCP125-P / CTCP115-P	CTCP135-P	 13°	0,20–1,30	0,06–0,25	CC.. DC.. SC.. TC.. VC..
		CTEP110	CTCP135-P	CTCP135-P				
		CTEP110						
	-M23 ▲ Soft cutting geometry with outstanding chip breaking behaviour at low cutting depths in finish machining  M R	CTCP115-P / CTCP125-P	CTCP125-P	CTCP125-P	 13° 21° 0,15	0,30–4,0	1,0–0,45	RC..
		CTCP115-P / CTCP125-P	CTCP125-P	CTCP125-P				
	-SM ▲ Medium machining ▲ Universal application ▲ Stable cutting edge ▲ Varying depths of cut ▲ Wide range of applications  M	CTCP115-P / CTCP125-P	CTCP125-P / CTCP135-P / CTCP115-P	CTCP125-P / CTCP135-P	 15° 0,1	0,05–5,00	0,15–0,45	CC.. DC.. RC.. SC.. TC.. VC..
		CTCP115-P / CTCK110 / CTCK120	CTCP135-P	CTCP135-P				
			CTCP125-P / CTCK110 / CTCK120	CTCK120				
	-SMQ ▲ Positive wiper geometry ▲ Finishing to medium machining ▲ Very high feeds ▲ High surface quality  M	CTCP115-P	CTCP125-P	CTCP125-P	 15° 0,2	1,00–4,00	0,15–0,45	CC.. DC..
CTCP125-P / CTCP115-P		CTCP125-P	CTCP125-P					

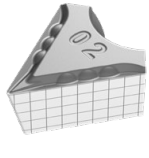
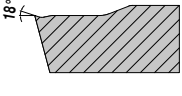
9

Positive							
-F43 ▲ For the light to medium machining of all stainless steels, general steels and superalloys  F			CTCM130	 10° 0,06	0,50–2,50	0,05–0,25	CC.. DC.. TC..
			CTCM130				
			CTCM130				
-M25 ▲ First choice for medium machining of stainless steels ▲ High surface quality ▲ Little built-up edge  F M	CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130	 10° 0,1–0,15	0,40–3,20	0,10–0,30	CC.. DC.. TC.. VC..
	CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130				
-M55 ▲ First choice for medium machining to roughing of stainless steels ▲ Smooth to lightly interrupted cut ▲ Good swarf control ▲ Stable cutting edge  M	CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130	 16° 0,15–0,2	0,40–4,80	0,06–0,35	CC.. DC.. SC.. TC.. VC..
	CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130				






Standard chip breakers / application notes

	Positive	Model	Smooth cut	Irregular cutting depth	Interrupted cut	Sectional illustration		Geometry	
						a_p mm	f mm		
Main application non-ferrous metals, secondary application stainless steels, steels, super alloys, cast iron	-23P	 F					0,2-4,0	0,05-0,3	CC.. DC..
	▲ Low adhesion		H216T	H216T	H216T				
	▲ Good chip control with soft aluminium alloys		H216T	H216T	H216T				
Main application non-ferrous metals, secondary application stainless steels, steels, super alloys, cast iron	-25P	 F M					0,50-4,50	0,05-0,60	CC.. DC.. SC.. VC..
	▲ Sharp cutting edge		CTPX710	CTPX710					
	▲ Good swarf control on soft aluminium alloys		CTPX710	CTPX710					
	▲ Low adhesion		CTPX710 / H216T	CTPX710 / H216T	CTPX710 / H216T				
			CTPX710	CTPX710					
Main application non-ferrous metals, secondary application stainless steels, steels, super alloys, cast iron	-25Q	 M					0,05-6,50	0,05-0,60	CC.. DC.. VC..
	▲ Wiper geometry		CTPX710	CTPX710					
	▲ High feeds		CTPX710	CTPX710					
	▲ High surface quality		H210T	H210T					
	▲ Good chip control with softer aluminium alloys		H210T / CTPX710	H210T / CTPX710	H210T / CTPX710				
	▲ Low adhesion		H210T / CTPX710	H210T / CTPX710					
Main application non-ferrous metals, secondary application stainless steels, steels, super alloys, cast iron	-27	 M R					1,00-10,00	0,10-0,75	CC.. DC.. RC.. SC.. TC.. VC..
	▲ The universal Alu geometry		CTPX715	CTPX715					
	▲ Sharp cutting edge		CTPX715	CTPX715					
	▲ Extremely positive rake angle		CTPX715 / H216T	CTPX715 / H216T					
	▲ Low adhesion		CTPX715 / H216T	CTPX715 / H216T	CTPX715 / H216T				
	▲ High feed rates		CTPX715	CTPX715					
Main application non-ferrous metals, secondary application stainless steels, steels, super alloys, cast iron	-29	 M R					1,00-6,00	0,25-0,60	CC.. DC.. VC..
	▲ Direct sintered aluminium geometry		CTPX710	CTPX710					
	▲ Positive rake angle		CTPX710	CTPX710					
	▲ Good chip control		H216T	H216T	H216T				
	▲ For medium to rough machining		CTPX710	CTPX710					

Positive

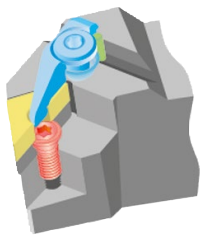
Main application super alloys and stainless steels, secondary application steels and non-ferrous metals	-F05	 F					0,10-2,50	0,02-0,25	DC.. VC..
	▲ Maximum tolerance class		CTPX710	CTPX710					
	▲ Outstanding chip control, even with the smallest cutting depths		CTPX710	CTPX710					
	▲ Very low cutting forces		CTPX710	CTPX710					
			CTPX710	CTPX710					

Supplementary chip breakers / application notes

	Model	Smooth cut	Irregular cutting depth	Interrupted cut
				
-EN ▲ Universal chip breaker for general steels		CTCP115-P	CTCP125-P	CTCP135-P
		CTCP125-P	CTCP135-P	CTCP135-P
		CTCK110	CTCK120	CTCP125-P
-ER -EL ▲ A problem solver for unstable conditions ▲ Can be used on less powerful machines ▲ Can be used for general steels and on stainless materials as a secondary application			CTCP125-P	CTCP135-P

Clamping systems

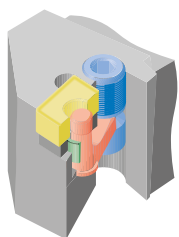
MaxiLock D



- Clamping element
- Inserts
- Insert seat
- Pin
- Screw

The first-choice tool for machining with negative centre-hole inserts. Secure and precise positioning of the indexable insert thanks to the double clamping effect of the clamping element.

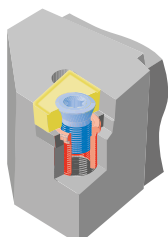
MaxiLock N



- Clamping element
- Inserts
- Insert seat
- Shim
- Lever

This clamping system is suitable for all centre-hole inserts with a negative basic shape. The clamping screw is easy to access from the top and bottom of the holder. When the clamping system is released, there are no loose spare parts.

MaxiLock S

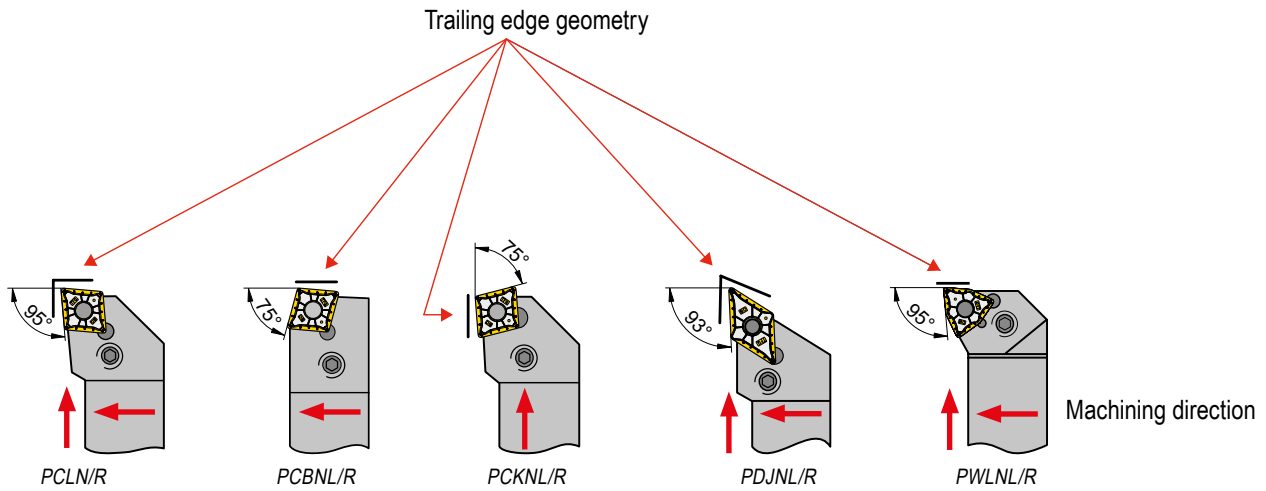


- Clamping element
- Inserts
- Insert seat
- Threaded sleeve

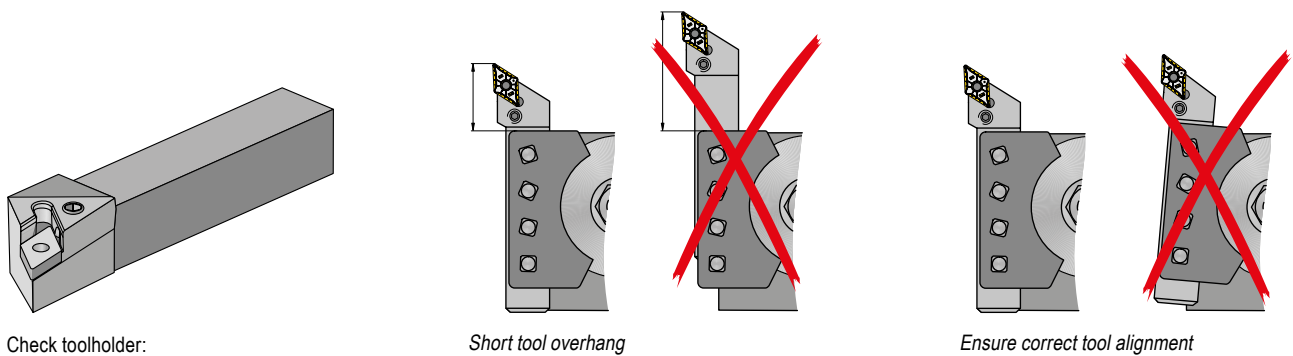
The positive screw clamping guarantees a secure connection between the indexable insert and the tool holder. The chip flow is not disrupted by protruding clamping elements. Thanks to the neutral insert position, the effective available rake angle is identical to the rake angle of the indexable insert.

Trailing edge geometry – information

High-quality surfaces can be produced inexpensively using indexable inserts with wiper geometry (-TFQ; -TMQ; -SMQ; -25Q).



All turning inserts with trailing edge are clamped in standard ISO tool holders



Check toolholder:

- ▲ Insert seat
- ▲ Shim
- ▲ Clamping Lever

Feed rate guide values for surface finish quality

Roughness range R_z in μm	R_{th}	Corresponds to R_a	Roughness index	ISO 1302	Corner radius r_c in mm and feed rate f in mm/rev.						
					RE = 0,1	RE = 0,2	RE = 0,4	RE = 0,8	RE = 1,2	RE = 1,6	RE = 2,4
63–100	$\sqrt{R_{th}63}$	12,5–25	N11	$\frac{25}{\nabla}$	0,22*	0,32*	0,45*	0,63	0,78	0,9	1,1
40–63	$\sqrt{R_{th}40}$	6,3–12,5	N10	$\frac{12,5}{\nabla}$	0,18*	0,25*	0,36	0,51	0,62	0,72	0,88
31,5–40	$\sqrt{R_{th}31,5}$	4,9–6,3	N9	$\frac{6,3}{\nabla}$	0,16*	0,22*	0,32	0,45	0,55	0,63	0,78
25–31,5	$\sqrt{R_{th}25}$	4,0–4,9			0,14*	0,2*	0,28	0,4	0,49	0,57	0,69
16–25	$\sqrt{R_{th}16}$	2,5–4,0	N8	$\frac{3,2}{\nabla}$	0,11*	0,16	0,23	0,32	0,39	0,45	0,55
10–16	$\sqrt{R_{th}10}$	1,6–2,5			0,09	0,13	0,18	0,25	0,31	0,36	0,44
6,3–10	$\sqrt{R_{th}6,3}$	1,0–1,6	N7	$\frac{1,6}{\nabla}$	0,07	0,1	0,14	0,2	0,25	0,28	0,35
4–6,3	$\sqrt{R_{th}4}$	0,8–1,0	N6	$\frac{0,8}{\nabla}$	0,06	0,08	0,11	0,16	0,2	0,23	0,28
2,5–4	$\sqrt{R_{th}2,5}$	0,4–0,8	N5	$\frac{0,4}{\nabla}$	0,04	0,06	0,09	0,13	0,15	0,18	0,22
1,6–2,5	$\sqrt{R_{th}1,6}$	0,2–0,4	N4	$\frac{0,2}{\nabla}$	0,04	0,05	0,07	0,1	0,12	0,14	0,18
1–1,6	$\sqrt{R_{th}1}$	0,1–0,2	N3	$\frac{0,1}{\nabla}$	0,03	0,04	0,06	0,08	0,1	0,11	0,14

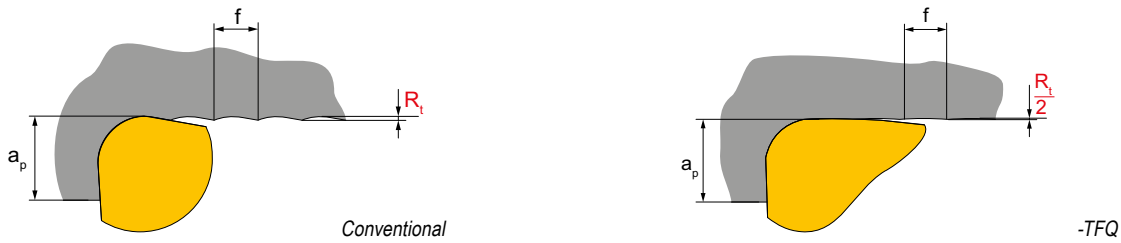
*Please ensure that the feed rate values used do not exceed the corner radius (RE).

Trailing edge geometry – operating principle

Relationship of feed rate to surface roughness

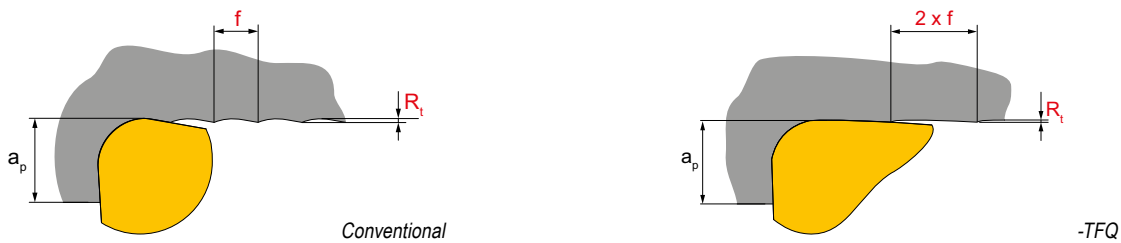
Improved Surface Quality

Given identical feed rates, the indexable insert with wiper geometry attains an R_t value that is many times better than a conventional indexable insert.



Shorter machining time

If the same R_t value is achieved as with a standard indexable insert, the indexable insert with the wiper geometry can be moved at twice the feed speed (= lower cycle times!)



9

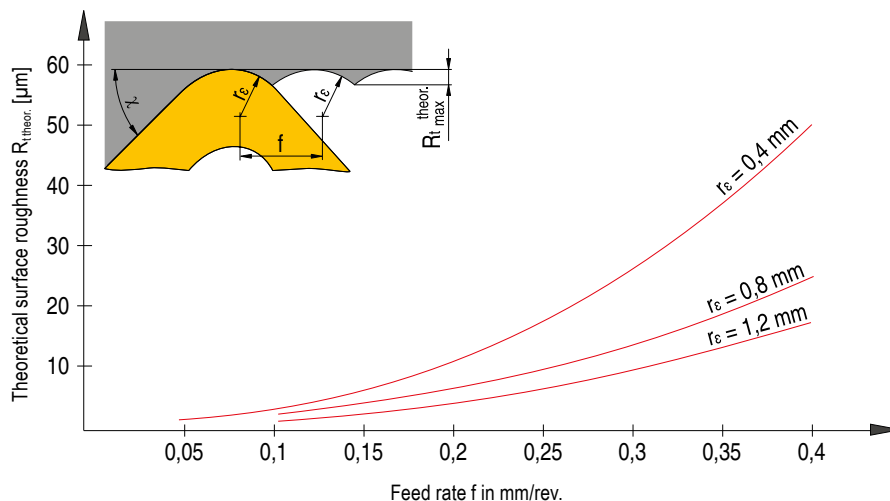
Theoretical Surface Quality

The maximum theoretical surface roughness with turning $R_{t,theor.}$ is the combination of feed rate and corner radius:

or approximately:

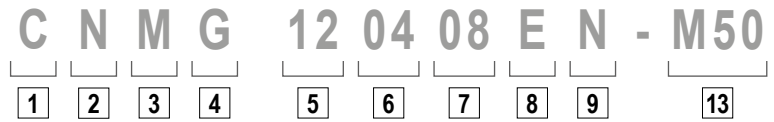
$$R_{t,theor.} = \left(r_\epsilon - \sqrt{r_\epsilon^2 - \frac{f^2}{4}} \right) \cdot 1000$$

$$R_{t,theor.} = \frac{125 \cdot f^2}{r_\epsilon} \text{ [}\mu\text{m]}$$

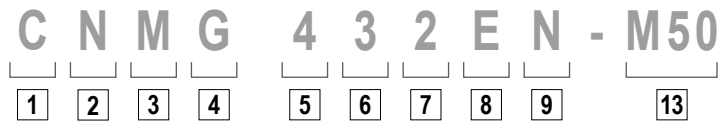


ISO designation system for inserts

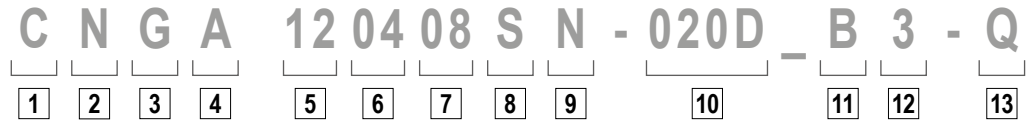
Indexable inserts – metric



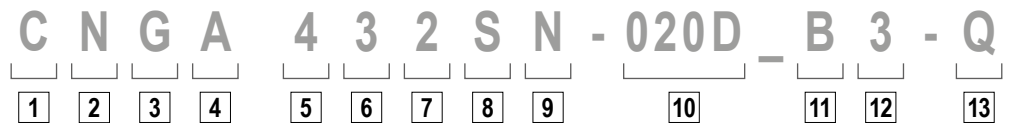
Indexable inserts – inch



Indexable inserts, CBN, ceramic – metric



Indexable inserts, CBN, ceramic – inch



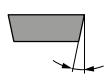
1

Insert shape

V	35°	Included angle
D	55°	
E	75°	
C	80°	
M	86°	Included angle
K	55°	
B	82°	
A	85°	Other shapes
L	90°	
P	108°	
H	120°	
O	135°	
R	-	
S	90°	
T	60°	
W	80°	

2

Clearance angle

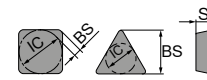


α		α	
A	3°	F	25°
B	5°	G	30°
C	7°	N	0°
D	15°	P	11°
E	20°		

O Clearance angles not included within the standard for which particular information is necessary.

3

Tolerances




	IC±		BS		S	
	mm	inch	mm	inch	mm	inch
A	0,025	.0010	0,005	.0002	0,025	.001
F	0,013	.0005	0,005	.0002	0,025	.001
C	0,025	.0010	0,013	.0005	0,025	.001
H	0,013	.0005	0,013	.0005	0,025	.001
E	0,025	.0010	0,025	.0010	0,025	.001
G	0,025	.0010	0,025	.0010	0,13	.005
J	0,05-0,15*	.002-.006*	0,005	.0002	0,025	.001
K	0,05-0,15*	.002-.006*	0,013	.0005	0,025	.001
L	0,05-0,15*	.002-.006*	0,025	.0010	0,025	.001
M	0,05-0,15*	.002-.006*	0,05-0,20*	.003-.008*	0,13	.005
N	0,05-0,15*	.002-.006*	0,05-0,20*	.003-.008*	0,025	.001
U	0,08-0,25*	.003-.010*	0,13-0,38*	.005-.015*	0,13	.005

* Depends on insert size

6


Insert thickness



mm		inch		Code	
1,59	1/16	01	1		
2,38	3/32	02	1.5		
3,18	1/8	03	2		
3,97	5/32	T3	2.5		
4,76	3/16	04	3		
5,56	7/32	05	3.5		
6,35	1/4	06	4		
7,94	5/16	07	5		
9,52	3/8	09	6		

7

Corner radius



mm		inch		Code	
≤ 0,05	.0015	00	X0		
0,1	.004	01	0		
0,2	.008	02	.5		
0,4	1/64	04	1		
0,8	1/32	08	2		
1,2	3/64	12	3		
1,6	1/16	16	4		
2,0	5/64	20	5		
2,4	3/32	24	6		
2,8	7/64	28	7		
3,2	1/8	32	8		

RN 00
RC MO

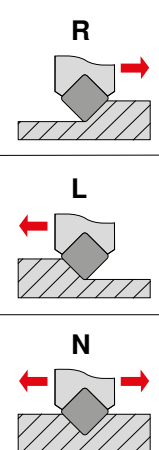
8

Cutting edge

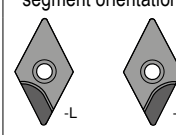
F	Sharp
E	rounded
T	chamfered
S	Chamfered and honed
K	Double-chamfered
P	Double-chamfered and honed
R	Round chamfer

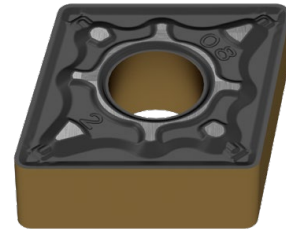
9

Direction of cut



CBN and PCD segment orientation





4

Characteristics

N		
R		
F		
A		
M, P		
G, P		
W		
T		
Q		
U		
B		
H		
C		
J		
X	Special version	

inch
Change at inscribed circle
IK < 1/4"

IK > 1/4"	IK < 1/4"
N / R / F	E
A / M / G	D
X	X

5

Cutting length

Type	ISO	ANSI	L		IC	
			mm	inch	mm	inch
C	06	2	6,4	.250	6,35	.250
	09	3	9,7	.382	9,525	.375
	12	4	12,9	.508	12,70	.500
	16	5	16,1	.634	15,875	.625
	19	6	19,3	.760	19,05	.750
	25	8	25,8	1.016	25,4	1.000
S	06	2	6,35	.250	6,35	.250
	09	3	9,525	.375	9,525	.375
	12	4	12,7	.500	12,7	.500
	15	5	15,875	.625	15,875	.625
	19	6	19,05	.750	19,05	.750
	25	8	25,4	1.000	25,4	1.000
D	07	2	7,7	.303	6,35	.250
	11	3	11,6	.457	9,525	.375
	15	4	15,5	.610	12,70	.500
V	11	2	11,1	.437	6,35	.250
	16	3	16,6	.653	9,525	.375
	22	4	22,10	.870	12,70	.500

* inch version

Type	ISO	ANSI	L		IC	
			mm	inch	mm	inch
T	06	1.2	6,9	.272	3,97	.156
	09	1.8	9,6	.378	5,56	.219
	11	2	11,0	.433	6,35	.250
	16	3	16,5	.650	9,525	.375
	22	4	22,	.079	12,70	.039
	27	5	27,5	1.083	15,875	.625
W	06	3	6,5	.256	9,525	.375
	08	4	8,7	.331	12,70	.039
	10	5	10,9	.429	15,875	.625
R	06	2	6,35	.250	6,35	.250
	08	-	8,0	.315	8,0	.315
	09	3	9,52	.375	9,52	.375
	10	-	10,0	.394	10,0	.394
	12*	-	12,0	.472	12,0	.472
	12	4	12,7	.488	12,70	.488
	15	5	15,875	.625	15,875	.625
	16	-	16,0	.630	16,0	.630
	19	6	19,05	.750	19,05	.750
	25	8	25,0	.984	25,0	.984
	25*	-	25,4	1.000	25,4	1.000
	31	10	31,75	1.250	31,75	1.250
32	-	32,0	1.260	32,0	1.260	

10

Chamfer type

T / S

K / P¹⁾

	mm	inch		
015	0,15	.006	A	05°
020	0,20	.008	B	10°
025	0,25	.010	C	15°
050	0,50	.020	D	20°
075	0,75	.030	E	25°
100	1,00	.040	F	30°
			G	35°

1) Two letters are assigned for double-chamfered cutting edges
e.g. BE =
chamfer angle 1 (y₁) = 10°
chamfer angle 2 (y₂) = 25°

11

Number of cutting edges

Single sided		Complete insert thickness	
A		T	
B		U	
C		V	
D		W	
G		X	
H		Y	
Double sided		Entire clamping flat	
K		S	
L		F	
M		E	
N			
P			
Q			

12

Segment length

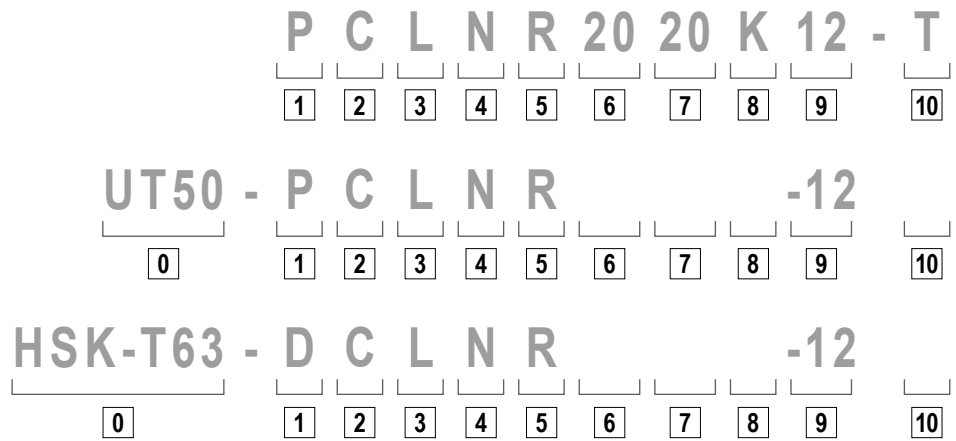
Approx. specification in mm

13

Chip breaker designation

You can find a comprehensive chip breaker overview on
→ page 211–217

ISO designation system for tool holders



0

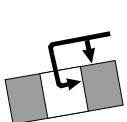
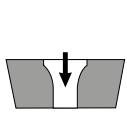
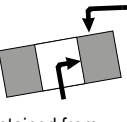
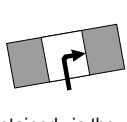
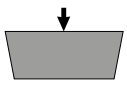
System/size

UT = UTS
according to ISO 26622
UT40 = UTS 40 mm
UT50 = UTS 50 mm
UT63 = UTS 63 mm

HSK-T
according to ISO 12164
HSK-T63 = 63 mm
HSK-T100 = 100 mm

1

Tool holder

<p>D</p>  <p>Retained from above and via bore</p>	<p>S</p>  <p>Retained via centre screw</p>
<p>M</p>  <p>Retained from above and via bore</p>	<p>P</p>  <p>Retained via the bore</p>
<p>C</p>  <p>Retained from above</p>	<p>X</p> <p>Special version</p>


2

Insert shape

V 35°	Included angle
D 55°	
E 75°	
C 80°	Included angle
M 86°	
K 55°	Included angle
B 82°	
A 85°	Other shapes
L 90°	
P 108°	
H 120°	
O 135°	
R -	
S 90°	
T 60°	
W 80°	

6


Shank height



H

7

Shank width

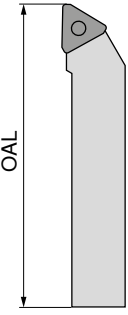


B

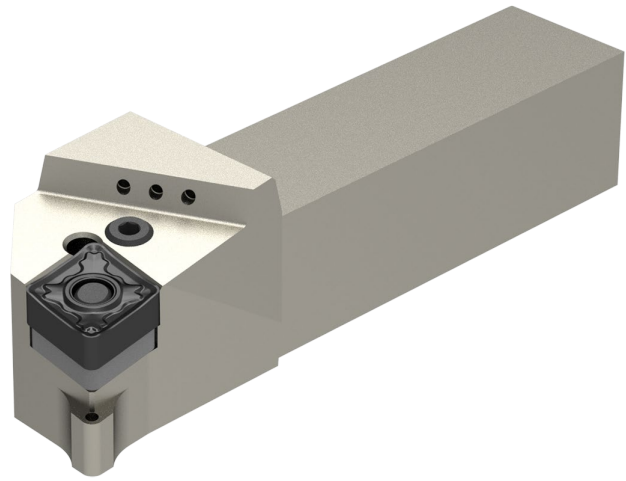
8

Tool length

OAL			OAL		
mm	inch		mm	inch	
32	4.000	A	160	4.500	N
40	4.500	B	170	5.500	P
50	5.000	C	180	-	Q
60	6.000	D	200	6.000	R
70	7.000	E	250	7.000	S
80	8.000	F	300	8.000	T
90	5.500	G	350	5.500	U
100	5.625	H	400	3.500	V
110	5.300	J	450	3.500	W
125	14.000	K	500	3.750	Y
140	6.800	L	Special version		X
150	4.400	M			



OAL



3

Style

A 90° B 75° C 90° D 45° E 60°
 F 90° G 90° H 107,5° J 93° K 75°
 L 95° M 50° N 63° P 117,5° R 75°
 S 45° T 60° U 93° V 72,5° W 60°
 Y 85°

4

Clearance angle

α		α	
A	3°	F	25°
B	5°	G	30°
C	7°	N	0°
D	15°	P	11°
E	20°		

O Clearance angles not included within the standard for which particular information is necessary.

5

Direction of cut

R

L

N

9

Cutting length

L S R

ABK T VDECM

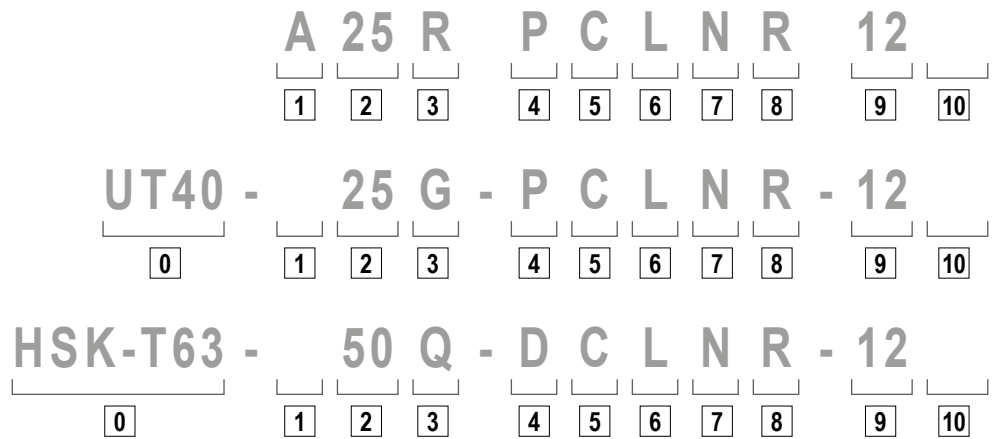
O H P W

10

Manufacturer specification

T = Toggle
 Special length (mm)
 Insert thickness (deviating from standard)
 Special version (X.)
 Machine manufacturer (specific)
 DC = DirectCooling

ISO designation system for boring bars



0

System/size

UT = UTS
according to ISO 26622
UT40 = UTS 40 mm
UT50 = UTS 50 mm
UT63 = UTS 63 mm

HSK-T
according to ISO 12164
HSK-T63 = 63 mm
HSK-T100 = 100 mm

1

Shank type

S Steel shank	E As C with coolant hole
A Steel shank with coolant hole	F As C with antivibration system
B Steel shank with antivibration system	G As C with coolant hole and antivibration system
D Steel shank with coolant hole and antivibration system	H Heavy metal
C Carbide shank with steel head	J Heavy metal with coolant hole

5

Insert shape

V 35°	Included angle
D 55°	
E 75°	
C 80°	
M 86°	
K 55°	Included angle
B 82°	
A 85°	
L 90°	Other shapes
P 108°	
H 120°	
O 135°	
R -	
S 90°	
T 60°	
W 80°	

6

Style

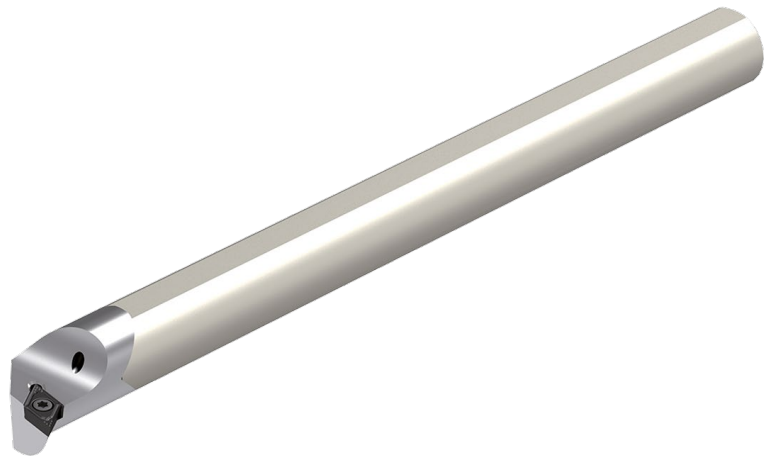
*) CERATIZIT factory standard

7

Clearance angle

A 3°	F 25°
B 5°	G 30°
C 7°	N 0°
D 15°	P 11°
E 20°	

O Clearance angles not included within the standard for which particular information is necessary.



2

Shank type & size

DCONMS mm	DCONMS inch
08	
10	
12	
16	
20	
25	
32	
40	
50	
60	

A two-digit figure indicating the boring bar diameter in 1/16 of an inch.

3

Tool length

OAL		
mm	inch	
80	3	F
100	3,5	H
110	4	J
125	4,5	K
140	5	L
150	5,5	M
160	6	N
170	6,5	P
180	6,75	Q
200	7	R
250	8	S
300	10	T
350	12	U
400	14	V
450	16	W
500	18	Y
	20	
Special version		X

4

Clamping method

<p>D</p> <p>Retained from above and via bore</p>	<p>S</p> <p>Retained via centre screw</p>
<p>M</p> <p>Retained from above and via bore</p>	<p>P</p> <p>Retained via the bore</p>
<p>C</p> <p>Retained from above</p>	<p>X</p> <p>Special version</p>

9

8

Direction of cut

R

L

9

Cutting length

10

Manufacturer specification

T = Toggle
 Special length (mm)
 Insert thickness (deviating from standard)
 Special version (X...)
 Machine manufacturer (specific)

Types of wear

Wear on clearance face



Abrasion on flank: normal wear after a certain machining time

Cause

- ▲ Too high cutting speed
- ▲ Carbide grade with too low wear resistance
- ▲ Feed rate not adapted

Remedy

- ▲ Reduce cutting speed
- ▲ Use grade with higher wear resistance
- ▲ Adapt feed rate to cutting speed and cutting depth

Edge chipping



Through excessive mechanical stress at the cutting edge fracture and chipping can occur.

Cause

- ▲ Grade with too high wear resistance
- ▲ Vibration
- ▲ Too high cutting speed and / or feed rate
- ▲ Interrupted cut
- ▲ Swarf damage

Remedy

- ▲ Use tougher grade
- ▲ Use negative cutting edge geometry with chip groove
- ▲ Improve stability (tool, work piece)

Cratering



The hot chip which is being evacuated causes cratering at the rake face of the cutting edge.

Cause

- ▲ Too high cutting speed and / or feed rate
- ▲ Rake angle too shallow
- ▲ Grade with insufficient wear resistance
- ▲ Insufficient coolant supply

Remedy

- ▲ Reduce cutting speed and / or feed rate
- ▲ Use grade with higher wear resistance
- ▲ Increase coolant quantity and / or pressure, optimise coolant supply
- ▲ Use grade which is more resistant to cratering

Plastic deformation



High machining temperature and simultaneous mechanical stress can lead to plastic deformation.

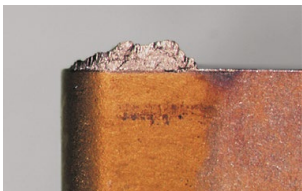
Cause

- ▲ Too high machining temperature resulting in softening of substrate
- ▲ Damage of coating
- ▲ Grade with insufficient wear resistance
- ▲ Insufficient coolant supply

Remedy

- ▲ Reduce cutting speed
- ▲ Use grade with higher wear resistance
- ▲ Provide cooling

Built-up edge



Built-up material / edges occur when the chip is not evacuated properly due to insufficient cutting temperature.

Cause

- ▲ Insufficient cutting speed
- ▲ Rake angle too shallow
- ▲ Wrong cutting material
- ▲ Lack of cooling / lubrication

Remedy

- ▲ Increase cutting speed
- ▲ Increase rake angle
- ▲ Apply TiN coating
- ▲ Use emulsion with higher concentration

Insert breakage



Excessive stress of the insert causes breakage.

Cause

- ▲ Excessive stress of cutting material
- ▲ Lack of stability
- ▲ Clearance angle too small

Remedy

- ▲ Use tougher grade
- ▲ Use protective edge chamfer
- ▲ Increase edge hone
- ▲ Use geometry with higher stability

Recommendation for Optimum Results

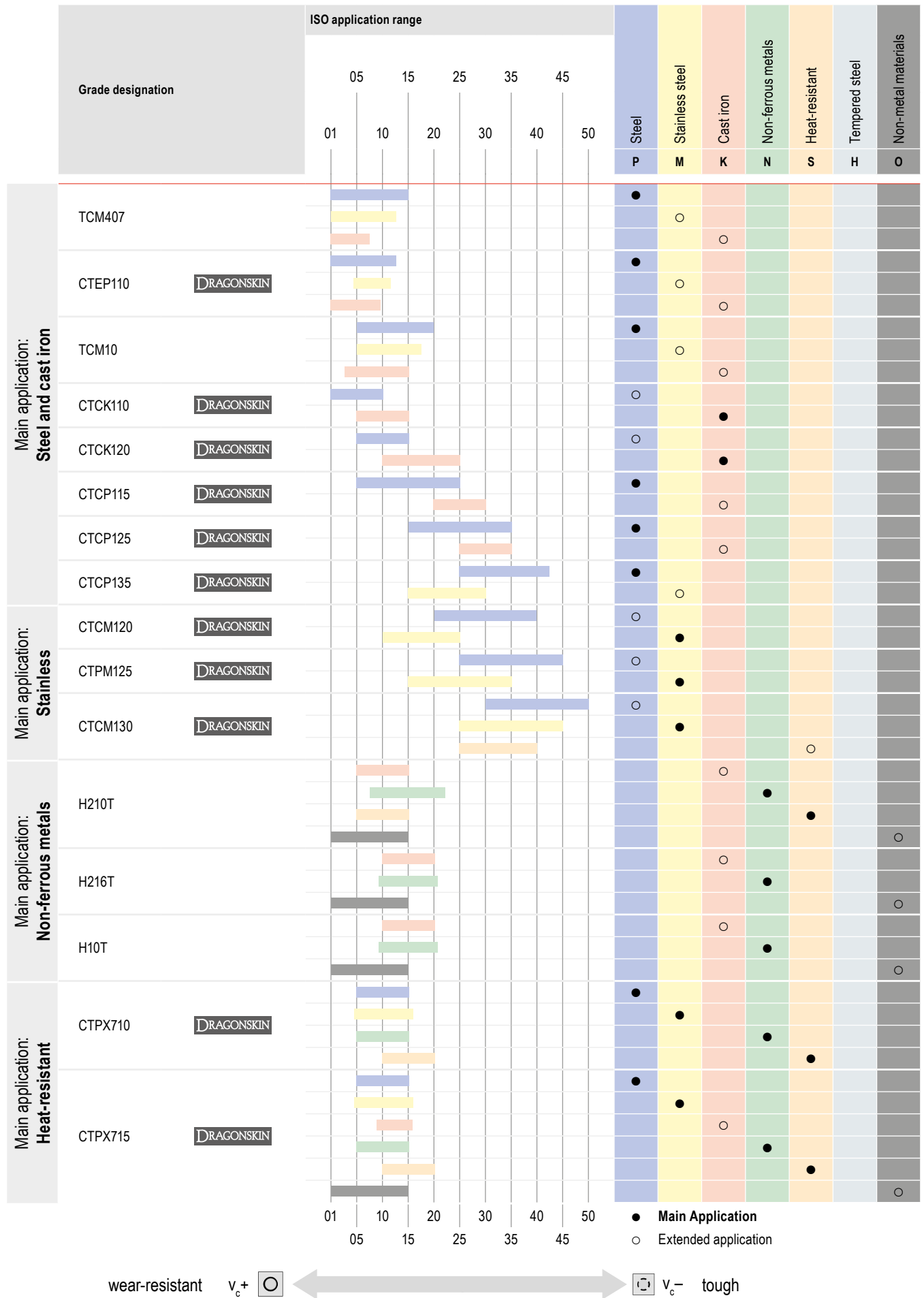
Type of problem																		
Type of wear						Work piece problems			Swarf control									
Wear on clearance face	Cratering	Edge chipping	Plastic deformation	Insert breakage	Built-up edge	Vibration	Formation of pips and burrs	Chattered surface	Surface quality	Chip too long (snarf chip)	Chip too short (fragmented chip)							
↓	↓		↓		↓	↓			↑	↓		Cutting speed		Cutting data	Remedy measures			
~		↓	↓	↓		↑		↓	↓	↑	↓	Feed rate						
↓	↓	↓	↓				↓	↓	↓			Feed rate at centre						
		↑	~		↓	~	↓	↓	↓	↓	↑	Chip groove		↑		↓	Insert selection	
↑		↑	↑	↑		↓	↓	↓	↑			Corner radius		↑		larger smaller		↓
↑	↑	↓	↑	↓								Tool Material		↑		Wear resistance toughness		↓
		~		~		~		~	~			Tool clamping				General criteria		
		~		~		~		~	~			Work piece clamping						
		~		~		~			↓			Overhang						
~		~				~	~		~			Tip height						
●	~		●		●		●		●	●		Cooling lubricant						

raise, increase large influence
 raise, increase small influence

avoid, reduce large influence
 avoid, reduce small influence

check, optimise
 use

Grades Overview

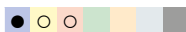


Grade description

TCM407



ISO | P10 | M05 | K05



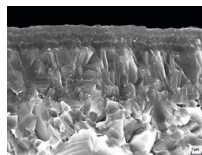
Specification:

Composition: Co 8.0%; WC 16.0%; TaNbC 10.0%; TiCN balance | Grain size: 2-3 µm | Hardness: HV30 1760

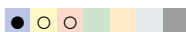
Usage recommendation:

The uncoated cermet grade for fine finishing steel materials.

CTEP110



ISO | P10 | M10 | K05



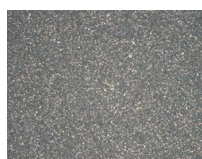
Specification:

Composition: Co/Ni 12.2%; WC 15.0%; TaNbC 10.0%; TiCN balance | Grain size: 2-3 µm | Hardness: HV30 1650 | Layer system: CVD TiCN-Al₂O₃ Multilayer

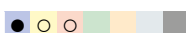
Usage recommendation:

The cermet grade with toughness reserves for finish machining at high cutting speeds.

TCM10



P15 | K10



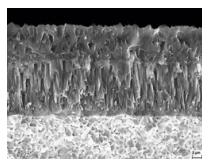
Specification:

Composition: Cermet Co/Ni 12,2%; WC 15,0%; TaNbC 10,0%; TiCN balance | Grain size: 2-3 µm | Hardness: HV₃₀ 1650

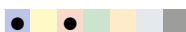
Usage recommendation:

The uncoated cermet grade for finishing steel, stainless steel and tempered steel.

CTCK110



ISO | P10 | K10



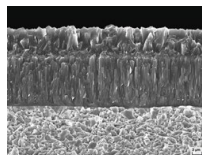
Specification:

Composition: Co 5.0%, mixed carbides 2.0%, WC balance | Grain size: 1-2 µm | Hardness: HV30 1730 | Layer system: CVD TiCN-Al₂O₃

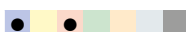
Usage recommendation:

The wear-resistant grade for machining cast iron materials and steels at high cutting speeds with a continuous cut.

CTCK120



ISO | P20 | K20



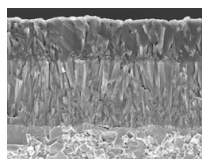
Specification:

Composition: Co 6.0%, mixed carbides 2.0%, WC balance | Grain size: 1 µm | Hardness: HV₃₀ 1630 | Layer system: CVD TiCN-Al₂O₃

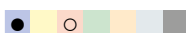
Usage recommendation:

The grade for cast iron machining with high toughness reserves for difficult conditions and interrupted cuts.

CTCP115-P



ISO | P15 | K25



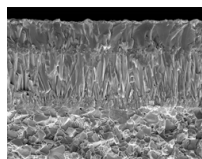
Specification:

Composition: Co 5.5%; mixed carbides 6.4%; WC balance | Grain size: 1 µm | Hardness: HV₃₀ 1530 | Layer system: CVD TiCN-Al₂O₃

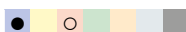
Usage recommendation:

The wear-resistant high-performance grade for steel machining with stable conditions and a continuous cut.

CTCP125-P



ISO | P25 | K30



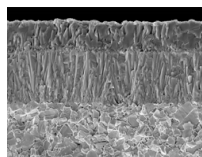
Specification:

Composition: Co 7.0%, mixed carbides 6.0%, WC balance | Grain size: 1-2 µm | Hardness: HV₃₀ 1500 | Layer system: CVD TiCN-Al₂O₃

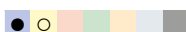
Usage recommendation:

The first choice for the universal machining of steels.

CTCP135-P



ISO | P35 | M25



Specification:

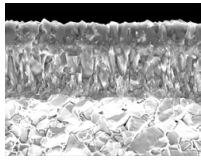
Composition: Co 9.6%, mixed carbides 7.8%, WC balance | Grain size: 1-2 µm | Hardness: HV₃₀ 1460 | Layer system: CVD TiCN-Al₂O₃

Usage recommendation:

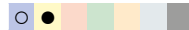
The tough alternative for extremely interrupted cutting conditions.

Grade description

CTCM120



ISO | P15 | M20



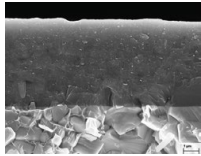
Specification:

Composition: Co 7%, mixed carbides 6%, WC balance | Grain size: 1-2 μm | Hardness: HV₃₀ 1500 | Layer system: CVD TiCN-Al₂O₃

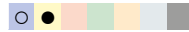
Usage recommendation:

Wear-resistant carbide grade for austenitic, stainless steel with the best levels of performance with a smooth cut.

CTPM125



ISO | P35 | M25



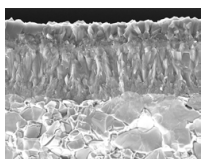
Specification:

Composition: Co 9.6%; mixed carbides 7.8%; others 0.4%; WC balance | Grain size: 1 - 2 μm | Hardness: HV₃₀ 1460 | Coating specification: PVD TiAlTaN

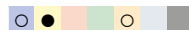
Recommended application:

The first choice for the machining of austenitic steels

CTCM130



ISO | P25 | M30 | S30



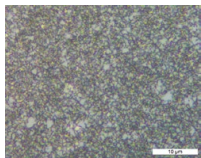
Specification:

Composition: Co 9.6%, mixed carbides 7.8%, WC balance | Grain size: 1-2 μm | Hardness: HV₃₀ 1460 | Layer system: CVD TiCN-Al₂O₃

Usage recommendation:

Robust turning grade for austenitic stainless steel with interrupted cuts.

H210T



ISO | K10 | N10 | S10 | O10



Specification:

Composition: Co 6.0%; WC balance | Grain size: 0.8 μm | Hardness: HV₃₀ 1850

Recommended application:

The wear-resistant uncoated carbide grade for the machining of aluminium and other non-ferrous metals.

H10T



ISO | K15 | N15 | S15 | O10



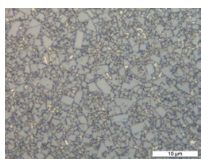
Specification:

Composition: Co 6.0%; WC balance | Grain size: 1 μm | Hardness: HV₃₀ 1630

Recommended application:

The uncoated carbide grade for the machining of aluminium and other non-ferrous metals

H216T



ISO | K15 | N15 | S15 | O10



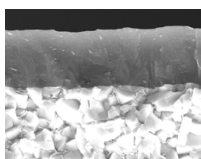
Specification:

Composition: Co 6.0%; WC balance | Grain size: 1 μm | Hardness: HV₃₀ 1630

Recommended application:

The uncoated carbide grade for the machining of aluminium and other non-ferrous metals

CTPX710



ISO | P10 | M10 | K10 | N10 | S15



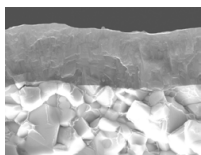
Specification:

Composition: Co 6.0%; WC balance | Grain size: 0.8 μm | Hardness: HV₃₀ 1820 | Layer system: PVD AlTiN

Usage recommendation:

The universal carbide grade for the most demanding machining requirements on multiple materials.

CTPX715



ISO | P15 | M15 | K15 | N15 | S20 | O10



Specification:

Composition: Co 6.0%; WC balance | Grain size: 1 μm | Hardness: HV₃₀ 1650 | Layer system: PVD AlTiN

Usage recommendation:

The universal carbide grade for the most demanding machining requirements on multiple materials.

Grade description

