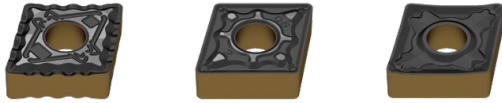


New products for machining technicians

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

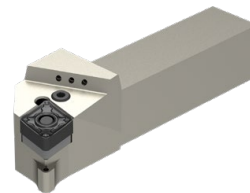
Tool holder with square shank – MaxiLock-S DC for positive indexable inserts



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 190+191**

NEW

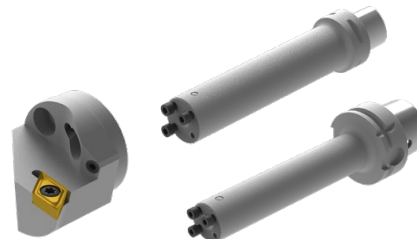
-M23 chip breaker



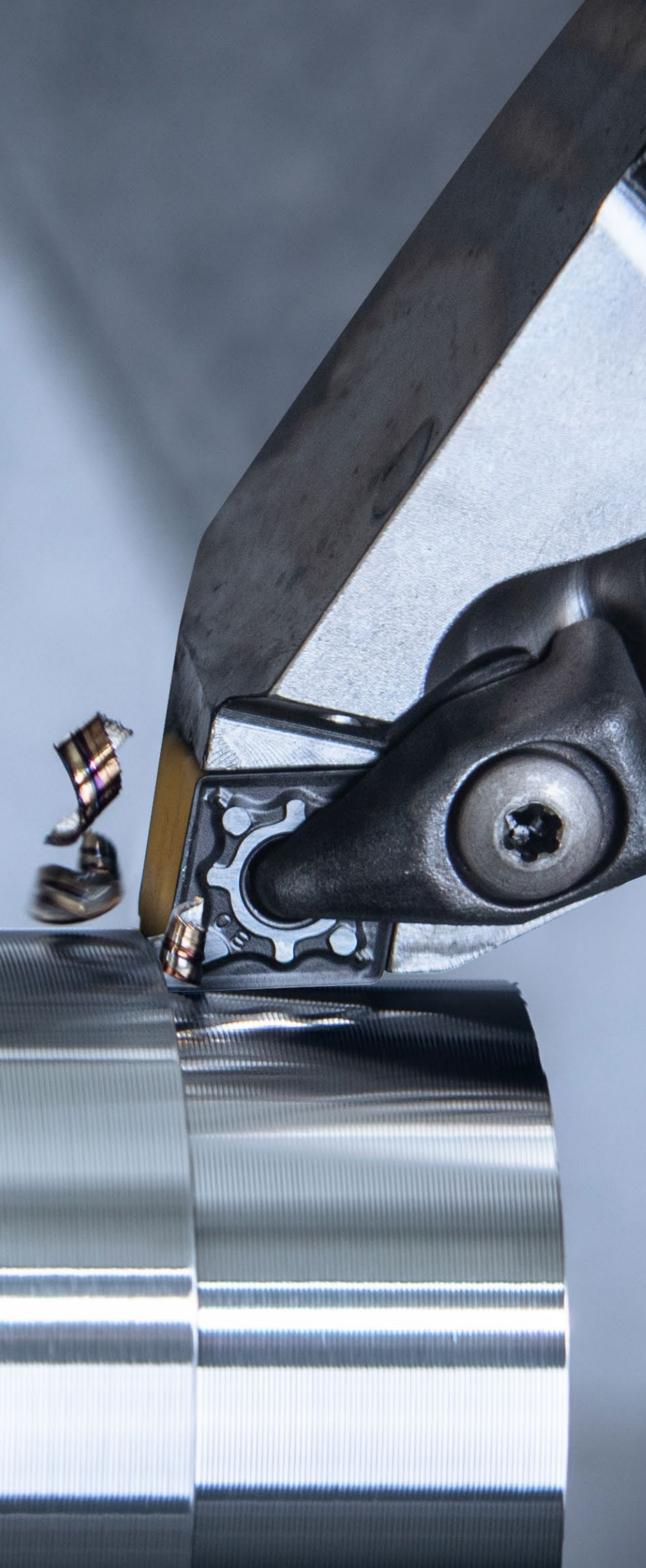
Soft cutting geometry with excellent Chip breaking behavior at low cutting depths for steel machining. Available for positive round inserts in the ISO-P carbide grades.

NEW

Exchangeable head system



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



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

Table of contents

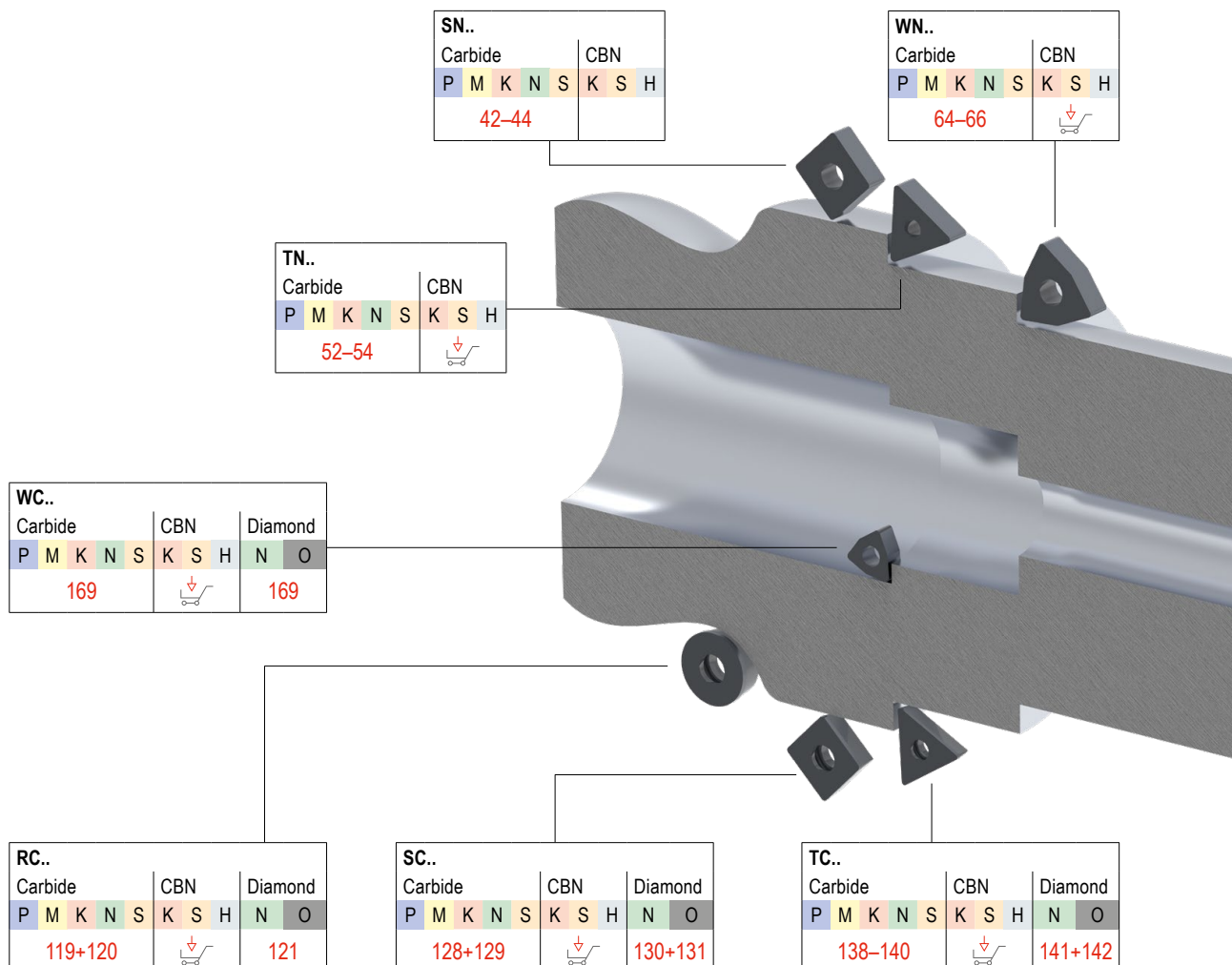
Symbol explanation / Coding of the chip breaker	5
Chip Breakers Overview / Grade description	6
Toolfinder – Application	4+5
Toolfinder – negative inserts	7
Toolfinder – positive inserts	8
Toolfinder – holders	9
Toolfinder – exchange head system	10
Product programme	11–185
Technical Information	
Cutting Data	186–199
Diamond as a cutting material	200
Chip breakers	201–207
Clamping systems	207
Trailing edge geometry – information	208+209
ISO designation system	210–215
Wear types in indexable inserts	216+217
Grades Overview	218–221

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

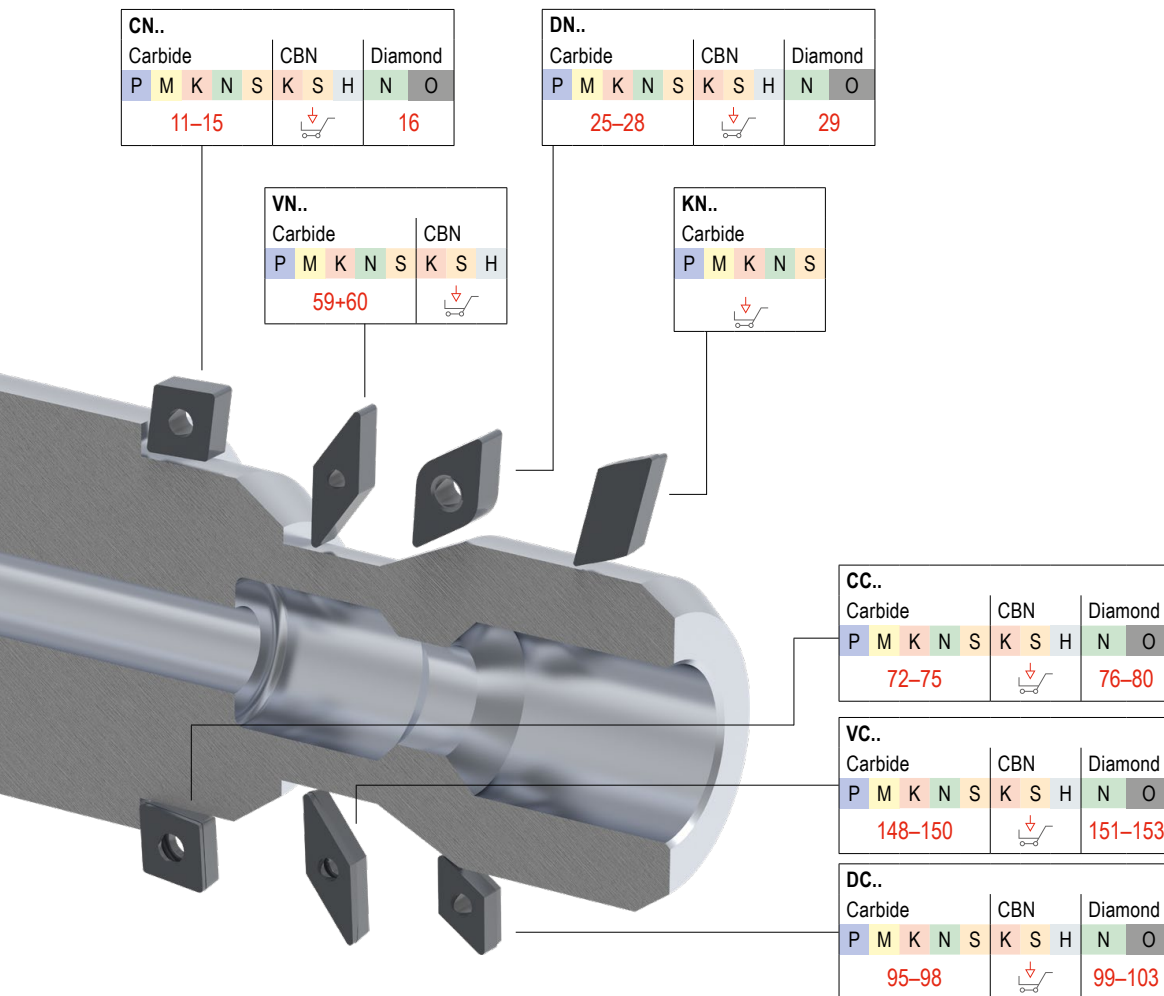
- F** Fine Machining
- M** Medium Machining
- R** Rough Machining

- Smooth cut
- Irregular cutting depth
- Interrupted cut

Int. coolant supply

DirectCooling

A detailed overview of grades can be found in the technical appendix on → **page 218**



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

Toolfinder – negative inserts



			Material							Geometry									
			P	M	K	N	S	H	O	CN..	DN..	KN..	SN..	TN..	VN..	WN..			
Main application: Steel and cast iron	Fine	sharp	-CF / -CF20	●	○	○					11	25			52		64		
			-F40	●		○										59			
			-F50	●		○					11	25		42	52	59	64		
			-TFQ	●	○	○					11+12	25+26					64		
			-XU	●		○					12	26				59	65		
			-M40	●		○										59			
	Medium	stable	-M50	●	○	○				12	26+27		42	52	59	65			
			-TMQ	●		○				12	27					65			
			-M70 -11, -12	●	○	○					12+13	27		42+43	53		65		
			.NMA	●	○	○				13	27			43	53		66		
			-R28	●	○	○				13	27			43	53				
			-R58	●	○	○				13+14	27+28			43	53+54				
Rough	stable	-R88	●	○	○				14			44							
		Main application: Stainless	sharp	Fine	stable	-F30	○	●		○			14	28		44	54	59	66
				-M30		○	●		○			14	28		44	54	60	66	
				Medium		-M42	○	●		●			15	28					
-M60	○					●		○			15	28		44	54		66		
Main application: Heat-resistant	Fine	sharp	-F32	●		○	●												
			-F34							15						66			
			Medium	-M34	●	●		○	●			15	28		44	54	60	66	
	-M42	○		●		○	●			15									
	-M52	●			○	●													
	Main application: Non-ferrous metals	Diamond		FN , FL, FR				●		●			16	29					

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	Fine	-CF05	●	○	○					72	95		128		138		148		
		-SF	●	○	○					72+73	95+96		128		138		148	169	
	Medium	-CF55	●	○	○					72	95		128		138		148		
		-M23	●	○								120							
		-SMF	●	○	○					72+73	95+96	119	128		138		148+149		
		-SM	●	○	●					73	96	119+120	128		138		149		
		-SMQ	●	○						73+74	97								
		-EN, -EL, -ER	●	○	●										↓		↓		
Main application: Stainless	Fine	-F43	○	●			●			↓	↓				↓				
		-M81	○	●			○			↓	↓						↓		
	Medium	-M25	○	●			●			74	97		129		139		149		
		-M55	○	●			●			74	97		129		139		149		
Main application: Non-ferrous metals	Fine	-23P			○	●		○		74	97								
		-25P	●	●	○	●	●	○		74	97	120	129				150		
	Medium	-25Q	●	●	○	●	●	○		74	97						150		
		-27	●	●	○	●	●	○		74	98	120	129		140		150		
		-29			○	●		○		75	98						150		
	Diamond	-FN, -FL, -FR				●		●		76-80	99-103	121	130+131		141+142		151-153	169	
		CB1				●		●		77+80	100-103	121	130		141		152+153		
		CB2				●		●		77-80	100 102+103	121	131		142		152+153		
CB3					●		●		79	102		131		142		153			
Main application: Heat-resistant	Fine	-F05	●	●		●	●			75	98						150		
		-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..	17–20	23+24	21	22
DN..	30–33	40+41	33–35	36–39
SN..	45–50	51	50	
TN..	55–57	58		
VN..	61		62	62+63
WN..	67+68	70+71	69	69

Toolholders and boring bars for positive inserts



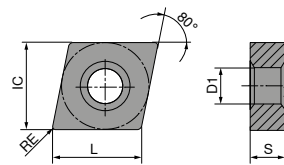
Geometry	Tool holder	Boring bars	HSK-T	PSC
CC..	81–87	90–94	88	89
DC..	104–110	114–118	111	112+113
RC..	122–126		127	
SC..	132–136	137		
TC..	143–146	147		
VC..	154–162	166–168	162–164	164+165
WC..		170		

Overview of exchangeable head system

Exchangeable cutting heads	Basic holder
PCLN 95° CN.. 1204 178 	PSC 40/50/63 171 
PDUN 93° DN.. 1104 DN.. 1506 178 	PSC 63 Vibration damped 172 
PDQN 107,5° DN.. 1104 179 	PSC 40/50/63 Actively vibration-damped 173 
PWLN 95° WN.. 0804 179 	HSK-T 40/63/100 174 
SCLC 95° CC.. 1204 180 	HSK-T 63 Vibration damped 175 
SDUC 93° DC.. 11T3 180 	HSK-T 63 Actively vibration-damped 176 
SDQC 107,5° DC.. 11T3 181 	Cylindrical 25 mm 32 mm 40 mm 177 
For internal thread 16 .. 182 	

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

ISO	RE mm	-CF TCM10		-CF20 CTEP110		-TFQ CTEP110		NEW -F50 CTCP115-P		NEW -F50 CTCP125-P		NEW -F50 CTCP135-P		NEW -TFQ CTCP115-P	
		£	904	£	028	£	028	£	31601	£	51601	£	71601	£	32801
090304EN	0.4	1A/78		1A/78		1A/78		1A/08	8.56	1A/08	8.61	1A/08	8.56		
090308EN	0.8							1A/08	8.56	1A/08	8.61	1A/08	8.56		
120404EN	0.4	11.18	904	11.67	028	13.56	028	1A/08	13.19	1A/08	13.19	1A/08	13.19	72801	15.12
120408EN	0.8	11.18	908	11.67	030	13.56	030	1A/08	13.19	1A/08	13.19	1A/08	13.19	73001	15.12
120412EN	1.2					13.56	032	1A/08	13.19	1A/08	13.19	1A/08	13.19	73201	15.12
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	15.12	52801	13.23	32801	13.23	52801	13.19	028	13.19	530	13.19	32801	13.19	52801
120408EN	0.8	15.12	53001	13.23	33001	13.23	53001	13.19	030	13.19	530	13.19	33001	13.19	53001
120412EN	1.2	15.12	53201	13.23	33201	13.23	53201	13.19	032	13.19	532	13.19	32001	13.19	53201
120416EN	1.6									13.19	532	13.19	33401	13.19	53401
160608EN	0.8									21.31	34201	21.31	34201	21.31	54201
160612EN	1.2									21.31	34401	21.31	34401	21.31	54401
160616EN	1.6									21.31	34601	21.31	34601	21.31	54601
P			●		●		●		○		○		●		●
M															
K			○		○		○		●		●		○		○
N															
S															
H															
O															

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	13.19	72801					13.19	030	13.19	530	13.19	33001	13.19	53001
120408EN	0.8	13.19	73001	15.56	33001	15.12	53001	13.19	032	13.19	532	13.19	32001	13.19	53201
120412EN	1.2	13.19	73201	15.12	32001	15.12	53201	13.19	034	13.19	534	13.19	33401	13.19	53401
120416EN	1.6	13.19	73401					13.19	034	13.19	534	13.19	33401	13.19	53401
160608EN	0.8	21.31	74201					21.31	042	21.31	542	21.31	34201	21.31	54201
160612EN	1.2	21.31	74401					21.31	044	21.31	544	21.31	34401	21.31	54401
160616EN	1.6	21.31	74601					21.31	046	21.31	546	21.31	34601	21.31	54601
160624EN	2.4									21.31	546	21.31	34801	21.31	54801
190608EN	0.8									30.10	35401	30.10	35401	30.10	55401
190612EN	1.2							30.10	056	30.10	556	30.10	35601	30.10	55601
190616EN	1.6							30.10	058	30.10	558	30.10	35801	30.10	55801
190624EN	2.4									30.10	558	30.10	36001	30.10	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		CTCP110		CTCP120		CTCP115-P		CTCP125-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			13.19	028	13.19	528							13.43	33001
120408EN	0.8	13.19	73001	13.19	030	13.19	530	13.43	33001	13.43	53001			13.43	33001
120412EN	1.2	13.19	73201	13.19	032	13.19	532	13.43	33201	13.43	53201	13.43	73201	13.43	33201
120416EN	1.6	13.19	73401	13.19	034	13.19	534	13.43	33401	13.43	53401	13.43	73401	13.43	33401
160608EN	0.8	21.31	74201	21.31	042	21.31	542								
160612EN	1.2	21.31	74401	21.31	044	21.31	544	21.31	34401	21.31	54401	21.31	74401	21.31	34401
160616EN	1.6	21.31	74601	21.31	046	21.31	546	21.31	34601	21.31	54601	21.31	74601	21.31	34601
160624EN	2.4	21.31	74801											21.31	34801
190608EN	0.8	30.10	75401												
190612EN	1.2	30.10	75601	30.10	056	30.10	556	30.10	35601	30.10	55601	30.10	75601	30.10	35601
190616EN	1.6	30.10	75801	30.10	058	30.10	558	30.10	35801	30.10	55801	30.10	75801	30.10	35801
190624EN	2.4	30.10	76001					30.10	36001	30.10	56001	30.10	76001	30.10	36001
250924EN	2.4							69.48	38401	69.48	58401	69.48	78401	69.48	38401
P			●		○		○		●		●		●		●
M			○										○		
K					●		●		○		○				○
N															
S															
H															
O															

CNMM

		NEW -R58 CTCP125-P		NEW -R58 CTCP135-P		NEW -R88 CTCP115-P		NEW -R88 CTCP125-P		NEW -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 ...	
		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08	
120408EN	0.8	13.43	53001	13.43	73001						
120412EN	1.2	13.43	53201	13.43	73201						
120416EN	1.6	13.43	53401	13.43	73401						
160612EN	1.2	21.31	54401	21.31	74401						
160616EN	1.6	21.31	54601	21.31	74601						
160624EN	2.4	21.31	54801	21.31	74801						
160624SN	2.4					21.31	34801	21.31	54801	21.31	74801
190612EN	1.2	30.10	55601	30.10	75601						
190616EN	1.6	30.10	55801	30.10	75801						
190616SN	1.6					30.10	35801	30.10	55801	30.10	75801
190624EN	2.4	30.10	52401	30.10	76001						
190624SN	2.4					30.10	36001	30.10	56001	30.10	76001
250924EN	2.4	69.48	58401	69.48	78401						
250924SN	2.4					69.48	38401	69.48	58401	69.48	78401
P			●		●		●		●		●
M					○						○
K			○				○		○		
N											
S											
H											
O											

CNMG

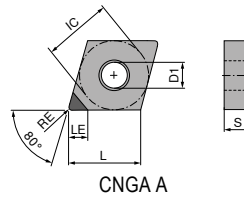
		-F30 CTCM120		-F30 CTPM125		-F30 CTCM130		-M30 CTCM120		-M30 CTPM125		-M30 CTCM130	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F CNMG		F CNMG		F CNMG		M CNMG		M CNMG		M CNMG	
		75 010 ...		75 010 ...		75 010 ...		75 011 ...		75 011 ...		75 011 ...	
		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08	
120404EN	0.4	13.19	12800	13.19	280	13.19	32800						
120408EN	0.8	13.19	13000	13.19	230	13.19	33000	13.19	13000	13.19	230	13.19	33000
120412EN	1.2							13.19	13200	13.19	232	13.19	33200
120416EN	1.6							13.19	13400	13.19	234	13.19	33400
P			○		○		○		○		○		○
M			●		●		●		●		●		●
K													
N													
S							○						○
H													
O													

CNMG

		NEW				NEW		NEW	
		-M42 CTCM130	-M60 CTCM120	-M60 CTPM125	-M60 CTCM130	-F34 CTPX710	-M34 CTPX710	-M42 CTPX710	
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	
		M	M	M	M	F	M	M	
		CNMG	CNMG	CNMG	CNMG	CNMG	CNMG	CNMG	
		75 029 ...	75 012 ...	75 012 ...	75 012 ...	75 299 ...	75 003 ...	75 007 ...	
ISO	RE mm	£	£	£	£	£	£	£	£
		1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08
120404EN	0.4	13.58	32800			12.98	62800	12.41	62800
120408EN	0.8	13.58	33000	13.19	13000	12.98	63000	12.41	63000
120412EN	1.2	13.58	33200	13.19	13200	12.98	63200	12.41	63200
120416EN	1.6			13.19	13400			12.41	63400
160612EN	1.2		21.95	14400	21.95	24400			
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

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

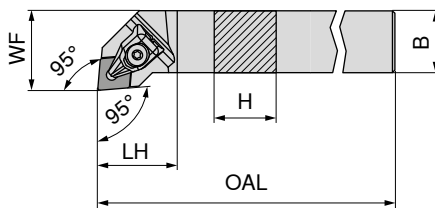
CTDPD20		CTDPS30	
F DIAMOND CNGA		F DIAMOND CNGA	
71 127 ...		71 127 ...	
£ Y0		£ Y0	
101.96	10001	101.96	20001
101.96	10101	101.96	20101
115.71	10201	115.71	20201

P		
M		
K		
N		•
S		•
H		
O		•

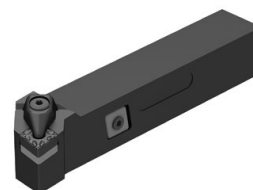
MaxiLock-D – DCLN 95° – Toolholder with top clamping

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 70 509 ...		Right-hand 70 508 ...	
								£ 2A/24	£	£ 2A/24	£
DCLN R/L 1616 H09	16	16	100	23	20	2	CN.. 0903	88.11	516	88.11	516
DCLN R/L 2020 K09	20	20	125	24	25	2	CN.. 0903	98.18	520	98.18	520
DCLN R/L 2020 K12	20	20	125	32	25	4	CN.. 1204	98.18	620	98.18	620
DCLN R/L 2525 M12	25	25	150	32	32	4	CN.. 1204	101.55	625	101.55	625
DCLN R/L 3225 P12	32	25	170	32	32	4	CN.. 1204	108.93	632	108.93	632
DCLN R/L 2525 M16	25	25	150	38	32	6.5	CN.. 1606	101.55	725	101.55	725
DCLN R/L 3232 P16	32	32	170	36	40	6.5	CN.. 1606	137.14	732	137.14	732
DCLN R/L 3232 P19	32	32	170	42	40	6.5	CN.. 1906	137.14	832	137.14	832
DCLN R/L 4040 S19	40	40	250	42	50	6.5	CN.. 1906	170.50	940	170.50	940
DCLN R/L 4040 S25	40	40	250	60	50	6.5	CN.. 2509	170.50	440	170.50	440

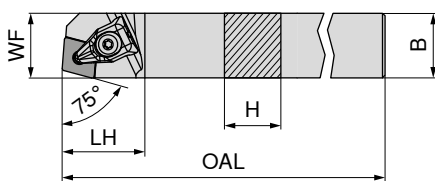
**Spare parts
for Article no.**

	£ 2A/28	823		£ Y7	126		£ 2A/28	819	£ 2A/28	821	848
70 508 516 / 70 509 516	27.82	823	T09 - IP	18.76	126	M3x7 - IP	3.61	819	8.21	848	848
70 508 520 / 70 509 520	27.82	823	T09 - IP	18.76	126	M3x7 - IP	3.61	819	8.21	848	848
70 508 620 / 70 509 620	27.44	824	T15 - IP	20.03	128	M4,5x12 - IP	3.45	820	9.11	810	810
70 508 625 / 70 509 625	27.44	824	T15 - IP	20.03	128	M4,5x12 - IP	3.45	820	9.11	810	810
70 508 632 / 70 509 632	27.44	824	T15 - IP	20.03	128	M4,5x12 - IP	3.45	820	9.11	810	810
70 508 725 / 70 509 725	30.80	825	T20 - IP	21.03	129	M5x14 - IP	4.89	821	13.91	814	814
70 508 732 / 70 509 732	30.80	825	T20 - IP	21.03	129	M5x14 - IP	4.89	821	13.91	814	814
70 508 832 / 70 509 832	33.70	826	T20 - IP	21.03	129	M5x14 - IP	4.89	821	14.91	816	816
70 508 940 / 70 509 940	33.70	826	T20 - IP	21.03	129	M5x14 - IP	4.89	821	14.91	816	816
70 508 440 / 70 509 440	52.50	827	T25 - IP	17.13	122	M6x16 - IP	9.28	822	28.58	625	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 70 501 ...		Right-hand 70 500 ...	
								£ 2A/24	£	£ 2A/24	£
DCBN R/L 2525 M12	25	25	150	32	22	4	CN.. 1204	98.18	825	98.18	825

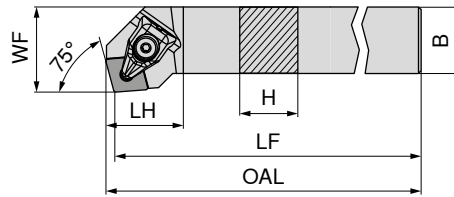
**Spare parts
for Article no.**

	£ 2A/28	824		£ Y7	128		£ 2A/28	820	£ 2A/28	810
70 501 825 / 70 500 825	27.44	824	T15 - IP	20.03	128	M4,5x12 - IP	3.45	820	9.11	810

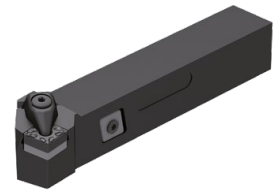
MaxiLock-D – DCKN 75° – Toolholder with top clamping

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 98.18 825	Right-hand 70 504 ... £ 2A/24 98.18 825
DCKN R/L 2525 M12	25	25	152.9	150	28.9	32	4	CN.. 1204		

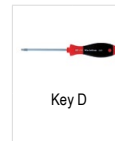
Spare parts
for Article no.

70 505 825 / 70 504 825



XPRESS type

70 950 ...	£ 2A/28 27.44	824
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Key D

80 950 ...	£ Y7 20.03	128
------------	------------------	-----



Clamping screw

70 950 ...	£ 2A/28 3.45	820
------------	--------------------	-----



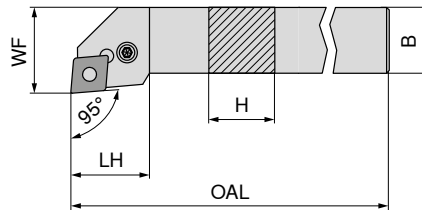
Carbide type C

70 950 ...	£ 2A/28 9.11	810
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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 88.11 016 98.18 020 101.55 025 108.93 032 101.55 125 137.14 132 137.14 232 170.50 54000 170.50 340	Right-hand 70 508 ... £ 2A/24 88.11 016 98.18 020 101.55 025 108.93 032 101.55 125 137.14 132 137.14 232 170.50 54000 170.50 340
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		

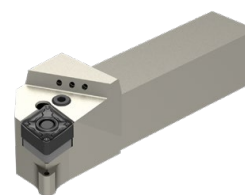
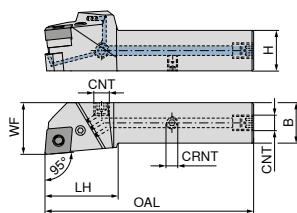
Spare parts
for Article no.

Article no.	Key I	Shim	Assembly pin	Lever	Clamping screw	Carbide type C
70 508 016 / 70 509 016	2.83 176	2.03 198	1.42 192	14.54 187	4.04 209	9.11 233
70 508 020 / 70 509 020	2.83 176	2.03 198	1.42 192	14.54 187	4.04 209	9.11 233
70 508 025 / 70 509 025	2.83 176	2.03 198	1.42 192	14.54 187	4.04 209	9.11 233
70 508 032 / 70 509 032	2.83 176	2.03 198	1.42 192	14.54 187	4.04 209	9.11 233
70 508 125 / 70 509 125	2.83 176	1.28 391	1.42 394	14.42 385	4.38 388	14.42 380
70 508 132 / 70 509 132	2.83 176	1.28 391	1.42 394	14.42 385	4.38 388	14.42 380
70 508 232 / 70 509 232	2.98 396	2.03 392	1.42 395	22.06 386	4.38 389	22.17 381
70 508 54000 / 70 509 54000	2.98 396	2.03 392	1.42 395	22.06 386	4.38 389	22.17 381
70 508 340 / 70 509 340	4.26 265	1.28 621	2.19 623	29.81 620	2.62 622	28.58 624

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

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

NEW Left-hand **70 592 ...**
NEW Right-hand **70 592 ...**

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CNT	CRNT	torque moment Nm	Insert	£			
										2A/24	02000	2A/24	02001
PCLN R/L 2020 X12-T DC	20	20	109	40	25	G1/8"	M6	4	CN.. 1204	198.09	02000	198.09	02001
PCLN R/L 2525 X12-T DC	25	25	124	40	32	G1/8"	M6	4	CN.. 1204	208.52	02500	208.52	02501
PCLN R/L 3225 X12-T DC	32	25	140	40	32	G1/8"	M6	4	CN.. 1204	218.95	03200	218.95	03201
PCLN R/L 2525 X16-T DC	25	25	129	45	32	G1/8"	M6	4	CN.. 1606	208.52	12500	208.52	12501
PCLN R/L 3232 X16-T DC	32	32	145	45	40	G1/8"	M6	4	CN.. 1606	229.38	13200	229.38	13201
PCLN R/L 3232 X19-T DC	32	32	150	50	40	G1/8"	M6	8	CN.. 1906	229.38	23200	229.38	23201
PCLN R/L 4040 X19-T DC	40	40	175	50	48	G1/8"	M6	8	CN.. 1906	250.25	04000	250.25	04001
PCLN R/L 4040 X25-T DC	40	40	185	60	48	G1/8"	M6	8	CN.. 2509	250.25	14000	250.25	14001



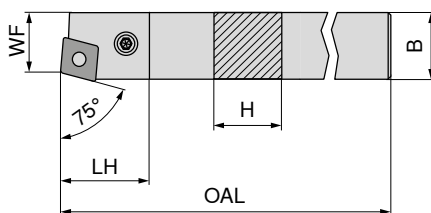
Spare parts for Article no.	£		£		£		£		£		£		£	
	2A/28	176	2A/28	198	2A/28	192	2A/28	294	2A/28	187	2A/28	209	2A/28	233
70 592 02000 / 70 592 02001	2.83	176	2.03	198	1.42	192	4.11	294	14.54	187	4.04	209	9.11	233
70 592 02500 / 70 592 02501	2.83	176	2.03	198	1.42	192	4.11	294	14.54	187	4.04	209	9.11	233
70 592 03200 / 70 592 03201	2.83	176	2.03	198	1.42	192	4.11	294	14.54	187	4.04	209	9.11	233
70 592 12500 / 70 592 12501	2.83	176	1.28	391	1.42	394	4.11	294	14.42	385	4.38	388	14.42	380
70 592 13200 / 70 592 13201	2.83	176	1.28	391	1.42	394	4.11	294	14.42	385	4.38	388	14.42	380
70 592 23200 / 70 592 23201	2.98	396	2.03	392	1.42	395	4.11	294	22.06	386	4.38	389	22.17	381
70 592 04000 / 70 592 04001	2.98	396	2.03	392	1.42	395	4.11	294	22.06	386	4.38	389	22.17	381
70 592 14000 / 70 592 14001	4.26	265	1.28	621	2.19	623	4.11	294	29.81	620	2.62	622	28.58	624

9

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

Scope of supply:

Tool holder with allen key

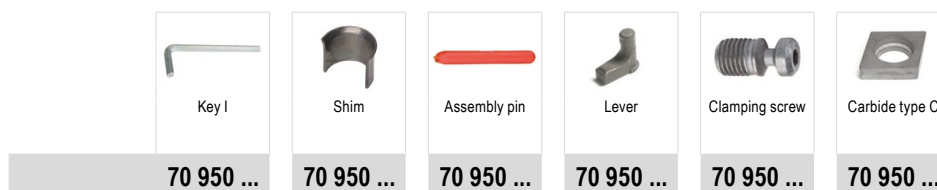


Illustrations show right-hand versions



Left-hand **70 501 ...**
Right-hand **70 500 ...**

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	£			
								2A/24	025	2A/24	025
PCBN R/L 2525 M12	25	25	150	27.70	22	4	CN.. 1204	98.18	025	98.18	025
PCBN R/L 2525 M16	25	25	150	31.81	22	4	CN.. 1606	98.18	12500	98.18	125
PCBN R/L 3232 P19	32	32	170	38.00	27	8	CN.. 1906	137.14	032	137.14	032

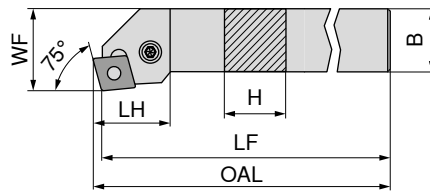


Spare parts for Article no.	£		£		£		£		£		£	
	2A/28	176	2A/28	198	2A/28	192	2A/28	187	2A/28	209	2A/28	233
70 500 025 / 70 501 025	2.83	176	2.03	198	1.42	192	4.11	187	4.04	209	9.11	233
70 500 125 / 70 501 12500	2.83	176	1.28	391	1.42	394	4.11	385	4.38	388	14.42	380
70 500 032 / 70 501 032	2.98	396	2.03	392	1.42	395	4.11	386	4.38	389	22.17	381

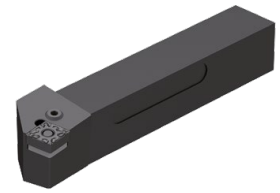
MaxiLock-N – PCKN 75° – Toolholder with lever clamping

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 98.18	£ 2A/24 98.18
									025	025

**Spare parts
for Article no.**

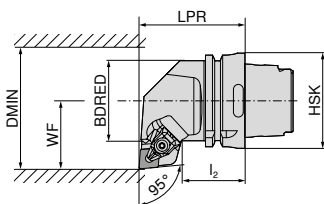
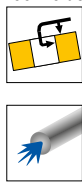
70 505 025 / 70 504 025

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 2.83	£ 2A/28 2.03	£ 2A/28 1.42	£ 2A/28 14.54	£ 2A/28 4.04	£ 2A/28 9.11
176	198	192	187	209	233

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

Scope of supply:

Tool holder with Torx key

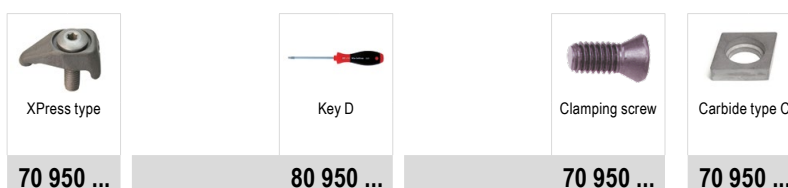


Illustrations show right-hand versions



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 ...	
									£		£	
HSK T63 DCLN R/L 12	HSK-T 63	70	42	53	45	100	4	CN.. 1204	2D/80	512	2D/80	512
HSK T63 DCLN R/L 16	HSK-T 63	70	42	53	45	125	4	CN.. 1606	396.51	516	396.51	516
HSK T63 DCLN R/L 19	HSK-T 63	70	42	53	45	125	8	CN.. 1906	396.51	519	396.51	519
HSK T100 DCLN R/L 12	HSK-T 100	80	45	88	55	125	4	CN.. 1204	465.48	712	465.48	712
HSK T100 DCLN R/L 19	HSK-T 100	80	45	88	55	125	8	CN.. 1906	465.48	719	465.48	719

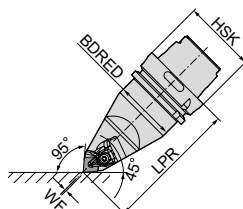
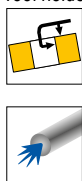
Spare parts for Article no.	70 950 ...		80 950 ...		70 950 ...		70 950 ...				
	£		£		£		£				
74 504 512 / 74 503 512	2A/28	27.44	824	Y7	20.03	128	M4,5x12 - IP	3.45	820	9.11	810
74 504 516 / 74 503 516		30.80	825		21.03	129	M5x14 - IP	4.89	821	13.91	814
74 504 519 / 74 503 519		33.70	826		21.03	129	M5x14 - IP	4.89	821	14.91	816
74 504 712 / 74 503 712		27.44	824		20.03	128	M4,5x12 - IP	3.45	820	9.11	810
74 504 719 / 74 503 719		33.70	826		21.03	129	M5x14 - IP	4.89	821	14.91	816



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

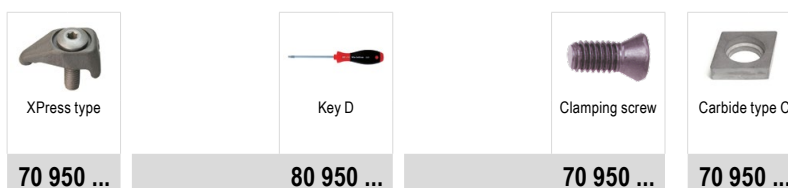
Scope of supply:

Tool holder with Torx key



ISO designation	Adapter	LPR mm	BDRED mm	WF mm	torque moment Nm	Insert	Neutral 74 506 ...	
							£	
HSK T63 DCMN N 12	HSK-T 63	115	53	0	4	CN.. 1204	2D/80	512
HSK T100 DCMN N 12	HSK-T 100	150	88	0	4	CN.. 1204	639.77	712

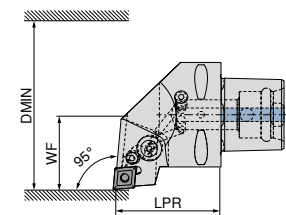
Spare parts for Article no.	70 950 ...		80 950 ...		70 950 ...		70 950 ...				
	£		£		£		£				
74 506 512	2A/28	27.44	824	Y7	20.03	128	M4,5x12 - IP	3.45	820	9.11	810
74 506 712		27.44	824		20.03	128	M4,5x12 - IP	3.45	820	9.11	810



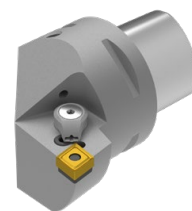
MaxiLock-N – PCLN 95° – Toolholder with lever clamping

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	84 657 ...		84 656 ...	
PSC50 PCLN R/L 65060-12	PSC 50	60	35	65	5	CN.. 1204	DC	605.68	01295	605.68	01295
PSC63 PCLN R/L 80065-12	PSC 63	65	45	80	5	CN.. 1204	DC	666.86	01294	666.86	01294
								757.09	01293	757.09	01293

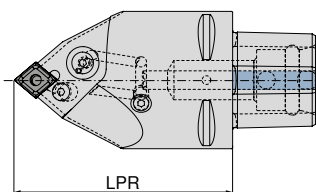
The high-performance coolant set with article number 84 950 27400 can be ordered as an optional extra → Page 39.

Spare parts for Article no.	Shim		Elbow lever screw		Lever		Carbide type C		
	£	Y8	£	Y8	£	Y8	£	Y8	
84 656 01295 / 84 657 01295	3.07	29200	M8X1/L17 SW3	11.96	28700	35.51	29000	34.66	27800
84 656 01294 / 84 657 01294	3.07	29200	M8X1/L17 SW3	11.96	28700	35.51	29000	34.66	27800
84 656 01293 / 84 657 01293	3.07	29200	M8X1/L17 SW3	11.96	28700	35.51	29000	34.66	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	84 675 ...	
PSC63 PCMN N 0130-12	PSC 63	130	5	CN.. 1204	DC	757.09	01293
						757.09	11293

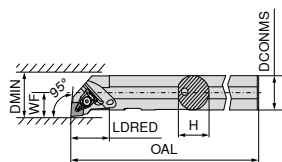
The high-performance coolant set with article number 84 950 27400 can be ordered as an optional extra → Page 39.

Spare parts for Article no.	Shim		Elbow lever screw		Lever		Carbide type C		
	£	Y8	£	Y8	£	Y8	£	Y8	
84 675 01293	3.07	29200	M8X1/L17 SW3	11.96	28700	35.51	29000	34.66	27800
84 675 11293	3.07	29200	M8X1/L17 SW3	11.96	28700	35.51	29000	34.66	27800

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

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions

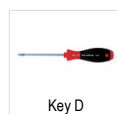


ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£		£	
A20Q DCLN R/L 09	20	19	180	35	13	25	2	CN.. 0903	230.18	720	230.18	720
A25R DCLN R/L 12	25	24	200	36	17	32	4	CN.. 1204	256.51	825	256.51	825
A32S DCLN R/L 12	32	31	250	40	22	40	4	CN.. 1204	265.30	832	265.30	832
A40T DCLN R/L 12	40	39	300	45	27	50	4	CN.. 1204	295.54	840	295.54	840
A40U DCLN L 16	50	47	350	45	35	63	6,5	CN.. 1606	365.72	85000		



XPress type

70 950 ...



Key D

80 950 ...



Clamping screw

70 950 ...



Carbide type C

70 950 ...

Spare parts

for Article no.

	£		£		£		£	
70 556 720 / 70 557 720	27.82	823	18.76	126	3.61	819	8.21	848
70 556 825 / 70 557 825	27.44	824	20.03	128	3.45	820		
70 556 832 / 70 557 832	27.44	824	20.03	128	3.45	820	9.11	810
70 556 840 / 70 557 840	27.44	824	20.03	128	3.45	820	9.11	810
70 557 85000	30.80	825	21.03	129	4.89	821	13.91	814

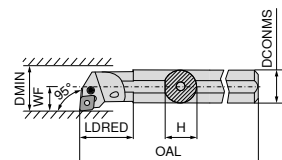
MaxiLock-N – PCLN 95° – Boring bar with lever clamping

▲ A... = with thro' coolant

▲ S... = without thro' coolant

Scope of supply:

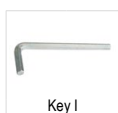
Boring bar with Allen key



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	256.51	225	256.51	225
S25T PCLN R/L 12	25	23	300	22.0	17	32	4	CN.. 1204	256.51	025	256.51	025
A32S PCLN R/L 12	32	30	250	50.0	22	40	4	CN.. 1204	265.30	232	265.30	232
S32U PCLN R/L 12	32	30	350	24.1	22	40	4	CN.. 1204	265.30	032	265.30	032
A40T PCLN R/L 12	40	38	300	60.0	27	50	4	CN.. 1204	295.54	240	295.54	240
S40V PCLN R/L 12	40	38	400	24.1	27	50	4	CN.. 1204	295.54	040	295.54	04000 ¹⁾
S50W PCLN R/L 16	50	47	450	31.0	35	63	4	CN.. 1606	365.72	050	365.72	050



Key I

70 950 ...



Shim

70 950 ...



Assembly pin

70 950 ...



Lever

70 950 ...



Clamping screw

70 950 ...



Carbide type C

70 950 ...

Spare parts

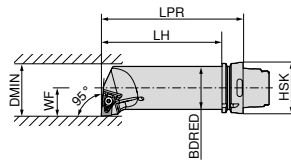
for Article no.

	£		£		£		£		£		£	
70 556 225 / 70 557 225	2.83	176	2.03	198	1.42	192	14.54	187	4.93	205	9.11	233
70 556 025 / 70 557 025	2.83	176	2.03	198	1.42	192	14.54	187	4.93	205	9.11	233
70 556 232 / 70 557 232	2.83	176	2.03	198	1.42	192	14.54	187	4.93	205	9.11	233
70 556 032 / 70 557 032	2.83	176	2.03	198	1.42	192	14.54	187	4.93	205	9.11	233
70 556 240 / 70 557 240	2.83	176	2.03	198	1.42	192	14.54	187	4.04	209	9.11	233
70 556 04000 / 70 557 040	2.83	176	2.03	198	1.42	192	14.54	187	4.04	209	9.11	233
70 556 050 / 70 557 050	2.83	176	1.28	391	1.42	394	14.42	385	4.38	388	14.42	380

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

Scope of supply:

Boring bar with Torx key



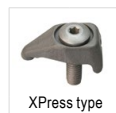
Illustrations show right-hand versions

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/80 543.94	£ 2D/80 543.94
512	512

**Spare parts
for Article no.**

74 528 512 / 74 529 512



XPress type

70 950 ...

£
2A/28
27.44

824



Key D

80 950 ...

£
Y7
20.03

128



Clamping screw

70 950 ...

£
2A/28
3.45

820



Carbide type C

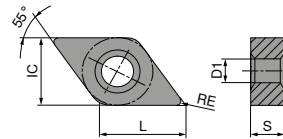
70 950 ...

£
2A/28
9.11

810

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	70 155 ...		76 102 ...		76 153 ...		76 134 ...		76 134 ...		76 134 ...		76 153 ...	
		£		£		£		£		£		£		£	
110402EN	0.2	1A/78	904	1A/78	004	1A/78	028	1A/08	30201	1A/08	50201	1A/08	70201		
110404EN	0.4	13.43		14.07	004			14.07	30401	14.07	50401	14.07	70401		
110408EN	0.8			14.07	006			14.07	30601	14.07	50601	14.07	70601		
110412EN	1.2							14.07	30801	14.07	50801	14.07	70801		
150404EN	0.4							17.06	31601	17.06	51601	17.06	71601		
150408EN	0.8							17.06	31801	17.06	51801	17.06	71801		
150412EN	1.2							17.06	32001	17.06	52001	17.06	72001		
150604EN	0.4	17.59	914	18.48	028	20.53	028	18.48	32801	18.48	52801	18.48	72801	21.31	32801
150608EN	0.8			18.48	030	20.53	030	18.48	33001	18.48	53001	18.48	73001	21.31	33001
150612EN	1.2			18.48	032			18.48	33201	18.48	53201	18.48	73201		
P			●		●		●		●		●		●		●
M			○		○		○		○		○		○		○
K			○		○		○		○		○		○		○
N															
S															
H															
O															

DNMG

		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		M		M		M		M		M		M	
		DNMG		DNMG		DNMG		DNMG		DNMG		DNMG		DNMG	
		76 153 ...		76 291 ...		76 291 ...		70 133 ...		70 133 ...		76 136 ...		76 136 ...	
ISO	RE mm	£		£		£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
110404EN	0.4											14.07	30401	14.07	50401
110408EN	0.8											14.07	30601	14.07	50601
110412EN	1.2											14.07	30801	14.07	50801
150404EN	0.4											17.06	31601	17.06	51401
150408EN	0.8							17.06	018	17.06	518	17.06	31801	17.06	51801
150412EN	1.2							17.06	020	17.06	520	17.06	32001	17.06	51601
150416EN	1.6											17.06	32201	17.06	52201
150604EN	0.4	21.31	52801	18.48	32801	18.48	52801					18.48	32801	18.48	52801
150608EN	0.8	21.31	53001	18.48	33001	18.48	53001	18.48	030	18.48	530	18.48	33001	18.48	53001
150612EN	1.2			18.48	33201	18.48	53201	18.48	032	18.48	532	18.48	33201	18.48	53201
150616EN	1.6											18.48	33401	18.48	53401
P			●		●		●		○		○		●		●
M															
K			○		○		○		●		●		○		○
N															
S															
H															
O															

DNMG

		NEW		NEW		NEW		NEW		NEW	
		-M50 CTCP135-P		-TMQ CTCP125-P		-M70 CTCK110		-M70 CTCK120		-M70 CTCP115-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M		M		M		M		M	
		DNMG		DNMG		DNMG		DNMG		DNMG	
		76 136 ...		76 197 ...		70 263 ...		70 263 ...		76 263 ...	
ISO	RE mm	£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08	
110404EN	0.4	14.07	70401								
110408EN	0.8	14.07	70601					14.07	30601	14.07	50601
110412EN	1.2	14.07	70801					14.07	30801	14.07	50801
150404EN	0.4	17.06	71601								
150408EN	0.8	17.06	71801			17.06	018	17.06	518	17.06	31801
150412EN	1.2	17.06	72001			17.06	020	17.06	520	17.06	32001
150416EN	1.6	17.06	72201					17.06	32201	17.06	52201
150604EN	0.4	18.48	72801								
150608EN	0.8	18.48	73001	21.31	53001	18.48	030	18.48	530	18.48	33001
150612EN	1.2	18.48	73201	21.31	53201	18.48	032	18.48	532	18.48	33201
150616EN	1.6	18.48	73401			18.48	034	18.48	534	18.48	33401
P			●		●		○		○		●
M			○								○
K					○		●		●		○
N											
S											
H											
O											

9

DNMA / DNMM

		NEW		NEW		NEW		NEW		NEW	
		CTCK110		CTCK120		-R28 CTCP115-P		-R28 CTCP125-P		-R28 CTCP135-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		R		R		R		R		R	
		DNMA		DNMA		DNMM		DNMM		DNMM	
		70 156 ...		70 156 ...		76 165 ...		76 165 ...		76 165 ...	
ISO	RE mm	£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08	
150408EN	0.8	17.06	018	17.06	518						
150412EN	1.2	17.06	020	17.06	520						
150608EN	0.8	18.48	030	18.48	530						
150612EN	1.2	18.48	032	18.48	532	18.48	33201	18.48	53201	18.48	73201
150616EN	1.6					18.48	33401	18.48	53401	18.48	73401
P			○		○		●		●		●
M											○
K			●		●		○		○		○
N											
S											
H											
O											

DNMM / DNMG

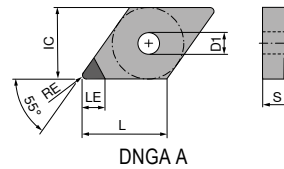
		NEW												
		-R58 CTCP135-P	-F30 CTCM120	-F30 CTPM125	-F30 CTCM130	-M30 CTCM120	-M30 CTPM125	-M30 CTCM130						
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN						
		R	F	F	F	M	M	M						
		DNMM	DNMG	DNMG	DNMG	DNMG	DNMG	DNMG						
		76 166 ...	75 013 ...	75 013 ...	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						
110404EN	0.4													
110408EN	0.8		14.07	14.07	14.07	14.07	14.07	14.07	10600	206	14.07	30600		
110412EN	1.2		14.07	14.07	14.07	14.07	14.07	14.07	10800	208	14.07	30800		
150404EN	0.4													
150408EN	0.8		17.82		17.82	17.82	17.82	17.82	11600		17.82	31600		
150412EN	1.2		17.82		17.82	17.82	17.82	17.82	11800		17.82	31800		
150604EN	0.4													
150608EN	0.8		18.48	18.48	18.48	18.48	18.48	18.48	12000		18.48	32000		
150612EN	1.2	18.48	12800	228	18.48	32800	18.48	13000	230	18.48	33000			
150616EN	1.6	18.48	13000	230	18.48	33000	18.48	13200	232	18.48	33200			
P			●	○	○	○	○	○	○	○	○	○	○	○
M			○	●	●	●	●	●	●	●	●	●	●	●
K														
N														
S								○					○	
H														
O														

DNMG

		NEW		NEW		NEW		NEW				
		-M60 CTCM120	-M60 CTPM125	-M60 CTCM130	-M34 CTPX710	-M42 CTPX710						
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN						
		M	M	M	M	M						
		DNMG	DNMG	DNMG	DNMG	DNMG						
		75 015 ...	75 015 ...	75 015 ...	75 004 ...	75 027 ...						
ISO	RE mm	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08						
150404EN	0.4				17.82	61600						
150408EN	0.8		17.82	11800	17.82	61800						
150412EN	1.2		17.82	12000	17.82	62000						
150608EN	0.8		18.48	13000	18.48	230	18.48	33000	19.52	63000	22.27	63000
150612EN	1.2		18.48	13200	18.48	232	18.48	33200	19.52	63200		
P			○	○	○	○	○	○	○	○	○	○
M			●	●	●	●	●	●	●	●	●	●
K												
N									○		○	
S								○	●		●	
H												
O												

DNGA

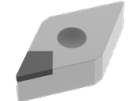
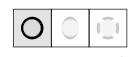
Designation	L mm	S mm	D1 mm	IC mm
DNGA 1504..	15.5	4.76	5.16	12.7
DNGA 1506..	15.5	6.35	5.16	12.7



DNGA

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

CTDPD20



F
DIAMOND
DNGA

71 128 ...

ISO	RE mm	TCE (NOI)	LE mm	£	Y0
150404FN	0.4	A (1)	6.4	101.96	10001
150408FN	0.8	A (1)	6.0	101.96	10101
150412FN	1.2	A (1)	5.6	119.63	10201
150604FN	0.4	A (1)	6.4	101.96	10301
150608FN	0.8	A (1)	6.0	101.96	10401
150612FN	1.2	A (1)	5.6	119.63	10501

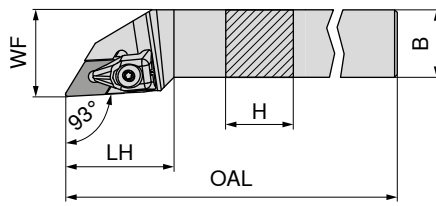
P	
M	
K	
N	●
S	
H	
O	●

9

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	88.11	816	88.11	816
DDJN R/L 2020 K11	20	20	125	33	25	2	DN.. 1104	98.18	820	98.18	820
DDJN R/L 2525 M11	25	25	150	33	32	2	DN.. 1104	101.55	825	101.55	825
DDJN R/L 2020 K15	20	20	125	40	25	4	DN.. 1504 / 1506	98.18	720	98.18	720
DDJN R/L 2525 M15	25	25	150	40	32	4	DN.. 1504 / 1506	101.55	725	101.55	725
DDJN R/L 3225 P15	32	25	170	40	32	4	DN.. 1504 / 1506	108.93	832	108.93	832

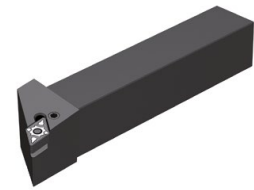
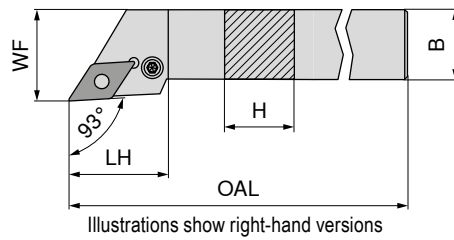
When using DN.. 1504 indexable inserts, use insert seat article no. 70 950 40000.

Spare parts for Article no.	XPress type		Key D		Clamping screw		Solid Carbide Seat D	
	£		£		£		£	
70 541 816 / 70 540 816	33.20	835	18.76	126	3.61	819	4.07	808
70 541 820 / 70 540 820	33.20	835	18.76	126	3.61	819	4.07	808
70 541 825 / 70 540 825	33.20	835	18.76	126	3.61	819	4.07	808
70 541 720 / 70 540 720	27.44	824	20.03	128	3.45	820	9.11	811
70 541 725 / 70 540 725	27.44	824	20.03	128	3.45	820	9.11	811
70 541 832 / 70 540 832	27.44	824	20.03	128	3.45	820	9.11	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
PDJN R/L 1616 H11	16	16	100	30.0	20	3	DN.. 1104
PDJN R/L 2020 K11	20	20	125	30.0	25	3	DN.. 1104
PDJN R/L 2525 M11	25	25	150	30.0	32	3	DN.. 1104
PDJN R/L 2020 K15	20	20	125	34.9	25	3,2	DN.. 1506
PDJN R/L 2525 M15	25	25	150	35.4	32	3,2	DN.. 1506
PDJN R/L 3225 P15	32	25	170	35.4	32	3,2	DN.. 1506
PDJN R/L 3232 P15	32	32	170	34.7	40	3,2	DN.. 1506

Left-hand 70 541 ...		Right-hand 70 540 ...	
£		£	
2A/24	88.11	2A/24	88.11
	116		116
	12000 ¹⁾		12000 ¹⁾
	98.18		98.18
	101.55		101.55
	12500 ¹⁾		12500 ¹⁾
	98.18		98.18
	020		020
	101.55		101.55
	025		025
	108.93		108.93
	032		032
	137.14		137.14
	13200		13200

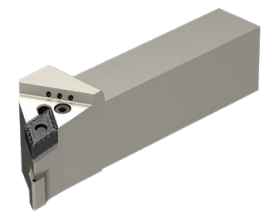
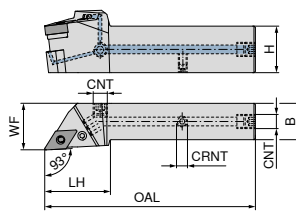
1) nickel-plated

Spare parts for Article no.	Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide Seat D		
	£		£		£		£		£		£		
70 540 116 / 70 541 116	2A/28	2.83	175	2.37	122	1.42	191	17.28	121	3.69	208	8.31	120
70 540 12000 / 70 541 12000	2A/28	2.83	175	2.37	122	1.42	191	17.28	121	3.69	208	8.31	120
70 540 12500 / 70 541 12500	2A/28	2.83	175	2.37	122	1.42	191	17.28	121	3.69	208	8.31	120
70 540 020 / 70 541 020	2A/28	2.83	176	2.03	198	1.42	192	15.79	188	4.38	388	9.11	236
70 540 025 / 70 541 025	2A/28	2.83	176	2.03	198	1.42	192	15.79	188	4.38	388	9.11	236
70 540 032 / 70 541 032	2A/28	2.83	176	2.03	198	1.42	192	15.79	188	4.38	388	9.11	236
70 540 13200 / 70 541 13200	2A/28	2.83	176	2.03	198	1.42	192	15.79	188	4.38	388	9.11	236

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

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

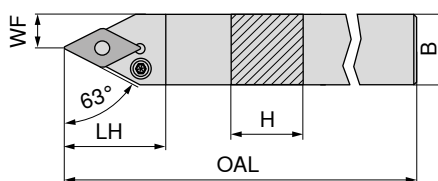
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	NEW Left-hand 70 593 ...		NEW Right-hand 70 593 ...	
										£		£	
PDJN R/L 2020 X11-T DC	20	20	104	35	25	M6	G1/8"	3	DN.. 1104	198.09	02000	198.09	02001
PDJN R/L 2525 X11-T DC	25	25	114	45	32	M6	G1/8"	3	DN.. 1104	208.52	02500	208.52	02501
PDJN R/L 2020 X15-T DC	20	20	114	45	25	M6	G1/8"	3,2	DN.. 1506	198.09	12000	198.09	12001
PDJN R/L 2525 X15-T DC	25	25	129	45	32	M6	G1/8"	3,2	DN.. 1506	208.52	12500	208.52	12501
PDJN R/L 3225 X15-T DC	32	25	145	45	32	M6	G1/8"	3,2	DN.. 1506	218.95	03200	218.95	03201
PDJN R/L 3232 X15-T DC	32	32	145	45	40	M6	G1/8"	3,2	DN.. 1506	218.95	13200	218.95	13201

Spare parts for Article no.	Key I		Shim		Assembly pin		Coolant screw plug		Lever		Clamping screw		Solid Carbide Seat D		Grubscrew	
	£		£		£		£		£		£		£		£	
70 593 02001 / 70 593 02000	2.83	175	2.37	122	1.42	191	4.11	294	17.28	121	3.69	208	8.31	120	3.35	86700
70 593 02501 / 70 593 02500	2.83	175	2.37	122	1.42	191	4.11	294	17.28	121	3.69	208	8.31	120	3.35	86700
70 593 12001 / 70 593 12000	2.83	176	2.03	198	1.42	192	4.11	294	15.79	188	4.04	209	9.11	236	3.35	86700
70 593 12501 / 70 593 12500	2.83	176	2.03	198	1.42	192	4.11	294	15.79	188	4.04	209	9.11	236	3.35	86700
70 593 03201 / 70 593 03200	2.83	176	2.03	198	1.42	192	4.11	294	15.79	188	4.04	209	9.11	236	3.35	86700
70 593 13201 / 70 593 13200	2.83	176	2.03	198	1.42	192	4.11	294	15.79	188	4.04	209	9.11	236	3.35	86700

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

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

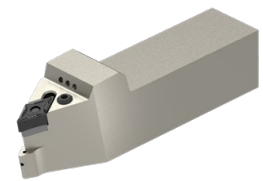
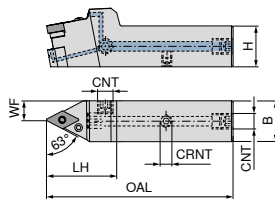
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand 70 537 ...		Right-hand 70 536 ...	
								£		£	
PDNN R/L 2525 M11	25	25	150	30.0	12.5	3	DN.. 1104	101.55	125	101.55	125
PDNN R/L 2525 M15	25	25	150	36.5	12.5	3,2	DN.. 1506	101.55	025	101.55	025

Spare parts for Article no.	Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide Seat D	
	£		£		£		£		£		£	
70 537 125 / 70 536 125	2.83	175	2.37	122	1.42	191	17.28	121	3.69	208	8.31	120
70 537 025 / 70 536 025	2.83	176	2.03	198	1.42	192	15.79	188	4.38	388	9.11	236

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

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

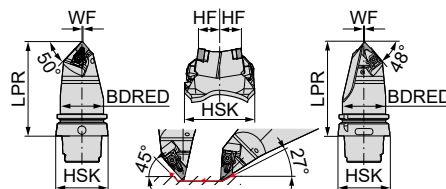
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	NEW Left-hand		NEW Right-hand	
										£		£	
PDNN R/L 2525 X11-T DC	25	25	114	45	12.5	M6	G1/8"	3	DN.. 1104	208.52	02500	208.52	02501
PDNN R/L 2525 X15-T DC	25	25	119	50	12.5	M6	G1/8"	3,2	DN.. 1506	208.52	12500	208.52	12501

Spare parts for Article no.	Key I		Shim		Assembly pin		Coolant screw plug		Lever		Clamping screw		Solid Carbide Seat D		Grubscrew	
	£		£		£		£		£		£		£		£	
70 594 02501 / 70 594 02500	2.83	175	2.37	122	1.42	191	4.11	294	17.28	121	3.69	208	8.31	120	3.35	86700
70 594 12501 / 70 594 12500	2.83	176	2.03	198	1.42	192	4.11	294	15.79	188	4.04	209	9.11	236	3.35	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	
								£	
HSK T63 DCMN L 12 + DDMN L 15	HSK-T 63	115	53	0.5	20	4	CN.. 1204 / DN.. 1506	1,026.64	501
HSK T100 DCMN L 12 + DDMN L 15	HSK-T 100	150	88	0.5	20	4	CN.. 1204 / DN.. 1506	1,172.24	701

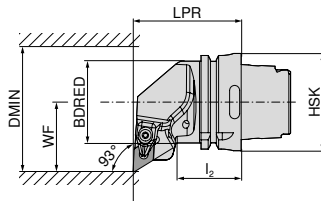
1 Face turning maximum 78 mm

Spare parts for Article no.	XPress type		Key D		Clamping screw		Solid Carbide Seat D		Carbide type C	
	£		£		£		£		£	
74 600 501	27.44	824	20.03	128	3.45	820	9.11	811	9.11	810
74 600 701	27.44	824	20.03	128	3.45	820	9.11	811	9.11	810

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

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



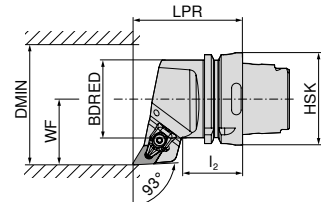
ISO designation	Adapter	LPR mm	l ₂ mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£		£	
HSK T63 DDUN R/L 15	HSK-T 63	70	42	53	45	125	4	DN.. 1506	74 516 ...		74 515 ...	
HSK T100 DDUN R/L 15	HSK-T 100	80	45	88	55	125	4	DN.. 1506	2D/80 396.51	515	2D/80 396.51	515
									465.48	715	465.48	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	27.44	824	20.03	128	3.45	820	9.11	811
	27.44	824	20.03	128	3.45	820	9.11	811

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

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



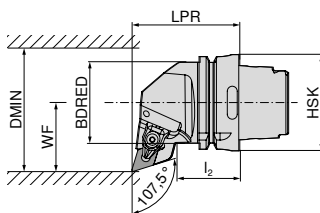
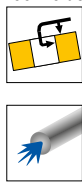
ISO designation	Adapter	LPR mm	l ₂ mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£		£	
HSK T63 DDJN R/L 15	HSK-T 63	75	42	53	45	125	4	DN.. 1506	74 512 ...		74 511 ...	
HSK T100 DDJN R/L 15	HSK-T 100	85	45	88	55	125	4	DN.. 1506	2D/80 396.51	515	2D/80 396.51	515
									465.48	715	465.48	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	27.44	824	20.03	128	3.45	820	9.11	811
	27.44	824	20.03	128	3.45	820	9.11	811

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

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



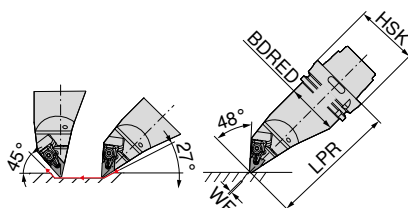
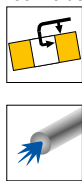
ISO designation	Adapter	LPR mm	l ₂ mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£	515	£	515
HSK T63 DDHN R/L 15	HSK-T 63	70	42	53	45	125	4	DN.. 1506	74 508 ...		74 507 ...	
									£		£	
									2D/80		2D/80	
									396.51	515	396.51	515

Spare parts for Article no.	74 508 515 / 74 507 515	XPress type		Key D		Clamping screw		Solid Carbide Seat D	
		£	824	£	128	£	820	£	811
		70 950 ...		80 950 ...		70 950 ...		70 950 ...	
		£		£		£		£	
		2A/28		Y7		2A/28		2A/28	
		27.44	824	20.03	128	3.45	820	9.11	811

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

Scope of supply:

Tool holder with Torx key



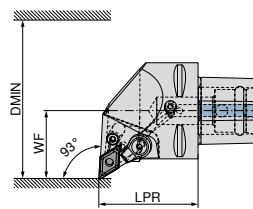
ISO designation	Adapter	LPR mm	BDRED mm	WF mm	torque moment Nm	Insert	Left-hand	
							£	515
HSK T63 DDMN L 15	HSK-T 63	130	53	0	4	DN.. 1506	74 519 ...	
HSK T100 DDMN L 15	HSK-T 100	160	88	0	4	DN.. 1506		
							£	
							2D/80	
							543.94	515
							639.77	715

Spare parts for Article no.	74 519 515	74 519 715	XPress type		Key D		Clamping screw		Solid Carbide Seat D	
			£	824	£	128	£	820	£	811
			70 950 ...		80 950 ...		70 950 ...		70 950 ...	
			£		£		£		£	
			2A/28		Y7		2A/28		2A/28	
			27.44	824	20.03	128	3.45	820	9.11	811
			27.44	824	20.03	128	3.45	820	9.11	811

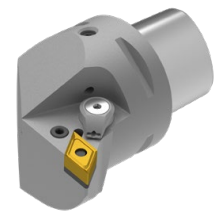
MaxiLock-N – PDUN 93° – Toolholder with lever clamping

Scope of supply:

without high-performance coolant set



Illustrations show right-hand versions



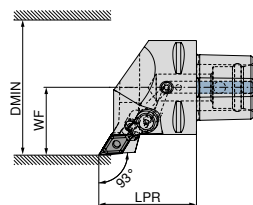
ISO designation	Adapter	LPR mm	WF mm	DMIN mm	torque moment Nm	Insert	Direct cooling compatible	Left-hand		Right-hand	
								£	Y8	£	Y8
PSC40 PDUN R/L 50050-15	PSC 40	50	27	50	5	DN.. 1504 / 1506	DC	605.68	01595	605.68	01595
PSC50 PDUN R/L 65060-15	PSC 50	60	35	65	5	DN.. 1504 / 1506	DC	666.86	01594	666.86	01594
PSC63 PDUN R/L 80065-15	PSC 63	65	45	80	5	DN.. 1504 / 1506	DC	757.09	01593	757.09	01593

Spare parts for Article no.	Shim		Elbow lever screw		Lever		Solid Carbide Seat D	
	£	Y8	£	Y8	£	Y8	£	Y8
84 660 01593 / 84 660 01594	3.07	29200	11.96	28700	41.35	28900	63.75	27900
84 660 01595 / 84 661 01593	3.07	29200	11.96	28700	41.35	28900	63.75	27900
84 661 01594 / 84 661 01595	3.07	29200	11.96	28700	41.35	28900	63.75	27900

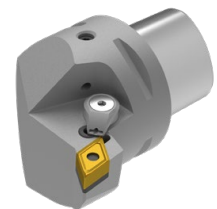
MaxiLock-N – PDJN 93° – Toolholder with lever clamping

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	605.68	01595	605.68	01595
PSC50 PDJN R/L 65060-15	PSC 50	60	35	65	5	DN.. 1504 / 1506	DC	666.86	01594	666.86	01594
PSC63 PDJN R/L 80065-15	PSC 63	65	45	80	5	DN.. 1504 / 1506	DC	757.09	01593	757.09	01593

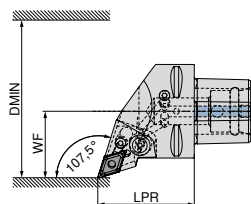
Spare parts	Shim		Elbow lever screw		Lever		Solid Carbide Seat D	
	£	Y8	£	Y8	£	Y8	£	Y8
Adapter	3.07	29200	11.96	28700	41.35	28900	63.75	27900
PSC 40	3.07	29200	11.96	28700	41.35	28900	63.75	27900
PSC 50	3.07	29200	11.96	28700	41.35	28900	63.75	27900
PSC 63	3.07	29200	11.96	28700	41.35	28900	63.75	27900

The high-performance coolant set with article number 84 950 27400 can be ordered as an optional extra → Page 39.
When using DN1504.. inserts Shim item no. 84 950 28200

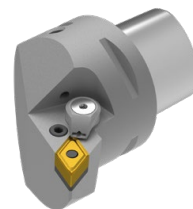
MaxiLock-N – PDHN 107,5° – Toolholder with lever clamping

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	
								£	01595	£	01595
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	£ Y8	605.68	£ Y8	605.68
PSC63 PDHN R/L 80065-15	PSC 63	65	45	80	5	DN.. 1504 / 1506	DC	666.86	01594	666.86	01594
								757.09	01593	757.09	01593

Spare parts

for Article no.

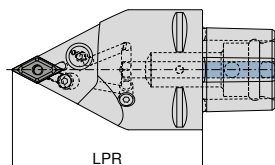
84 668 01595 / 84 669 01595	£ Y8	29200	11.96	28700	41.35	28900	63.75	27900
84 668 01594 / 84 669 01594	£ Y8	29200	11.96	28700	41.35	28900	63.75	27900
84 668 01593 / 84 669 01593	£ Y8	29200	11.96	28700	41.35	28900	63.75	27900

Shim	Elbow lever screw	Lever	Solid Carbide Seat D
84 950 ...	84 950 ...	84 950 ...	84 950 ...
£ Y8	£ Y8	£ Y8	£ Y8
3.07	11.96	41.35	63.75
29200	28700	28900	27900

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	
						£	01593
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	£ Y8	01593
						757.09	11593

Spare parts
for Article no.

84 676 01593	£ Y8	29200	11.96	28700	41.35	28900	63.75	27900
84 676 11593	£ Y8	29200	11.96	28700	41.35	28900	63.75	27900

Shim	Elbow lever screw	Lever	Solid Carbide Seat D
84 950 ...	84 950 ...	84 950 ...	84 950 ...
£ Y8	£ Y8	£ Y8	£ Y8
3.07	11.96	41.35	63.75
29200	28700	28900	27900



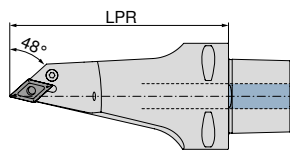
The high-performance coolant set with article number 84 950 27400 can be ordered as an optional extra → Page 39.

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
932.82 11593

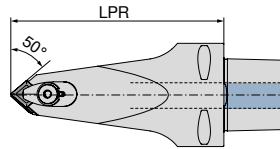
ISO designation	Adapter	LPR mm	torque moment Nm	Insert	Direct cooling compatible
PSC63 PDMN L 0130-15	PSC 63	130	5	DN.. 1504 / 1506	DC

Shim	Elbow lever screw	Lever	Solid Carbide Seat D
84 950 ...	84 950 ...	84 950 ...	84 950 ...
£ Y8 3.07 29200	£ Y8 11.96 28700	£ Y8 41.35 28900	£ Y8 63.75 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 39.**
When using DN1504.. inserts Shim item no. 84 950 28200

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



Neutral
84 683 ...
£ Y8
1,184.80 01293

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

Clamping Screw	Clamping claw	Ring-shaped nozzle	Clamping screw	Solid Carbide Seat D	Carbide type C
84 950 ... £ Y8 53.98 28300	84 950 ... £ Y8 63.95 28500	84 950 ... £ Y8 20.59 28400	84 950 ... £ Y8 12.74 27500	84 950 ... £ Y8 63.75 27900	84 950 ... £ Y8 34.66 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



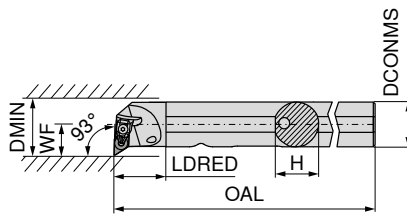
84 950 ...
£ Y8
273.34 27400

Coolant set

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

Scope of supply:

Boring bar with Torx key

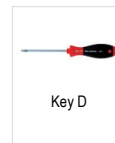


Illustrations show right-hand versions



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 ...	70 569 ...	70 568 ...
£ 2A/24	£ 2A/24	£ 256.51	£ 256.51
725	732	725	732
295.54	840	295.54	840



Spare parts for Article no.

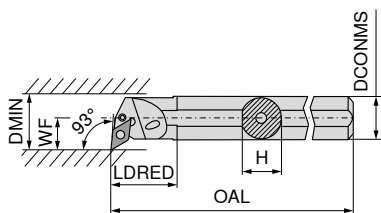
	70 950 ...	80 950 ...	70 950 ...	70 950 ...
	£ 2A/28	£ Y7	£ 2A/28	£ 2A/28
70 568 725 / 70 569 725	33.20	835	T09 - IP	18.76
70 568 732 / 70 569 732	33.20	835	T09 - IP	18.76
70 568 840 / 70 569 840	27.44	824	T15 - IP	20.03
			M3x7 - IP	3.61
			M3x7 - IP	3.61
			M4,5x12 - IP	3.45
				819
				819
				820
				811
				808
				808

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 70 569 ...		Right-hand 70 568 ...	
									£		£	
A20Q PDUN R/L 11	20	18.5	180	36	16.0	28	3	DN.. 1104	230.18	12000 ¹⁾	230.18	12000 ¹⁾
A25R PDUN R/L 11	25	23.0	200	36	18.5	32	3	DN.. 1104	256.51	125	256.51	12500 ¹⁾
A32S PDUN R/L 11	32	30.0	250	36	22.0	40	3	DN.. 1104	265.30	13200 ¹⁾	265.30	132
A32S PDUN R/L 15	32	30.0	250	50	22.0	40	3,2	DN.. 1506	265.30	232	265.30	232
A40T PDUN R/L 15	40	38.0	300	60	27.0	50	3,2	DN.. 1506	295.54	240	295.54	240
S50W PDUN R/L 15	50	47.0	450	31	35.0	63	3,2	DN.. 1506	365.72	050	365.72	050

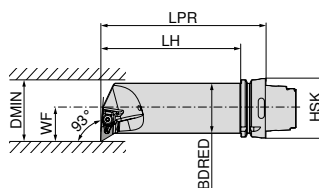
1) nickel-plated

Spare parts for Article no.	Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide Seat D			
	£		£		£		£		£		£			
70 568 12000 / 70 569 12000	2A/28	2.83	175	2A/28	2.37	122	1.42	191	17.28	125	2.50	126	8.31	120
70 568 12500 / 70 569 125	2A/28	2.83	175	2A/28	2.37	122	1.42	191	17.28	121	3.69	208	8.31	120
70 568 132 / 70 569 13200	2A/28	2.83	175	2A/28	2.03	198	1.42	192	17.28	121	3.69	208	9.11	236
70 568 232 / 70 569 232	2A/28	2.83	176	2A/28	2.03	198	1.42	192	15.79	188	4.04	209	9.11	236
70 568 240 / 70 569 240	2A/28	2.83	176	2A/28	2.03	198	1.42	192	15.79	188	4.04	209	9.11	236
70 568 050 / 70 569 050	2A/28	2.83	176	2A/28	2.03	198	1.42	192	15.79	188	4.38	388	9.11	236

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

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions

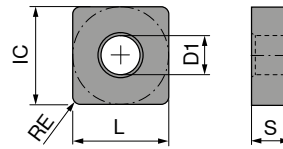


ISO designation	Adapter	LPR mm	LH mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 74 533 ...		Right-hand 74 532 ...	
									£		£	
HSK T63 50Q DDUN R/L 15	HSK-T 63	175	149	50	35	63	4	DN.. 1506	2D/80	515	2D/80	515
									543.94	515	543.94	515

Spare parts for Article no.	XPress type		Key D		Clamping screw		Solid Carbide Seat D				
	£		£		£		£				
74 533 515 / 74 532 515	2A/28	27.44	824	Y7	20.03	128	M4,5x12 - IP	3.45	820	9.11	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

		NEW		NEW		NEW		NEW		NEW		NEW			
		-F50		-F50		-F50		-M50		-M50		-M50		-M70	
		CTCP115-P		CTCP125-P		CTCP135-P		CTCP115-P		CTCP125-P		CTCP135-P		CTCK110	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F		F		F		M		M		M		M	
		SNMG		SNMG		SNMG		SNMG		SNMG		SNMG		SNMG	
		76 140 ...		76 140 ...		76 140 ...		76 137 ...		76 137 ...		76 137 ...		70 225 ...	
ISO	RE mm	£		£		£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
090308EN	0.8	8.56	30601	8.56	50601	8.56	70601								
120404EN	0.4	13.43	31601	13.43	51601	13.43	71601								
120408EN	0.8	13.43	31801	13.43	51801	13.43	71801	13.43	31801	13.43	51801	13.43	71801	13.43	018
120412EN	1.2	13.43	32001	13.43	52001	13.43	72001	13.43	32001	13.43	52001	13.43	72001	13.43	020
120416EN	1.6							13.43	32201	13.43	52201	13.43	72201	13.43	022
150608EN	0.8									21.31	53001	21.31	73001		
150608EN	1.6							21.31	33001						
150612EN	1.2							21.31	33201	21.31	53201	21.31	73201	21.31	032
150616EN	1.6							21.31	33401	21.31	53401	21.31	73401	21.31	034
190612EN	1.2													30.10	044
190616EN	1.6													30.10	046
P			●		●		●		●		●		●		○
M							○						○		
K			○		○				○		○				●
N															
S															
H															
O															

SNMG / SNMA

ISO	RE mm	NEW -M70 CTCP115-P		NEW -M70 CTCP125-P		NEW -M70 CTCP135-P		CTCK110		NEW -M70 CTCK120	
		£		£		£		£		£	
120408EN	0.8	13.43	31801	13.43	51801	13.43	71801	13.43	018	13.43	518
120412EN	1.2	13.43	32001	13.43	52001	13.43	72001	13.43	020	13.43	520
120416EN	1.6	13.43	32201	13.43	52201	13.43	72201	13.43	022	13.43	522
150612EN	1.2	21.31	33201	21.31	53201	21.31	73201	21.31	032	21.31	532
150616EN	1.6	21.31	33401	21.31	53401	21.31	73401	21.31	034	21.31	534
190612EN	1.2	30.10	34401	30.10	54401	30.10	74401	30.10	044	30.10	544
190616EN	1.6	30.10	34601	30.10	54601	30.10	74601	30.10	046	30.10	546
190624EN	2.4	30.10	34801	30.10	54801	30.10	74801				

P											
M											
K											
N											
S											
H											
O											

9

SNMA / SNMM

ISO	RE mm	CTCK120		NEW -R28 CTCP115-P		NEW -R28 CTCP125-P		NEW -R28 CTCP135-P		NEW -R58 CTCP115-P		NEW -R58 CTCP125-P		NEW -R58 CTCP135-P	
		£		£		£		£		£		£		£	
120408EN	0.8	13.43	518							13.43	31801	13.43	51801	13.43	71801
120412EN	1.2	13.43	520							13.43	32001	13.43	52001	13.43	72001
120416EN	1.6	13.43	522												
150612EN	1.2	21.31	532	21.31	33201	21.31	53201	21.31	73201	21.31	33201	21.31	53201	21.31	73201
150616EN	1.6	21.31	534	21.31	33401	21.31	53401	21.31	73401	21.31	33401	21.31	53401	21.31	73401
190612EN	1.2	30.10	544							30.10	34401	30.10	54401	30.10	74401
190616EN	1.6	30.10	546	30.10	34601	30.10	54601	30.10	74601	30.10	34601	30.10	54601	30.10	74601
190624EN	2.4									30.10	34801	30.10	54801	30.10	74801
250724EN	2.4							59.16	76001	59.16	36001	59.16	56001	59.16	76001
250924EN	2.4			69.48	37001	69.48	57001	69.48	77001	69.48	37001	69.48	57001	69.48	77001

P															
M															
K															
N															
S															
H															
O															

SNMM / SNMG

		NEW		NEW		NEW									
		-R88		-R88		-R88		-F30		-F30		-F30		-M30	
		CTCP115-P		CTCP125-P		CTCP135-P		CTCM120		CTPM125		CTCM130		CTCM120	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		R		R		R		F		F		F		M	
		SNMM		SNMM		SNMM		SNMG		SNMG		SNMG		SNMG	
		76 130 ...		76 130 ...		76 130 ...		75 016 ...		75 016 ...		75 016 ...		75 017 ...	
		£		£		£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
ISO	RE mm														
120404EN	0.4							13.43 11600		13.43 216		13.43 31600		13.43 11800	
120408EN	0.8							13.43 11800		13.43 218		13.43 31800		13.43 12000	
120412EN	1.2														
190616SN	1.6	30.10	34601	30.10	54601	30.10	74601								
190624SN	2.4	30.10	34801	30.10	54801	30.10	74801								
250724SN	2.4	59.16	36001	59.16	56001	59.16	76001								
250924SN	2.4	69.48	37001	69.48	57001	69.48	77001								
P		●		●		●		○		○		○		○	
M		●		●		○		●		●		●		●	
K		○		○											
N															
S												○			
H															
O															

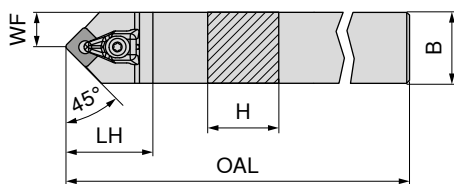
SNMG

		-M30		-M30		-M60		-M60		-M60		-M34	
		CTPM125		CTCM130		CTCM120		CTPM125		CTCM130		CTPX710	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M		M		M		M		M		M	
		SNMG		SNMG		SNMG		SNMG		SNMG		SNMG	
		75 017 ...		75 017 ...		75 018 ...		75 018 ...		75 018 ...		75 005 ...	
		£		£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
ISO	RE mm												
120408EN	0.8	13.43 218		13.43 31800		13.43 11800		13.43 218		13.43 31800		14.08 61800	
120412EN	1.2			13.43 32000		13.43 12000		13.43 210		13.43 32000		14.08 62000	
120416EN	1.6					13.43 12200		13.43 220		13.43 32200			
P		○		○		○		○		○		●	
M		●		●		●		●		●		●	
K		○		○		○		○		○		○	
N												○	
S				○						○		●	
H													
O													

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

Scope of supply:

Tool holder with Torx key



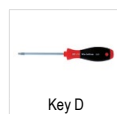
Neutral

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	70 516 ...
DSDN N 2020 K12	20	20	125	38	10.3	4	SN.. 1204	£ 98.18 620
DSDN N 2525 M12	25	25	150	38	12.5	4	SN.. 1204	£ 101.55 625



XPRESS type

70 950 ...



Key D

80 950 ...



Clamping screw

70 950 ...



Solid Carbide support S

70 950 ...

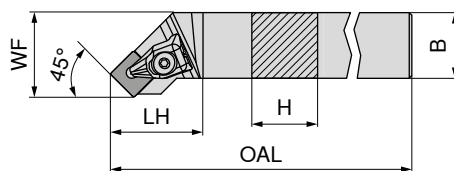
Spare parts for Article no.

Article no.	£	824	T15 - IP	£	128	M4,5x12 - IP	£	820	£	813
70 516 620	2A/28	27.44	20.03	Y7	128	M4,5x12 - IP	2A/28	3.45	9.11	813
70 516 625	2A/28	27.44	20.03	Y7	128	M4,5x12 - IP	2A/28	3.45	9.11	813

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

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



Left-hand

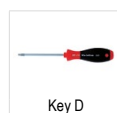
Right-hand

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	70 513 ...	70 512 ...
DSSN R/L 2020 K12	20	20	125	35	25	4	SN.. 1204	£ 2A/24 98.18 620	£ 2A/24 98.18 620
DSSN R/L 2525 M12	25	25	150	35	32	4	SN.. 1204	£ 101.55 625	£ 101.55 625
DSSN R/L 3225 P12	32	25	170	35	32	4	SN.. 1204	£ 108.93 632	£ 108.93 632



XPRESS type

70 950 ...



Key D

80 950 ...



Clamping screw

70 950 ...



Solid Carbide support S

70 950 ...

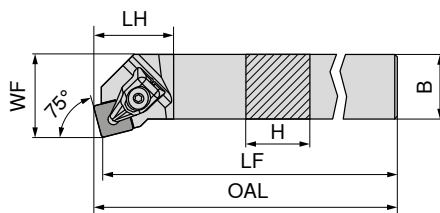
Spare parts for Article no.

Article no.	£	824	T15 - IP	£	128	M4,5x12 - IP	£	820	£	813
70 512 620 / 70 513 620	2A/28	27.44	20.03	Y7	128	M4,5x12 - IP	2A/28	3.45	9.11	813
70 512 625 / 70 513 625	2A/28	27.44	20.03	Y7	128	M4,5x12 - IP	2A/28	3.45	9.11	813
70 512 632 / 70 513 632	2A/28	27.44	20.03	Y7	128	M4,5x12 - IP	2A/28	3.45	9.11	813

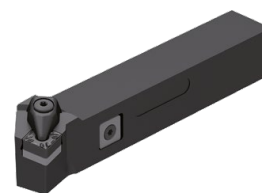
MaxiLock-D – DSKN 75° – Toolholder with top clamping

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
DSKN R/L 2525 M12	25	25	153.3	150	28	32	4	SN.. 1204

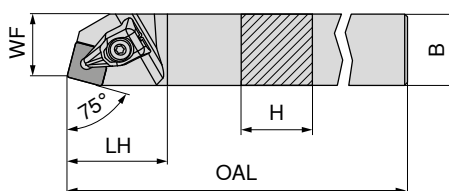
Left-hand 70 525 ...		Right-hand 70 524 ...	
£		£	
2A/24		2A/24	
101.55	625	101.55	625

Spare parts for Article no.		70 950 ...		80 950 ...		70 950 ...		70 950 ...	
£		£		£		£		£	
70 525 625 / 70 524 625		2A/28	824	Y7	128	2A/28	820	2A/28	813
		27.44		20.03		3.45		9.11	

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
DSBN R 2020 K12	20	20	125	35	17	4	SN.. 1204
DSBN R 2525 M12	25	25	150	35	22	4	SN.. 1204
DSBN R 2525 M15	25	25	150	42	22	6,5	SN.. 1506
DSBN R 3232 P15	32	32	170	42	27	6,5	SN.. 1506
DSBN R 3232 P19	32	32	170	48	27	6,5	SN.. 1906
DSBN R 4040 S19	40	40	250	48	35	6,5	SN.. 1906
DSBN R 4040 S25	40	40	250	57	35	6,5	SN.. 2507 / SN.. 2509

Right-hand 70 520 ...	
£	
2A/24	
98.18	620
101.55	625
101.55	725
137.14	832
137.14	732
170.50	840
170.50	940

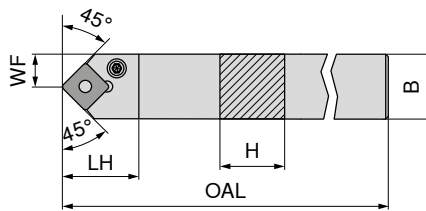
When using SN.. 2509 indexable inserts, use insert seat article no. 70 950 40100.

Spare parts for Article no.		70 950 ...		80 950 ...		70 950 ...		70 950 ...	
£		£		£		£		£	
70 520 620		2A/28	824	Y7	128	2A/28	820	2A/28	813
70 520 625		27.44		20.03		3.45		9.11	
70 520 725		27.44		20.03		3.45		9.11	
70 520 832		30.80	825	21.03	129	4.89	821	13.91	833
70 520 832		30.80		21.03		4.89		13.91	
70 520 732		33.70	826	21.03	129	4.89	821	14.91	817
70 520 840		33.70		21.03		4.89		14.91	
70 520 940		52.50	827	17.13	122	9.28	822	27.82	818

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

Scope of supply:

Tool holder with allen key



ISO designation	H	B	OAL	LH	WF	torque moment	Insert
	mm	mm	mm	mm	mm	Nm	
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

Neutral

70 516 ...

£

2A/24

98.18 020

101.55 025

108.93 03200

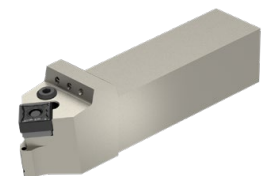
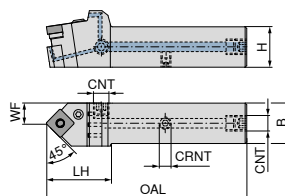
170.50 04000

Spare parts for Article no.	Key I	Shim	Assembly pin	Lever	Clamping screw	Solid Carbide support S
70 516 020	SW3					
70 516 025	SW3					
70 516 03200	SW4					
70 516 04000	SW5					

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

Scope of supply:

Tool holder with allen key



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

NEW

Neutral

70 596 ...

£

2A/24

198.09 02000

208.52 02500

208.52 12500

218.95 03200

218.95 13200

250.25 04000

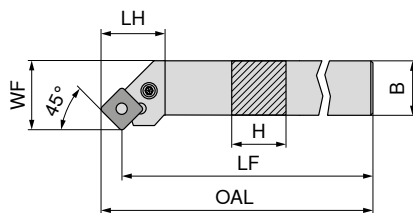
Spare parts for Article no.	Key I	Shim	Assembly pin	Coolant screw plug	Lever	Clamping screw	Solid Carbide support S	Grubscrew
70 596 02000	SW3							
70 596 02500	SW3							
70 596 12500	SW3							
70 596 03200	SW4							
70 596 13200	SW4							
70 596 04000	SW5							

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

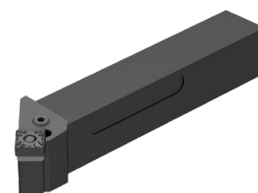
MaxiLock-N – PSSN 45° – Toolholder with lever clamping

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 70 513 ...		Right-hand 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	98.18	020	98.18	020
PSSN R/L 2525 M12	25	25	159.0	150	29.3	32	4	SNM. 1204	101.55	025	101.55	025
PSSN R/L 3225 P12	32	25	179.0	170	29.3	32	4	SNM. 1204	108.93	032	108.93	032
PSSN R 2525 M15	25	25	161.2	150	32.5	32	4	SNM. 1506			101.55	125
PSSN R 3232 P15	32	32	181.2	170	38.9	40	4	SNM. 1506			137.14	132
PSSN R 3232 P19	32	32	183.5	170	41.2	40	8	SNM. 1906			137.14	232
PSSN L 3232 P19	32	32	183.5	170	40.2	40	8	SNM. 1906	137.14	232		
PSSN R 4040 S25	40	40	268.0	250	50.8	50	8	SNM. 2507 / 2509			167.29	04000

1) nickel-plated

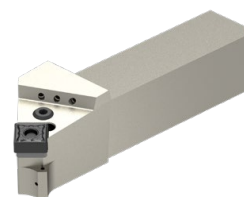
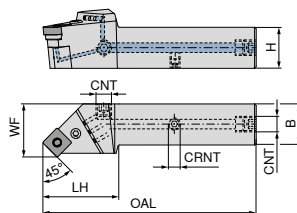
When using SN.. 2509 indexable inserts, use insert seat article no. 70 950 40200.

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	2.83	175	2.03	197	1.42	191	14.42	185	3.69	208	7.05	229
70 512 020 / 70 513 020	SW3	2.83	176	2.03	198	1.42	192	14.54	187	4.04	209	7.05	230
70 512 025 / 70 513 025	SW3	2.83	176	2.03	198	1.42	192	14.54	187	4.04	209	7.05	230
70 512 032 / 70 513 032	SW3	2.83	176	2.03	198	1.42	192	14.54	187	4.04	209	7.05	230
70 512 125	SW3	2.83	176	1.28	391	1.42	394	14.42	385	4.38	388	14.42	382
70 512 132	SW3	2.83	176	1.28	391	1.42	394	14.42	385	4.38	388	14.42	382
70 512 232	SW4	2.98	396	2.03	392	1.42	395	22.06	386	4.38	389	22.17	383
70 513 232	SW4	2.98	396	2.03	392	1.42	395	22.06	386	4.38	389	22.17	383
70 512 04000	SW5	4.26	265	1.28	621	2.19	623	29.81	620	2.62	622	45.62	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	Right-hand	
										70 597 ...	70 597 ...	
										£	£	
PSSN R/L 2020 X12-T DC	20	20	111.9	42.9	25	M6	G1/8"	4	SNM. 1204	2A/24	2A/24	
PSSN R/L 2525 X12-T DC	25	25	129.9	45.9	32	M6	G1/8"	4	SNM. 1204	198.09	198.09	
PSSN R/L 3225 X12-T DC	32	25	145.9	45.9	32	M6	G1/8"	4	SNM. 1204	208.52	208.52	
PSSN R 2525 X15-T DC	25	25	131.5	47.5	32	M6	G1/8"	4	SNM. 1506	218.95	218.95	
PSSN R 3232 X15-T DC	32	32	145.9	45.9	40	M6	G1/8"	4	SNM. 1506		208.52	
PSSN R/L 3232 X19-T DC	32	32	151.8	51.8	40	M6	G1/8"	8	SNM. 1906		229.38	
PSSN R 4040 X25-T DC	40	40	189.6	64.6	50	M6	G1/8"	8	SNM. 2507 / 2509	229.38	229.38	
										13200	04001	
											02000	02501
											03200	03201
												12501
												13201
												23201
												250.25
												04001

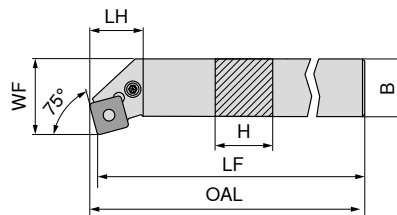
When using SN.. 2509 indexable inserts, use insert seat article no. 70 950 40200.

Spare parts for Article no.	Key I		Shim		Assembly pin		Coolant screw plug		Lever		Clamping screw		Solid Carbide support S		Grubscrew	
	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...
70 597 02001 / 70 597 02000	2.83	176	2.03	198	1.42	192	4.11	294	14.54	187	4.04	209	7.05	230	3.35	86700
70 597 02501 / 70 597 02500	2.83	176	2.03	198	1.42	192	4.11	294	14.54	187	4.04	209	7.05	230	3.35	86700
70 597 03201 / 70 597 03200	2.83	176	2.03	198	1.42	192	4.11	294	14.54	187	4.04	209	7.05	230	3.35	86700
70 597 12501	2.83	176	1.28	391	1.42	394	4.11	294	14.42	385	4.38	388	14.42	382	3.35	86700
70 597 13201	2.83	176	1.28	391	1.42	394	4.11	294	14.42	385	4.38	388	14.42	382	3.35	86700
70 597 23201 / 70 597 13200	2.98	396	2.03	392	1.42	395	4.11	294	22.06	386	4.38	389	22.17	383	3.35	86700
70 597 04001	4.26	265	1.28	621	2.19	623	4.11	294	29.81	620	2.62	622	45.62	27600	3.35	86700

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

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions



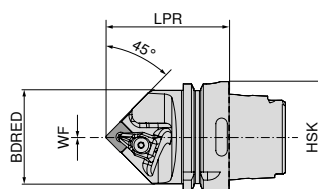
ISO designation	H mm	LF mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£		£	
PSKN R/L 1616 H09	16	100	16	102.5	18.7	20	3	SNM. 0903	2A/24	016	2A/24	016
PSKN R/L 2020 K12	20	125	20	128.3	24.1	25	4	SNM. 1204	98.18	020	98.18	020
PSKN R/L 2525 M12	25	150	25	153.3	24.1	32	4	SNM. 1204	101.55	025	101.55	025
PSKN R/L 3225 P12	32	170	25	173.1	24.1	32	4	SNM. 1204	108.93	03200	108.93	03200
PSKN R 4040 S19	40	250	40	254.6	38.3	50	8	SNM. 1906			170.50	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	2.83	176	2.03	198	1.42	192	14.42	187	3.69	209	7.05	230
70 524 025 / 70 525 025	2.83	176	2.03	198	1.42	192	14.54	187	4.04	209	7.05	230
70 524 03200 / 70 525 03200	2.83	176	2.03	198	1.42	192	14.54	187	4.04	209	7.05	230
70 524 04000	2.98	396	2.03	392	1.42	395	22.06	386	4.38	389	22.17	383

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

Scope of supply:

Tool holder with Torx key



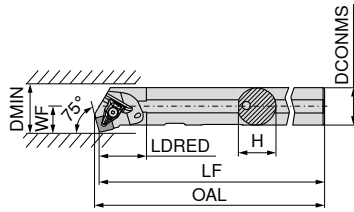
ISO designation	Adapter	LPR mm	BDRED mm	WF mm	torque moment Nm	Insert	Neutral	
							£	
HSK T63 DSDN N 12	HSK-T 63	70	53	0	4	SN.. 1204	2D/80	512
HSK T63 DSDN N 15	HSK-T 63	75	53	0	4	SN.. 1506	396.51	515
HSK T100 DSDN N 12	HSK-T 100	80	88	0	4	SN.. 1204	465.48	712
HSK T100 DSDN N 19	HSK-T 100	85	88	0	8	SN.. 1906	465.48	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	27.44	825	20.03	129	3.45	821	9.11	833
74 522 712	30.80	824	21.03	128	4.89	820	13.91	813
74 522 719	27.44	826	20.03	129	3.45	821	9.11	817
	33.70	826	21.03	129	4.89	821	14.91	817

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

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions



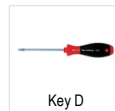
ISO designation	DCONMS mm	H mm	LF mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
										£		£	
A32S DSKN R/L 12	32	31	250	254.2	40	22	40	4	SN.. 1204	£ 2A/24 265.30	832	£ 2A/24 265.30	832



XPress type

70 950 ...

£
2A/28
27.44



Key D

80 950 ...

£
Y7
20.03



Clamping screw

70 950 ...

£
2A/28
3.45



Solid Carbide support S

70 950 ...

£
2A/28
9.11

Spare parts
for Article no.

70 560 832 / 70 561 832

824

T15 - IP

128

M4,5x12 - IP

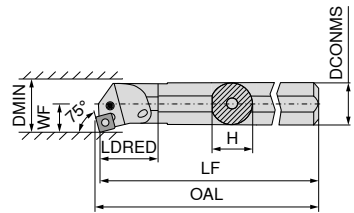
820

813

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

Scope of supply:

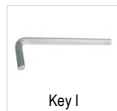
Boring bar with Allen key



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	£ 2A/24 256.51	225	£ 2A/24 256.51	225
A32S PSKN R/L 12	32	30	250	253	50	22	40	4	SNM. 1204	£ 2A/24 265.30	232	£ 2A/24 265.30	232
A40T PSKN R/L 12	40	38	300	303	60	27	50	4	SNM. 1204	£ 2A/24 295.54	240	£ 2A/24 295.54	240



Key I

70 950 ...

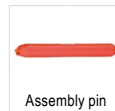
£
2A/28
2.83



Shim

70 950 ...

£
2A/28
2.03



Assembly pin

70 950 ...

£
2A/28
1.42



Lever

70 950 ...

£
2A/28
14.54



Clamping screw

70 950 ...

£
2A/28
4.93



Solid Carbide support S

70 950 ...

£
2A/28
7.05

Spare parts
for Article no.

70 561 225 / 70 560 225

SW3

176

198

192

187

205

230

70 561 232 / 70 560 232

SW3

176

198

192

187

205

230

70 561 240 / 70 560 240

SW3

176

198

192

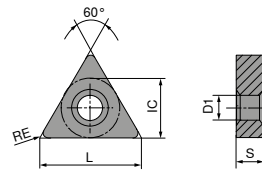
187

209

230

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		7.43 30401	7.43 50401	7.43 70401								
110308EN	0.8		7.43 30601	7.43 50601	7.43 70601								
160404EN	0.4	11.67 016	11.77 31601	11.77 51601	11.77 71601	11.77 31601	11.77 51601	11.77 71601					
160408EN	0.8	11.67 018	11.77 31801	11.77 51801	11.77 71801	11.77 31801	11.77 51801	11.77 71801					
160412EN	1.2	11.67 020	11.77 32001	11.77 52001	11.77 72001	11.77 32001	11.77 52001	11.77 72001					
220408EN	0.8					15.90 33001	15.90 53001	15.90 73001					
220412EN	1.2					15.90 33201	15.90 53201	15.90 73201					
P		●	●	●	●	●	●	●	●				
M		○				○			○				
K		○	○	○	○	○	○	○	○				
N													
S													
H													
O													

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	£		£		£		£		£		£		£	
160404ER	0.4	1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	51601	12.12	71601
160408EL	0.8												11.77	51801	
160408EN	0.8	11.77	018	11.77	518	11.77	31801	11.77	51801	11.77	71801				
160408ER	0.8												11.77	51701	12.12
160412EN	1.2	11.77	020	11.77	520	11.77	32001	11.77	52001	11.77	72001				
220404EN	0.4							15.90	52801						
220408EN	0.8	15.90	030	15.90	530	15.90	33001	15.90	53001	15.90	73001				
220412EN	1.2	15.90	032	15.90	532	15.90	33201	15.90	53201	15.90	73201				
220416EN	1.6	15.90	034	15.90	534	15.90	33401	15.90	53401	15.90	73401				
P			○		○		●		●		●		●		●
M											○				○
K			●		●		○		○				○		
N															
S															
H															
O															

9

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	£		£		£		£		£		£		£	
160408EN	0.8	11.77	018	11.77	518										
160412EN	1.2	11.77	020	11.77	520										
160416EN	1.6	11.77	022	11.77	522										
220408EN	0.8	15.90	030	15.90	530										
220412EN	1.2	15.90	032	15.90	532							15.90	33201	15.90	53201
220416EN	1.6	15.90	034	15.90	534	15.90	33401	15.90	53401	15.90	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	F	F	F	M	M	M						
		TNMM	TNMG	TNMG	TNMG	TNMG	TNMG	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						
160404EN	0.4		11.77	11.77	11.77	11.77	11.77	11.77	11800	216	31600			
160408EN	0.8		11.77	11.77	11.77	11.77	11.77	11.77	11800	218	31800	11.77	31800	
160412EN	1.2					11.77	11.77	11.77	12000	220		11.77	32000	
220412EN	1.2	15.90	73201											
P		●	○	○	○	○	○	○						
M		○	●	●	●	●	●	●						
K														
N														
S						○								
H														
O														

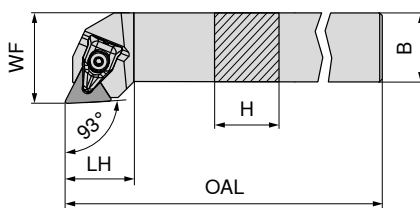
TNMG

		-M60 CTCM120	-M60 CTPM125	-M60 CTCM130	-M34 CTPX710				
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN				
		M	M	M	M				
		TNMG	TNMG	TNMG	TNMG				
		75 021 ...	75 021 ...	75 021 ...	75 006 ...				
ISO	RE mm	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08				
160408EN	0.8	11.77	11800	11.77	218	11.77	31800	11.68	61800
160412EN	1.2	11.77	12000	11.77	220	11.77	32000		
220404EN	0.4							16.79	62800
220408EN	0.8							16.79	63000
220416EN	1.6							16.79	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	
98.18	820	98.18	820
101.55	825	101.55	825

Spare parts
for Article no.

Article no.	£		Article no.	£		Article no.	£		Article no.	£	
70 590 820 / 70 591 820	27.82	823	T09 - IP	18.76	126	M3x7 - IP	3.61	819	70 950 820	8.02	847
70 590 825 / 70 591 825	27.82	823	T09 - IP	18.76	126	M3x7 - IP	3.61	819	70 950 825	8.02	847



XPress type

70 950 ...

£ 2A/28



Key D

80 950 ...

£ Y7



Clamping screw

70 950 ...

£ 2A/28



Solid Carbide Seat T

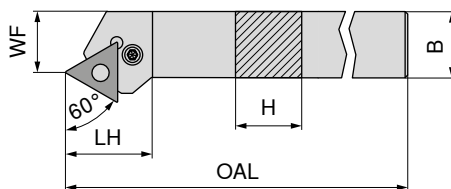
70 950 ...

£ 2A/28

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	
98.18	020	98.18	020
101.55	025	101.55	025

Spare parts
for Article no.

Article no.	£		Article no.	£		Article no.	£		Article no.	£	
70 529 020 / 70 528 020	2.83	175	SW2,5	2.03	197	70 950 020	14.42	185	70 950 020	8.02	225
70 529 025 / 70 528 025	2.83	176	SW3	2.03	198	70 950 025	14.54	187	70 950 025	11.46	226



Key I

70 950 ...

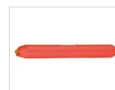
£ 2A/28



Shim

70 950 ...

£ 2A/28



Assembly pin

70 950 ...

£ 2A/28



Lever

70 950 ...

£ 2A/28



Clamping screw

70 950 ...

£ 2A/28



Solid Carbide Seat T

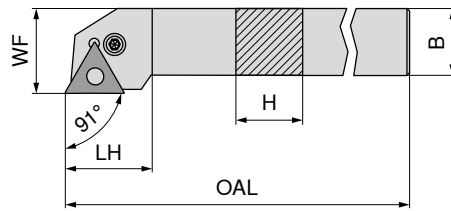
70 950 ...

£ 2A/28

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

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions



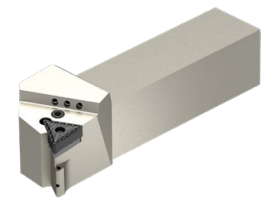
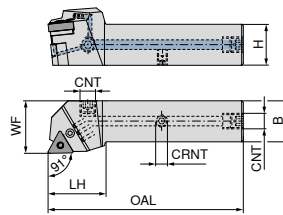
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand 70 533 ...		Right-hand 70 532 ...	
								£ 2A/24	016	£ 2A/24	016
PTGN R/L 1616 H16	16	16	100	20	20	3	TNM. 1604	88.11	016	88.11	016
PTGN R/L 2020 K16	20	20	125	20	25	3	TNM. 1604	98.18	020	98.18	020
PTGN R/L 2525 M16	25	25	150	22	32	3	TNM. 1604	101.55	025	101.55	025
PTGN R/L 3225 P16	32	25	170	22	32	3	TNM. 1604	108.93	032	108.93	032
PTGN R/L 2525 M22	25	25	150	29	32	4	TNM. 2204	101.55	125	101.55	125
PTGN R/L 3232 P22	32	32	170	29	40	4	TNM. 2204	137.14	132	137.14	132

Spare parts for Article no.	Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide Seat T	
	£ 2A/28	175	£ 2A/28	197	£ 2A/28	191	£ 2A/28	185	£ 2A/28	208	£ 2A/28	225
70 532 016 / 70 533 016	2.83	175	2.03	197	1.42	191	14.42	185	3.69	208	8.02	225
70 532 020 / 70 533 020	2.83	175	2.03	197	1.42	191	14.42	185	3.69	208	8.02	225
70 532 025 / 70 533 025	2.83	175	2.03	197	1.42	191	14.42	185	3.69	208	8.02	225
70 532 032 / 70 533 032	2.83	175	2.03	197	1.42	191	14.42	185	3.69	208	8.02	225
70 532 125 / 70 533 125	2.83	176	2.03	198	1.42	192	14.54	187	4.04	209	11.46	226
70 532 132 / 70 533 132	2.83	176	2.03	198	1.42	192	14.54	187	4.04	209	11.46	226

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

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

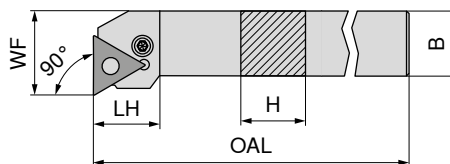
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	NEW Left-hand 70 598 ...		NEW Right-hand 70 598 ...	
										£ 2A/24	£ 02000	£ 2A/24	£ 02001
PTGN R/L 2020 X16-T DC	20	20	101	32	25	M6	G1/8"	3	TNM. 1604	198.09	02000	198.09	02001
PTGN R/L 2525 X16-T DC	25	25	119	35	32	M6	G1/8"	3	TNM. 1604	208.52	02500	208.52	02501
PTGN R/L 3225 X16-T DC	32	25	136	36	32	M6	G1/8"	3	TNM. 1604	218.95	03200	218.95	03201
PTGN R/L 2525 X22-T DC	25	25	122	38	32	M6	G1/8"	4	TNM. 2204	208.52	12500	208.52	12501
PTGN R/L 3232 X22-T DC	32	32	138	38	40	M6	G1/8"	4	TNM. 2204	229.38	13200	229.38	13201

Spare parts for Article no.	Key I		Shim		Assembly pin		Coolant screw plug		Lever		Clamping screw		Solid Carbide Seat T		Grubscrew	
	£ 2A/28	£ 175	£ 2A/28	£ 197	£ 2A/28	£ 192	£ 2A/28	£ 294	£ 2A/28	£ 185	£ 2A/28	£ 208	£ 2A/28	£ 225	£ 2A/28	£ 86700
70 598 02001 / 70 598 02000	2.83	175	2.03	197	1.42	192	4.11	294	14.42	185	3.69	208	8.02	225	3.35	86700
70 598 02501	2.83	175	2.03	197	1.42	192	4.11	294	14.42	185	3.69	208	8.02	225	3.35	86700
70 598 02500	2.83	175	2.03	197	1.42	191	4.11	294	14.42	185	3.69	208	8.02	225	3.35	86700
70 598 03201 / 70 598 03200	2.83	175	2.03	197	1.42	192	4.11	294	14.42	185	3.69	208	8.02	225	3.35	86700
70 598 12501 / 70 598 12500	2.83	176	2.03	198	1.42	192	4.11	294	14.54	187	4.04	209	11.46	226	3.35	86700
70 598 13201 / 70 598 13200	2.83	176	2.03	198	1.42	192	4.11	294	14.54	187	4.04	209	11.46	226	3.35	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 70 535 ...		Right-hand 70 534 ...	
								£ 2A/24	£ 016	£ 2A/24	£ 016
PTFN R/L 1616 H16	16	16	100	19.7	20	3	TNM. 1604	88.11	016	88.11	016
PTFN R/L 2020 K16	20	20	125	20.2	25	3	TNM. 1604	98.18	020	98.18	020
PTFN R/L 2525 M16	25	25	150	20.2	32	3	TNM. 1604	101.55	025	101.55	025
PTFN R/L 2525 M22	25	25	150	25.2	32	4	TNM. 2204	101.55	125	101.55	125
PTFN R/L 3225 P22	32	25	170	25.2	32	4	TNM. 2204	108.93	132	108.93	132

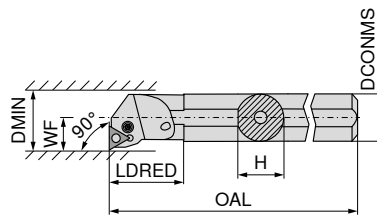
Spare parts for Article no.	Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide Seat T	
	£ 2A/28	£ 175	£ 2A/28	£ 197	£ 2A/28	£ 191	£ 2A/28	£ 185	£ 2A/28	£ 208	£ 2A/28	£ 225
70 534 016 / 70 535 016	2.83	175	2.03	197	1.42	191	14.42	185	3.69	208	8.02	225
70 534 020 / 70 535 020	2.83	175	2.03	197	1.42	191	14.42	185	3.69	208	8.02	225
70 534 025 / 70 535 025	2.83	175	2.03	197	1.42	191	14.42	185	3.69	208	8.02	225
70 534 125 / 70 535 125	2.83	176	2.03	198	1.42	192	14.54	187	4.04	209	11.46	226
70 534 132 / 70 535 132	2.83	176	2.03	198	1.42	192	14.54	187	4.04	209	11.46	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

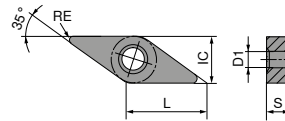


ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£		£	
S25T PTFN R 16	25	23	300	36	17	32	3	TNM. 1604	£ 2A/24		£ 2A/24	
A25R PTFN R/L 16	25	23	200	36	17	32	3	TNM. 1604	256.51	225	256.51	02500
A32S PTFN R/L 16	32	30	250	50	22	40	3	TNM. 1604	265.30	232	265.30	232
A40T PTFN R/L 22	40	38	300	60	27	50	4	TNM. 2204	295.54	240	295.54	240
S50W PTFN R 22	50	47	450	35	35	63	4	TNM. 2204			365.72	050

Spare parts for Article no.	Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide Seat T	
	£		£		£		£		£		£	
70 564 02500	2.83	175	2.03	197	1.42	191	14.42	185	3.69	208	8.02	225
70 564 225 / 70 565 225	2.83	175	2.03	197	1.42	191	14.42	185	3.69	208	8.02	225
70 564 232 / 70 565 232	2.83	175	2.03	197	1.42	191	14.42	185	3.69	208	8.02	225
70 564 240 / 70 565 240	2.83	176	2.03	198	1.42	192	14.54	187	4.04	209	11.46	226
70 564 050	2.83	176	2.03	198	1.42	192	14.54	187	4.04	209	11.46	226

VNMG

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



VNMG

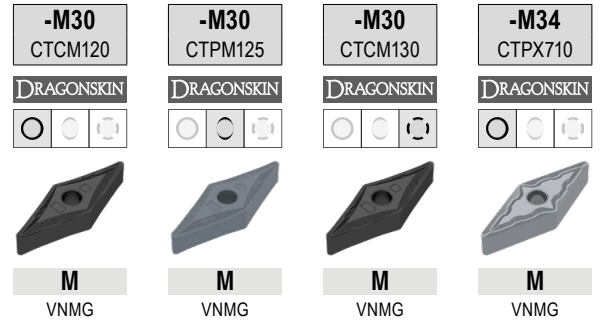
		NEW		NEW		NEW		NEW		NEW		NEW			
		-F40 CTCP125-P		-F50 CTCP115-P		-F50 CTCP125-P		-F50 CTCP135-P		-XU CTCP115-P		-XU CTCP125-P		-M40 CTCP125-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F VNMG		F VNMG		F VNMG		F VNMG		M VNMG		M VNMG		M VNMG	
		76 000 ...		76 156 ...		76 156 ...		76 156 ...		76 294 ...		76 294 ...		76 001 ...	
ISO	RE mm	£		£		£		£		£		£		£	
160404EN	0.4	23.76	51601	23.76	31601	23.76	51601	23.76	71601	23.71	31601	23.71	51601	23.76	51601
160408EN	0.8	23.76	51801	23.76	31801	23.76	51801	23.76	71801	23.71	31801	23.71	51801	23.76	51801
P			●		●		●		●		●		●		●
M									○						
K			○		○		○				○		○		○
N															
S															
H															
O															

9

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					23.76	31601	23.76	51601	23.76	11600	23.76	216	23.76	31600
160408EN	0.8			23.76	518	23.76	31801	23.76	51801	23.76	11800	23.76	218	23.76	31800
160412EN	1.2	24.47	01200	23.76	520	23.76	32001	23.76	52001						
P			○		○		●		●		○		○		○
M											●		●		●
K			●		●		○		○						
N															
S															○
H															
O															

VNMG

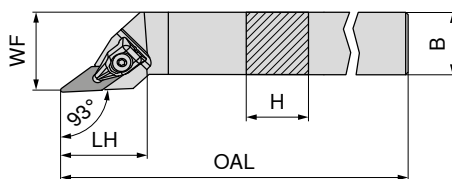


ISO	RE mm	75 023 ...		75 023 ...		75 023 ...		75 009 ...	
		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08	
160404EN	0.4							22.59	61600
160408EN	0.8	23.76	11800	23.76	218	23.76	31800	22.59	61800
160412EN	1.2							22.59	62000
P			○		○		○		●
M			●		●		●		●
K									
N									○
S							○		●
H									
O									

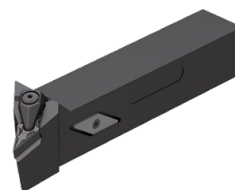
MaxiLock-D – DVJN 93° – Toolholder with top clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



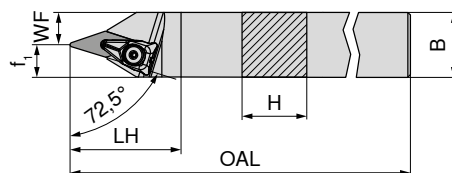
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
								£		£	
DVJN R/L 2020 K16	20	20	125	39	25	2	VN.. 1604	112.94	620	112.94	620
DVJN R/L 2525 M16	25	25	150	39	32	2	VN.. 1604	119.82	725	119.82	725

Spare parts for Article no.	XPress type		Key D		Clamping screw		Solid Carbide Seat V				
	£		£		£		£				
70 502 620 / 70 503 620	2A/28	33.20	835	T09 - IP	18.76	126	M3x7 - IP	3.61	819	6.45	806
70 502 725 / 70 503 725	2A/28	33.20	835	T09 - IP	18.76	126	M3x7 - IP	3.61	819	6.45	806

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

Scope of supply:

Tool holder with Torx key



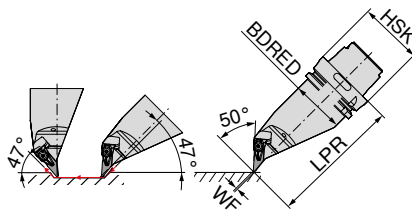
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	f ₁ mm	torque moment Nm	Insert	Neutral	
									£	
DVVN N 2020 K16	20	20	125	43	7.5	12.5	2	VN.. 1604	112.94	620
DVVN N 2525 M16	25	25	150	43	12.5	12.5	2	VN.. 1604	119.82	625

Spare parts for Article no.	XPress type		Key D		Clamping screw		Solid Carbide Seat V				
	£		£		£		£				
70 506 620	2A/28	33.20	835	T09 - IP	18.76	126	M3x7 - IP	3.61	819	6.45	806
70 506 625	2A/28	33.20	835	T09 - IP	18.76	126	M3x7 - IP	3.61	819	6.45	806

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

Scope of supply:

Tool holder with Torx key

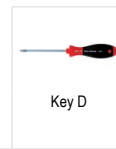


Left-hand
74 525 ...

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	632.16	716



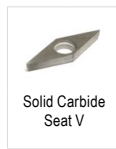
70 950 ...



80 950 ...



70 950 ...

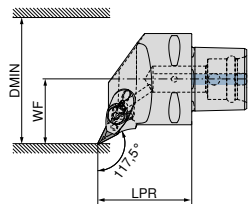


70 950 ...

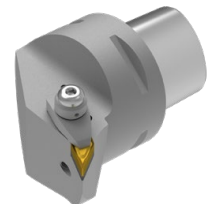
Spare parts
for Article no.

Article no.	£		Article no.	£		Article no.	£	
74 525 516	2A/28	835	T09 - IP	Y7	126	M3x7 - IP	2A/28	806
74 525 716	33.20	835	T09 - IP	18.76	126	M3x7 - IP	3.61	819

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



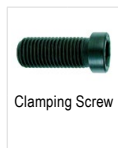
Illustrations show right-hand versions



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	653.17	01694
PSC63 DVPN R/L 80065-16	PSC 63	65	45	80	10	VN.. 1604	734.47	01693



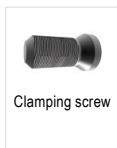
84 950 ...



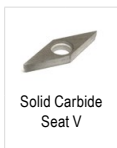
84 950 ...



84 950 ...



84 950 ...

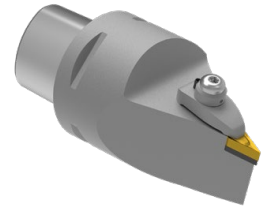
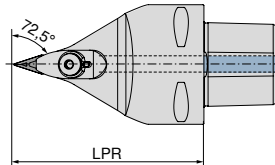


84 950 ...

Spare parts
for Article no.

Article no.	£		Article no.	£		Article no.	£	
84 672 01695 / 84 673 01695	Y8	28300	M6X28 SW4	Y8	28500	M6X28 SW4	Y8	28000
84 672 01694 / 84 673 01694	53.98	28300	M6X28 SW4	63.95	28500	M6X28 SW4	20.59	28400
84 672 01693 / 84 673 01693	53.98	28300	M6X28 SW4	63.95	28500	M6X28 SW4	20.59	28400

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



Neutral

84 679 ...

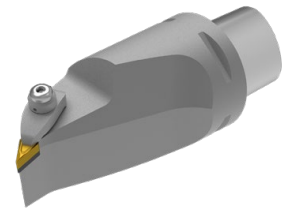
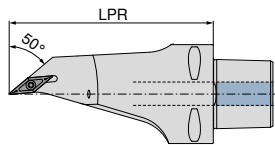
ISO designation	Adapter	LPR mm	torque moment Nm	Insert	£	Y8
PSC63 DVVN N 0100-16	PSC 63	100	10	VN.. 1604	802.34	01693
PSC63 DVVN N 0130-16	PSC 63	130	10	VN.. 1604	802.34	11693

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 53.98 28300	63.95 28500	20.59 28400	8.43 27600	63.75 28000
84 679 11693 M6X28 SW4 53.98 28300	63.95 28500	20.59 28400	8.43 27600	63.75 28000

Spare parts for Article no.

84 679 01693	M6X28 SW4	53.98	28300	63.95	28500	20.59	28400	8.43	27600	63.75	28000
84 679 11693	M6X28 SW4	53.98	28300	63.95	28500	20.59	28400	8.43	27600	63.75	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	932.82	01693

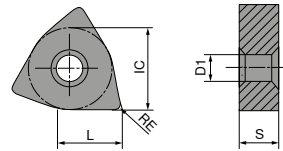
Clamping Screw	Clamping claw	Ring-shaped nozzle	Clamping screw	Solid Carbide Seat V
84 950 ...	84 950 ...	84 950 ...	84 950 ...	84 950 ...
£ Y8	£ Y8	£ Y8	£ Y8	£ Y8
84 682 01693 M6X28 SW4 53.98 28300	63.95 28600	20.59 28400	8.43 27600	63.75 28000

Spare parts for Article no.

84 682 01693	M6X28 SW4	53.98	28300	63.95	28600	20.59	28400	8.43	27600	63.75	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	11.18	004			11.50	30401	11.50	50401	11.50	70401	13.30	30401	13.30	51401
060408EN	0.8	11.18	006	13.30	006	11.50	30601	11.50	50601	11.50	70601	13.30	30601	13.30	50601
080404EN	0.4			16.66	016	14.47	31601	14.47	51601	14.47	71601				
080408EN	0.8	14.47	018	16.66	018	14.47	31801	14.47	51801	14.47	71801	16.66	31801	16.66	51801
080412EN	1.2					14.47	32001	14.47	52001	14.47	72001	16.66	32001	16.66	52001
P			●		●		●		●		●		●		●
M			○		○						○				
K			○		○		○		○				○		○
N															
S															
H															
O															

WNMG

		NEW		NEW		NEW		NEW		NEW		NEW			
		-M50		-M50		-M50		-M50		-XU		-XU		-M50	
		CTCP115-P		CTCP125-P		CTCK110		CTCK120		CTCP115-P		CTCP125-P		CTCP135-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M		M		M		M		M		M		M	
		WNMG		WNMG		WNMG		WNMG		WNMG		WNMG		WNMG	
		76 139 ...		76 139 ...		70 139 ...		70 139 ...		76 295 ...		76 295 ...		76 139 ...	
ISO	RE mm	£		£		£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
060404EN	0.4	11.50	30401	11.50	50401									11.50	70401
060408EN	0.8	11.50	30601	11.50	50601									11.50	70601
060412EN	1.2	11.50	30801	11.50	50801									11.50	70801
080404EN	0.4	14.47	31601	14.47	51601					14.48	31601	14.48	51601	14.47	71601
080408EN	0.8	14.47	31801	14.47	51801	14.47	018	14.47	518	14.48	31801	14.48	51801	14.47	71801
080412EN	1.2	14.47	32001	14.47	52001	14.47	020	14.47	520	14.48	32001	14.48	52001	14.47	72001
080416EN	1.6	14.47	32201	14.47	52201									14.47	72201
P			●		●		○		○		●		●		●
M															○
K			○		○		●		●		○		○		
N															
S															
H															
O															

9

WNMG

		NEW		NEW		NEW		NEW		NEW		NEW	
		-TMQ		-TMQ		-M70		-M70		-M70		-M70	
		CTCP115-P		CTCP125-P		CTCK110		CTCK120		CTCP115-P		CTCP125-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M		M		M		M		M		M	
		WNMG		WNMG		WNMG		WNMG		WNMG		WNMG	
		76 198 ...		76 198 ...		70 273 ...		70 273 ...		76 273 ...		76 273 ...	
ISO	RE mm	£		£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
060408EN	0.8							11.50	30601	11.50	50601	11.50	70601
060412EN	1.2							11.50	30801	11.50	50801	11.50	70801
080408EN	0.8	16.66	31801	16.66	51801	14.47	018	14.47	518	14.47	31801	14.47	51801
080412EN	1.2	16.66	32001	16.66	52001	14.47	020	14.47	520	14.47	32001	14.47	52001
080416EN	1.6					14.47	022	14.47	522	14.47	32201	14.47	52201
P			●		●		○		○		●		●
M													○
K			○		○		●		●		○		○
N													
S													
H													
O													

WNMA / WNMG

		CTCK110	CTCK120	-F30 CTCM120	-F30 CTPM125	-F30 CTCM130	-M30 CTCM120	-M30 CTPM125
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
		R	R	F	F	F	M	M
		WNMA	WNMA	WNMG	WNMG	WNMG	WNMG	WNMG
		70 169 ...	70 169 ...	75 024 ...	75 024 ...	75 024 ...	75 025 ...	75 025 ...
ISO	RE mm	£	£	£	£	£	£	£
060404EN	0.4	1A/08	1A/08	11.50	11.50	11.50	11.50	11.50
060408EN	0.8			10400	204	30400	10600	206
060412EN	1.2			11.50	206	30600	11.50	208
080404EN	0.4			14.47	216	31600		
080408EN	0.8	14.47	14.47	11800	218	31800	14.47	218
080412EN	1.2	14.47	14.47				14.47	220
080416EN	1.6	14.47	14.47					
P								
M								
K								
N								
S								
H								
O								

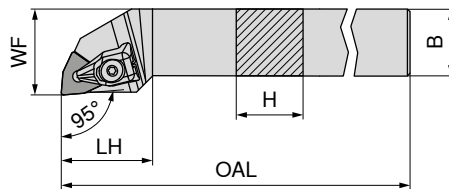
WNMG

		-M30 CTCM130	-M60 CTCM120	-M60 CTPM125	-M60 CTCM130	NEW -F34 CTPX710	-M34 CTPX710
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
		M	M	M	M	F	M
		WNMG	WNMG	WNMG	WNMG	WNMG	WNMG
		75 025 ...	75 026 ...	75 026 ...	75 026 ...	75 313 ...	75 008 ...
ISO	RE mm	£	£	£	£	£	£
060408EN	0.8	11.50	11.50	11.50	11.50		
060412EN	1.2	30600	10600	206	30600		
		11.50	11.50	208	30800		
080408EN	0.8	14.47	14.47	218	31800	15.38	61800
080412EN	1.2	32000	12000	220	32000		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



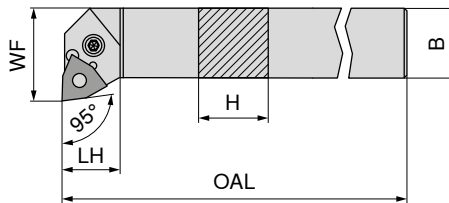
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand 70 543 ...		Right-hand 70 542 ...	
								£ 2A/24	£	£ 2A/24	£
DWLN R/L 1616 H06	16	16	100	25	20	2	WN.. 0604	88.11	716	88.11	716
DWLN R/L 2020 K06	20	20	125	27	25	2	WN.. 0604	98.18	720	98.18	720
DWLN R/L 2525 M06	25	25	150	27	32	2	WN.. 0604	101.55	725	101.55	725
DWLN R/L 2020 K08	20	20	125	34	25	4	WN.. 0804	98.18	620	98.18	620
DWLN R/L 2525 M08	25	25	150	34	32	4	WN.. 0804	101.55	625	101.55	625

Spare parts for Article no.	XPress type 70 950 ...		Key D 80 950 ...		Clamping screw 70 950 ...		Solid Carbide Seat W 70 950 ...	
	£ 2A/28	£	£ Y7	£	£ 2A/28	£	£ 2A/28	£
70 543 716 / 70 542 716	27.82	823	18.76	126	3.61	819	3.92	807
70 543 720 / 70 542 720	27.82	823	18.76	126	3.61	819	3.92	807
70 543 725 / 70 542 725	27.82	823	18.76	126	3.61	819	3.92	807
70 543 620 / 70 542 620	27.44	824	20.03	128	3.45	820	11.46	812
70 543 625 / 70 542 625	27.44	824	20.03	128	3.45	820	11.46	812

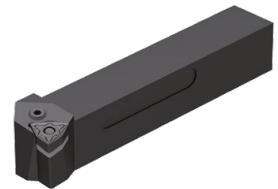
MaxiLock-N – PWLN 95° – Toolholder with lever clamping

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 70 543 ...		Right-hand 70 542 ...	
								£ 2A/24	£	£ 2A/24	£
PWLN R/L 1616 H06	16	16	100	20	22.5	3	WNMG 0604	88.11	116	88.11	11600 ¹⁾
PWLN R/L 2020 K06	20	20	125	26	25.0	3	WNMG 0604	98.18	12000 ¹⁾	98.18	12000 ¹⁾
PWLN R/L 2525 M06	25	25	150	19	32.0	3	WNMG 0604	101.55	125	101.55	12500 ¹⁾
PWLN R/L 2020 K08	20	20	125	22	25.0	4	WNMG 0804	98.18	020	98.18	020
PWLN R/L 2525 M08	25	25	150	22	32.0	4	WNMG 0804	101.55	025	101.55	025
PWLN R/L 3225 P08	32	25	170	22	32.0	4	WNMG 0804	108.93	032	108.93	032

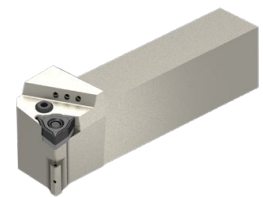
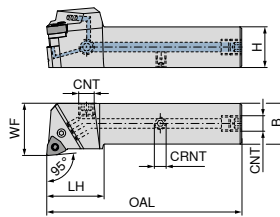
1) nickel-plated

Spare parts for Article no.	Key I 70 950 ...		Shim 70 950 ...		Assembly pin 70 950 ...		Lever 70 950 ...		Clamping screw 70 950 ...		Solid Carbide Seat W 70 950 ...	
	£ 2A/28	£	£ 2A/28	£	£ 2A/28	£	£ 2A/28	£	£ 2A/28	£	£ 2A/28	£
70 542 11600 / 70 543 116	2.83	175	2.37	122	1.42	191	14.42	185	3.69	208	8.31	127
70 542 12000 / 70 543 12000	2.83	175	2.37	122	1.42	191	14.42	185	3.69	208	8.31	127
70 542 12500 / 70 543 125	2.83	175	2.37	122	1.42	191	14.42	185	3.69	208	8.31	127
70 542 020 / 70 543 020	2.83	176	2.03	198	1.42	192	14.54	187	4.04	209	10.08	235
70 542 025 / 70 543 025	2.83	176	2.03	198	1.42	192	14.54	187	4.04	209	10.08	235
70 542 032 / 70 543 032	2.83	176	2.03	198	1.42	192	14.54	187	4.04	209	10.08	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	
										£	...	£	...
PWLN R/L 2020 X06-T DC	20	20	104	35	25	M6	G1/8"	3	WNMG 0604	2A/24		2A/24	
PWLN R/L 2525 X06-T DC	25	25	120	35	32	M6	G1/8"	3	WNMG 0604	198.09	02000	198.09	02001
PWLN R/L 2020 X08-T DC	20	20	104	35	25	M6	G1/8"	4	WNMG 0804	208.52	02500	208.52	02501
PWLN R/L 2525 X08-T DC	25	25	120	35	32	M6	G1/8"	4	WNMG 0804	198.09	12000	198.09	12001
PWLN R/L 3225 X08-T DC	32	25	135	35	32	M6	G1/8"	4	WNMG 0804	208.52	12500	208.52	12501
										218.95	03200	218.95	03201

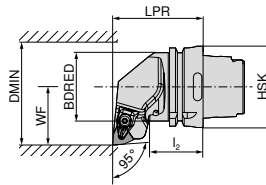
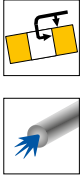
Spare parts for Article no.	Coolant screw plug		Lever		Clamping screw		Solid Carbide Seat W		Grubscrew	
	£	...	£	...	£	...	£	...	£	...
70 599 02001 / 70 599 02000	2A/28		2A/28		2A/28		2A/28		2A/28	
70 599 02501 / 70 599 02500	4.11	294	14.42	185	3.69	208	8.31	127	3.35	86700
70 599 12001 / 70 599 12000	4.11	294	14.42	185	3.69	208	8.31	127	3.35	86700
70 599 12501 / 70 599 12500	4.11	294	14.54	187	4.04	209	10.08	235	3.35	86700
70 599 03201 / 70 599 03200	4.11	294	14.54	187	4.04	209	10.08	235	3.35	86700

Spare parts for Article no.	Key I		Shim		Assembly pin	
	£	...	£	...	£	...
70 599 02001 / 70 599 02000	2A/28		2A/28		2A/28	
70 599 02501 / 70 599 02500	2.83	175	2.37	122	1.42	191
70 599 12001 / 70 599 12000	2.83	175	2.37	122	1.42	191
70 599 12501 / 70 599 12500	2.83	176	2.03	198	1.42	192
70 599 03201 / 70 599 03200	2.83	176	2.03	198	1.42	192

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

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

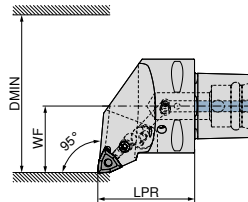
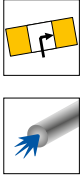
ISO designation	Adapter	LPR mm	I ₂ mm	BDRED mm	WF mm	DMIN mm	Insert	Left-hand		Right-hand	
								£		£	
HSK T63 DWLN R/L 08	HSK-T 63	70	42.00	52.6	45	125	WN.. 0804	74 529 ...		74 528 ...	
HSK T100 DWLN R 08	HSK-T 100	80	45.00	87.6	55	125	WN.. 0804	£ 2D/80 396.51	508	£ 2D/80 396.51	508
HSK T100 DWLN L 08	HSK-T 100	80	53.96	87.6	55	125	WN.. 0804	£ 708 465.48	708	£ 708 465.48	708

Spare parts for Article no.	XPress type		Key D		Clamping screw		Solid Carbide Seat W	
	£		£		£		£	
74 528 508 / 74 529 508	70 950 ...	2A/28	80 950 ...	Y7	70 950 ...	2A/28	70 950 ...	2A/28
74 528 708 / 74 529 708	£ 27.44	824	£ 20.03	128	£ 3.45	820	£ 11.46	812
	£ 27.44	824	£ 20.03	128	£ 3.45	820	£ 11.46	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 ...	
PSC50 PWLN R/L 65060-08	PSC 50	60	35	65	5	WN.. 0804	DC	£ Y8 605.68	00895	£ Y8 605.68	00895
PSC63 PWLN R/L 80065-08	PSC 63	65	45	80	5	WN.. 0804	DC	£ 666.86 757.09	00894	£ 666.86 757.09	00894

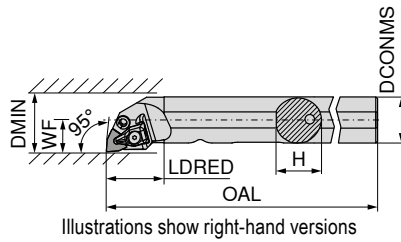
The high-performance coolant set with article number 84 950 27400 can be ordered as an optional extra → Page 39.

Spare parts for Article no.	Shim		Elbow lever screw		Lever		Solid Carbide Seat W	
	£		£		£		£	
84 652 00895 / 84 653 00895	84 950 ...	Y8	84 950 ...	Y8	84 950 ...	Y8	84 950 ...	Y8
84 652 00894 / 84 653 00894	£ 3.07	29200	£ 11.96	28700	£ 41.35	28900	£ 63.75	27700
84 652 00893 / 84 653 00893	£ 3.07	29200	£ 11.96	28700	£ 41.35	28900	£ 63.75	27700

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

Scope of supply:

Boring bar with Torx key



ISO designation	DCONMS	H	OAL	LDRED	WF	DMIN	torque moment	Insert
	mm	mm	mm	mm	mm	mm	Nm	
A25R DWLN R/L 06	25	24	200	32	17	32	2	WN.. 0604
A32S DWLN R/L 08	32	31	250	40	22	44	4	WN.. 0804
A40T DWLN R/L 08	40	39	300	45	27	50	4	WN.. 0804

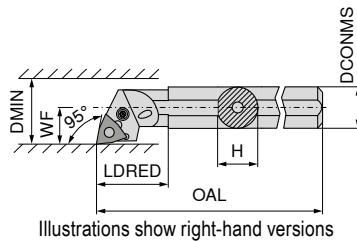
Left-hand		Right-hand	
70 573 ...		70 572 ...	
£		£	
2A/24		2A/24	
256.51	725	256.51	725
265.30	732	265.30	732
295.54	64000	295.54	640

XPress type		Key D		Clamping screw		Hydrant		Solid Carbide Seat W	
70 950 ...		80 950 ...		70 950 ...		70 950 ...		70 950 ...	
£		£		£		£		£	
2A/28		Y7		2A/28		2A/28		2A/28	
27.82	823	18.76	126	3.61	819	24.07	834	3.92	807
27.44	824	20.03	128	3.45	820	24.07	834	11.46	812
27.44	824	20.03	128	3.45	820	24.07	834	11.46	812

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

Scope of supply:

Boring bar with Allen key



ISO designation	DCONMS	H	OAL	LDRED	WF	DMIN	torque moment	Insert
	mm	mm	mm	mm	mm	mm	Nm	
A16M PWLN R/L 06	16	15	150	20	11	20	3	WNMG 0604
A20Q PWLN R/L 06-1	20	19	180	30	13	25	3	WNMG 0604
A25R PWLN R/L 06	25	23	200	25	17	32	3	WNMG 0604
A32S PWLN R/L 06	32	30	250	50	22	40	3	WNMG 0604
A25R PWLN R/L 08	25	23	200	40	17	31	4	WNMG 0804
A32S PWLN R/L 08	32	30	250	50	22	40	4	WNMG 0804
A40T PWLN R/L 08	40	39	300	60	27	50	4	WNMG 0804

Left-hand		Right-hand	
70 573 ...		70 572 ...	
£		£	
2A/24		2A/24	
208.36	11600 ¹⁾	208.36	11600 ¹⁾
230.18	12100 ¹⁾	230.18	12100 ¹⁾
256.51	12500 ¹⁾	256.51	12500 ¹⁾
265.30	132	265.30	132
256.62	225	256.62	225
265.30	032	265.30	032
295.54	040	295.54	040

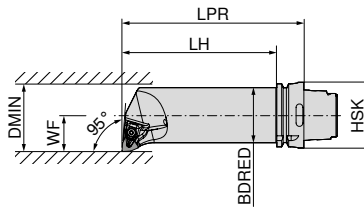
1) nickel-plated

Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide Seat W	
70 950 ...		70 950 ...		70 950 ...		70 950 ...		70 950 ...		70 950 ...	
£		£		£		£		£		£	
2A/28		2A/28		2A/28		2A/28		2A/28		2A/28	
2.83	177					17.28	129	4.89	217		
2.83	177					17.28	129	4.89	217		
2.83	175	2.37	122	1.42	191	14.42	185	3.69	208	8.31	127
2.83	175	2.37	122	1.42	191	14.42	185	3.69	208	8.31	127
2.83	176					14.54	187	4.93	205		
2.83	176	2.03	198	1.42	192	14.54	187	4.04	209	10.08	235
2.83	176	2.03	198	1.42	192	14.54	187	4.04	209	10.08	235

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

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions

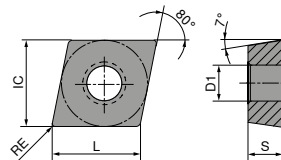


ISO designation	Adapter	LPR mm	LH mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 74 537 ...	Right-hand 74 536 ...
HSK T63 50Q DWLN R/L 08	HSK-T 63	175	149	50	35	63	4	WN.. 0804	£ 2D/80 543.94	£ 2D/80 543.94
									508	508

Spare parts for Article no.	74 536 508 / 74 537 508	£ 2A/28 27.44	824	T15 - IP	£ Y7 20.03	128	M4,5x12 - IP	£ 2A/28 3.45	820	£ 2A/28 11.46	812

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	16.00	002	16.00	002	15.50	850	15.50	900	15.50	900	16.00	50201	16.00	70201
060204EN	0.4	16.00	004	8.70	004	15.50	852	15.50	902	8.41	900				
09T302EN	0.2	17.06	014			16.00	854	16.00	904						
09T304EN	0.4	17.06	016	11.18	016			16.00	906	10.42	904				
09T308EN	0.8	17.06	018	11.18	018			16.00	908	10.42	906				
120404EN	0.4			15.77	028			20.02	910						
P			●		●		●		●		●		●		●
M			○		○		○		○		○		○		○
K			○		○		○		○		○		○		○
N															
S															
H															
O															

CCMT / CCGT

		NEW		NEW		NEW		NEW		NEW		NEW			
		-SF		-SF		-SF		-SMF		-SMF		-SMF		-SM	
		CTCP115-P		CTCP125-P		CTCP135-P		CTCP115-P		CTCP125-P		CTCP135-P		CTCP125-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F		F		F		F		F		F		M	
		CCMT		CCMT		CCMT		CCMT		CCMT		CCMT		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	8.97	30401	8.97	50401	8.97	70401			8.97	50401	8.97	70401		
060208EN	0.8									8.97	50601				
09T304EN	0.4	11.20	31601	11.20	51601	11.20	71601	11.20	31601	11.20	51601	11.20	71601		
09T308EN	0.8	11.20	31801	11.20	51801			11.20	31801	11.20	51801				
120404EN	0.4			15.77	52801					15.77	52801				
120408EN	0.8			15.77	53001			15.77	33001			15.77	73001		
P			●		●		●		●		●		●		●
M							○						○		
K			○		○				○		○				○
N															
S															
H															
O															

9

CCGT / CCMT

		NEW		NEW		NEW		NEW		NEW					
		-SM		-SM		-SM		-SM		-SMQ					
		CTCP135-P		CTCK110		CTCK120		CTCP115-P		CTCP125-P		CTCP135-P		CTCP115-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M		M		M		M		M		M		F	
		CCGT		CCMT		CCMT		CCMT		CCMT		CCMT		CCMT	
		76 250 ...		70 252 ...		70 252 ...		76 252 ...		76 252 ...		76 252 ...		76 194 ...	
ISO	RE mm	£		£		£		£		£		£		£	
		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
060202EN	0.2	16.00	70201												
060204EN	0.4			8.97	004	8.97	554	8.97	30401	8.97	50401	8.97	70401		
060208EN	0.8			8.97	006	8.97	506	8.97	30601			8.97	70601		
09T304EN	0.4			11.20	016	11.20	516	11.20	31601	11.20	51601	11.20	71601	12.61	31601
09T308EN	0.8			11.20	018	11.20	518	11.20	31801	11.20	51801	11.20	71801	12.61	31801
09T312EN	1.2			11.20	020	11.20	520								
120404EN	0.4			15.77	028	15.77	528	15.77	32801	15.77	52801	15.77	72801	17.70	32801
120408EN	0.8			15.77	030	15.77	530	15.77	33001	15.77	53001	15.77	73001	17.70	33001
120412EN	1.2							15.77	53201						
P			●		○		○		●		●		●		●
M			○										○		
K					●		●		○		○				○
N															
S															
H															
O															

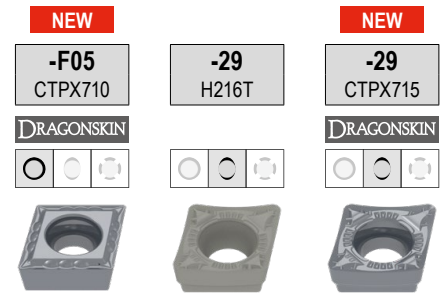
CCMT

		NEW												
		-SMQ CTCP125-P	-M25 CTCM120	-M25 CTPM125	-M25 CTCM130	-M55 CTCM120	-M55 CTPM125	-M55 CTCM130						
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		
		F		F		F		F		M		M		
		CCMT		CCMT		CCMT		CCMT		CCMT		CCMT		
		76 194 ...		75 210 ...		75 210 ...		75 210 ...		75 211 ...		75 211 ...		
ISO	RE mm	£	1A/08	£	1A/08	£	1A/08	£	1A/08	£	1A/08	£	1A/08	
060204EN	0.4			8.97	10400	8.97	204	8.97	30400	8.97	10400	8.97	204	
09T304EN	0.4	12.61	51601	11.20	11600	11.20	216	11.20	31600	11.20	11600	11.20	216	
09T308EN	0.8	12.61	51801	11.20	11800	11.20	218	11.20	31800	11.20	11800	11.20	218	
120404EN	0.4	17.70	52801					15.77	12800	15.77	228	15.77	32800	
120408EN	0.8	17.70	53001					15.77	13000	15.77	230	15.77	33000	
P			●		○		○		○		○		○	
M					●		●		●		●		●	
K			○											
N														
S									○				○	
H														
O														

CCGT

		-23P H216T		-25P H210T		-25P CTPX710		-25Q H210T		-25Q CTPX710		-27 H10T		-27 CTPX715	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F		F		M		M		M		M		M	
		CCGT		CCGT		CCGT		CCGT		CCGT		CCGT		CCGT	
		70 255 ...		70 248 ...		70 248 ...		70 248 ...		70 248 ...		70 254 ...		70 254 ...	
ISO	RE mm	£	1A/90	£	1A/90	£	1A/90	£	1A/90	£	1A/90	£	1A/90	£	1A/90
060202FN	0.2	12.61	652	12.61	636	15.00	70200			11.79	600	14.33	80200		
060204FN	0.4	12.61	654	12.61	638	15.00	70400	13.69	678	18.11	75400	11.79	602	14.33	80400
09T302FN	0.2			13.19	639	15.36	71400					12.61	604	14.74	81400
09T304FN	0.4	13.19	656	13.19	640	15.36	71600	14.47	680	18.96	76600	12.61	606	14.74	81600
09T308FN	0.8	13.19	658	13.19	641	15.36	71800	14.47	681	18.96	76800	12.61	608	14.74	81800
09T316FN	1.6													18.18	72200
120402FN	0.2			15.37	643							14.72	610	18.35	82600
120404FN	0.4			15.37	642	19.61	72800	17.06	682	21.32	77800	14.72	612	18.35	82800
120408FN	0.8			15.37	644	19.61	73000	17.06	686	21.32	78000	14.72	614	18.35	83000
P							●				●				●
M							●				●				●
K			○		○				○				○		○
N			●		●		●		●		●		●		●
S					○		●		○		●				●
H															
O			○		○				○				○		○

CCET / CCMT

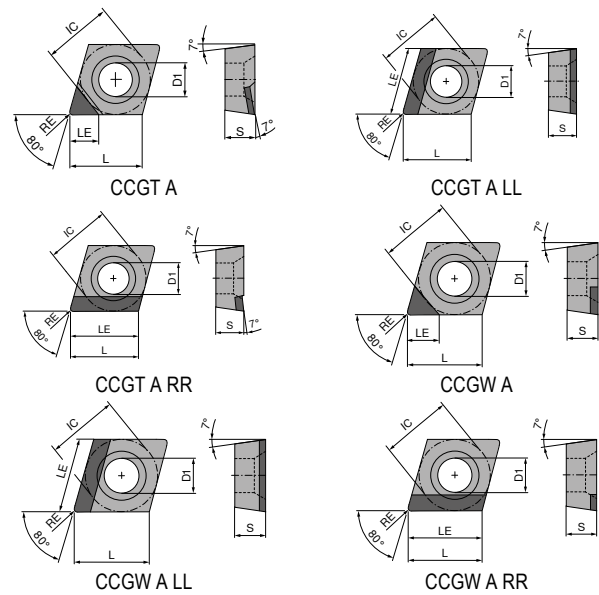


	F CCET	M CCMT	M CCMT
	76 243 ...	70 245 ...	70 245 ...
	£ 1A/08	£ 1A/90	£ 1A/90
	22.43 10100		
	22.43 10200	9.09 60400	11.34 70400
	22.43 10400		
		9.66 61600	11.72 71600
		9.66 61800	11.72 71800

ISO	RE mm			
060201FN	0.1			
060202FN	0.2			
060204EN	0.4			
060204FN	0.4			
09T304EN	0.4			
09T308EN	0.8			
P		●		●
M		●		●
K			○	○
N		●	●	●
S		●		●
H				
O			○	○

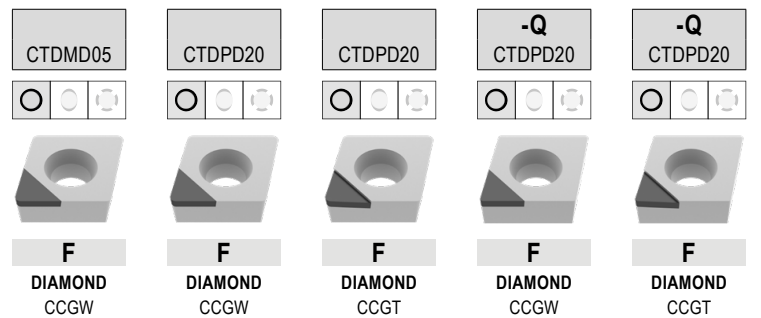
CCGW / CCGT

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	71 120 ...		71 120 ...		71 124 ...		71 125 ...		71 126 ...	
				£ Y0	050	£ Y0	100	£ Y0	10100	£ Y0	102	£ Y0	102
060201FN	0.1	A (1)	3.4					115.86	10100			125.26	101
060201FN	0.1	A (1)	3.5									125.26	102
060202FN	0.2	A (1)	2.5	439.52	050					125.26	102	125.26	102
060202FN	0.2	A (1)	3.3			123.50	100	115.86	100				
060202FN	0.2	A (1)	3.4										
060204FN	0.4	A (1)	2.5	439.52	052								
060204FN	0.4	A (1)	3.1										
060204FN	0.4	A (1)	3.2			123.50	102	115.86	102	125.26	104		125.26
060208FN	0.8	A (1)	2.5	439.52	05300								
060208FN	0.8	A (1)	3.0			123.50	10300	115.86	10300				
09T301FN	0.1	A (1)	4.5							125.23	111	125.23	111
09T302FN	0.2	A (1)	4.4							125.23	112	125.23	112
09T302FN	0.2	A (1)	4.5			127.57	10500	118.62	10500				
09T304FN	0.4	A (1)	2.5	448.26	054								
09T304FN	0.4	A (1)	4.2							125.23	114	125.23	114
09T304FN	0.4	A (1)	4.3			127.57	104	118.62	104				
09T308FN	0.8	A (1)	2.5	448.26	056								
09T308FN	0.8	A (1)	4.1			127.57	106	118.62	106				
120402FN	0.2	A (1)	4.4							129.86	122	129.86	122
120404FN	0.4	A (1)	4.2							129.86	124	129.86	124
120404FN	0.4	A (1)	4.3			101.58	108	101.58	108				
120408FN	0.8	A (1)	4.1			101.58	110	101.58	110				

P					
M					
K					
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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 ...	
060202FN	0.2	A (1)	3.40												
060204FN	0.4	A (1)	3.10												
060204FN	0.4	A (1)	3.20												
060204FRR	0.4	A (1)	6.45												
060204FLL	0.4	A (1)	6.45	121.58	10001	121.58	10101								
060208FN	0.8	A (1)	3.00												
09T302FN	0.2	A (1)	4.40												
09T302FN	0.2	A (1)	4.50												
09T304FN	0.4	A (1)	4.20												
09T304FN	0.4	A (1)	4.30												
09T308FN	0.8	A (1)	4.10												
09T308FRR	0.8	A (1)	9.70												
09T308FLL	0.8	A (1)	9.70	129.43	10201	129.43	10301								
09T312FLL	1.2	A (1)	9.70	129.43	10401										
120404FN	0.4	A (1)	4.20												
120404FN	0.4	A (1)	4.30												
120408FN	0.8	A (1)	4.10												
120412FRR	1.2	A (1)	12.90												
120412FLL	1.2	A (1)	12.90	143.17	10501	143.17	10601								
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	20001	£ Y0	152	£ Y0	152	£ Y0	20001	£ Y0	20101	£ Y0	202
060201FN	0.1	A (1)	3.50	84.34	20001										
060202FN	0.2	A (1)	3.30			125.26	152	125.26	152						
060202FN	0.2	A (1)	3.40	84.34	20101									112.15	202
060204FN	0.4	A (1)	3.20											112.15	204
060204FRR	0.4	A (1)	6.45									121.58	20101		
060204FLL	0.4	A (1)	6.45							121.58	20001				
060208FN	0.8	A (1)	3.00											112.15	208
060208FRR	0.8	A (1)	6.45									121.58	20301		
060208FLL	0.8	A (1)	6.45							121.58	20201				
09T301FN	0.1	A (1)	4.50			125.23	16300								
09T302FN	0.2	A (1)	4.40			125.23	162	125.23	162						
09T302FN	0.2	A (1)	4.50	86.28	20201									125.96	212
09T304FN	0.4	A (1)	4.30											125.96	214
09T308FN	0.8	A (1)	4.10											125.96	218
09T308FRR	0.8	A (1)	9.70									129.43	20501		
09T308FLL	0.8	A (1)	9.70							129.43	20401				
120402FN	0.2	A (1)	4.40					129.86	172						
120404FN	0.4	A (1)	4.20					129.86	174						
120404FN	0.4	A (1)	4.30	86.28	20301									121.66	224
120408FN	0.8	A (1)	4.10											121.66	228
120412FRR	1.2	A (1)	12.90									143.17	20701		
120412FLL	1.2	A (1)	12.90							143.17	20601				
P															
M															
K															
N						•	•	•	•	•	•	•	•	•	•
S															
H															
O						•	•	•	•	•	•	•	•	•	•

CCGT / CCGW

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

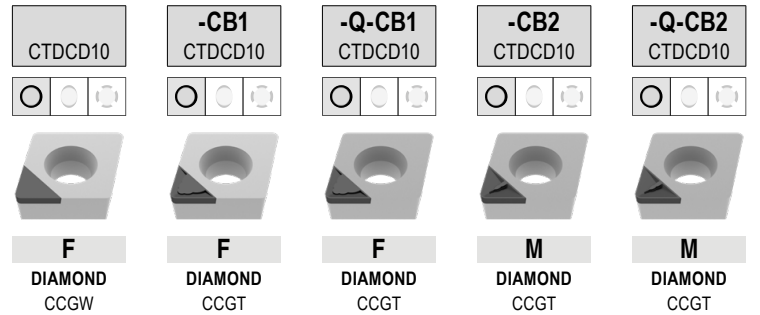
	-Q-CB2 CTDPS30	CTDPU20	-CB3 CTDPU20	CTDPS30
	M	F	R	F
	DIAMOND	DIAMOND	DIAMOND	DIAMOND
	CCGT	CCGW	CCGT	CCGW
	71 306 ...	71 171 ...	71 302 ...	71 171 ...
	£ Y0	£ Y0	£ Y0	£ Y0
060201FN				82.34 20001
060202FN	128.81 202			
060202FN				82.34 20101
060204FN	128.81 204			
060204FN			89.25 204	82.34 20201
09T302FN	130.42 212			
09T302FN				86.28 20301
09T304FN	130.42 214			
09T304FN		88.26 30001	97.49 214	86.28 20401
09T308FN		88.26 30101	97.49 218	
120402FN	133.60 222			
120404FN	133.60 224			
120404FN				88.26 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		•	•	•

CCGW / CCGT

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



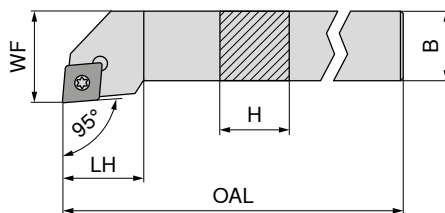
ISO	RE mm	TCE (NOI)	LE mm	71 171 ...		71 300 ...		71 167 ...		71 301 ...		71 306 ...	
				£ Y0		£ Y0		£ Y0		£ Y0		£ Y0	
060202FN	0.2	A (1)	2.3					129.43	40001				
060202FN	0.2	A (1)	2.4	96.09	40001	142.30	302			142.30	30200		
060204FN	0.4	A (1)	2.1					129.43	40101			151.52	304
060204FN	0.4	A (1)	2.2	96.09	40101	142.30	304			142.30	304		
060208FN	0.8	A (1)	2.0			142.30	30600						
09T302FN	0.2	A (1)	2.3									158.97	31200
09T302FN	0.2	A (1)	2.4	103.94	40201					142.30	31200		
09T304FN	0.4	A (1)	2.1					131.40	40201			158.97	314
09T304FN	0.4	A (1)	2.2	103.94	40301	146.95	314			146.95	314		
09T308FN	0.8	A (1)	2.0	103.94	40401					146.95	31600		
120404FN	0.4	A (1)	2.1					133.33	40301			156.15	324
120404FN	0.4	A (1)	2.2							165.38	32600		
120408FN	0.8	A (1)	2.0	111.79	40501								
120408FN	0.8	A (1)	2.1							165.38	328		

P													
M													
K													
N													
S													
H													
O													

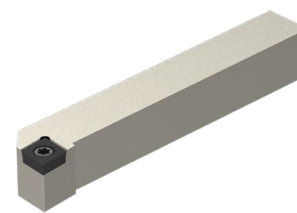
MaxiLock-S – SCLC 95° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



NEW Left-hand **NEW** Right-hand

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	70 636 ...			
								£	00800	£	00801
SCLC R/L 0808 D06	8	8	60	9	10	1,2	CC.. 0602	2A/24		2A/24	
SCLC R/L 1010 E06	10	10	70	9	12	1,2	CC.. 0602	71.01	01000	71.01	01001
SCLC R/L 1212 F09	12	12	80	15	16	3,2	CC.. 09T3	75.73	01200	75.73	01201
SCLC R/L 1616 H09	16	16	100	17	20	3,2	CC.. 09T3	94.67	01600	94.67	01601
SCLC R/L 2020 K09	20	20	125	17	25	3,2	CC.. 09T3	100.35	02000	100.35	02001
SCLC R/L 1616 H12	16	16	100	20	20	5	CC.. 1204	94.67	11600	94.67	11601
SCLC R/L 2020 K12	20	20	125	20	25	5	CC.. 1204	100.35	12000	100.35	12001
SCLC R/L 2525 M12	25	25	150	20	32	5	CC.. 1204	104.15	12500	104.15	12501
SCLC R/L 3225 P12	32	25	170	20	32	5	CC.. 1204	108.87	13200	108.87	13201

**Spare parts
for Article no.**

	80 950 ...		70 950 ...		70 950 ...		70 950 ...	
	£		£		£		£	
70 636 00800 / 70 636 00801	Y7	039	2A/28	857	2A/28		2A/28	
70 636 01000 / 70 636 01001	11.08	039	4.73	857				
70 636 01200 / 70 636 01201	15.30	120	4.50	87900				
70 636 01600 / 70 636 01601	15.30	120	4.50	87900				
70 636 02000 / 70 636 02001	15.30	120	4.50	87900				
70 636 11600 / 70 636 11601	15.30	120	3.45	820	14.28	166	5.36	170
70 636 12000 / 70 636 12001	15.30	120	3.45	820	14.28	166	5.36	170
70 636 12500 / 70 636 12501	15.30	120	3.45	820	14.28	166	5.36	170
70 636 13200 / 70 636 13201	15.30	120	3.45	820	14.28	166	5.36	170

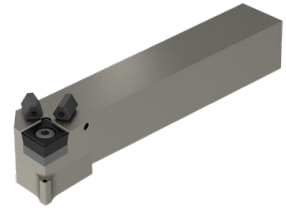
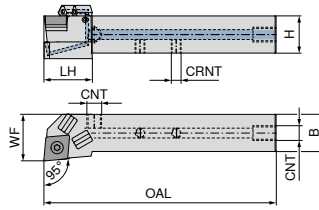


9

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		NEW 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	01001	2A/24	01000
SCLC R/L 1212 F09 DC	12	12	80	19	16	M6	M6	3,2	CC.. 09T3	160.25	01201	160.25	01200
SCLC R/L 1616 H09 DC	16	16	100	26	20	M6	G1/8"	3,2	CC.. 09T3	178.15	11601	178.15	01600
SCLC R/L 2020 K09 DC	20	20	125	28	25	M6	G1/8"	3,2	CC.. 09T3	188.79	12001	188.79	02000
SCLC R/L 1616 H12 DC	16	16	100	28	20	M6	G1/8"	5	CC.. 1204	178.15	01601	178.15	11600
SCLC R/L 2020 K12 DC	20	20	125	26	25	M6	G1/8"	5	CC.. 1204	188.79	02001	188.79	12000
SCLC R/L 2525 M12 DC	25	25	150	28	30	M6	G1/8"	5	CC.. 1204	195.92	02501	195.92	02500
SCLC R/L 3225 P12 DC	32	25	170	26	32	G1/8"	G1/8"	5	CC.. 1204	205.72	03201	205.72	03200

Spare parts for Article no.

	£		£		£		£		£
70 770 01000 / 70 770 01001	4.73	857					3.35	86700	
70 770 01200 / 70 770 01201	3.61	859					3.35	86700	
70 770 01600 / 70 770 11601	4.50	87900	11.16	165	2.06	88000	3.35	86700	5.36 171
70 770 02000 / 70 770 12001	4.50	87900	11.16	165	2.06	88000	3.35	86700	5.36 171
70 770 11600 / 70 770 01601	3.45	820	14.28	166	2.06	88000	3.35	86700	5.36 170
70 770 12000 / 70 770 02001	3.45	820	14.28	166	2.06	88000	3.35	86700	5.36 170
70 770 02500 / 70 770 02501	3.45	820	14.28	166	2.06	88000	3.35	86700	5.36 170
70 770 03200 / 70 770 03201	3.45	820	14.28	166	2.06	88000			5.36 170

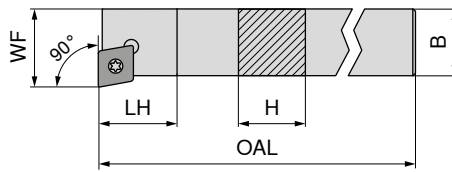
Spare parts for Article no.

	£		£		£		£		£
70 770 01000 / 70 770 01001			11.08	039					
70 770 01200 / 70 770 01201			15.30	120					
70 770 01600 / 70 770 11601	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11 294
70 770 02000 / 70 770 12001	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11 294
70 770 11600 / 70 770 01601	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11 294
70 770 12000 / 70 770 02001	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11 294
70 770 02500 / 70 770 02501	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11 294
70 770 03200 / 70 770 03201	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11 294

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	
								£	02000 ¹⁾	£	
SCFC R 0808 D06	8	8	60	10	10	1,2	CC.. 0602	2A/24		2A/24	008
SCFC R 1010 E06	10	10	70	10	12	1,2	CC.. 0602			70.33	010
SCFC R 1212 F09	12	12	80	13	16	3,2	CC.. 09T3			74.57	012
SCFC R 1616 H09	16	16	100	13	20	3,2	CC.. 09T3			92.36	016
SCFC R/L 2020 K12	20	20	125	17	25	5	CC.. 1204	98.18		98.18	020

1) nickel-plated

Spare parts for Article no.

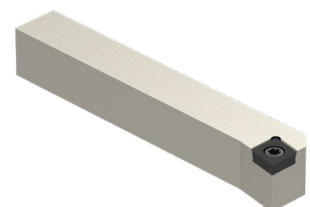
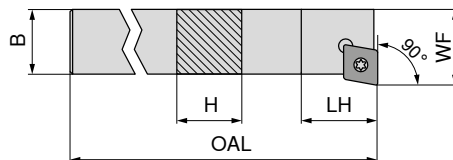
Article no.	£	80 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...
70 760 008	13.09	110	2.73	13800	11.16	165	5.36	171		
70 760 010	13.09	110	2.73	13800	11.16	165	5.36	171		
70 760 012	15.56	113	3.61	113	14.28	166	5.36	170		
70 760 016			3.61	113						
70 760 020 / 70 761 02000			2.98	114						



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

Scope of supply:

Tool holder with Torx key



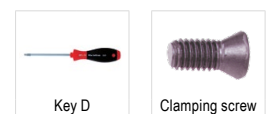
NEW

Left-hand

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand	
								£	
SCFC L 0808 D06	8	8	60	10	10	1,2	CC.. 0602	2A/24	71.01 00800
SCFC L 1010 E06	10	10	70	10	12	1,2	CC.. 0602		75.73 01000
SCFC L 1212 F09	12	12	80	13	16	3,2	CC.. 09T3		75.73 01200
SCFC L 1616 H09	16	16	100	13	20	3,2	CC.. 09T3		94.67 01600

Spare parts for Article no.

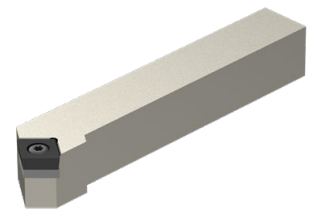
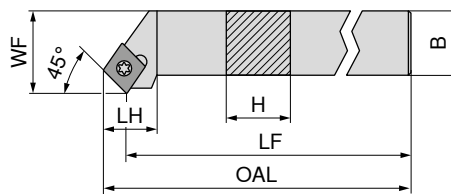
Article no.	£	80 950 ...	£	70 950 ...
70 635 00800	11.08	039	4.73	857
70 635 01000	11.08	039	4.73	857
70 635 01200	15.30	120	4.50	87900
70 635 01600	15.30	120	4.50	87900



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	70 638 ... Left-hand	70 638 ... Right-hand
SCSC R 1616 H12	16	16	100	20	20	5	CC.. 1204	£ 2A/24	£ 94.67 01601
SCSC R/L 2020 K12	20	20	125	20	25	5	CC.. 1204	£ 100.35 02000	£ 100.35 02001
SCSC R/L 2525 M12	25	25	150	20	32	5	CC.. 1204	£ 104.15 02500	£ 104.15 02501

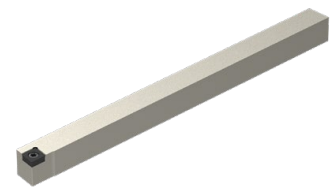
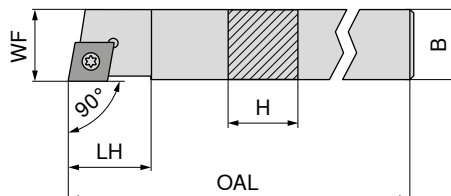
Spare parts for Article no.	80 950 ...	70 950 ...	70 950 ...	70 950 ...
70 638 01601	T15 - IP	M4,5x12 - IP	M4,5	M4,5
70 638 02001 / 70 638 02000	T15 - IP	M4,5x12 - IP	M4,5	M4,5
70 638 02501 / 70 638 02500	T15 - IP	M4,5x12 - IP	M4,5	M4,5

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	70 633 ... Left-hand	70 633 ... Right-hand
SCAC R/L 0808 K06	8	8	125	9	8	1,2	CC.. 0602	£ 75.73 10800	£ 75.73 10801
SCAC R/L 0808 D06	8	8	60	9	8	1,2	CC.. 0602	£ 71.01 00800	£ 71.01 00801
SCAC R/L 1010 E06	10	10	70	9	10	1,2	CC.. 0602	£ 75.73 01000	£ 75.73 01001
SCAC R/L 1010 M06	10	10	150	9	10	1,2	CC.. 0602	£ 75.73 11000	£ 75.73 11001
SCAC R/L 1212 F09	12	12	80	13	12	3,2	CC.. 09T3	£ 75.73 01200	£ 75.73 01201
SCAC R/L 1212 M09	12	12	150	13	12	3,2	CC.. 09T3	£ 85.19 11200	£ 85.19 11201
SCAC R/L 1616 H09	16	16	100	13	16	3,2	CC.. 09T3	£ 94.67 11600	£ 94.67 11601
SCAC R/L 2020 K12	20	20	125	17	20	5	CC.. 1204	£ 100.35 12000	£ 100.35 12001

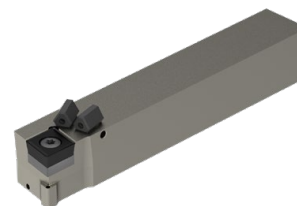
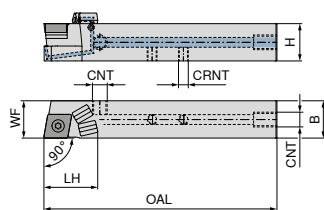
Spare parts for Article no.	80 950 ...	70 950 ...	70 950 ...	70 950 ...
70 633 10801 / 70 633 10800	Y7	2A/28	2A/28	2A/28
70 633 00801 / 70 633 00800	11.08 039	4.73 857		
70 633 01001 / 70 633 01000	11.08 039	4.73 857		
70 633 11001 / 70 633 11000	11.08 039	4.73 857		
70 633 01201 / 70 633 01200	15.30 120	4.50 87900		
70 633 11201 / 70 633 11200	15.30 120	4.50 87900		
70 633 11601 / 70 633 11600	15.30 120	4.50 87900		
70 633 12001 / 70 633 12000	15.30 120	3.45 820	14.28 166	5.36 170

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 70 766 ...		NEW Right-hand 70 766 ...	
										£ 2A/24	11201	£ 2A/24	11200
SCAC R/L 1212 M09 DC	12	12	150	21	12	M6	M6	3,2	CC.. 09T3	171.26	11201	171.26	11200
SCAC R/L 1212 F09 DC	12	12	80	22	12	M6	M6	3,2	CC.. 09T3	160.25	01201	160.25	01200
SCAC R/L 1616 H09 DC	16	16	100	30	16	M6	G1/8"	3,2	CC.. 09T3	178.15	01601	178.15	01600
SCAC R/L 2020 K12 DC	20	20	125	30	20	M6	G1/8"	5	CC.. 1204	188.79	02001	188.79	02000

Spare parts for Article no.

Article no.	£ 2A/28	859	£ 2A/28	11.16	165	£ 2A/28	2.06	88000	£ 2A/28	3.35	86700	£ 2A/28	5.36	171
70 766 11200 / 70 766 11201	3.61	859								3.35	86700			
70 766 01200 / 70 766 01201	3.61	859								3.35	86700			
70 766 01600 / 70 766 01601	4.50	87900	11.16	165	2.06	88000	3.35	86700	5.36	171				
70 766 02000 / 70 766 02001	3.45	820	14.28	166	2.06	88000	3.35	86700	5.36	170				

Spare parts for Article no.

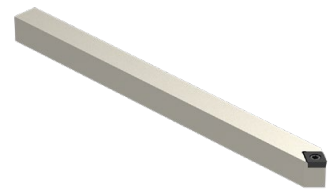
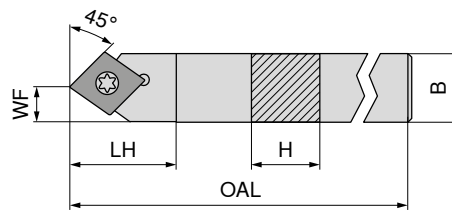
Article no.	£ 2A/28	87600	£ Y7	15.30	120	£ 2A/28	1.26	88100	£ 2A/28	28.20	87700	£ 2A/28	4.11	294
70 766 11200 / 70 766 11201			15.30	120										
70 766 01200 / 70 766 01201			15.30	120										
70 766 01600 / 70 766 01601	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11	294				
70 766 02000 / 70 766 02001	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11	294				

70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28
3.61 859			3.35 86700	
3.61 859			3.35 86700	
4.50 87900	11.16 165	2.06 88000	3.35 86700	5.36 171
3.45 820	14.28 166	2.06 88000	3.35 86700	5.36 170
70 950 ...	80 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ Y7	£ 2A/28	£ 2A/28	£ 2A/28
	15.30 120			
	15.30 120			
1.45 87600	15.30 120	1.26 88100	28.20 87700	4.11 294
1.45 87600	15.30 120	1.26 88100	28.20 87700	4.11 294

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

Scope of supply:

Tool holder with Torx key

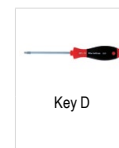


NEW

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	2A/24	00800
SCDC L 1010 M06	10	10	150	13	5	1,2	CC.. 0602	71.01	01000
SCDC L 1212 M09	12	12	150	18	6	3,2	CC.. 09T3	75.73	01200
SCDC L 1414 M09	14	14	150	18	7	3,2	CC.. 09T3	85.19	01400



Key D



Clamping screw

80 950 ...

70 950 ...

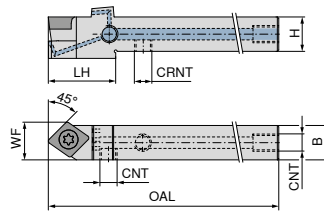
**Spare parts
for Article no.**

Article no.	Part	£		Part	£	
70 634 00800	T08 - IP	Y7	039	M2,5x6 - IP	2A/28	857
70 634 01000	T08 - IP	11.08	039	M2,5x6 - IP	4.73	857
70 634 01200	T15 - IP	15.30	120	M3,5x11	4.50	87900
70 634 01400	T15 - IP	15.30	120	M3,5x11	4.50	87900

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	£	
SCDC L 0808 K06 DC	8	8	125	17	8.5	M5	M5	1,2	CC.. 0602	2A/24	00801
SCDC L 1010 M06 DC	10	10	150	17	10.0	M6	M6	1,2	CC.. 0602	160.25	01001
SCDC L 1212 M09 DC	12	12	150	23	13.0	M6	M6	3,2	CC.. 09T3	171.26	01201
SCDC L 1414 M09 DC	14	14	150	25	14.0	M6	G1/8"	3,2	CC.. 09T3	171.26	01401



Coolant screw plug



Clamping screw



Grubscrew

70 950 ...

70 950 ...

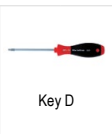
70 950 ...

**Spare parts
for Article no.**

Article no.	£		£		£	
70 767 00801	2A/28		2.73	13800		
70 767 01001			2.73	13800	M6x6	3.35 86700
70 767 01201			3.61	113	M6x6	3.35 86700
70 767 01401		G 1/8"	4.11	294	M6x6	3.35 86700



Cylindrical screw



Key D

83 950 ...

80 950 ...

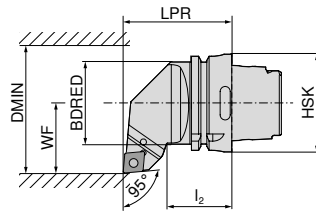
**Spare parts
for Article no.**

Article no.	£		£		£	
70 767 00801			Y7	157	T08 - IP	11.08 039
70 767 01001		M5x5 - SW2,5	3.67	157	T08 - IP	11.08 039
70 767 01201					T15 - IP	15.30 120
70 767 01401					T15 - IP	15.30 120

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 ...		74 540 ...	
									£		£	
									2D/80		2D/80	
									392.70		392.70	

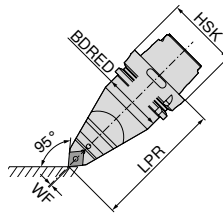
Spare parts for Article no.	74 540 512 / 74 541 512	T15/SW	70 950 ...		70 950 ...		70 950 ...		70 950 ...			
			£	398	£	114	£	166	£	170		
			2A/28	9.57	M4,5x12	2A/28	2.98	2A/28	14.28	M4,5	2A/28	5.36



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	
							536.29	

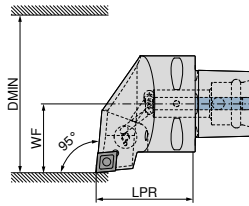
Spare parts for Article no.	74 542 512	T15/SW	70 950 ...		70 950 ...		70 950 ...		70 950 ...			
			£	398	£	114	£	166	£	170		
			2A/28	9.57	M4,5x12	2A/28	2.98	2A/28	14.28	M4,5	2A/28	5.36



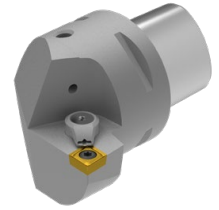
MaxiLock-S – SCLC 95° – Toolholder with screw clamping

Scope of supply:

without high-performance coolant set



Illustrations show right-hand versions

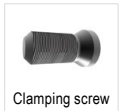


ISO designation	Adapter	LPR mm	WF mm	DMIN mm	torque moment Nm	Insert	Direct cooling compatible	Left-hand 84 655 ...		Right-hand 84 654 ...	
								£ Y8		£ Y8	
PSC40 SCLC R/L 50050-12	PSC 40	50	27	50	5	CC.. 1204	DC	542.53	01295	542.53	01295
PSC50 SCLC R/L 65060-12	PSC 50	60	35	65	5	CC.. 1204	DC	621.60	01294	621.60	01294
PSC63 SCLC R/L 80065-12	PSC 63	65	45	80	5	CC.. 1204	DC	691.45	01293	691.45	01293

The high-performance coolant set with article number 84 950 27400 can be ordered as an optional extra → Page 39.

**Spare parts
for Article no.**

84 654 01295 / 84 655 01295	12.74	27500
84 654 01294 / 84 655 01294	12.74	27500
84 654 01293 / 84 655 01293	12.74	27500

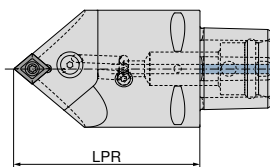


84 950 ...	
£ Y8	
12.74	27500
12.74	27500
12.74	27500

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

Scope of supply:

without high-performance coolant set

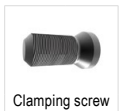


ISO designation	Adapter	LPR mm	torque moment Nm	Insert	Direct cooling compatible	Neutral 84 674 ...	
						£ Y8	
PSC63 SMC N 0100-12	PSC 63	100	5	CC.. 1204	DC	691.45	01293
PSC63 SMC N 0130-12	PSC 63	130	5	CC.. 1204	DC	691.45	11293

The high-performance coolant set with article number 84 950 27400 can be ordered as an optional extra → Page 39.

**Spare parts
for Article no.**

84 674 01293	12.74	27500
84 674 11293	12.74	27500



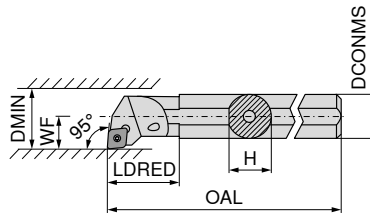
84 950 ...	
£ Y8	
12.74	27500
12.74	27500

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	111.48	008	£ 2A/24	111.48	008
A08F SCLC R/L 06	8	7.6	80	17.0	5	11	1,2	CC.. 0602	111.48	208	111.48	208	111.48	208
S10K SCLC R/L 06	10	9.0	125	15.0	7	13	1,2	CC.. 0602	111.48	010	111.48	010	111.48	010
A10H SCLC R/L 06	10	9.5	100	19.0	7	13	1,2	CC.. 0602	111.48	210	111.48	210	111.48	210
S12Q SCLC R/L 06	12	11.0	180	18.8	9	16	1,2	CC.. 0602	111.48	012	111.48	012	111.48	012
A12K SCLC R/L 06	12	11.5	125	22.0	9	16	1,2	CC.. 0602	111.48	212	111.48	212	111.48	212
A16M SCLC R/L 06	16	14.0	150	50.0	9	18	1,2	CC.. 0602	113.92	116	113.92	116	113.92	116
S16R SCLC R/L 09	16	14.5	200	25.0	11	20	3,2	CC.. 09T3	113.92	016	113.92	016	113.92	016
A16M SCLC R/L 09	16	15.0	150	29.0	11	20	3,2	CC.. 09T3	113.92	216	113.92	216	113.92	216
S20S SCLC R/L 09	20	18.0	250	25.0	13	25	3,2	CC.. 09T3	141.99	020	141.99	020	141.99	020
A20Q SCLC R/L 09	20	18.5	180	32.0	13	25	3,2	CC.. 09T3	141.99	220	141.99	220	141.99	220
S25T SCLC R/L 09	25	23.0	300	20.0	17	32	3,2	CC.. 09T3	163.24	025	163.24	025	163.24	025
A25R SCLC R/L 09	25	23.0	200	36.0	17	32	3,2	CC.. 09T3	163.24	225	163.24	225	163.24	225
A32S SCLC R/L 12	32	30.0	250	50.0	22	40	5	CC.. 1204	224.43	232	224.43	232	224.43	232
A40T SCLC R/L 12	40	38.0	300	60.0	27	50	5	CC.. 1204	269.44	240	269.44	240	269.44	240

Spare parts for Article no.

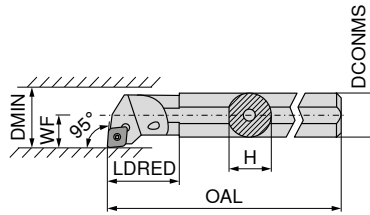
	80 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
	£ Y7	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28
70 716 008 / 70 717 008	13.09	110	2.98	116	
70 716 208 / 70 717 208	13.09	110	2.98	116	
70 716 010 / 70 717 010	13.09	110	2.98	116	
70 716 210 / 70 717 210	13.09	110	2.98	116	
70 716 012 / 70 717 012	13.09	110	2.98	116	
70 716 212 / 70 717 212	13.09	110	2.98	116	
70 716 116 / 70 717 116	13.09	110	2.98	116	
70 716 016 / 70 717 016	15.56	113	3.61	110	
70 716 216 / 70 717 216	15.56	113	3.61	110	
70 716 020 / 70 717 020	15.56	113	3.61	110	
70 716 220 / 70 717 220	15.56	113	3.61	304	
70 716 025 / 70 717 025	15.56	113	3.61	113	
70 716 225 / 70 717 225	15.56	113	3.61	304	
70 716 232 / 70 717 232		9.57	398	2.98	114
70 716 240 / 70 717 240		9.57	398	2.98	114
				14.28	166
				14.28	166
				5.36	170
				5.36	170



Key D, Combination Key, Clamping screw, Carbide type C, Threaded sleeve

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 ...	
									£ 2A		£ 2A	
E-A08F SCLC R/L 06	8	7.5	80	20.60	6	12	1,2	CC.. 0602	204.56	208	204.56	208
E-A10H SCLC R/L 06	10	9.0	100	31.75	7	14	1,2	CC.. 0602	204.56	210	204.56	210
E-A12K SCLC R/L 06	12	11.0	125	20.00	9	18	1,2	CC.. 0602	220.39	212	220.39	212
E-A16M SCLC R/L 09	16	15.0	150	45.30	11	22	3,2	CC.. 09T3	374.03	216	374.03	216
E-A20Q SCLC R/L 09	20	18.0	180	38.00	13	26	3,2	CC.. 09T3	462.46	220	462.46	220
E-A25R SCLC R/L 09	25	23.0	200	40.25	17	34	3,2	CC.. 09T3	587.01	225	587.01	225
E-A32S SCLC R/L 12	32	30.0	250	50.25	22	39	5	CC.. 1204	923.65	232	923.65	232



Key D



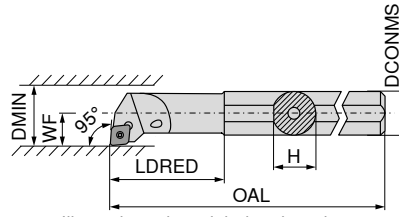
Clamping screw

**Spare parts
for Article no.**

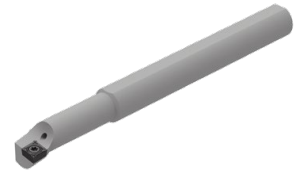
		£ Y7		£ 2A/28	
70 718 208 / 70 719 208	T08	13.09	110	2.98	116
70 718 210 / 70 719 210	T08	13.09	110	2.98	116
70 718 212 / 70 719 212	T08	13.09	110	2.98	116
70 718 216 / 70 719 216	T15	15.56	113	3.61	449
70 718 220 / 70 719 220	T15	15.56	113	3.61	449
70 718 225 / 70 719 225	T15	15.56	113	3.61	449
70 718 232 / 70 719 232	T15	15.56	113	3.92	174

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

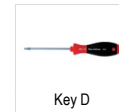
▲ with carbide core



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		Right-hand	
									£		£	
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	2A	310	2A	310
E-A1012K SCLC R/L 06	12	11.0	125	38	7	14	1,2	CC.. 0602	2A	312	2A	312
E-A1216M SCLC R/L 06	16	15.0	150	50	9	18	1,2	CC.. 0602	2A	316	2A	316



Key D



Clamping screw

Spare parts

for Article no.

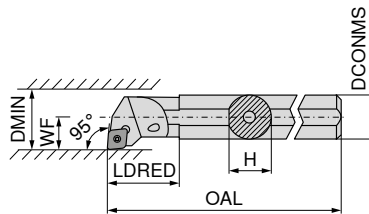
Article no.	Key D	Clamping screw
70 718 308 / 70 719 308	T08	M2,5x5
70 718 310 / 70 719 310	T08	M2,5x5
70 718 312 / 70 719 312	T08	M2,5x5
70 718 316 / 70 719 316	T08	M2,5x5

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

▲ Type: Solid carbide

Scope of supply:

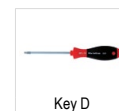
Boring bar with Torx key



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		Right-hand	
									£		£	
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	2A/24	010	2A/24	010
E12Q SCLC R/L 06	12	11.5	180	26	9	16	1,2	CC.. 0602	2A/24	012	2A/24	012
E16R SCLC R/L 09	16	15.0	200	34	11	20	3,2	CC.. 09T3	2A/24	016	2A/24	016
E20S SCLC R/L 09	20	18.5	250	38	13	25	3,2	CC.. 09T3	2A/24	020	2A/24	020
E25T SCLC R/L 09	25	23.0	300	43	17	32	3,2	CC.. 09T3	2A/24	025	2A/24	025



Key D



Clamping screw

Spare parts

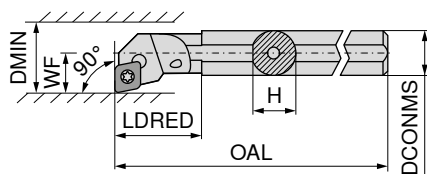
for Article no.

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:

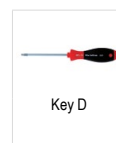
Boring bar with Torx key



Illustrations show right-hand versions



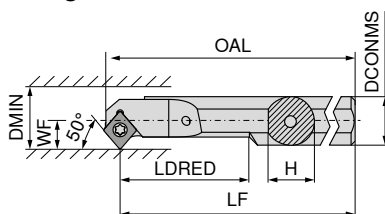
ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 793 ...		Right-hand 70 792 ...	
									£		£	
A08F SCFC R/L 06	8	7.6	80	17	5	11	1,2	CC.. 0602	2A/24	208	2A/24	208
A10H SCFC R/L 06	10	9.5	100	19	7	13	1,2	CC.. 0602	111.48	210	111.48	210
A12K SCFC R/L 06	12	11.5	125	22	9	16	1,2	CC.. 0602	111.48	212	111.48	212



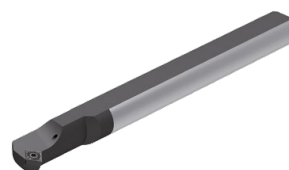
Spare parts
for Article no.

		£		£	
70 792 208 / 70 793 208	T08	Y7	110	2A/28	116
70 792 210 / 70 793 210	T08	13.09	110	2.98	116
70 792 212 / 70 793 212	T08	13.09	110	2.98	116

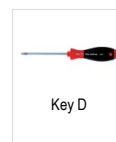
MaxiLock-S – SMC 50° – Boring bar with screw clamping



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 SMC R/L 06	8	7	104.15	100	20	5.5	10.5	1,2	CC.. 0602	2A	2A	208	
A10H SMC R/L 06	10	9	114.15	110	26	6.0	11.0	1,2	CC.. 0602	111.48	210	111.48	
A12K SMC R/L 06	12	11	129.15	125	32	7.0	13.0	1,2	CC.. 0602	111.48	212	111.48	
A16M SMC R/L 06	16	15	154.15	150	40	9.0	16.0	1,2	CC.. 0602	113.92	216	113.92	



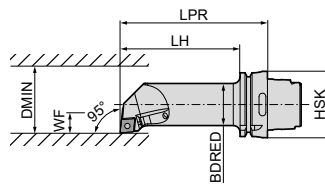
Spare parts
for Article no.

		£		£	
70 723 208 / 70 722 208	T08	Y7	110	2A/28	116
70 723 210 / 70 722 210	T08	13.09	110	2.98	116
70 723 212 / 70 722 212	T08	13.09	110	2.98	116
70 723 216 / 70 722 216	T08	13.09	110	2.98	116

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

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions

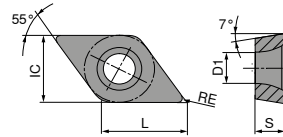


ISO designation	Adapter	LPR mm	LH mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									74 564 ...	£	74 563 ...	£
HSK T63 40L SCLC R/L 12	HSK-T 63	140	114	40	27	50	5	CC.. 1204	£ 2D/80 540.11	512	£ 2D/80 540.11	512

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	70 950 ...	£ 2A/28	70 950 ...	£ 2A/28	70 950 ...	£ 2A/28		
			9.57	398	M4,5x12	2.98	114	14.28	166	M4,5	5.36	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	
		£		£		£		£		£		£		£	
070201EN	0.1	16.00	002	9.09	002	15.50	898	15.50	900	8.41	898	16.00	50201		
070202EN	0.2	16.00	004	9.09	004	15.50	902	15.50	902	8.41	900				
070204EN	0.4														
11T302EN	0.2	21.18	014	12.61	016	19.76	854	19.76	904	11.79	904			12.63	31601
11T304EN	0.4	21.18	016	12.61	018	19.76	856	19.76	906	11.79	906			12.63	31801
11T308EN	0.8	21.18	018			19.76	858	19.76	908		906				
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	£		£		£		£		£		£		£	
070202EN	0.2	1A/08		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
070204EN	0.4	8.97	50401	8.97	70401			8.97	50401	8.97	70401			16.00	50201
070208EN	0.8							8.97	70601	8.97	70601				
11T304EN	0.4	12.63	51601	12.63	71601	12.63	31601	12.63	51601	12.63	71601				
11T308EN	0.8	12.63	51801	12.63	71801	12.63	31801	12.63	51801	12.63	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	£		£		£		£		£		£	
070204EN	0.4	8.97	004	8.97	554			8.97	30401	8.97	50401	8.97	70401
070208EN	0.8	8.97	006	8.97	506			8.97	30601	8.97	50601	8.97	70601
11T304EN	0.4	12.63	016	12.63	516			12.63	31601	12.63	51601	12.63	71601
11T308EN	0.8	12.63	018	12.63	518			12.63	31801	12.63	51801	12.63	71801
11T312EN	1.2					13.00	32001			12.63	52001		
P			○		○		●		●		●		●
M													○
K			●		●		○		○		○		
N													
S													
H													
O													

DCMT

		NEW		NEW							
		-SMQ CTCP115-P		-SMQ CTCP125-P		-M25 CTCM120		-M25 CTPM125		-M25 CTCM130	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M DCMT		M DCMT		F DCMT		F DCMT		F DCMT	
		76 195 ...		76 195 ...		75 213 ...		75 213 ...		75 213 ...	
		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/08	
ISO	RE mm										
070202EN	0.2					8.97	10200	8.97	202	8.97	30200
070204EN	0.4	10.23	30401	10.23	50401	8.97	10400	8.97	204	8.97	30400
11T302EN	0.2					12.63	11400	12.63	214	12.63	31400
11T304EL	0.4	14.50	31601	14.07	51601						
11T304EN	0.4	14.50	31501	14.07	51501	12.63	11600	12.63	216	12.63	31600
11T304ER	0.4	14.50	31701	14.07	51701						
11T308EN	0.8	14.50	31801	14.07	51801	12.63	11800	12.63	218	12.63	31800
P		●		●		○		○		○	
M		●		●		●		●		●	
K		○		○		○		○		○	
N		○		○		○		○		○	
S		○		○		○		○		○	
H		○		○		○		○		○	
O		○		○		○		○		○	

9

DCMT / DCGT

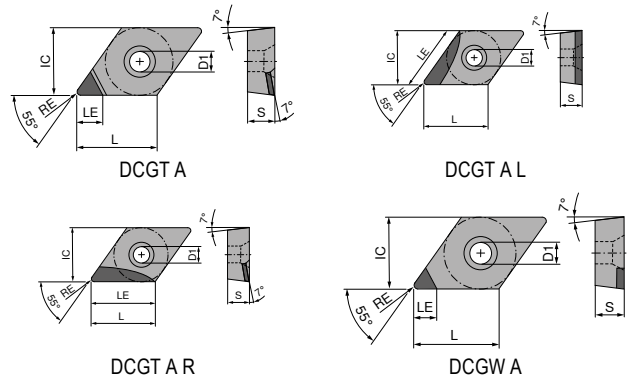
		-M55 CTCM120		-M55 CTPM125		-M55 CTCM130		-23P H216T		-25P H210T		-25P CTPX710		-25Q H210T	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M DCMT		M DCMT		M DCMT		F DCGT		F DCGT		M DCGT		M DCGT	
		75 214 ...		75 214 ...		75 214 ...		70 261 ...		70 263 ...		70 263 ...		70 263 ...	
		£ 1A/08		£ 1A/08		£ 1A/08		£ 1A/90		£ 1A/90		£ 1A/90		£ 1A/90	
ISO	RE mm														
070202FN	0.2									11.35	632	13.58	70200		
070204EN	0.4	8.97	10400	8.97	204	8.97	30400	11.35	654	11.35	634	13.58	70400		
070204FN	0.4														
070208EN	0.8	8.97	10600	8.97	206	8.97	30600								
11T302FN	0.2									14.07	635	16.40	71400		
11T304EN	0.4	12.63	11600	12.63	216	12.63	31600								
11T304FL	0.4													15.37	670
11T304FN	0.4							14.07	664	14.07	636	16.40	71600	15.37	660
11T304FR	0.4													15.37	680
11T308EN	0.8	12.63	11800	12.63	218	12.63	31800							15.37	672
11T308FL	0.8													15.37	662
11T308FN	0.8							14.07	666	14.07	638	16.40	71800	15.37	662
11T308FR	0.8													15.37	682
P		○		○		○		○		○		○		○	
M		●		●		●		●		●		●		●	
K		○		○		○		○		○		○		○	
N		○		○		○		○		○		○		○	
S		○		○		○		○		○		○		○	
H		○		○		○		○		○		○		○	
O		○		○		○		○		○		○		○	

DCGT / DCET / DCMT

		-25P H210T		-27 H10T		-27 CTPX715		-F05 CTPX710		-29 H216T		NEW -29 CTPX715	
						 DRAGONSKIN		 DRAGONSKIN				 DRAGONSKIN	
		F DCGT		M DCGT		M DCGT		F DCET		M DCMT		M DCMT	
		70 263 ...		70 260 ...		70 260 ...		76 254 ...		70 246 ...		70 246 ...	
ISO	RE mm	£		£		£		£		£		£	
0702005FN	0.05	1A/90		1A/90		1A/90		1A/08	10200	1A/90		1A/90	
070201FN	0.10							19.35	10400				
0702015FN	0.15							19.35	10600				
070202FN	0.20	11.35	632	10.73	600	13.02	80200	19.35	10800				
070204FN	0.40	11.35	634	10.73	602	13.02	80400						
070204EN	0.40									8.21	60400	10.57	70400
11T3005FN	0.05							25.65	11400				
11T301FN	0.10							25.65	11600				
11T3015FN	0.15							25.65	11800				
11T302FN	0.20	14.07	635	13.43	604	15.76	81400	25.65	12000				
11T304FN	0.40	14.07	636	13.43	606	15.76	81600	25.65	12200				
11T304EN	0.40									11.09	61600	13.22	71600
11T308FN	0.80	14.07	638	13.43	608	15.76	81800						
11T308EN	0.80									11.09	61800	13.22	71800
P													
M													
K			○		○		○				○		○
N			●		●		●		●		●		●
S			○				●		●				●
H													
O			○		○		○				○		○

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	CTDMD05		-Q CTDMD05		-Q CTDMD05		CTDPD20		CTDPD20	
				£	Y0	£	Y0	£	Y0	£	Y0	£	Y0
070202FN	0.2	A (1)	2.5	478.49	00200	516.35	050			98.86	100	98.86	100
070202FN	0.2	A (1)	3.7										
070204FN	0.4	A (1)	2.5	478.49	00400	516.35	052						
070204FR	0.4	A (1)	2.5					665.16	50001				
070204FN	0.4	A (1)	3.4							98.86	102	98.86	102
070208FN	0.8	A (1)	2.5	478.49	00600	516.35	054			98.86	104	98.86	104
070208FN	0.8	A (1)	3.0										
11T302FN	0.2	A (1)	2.5			516.35	056						
11T302FN	0.2	A (1)	3.0	478.49	056								
11T302FN	0.2	A (1)	4.7							101.15	106	101.15	106
11T304FN	0.4	A (1)	2.5			516.35	058						
11T304FL	0.4	A (1)	3.0					630.57	50001				
11T304FN	0.4	A (1)	3.0	478.49	058								
11T304FN	0.4	A (1)	4.3							101.15	108	101.15	108
11T308FN	0.8	A (1)	2.5			516.35	060						
11T308FN	0.8	A (1)	4.0							101.15	110	101.15	110
11T312FN	1.2	A (1)	3.5									101.15	11200
11T312FN	1.2	A (1)	3.6							101.15	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	71 177 ...		71 173 ...		71 173 ...		71 173 ...		71 174 ...		71 175 ...	
				£	Y0	£	Y0	£	Y0	£	Y0	£	Y0	£	Y0
070201FN	0.1	A (1)	3.8	84.34	20001			86.28	20001						
070202FN	0.2	A (1)	3.7	84.34	20101			86.28	20101			92.18	30001		
070204FN	0.4	A (1)	3.4	84.34	20201							92.18	30101	92.18	30001
070204FL	0.4	A (1)	5.5			121.58	20201								
070208FN	0.8	A (1)	3.0	84.34	20301										
11T301FN	0.1	A (1)	4.8	88.26	20401			90.20	20301						
11T302FN	0.2	A (1)	4.7	88.26	20501			90.20	20401						
11T304FN	0.4	A (1)	4.3	88.26	20601							96.09	30201	96.09	30101
11T304FL	0.4	A (1)	7.5			133.33	20501								
11T308FN	0.8	A (1)	4.0	88.26	20701							96.09	30301		
11T308FL	0.8	A (1)	7.0			133.33	20601								
11T308FR	0.8	A (1)	7.0					133.33	20701						
11T312FN	1.2	A (1)	3.6	88.26	20801										
11T312FL	1.2	A (1)	6.5			133.33	20801								
11T312FR	1.2	A (1)	6.5					133.33	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									116.97	10100		
070202FN	0.2	A (1)	3.7									116.97	102		
070204FL	0.4	A (1)	3.0							123.07	104				
070204FR	0.4	A (1)	3.0					123.07	104						
070204FN	0.4	A (1)	3.4									116.97	104		
070204FRR	0.4	A (1)	5.5			137.25	102								
070204FLL	0.4	A (1)	5.5	137.25	102										
070208FN	0.8	A (1)	3.0									116.97	108		
070208FRR	0.8	A (1)	5.0			137.25	104								
070208FLL	0.8	A (1)	5.0	137.25	104										
11T301FN	0.1	A (1)	4.8									119.46	11100		
11T302FR	0.2	A (1)	4.0											129.86	162
11T302FN	0.2	A (1)	4.7									119.46	112		
11T304FL	0.4	A (1)	4.0							129.86	114				
11T304FR	0.4	A (1)	4.0					129.86	114						129.86
11T304FN	0.4	A (1)	4.3									119.46	114		
11T304FRR	0.4	A (1)	7.5			148.13	108								
11T304FLL	0.4	A (1)	7.5	148.13	108										
11T308FN	0.8	A (1)	4.0									119.46	118		
11T308FRR	0.8	A (1)	7.0			148.13	110								
11T308FLL	0.8	A (1)	7.0	148.13	110										

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

9

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			123.07	15000								
070201FN	0.1	A (1)	3.8							116.97	20100				
070202FL	0.2	A (1)	3.0			123.07	152								
070202FR	0.2	A (1)	3.0			123.07	152								
070202FN	0.2	A (1)	3.7							116.97	202	116.97	202		
070204FN	0.4	A (1)	3.4							116.97	204	116.97	204	93.37	204
070208FN	0.8	A (1)	3.0									128.81	208		
11T301FR	0.1	A (1)	4.0			129.86	161								
11T301FL	0.1	A (1)	4.0					129.86	161						
11T301FN	0.1	A (1)	4.8							119.46	21100	125.96	21100		
11T302FL	0.2	A (1)	4.0					129.86	162						
11T302FR	0.2	A (1)	4.0			129.86	162								
11T302FN	0.2	A (1)	4.7							119.46	212	125.96	212		
11T304FL	0.4	A (1)	4.0	129.86	164										
11T304FN	0.4	A (1)	4.3							119.46	214	125.96	214	98.86	214
11T308FN	0.8	A (1)	4.0							138.40	218	138.40	218	111.22	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
	88.26 40001	144.74 302	144.74 30200
	90.20 40101	144.74 304	144.74 304
84.34 30001			
	96.09 40201		156.15 308
84.34 30101			
	92.18 40301	146.95 31200	146.95 31200
	94.11 40401	146.95 314	146.95 314
86.28 30201			
	100.04 40501	164.68 318	164.68 318
86.28 30301			

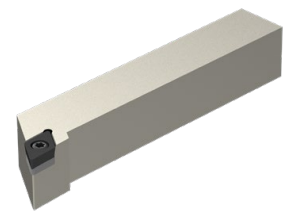
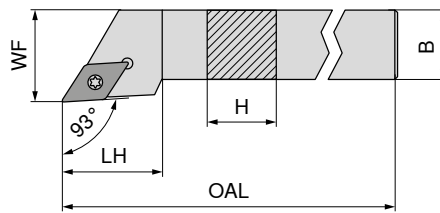
ISO	RE mm	TCE (NOI)	LE mm
070202FN	0.2	A (1)	2.6
070204FN	0.4	A (1)	2.3
070204FN	0.4	A (1)	3.4
070208FN	0.8	A (1)	2.0
070208FN	0.8	A (1)	3.0
11T302FN	0.2	A (1)	2.6
11T304FN	0.4	A (1)	2.3
11T304FN	0.4	A (1)	4.3
11T308FN	0.8	A (1)	2.0
11T308FN	0.8	A (1)	4.0

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

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

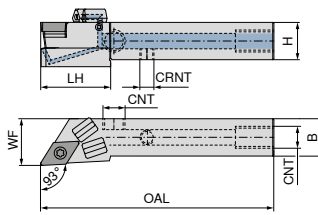
NEW Left-hand		NEW Right-hand	
70 643 ...		70 643 ...	
£		£	
2A/24		2A/24	
71.01	00800	71.01	00801
75.73	01000	75.73	01001
75.73	01200	75.73	01201
94.67	01600	94.67	01601
100.35	02000	100.35	02001
104.15	02500	104.15	02501
108.87	03200	108.87	03201

Spare parts for Article no.	Key D		Clamping screw		Solid Carbide Seat D		Threaded sleeve	
	£		£		£		£	
70 643 00800 / 70 643 00801	Y7							
70 643 01000 / 70 643 01001								
70 643 01200 / 70 643 01201								
70 643 01600 / 70 643 01601								
70 643 02000 / 70 643 02001								
70 643 02500 / 70 643 02501								
70 643 03200 / 70 643 03201								

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		NEW Right-hand	
70 773 ...		70 773 ...	
£		£	
2A/24		2A/24	
160.25	01001	160.25	01000
160.25	01201	160.25	01200
178.15	01601	178.15	01600
188.79	02001	188.79	02000
195.92	02501	195.92	02500

**Spare parts
for Article no.**

	£		£		£		£		£
70 773 01000 / 70 773 01001	4.73	857			3.35	86700			
70 773 01200 / 70 773 01201	4.73	857			3.35	86700			
70 773 01600 / 70 773 01601	4.50	87900	8.65	106	2.06	88000	3.35	86700	5.36
70 773 02000 / 70 773 02001	4.50	87900	8.65	106	2.06	88000	3.35	86700	5.36
70 773 02500 / 70 773 02501	4.50	87900	8.65	106	2.06	88000	3.35	86700	5.36

**Spare parts
for Article no.**

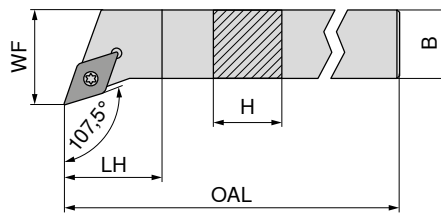
	£		£		£		£		£
70 773 01000 / 70 773 01001			11.08	039					
70 773 01200 / 70 773 01201			11.08	039					
70 773 01600 / 70 773 01601	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11
70 773 02000 / 70 773 02001	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11
70 773 02500 / 70 773 02501	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11

70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28
4.73 857			3.35 86700	
4.73 857			3.35 86700	
4.50 87900	8.65 106	2.06 88000	3.35 86700	5.36 171
4.50 87900	8.65 106	2.06 88000	3.35 86700	5.36 171
4.50 87900	8.65 106	2.06 88000	3.35 86700	5.36 171
70 950 ...	80 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ Y7	£ 2A/28	£ 2A/28	£ 2A/28
	11.08 039			
	11.08 039			
1.45 87600	15.30 120	1.26 88100	28.20 87700	4.11 294
1.45 87600	15.30 120	1.26 88100	28.20 87700	4.11 294
1.45 87600	15.30 120	1.26 88100	28.20 87700	4.11 294

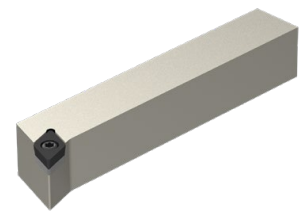
MaxiLock-S – SDHC 107.5° – Toolholder with screw clamping

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	
75.73	01000	75.73	01001
75.73	01200	75.73	01201
94.67	01600	94.67	01601
100.35	02000	100.35	02001
104.15	02500	104.15	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

Key D		Clamping screw		Solid Carbide Seat D		Threaded sleeve	
80 950 ...		70 950 ...		70 950 ...		70 950 ...	
£		£		£		£	
Y7		2A/28		2A/28		2A/28	
11.08	039	4.73	857				
11.08	039	4.73	857				
15.30	120	4.50	87900	8.65	106	5.36	171
15.30	120	4.50	87900	8.65	106	5.36	171
15.30	120	4.50	87900	8.65	106	5.36	171

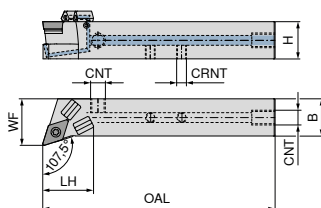
**Spare parts
for Article no.**

70 642 01000 / 70 642 01001	11.08	039
70 642 01200 / 70 642 01201	11.08	039
70 642 01600 / 70 642 01601	15.30	120
70 642 02000 / 70 642 02001	15.30	120
70 642 02500 / 70 642 02501	15.30	120

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	2A/24	01201
SDHC R/L 1616 H11 DC	16	16	100	25	20	M6	G1/8"	3,2	DC.. 11T3	178.15	01601
SDHC R/L 2020 K11 DC	20	20	125	28	25	M6	G1/8"	3,2	DC.. 11T3	188.79	02001
SDHC R/L 2525 M11 DC	25	25	150	27	32	M6	G1/8"	3,2	DC.. 11T3	195.92	02501

Spare parts for Article no.

70 772 01201 / 70 772 01200	£	857	70 772 01601 / 70 772 01600	£	106	70 772 02001 / 70 772 02000	£	171	70 772 02501 / 70 772 02500	£	171
	2A/28			2A/28			2A/28			2A/28	
	4.73			8.65			3.35			5.36	
	87900			88000			86700			86700	

Spare parts for Article no.

70 772 01201 / 70 772 01200	£	039	70 772 01601 / 70 772 01600	£	120	70 772 02001 / 70 772 02000	£	294	70 772 02501 / 70 772 02500	£	294
	2A/28			Y7			2A/28			2A/28	
	1.45			11.08			1.26			28.20	
	87600			88100			87700			87700	

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

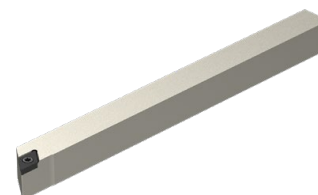
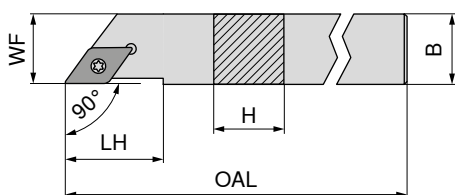
70 950 ...	80 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ Y7	£ 2A/28	£ 2A/28	£ 2A/28

MaxiLock-S – 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	75.73 00800	75.73 00801
SDAC R/L 1010 M07	10	10	150	14	10	1,2	DC.. 0702	75.73 01000	75.73 01001
SDAC R/L 1212 M07	12	12	150	14	12	1,2	DC.. 0702	85.19 01200	85.19 01201
SDAC R/L 1212 M11	12	12	150	21	12	3,2	DC.. 11T3	85.19 11200	85.19 11201
SDAC R/L 1414 M11	14	14	150	21	14	3,2	DC.. 11T3	85.19 01400	85.19 01401



Key D



Clamping screw

Spare parts

for Article no.

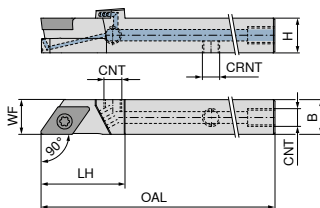
Article no.	Part	Price (£)	Part	Price (£)
70 639 00800 / 70 639 00801	T08 - IP	11.08	M2,5x6 - IP	4.73
70 639 01000 / 70 639 01001	T08 - IP	11.08	M2,5x6 - IP	4.73
70 639 01200 / 70 639 01201	T08 - IP	11.08	M2,5x6 - IP	4.73
70 639 11200 / 70 639 11201	T15 - IP	15.30	M3,5x11	4.50
70 639 01400 / 70 639 01401	T15 - IP	15.30	M3,5x11	4.50

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	160.25 00801	160.25 00800
SDAC R/L 1010 M07 DC	10	10	150	21	10	M6	M6	1,2	DC.. 0702	160.25 01001	160.25 01000
SDAC R/L 1212 M07 DC	12	12	150	21	12	M6	M6	1,2	DC.. 0702	171.26 01201	171.26 01200
SDAC R/L 1212 M11 DC	12	12	150	29	12	M6	M6	3,2	DC.. 11T3	171.26 11201	171.26 11200



Cylindrical screw



Key D



Clamping screw



Grubscrew

Spare parts

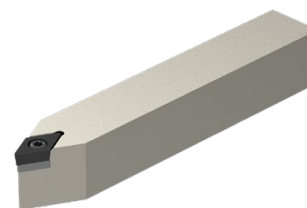
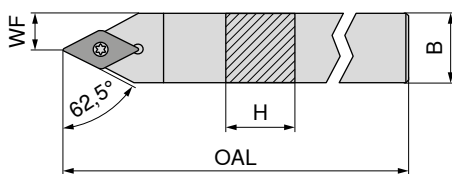
for Article no.

Article no.	Part	Price (£)	Part	Price (£)
70 771 00800 / 70 771 00801	157	3.67	M2,5x6 - IP	2.73
70 771 01000 / 70 771 01001			M2,5x6 - IP	2.73
70 771 01200 / 70 771 01201			M2,5x6 - IP	2.73
70 771 11200 / 70 771 11201			M3,5x11	3.35

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

Scope of supply:

Tool holder with Torx key



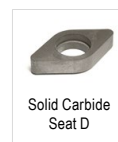
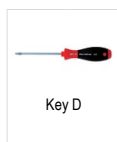
NEW

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	71.01 00800
SDNC N 1010 M07	10	10	150	5.0	1,2	DC.. 0702	75.73 11000
SDNC N 1010 E07	10	10	70	5.0	1,2	DC.. 0702	75.73 01000
SDNC N 1212 F07	12	12	80	6.0	1,2	DC.. 0702	75.73 01200
SDNC N 1212 M07	12	12	150	6.0	1,2	DC.. 0702	85.19 11200
SDNC N 1212 M11	12	12	150	6.0	3,2	DC.. 11T3	85.19 21200
SDNC N 1616 H11	16	16	100	8.0	3,2	DC.. 11T3	94.67 01600
SDNC N 2020 K11	20	20	125	10.0	3,2	DC.. 11T3	100.35 02000
SDNC N 2525 M11	25	25	150	12.5	3,2	DC.. 11T3	104.15 02500

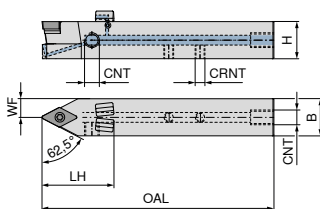


Spare parts for Article no.	80 950 ...		70 950 ...		70 950 ...		70 950 ...	
	£	Y7	£	2A/28	£	2A/28	£	2A/28
70 645 00800	11.08	039	M2,5x6 - IP	4.73 857				
70 645 11000	11.08	039	M2,5x6 - IP	4.73 857				
70 645 01000	11.08	039	M2,5x6 - IP	4.73 857				
70 645 01200	11.08	039	M2,5x6 - IP	4.73 857				
70 645 11200	11.08	039	M2,5x6 - IP	4.73 857				
70 645 21200	15.30	120	M3,5x11	4.50 87900				
70 645 01600	15.30	120	M3,5x11	4.50 87900	8.65	106	M3,5	5.36 171
70 645 02000	15.30	120	M3,5x11	4.50 87900	8.65	106	M3,5	5.36 171
70 645 02500	15.30	120	M3,5x11	4.50 87900	8.65	106	M3,5	5.36 171

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	171.26	11200
SDNC N 1212 F07 DC	12	12	80	24	6.0	M6	M6	1,2	DC.. 0702	160.25	01200
SDNC N 1212 M11 DC	12	12	150	31	6.0	M6	M6	3,2	DC.. 11T3	171.26	21200
SDNC N 1616 H11 DC	16	16	100	30	8.0	M6	G1/8"	3,2	DC.. 11T3	178.15	01600
SDNC N 2020 K11 DC	20	20	125	39	10.0	M6	G1/8"	3,2	DC.. 11T3	188.79	02000
SDNC N 2525 M11 DC	25	25	150	30	12.5	M6	G1/8"	3,2	DC.. 11T3	195.92	02500

**Spare parts
for Article no.**

	£ 2A/28		£ 2A/28		£ 2A/28		£ 2A/28		£ 2A/28
70 774 11200	4.73	857					3.35	86700	
70 774 01200	4.73	857					3.35	86700	
70 774 21200	3.61	859					3.35	86700	
70 774 01600	4.50	87900	8.65	106	2.06	88000	3.35	86700	5.36
70 774 02000	4.50	87900	8.65	106	2.06	88000	3.35	86700	5.36
70 774 02500	4.50	87900	8.65	106	2.06	88000	3.35	86700	5.36

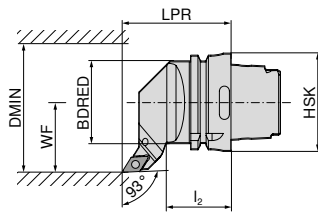
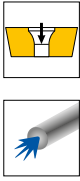
**Spare parts
for Article no.**

	£ 2A/28		£ Y7		£ 2A/28		£ 2A/28		£ 2A/28
70 774 11200			11.08	039					
70 774 01200			11.08	039					
70 774 21200			15.30	120					
70 774 01600	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11
70 774 02000	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11
70 774 02500	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11

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

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



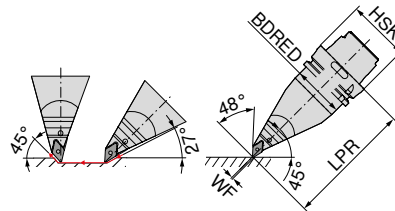
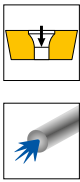
ISO designation	Adapter	LPR mm	l ₂ mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 74 544 ... £ 2D/80 392.70	Right-hand 74 543 ... £ 2D/80 392.70
HSK T63 SDJC R/L 11	HSK-T 63	70	42	53	45	100	3.2	DC.. 11T3	511	511

Spare parts for Article no.	Combination Key	Clamping screw	Solid Carbide Seat D	Threaded sleeve
74 543 511 / 74 544 511	70 950 ... £ 2A/28 9.57	70 950 ... £ 2A/28 3.61	70 950 ... £ 2A/28 8.65	70 950 ... £ 2A/28 5.36
	T15/SW	M3,5x11	M3,5	M3,5
	398	113	106	171

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

Scope of supply:

Tool holder with Torx key



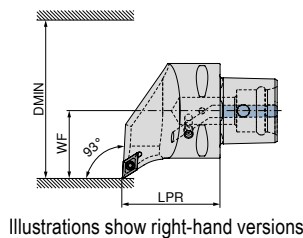
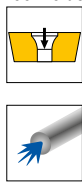
ISO designation	Adapter	LPR mm	BDRED mm	WF mm	torque moment Nm	Insert	Left-hand 74 546 ... £ 2D/80 536.29
HSK T63 SDMC L 11	HSK-T 63	130	53	0	3.2	DC.. 11T3	511

Spare parts for Article no.	Combination Key	Clamping screw	Solid Carbide Seat D	Threaded sleeve
74 546 511	70 950 ... £ 2A/28 9.57	70 950 ... £ 2A/28 3.61	70 950 ... £ 2A/28 8.65	70 950 ... £ 2A/28 5.36
	T15/SW	M3,5x11	M3,5	M3,5
	398	113	106	171

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

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

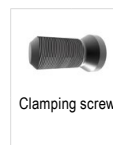


ISO designation	Adapter	LPR mm	WF mm	DMIN mm	torque moment Nm	Insert
PSC40 SDUC R/L 50050-11	PSC 40	50	27	50	3	DC.. 11T3
PSC50 SDUC R/L 65060-11	PSC 50	60	35	65	3	DC.. 11T3
PSC63 SDUC R/L 80065-11	PSC 63	65	45	80	3	DC.. 11T3

Left-hand		Right-hand	
84 659 ...		84 658 ...	
£		£	
Y8		Y8	
542.53	01195	542.53	01195
621.60	01194	621.60	01194
691.45	01193	691.45	01193

**Spare parts
for Article no.**

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

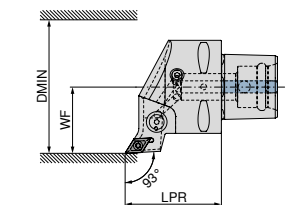
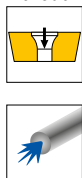


84 950 ...	
£	
Y8	
8.43	27600
8.43	27600
8.43	27600

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

Scope of supply:

without high-performance coolant set



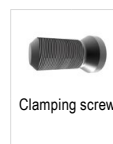
Illustrations show right-hand versions



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	
542.53	01195	542.53	01195
621.60	01194	621.60	01194
691.45	01193	691.45	01193

1 The high-performance coolant set with article number 84 950 27400 can be ordered as an optional extra → Page 39.



84 950 ...	
£	
Y8	
8.43	27600
8.43	27600
8.43	27600

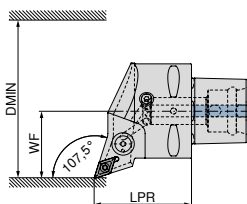
**Spare parts
for Article no.**

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

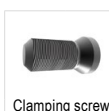


ISO designation	Adapter	LPR mm	WF mm	DMIN mm	torque moment Nm	Insert	Direct cooling compatible	Left-hand 84 667 ...		Right-hand 84 666 ...	
								£ Y8		£ Y8	
PSC40 SDHC R/L 50050-11	PSC 40	50	27	50	3	DC.. 11T3	DC	542.53	01195	542.53	01195
PSC50 SDHC R/L 65060-11	PSC 50	60	35	65	3	DC.. 11T3	DC	621.60	01194	621.60	01194
PSC63 SDHC R/L 80065-11	PSC 63	65	45	80	3	DC.. 11T3	DC	691.45	01193	691.45	01193

The high-performance coolant set with article number 84 950 27400 can be ordered as an optional extra → Page 39.

**Spare parts
for Article no.**

84 666 01195 / 84 667 01195
84 666 01194 / 84 667 01194
84 666 01193 / 84 667 01193



84 950 ...

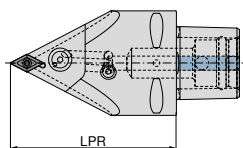
£
Y8
8.43 27600
8.43 27600
8.43 27600

9

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

Scope of supply:

without high-performance coolant set

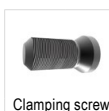


ISO designation	Adapter	LPR mm	torque moment Nm	Insert	Direct cooling compatible	Neutral 84 677 ...	
						£ Y8	
PSC63 SDNC N 0100-11	PSC 63	100	3	DC.. 11T3	DC	691.45	01193
PSC63 SDNC N 0130-11	PSC 63	130	3	DC.. 11T3	DC	691.45	11193

The high-performance coolant set with article number 84 950 27400 can be ordered as an optional extra → Page 39.

**Spare parts
for Article no.**

84 677 01193
84 677 11193



84 950 ...

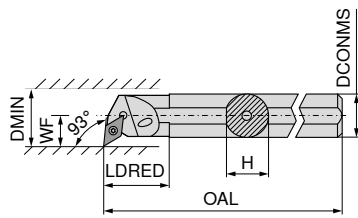
£
Y8
8.43 27600
8.43 27600

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

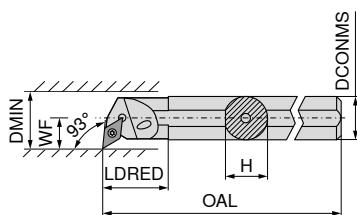


ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£		£	
S12Q SDUC R/L 07	12	11.0	180	12.5	9	17	1,2	DC.. 0702	2A/24	012	2A/24	012
A12K SDUC R/L 07	12	11.5	125	22.0	9	16	1,2	DC.. 0702	111.48	212	111.48	212
S16R SDUC R/L 07	16	15.0	200	13.0	11	21	1,2	DC.. 0702	113.92	016	113.92	016
A16M SDUC R/L 07	16	15.0	150	29.0	11	20	1,2	DC.. 0702	113.92	216	113.92	216
S20S SDUC R 07	20	18.0	250	20.0	13	25	1,2	DC.. 0702			141.99	020
A20Q SDUC R/L 07	20	18.5	180	32.0	13	25	1,2	DC.. 0702	141.99	220	141.99	220
S20S SDUC R 11	20	18.0	250	20.0	13	25	3,2	DC.. 11T3			141.99	120
A20Q SDUC R/L 11	20	19.0	180	32.0	13	25	3,2	DC.. 11T3	141.99	320	141.99	320
S25T SDUC R/L 11	25	23.0	300		17	32	3,2	DC.. 11T3	163.24	125	163.24	125
A25R SDUC R/L 11	25	24.0	200	36.0	17	32	3,2	DC.. 11T3	163.24	325	163.24	325
S32U SDUC R 11	32	30.0	350		22	40	3,2	DC.. 11T3			224.43	132
A32S SDUC R/L 11	32	31.0	250	50.0	22	40	3,2	DC.. 11T3	224.43	332	224.43	332
A40T SDUC R/L 11	40	39.0	300	60.0	27	50	3,2	DC.. 11T3	269.44	340	269.44	340

Spare parts for Article no.	Key D		Combination Key		Clamping screw		Solid Carbide Seat D		Threaded sleeve	
	£		£		£		£		£	
70 736 012 / 70 737 012	13.09	110			2.73	13800				
70 736 212 / 70 737 212	13.09	110			2.73	13800				
70 736 016 / 70 737 016	13.09	110			2.73	13800				
70 736 216 / 70 737 216	13.09	110			2.73	13800				
70 736 020	13.09	110			2.73	13800				
70 736 220 / 70 737 220	13.09	110			2.73	13800				
70 736 120	15.56	113			3.61	110				
70 736 320 / 70 737 320	15.56	113			3.61	110				
70 736 125 / 70 737 125			9.57	398	3.61	113	8.65	106	5.36	171
70 736 325 / 70 737 325	15.56	113			3.61	113				
70 736 132			9.57	398	3.61	113	8.65	106	5.36	171
70 736 332 / 70 737 332			9.57	398	3.61	113	8.65	106	5.36	171
70 736 340 / 70 737 340			9.57	398	3.61	113	8.65	106	5.36	171

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	
207.09	210	207.09	210
207.09	212	207.09	212
329.24	216	329.24	216
412.82	220	412.82	220
437.06	320	437.06	320
629.52	225	629.52	225
923.65	232	923.65	232

Spare parts

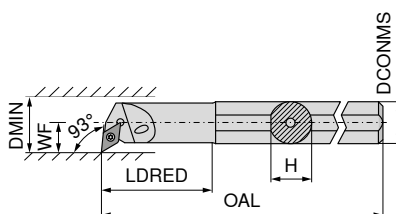
for Article no.

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

			
Key D	Clamping screw		
80 950 ...		70 950 ...	
£		£	
Y7		2A/28	
13.09	110	2.73	13800
13.09	110	2.73	13800
13.09	110	2.73	13800
13.09	110	2.73	13800
15.56	113	3.61	449
15.56	113	3.61	449
15.56	113	3.61	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	
257.89	410	257.89	410
257.89	412	257.89	412
257.89	416	257.89	416

Spare parts

for Article no.

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

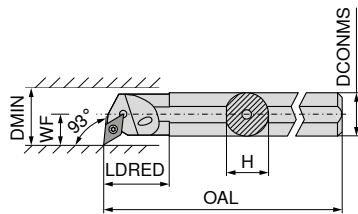
			
Key D	Clamping screw		
80 950 ...		70 950 ...	
£		£	
Y7		2A/28	
13.09	110	2.73	13800
13.09	110	2.73	13800
13.09	110	2.73	13800

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

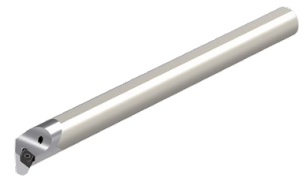
▲ Type: Solid carbide

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions

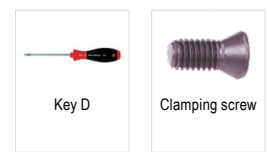


ISO designation	DCONMS	H	OAL	LDRED	WF	DMIN	torque moment	Insert
	mm	mm	mm	mm	mm	mm	Nm	
E12Q SDUC R/L 07	12	11.5	180	26	9	16	1,2	DC.. 0702
E16R SDUC R/L 07	16	15.0	200	34	11	20	1,2	DC.. 0702
E20S SDUC R/L 11	20	18.5	250	38	13	25	3,2	DC.. 11T3
E25T SDUC R/L 11	25	23.0	300	43	17	32	3,2	DC.. 11T3

Left-hand		Right-hand	
70 739 ...		70 738 ...	
£		£	
2A/24		2A/24	
384.65	012	384.65	012
502.63	016	502.63	016
627.88	120	627.88	120
1,107.21	125	1,107.21	125

Spare parts
for Article no.

70 739 012 / 70 738 012			
70 739 016 / 70 738 016			
70 739 120 / 70 738 120			
70 739 125 / 70 738 125			

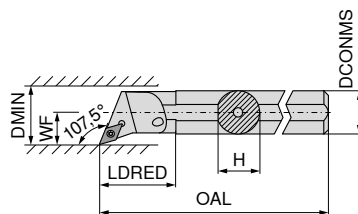


80 950 ...		70 950 ...	
£		£	
Y7		2A/28	
13.09	110	2.73	13800
13.09	110	2.73	13800
15.56	113	3.61	304
15.56	113	3.61	113

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

Scope of supply:

Boring bar with Torx key



Illustrations show right-hand versions

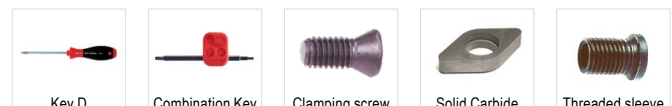


ISO designation	DCONMS	H	OAL	LDRED	WF	DMIN	torque moment	Insert
	mm	mm	mm	mm	mm	mm	Nm	
A10H SDQC R/L 07	10	9.0	100	22	7	12.5	1,2	DC.. 0702
A12K SDQC R/L 07	12	11.5	125	22	9	16.0	1,2	DC.. 0702
A16M SDQC R/L 07	16	15.0	150	29	11	20.0	1,2	DC.. 0702
A20Q SDQC R/L 07	20	18.5	180	32	13	25.0	1,2	DC.. 0702
A25R SDQC R/L 11	25	23.0	200	36	17	32.0	3,2	DC.. 11T3
A32S SDQC R/L 11	32	30.0	250	50	22	40.0	3,2	DC.. 11T3
A40T SDQC R/L 11	40	38.0	300	60	27	50.0	3,2	DC.. 11T3

Left-hand		Right-hand	
70 741 ...		70 740 ...	
£		£	
2A		2A	
111.48	210	111.48	210
111.48	212	111.48	212
113.92	216	113.92	216
141.99	220	141.99	220
163.24	225	163.24	225
224.43	232	224.43	232
269.44	240	269.44	240

Spare parts
for Article no.

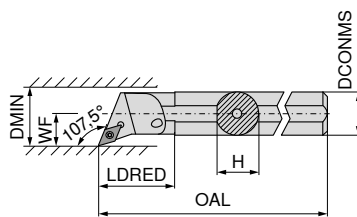
70 740 210 / 70 741 210			
70 740 212 / 70 741 212			
70 740 216 / 70 741 216			
70 740 220 / 70 741 220			
70 740 225 / 70 741 225			
70 740 232 / 70 741 232			
70 740 240 / 70 741 240			



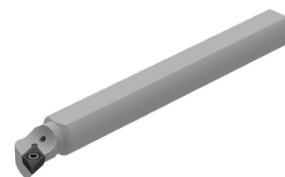
80 950 ...		70 950 ...		70 950 ...		70 950 ...		70 950 ...	
£		£		£		£		£	
Y7		2A/28		2A/28		2A/28		2A/28	
13.09	110			2.73	13800				
13.09	110			2.73	13800				
13.09	110			2.73	13800				
13.09	110			2.73	13800				
		9.57	398	3.61	113				
		9.57	398	3.61	113	8.65	106	5.36	171
		9.57	398	3.61	113	8.65	106	5.36	171

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
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	
207.09	012	207.09	012
353.48	016	353.48	016
412.82	020	412.82	020
437.06	120	437.06	120
698.54	025	698.54	025
923.65	032	923.65	032

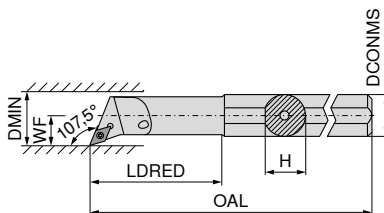
Spare parts for Article no.

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	
13.09	110	2.73	13800
13.09	110	2.73	13800
13.09	110	2.73	13800
15.56	113	3.61	449
15.56	113	3.61	449
15.56	113	3.61	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
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	
257.89	210	257.89	210
257.89	212	257.89	212
257.89	216	257.89	216

Spare parts for Article no.

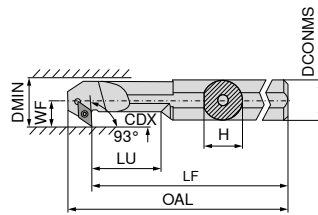
70 750 210 / 70 751 210
70 750 212 / 70 751 212
70 750 216 / 70 751 216

			
Key D	Clamping screw		
80 950 ...		70 950 ...	
£		£	
Y7		2A/28	
13.09	110	2.73	13800
13.09	110	2.73	13800
13.09	110	2.73	13800

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

Scope of supply:

Boring bar with Torx key



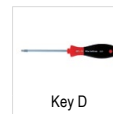
Illustrations show right-hand versions



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	113.92	216	113.92	216
A20Q SDXC R/L 11	20	18.5	180	196.5	40	13	25	6.5	3,2	DC.. 11T3	141.99	220	141.99	220
A25R SDXC R/L 11	25	23.0	200	216.8	50	17	32	9.5	3,2	DC.. 11T3	163.24	225	163.24	225

**Spare parts
for Article no.**

70 733 212 / 70 732 212	£		£	
	Y7	110	2A/28	13800
70 733 216 / 70 732 216	13.09	110	2.73	13800
70 733 220 / 70 732 220	15.56	113	3.61	304
70 733 225 / 70 732 225	15.56	113	3.61	304



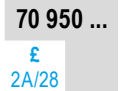
Key D



Clamping screw



80 950 ...

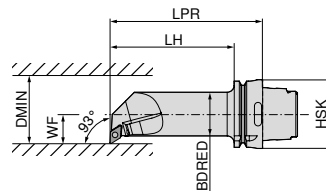


70 950 ...

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

Scope of supply:

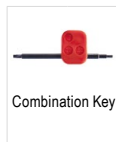
Boring bar with Torx key



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
									540.11		540.11	



Combination Key



Clamping screw



Solid Carbide Seat D



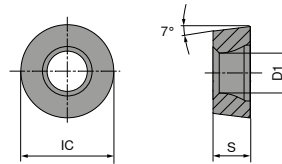
Threaded sleeve

**Spare parts
for Article no.**

74 566 511 / 74 566 511	T15/SW	£		£		£		£	
		2A/28	398	2A/28	113	2A/28	106	2A/28	171
		9.57		3.61		8.65		5.36	

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 2005..	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	CTCP125-P	CTCP125-P	CTCP135-P	CTCP135-P	CTCP135-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	RCMT	RCMT	RCGT	RCMT	RCGT	RCMT	RCGT	RCMT	RCMT
		70 188 ...	76 186 ...	76 264 ...	76 262 ...	76 264 ...	76 262 ...	76 264 ...	76 262 ...	76 264 ...	76 264 ...
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				9.33 50201		9.33 70201				
0803M0EN	4.0				10.38 51201		10.38 71201				
1003M0SN	5.0					8.97 51401				8.97 71401	
1204M0SN	6.0			10.64 32801		10.64 52601				10.64 72601	
1606M0EN	8.0	20.93 038									
1606M0SN	8.0			20.93 34001		20.93 53801				20.93 73801	
2006M0SN	10.0		29.68 35001			28.80 55001				28.80 75001	
2507M0SN	12.5			46.39 36201		46.39 56201				46.39 76201	
P		○	●	●	●	●	●	●	●	●	●
M									○	○	
K		●	○	○	○	○	○	○			
N											
S											
H											
O											

RCMT / RCMX

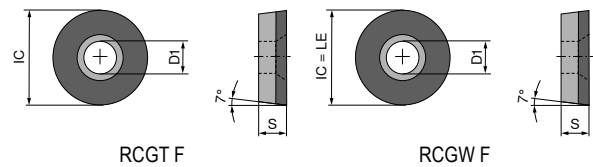
		NEW	NEW	NEW	NEW	NEW	NEW	NEW
		-SM CTPX710	-SM CTCM120	-SM CTPM125	-M23 CTCP115-P	-M23 CTCP115-P	-M23 CTCP115-P	-M23 CTCP125-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
		M RCMT	M RCMT	M RCMT	M RCMT	M RCMX	M RCMT	M RCMT
		75 221 ...	75 221 ...	75 221 ...	74 117 ...	74 117 ...	74 121 ...	74 121 ...
ISO	RE mm	£ 1A/90	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08	£ 1A/08
1003M0SN	5.0	9.26	9.26					
10T3M0SN	5.0						9.26	21400
1204M0SN	6.0						10.96	22600
1606M0SN	8.0						21.58	23800
2005M0SN	10.0				29.67	25000		
2006M0SN	10.0			29.68	25000			65000
2507M0SN	12.5					47.79	25400	
P		●	○	○	●	●	●	●
M		●	●	●				
K					○	○	○	○
N		○						
S		●						
H								
O								

RCGT

		-25P H210T	-27 H10T	-27 CTPX715
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
		F RCGT	M RCGT	M RCGT
		70 241 ...	70 266 ...	70 266 ...
ISO	RE mm	£ 1A/90	£ 1A/90	£ 1A/90
0602M0FN	3		6.96	11.72
0803M0FN	4	8.10	7.77	9.09
1003M0FN	5		7.77	9.09
			600	70200
			602	80200
			604	80400
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..	3.97	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

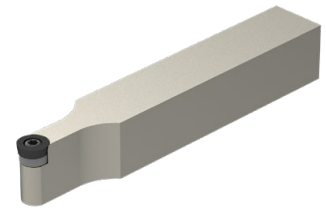
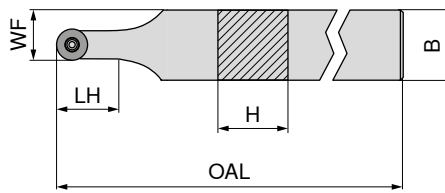
	CTDPD20	-CB1 CTDPD20	CTDPS30	-CB1 CTDPS30	-CB2 CTDPS30
	F	F	F	F	M
	DIAMOND RCGW	DIAMOND RCGT	DIAMOND RCGW	DIAMOND RCGT	DIAMOND RCGT
	71 179 ...	71 315 ...	71 179 ...	71 315 ...	71 316 ...
	£ Y0	£ Y0	£ Y0	£ Y0	£ Y0
0602M0FN	159.69	283.21	159.69	283.21	283.21
	10001	102	20001	202	202
0803M0FN	207.08		207.08		
	10101		20101		
1003M0FN	267.44				
	10201				
10T3M0FN		372.29		372.29	372.29
		104		204	204
1204M0FN	338.59				
	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	85.19	01200
SRDC N 1616 H06	16	16	100	12.0	11.0	1,2	RC.. 0602	89.95	01600
SRDC N 2020 K06	20	20	125	12.0	13.0	1,2	RC.. 0602	100.35	02000
SRDC N 2525 M06	25	25	150	12.4	15.5	1,2	RC.. 0602	104.15	02500
SRDC N 1616 H08	16	16	100	16.0	12.0	1,8	RC.. 0803	89.95	11600
SRDC N 2020 K08	20	20	125	16.5	14.0	1,8	RC.. 0803	100.35	12000
SRDC N 2525 M08	25	25	150	16.5	16.5	1,8	RC.. 0803	104.15	12500
SRDC N 1616 H10	16	16	100	20.9	13.0	3,2	RC.. 1003 / RC.. 10T3	89.95	21600
SRDC N 2020 K10	20	20	125	20.0	15.0	3,2	RC.. 1003 / RC.. 10T3	100.35	22000
SRDC N 2525 M10	25	25	150	20.9	17.5	3,2	RC.. 1003 / RC.. 10T3	104.15	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	
11.08	039	4.73	857				
11.08	039	4.73	857				
11.08	039	4.73	857				
11.08	039	4.73	857				
14.36	118	3.61	819				
14.36	118	3.61	819				
14.36	118	3.61	819				
15.30	120	4.50	87900	14.28	117	5.36	171
15.30	120	4.50	87900	14.28	117	5.36	171
15.30	120	4.50	87900	14.28	117	5.36	171

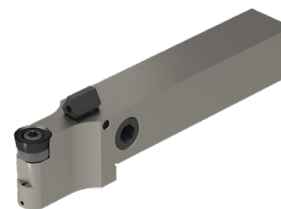
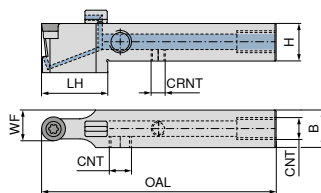
Spare parts for Article no.

70 646 01200
70 646 01600
70 646 02000
70 646 02500
70 646 11600
70 646 12000
70 646 12500
70 646 21600
70 646 22000
70 646 22500

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	198.71	01200
SRDC N 1616 H06 DC	16	16	100	30	11.0	M6	G1/8"	1,2	RC.. 0602	201.00	01600
SRDC N 2020 K06 DC	20	20	125	30	13.0	M6	G1/8"	1,2	RC.. 0602	188.79	02000
SRDC N 2525 M06 DC	25	25	150	30	15.5	M6	G1/8"	1,2	RC.. 0602	195.92	02500
SRDC N 1616 H08 DC	16	16	100	30	12.0	M6	G1/8"	1,8	RC.. 0803	201.00	11600
SRDC N 2020 K08 DC	20	20	125	30	14.0	M6	G1/8"	1,8	RC.. 0803	188.79	12000
SRDC N 2525 M08 DC	25	25	150	31	16.5	M6	G1/8"	1,8	RC.. 0803	195.92	12500
SRDC N 1616 H10 DC	16	16	100	30	13.0	M6	G1/8"	3,2	RC.. 1003 / RC.. 10T3	201.00	21600
SRDC N 2020 K10 DC	20	20	125	30	15.0	M6	G1/8"	3,2	RC.. 1003 / RC.. 10T3	188.79	22000
SRDC N 2525 M10 DC	25	25	150	36	17.5	M6	G1/8"	3,2	RC.. 1003 / RC.. 10T3	195.92	22500

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

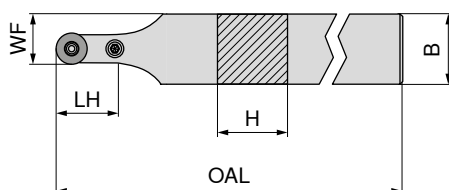
Spare parts for Article no.	70 950 ...		70 950 ...		70 950 ...		70 950 ...		70 950 ...	
	£ 2A/28	£	£ 2A/28	£	£ 2A/28	£	£ 2A/28	£	£ 2A/28	£
70 775 01200	4.73	857					3.35	86700		
70 775 01600	4.73	857			2.06	88000	3.35	86700		
70 775 02000	4.73	857			2.06	88000	3.35	86700		
70 775 02500	4.73	857			2.06	88000	3.35	86700		
70 775 11600	3.61	819			2.06	88000	3.35	86700		
70 775 12000	3.61	819			2.06	88000	3.35	86700		
70 775 12500	3.61	819			2.06	88000	3.35	86700		
70 775 21600	4.50	87900	14.28	117	2.06	88000	3.35	86700	5.36	171
70 775 22000	4.50	87900	14.28	117	2.06	88000	3.35	86700	5.36	171
70 775 22500	4.50	87900	14.28	117	2.06	88000	3.35	86700	5.36	171

Spare parts for Article no.	70 950 ...		80 950 ...		70 950 ...		70 950 ...		70 950 ...	
	£ 2A/28	£	£ Y7	£	£ 2A/28	£	£ 2A/28	£	£ 2A/28	£
70 775 01200			11.08	039						
70 775 01600	1.45	87600	11.08	039	1.26	88100	28.20	87700	4.11	294
70 775 02000	1.45	87600	11.08	039	1.26	88100	28.20	87700	4.11	294
70 775 02500	1.45	87600	11.08	039	1.26	88100	28.20	87700	4.11	294
70 775 11600	1.45	87600	14.36	118	1.26	88100	28.20	87700	4.11	294
70 775 12000	1.45	87600	14.36	118	1.26	88100	28.20	87700	4.11	294
70 775 12500	1.45	87600	14.36	118	1.26	88100	28.20	87700	4.11	294
70 775 21600	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11	294
70 775 22000	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11	294
70 775 22500	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11	294

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

Scope of supply:

Tool holder with allen key



Neutral

70 544 ...

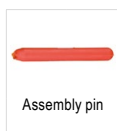
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	£		
PRDC N 2525 M12	25	25	150	24	18.5	3	RC.. 1204	2A/24	101.55	025
PRDC N 3225 P12	32	25	170	24	18.5	3	RC.. 1204	2A/24	108.93	032
PRDC N 3225 P16	32	25	170	28	20.5	4	RC.. 1606	2A/24	108.93	132



Key I



Shim



Assembly pin



Lever



Clamping screw



Solid carbide support R

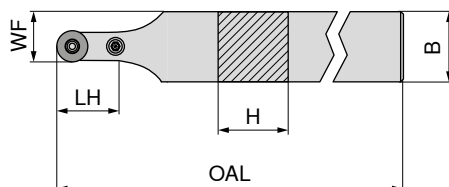
Spare parts for Article no.

Article no.	Key I	Shim	Assembly pin	Lever	Clamping screw	Solid carbide support R
70 544 025	2.83	2.03	1.42	17.92	3.69	8.19
70 544 032	2.83	2.03	1.42	17.92	3.69	8.19
70 544 132	2.83	1.59	1.42	18.55	4.04	14.54

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

Scope of supply:

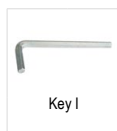
Tool holder with allen key



Neutral

70 545 ...

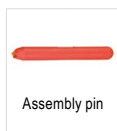
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	£		
PRDC N 3225 P20	32	32	170	32	26.0	5	RC.. 2006	2A/24	134.49	23200
PRDC N 4040 S25	40	40	250	42	32.5	6	RCMT 2507 / RCMX 2507	2A/24	167.29	40400



Key I



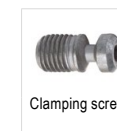
Shim



Assembly pin



Lever



Clamping screw



Solid carbide support R

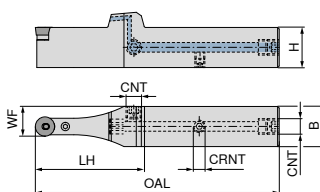
Spare parts for Article no.

Article no.	Key I	Shim	Assembly pin	Lever	Clamping screw	Solid carbide support R
70 545 23200	2.83	1.28	1.42	17.59	3.97	19.67
70 545 40400	2.98	2.03	1.42	21.65	8.64	36.89

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

Scope of supply:

Tool holder with allen key



NEW

Neutral

70 595 ...

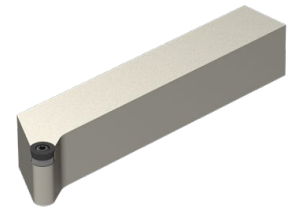
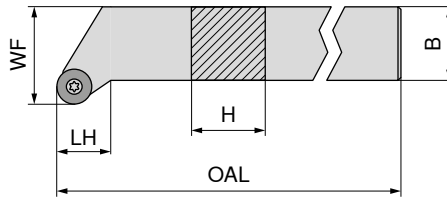
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	£	
PRDC N 2020 X12-T DC	20	20	132	63	16.0	M6	G1/8"	3	RC.. 1204	198.09	02000
PRDC N 2525 X12-T DC	25	25	152	68	18.5	M6	G1/8"	3	RC.. 1204	208.52	02500
PRDC N 3225 X12-T DC	32	25	168	68	18.5	M6	G1/8"	3	RC.. 1204	218.95	03200
PRDC N 3225 X16-T DC	32	25	172	72	20.5	M6	G1/8"	4	RC.. 1606	218.95	13200
PRDC N 3232 X20-T DC	32	32	176	76	26.0	M6	G1/8"	5	RC.. 2006	229.38	23200
PRDC N 4040 X25-T DC	40	40	216	91	32.5	M6	G1/8"	6	RCMT 2507 / RCMX 2507	250.25	04000

Spare parts for Article no.	Key I		Shim		Assembly pin		Coolant screw plug		Lever		Clamping screw		Solid carbide support R		Grubscrew	
	£		£		£		£		£		£		£		£	
70 595 02000	2.83	175	2.03	197	1.42	191	4.11	294	17.92	178	3.69	208	8.19	215	3.35	86700
70 595 02500	2.83	175	2.03	197	1.42	191	4.11	294	17.92	178	3.69	208	8.19	215	3.35	86700
70 595 03200	2.83	175	2.03	197	1.42	191	4.11	294	17.92	178	3.69	208	8.19	215	3.35	86700
70 595 13200	2.83	175	1.59	196	1.42	192	4.11	294	18.55	387	4.04	390	14.54	384	3.35	86700
70 595 23200	2.83	177	1.28	391	1.42	394	4.11	294	17.59	28100	3.97	28500	19.67	27400	3.35	86700
70 595 04000	2.98	396	2.03	392	1.42	395	4.11	294	21.65	28400	8.64	28600	36.89	27500	3.35	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 85.19	70 647 ... £ 2A/24 85.19
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	100.35	100.35
SRGC R/L 2525 M06	25	25	150	18.5	32	1,2	RC.. 0602	104.15	104.15
SRGC R/L 1616 H08	16	16	100	13.6	20	1,8	RC.. 0803	89.95	89.95
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	104.15	104.15
SRGC R/L 2020 K10	20	20	125	16.1	25	3,2	RC.. 1003 / RC.. 10T3	100.35	100.35
SRGC R/L 2525 M10	25	25	150	19.6	32	3,2	RC.. 1003 / RC.. 10T3	104.15	104.15
								02500	02501
								11600	11601
								12500	12501
								22000	22001
								22500	22501

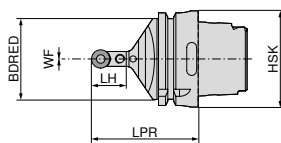
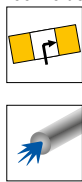
When using WSP RC .. 10T3 indexable inserts, use insert seat article no. 70 950 92100.

Spare parts for Article no.	Key D		Clamping screw		Solid carbide support R		Threaded sleeve	
	£		£		£		£	
70 647 01200 / 70 647 01201	Y7		2A/28		2A/28		2A/28	
70 647 01601	11.08	039	4.73	857				
70 647 02000 / 70 647 02001	11.08	039	4.73	857				
70 647 02500 / 70 647 02501	11.08	039	4.73	857				
70 647 11600 / 70 647 11601	14.36	118	3.61	819				
70 647 12001	14.36	118	3.61	819				
70 647 12500 / 70 647 12501	14.36	118	3.61	819				
70 647 22000 / 70 647 22001	15.30	120	4.50	87900	14.28	117	5.36	171
70 647 22500 / 70 647 22501	15.30	120	4.50	87900	14.28	117	5.36	171

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

Scope of supply:

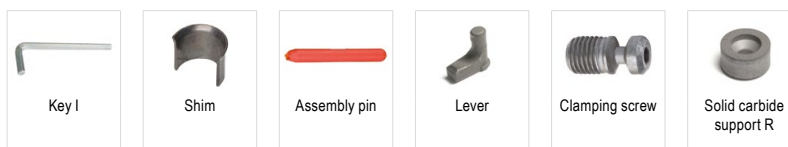
Tool holder with allen key



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	396.51	512
HSK T100 PRDC N 12	HSK-T 100	80	88	0	3	RC.. 1204 M0	452.05	712
HSK T100 PRDC N 16	HSK-T 100	80	88	0	4	RC.. 1606 M0	452.05	716



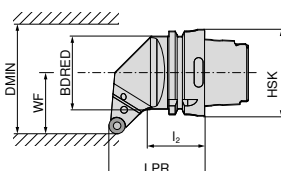
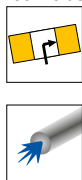
70 950 ... **70 950 ...** **70 950 ...** **70 950 ...** **70 950 ...** **70 950 ...**

Spare parts for Article no.	£ 2A/28	£	£ 2A/28	£	£ 2A/28	£	£ 2A/28	£	£ 2A/28	£	£		
74 548 512		2.83	175	2.03	197	1.42	191	17.92	178	3.69	208	8.19	215
74 548 712		2.83	175	2.03	197	1.42	191	17.92	178	3.69	208	8.19	215
74 548 716		2.83	176	1.59	196	1.42	192	18.55	387	4.04	390	14.54	384

MaxiLock-N – PRSC – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



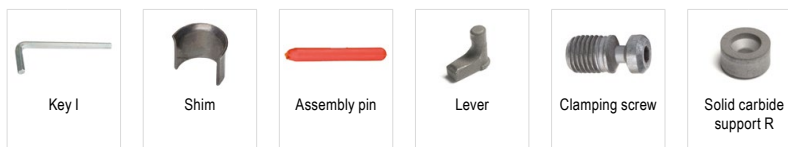
Illustrations show right-hand versions

Left-hand

Right-hand

74 552 ... **74 551 ...**

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	396.51	512	396.51	512
HSK T100 PRSC R/L 12	HSK-T 100	80	57	88	55	106	3	RC.. 1204 M0	452.05	712	452.05	712
HSK T100 PRSC R/L 16	HSK-T 100	80	55	88	55	125	4	RC.. 1606 M0	452.05	716	452.05	716

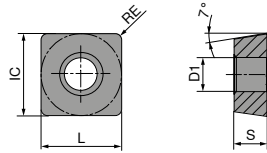


70 950 ... **70 950 ...** **70 950 ...** **70 950 ...** **70 950 ...** **70 950 ...**

Spare parts for Article no.	£ 2A/28	£	£ 2A/28	£	£ 2A/28	£	£ 2A/28	£	£ 2A/28	£	£		
74 551 512 / 74 552 512		2.83	175	2.03	197	1.42	191	17.92	178	3.69	208	8.19	215
74 551 712 / 74 552 712		2.83	175	2.03	197	1.42	191	17.92	178	3.69	208	8.19	215
74 551 716 / 74 552 716		2.83	176	1.59	196	1.42	192	18.55	387	4.04	390	14.54	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	17.44	004	11.18	004	16.00	902	11.20	50401	11.20	50401	11.20	30401		
09T308EN	0.8	17.44	006	11.18	006	16.00	904	11.55	30601	11.20	50601	11.20	30601		
120408EN	0.8									15.77	51801			15.77	71801
P			●		●		●		●		●		●		●
M			○		○		○		○		○		○		○
K			○		○		○		○		○		○		○
N															
S															
H															
O															

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	11.20	004	11.20	504	11.20	30401	11.20	50401	11.20	70401
09T308EN	0.8	11.20	006	11.20	506	11.20	30601	11.20	50601	11.20	70601
120408EN	0.8	15.77	018	15.77	518	15.77	31801	15.77	51801	15.77	71801
120412EN	1.2	15.77	020	15.77	520			15.77	52001		
P			○		○		●		●		●
M											○
K			●		●		○		○		
N											
S											
H											
O											

SCMT

NEW

-M25
CTPM125

DRAGONSKIN

F
SCMT



75 222 ...

£
1A/08

11.54 70400

-M55
CTCM120

DRAGONSKIN

M
SCMT



75 216 ...

£
1A/08

11.20 10600

-M55
CTPM125

DRAGONSKIN

M
SCMT


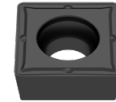
75 216 ...

£
1A/08

11.20 206

-M55
CTCM130

DRAGONSKIN

M
SCMT

75 216 ...

£
1A/08

11.20 30600

ISO	RE mm				
09T304EN	0.4				
09T308EN	0.8				
120408EN	0.8				

P

M

K

N

S



H

O

○	○	○	○
●	●	●	●
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○

SCGT

-25P
H210T

F
SCGT



70 283 ...

£
1A/90

15.37 634

-25P
CTPX710

DRAGONSKIN

M
SCGT


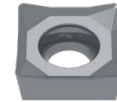
70 283 ...

£
1A/90

18.20 71600

-27
CTPX715

DRAGONSKIN


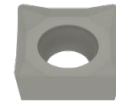
M
SCGT

70 270 ...

£
1A/90

15.57 80400
15.57 80600

-27
H10T

M
SCGT

70 270 ...

£
1A/90

12.61 600
12.61 602

ISO	RE mm				
09T304FN	0.4				
09T308FN	0.8				
120408FN	0.8				

P

M

K

N

S

H

O

○	○	○	○
●	●	●	●
○	○	○	○
○	○	○	○
○	○	○	○

9

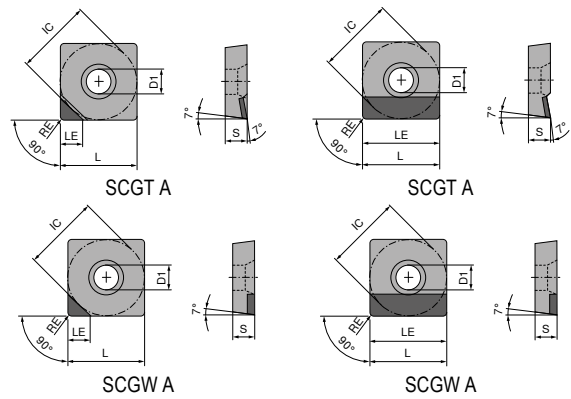
cuttingtools.ceratizit.com

→ v. Page 186-199

9|129

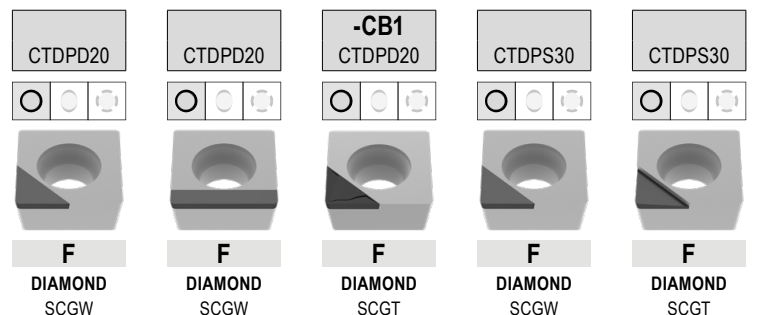
SCGW / SCGT

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

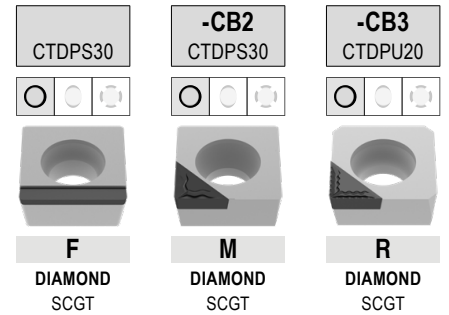


ISO	RE mm	TCE (NOI)	LE mm	71 182 ...		71 183 ...		71 320 ...		71 182 ...		71 180 ...	
				£ Y0	10001	£ Y0	10001	£ Y0	114	£ Y0	20601	£ Y0	20001
09T304FN	0.4	A (1)	9.52			129.43	10001	138.40	114	86.28	20601	86.28	20001
09T304FN	0.4	A (1)	4.40	86.28	10001								
09T308FN	0.8	A (1)	9.52			129.43	10101	138.40	118			86.28	20101
09T308FN	0.8	A (1)	4.30	86.28	10101								
09T312FN	1.2	A (1)	4.20	86.28	10201							86.28	20201
120404FN	0.4	A (1)	12.70			143.17	10201						
120404FN	0.4	A (1)	4.40	88.26	10301								
120408FN	0.8	A (1)	4.30	88.26	10401								
120408FN	0.8	A (1)	12.70			143.17	10301						
120412FN	1.2	A (1)	4.20	88.26	10501								
120412FN	1.2	A (1)	12.70			143.17	10401						

P													
M													
K													
N													
S													
H													
O													

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

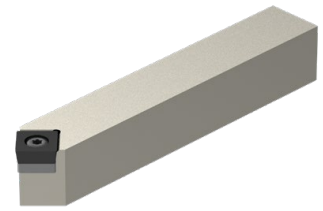
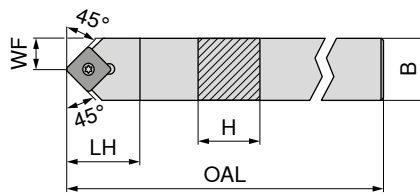
71 181 ...		71 321 ...		71 322 ...	
£		£		£	
Y0		Y0		Y0	
129.43	20001	128.81	214	102.99	214
143.17	20101	138.40	218	111.22	218
143.17	20201				

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..	75.73	01200
SSDC N 1616 H09	16	16	100	20	8.0	3,2	SC.. 09T3..	94.67	01600
SSDC N 2020 K09	20	20	125	20	10.0	3,2	SC.. 09T3..	100.35	02000
SSDC N 1616 H12	16	16	100	25	8.0	5	SC.. 1204..	94.67	11600
SSDC N 2020 K12	20	20	125	25	10.0	5	SC.. 1204..	100.35	12000
SSDC N 2525 M12	25	25	150	25	12.5	5	SC.. 1204..	104.15	12500

Spare parts for Article no.

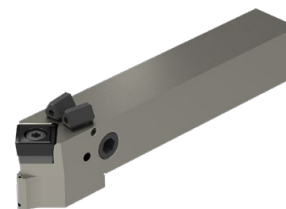
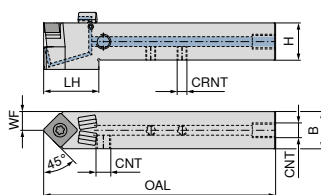
Article no.	£		£		£		£	
70 651 01200	15.30	120	4.50	87900				
70 651 01600	15.30	120	4.50	87900				
70 651 02000	15.30	120	4.50	87900	11.16	167	5.36	171
70 651 11600	15.30	120	3.45	820	14.28	168	5.36	170
70 651 12000	15.30	120	3.45	820	14.28	168	5.36	170
70 651 12500	15.30	120	3.45	820	14.28	168	5.36	170

 Key D 80 950 ...	 Clamping screw 70 950 ...	 Solid Carbide support S 70 950 ...	 Threaded sleeve 70 950 ...
£ Y7	£ 2A/28	£ 2A/28	£ 2A/28

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..	160.25	01200
SSDC N 1616 H09 DC	16	16	100	30	16.0	M6	G1/8"	3,2	SC..09T3..	178.15	01600
SSDC N 2020 K09 DC	20	20	125	30	20.0	M6	G1/8"	3,2	SC..09T3..	188.79	02000
SSDC N 1616 H12 DC	16	16	100	29	17.3	M6	G1/8"	5	SC..1204..	178.15	11600
SSDC N 2020 K12 DC	20	20	125	30	20.0	M6	G1/8"	5	SC..1204..	188.79	12000
SSDC N 2525 M12 DC	25	25	150	30	25.0	M6	G1/8"	5	SC..1204..	195.92	02500

Spare parts for Article no.

	£		£		£		£		£
	2A/28		2A/28		2A/28		2A/28		2A/28
70 776 01200	4.50	87900					3.35	86700	
70 776 01600	4.50	87900	11.16	167	2.06	88000	3.35	86700	5.36
70 776 02000	4.50	87900	11.16	167	2.06	88000	3.35	86700	5.36
70 776 11600	3.45	820	14.28	168	2.06	88000	3.35	86700	5.36
70 776 12000	3.45	820	14.28	168	2.06	88000	3.35	86700	5.36
70 776 02500	3.45	820	14.28	168	2.06	88000	3.35	86700	5.36

Spare parts for Article no.

	£		£		£		£		£
	2A/28		Y7		2A/28		2A/28		2A/28
70 776 01200			15.30	120					
70 776 01600	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11
70 776 02000	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11
70 776 11600	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11
70 776 12000	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11
70 776 02500	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11

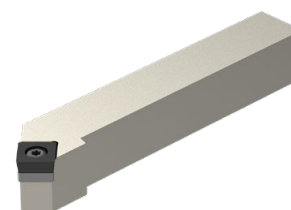
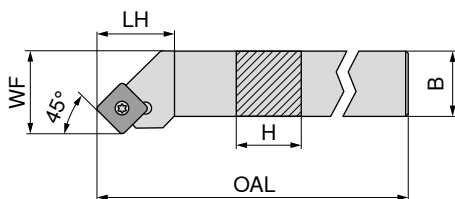
Clamping screw	Solid Carbide support S	Grubscrew	Grubscrew	Threaded sleeve
70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...

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 – 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 75.73	01200	70 654 ... £ 2A/24 75.73	01201
SSSC R/L 1616 H09	16	16	100	20	20	3,2	SC.. 09T3..	94.67	01600	94.67	01601
SSSC R/L 2020 K09	20	20	125	20	25	3,2	SC.. 09T3..	100.35	02000	100.35	02001
SSSC R/L 1616 H12	16	16	100	25	20	5	SC.. 1204..	94.67	11600	94.67	11601
SSSC R/L 2020 K12	20	20	125	25	25	5	SC.. 1204..	100.35	12000	100.35	12001
SSSC R/L 2525 M12	25	25	150	25	32	5	SC.. 1204..	104.15	12500	104.15	12501
SSSC R 3225 P12	32	25	170	25	32	5	SC.. 1204..	108.87	13201	108.87	13201

Spare parts

for Article no.

Article no.	£	80 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...
70 654 01201 / 70 654 01200	Y7	15.30	120	2A/28	4.50	87900		
70 654 01601 / 70 654 01600		15.30	120		4.50	87900	11.16	167
70 654 02001 / 70 654 02000		15.30	120		4.50	87900	11.16	167
70 654 11601 / 70 654 11600		15.30	120		3.45	820	14.28	168
70 654 12001 / 70 654 12000		15.30	120		3.45	820	14.28	168
70 654 12501 / 70 654 12500		15.30	120		3.45	820	14.28	168
70 654 13201		15.30	120		3.45	820	14.28	168

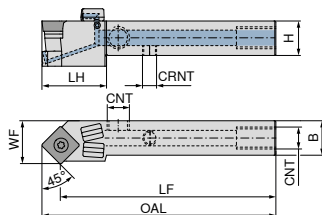


Key D	Clamping screw	Solid Carbide support S	Threaded sleeve
80 950 ...	70 950 ...	70 950 ...	70 950 ...
£ Y7	£ 2A/28	£ 2A/28	£ 2A/28

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 ...				
										£	01201	£	01200	
SSSC R/L 1212 F09 DC	12	12	86.5	22	16.0	M6	M6	3,2	SC..09T3..	2A/24	160.25	160.25	178.15	178.15
SSSC R/L 1616 H09 DC	16	16	106.5	30	20.0	M6	G1/8"	3,2	SC..09T3..	2A/24	178.15	178.15	188.79	188.79
SSSC R/L 2020 K09 DC	20	20	131.5	30	25.0	M6	G1/8"	3,2	SC..09T3..	2A/24	188.79	188.79	178.15	178.15
SSSC R/L 1616 H12 DC	16	16	108.5	30	20.0	M6	G1/8"	5	SC..1204..	2A/24	178.15	178.15	188.79	188.79
SSSC R/L 2020 K12 DC	20	20	133.5	30	25.0	M6	G1/8"	5	SC..1204..	2A/24	188.79	188.79	195.92	195.92
SSSC R/L 2525 M12 DC	25	25	158.5	32	32.0	M6	G1/8"	5	SC..1204..	2A/24	195.92	195.92	205.72	205.72
SSSC L 3225 P 12 DC	32	25	178.5	32	32.1	G1/8"	G1/8"	5	SC..1204..	2A/24	205.72	205.72	03201	03201

Spare parts for Article no.

	£		£		£		£		£	
70 777 01200 / 70 777 01201	3.61	859						3.35	86700	
70 777 01600 / 70 777 01601	4.50	87900	11.16	167	2.06	88000	3.35	86700	5.36	171
70 777 02000 / 70 777 02001	4.50	87900	11.16	167	2.06	88000	3.35	86700	5.36	171
70 777 11600 / 70 777 11601	3.45	820	14.28	168	2.06	88000	3.35	86700	5.36	170
70 777 12000 / 70 777 12001	3.45	820	14.28	168	2.06	88000	3.35	86700	5.36	170
70 777 02500 / 70 777 02501	3.45	820	14.28	168	2.06	88000	3.35	86700	5.36	170
70 777 03201	3.45	820	14.28	168	2.06	88000			5.36	170

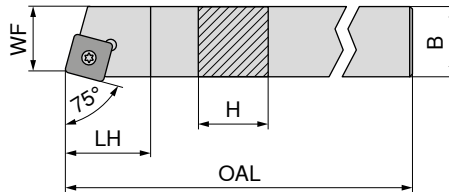
Spare parts for Article no.

	£		£		£		£		£	
70 777 01200 / 70 777 01201			15.30	120						
70 777 01600 / 70 777 01601	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11	294
70 777 02000 / 70 777 02001	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11	294
70 777 11600 / 70 777 11601	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11	294
70 777 12000 / 70 777 12001	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11	294
70 777 02500 / 70 777 02501	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11	294
70 777 03201	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11	294

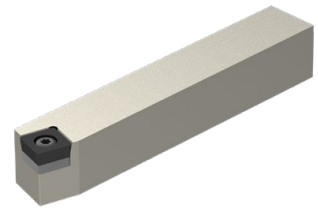
MaxiLock-S – SSBC 75° – Toolholder with screw clamping

Scope of supply:

Tool holder with blind plug and Torx key



Illustrations show right-hand versions



NEW Left-hand		NEW Right-hand	
70 650 ...	£ 2A/24	70 650 ...	£ 2A/24
100.35	12000	100.35	12001
104.15	12500	104.15	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..
SSBC R/L 2525 M12	25	25	150	20	22	5	SC.. 1204..

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
15.30	3.45	14.28	5.36
120	820	168	170

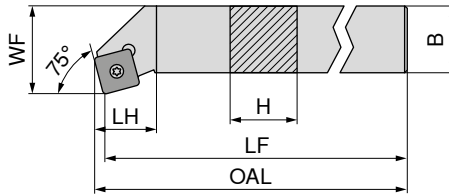
**Spare parts
for Article no.**

70 650 12001 / 70 650 12000
70 650 12501 / 70 650 12500

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 ...	£ 2A/24	70 668 ...	£ 2A/24
92.36	016	92.36	016
98.18	020	98.18	020
		98.18	120
		101.55	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..
SSKC R/L 2020 K09	20	20	125	127.3	22	25	3,2	SC.. 09T3..
SSKC R 2020 K12	20	20	125	127.3	23	25	5	SC.. 1204..
SSKC R 2525 M12	25	25	150	153.3	23	32	5	SC.. 1204..

Key D	Combination Key	Clamping screw	Solid Carbide support S	Threaded sleeve
80 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
£ Y7	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28
15.56	9.57	3.61	11.16	5.36
113	398	113	167	171
		114	168	170
		114	168	170

**Spare parts
for Article no.**

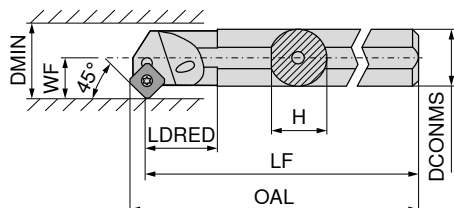
70 668 016 / 70 669 016
70 668 020 / 70 669 020
70 668 120
70 668 125

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	
										70 721 ...	£	70 720 ...	£
S16R SSSC R 09	16	15.00	200	206.0	13.97	11	20	3,2	SC.. 09T3..	2A/24		113.92	016
A16M SSSC R/L 09	16	15.25	150	156.0	29.00	11	20	3,2	SC.. 09T3..	113.92	216	113.92	216
A20Q SSSC R/L 09	20	19.00	180	186.0	32.00	13	25	3,2	SC.. 09T3..	141.99	220	141.99	220
A25R SSSC R/L 09	25	24.50	200	206.0	36.00	17	32	3,2	SC.. 09T3..	163.24	225	163.24	225
A32S SSSC R/L 12	32	31.00	250	258.3	50.00	22	40	5	SC.. 1204..	224.43	232	224.43	232
A40T SSSC R/L 12	40	39.00	300	308.1	60.00	27	50	5	SC.. 1204..	269.44	240	269.44	240

Spare parts for Article no.

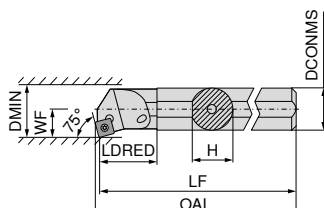
Article no.	£	80 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	£	70 950 ...	
70 720 016	Y7	15.56	113	2A/28	3.61	110	2A/28				
70 720 216 / 70 721 216		15.56	113		3.61	110					
70 720 220 / 70 721 220		15.56	113		3.61	304					
70 720 225 / 70 721 225		15.56	113		3.61	304					
70 720 232 / 70 721 232				9.57	398	2.98	114	14.28	168	5.36	170
70 720 240 / 70 721 240				9.57	398	2.98	114	14.28	168	5.36	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	
										70 725 ...	£	70 724 ...	£
A16M SSKC R/L 09	16	15.0	150	152.4	29	11	20	3,2	SC.. 09T3..	2A/24		113.92	216
A20Q SSKC R/L 09	20	18.5	180	182.4	32	13	25	3,2	SC.. 09T3..	141.99	220	141.99	220
A25R SSKC R/L 09	25	23.0	200	202.4	36	17	32	3,2	SC.. 09T3..	163.24	225	163.24	225

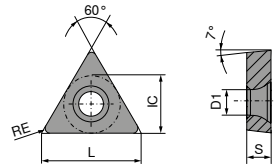
Spare parts for Article no.

Article no.	£	80 950 ...	£	70 950 ...		
70 724 216 / 70 725 216	Y7	15.56	113	M3,5x7,2	3.61	110
70 724 220		15.56	113	M3,5x8,6	3.61	304
70 725 220		15.56	113	M3,5x8,6	3.61	304
70 724 225 / 70 725 225		15.56	113	M3,5x8,6	3.61	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	
		£	IC	£	IC	£	IC	£	IC	£	IC	£	IC	£	IC
110202EN	0.2	15.65	014	15.65	016	14.47	900	14.47	902	8.84	51601	8.84	31801	8.84	71801
110204EN	0.4	15.65	016	8.92	016	14.47	902	8.41	902	8.84	51801	8.84	31801	8.84	71801
110208EN	0.8	15.65	018							8.84	51801	8.84	31801	8.84	71801
16T304EN	0.4	19.81	028			18.35	906			12.75	52801	12.75	32801		
16T308EN	0.8			12.36	030					12.75	53001	12.75	33001		
P		●		●		●		●		●		●		●	
M		○		○		○		○		○		○		○	
K		○		○		○		○		○		○		○	
N															
S															
H															
O															

TCGT / TCMT

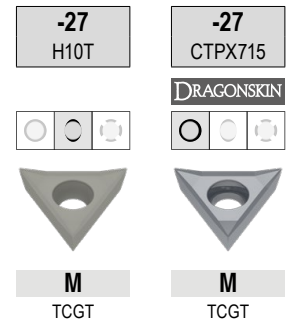
		NEW		NEW		NEW		NEW		NEW	
		-SM	-SM	-SM	-SM	-SM	-SM	-SM	-SM	-SM	-SM
		CTCP135-P	CTCK110	CTCK120	CTCP115-P	CTCP115-P	CTCP125-P	CTCP125-P	CTCP125-P	CTCP135-P	CTCP135-P
		DRAGONS	DRAGONS	DRAGONS	DRAGONS	DRAGONS	DRAGONS	DRAGONS	DRAGONS	DRAGONS	DRAGONS
		M	M	M	M	M	M	M	M	M	M
		TCGT	TCMT	TCMT	TCMT	TCMT	TCMT	TCMT	TCMT	TCMT	TCMT
		76 270 ...	70 274 ...	70 274 ...	76 189 ...	76 274 ...	76 274 ...	76 274 ...	76 274 ...	76 274 ...	76 274 ...
ISO	RE mm	£	£	£	£	£	£	£	£	£	£
090204EN	0.4	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08
110202EN	0.2	15.65	71401								
110204EN	0.4		8.84 016	8.84 516		8.84 31601	8.84 51601		8.84 71601		
110208EN	0.8		8.84 018	8.84 518		8.84 31801			8.84 71801		
16T304EN	0.4		12.75 028	12.75 528		12.75 32801	12.75 52801		12.75 72801		
16T308EN	0.8		12.75 030	12.75 530		12.75 33001	12.75 53001		12.75 73001		
16T312EN	1.2		12.75 032	12.75 532							
220408EN	0.8				18.89 34201		18.35 54201		18.35 74201		
P		●	○	○	●	●	●	●	●	●	●
M		○	○	○	○	○	○	○	○	○	○
K			●	●	○	○	○	○			
N											
S											
H											
O											

9

TCMT

		-M25		-M25		-M25		-M55		-M55		-M55	
		CTCM120	CTPM125	CTCM130	CTCM120	CTPM125	CTCM130	CTCM120	CTPM125	CTCM130	CTCM120	CTPM125	CTCM130
		DRAGONS	DRAGONS	DRAGONS	DRAGONS	DRAGONS	DRAGONS	DRAGONS	DRAGONS	DRAGONS	DRAGONS	DRAGONS	DRAGONS
		F	F	F	M	M	M	M	M	M	M	M	M
		TCMT	TCMT	TCMT	TCMT	TCMT	TCMT	TCMT	TCMT	TCMT	TCMT	TCMT	TCMT
		75 217 ...	75 217 ...	75 217 ...	75 218 ...	75 218 ...	75 218 ...	75 218 ...	75 218 ...	75 218 ...	75 218 ...	75 218 ...	75 218 ...
ISO	RE mm	£	£	£	£	£	£	£	£	£	£	£	£
090204EN	0.4	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08	1A/08
110204EN	0.4	8.84 11600	8.84 216	8.84 31600	8.84 11600	8.84 216	8.84 31600	8.84 11600	8.84 216	8.84 31600	8.84 11600	8.84 216	8.84 31600
16T304EN	0.4	12.13 12800	12.75 228	12.75 32800	12.75 13000	12.75 230	12.75 33000	12.75 13000	12.75 230	12.75 33000	12.75 13000	12.75 230	12.75 33000
16T308EN	0.8	12.13 13000	12.75 230	12.75 33000	12.75 13000	12.75 230	12.75 33000	12.75 13000	12.75 230	12.75 33000	12.75 13000	12.75 230	12.75 33000
P		○	○	○	○	○	○	○	○	○	○	○	○
M		●	●	●	●	●	●	●	●	●	●	●	●
K													
N													
S					○								○
H													
O													

TCGT



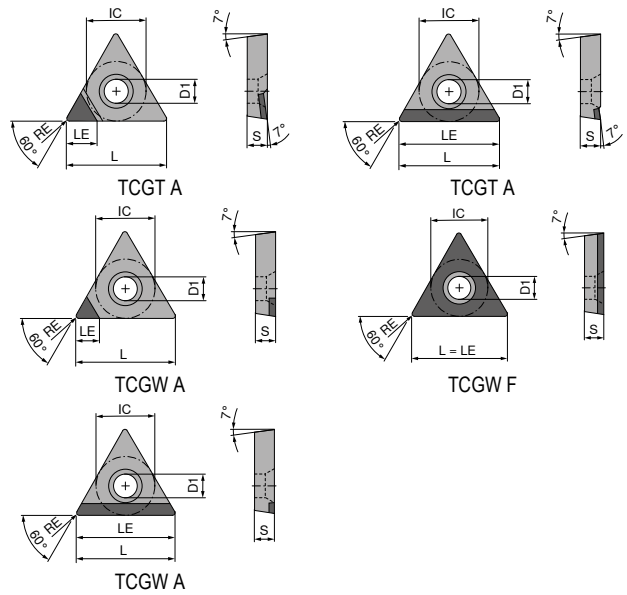
M TCGT		M TCGT	
70 276 ...		70 276 ...	
£		£	
1A/90		1A/90	
12.61	600	15.67	71400
12.61	602	15.57	81600
14.83	604		
14.83	606	18.37	72800
14.83	608	18.28	83000

ISO	RE mm	£		£	
110202FN	0.2	12.61	600	15.67	71400
110204FN	0.4	12.61	602	15.57	81600
16T302FN	0.2	14.83	604		
16T304FN	0.4	14.83	606	18.37	72800
16T308FN	0.8	14.83	608	18.28	83000

P		●
M		●
K	○	○
N	●	●
S		●
H		
O	○	○

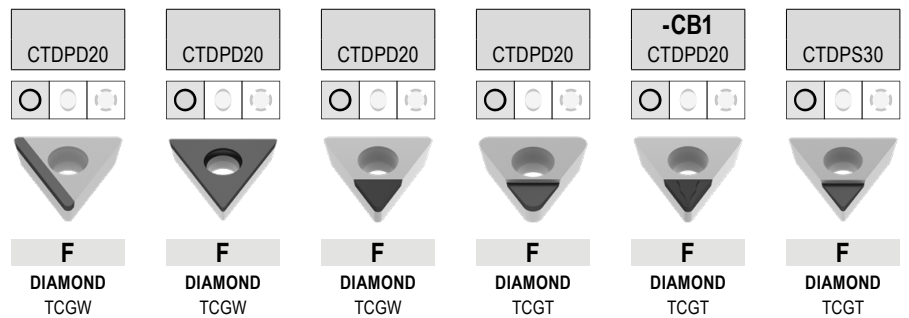
TCGW / TCGT

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 ...		71 187 ...		71 140 ...		71 184 ...		71 325 ...		71 184 ...	
				£ Y0	10001	£ Y0	10001	£ Y0	100	£ Y0	10001	£ Y0	112	£ Y0	20001
090202FN	0.2	A (1)	3.7					101.15	100			112.15	112	76.49	20001
090204FN	0.4	A (1)	3.4					101.15	102			112.15	114	76.49	20101
090208FN	0.8	A (1)	3.0					101.15	104	76.49	10001				
090208FN	0.8	A (1)	9.6	115.71	10001										
110202FN	0.2	A (1)	3.7					96.67	106	80.41	10101	116.97	122		
110202FN	0.2	F	11.0			261.03	10001								
110204FN	0.4	A (1)	3.4					96.67	108	80.41	10201	116.97	124	80.41	20201
110204FN	0.4	F	11.0			261.03	10101								
110204FN	0.4	A (1)	11.0	121.58	10101										
110208FN	0.8	A (1)	3.0					96.67	110	80.41	10301				
110208FN	0.8	A (1)	11.0	121.58	10201										
16T304FN	0.4	A (1)	4.6					101.15	112	88.26	10401	117.06	134	88.26	20301
16T304FN	0.4	A (1)	16.5	160.77	10301										
16T308FN	0.8	A (1)	4.2					101.15	114	88.26	10501	117.06	13600		
16T308FN	0.8	A (1)	16.5	160.77	10401										
16T312FN	1.2	A (1)	3.8					101.15	11600						

P															
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S															
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O				•		•		•		•		•		•	

TCGW / TCGT

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

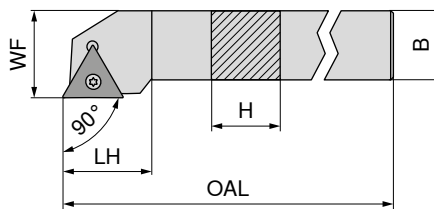
ISO	RE mm	TCE (NOI)	LE mm	CTDPS30		CTDPS30		-CB2 CTDPS30		CTDPU20		-CB3 CTDPU20		CTDCD10	
				£	Y0	£	Y0	£	Y0	£	Y0	£	Y0	£	Y0
090202FN	0.2	A (1)	3.7	76.49	20001			112.15	212						
090204FN	0.4	A (1)	3.4					112.15	214						
090204FN	0.4	A (1)	9.6			115.71	20001								
110202FN	0.2	A (1)	2.6											101.96	40001
110202FN	0.2	A (1)	3.7	80.41	20101			116.97	222						
110204FN	0.4	A (1)	2.3											101.96	40101
110204FN	0.4	A (1)	3.4	80.41	20201			116.97	224						
110204FN	0.4	A (1)	11.0			121.58	20101			113.73	30001	93.37	224		
110208FN	0.8	A (1)	2.0											101.96	40201
110208FN	0.8	A (1)	11.0			121.58	20201								
16T304FN	0.4	A (1)	2.3												
16T304FN	0.4	A (1)	4.6					117.06	234						
16T304FN	0.4	A (1)	16.5			160.77	20301								
16T308FN	0.8	A (1)	2.0											109.80	40401
16T308FN	0.8	A (1)	4.2									98.86	238		
16T308FN	0.8	A (1)	16.5			160.77	20401								

P															
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S															
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O				•		•		•		•		•		•	

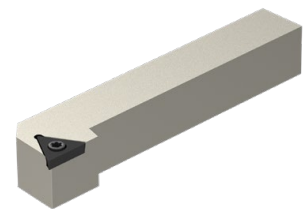
MaxiLock-S – STGC 90° – Toolholder with screw clamping

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



NEW Left-hand		NEW Right-hand	
70 659 ...		70 659 ...	
£		£	
2A/24		2A/24	
75.73	01200	75.73	01201
94.67	01600	94.67	01601
100.35	02000	100.35	02001
104.15	02500	104.15	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.**

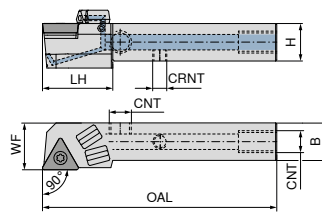
70 659 01201 / 70 659 01200	11.08	039
70 659 01601 / 70 659 01600	15.30	120
70 659 02001 / 70 659 02000	15.30	120
70 659 02501 / 70 659 02500	15.30	120

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
11.08	4.73	8.95	5.36
039	857	169	171
15.30	4.50	8.95	5.36
120	87900	169	171
15.30	4.50	8.95	5.36
120	87900	169	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	£	£
STGC R/L 1212 F11 DC	12	12	80	17.1	16	M6	M6	1,2	TC.. 1102	2A/24	01200
STGC R/L 1616 H16 DC	16	16	100	30.0	20	M6	G1/8"	3,2	TC.. 16T3	178.15	01601
STGC R/L 2020 K16 DC	20	20	125	28.0	25	M6	G1/8"	3,2	TC.. 16T3	188.79	02001
STGC R/L 2525 M16 DC	25	25	150	30.0	32	M6	G1/8"	3,2	TC.. 16T3	195.92	02501

Spare parts for Article no.

	£	£	£	£	£
70 778 01200 / 70 778 01201	2A/28	857	2A/28	2A/28	86700
70 778 01600 / 70 778 01601	4.50	87900	8.95	2.06	3.35
70 778 02000 / 70 778 02001	4.50	87900	8.95	2.06	3.35
70 778 02500 / 70 778 02501	4.50	87900	8.95	2.06	3.35

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.

	£	£	£	£	£
70 778 01200 / 70 778 01201	2A/28	039	2A/28	2A/28	294
70 778 01600 / 70 778 01601	1.45	87600	15.30	1.26	28.20
70 778 02000 / 70 778 02001	1.45	87600	15.30	1.26	28.20
70 778 02500 / 70 778 02501	1.45	87600	15.30	1.26	28.20

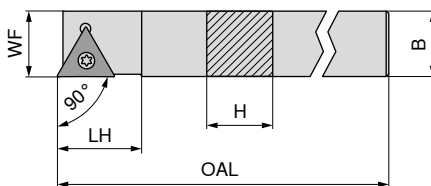
70 950 ...	80 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ Y7	£ 2A/28	£ 2A/28	£ 2A/28

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

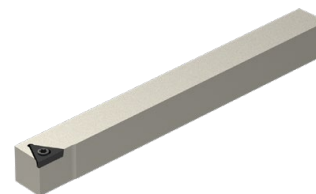
▲ for sliding head lathes

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions



ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Price (£)	Article no.
STAC R/L 1212 K11	12	12	125	15	12	1,2	TC.. 1102	85.19	01200

NEW	NEW
Left-hand	Right-hand
70 655 ...	70 655 ...
£ 2A/24	£ 2A/24
85.19	85.19
01200	01201

Spare parts for Article no.

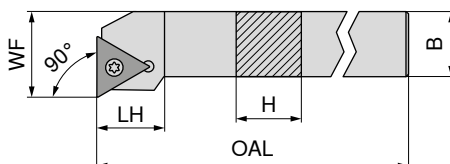
70 655 01201 / 70 655 01200

Key D	Clamping screw
80 950 ...	70 950 ...
£ Y7	£ 2A/28
11.08	4.73
039	857
M2,5x6 - 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



ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Price (£)	Article no.
STFC R/L 1212 F11	12	12	80	15	16	1,2	TC.. 1102	75.73	01200
STFC R/L 1616 H16	16	16	100	20	20	3,2	TC.. 16T3	94.67	01600
STFC R/L 2020 K16	20	20	125	20	25	3,2	TC.. 16T3	100.35	02000
STFC R/L 2525 M16	25	25	150	20	32	3,2	TC.. 16T3	104.15	02500

NEW	NEW
Left-hand	Right-hand
70 658 ...	70 658 ...
£ 2A/24	£ 2A/24
75.73	75.73
01200	01201
94.67	94.67
01600	01601
100.35	100.35
02000	02001
104.15	104.15
02500	02501

Spare parts for Article no.

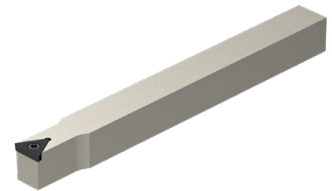
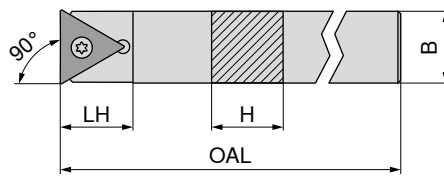
70 658 01200 / 70 658 01201
70 658 01600 / 70 658 01601
70 658 02000 / 70 658 02001
70 658 02500 / 70 658 02501

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
11.08	4.73	8.95	5.36
039	857	169	171
15.30	4.50	8.95	5.36
120	87900	169	171
15.30	4.50	8.95	5.36
120	87900	169	171

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

Scope of supply:

Tool holder with Torx key



NEW

Neutral

70 657 ...

£	
2A/24	
71.01	00800
75.73	01000
85.19	01200
85.19	01400
94.67	01600

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



Key D



Clamping screw

80 950 ...

£	
Y7	

70 950 ...

£	
2A/28	

Spare parts for Article no.

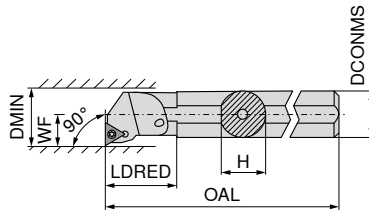
70 657 00800	T07 - IP	13.30	117	M2,2x5 - IP	3.67	856
70 657 01000	T08 - IP	11.08	039	M2,5x6 - IP	4.73	857
70 657 01200	T08 - IP	11.08	039	M2,5x6 - IP	4.73	857
70 657 01400	T08 - IP	11.08	039	M2,5x6 - IP	4.73	857
70 657 01600	T08 - IP	11.08	039	M2,5x6 - IP	4.73	857

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 70 729 ...		Right-hand 70 728 ...	
									£ 2A/24		£ 2A/24	
A10H STFC R/L 09	10	9.5	100	19	7	13	1	TC.. 0902	111.48	210	111.48	210
A12K STFC R/L 11	12	11.5	125	22	9	16	1,2	TC.. 1102	111.48	212	111.48	212
A16M STFC R/L 11	16	15.0	150	29	11	20	1,2	TC.. 1102	113.92	216	113.92	216
S16R STFC R 11	16	15.0	200	21	11	21	1,2	TC.. 1102			113.92	016
S20S STFC R 11	20	18.0	250	15	13	25	1,2	TC.. 1102			141.99	020
A20Q STFC R/L 11	20	18.5	180	32	13	25	1,2	TC.. 1102	141.99	220	141.99	220
A25R STFC R/L 16	25	24.0	200	36	17	32	3,2	TC.. 16T3	163.24	225	163.24	225
A32S STFC R/L 16	32	31.0	250	50	22	40	3,2	TC.. 16T3	224.43	232	224.43	232
A40T STFC R/L 16	40	39.0	300	60	27	50	3,2	TC.. 16T3	269.44	240	269.44	240

Spare parts for Article no.

		70 950 ...		70 950 ...		70 950 ...	
		£ 2A/28		£ 2A/28		£ 2A/28	
70 728 020	M2,5x6 - T08	2.73	13800				
70 729 210 / 70 728 210	M2,2x5	2.98	111				
70 728 016	M2,5x6 - T08	2.73	13800				
70 729 212 / 70 728 212	M2,5x6 - T08	2.73	13800				
70 729 216 / 70 728 216	M2,5x6 - T08	2.73	13800				
70 729 220 / 70 728 220	M2,5x6 - T08	2.73	13800				
70 729 225 / 70 728 225	M3,5x11	3.61	113	8.95	169	5.36	171
70 729 232 / 70 728 232	M3,5x11	3.61	113	8.95	169	5.36	171
70 729 240 / 70 728 240	M3,5x11	3.61	113	8.95	169	5.36	171

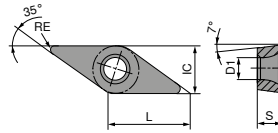
Spare parts for Article no.

		80 950 ...		70 950 ...	
		£ Y7		£ 2A/28	
70 728 020	T08	13.09	110		
70 729 210 / 70 728 210	T07	13.09	109		
70 728 016	T08	13.09	110		
70 729 212 / 70 728 212	T08	13.09	110		
70 729 216 / 70 728 216	T08	13.09	110		
70 729 220 / 70 728 220	T08	13.09	110		
70 729 225 / 70 728 225				9.57	398
70 729 232 / 70 728 232				9.57	398
70 729 240 / 70 728 240				9.57	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							17.70	892						
110302EN	0.2	19.38	014			17.70	844	17.70	894					18.48	31401
110304EN	0.4	19.38	016	15.04	016	17.70	846	17.70	896	14.21	896			18.48	31601
110308EN	0.8													18.48	31801
160404EN	0.4	23.12	028	18.48	028	22.34	850	22.34	900	17.59	900	18.48	32801		
160408EN	0.8	23.12	030	18.48	030			22.34	902	17.59	902	18.48	33001		
P			●		●		●		●		●		●		●
M			○		○		○		○		○		○		○
K			○		○		○		○		○		○		○
N															
S															
H															
O															

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	18.48	51401			18.48	71401							18.48	71401
110304EN	0.4	18.48	51601			18.48	71601			15.90	31601	15.90	51601		
110308EN	0.8	18.48	51801			18.48	71801								
160404EN	0.4			18.48	52801			18.48	72801	18.48	32801	18.48	52801		
160408EN	0.8			18.48	53001					18.48	33001	18.48	53001		
P			●		●		●		●		●		●		●
M			○		○		○		○		○		○		○
K			○		○		○		○		○		○		○
N															
S															
H															
O															

VCMT

		NEW				NEW				NEW	
		-SMF		-SM		-SM		-SM		-SM	
		CTCP135-P		CTCK110		CTCK120		CTCP115-P		CTCP125-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F		M		M		M		M	
		VCMT		VCMT		VCMT		VCMT		VCMT	
		76 288 ...		70 278 ...		70 278 ...		76 278 ...		76 278 ...	
ISO	RE	£		£		£		£		£	
	mm	1A/08		1A/08		1A/08		1A/08		1A/08	
110304EN	0.4	15.90	71601								
160404EN	0.4	18.48	72801	18.48	028	18.48	528	18.48	32801	18.48	52801
160406EN	0.6							18.48	32901		
160408EN	0.8	18.48	73001	18.48	030	18.48	530	18.48	33001	18.48	53001
160412EN	1.2			18.48	032	18.48	532	18.48	33201	18.48	53201
P			●		○		○		●		●
M			○								○
K					●		●		○		○
N											
S											
H											
O											

VCMT

		-M25		-M25		-M25		-M55		-M55		-M55	
		CTCM120		CTPM125		CTCM130		CTCM120		CTPM125		CTCM130	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		F		F		F		M		M		M	
		VCMT		VCMT		VCMT		VCMT		VCMT		VCMT	
		75 219 ...		75 219 ...		75 219 ...		75 220 ...		75 220 ...		75 220 ...	
ISO	RE	£		£		£		£		£		£	
	mm	1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
160404EN	0.4	18.48	12800	18.48	228	18.48	32800	18.48	12800	18.48	228	18.48	32800
160408EN	0.8	18.48	13000	18.48	23000	18.48	33000	18.48	13000	18.48	230	18.48	33000
P			○		○		○		○		○		○
M			●		●		●		●		●		●
K													
N													
S							○						○
H													
O													

VCGT

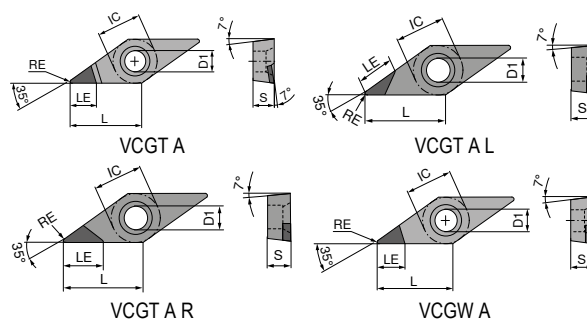
		-25P H210T		-25P CTPX710		-25Q H210T		NEW -25Q CTPX710		-27 H10T		-27 CTPX715	
				DRAGONSKIN								DRAGONSKIN	
		F VCGT		M VCGT		M VCGT		M VCGT		M VCGT		M VCGT	
		70 282 ...		70 282 ...		70 282 ...		70 282 ...		70 280 ...		70 280 ...	
ISO	RE mm	£		£		£		£		£		£	
		1A/90		1A/90		1A/90		1A/90		1A/90		1A/90	
110302FN	0.2	17.44	638	20.02	71400			24.66	81600	16.66	606	19.51	81400
110304FL	0.4					19.38	670						
110304FN	0.4	17.44	640	20.02	71600			24.66	81700	16.66	608	19.51	81600
110304FR	0.4					19.38	680						
110308FN	0.8									16.66	610	23.59	71800
160404FN	0.4	21.31	642	24.81	72800					20.28	612	23.64	82800
160408FN	0.8	21.31	644	24.81	73000					20.28	614	23.64	83000
160412FN	1.2	21.31	646	24.81	73200					20.28	616		
220530FN	3.0	28.80	648	33.06	75000					27.52	618		
P													
M													
K			○				○				○		○
N			●		●		●		●		●		●
S			○		●		○		●				●
H													
O			○				○				○		○

VCET / VCMT

		-F05 CTPX710		-29 H216T		NEW -29 CTPX715	
		DRAGONSKIN				DRAGONSKIN	
		F VCET		M VCMT		M VCMT	
		76 255 ...		70 247 ...		70 247 ...	
ISO	RE mm	£		£		£	
		1A/08		1A/90		1A/90	
1103005FN	0.05	26.88	11400				
110301FN	0.10	26.88	11600				
1103015FN	0.15	26.88	11800				
110302FN	0.20	26.88	12000				
110304FN	0.40	26.88	12200				
160404EN	0.40			15.65	62800	19.58	72800
160408EN	0.80			15.65	63000	19.58	73000
160412EN	1.20			15.65	63200	19.58	73200
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)		756.13	50001								
070204FN	0.4	A (1)		756.13	50101								
110301FN	0.1	A (1)	5.4					115.86	10100				
110302FN	0.2	A (1)	3.0			534.05	050						
110302FN	0.2	A (1)	4.6	784.32	50201			111.79	100	115.86	100		
110304FN	0.4	A (1)	3.0			534.05	052						
110304FN	0.4	A (1)	3.9	784.32	50301			111.79	102	115.86	102		
110304FR	0.4	A (1)	6.5							148.13	102		
110304FL	0.4	A (1)	6.5									148.13	102
110308FN	0.8	A (1)	3.3					115.86	104	115.86	104		
110308FR	0.8	A (1)	6.0							148.13	104		
110308FL	0.8	A (1)	6.0									148.13	104
160401FN	0.1	A (1)	6.0										
160402FN	0.2	A (1)	5.9					118.01	105	126.73	105		
160402FN	0.2	A (1)		784.32	50401								
160404FN	0.4	A (1)	5.5					120.36	106	126.73	106		
160404FN	0.4	A (1)		784.32	50501								
160404FR	0.4	A (1)	7.5							159.01	106		
160404FL	0.4	A (1)	7.5									159.01	106
160408FN	0.8	A (1)	5.0			732.50	07800	126.73	108	126.73	108		
160408FR	0.8	A (1)	7.0							159.01	108		
160408FL	0.8	A (1)	7.0									159.01	108
160408FN	0.8	A (1)		890.98	50601								
160412FN	1.2	A (1)	4.5					137.25	110	145.92	110		
160412FR	1.2	A (1)	7.0							169.54	110		
160412FL	1.2	A (1)	7.0									169.54	110
P													
M													
K													
N				•	•	•	•	•	•	•	•	•	•
S													
H													
O				•	•	•	•	•	•	•	•	•	•

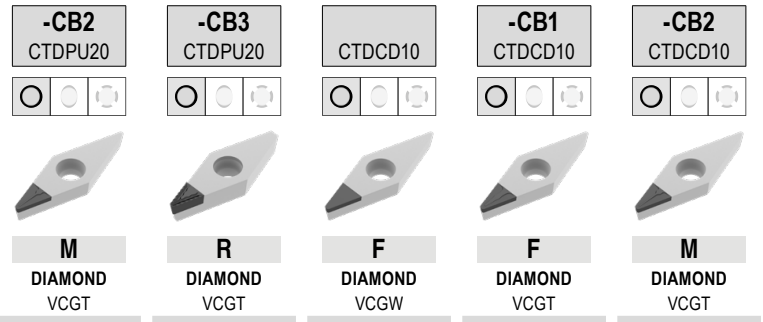
VCGT / VCGW

▲ 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												
070204FN	0.4	A (1)	3.2												
110301FN	0.1	A (1)	5.4	151.52	11000	101.96	20201	101.96	20101						
110302FN	0.2	A (1)	4.6	151.52	112	101.96	20301	101.96	20201	151.52	21200	146.95	212		
110304FN	0.4	A (1)	3.9	151.52	114	101.96	20401	101.96	20301	151.52	214	151.52	214		
110308FN	0.8	A (1)	3.3									151.52	21800		
130302FN	0.2	A (1)	5.9			105.90	20501	105.90	20401						
160401FN	0.1	A (1)	6.0			105.90	20601	105.90	20501						
160402FN	0.2	A (1)	5.9	164.68	13200			105.90	20601			164.68	23200		
160404FN	0.4	A (1)	5.5	164.68	134	105.90	20701	105.90	20701	164.68	234	164.68	234		
160408FN	0.8	A (1)	5.0	181.33	138	105.90	20801			181.33	238	181.33	238		
160412FN	1.2	A (1)	4.5	181.33	14000	117.64	20901			181.33	24000	192.81	242		
P															
M															
K															
N					•		•		•		•		•		•
S															
H															
O					•		•		•		•		•		•

VCGT / VCGW

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



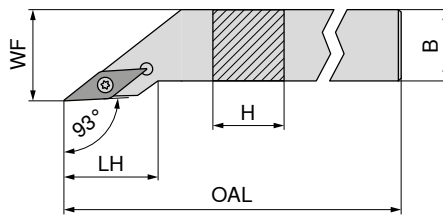
ISO	RE mm	TCE (NOI)	LE mm	71 190 ...		71 332 ...		71 191 ...		71 330 ...		71 331 ...	
				£ Y0		£ Y0		£ Y0		£ Y0		£ Y0	
110301FN	0.1	A (1)	3.0							181.33	31000		
110302FN	0.2	A (1)	3.0					107.87	40001	181.33	312	181.33	312
110304FN	0.4	A (1)	3.0					107.87	40101	181.33	314	181.33	314
110304FN	0.4	A (1)	3.9			126.31	214						
110308FN	0.8	A (1)	3.0					121.58	40201				
160402FN	0.2	A (1)	3.0					111.79	40301	181.39	32200	181.39	33200
160404FN	0.4	A (1)	3.0					119.63	40401	181.39	32400	181.39	334
160404FN	0.4	A (1)	5.5	141.19	30001	131.81	234						
160408FN	0.8	A (1)	3.0					135.32	40501	202.04	32600	202.04	338
160412FN	1.2	A (1)	3.0							202.04	32800	202.04	34000

P													
M													
K													
N													
S													
H													
O													

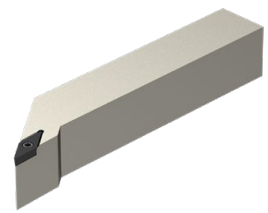
MaxiLock-S – SVJC 93° – Toolholder with screw clamping

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	
93.49	01200	93.49	01201
104.15	01600	104.15	01601
111.24	02000	111.24	02001
111.24	02500	111.24	02501
111.24	12000	111.24	12001
111.24	12500	111.24	12501
120.64	13200	120.64	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.**

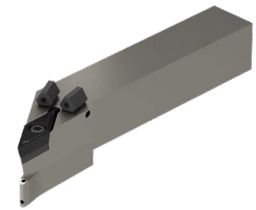
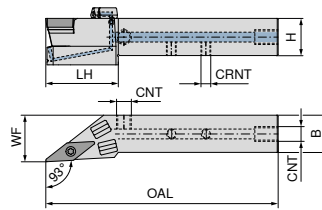
70 663 01201 / 70 663 01200
70 663 01601 / 70 663 01600
70 663 02001 / 70 663 02000
70 663 02501 / 70 663 02500
70 663 12001 / 70 663 12000
70 663 12501 / 70 663 12500
70 663 13201 / 70 663 13200

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
11.08	4.73		
039	857		
11.08	4.73		
039	857		
11.08	4.73		
039	857		
15.30	4.50	11.62	5.36
120	87900	107	171
15.30	4.50	11.62	5.36
120	87900	107	171
15.30	4.50	11.62	5.36
120	87900	107	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		NEW Right-hand	
										70 780 ... £	01201	70 780 ... £	01200
SVJC R/L 1212 F11 DC	12	12	80	30	16	M6	M6	1,2	VC.. 1103	195.92	01201	195.92	01200
SVJC R/L 1616 H11 DC	16	16	100	27	20	M6	G1/8"	1,2	VC.. 1103	199.91	01601	199.91	01600
SVJC R/L 2020 K11 DC	20	20	125	39	25	M6	G1/8"	1,2	VC.. 1103	205.72	02001	205.72	02000
SVJC R/L 2525 M11 DC	25	25	150	41	32	M6	G1/8"	1,2	VC.. 1103	217.21	02501	217.21	02500
SVJC R/L 2020 K16 DC	20	20	125	39	25	M6	G1/8"	3,2	VC.. 1604	205.72	12001	205.72	12000
SVJC R/L 2525 M16 DC	25	25	150	41	32	M6	G1/8"	3,2	VC.. 1604	217.21	12501	217.21	12500
SVJC R/L 3225 P16 DC	32	25	170	41	32	G1/8"	G1/8"	3,2	VC.. 1604	222.89	03201	222.89	03200

Spare parts

for Article no.

	£		£		£		£		£
70 780 01200 / 70 780 01201	4.73	857						3.35	86700
70 780 01600 / 70 780 01601	4.73	857			2.06	88000		3.35	86700
70 780 02000 / 70 780 02001	4.73	857			2.06	88000		3.35	86700
70 780 02500 / 70 780 02501	4.73	857			2.06	88000		3.35	86700
70 780 12000 / 70 780 12001	4.50	87900	11.62	107	2.06	88000		3.35	86700
70 780 12500 / 70 780 12501	4.50	87900	11.62	107	2.06	88000		3.35	86700
70 780 03200 / 70 780 03201	4.50	87900	11.62	107	2.06	88000		5.36	171

Spare parts

for Article no.

	£		£		£		£		£
70 780 01200 / 70 780 01201			11.08	039					
70 780 01600 / 70 780 01601	1.45	87600	11.08	039	1.26	88100	28.20	87700	4.11
70 780 02000 / 70 780 02001	1.45	87600	11.08	039	1.26	88100	28.20	87700	4.11
70 780 02500 / 70 780 02501	1.45	87600	11.08	039	1.26	88100	28.20	87700	4.11
70 780 12000 / 70 780 12001	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11
70 780 12500 / 70 780 12501	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11
70 780 03200 / 70 780 03201	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11

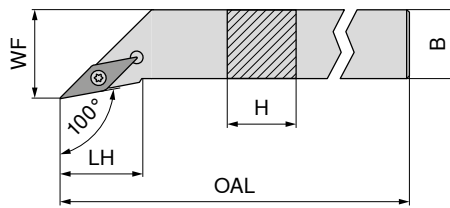
70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28

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
111.24	111.24
02500	02501

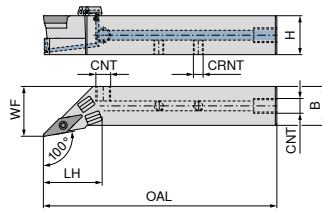
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert
SVZC R/L 2525 M16	25	25	150	27.3	32	3,2	VC.. 1604

Spare parts for Article no.	Image	Description	Part 1		Part 2		Part 3		Part 4	
			£	Qty	£	Qty	£	Qty	£	Qty
70 667 02500 / 70 667 02501		Key D	15.30	120	4.50	87900	11.62	107	5.36	171
		Clamping screw								
		Solid Carbide Seat V								
		Threaded sleeve								

MaxiLock-S – SVZC 100° 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	NEW Right-hand
	70 783 ...	70 783 ...
	£ 2A/24	£ 2A/24
	217.21 02501	217.21 02500

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
4.50 87900	11.62 107	2.06 88000	3.35 86700	5.36 171

Spare parts for Article no.

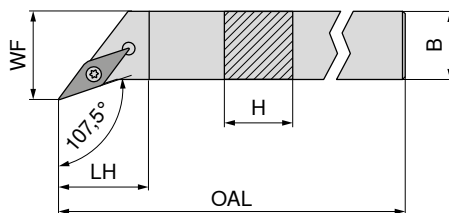
70 783 02500 / 70 783 02501

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
1.45 87600	15.30 120	1.26 88100	28.20 87700	4.11 294

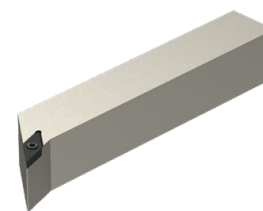
MaxiLock-S – SVHC 107.5° – Toolholder with screw clamping

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
SVHC R/L 1616 H11	16	16	100	11.9	20	1,2	VC.. 1103
SVHC R/L 2020 K11	20	20	125	14.7	25	1,2	VC.. 1103
SVHC R/L 2525 M11	25	25	150	20.1	32	1,2	VC.. 1103
SVHC R/L 2020 K16	20	20	125	13.7	25	3,2	VC.. 1604
SVHC R/L 2525 M16	25	25	150	20.0	32	3,2	VC.. 1604
SVHC R/L 3225 P16	32	25	170	20.0	32	3,2	VC.. 1604
SVHC R/L 2525 M22	25	25	150	21.9	32	5	VC.. 2205

**Spare parts
for Article no.**

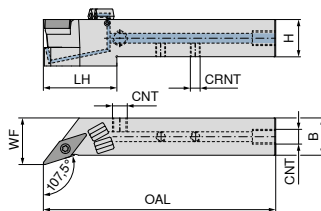
Article no.	80 950 ...	70 950 ...	70 950 ...	70 950 ...
£	£	£	£	
70 662 01201 / 70 662 01200	11.08 039	4.73 857		
70 662 01601 / 70 662 01600	11.08 039	4.73 857		
70 662 02001 / 70 662 02000	11.08 039	4.73 857		
70 662 02501 / 70 662 02500	11.08 039	4.73 857		
70 662 12001 / 70 662 12000	15.30 120	4.50 87900	11.62 107	5.36 171
70 662 12501 / 70 662 12500	15.30 120	4.50 87900	11.62 107	5.36 171
70 662 13201 / 70 662 13200	15.30 120	4.50 87900	11.62 107	5.36 171
70 662 22501 / 70 662 22500	15.30 120	3.45 820	15.43 109	5.36 170

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

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 ... £	01201	70 779 ... £	01200
SVHC R/L 1212 F11 DC	12	12	80	28	16	M6	M6	1,2	VC.. 1103	199.91	01201	199.91	01200
SVHC R/L 1616 H11 DC	16	16	100	27	20	M6	G1/8"	1,2	VC.. 1103	205.72	01601	205.72	01600
SVHC R/L 2020 K11 DC	20	20	125	37	27	M6	G1/8"	1,2	VC.. 1103	211.40	02001	211.40	02000
SVHC R/L 2525 M11 DC	25	25	150	38	32	M6	G1/8"	1,2	VC.. 1103	217.21	02501	217.21	02500
SVHC R/L 2020 K16 DC	20	20	125	38	25	M6	G1/8"	3,2	VC.. 1604	211.40	12001	211.40	12000
SVHC R/L 2525 M16 DC	25	25	150	38	32	M6	G1/8"	3,2	VC.. 1604	217.21	12501	217.21	12500
SVHC R/L 3225 P16 DC	32	25	170	38	32	M6	G1/8"	3,2	VC.. 1604	222.89	03201	222.89	03200
SVHC R/L 2525 M22 DC	25	25	150	41	32	M6	G1/8"	5	VC.. 2205	217.21	22501	217.21	22500

Spare parts for Article no.

	70 950 ... £		70 950 ... £		70 950 ... £		70 950 ... £		70 950 ... £	
	2A/28		2A/28		2A/28		2A/28		2A/28	
70 779 01200 / 70 779 01201	4.73	857					3.35	86700		
70 779 01600 / 70 779 01601	4.73	857			2.06	88000	3.35	86700		
70 779 02000 / 70 779 02001	4.73	857			2.06	88000	3.35	86700		
70 779 02500 / 70 779 02501	4.73	857			2.06	88000	3.35	86700		
70 779 12000 / 70 779 12001	4.50	87900	11.62	107	2.06	88000	3.35	86700	5.36	171
70 779 12500 / 70 779 12501	4.50	87900	11.62	107	2.06	88000	3.35	86700	5.36	171
70 779 03200 / 70 779 03201	4.50	87900	11.62	107	2.06	88000	3.35	86700	5.36	171
70 779 22500 / 70 779 22501	3.45	820	15.43	109	2.06	88000	3.35	86700	5.36	170

Spare parts for Article no.

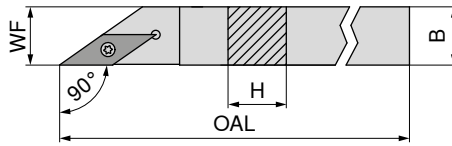
	70 950 ... £		80 950 ... £		70 950 ... £		70 950 ... £		70 950 ... £	
	2A/28		Y7		2A/28		2A/28		2A/28	
70 779 01200 / 70 779 01201			11.08	039						
70 779 01600 / 70 779 01601	1.45	87600	11.08	039	1.26	88100	28.20	87700	4.11	294
70 779 02000 / 70 779 02001	1.45	87600	11.08	039	1.26	88100	28.20	87700	4.11	294
70 779 02500 / 70 779 02501	1.45	87600	11.08	039	1.26	88100	28.20	87700	4.11	294
70 779 12000 / 70 779 12001	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11	294
70 779 12500 / 70 779 12501	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11	294
70 779 03200 / 70 779 03201	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11	294
70 779 22500 / 70 779 22501	1.45	87600	15.30	120	1.26	88100	28.20	87700	4.11	294

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

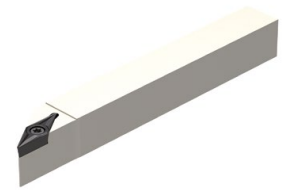
▲ for sliding head lathes

Scope of supply:

Tool holder with Torx key

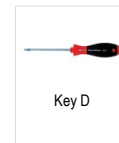


Illustrations show right-hand versions



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	
231.40	008	231.40	008
231.40	010	231.40	010
275.15	012	275.15	012



Key D



Clamping screw

Spare parts

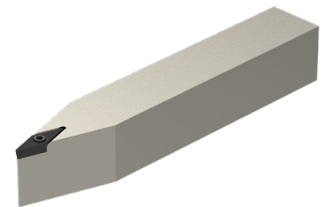
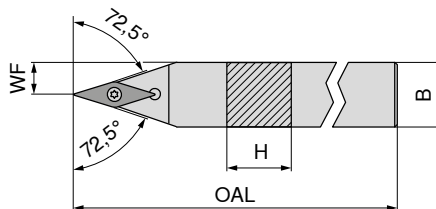
for Article no.

70 694 008 / 70 695 008	T08	13.09	110	M2,5x6 - T08	2.73	13800
70 694 010 / 70 695 010	T08	13.09	110	M2,5x6 - T08	2.73	13800
70 694 012 / 70 695 012	T08	13.09	110	M2,5x6 - T08	2.73	13800

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

Scope of supply:

Tool holder with Torx key



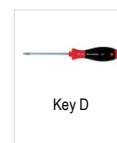
NEW

Neutral

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

70 666 ...

£	
2A/24	
93.49	01200
104.15	01600
111.24	02000
111.24	02500
111.24	12000
111.24	12500
120.64	13200



Key D



Clamping screw



Solid Carbide Seat V



Threaded sleeve

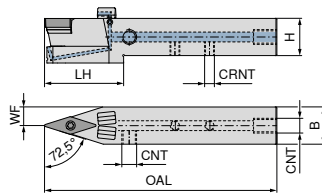
Spare parts for Article no.

	£		£		£		£
70 666 01200	11.08	039	4.73	857			
70 666 01600	11.08	039	4.73	857			
70 666 02000	11.08	039	4.73	857			
70 666 02500	11.08	039	4.73	857			
70 666 12000	15.30	120	4.50	87900	11.62	107	5.36
70 666 12500	15.30	120	4.50	87900	11.62	107	5.36
70 666 13200	15.30	120	4.50	87900	11.62	107	5.36

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	195.92	01200
SVVC N 1616 H11 DC	16	16	100	29.5	8.0	M6	G1/8"	1,2	VC.. 1103	199.91	01600
SVVC N 2020 K11 DC	20	20	125	43.0	10.0	M6	G1/8"	1,2	VC.. 1103	205.72	02000
SVVC N 2525 M11 DC	25	25	150	43.0	12.5	M6	G1/8"	1,2	VC.. 1103	217.21	02500
SVVC N 2020 K16 DC	20	20	125	43.0	10.0	M6	G1/8"	3,2	VC.. 1604	205.72	12000
SVVC N 2525 M16 DC	25	25	150	43.0	12.5	M6	G1/8"	3,2	VC.. 1604	217.21	12500
SVVC N 3225 P16 DC	32	25	170	44.0	12.5	G1/8"	G1/8"	3,2	VC.. 1604	222.89	03200

**Spare parts
for Article no.**

	£ 2A/28	£ 857	£ 2A/28	£ 2A/28	£ 2A/28	£ 2A/28
70 781 01200	4.73	857			3.35	86700
70 781 01600	4.73	857		2.06	88000	3.35 86700
70 781 02000	4.73	857		2.06	88000	3.35 86700
70 781 02500	4.73	857		2.06	88000	3.35 86700
70 781 12000	4.50	87900	11.62	107	2.06	88000 3.35 86700 5.36 171
70 781 12500	4.50	87900	11.62	107	2.06	88000 3.35 86700 5.36 171
70 781 03200	4.50	87900	11.62	107	2.06	88000 5.36 171

**Spare parts
for Article no.**

	£ 2A/28	£ 87600	£ Y7	£ 2A/28	£ 2A/28	£ 2A/28
70 781 01200			11.08	039		
70 781 01600	1.45	87600	11.08	039	1.26	88100 28.20 87700 4.11 294
70 781 02000	1.45	87600	11.08	039	1.26	88100 28.20 87800 4.11 294
70 781 02500	1.45	87600	11.08	039	1.26	88100 28.20 87700 4.11 294
70 781 12000	1.45	87600	15.30	120	1.26	88100 28.20 87800 4.11 294
70 781 12500	1.45	87600	15.30	120	1.26	88100 28.20 87800 4.11 294
70 781 03200	1.45	87600	15.30	120	1.26	88100 28.20 87700 4.11 294

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

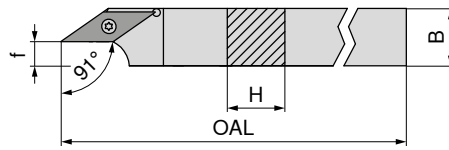
70 950 ...	80 950 ...	70 950 ...	70 950 ...	70 950 ...
£ 2A/28	£ Y7	£ 2A/28	£ 2A/28	£ 2A/28

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

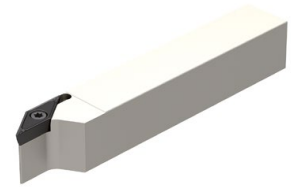
▲ for sliding head lathes

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

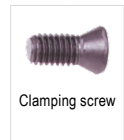
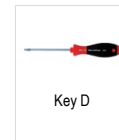


ISO designation	H mm	B mm	OAL mm	f mm	torque moment Nm	Insert
SVXC R/L 1010 H11	10	10	100	2.5	1,2	VC.. 1103
SVXC R/L 1212 H11	12	12	100	4.5	1,2	VC.. 1103
SVXC R/L 1616 K11	16	16	125	8.5	1,2	VC.. 1103
SVXC R/L 2020 K16	20	20	125	8.5	3,2	VC.. 1604

Left-hand		Right-hand	
70 691 ...		70 690 ...	
£		£	
X0		X0	
231.40	010	231.40	010
275.15	012	275.15	012
288.57	016	305.53	016
332.60	020	332.60	020

Spare parts for Article no.

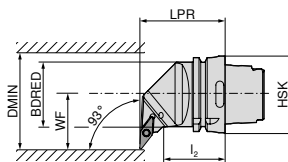
Article no.	Key D	Clamping screw
70 690 010 / 70 691 010	T08	M2,5x6 - T08
70 690 012 / 70 691 012	T08	M2,5x6 - T08
70 690 016 / 70 691 016	T08	M2,5x6 - T08
70 690 020 / 70 691 020	T15	M3,5x11



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

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

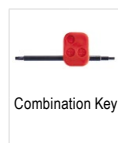


ISO designation	Adapter	LPR mm	l ₂ mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert
HSK T63 SVUC R/L 16	HSK-T 63	70	42	53	45	100	3.2	VC.. 1604

Left-hand		Right-hand	
74 557 ...		74 558 ...	
£		£	
2D/80		2D/80	
471.12	516	471.12	516

Spare parts for Article no.

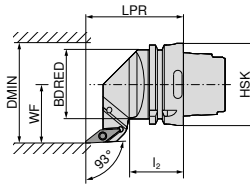
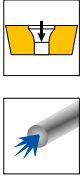
Article no.	Combination Key	Clamping screw	Solid Carbide Seat V	Threaded sleeve
74 558 516 / 74 557 516	T15/SW	M3,5x11	M3,5	



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

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

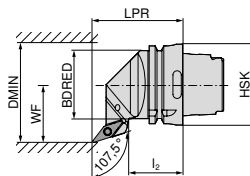
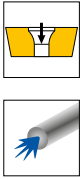
ISO designation	Adapter	LPR mm	l ₂ mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£		£	
HSK T63 SVJC R/L 16	HSK-T 63	75	42	53	45	100	3.2	VC.. 1604	74 556 ...		74 555 ...	
									£		£	
									2D/80		2D/80	
									471.12	516	471.12	516

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	398	2A/28	113	2A/28	107	2A/28	171
Clamping screw			9.57		3.61		11.62		5.36	
Solid Carbide Seat V										
Threaded sleeve										

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

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

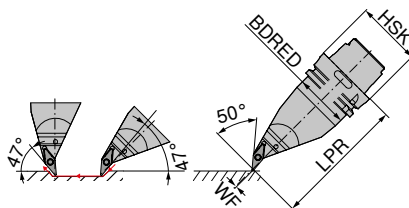
ISO designation	Adapter	LPR mm	l ₂ mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand		Right-hand	
									£		£	
HSK T63 SVHC R/L 16	HSK-T 63	70	42	53	45	100	3.2	VC.. 1604	74 554 ...		74 553 ...	
									£		£	
									2D/80		2D/80	
									471.12	516	471.12	516

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	398	2A/28	113	2A/28	107	2A/28	171
Clamping screw			9.57		3.61		11.62		5.36	
Solid Carbide Seat V										
Threaded sleeve										

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

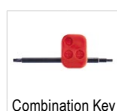
Scope of supply:

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
								632.16	

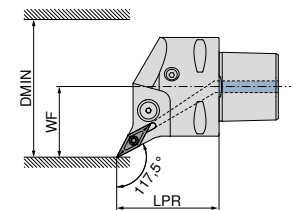


Spare parts for Article no.		70 950 ...	70 950 ...	70 950 ...	70 950 ...
74 560 516	T15/SW	£ 2A/28 9.57 398	M3,5x11	£ 2A/28 3.61 113	£ 2A/28 11.62 107
				M3,5	£ 5.36 171

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

Scope of supply:

without high-performance coolant set



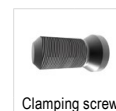
Illustrations show right-hand versions



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	542.53	01695	542.53	01695
PSC50 SVPC R/L 65060-16	PSC 50	60	35	65	3	VC.. 1604	DC	621.60	01694	621.60	01694
PSC63 SVPC R/L 80065-16	PSC 63	65	45	80	3	VC.. 1604	DC	691.45	01693	691.45	01693

The high-performance coolant set with article number 84 950 27400 can be ordered as an optional extra → Page 39.



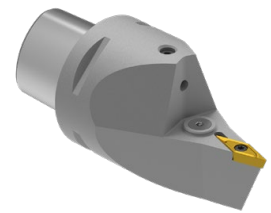
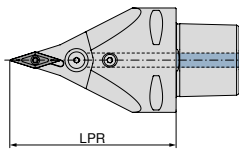
Spare parts for Article no.

84 670 01695 / 84 671 01695	8.43	27600
84 670 01694 / 84 671 01694	8.43	27600
84 670 01693 / 84 671 01693	8.43	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	£	
PSC63 SVVC N 0100-16	PSC 63	100	3	VC.. 1604	DC	691.45	01693
PSC63 SVVC N 0130-16	PSC 63	130	3	VC.. 1604	DC	691.45	11693

The high-performance coolant set with article number 84 950 27400 can be ordered as an optional extra → **Page 39.**



84 950 ...

**Spare parts
for Article no.**

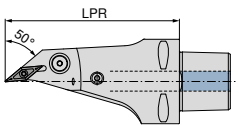
84 678 01693	8.43	27600
84 678 11693	8.43	27600

£	
Y8	
8.43	27600
8.43	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	£	
PSC63 SVMC L 0130-16	PSC 63	130	3	VC.. 1604	DC	932.82	11693

The high-performance coolant set with article number 84 950 27400 can be ordered as an optional extra → **Page 39.**



84 950 ...

**Spare parts
for Article no.**

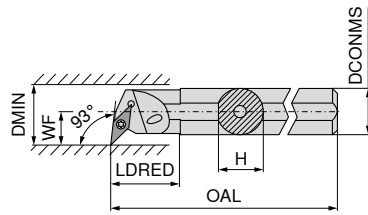
84 681 11693	8.43	27600
--------------	------	-------

£	
Y8	
8.43	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	H	OAL	LDRED	WF	DMIN	torque moment	Insert
	mm	mm	mm	mm	mm	mm	Nm	
A16M SVUC R/L 11	16	15	150	29	11	20	1,2	VC.. 1103
A20Q SVUC R/L 11	20	19	180	43	13	25	1,2	VC.. 1103
A25R SVUC R/L 11	25	24	200	38	17	32	1,2	VC.. 1103
A32S SVUC R/L 16	32	31	250	50	22	40	3,2	VC.. 1604
A40T SVUC R/L 16	40	39	300	60	27	50	3,2	VC.. 1604

Left-hand		Right-hand	
70 745 ...		70 744 ...	
£		£	
2A/24		2A/24	
145.33	216	145.33	216
167.52	220	167.52	220
205.26	225	205.26	225
246.25	232	246.25	232
285.71	240	285.71	240

Spare parts

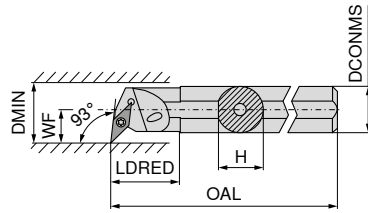
for Article no.

70 744 216 / 70 745 216					
70 744 220 / 70 745 220					
70 744 225 / 70 745 225					
70 744 232 / 70 745 232					
70 744 240 / 70 745 240					

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
13.09		2.73		
110		13800		
13.09		2.73		
110		13800		
	9.57	3.61	11.62	5.36
	398	113	107	171
	9.57	3.61	11.62	5.36
	398	113	107	171

MaxiLock-S – SVUC 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-A16M SVUC R 11	16	15	150	16.5	11	21	1,2	VC.. 1103
E-A20Q SVUC R 11	20	18	180	20.5	13	25	1,2	VC.. 1103
E-A25R SVUC R 11	25	23	200	25.5	17	31	1,2	VC.. 1103
E-A25R SVUC R 16	25	23	200	25.5	17	31	3,2	VC.. 1604
E-A32S SVUC R 16	32	30	250	32.5	22	39	3,2	VC.. 1604

Right-hand	
70 746 ...	
£	
2A	
376.44	216
536.22	220
910.25	225
910.25	325
981.71	232

Spare parts
for Article no.

70 746 216				
70 746 220				
70 746 225				
70 746 325				
70 746 232				

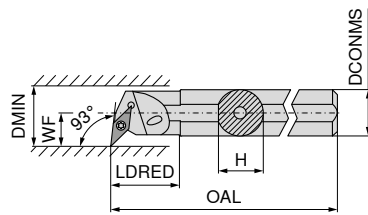
Key D	Clamping screw
80 950 ...	70 950 ...
£	£
Y7	2A/28
13.09	2.73
110	13800
13.09	2.73
110	13800
13.09	2.73
110	13800
15.56	3.61
113	449
15.56	3.61
113	449

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

▲ Type: Solid carbide

Scope of supply:

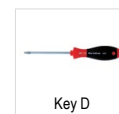
Boring bar with Torx key



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	016	£ 2A/24	016
E16R SVUC R 11	16	15.5	200	34	11	20	1,2	VC.. 1103	£ 556.54	016	£ 556.54	016
E20S SVUC L 11	20	18.5	250	38	13	25	1,2	VC.. 1103	£ 660.10	020	£ 660.10	020
E20S SVUC R 11	20	19.0	250	38	13	25	1,2	VC.. 1103	£ 660.10	020	£ 660.10	020



Key D



Clamping screw

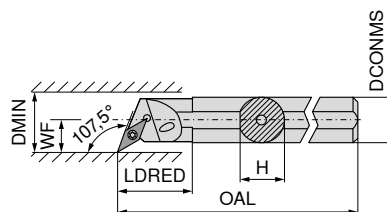
Spare parts for Article no.

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



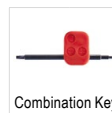
Illustrations show right-hand versions



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	£ 145.33	216	£ 145.33	216
A20Q SVQC R/L 11	20	18.5	180	32	13	25	1,2	VC.. 1103	£ 167.52	220	£ 167.52	220
A25R SVQC R/L 11	25	23.0	200	36	17	32	1,2	VC.. 1103	£ 205.26	225	£ 205.26	225
A32S SVQC R/L 16	32	30.0	250	50	22	40	3,2	VC.. 1604	£ 246.25	232	£ 246.25	232
A40T SVQC R/L 16	40	38.0	300	60	27	50	3,2	VC.. 1604	£ 285.71	240	£ 285.71	240



Key D



Combination Key



Clamping screw



Solid Carbide Seat V

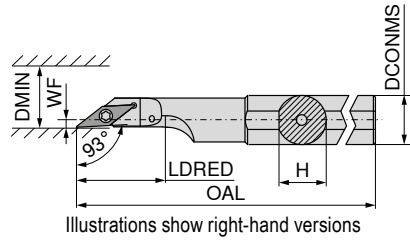


Threaded sleeve

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	£ 13.09	£ 2A/28	£ 2.73	£ 2A/28	£ 2A/28
70 748 220 / 70 749 220	£ 13.09		£ 2.73		
70 748 225 / 70 749 225	£ 13.09		£ 2.73		
70 748 232 / 70 749 232		£ 9.57	£ 3.61	£ 11.62	£ 5.36
70 748 240 / 70 749 240		£ 9.57	£ 3.61	£ 11.62	£ 5.36

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



Illustrations show right-hand versions





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

Left-hand 70 727 ...		Right-hand 70 726 ...	
£		£	
2A		2A	
131.96	216	131.96	216
131.96	220	131.96	220
131.96	225	131.96	225

**Spare parts
for Article no.**

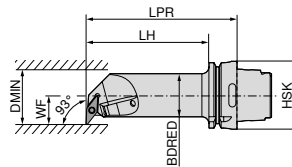
70 727 216 / 70 726 216
70 727 220 / 70 726 220
70 727 225 / 70 726 225

			
Key D	Clamping screw		
80 950 ...		70 950 ...	
£		£	
Y7		2A/28	
13.09	110	2.73	13800
13.09	110	2.73	13800
15.56	113	3.92	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 ...		Right-hand 74 567 ...	
£		£	
2D/80		2D/80	
628.15	516	628.15	516

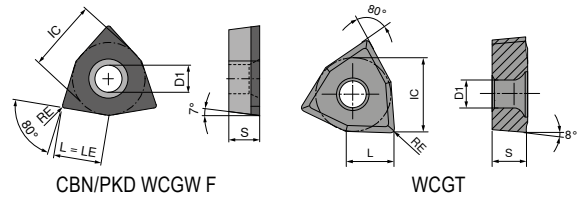
**Spare parts
for Article no.**

74 567 516 / 74 568 516

			
Combination Key	Clamping screw	Solid Carbide Seat V	Threaded sleeve
70 950 ...		70 950 ...	
£		£	
2A/28		2A/28	
9.57	398	3.61	113
		11.62	107
			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
18.73 900	20.16 450	15.42 600
18.73 902	20.16 452	15.42 602

ISO	RE mm
020102EN	0.2
020104EN	0.4

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

9

WCGW

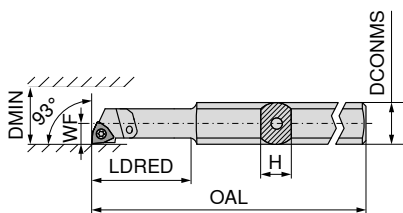
▲ TCE (NOI) = Design and number of equipped cutting edge corners

CTDPD20
F
DIAMOND WCGW
71 154 ...
£ Y0
252.92 100
252.92 102

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			●

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



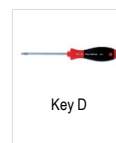
Illustrations show right-hand versions



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 ...	70 730 ...	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..	159.78	006	159.78	006

**Spare parts
for Article no.**

70 731 005 / 70 730 005	T06	£ Y7	108	M1,8x3,4	334
70 731 006 / 70 730 006	T06	14.16	108	M1,8x3,4	334



Key D



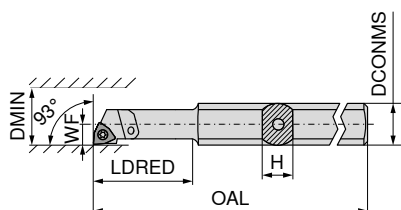
Clamping screw

80 950 ...	£ Y7	108
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70 950 ...	£ 2A/28	334
------------	------------	-----

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

▲ with carbide core

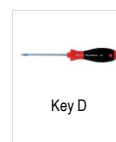


Illustrations show right-hand versions



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 ...	70 742 ...	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..	177.89	006	177.89	006
SET							0,4	WC.. 0201..	353.48	999	353.48	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
------------	------------	-----

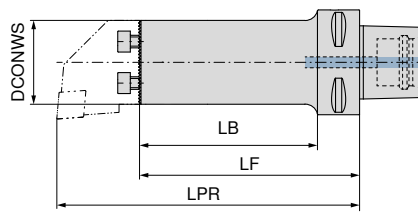
**Spare parts
for Article no.**

70 743 005 / 70 742 005	T06	14.16	108	M1,8x3,4	334
70 743 006 / 70 742 006	T06	14.16	108	M1,8x3,4	334

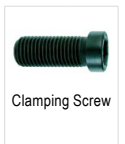
Base holders for the exchangeable head system

Scope of supply:

Includes clamping screws



Adapter	LPR mm	LF mm	LB mm	DCONWS mm	right / left	£	
PSC 40	90	55	35	25		Y8	
PSC 40	110	75	55	32		695.63	02595
PSC 40	120	80		40		695.63	04095
PSC 50	90	55	35	25		782.79	02594
PSC 50	110	75	55	32		782.79	03294
PSC 50	140	100	80	40		782.79	04094
PSC 63	100	65	43	25		854.04	02593
PSC 63	125	90	68	32		854.04	03293
PSC 63	160	125	103	32		854.04	13293
PSC 63	140	100	78	40		854.04	04093
PSC 63	180	140	118	40		854.04	14093



Spare parts for Article no.

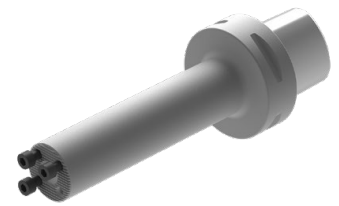
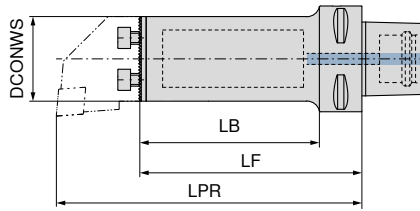
Article no.	Part	£	
84 192 02595	M4X12 (SW3)	4.59	30000
84 192 03295	M5X14 (SW4)	4.59	29900
84 192 04095	M6X16 (SW5)	4.59	29800
84 192 02594	M4X12 (SW3)	4.59	30000
84 192 03294	M5X14 (SW4)	4.59	29900
84 192 04094	M6X16 (SW5)	4.59	29800
84 192 02593	M4X12 (SW3)	4.59	30000
84 192 03293	M5X14 (SW4)	4.59	29900
84 192 04093	M6X16 (SW5)	4.59	29800
84 192 13293	M5X14 (SW4)	4.59	29900
84 192 14093	M6X16 (SW5)	4.59	29800

Base holders for the exchangeable head system – vibration-damped

▲ Heavy metal core reduces vibrations

Scope of supply:

Includes clamping screws



Adapter	LPR mm	LF mm	LB mm	DCONWS mm
PSC 63	150	115	93	25
PSC 63	185	150	128	32
PSC 63	225	185	163	40

right / left	
84 195 ...	
£	
Y8	
2,403.41	02593
2,656.52	03293
2,911.03	04093



Clamping Screw

**Spare parts
for Article no.**

84 195 02593
84 195 03293
84 195 04093

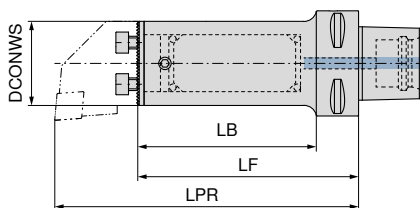
84 950 ...	
£	
Y8	
4.59	30000
4.59	29900
4.59	29800

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

right / left

84 198 ...

Adapter	LPR	LF	LB	DCONWS	£	
	mm	mm	mm	mm	Y8	
PSC 40	167	132	112	25	1,039.78	42595 ¹⁾
PSC 40	189	154	134	32	1,237.74	43295 ¹⁾
PSC 40	213	173		40	1,326.92	44095 ¹⁾
PSC 50	168	133	113	25	1,156.40	32594 ¹⁾
PSC 50	215	180	160	25	1,732.64	42594 ¹⁾
PSC 50	189	154	134	32	1,250.48	33294 ¹⁾
PSC 50	259	224	204	32	1,313.20	43294 ¹⁾
PSC 50	234	194	174	40	1,503.32	34094 ¹⁾
PSC 50	328	288	268	40	2,502.92	44094 ¹⁾
PSC 63	167	132	110	25	1,372.00	32593 ¹⁾
PSC 63	215	180	158	25	1,923.74	42593 ¹⁾
PSC 63	265	230	208	25	2,726.36	52593 ¹⁾
PSC 63	194	159	137	32	1,556.24	33293 ¹⁾
PSC 63	259	224	202	32	2,179.52	43293 ¹⁾
PSC 63	323	288	266	32	3,091.90	53293 ¹⁾
PSC 63	238	198	176	40	1,703.24	34093 ¹⁾
PSC 63	328	288	266	40	2,502.92	44093 ¹⁾
PSC 63	408	368	346	40	3,273.20	54093 ¹⁾

1) Not ex-stock



Clamping Screw

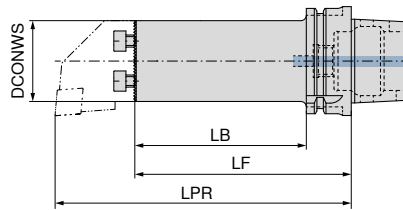
84 950 ...

Spare parts for Article no.	£	
	Y8	
84 198 42595	4.59	30000
84 198 43295	4.59	29900
84 198 44095	4.59	29800
84 198 32594	4.59	30000
84 198 33294	4.59	29900
84 198 42594	4.59	30000
84 198 34094	4.59	29800
84 198 43294	4.59	29900
84 198 44094	4.59	29800
84 198 32593	4.59	30000
84 198 33293	4.59	29900
84 198 42593	4.59	30000
84 198 34093	4.59	29800
84 198 43293	4.59	29900
84 198 52593	4.59	30000
84 198 53293	4.59	29900
84 198 44093	4.59	29800
84 198 54093	4.59	29800

Base holders for the exchangeable head system

Scope of supply:

Includes clamping screws



Adapter	LPR mm	LF mm	LB mm	DCONWS mm		
HSK-T 40	90	55	35	25		
HSK-T 40	110	75	55	25		
HSK-T 40	115	80	60	32		
HSK-T 40	120	80		40		
HSK-T 63	105	70	44	25		
HSK-T 63	125	90	64	32		
HSK-T 63	140	100	74	40		
HSK-T 63	160	125	99	32		
HSK-T 63	180	140	114	40		
HSK-T 100	180	140	111	40		

right / left

84 193 ...

£

Y8

695.63 02539

695.63 12539

695.63 03239

695.63 04039

854.04 02537

854.04 03237

854.04 04037

854.04 13237

854.04 14037

1,126.97 04035



Clamping Screw

84 950 ...

£

Y8

Spare parts for Article no.

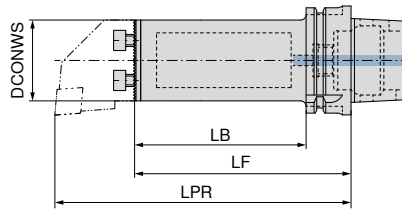
84 193 02539	M4X12 (SW3)	4.59	30000
84 193 12539	M4X12 (SW3)	4.59	30000
84 193 03239	M5X14 (SW4)	4.59	29900
84 193 04039	M6X16 (SW5)	4.59	29800
84 193 02537	M4X12 (SW3)	4.59	30000
84 193 03237	M5X14 (SW4)	4.59	29900
84 193 04037	M6X16 (SW5)	4.59	29800
84 193 13237	M5X14 (SW4)	4.59	29900
84 193 14037	M6X16 (SW5)	4.59	29800
84 193 04035	M6X16 (SW5)	4.59	29800

Base holders for the exchangeable head system – vibration-damped

▲ Heavy metal core reduces vibrations

Scope of supply:

Includes clamping screws



NEW

right / left

84 195 ...

£
Y8

2,244.10 02537

2,480.29 03237

2,717.51 04037

Adapter	LPR	LF	LB	DCONWS
	mm	mm	mm	mm
HSK-T 63	150	115	89	25
HSK-T 63	185	150	124	32
HSK-T 63	225	185	159	40



Clamping Screw

84 950 ...

£
Y8

4.59 30000

4.59 30000

4.59 30000

Spare parts for Article no.

84 195 02537

84 195 03237

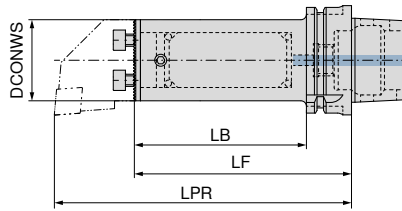
84 195 04037

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
right / left
84 198 ...

Adapter	LPR	LF	LB	DCONWS	£	
	mm	mm	mm	mm	Y8	
HSK-T 63	161	126	100	25	1,372.00	32537 ¹⁾
HSK-T 63	186	151	125	25	1,921.78	42537 ¹⁾
HSK-T 63	189	154	128	32	1,554.28	33237 ¹⁾
HSK-T 63	221	186	160	32	2,177.56	43237 ¹⁾
HSK-T 63	226	186	160	40	1,701.28	34037 ¹⁾
HSK-T 63	266	226	200	40	2,502.92	44037 ¹⁾

1) Not ex-stock



Clamping Screw

84 950 ...
£
Y8

Spare parts for Article no.

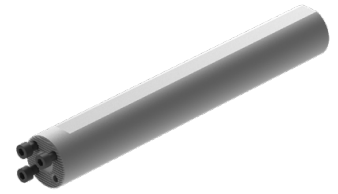
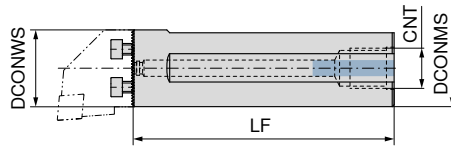
84 198 42537	4.59	30000
84 198 32537	4.59	30000
84 198 43237	4.59	29900
84 198 33237	4.59	29900
84 198 44037	4.59	29800
84 198 34037	4.59	29800

Base holders for the exchangeable head system – cylindrical

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

Scope of supply:

Includes clamping screws



DCONWS	LF	DCONMS	CNT
mm	mm	mm	
25	200	25	1/4
32	218	32	3/8
40	283	40	1/2

right / left

84 194 ...

£	
Y8	
674.68	02599
717.70	03299
876.11	04099



Clamping Screw

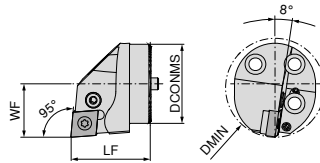
84 950 ...

£	
Y8	
4.59	30000
4.59	29900
4.59	29800

Spare parts for Article no.

84 194 02599	M4X12 (SW3)	4.59	30000
84 194 03299	M5X14 (SW4)	4.59	29900
84 194 04099	M6X16 (SW5)	4.59	29800

Exchangeable cutting head PCLN 95°

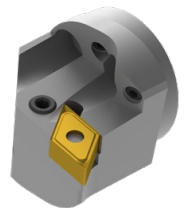
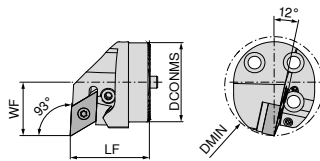


Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
						£	02500	£	02500
25	35	32	17	5	CN.. 1204	529.13	02500	529.13	02500
32	35	40	22	5	CN.. 1204	544.21	03200	544.21	03200
40	40	50	27	5	CN.. 1204	551.47	04000	551.47	04000

Spare parts for Article no.	Shim		Elbow lever screw		Lever		Carbide type C	
	£	29200	£	28700	£	29000	£	27800
84 160 02500 / 84 159 02500	3.07	29200	11.96	28700	35.51	29000	34.66	27800
84 160 03200 / 84 159 03200	3.07	29200	11.96	28700	35.51	29000	34.66	27800
84 160 04000 / 84 159 04000	3.07	29200	11.96	28700	35.51	29000	34.66	27800

Exchangeable cutting head PDUN 93°



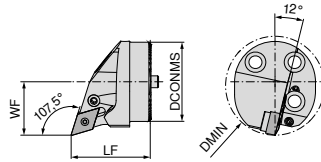
Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
						£	02500	£	02500
25	35	32	17	5	DN.. 1104	529.13	02500	529.13	02500
32	35	40	22	5	DN.. 1104	544.21	03200	544.21	03200
32	35	40	22	5	DN.. 1504 / 1506	544.21	13200	544.21	13200
40	40	50	27	5	DN.. 1104	551.47	04000	551.47	04000
40	40	50	27	5	DN.. 1504 / 1506	551.47	14000	551.47	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	
	£	29300	£	28800	£	29100	£	27900
84 162 02500 / 84 161 02500	3.07	29300	11.96	28800	41.35	29100	63.75	28100
84 162 03200 / 84 161 03200	3.07	29300	11.96	28800	41.35	29100	63.75	28100
84 162 13200 / 84 161 13200	3.07	29200	11.96	28700	41.35	28900	63.75	27900
84 162 04000 / 84 161 04000	3.07	29300	11.96	28800	41.35	29100	63.75	28100
84 162 14000 / 84 161 14000	3.07	29200	11.96	28700	41.35	28900	63.75	27900

Exchangeable cutting head PDQN 107.5°



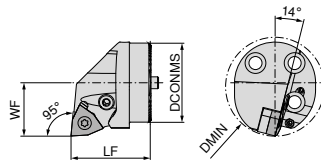
Illustrations show right-hand versions



DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
						£		£	
25	35	32	17	5	DN.. 1104	529.13	02500	529.13	02500
32	35	40	22	5	DN.. 1104	544.21	03200	544.21	03200
40	40	50	27	5	DN.. 1104	551.47	04000	551.47	04000

Spare parts for Article no.	Shim		Elbow lever screw		Lever		Solid Carbide Seat D	
	£		£		£		£	
84 163 02500 / 84 164 02500	3.07	29300	11.96	28800	41.35	29100	63.75	28100
84 163 03200 / 84 164 03200	3.07	29300	11.96	28800	41.35	29100	63.75	28100
84 163 04000 / 84 164 04000	3.07	29300	11.96	28800	41.35	29100	63.75	28100

Exchangeable cutting head PWLN 95°



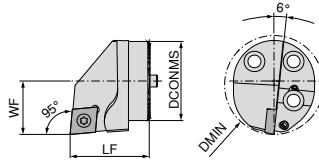
Illustrations show right-hand versions



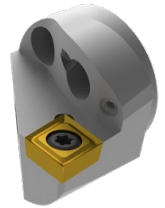
DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert	Left-hand		Right-hand	
						£		£	
32	35	40	22	5	WN.. 0804	544.21	03200	544.21	03200
40	40	50	27	5	WN.. 0804	551.47	04000	551.47	04000

Spare parts for Article no.	Shim		Elbow lever screw		Lever		Solid Carbide Seat W	
	£		£		£		£	
84 166 03200 / 84 165 03200	3.07	29200	11.96	28700	41.35	28900	63.75	27700
84 166 04000 / 84 165 04000	3.07	29200	11.96	28700	41.35	28900	63.75	27700

Exchangeable cutting head SCLC 95°



Illustrations show right-hand versions

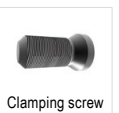


DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert
25	35	32	17	5	CC.. 1204
32	35	40	22	5	CC.. 1204
40	40	50	27	5	CC.. 1204

Left-hand		Right-hand	
84 147 ...		84 148 ...	
£		£	
Y8		Y8	
432.19	02500	432.19	02500
439.73	03200	439.73	03200
447.27	04000	447.27	04000

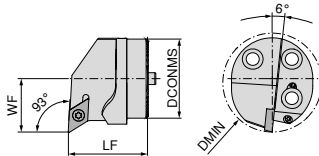
Spare parts for Article no.

84 148 02500 / 84 147 02500
84 148 03200 / 84 147 03200
84 148 04000 / 84 147 04000



84 950 ...	
£	
Y8	
12.74	27500
12.74	27500
12.74	27500

Exchangeable cutting head SDUC 93°



Illustrations show right-hand versions

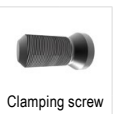


DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert
25	35	32	17	3	DC.. 11T3
32	35	40	22	3	DC.. 11T3
40	40	50	27	3	DC.. 11T3

Left-hand		Right-hand	
84 143 ...		84 144 ...	
£		£	
Y8		Y8	
432.19	02500	432.19	02500
439.73	03200	439.73	03200
447.27	04000	447.27	04000

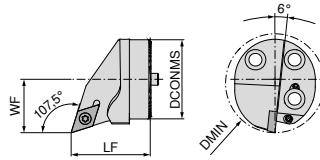
Spare parts for Article no.

84 144 02500 / 84 143 02500
84 144 03200 / 84 143 03200
84 144 04000 / 84 143 04000



84 950 ...	
£	
Y8	
8.43	27600
8.43	27600
8.43	27600

Exchangeable cutting head SDQC 107.5°

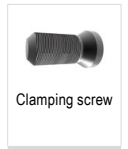


Illustrations show right-hand versions



DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert
25	35	32	17	3	DC.. 11T3
32	35	40	22	3	DC.. 11T3
40	40	50	27	3	DC.. 11T3

Left-hand		Right-hand	
84 145 ...		84 146 ...	
£		£	
Y8		Y8	
432.19	02500	432.19	02500
439.73	03200	439.73	03200
447.27	04000	447.27	04000

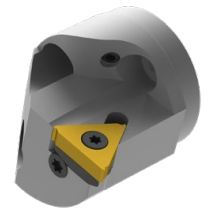
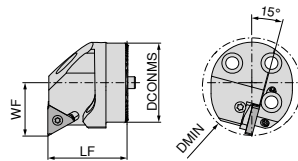


**Spare parts
for Article no.**

84 146 02500 / 84 145 02500	8.43	27600
84 146 03200 / 84 145 03200	8.43	27600
84 146 04000 / 84 145 04000	8.43	27600

84 950 ...	
£	
Y8	
8.43	27600
8.43	27600
8.43	27600

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	
573.81	02500	573.81	02500
598.41	03200	598.41	03200
629.69	04000	629.69	04000

Suitable internal thread inserts can be found in → Chapter 8 Thread Turning Tools, pages 6-31

	84 950 ...	84 950 ...	84 950 ...
	£	£	£
	Y8	Y8	Y8
Spare parts for Article no.			
84 168 02500	75.06 29500	15.12 29700	15.12 29400
84 167 02500	75.06 29600	15.12 29700	15.12 29400
84 168 03200	75.06 29500	15.12 29700	15.12 29400
84 167 03200	75.06 29600	15.12 29700	15.12 29400
84 168 04000	75.06 29500	15.12 29700	15.12 29400
84 167 04000	75.06 29600	15.12 29700	15.12 29400

Flexible coolant hoses

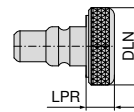
- ▲ incl. prefitted quick-coupler and coupler connector
- ▲ extremely flexible
- ▲ pressure-resistant up to 300 bar



Designation	BD mm	CND mm	OAL mm	£	X0
MU.KSS-DN3-150	6.0	3	150	91.90	11005
MU.KSS-DN3-250	6.0	3	250	97.07	11006
MU.KSS-DN5-200	9.5	5	200	104.84	11001
MU.KSS-DN5-300	9.5	5	300	110.02	11002
MU.KSS-DN5-400	9.5	5	400	112.58	11003
MU.KSS-DN5-500	9.5	5	500	115.20	11004

Sealing plugs

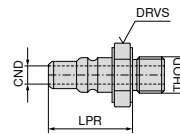
- ▲ for closing off the quick-coupler to protect against contamination



Designation	LPR mm	DLN mm	£	X0
MU.KSVS	5.5	15.5	4.52	17001

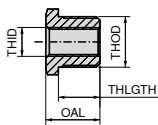
Coupler connector

- ▲ pressure-resistant up to at least 400 bar



Designation	LPR mm	CND mm	DRVS mm	OAL mm	£	X0
MU.KSKS-M8x1	18.5	4	12	19	14.88	13001

Threaded adapter



THID	THOD	THLGTH mm	DRVS mm	OAL mm	£	X0
G1/8"	G1/4"	11.5	17	15.0	28.94	01005
G1/8"	M8x1	11.5	14	15.0	28.94	01006
G1/8"	M12x1	11.5	14	15.0	28.94	01007
G1/8"	M14x1	11.5	17	15.0	28.94	01008
M8x1	G1/4"	11.5	17	15.0	15.43	01003
M8x1	M12x1	11.5	14	15.0	15.43	01001
M8x1	M14x1	11.5	17	15.0	15.43	01002
M8x1	G1/8"	11.5	14	23.5	15.43	01004

G1/8" screw plug

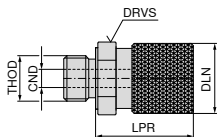
- ▲ Max. 200 bar/2900 psi
- ▲ No sealing ring required



Designation	THSZMS	£	X0
VS.G1/8	G1/8"	54.59	010

Quick-coupler

- ▲ pressure-resistant up to at least 400 bar
- ▲ rapid change of coolant distribution without screws thanks to click system



THOD	BD mm	DLN mm	LPR mm	CND mm	DRVS mm	£	X0
G1/8"	16	15.5	21.5	4	14	34.30	15001

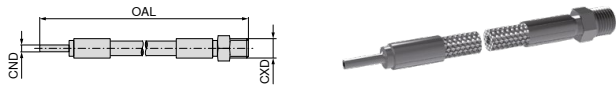
Angled coolant connection for distributor



Designation	THOD	THID	£	X0
MU.KS-KA-KSV	G1/8"	G1/8"	43.39	18003

Hose (connecting piece / thread)

- ▲ Max. 200 bar/2900 psi
- ▲ No sealing ring required



				72 305 ...	
Designation	THSZMS	CXD mm	OAL mm	£ X0	
HDKS.150.M5-4	M5	4	150	155.56	010
HDKS.200.M5-4	M5	4	200	157.34	021
HDKS.300.M5-4	M5	4	300	158.39	033
HDKS.500.M5-4	M5	4	500	162.59	045

Hose (connecting piece / connecting piece)

- ▲ Max. 200 bar/2900 psi



				72 305 ...	
Designation	CND mm	CXD mm	OAL mm	£ X0	
HDKS.150.4-4	4	4	150	143.25	003
HDKS.200.4-4	4	4	200	145.01	014
HDKS.300.4-4	4	4	300	145.70	025
HDKS.500.4-4	4	4	500	150.28	037

Reducer fitting

- ▲ Max. 200 bar/2900 psi
- ▲ Includes sealing ring



				72 301 ...	
Designation	THSZWS	THSZMS	OAL mm	£ X0	
RV.100.M5-M6	M6	M5	15	101.35	001
RV.100.M5-M8x1	M8x1	M5	23	101.35	003
RV.100.M5-M10x1	M10x1	M5	27	101.35	005
RV.100.M5-G1/8	G1/8"	M5	27	101.35	004

Reducer fitting

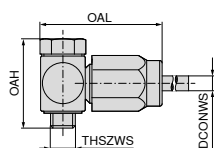
- ▲ Max. 200 bar/2900 psi
- ▲ No sealing ring required



				72 301 ...	
Designation	THSZWS	THSZMS	OAL mm	£ X0	
RV.100.M6-M5	M5	M6	18	101.35	002
RV.100.M8x1-M5	M5	M8x1	15	101.35	008
RV.100.M10x1-M5	M5	M10x1	15	101.35	007
RV.100.G1/8-M5	M5	G1/8"	15	101.35	006

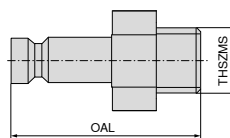
Swivel fitting

▲ Max. 200 bar/2900 psi



Quick connection (connector)

▲ Max. 200 bar/2900 psi
▲ No sealing ring required

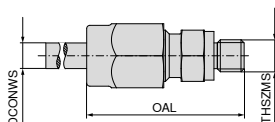


72 307 ...					
Designation	DCONWS mm	OAH mm	THSZMS	OAL mm	£ X0
KA.SV.M5-4	4	21	M5	28	259.30
KA.SV.G1/8-4	4	30	G1/8"	37	325.33
					017
					012

72 320 ...					
Designation	THSZMS	OAL mm	£ X0		
SAG.M5	M5	20	103.26	001	

Straight fitting

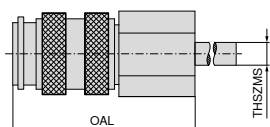
▲ Max. 200 bar/2900 psi



72 307 ...					
Designation	DCONWS mm	THSZMS	OAL mm	£ X0	
KA. M5-4	4	M5	27	102.42	009
KA. G1/8-4	4	G1/8"	32	89.39	003

Quick connection (coupling)

▲ Max. 200 bar/2900 psi



72 319 ...					
Designation	THSZMS	OAL mm	£ X0		
KIG.M5	M5	26	294.54	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 -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.

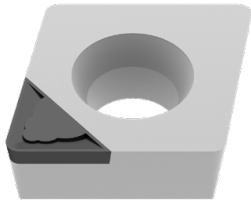
Cutting data standard values for diamond cutting materials CTD PD20 / PS30 / PU20 / CD10 / MD05

Index	Material group		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

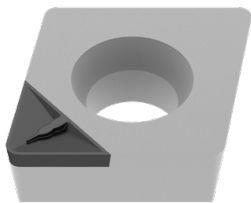
-CB1



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

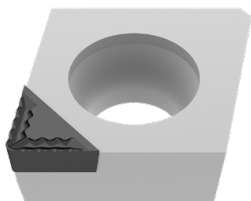
-CB2



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												

sharp ←————→ stable

 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							0,15	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							0,08	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



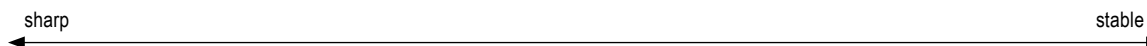
Cutting data standard values for negative inserts

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 ← → 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							0,45	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												
DN.. 150408												
DN.. 150412												
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					
	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							0,08	0,12	0,18	1,0	1,5	3,0
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
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
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												
DN.. 110408												
DN.. 110412												
DN.. 150404							0,08	0,12	0,18	0,8	1,2	2,5
DN.. 150408							0,10	0,15	0,30	1,0	1,8	3,5
DN.. 150412							0,13	0,20	0,38	1,5	2,0	4,0
DN.. 150416												
DN.. 150604												
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
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
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
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												
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
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												
WN.. 060408	0,25	0,30	0,45	1,5	2,0	4,0						
WN.. 060412	0,30	0,35	0,50	2,0	2,5	4,5						
WN.. 080404												
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
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
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 201–207

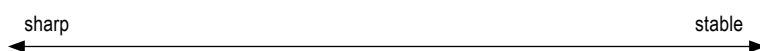
Cutting data values for positive inserts


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 201–207

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, ...

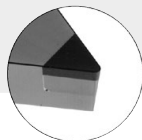
The cutting materials

	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

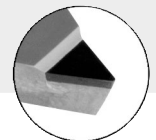
Neutral rake angle:

- ▲ higher cutting force
- ▲ higher temperature
- ▲ improved surface quality
- ▲ for stable workpieces



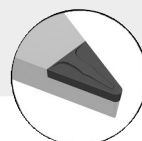
Positive rake angle:

- ▲ lower cutting force
- ▲ lower temperature
- ▲ reduction in surface quality
- ▲ for unstable workpieces
- ▲ improved accuracy



CB chip breaker geometries:





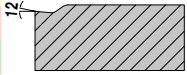

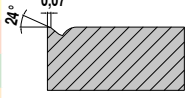

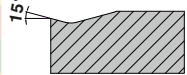

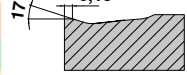

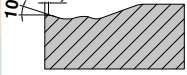
- ▲ reliable chip control
- ▲ ideal for low-alloy aluminium
- ▲ for F | M | R applications







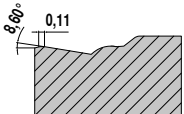
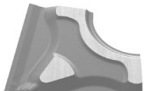
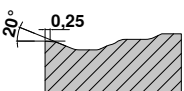
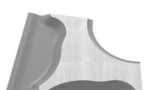
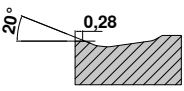
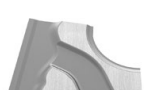
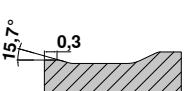

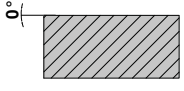
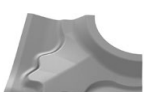
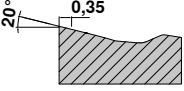
Notes on diamond usage

- ▲ 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

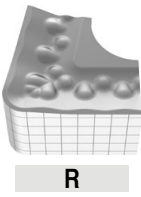
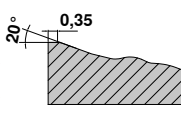

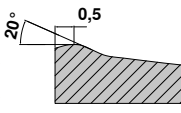
Negative	Model	Smooth cut	Irregular cutting depth	Interrupted cut	Sectional illustration		Geometry
					a _p mm	f mm	
Main application steel and cast iron, secondary application stainless steels	-CF / -CF20 ▲ Fine finishing ▲ Sharp cutting edge for low cutting forces ▲ Good chip control even at small depths of cut		CTEP110 / TCM10 CTEP110 / TCM10 CTEP110 / TCM10				CN.. DN.. TN.. WN..
		F				0,30–1,50 0,07–0,25	
	-F40 ▲ Fine turning chip breaker for machining steels ▲ Good chip control ▲ Ideal for copy turning work		CTCP125-P CTCP125-P CTCP125-P	CTCP125-P CTCP125-P			VN..
		F				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		CTCP115-P / CTCP125-P CTCP115-P / CTCP125-P / CTCP135-P CTCP135-P	CTCP115-P / CTCP125-P / CTCP135-P CTCP135-P	CTCP135-P CTCP135-P		CN.. DN.. SN.. TN.. VN.. WN..
		F				0,10–2,60 0,06–0,35	
-TFQ ▲ Trailing edge geometry ▲ Finishing to medium machining ▲ Very high feeds ▲ High surface quality		CTEP110 / CTCP115-P CTEP110 CTEP110 / CTCP115-P	CTCP115-P / CTCP125-P CTCP115-P / CTCP125-P			CN.. DN.. WN..	
	F				0,50–5,00 0,10–0,60		
-XU ▲ Finishing to light roughing ▲ Universal chip breaker ▲ Copy turning ▲ Excellent chip formation ▲ Low cutting forces		CTCP115-P / CTCP125-P CTCP115-P	CTCP115-P / CTCP125-P CTCP115-P / CTCP125-P	CTCP125-P		CN.. DN.. VN.. WN..	
	M				0,40–4,50 0,12–0,40		


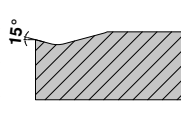
Standard chip breakers / application notes

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 0,50–3,00
<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			0,50–5,00 0,12–0,40
		CTCP115-P / CTCP125-P / CTCK110 / CTCK120	CTCP115-P / CTCP125-P / CTCK110 / CTCK120	CTCP125-P / CTCK120			
<p>-TMQ</p> <ul style="list-style-type: none"> ▲ Trailing edge 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				
<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			1,50–4,50 0,20–0,80
		CTCK110 / CTCK120 / CTCP115-P / CTCP125-P	CTCK120 / CTCP125-P	CTCP125-P / CTCK120			
<p>-NMA</p> <ul style="list-style-type: none"> ▲ Rough machining ▲ Stable cutting edge ▲ For short-chipping materials ▲ First choice for grey cast iron 	 M 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			1,00–12,00 0,25–0,80
		CTCP115-P	CTCP125-P	CTCP135-P			





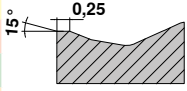

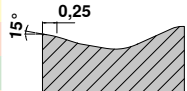

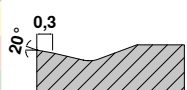

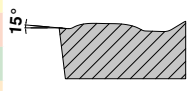

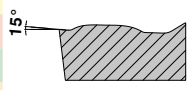

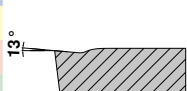
Main application steel and cast iron, secondary application stainless steels

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	 R	CTCP115-P / CTCP125-P	CTCP115-P / CTCP125-P / CTCP135-P	CTCP135-P		1,50-12,00	0,30-1,20	CN.. DN.. SN.. TN..
	▲ Single sided roughing geometry		CTCP115-P / CTCP125-P	CTCP125-P / CTCP135-P	CTCP135-P				
	▲ Longitudinal and face turning		CTCP115-P	CTCP115-P / CTCP125-P	CTCP125-P				
	▲ Light interrupted cut								
	▲ Low cutting forces								
	▲ Unstable machines								
Main application steel and cast iron, secondary application stainless steels	-R88	 R	CTCP115-P / CTCP125-P	CTCP115-P / CTCP125-P / CTCP135-P	CTCP135-P		3,50-16,00	0,50-1,50	SN..
	▲ Single sided roughing geometry		CTCP115-P / CTCP125-P	CTCP115-P / CTCP125-P	CTCP135-P				
	▲ Longitudinal and face turning		CTCP115-P	CTCP115-P / CTCP125-P	CTCP125-P				
	▲ High feedrate								
	▲ Large depths of cut								
	▲ Heavily interrupted cut								

Negative		Model	Smooth cut	Irregular cutting depth	Interrupted cut	Sectional illustration		Geometry	
						a_p mm	f mm		
Main application stainless steels, secondary application steel and super alloys	-F30	 F	CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130		0,08-2,5	0,10-0,35	CN.. DN.. SN.. TN.. VN.. WN..
	▲ Finishing of stainless steels		CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130				
	▲ Continuous cut								
	▲ High surface quality								
	▲ Good swarf control								
Main application stainless steels, secondary application steel and super alloys	-M30	 F M	CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130		1,00-4,50	0,15-0,40	CN.. DN.. SN.. TN.. VN.. WN..
	▲ Option for stainless steel machining		CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130				
	▲ Good swarf control								
	▲ Little edge build up								
	▲ Low cutting forces								
	▲ Little built-up edge								
	▲ Applicable on unstable machines								
Main application stainless steels, secondary application steel and super alloys	-M60	 M R	CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130		1,50-6,00	0,25-0,50	CN.. DN.. SN.. TN.. WN..
	▲ Light to medium roughing		CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130				
	▲ Stable cutting edge								
	▲ Interrupted cut								
	▲ Forged skin and cast crust								

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	-F34	 F	CTPX710	CTPX710			0,50–2,50	0,08–0,25	CN.. WN..	
	▲ Stable, positive cutting edge									
	▲ Also for slightly interrupted cuts									
	-M34	 M	CTPX710	CTPX710			0,80–3,0	0,10–0,30	CN.. DN.. SN.. VN.. WN..	
			▲ First choice for superalloys							
			▲ Light cutting geometry							
			▲ Little built-up edge							
			▲ Low cutting forces							
	-M42	 M	CTCM130	CTCM130	CTCM130		1,0–3,50	0,15–0,40	CN.. DN..	
▲ For medium machining on stainless steels										
▲ As a secondary application for general steels and super alloys										
CTPX710			CTPX710							
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..	
	▲ Fine finishing									
	▲ For all common steel materials, stainless steels and GGG									
	-SF	 F	CTCP115-P	CTCP125-P	CTCP125-P / CTCP135-P		0,05–2,50	0,05–0,25	CC.. DC.. SC.. TC.. VC.. WC..	
			▲ Finishing / contour turning							
			▲ Good swarf control							
			▲ High surface quality							
			▲ Low cutting forces							
	-CF55	 F M	CTEP110	TCM10 / CTEP110			0,20–1,30	0,06–0,25	CC.. DC.. SC.. TC.. VC..	
▲ Finishing to medium machining										
▲ Suitable for general and stainless steels										
▲ Low cutting forces										
▲ Good swarf control										





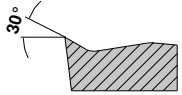
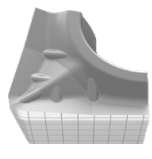
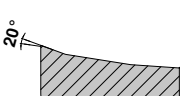
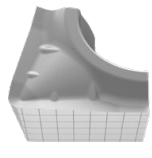
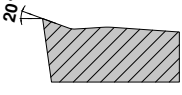

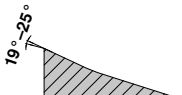
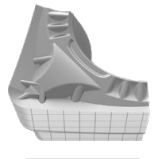
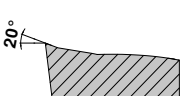
Standard chip breakers / application notes

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		CTEP110 / CTCP115-P	TCM10 / CTCP125-P / CTCP115-P	CTCP135-P		13°	CC.. DC.. SC.. TC.. VC..
	<ul style="list-style-type: none"> ▲ Finishing to medium machining ▲ Low cutting forces ▲ Good swarf control ▲ High surface quality 		CTEP110	CTCP135-P	CTCP135-P			
	F M							
	-M23		CTCP115-P / CTCP125-P	CTCP125-P	CTCP125-P		13° 21°	RC..
	<ul style="list-style-type: none"> ▲ Soft cutting geometry with outstanding chip breaking behaviour at low cutting depths in finish machining 		CTCP115-P / CTCP125-P	CTCP125-P	CTCP125-P			
M R					0,30–4,0			
-SM		CTCP115-P / CTCP125-P	CTCP125-P / CTCP135-P / CTCP115-P	CTCP125-P / CTCP135-P		15°	CC.. DC.. RC.. SC.. TC.. VC..	
<ul style="list-style-type: none"> ▲ Medium machining ▲ Universal application ▲ Stable cutting edge ▲ Varying depths of cut ▲ Wide range of applications 		CTCP115-P / CTCK110 / CTCK120	CTCP125-P / CTCK110 / CTCK120	CTCP135-P / CTCK120				
M								0,05–5,00
-SMQ		CTCP115-P	CTCP125-P	CTCP125-P		15°	CC.. DC..	
<ul style="list-style-type: none"> ▲ Positive trailing edge geometry ▲ Finishing to medium machining ▲ Very high feeds ▲ High surface quality 		CTCP125-P / CTCP115-P	CTCP125-P	CTCP125-P				
M								1,00–4,00

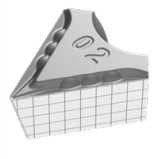
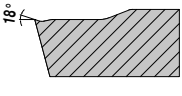
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Positive		Model	Smooth cut	Irregular cutting depth	Interrupted cut	Sectional illustration	Geometry
	-M25		CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130		CC.. DC.. TC.. VC..
	<ul style="list-style-type: none"> ▲ First choice for medium machining of stainless steels ▲ High surface quality ▲ Little built-up edge 		CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130		
	F M						
	-M55		CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130		CC.. DC.. SC.. TC.. VC..
	<ul style="list-style-type: none"> ▲ First choice for medium machining to roughing of stainless steels ▲ Smooth to lightly interrupted cut ▲ Good swarf control ▲ Stable cutting edge 		CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130		
	M						





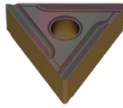
Standard chip breakers / application notes

	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					CC.. DC..	
	▲ Low adhesion		H216T	H216T	H216T			
	▲ Good chip control with soft aluminium alloys		H216T	H216T	H216T			
			H216T	H216T	H216T	0,2-4,0	0,05-0,3	
	Main application non-ferrous metals, secondary application stainless steels, steels, super alloys, cast iron	-25P	 F M					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				
			CTPX710	CTPX710		0,50-4,50	0,05-0,60	
Main application non-ferrous metals, secondary application stainless steels, steels, super alloys, cast iron		-25Q	 M					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					
			H210T	H210T	H210T	0,05-6,50	0,05-0,60	
	Main application non-ferrous metals, secondary application stainless steels, steels, super alloys, cast iron	-27	 M R					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					
			CTPX715 / H216T	CTPX715 / H216T	CTPX715 / H216T	1,00-10,00	0,10-0,75	
Main application non-ferrous metals, secondary application stainless steels, steels, super alloys, cast iron		-29	 M R					CC.. DC.. VC..
		▲ Direct sintered aluminium geometry		CTPX710	CTPX710			
		▲ Positive rake angle		CTPX710	CTPX710			
	▲ Good chip control	CTPX710		CTPX710				
	▲ For medium to rough machining	H216T		H216T	H216T			
			CTPX710	CTPX710		1,00-6,00	0,25-0,60	

Positive

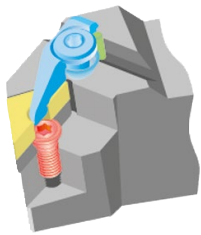
Main application super alloys and stainless steels, secondary application steels and non-ferrous metals	-F05	 F					DC.. VC..
	▲ Maximum tolerance class		CTPX710	CTPX710			
	▲ Outstanding chip control, even with the smallest cutting depths		CTPX710	CTPX710			
	▲ Very low cutting forces		CTPX710	CTPX710			
			CTPX710	CTPX710			
			CTPX710	CTPX710		0,10-2,50	0,02-0,25

Supplementary chip breakers / application notes

	Model	Smooth cut	Irregular cutting depth	Interrupted cut
				
-EN ▲ Universal chip breaker for general steels	 M	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	 M		CTCP125-P	CTCP135-P

Clamping systems

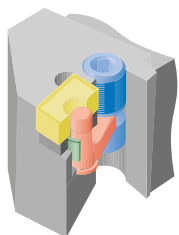
MaxiLock-D



- 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.

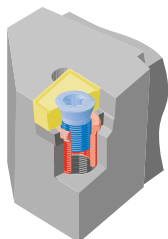
MaxiLock-N



- 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

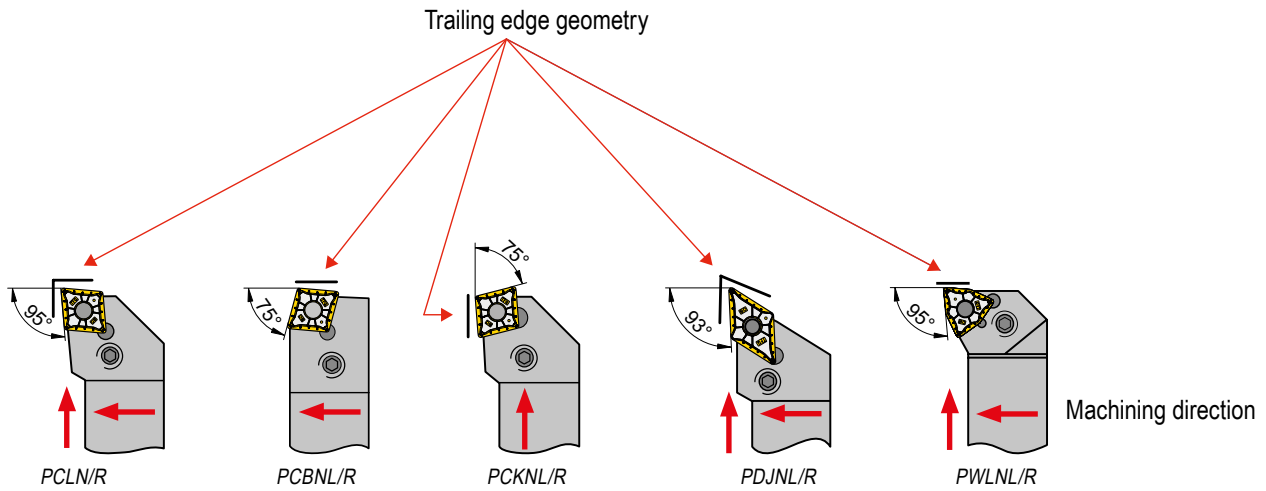


- Clamping element
- Inserts
- Insert seat
- Threaded sleeve

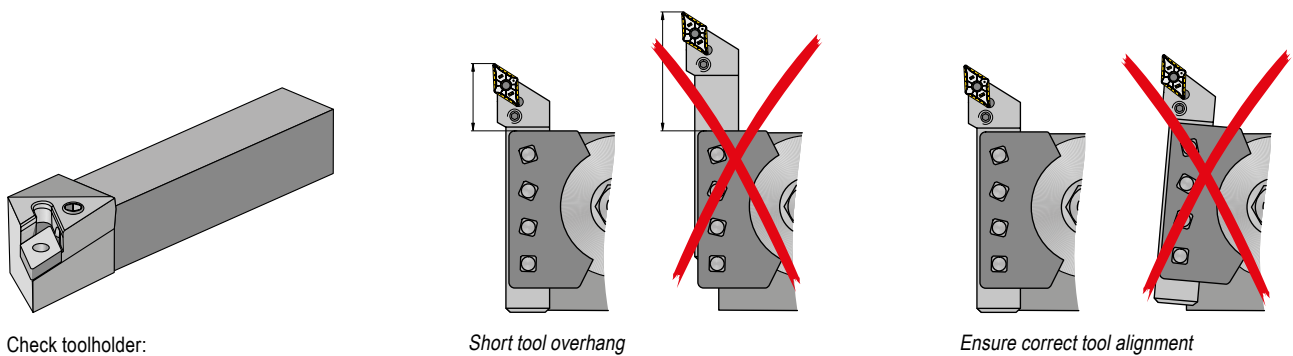
The positive screw clamping guarantees a secure connection between the indexable insert and the tool holder. The chip flow is not disrupted by protruding clamping elements. Thanks to the neutral insert position, the effective available rake angle is identical to the rake angle of the indexable insert.

Trailing edge geometry – information

High-quality surfaces can be produced inexpensively using indexable inserts with trailing edge 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

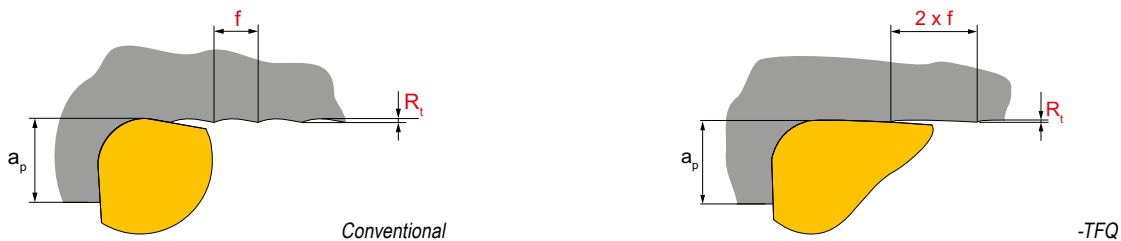
Improved Surface Quality

Given identical feed rates, the indexable insert with trailing edge 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 trailing edge geometry can be moved at twice the feed speed (= **lower cycle times!**).



9

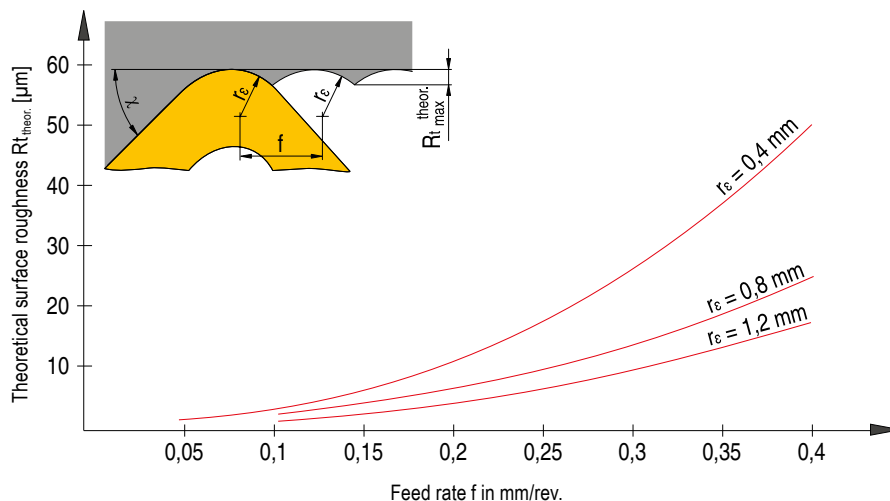
Theoretical Surface Quality

The maximum theoretical surface roughness with turning $R_{t, theor.}$ is the combination of feed rate and corner radius:

or approximately:

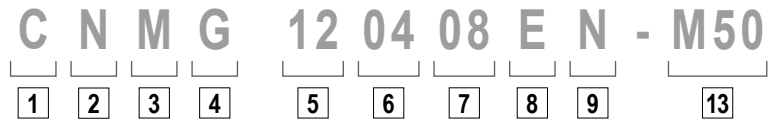
$$R_{t, theor.} = \left(r_\epsilon - \sqrt{r_\epsilon^2 - \frac{f^2}{4}} \right) \cdot 1000$$

$$R_{t, theor.} = \frac{125 \cdot f^2}{r_\epsilon} \text{ [}\mu\text{m]}$$

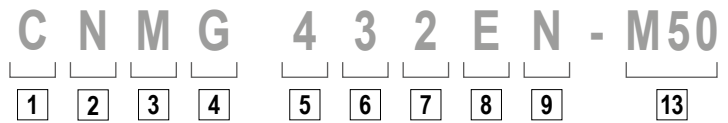


ISO designation system for inserts

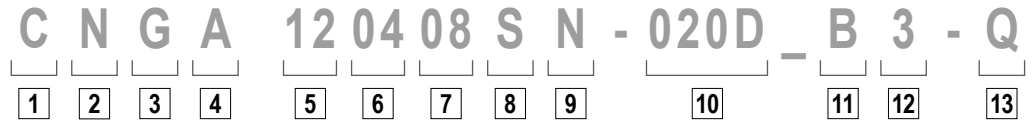
Indexable inserts – metric



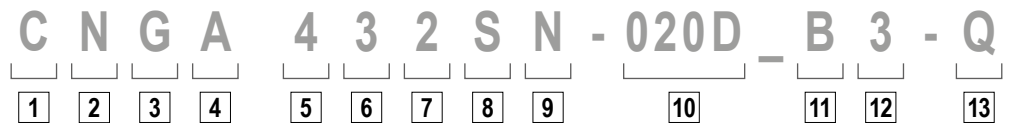
Indexable inserts – inch



Indexable inserts, CBN, ceramic – metric



Indexable inserts, CBN, ceramic – inch



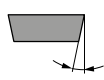
1

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

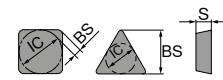


α		α	
A	3°	F	25°
B	5°	G	30°
C	7°	N	0°
D	15°	P	11°
E	20°		

O Clearance angles not included within the standard for which particular information is necessary.

3

Tolerances

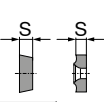


	IC±		BS		S	
	mm	inch	mm	inch	mm	inch
A	0,025	.0010	0,005	.0002	0,025	.001
F	0,013	.0005	0,005	.0002	0,025	.001
C	0,025	.0010	0,013	.0005	0,025	.001
H	0,013	.0005	0,013	.0005	0,025	.001
E	0,025	.0010	0,025	.0010	0,025	.001
G	0,025	.0010	0,025	.0010	0,13	.005
J	0,05-0,15*	.002-.006*	0,005	.0002	0,025	.001
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

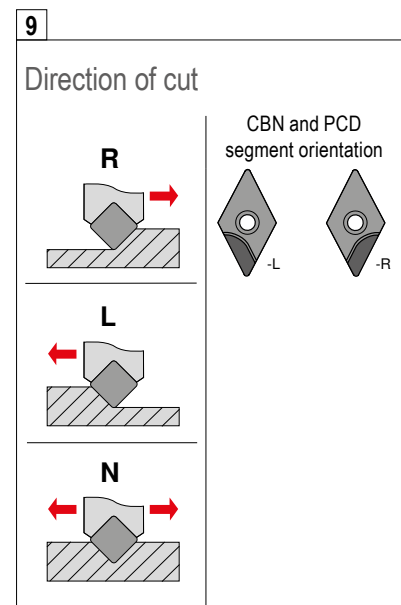


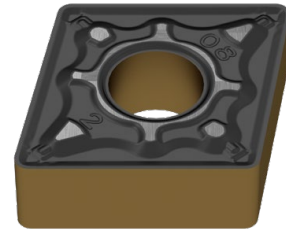
mm		inch		Code		
≤ 0,05	.0015	00	X0			RN 00 RC MO
0,1	.004	01	0			
0,2	.008	02	.5			
0,4	1/64	04	1			
0,8	1/32	08	2			
1,2	3/64	12	3			
1,6	1/16	16	4			
2,0	5/64	20	5			
2,4	3/32	24	6			
2,8	7/64	28	7			
3,2	1/8	32	8			

8

Cutting edge

F	Sharp
E	rounded
T	chamfered
S	Chamfered and honed
K	Double-chamfered
P	Double-chamfered and honed
R	Round chamfer





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
	32	12	35,24	1.269	31,75	1.250
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
	31	10	31,75	1.250	31,75	1.250
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
T	06	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
W	22	4	22,	.079	12,70	.039
	27	5	27,5	1.083	15,875	.625
	33	6	33,0	1.299	19,05	.750
	06	3	6,5	.256	9,525	.375
R	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	

* inch version

9

10

Chamfer type

	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			

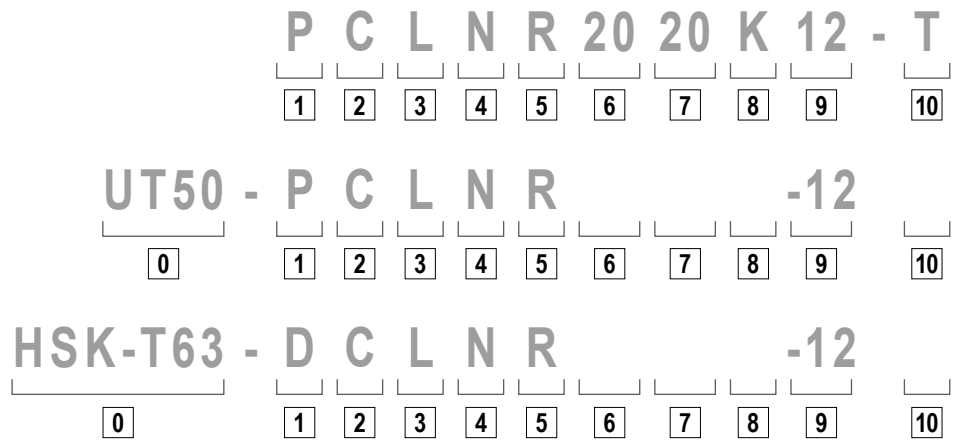
12

Segment length

Approx. specification in mm

13
Chip breaker designation
You can find a comprehensive chip breaker overview on → page 201–207

ISO designation system for tool holders



0

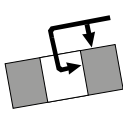
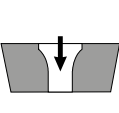
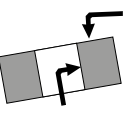
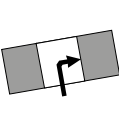
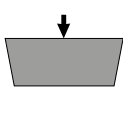
System/size

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>

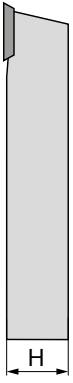
2

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

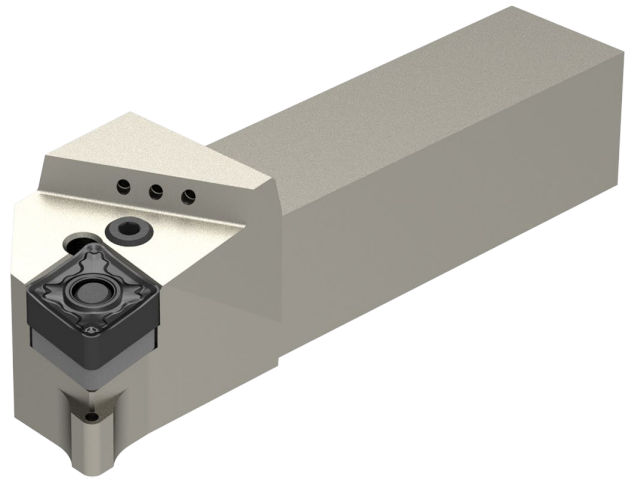
8

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° O 117,5° P 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

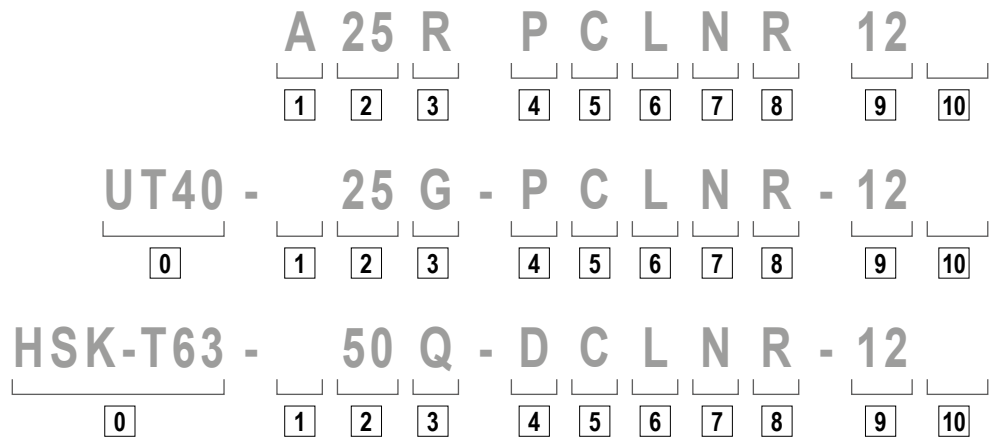
L S R
 ABK T VDECM
 O H P W

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.

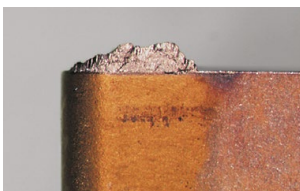
Cause

- ▲ 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

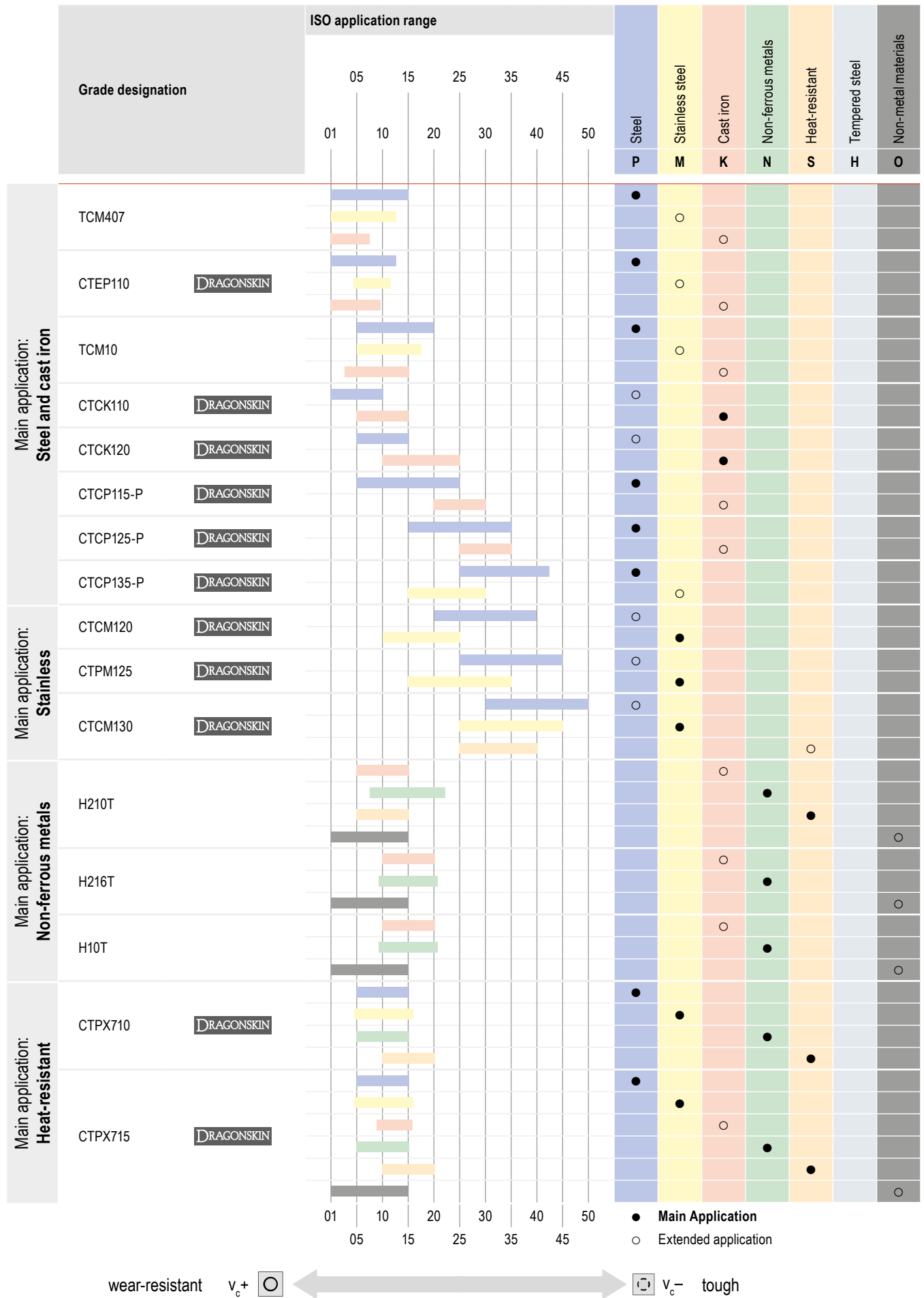
Type of problem																		
Type of wear						Work piece problems			Swarf control									
Wear on clearance face	Cratering	Edge chipping	Plastic deformation	Insert breakage	Built-up edge	Vibration	Formation of pips and burrs	Chattered surface	Surface quality	Chip too long (snarf chip)	Chip too 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

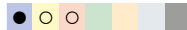


Grade description

TCM407



ISO | P10 | M05 | K05



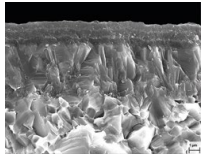
Specification:

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



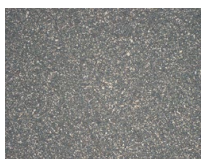
Specification:

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

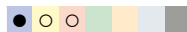
Usage recommendation:

The cermet grade with toughness reserves for finish machining at high cutting speeds.

TCM10



P15 | K10



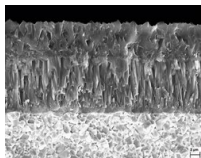
Specification:

Composition: Cermet Co/Ni 12.2%; WC 15.0%; TaNbC 10.0%; TiCN balance | Grain size: 2-3 µm |
Hardness: HV₃₀ 1650

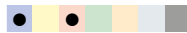
Usage recommendation:

The uncoated cermet grade for finishing steel, stainless steel and tempered steel.

CTCK110



ISO | P05 | K10



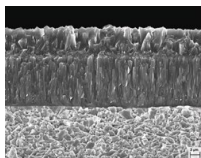
Specification:

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 | P10 | K20



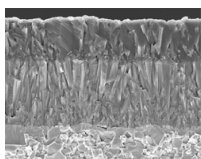
Specification:

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



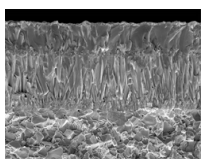
Specification:

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



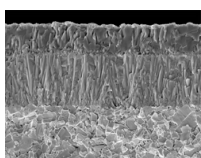
Specification:

Composition: Co 7.0%, mixed carbides 6.0%, WC balance | Grain size: 1-2 µm | Hardness: HV₃₀ 1500 |
Layer system: CVD TiCN-Al₂O₃

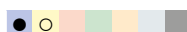
Usage recommendation:

The first choice for the universal machining of steels.

CTCP135-P



ISO | P35 | M25



Specification:

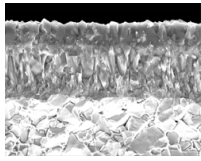
Composition: Co 9.6%, mixed carbides 7.8%, WC balance | Grain size: 1-2 µm | Hardness: HV₃₀ 1460 |
Layer system: CVD TiCN-Al₂O₃

Usage recommendation:

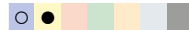
The tough alternative for extremely interrupted cutting conditions.

Grade description

CTCM120



ISO | P15 | M20



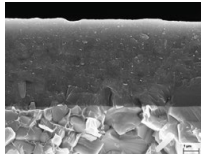
Specification:

Composition: Co 7%, mixed carbides 6%, WC balance | Grain size: 1-2 μm | Hardness: HV₃₀ 1500 | Layer system: CVD TiCN-Al₂O₃

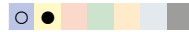
Usage recommendation:

Wear-resistant carbide grade for austenitic, stainless steel with the best levels of performance with a smooth cut.

CTPM125



ISO | P35 | M25



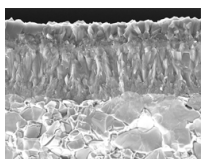
Specification:

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

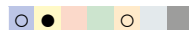
Recommended application:

The first choice for the machining of austenitic steels

CTCM130



ISO | P25 | M30 | S30



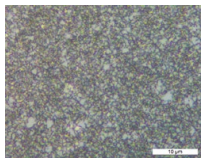
Specification:

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



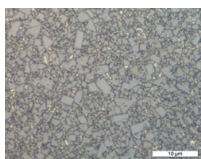
Specification:

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



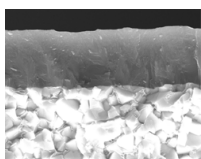
Specification:

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



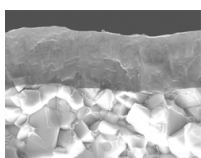
Specification:

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

