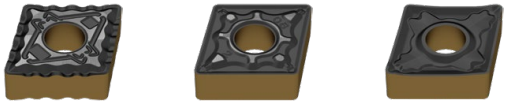
New products for machining technicians

NEW

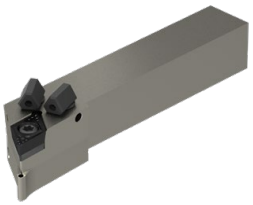
Steel machining with the new ISO-P grades



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

NEW

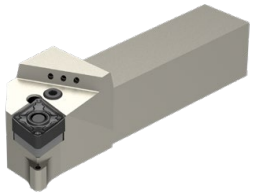
Tool holder with square shank – MaxiLock-S DC for positive indexable inserts



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

NEW

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



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

Suitable adapters for our square rotating- and grooving holders can be found in **Chapter 16 Adapters and accessories**.
Available for machine interfaces VDI and BMT.
New: Adapters with HSK-T machine interface → **Chapter 16, pages 194+195**

NEW

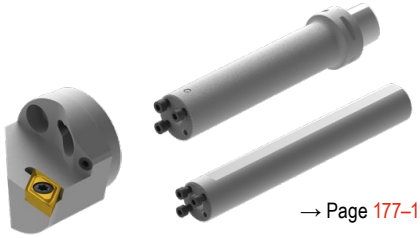
-M23 chip breaker

→ Page 125

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

NEW

MaxiChange – Exchangeable head system



→ Page 177–192

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

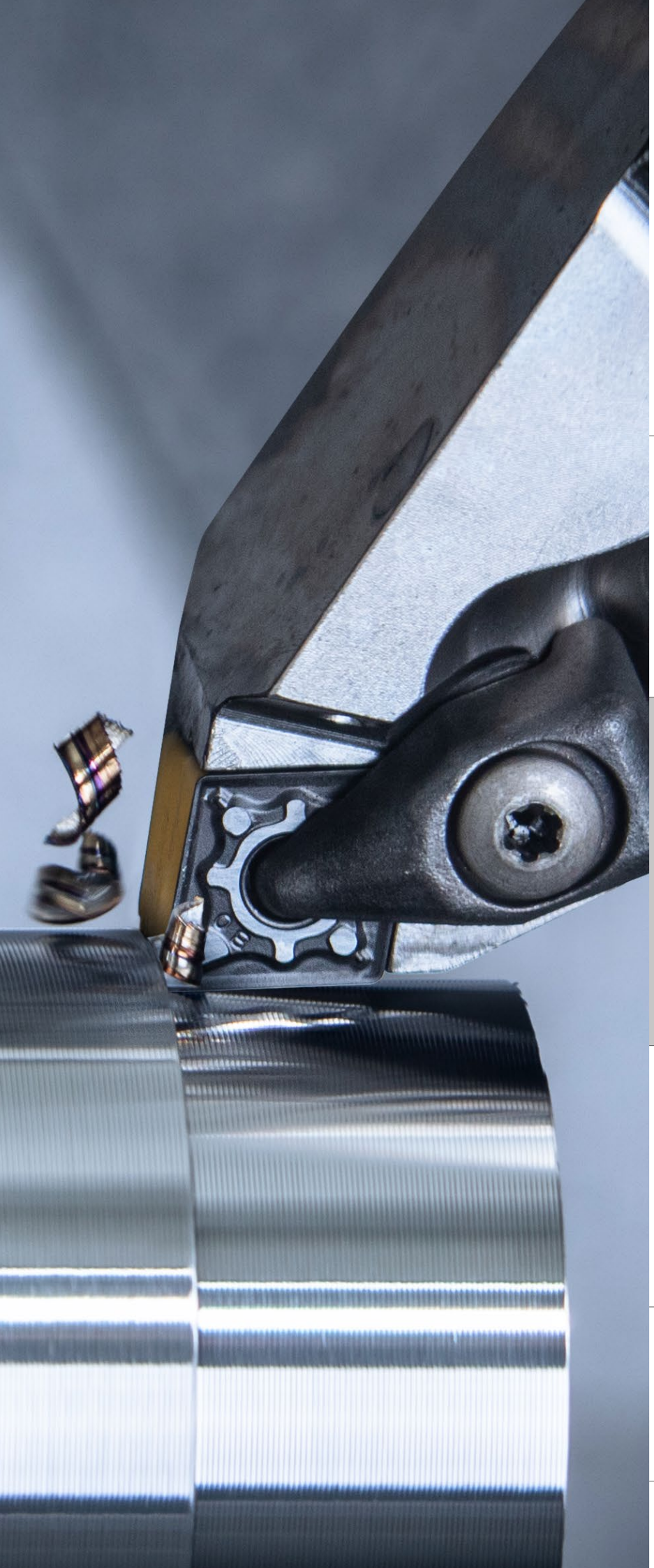


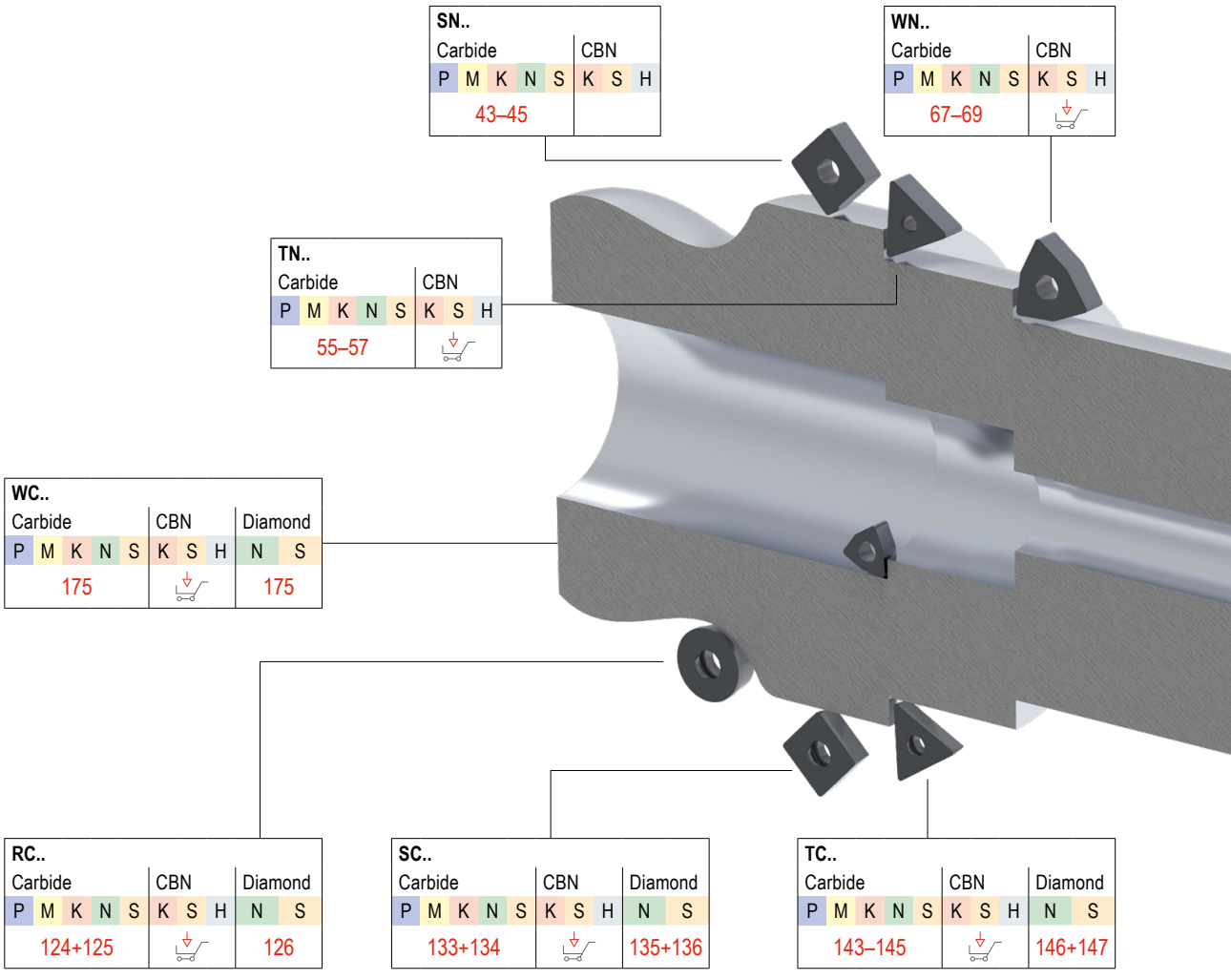
Table of contents

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

Direct Cooling — DirectCooling

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

Hard turning with PCBN indexable inserts

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

The tool selection for Sliding head machines

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

9

CN..

Carbide					CBN			Diamond	
P	M	K	N	S	K	S	H	N	S
12–16								17	

DN..

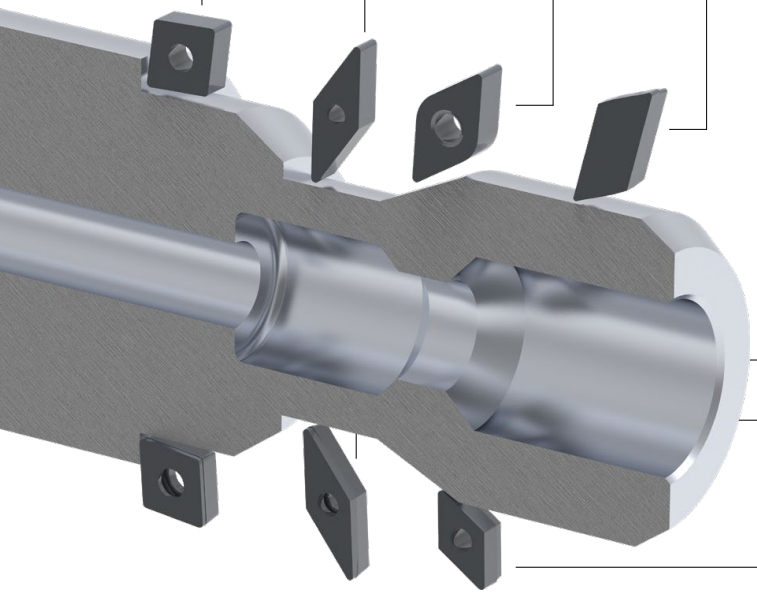
Carbide					CBN			Diamond	
P	M	K	N	S	K	S	H	N	S
26–29								30	

VN..

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

KN..

Carbide				
P	M	K	N	S



CC..

Carbide					CBN			Diamond	
P	M	K	N	S	K	S	H	N	S
76–79								80–84	

VC..

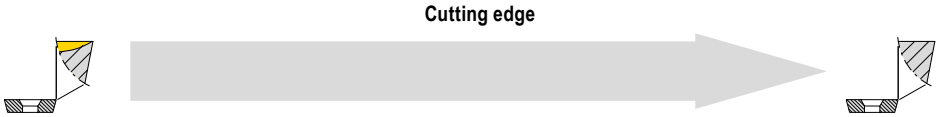
Carbide					CBN			Diamond	
P	M	K	N	S	K	S	H	N	S
153–155								157–159	

DC..

Carbide					CBN			Diamond	
P	M	K	N	S	K	S	H	N	S
99–102								104–108	

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

Chip Breakers Overview



			Sharp			medium		stable		
			5	10	20	30	40	50	60	70
increasing wedge angle	fine	F	-F05 -CF05	-SF -23P	-CF / -CF20	-F30 -SMF	-F34 -F40 -TFQ	-F50 -CF55		
	medium	M		-M23	-25P -25Q -M25	-XU -M30 -SM -SMQ	-M34 -M40 -TMQ	-M42 -M50 -M55 -27	-M60 -29	-M70
	rough	R					-NMA	-R28	-R58	-R88

Grade description

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

CT
CERATIZIT

-P
Performance

Degree of hardness

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

Application

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

Main application – material

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

Coating

W	Uncoated carbide
C	CVD-coated carbide
P	PVD-coated carbide
T	Cermet, uncoated
E	Cermet, coated
N	Silicon nitride, uncoated
M	Silicon nitride, coated
S	Mixed ceramic
K	Whisker ceramic
I	SiAlON
D	PDC
B	PcBN
H	HSS sintered

Toolfinder – negative inserts

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

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

9

Toolfinder – positive inserts

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

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

Toolfinder – holders

Toolholders and boring bars for negative inserts

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

Toolholders and boring bars for positive inserts

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

Suitable coolant accessories can be found on → **page** 193–195.

MaxiChange – Overview of the product range

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

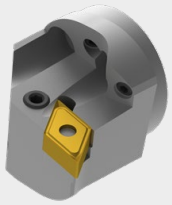
Exchangeable heads

For negative inserts

PCLN 95°

187

PDUN 93°



187

PDQN 107,5°

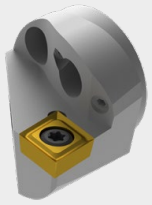
188

PWLN 95°

188

For positive inserts

SCLC 95°



189

SDUC 93°

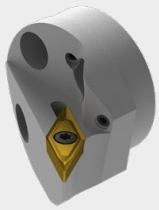
189

SDQC 107,5°

190

NEW

SVPC 117,5°



190

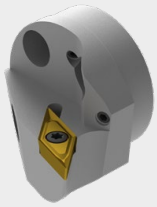
NEW

SVUC 93°

191

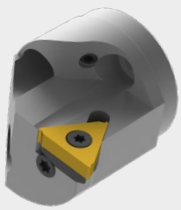
NEW

SVQC 107,5°



191

For internal thread



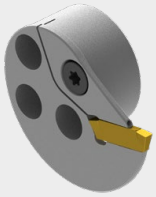
192

→ Chapter 11 – Grooving tools

For radial grooving

NEW

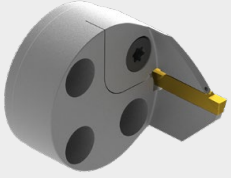
GX 16



For axial grooving

NEW

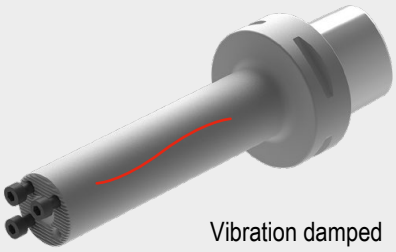
GX 24



Tool holder

PSC

177



Vibration damped

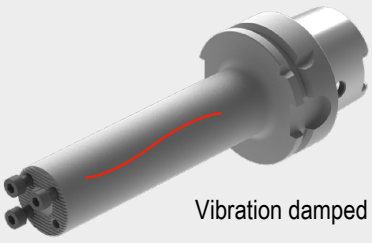
178

Actively vibration-damped

179

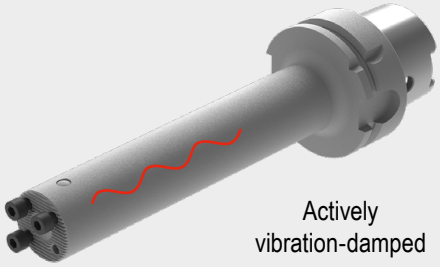
HSK-T

180



Vibration damped

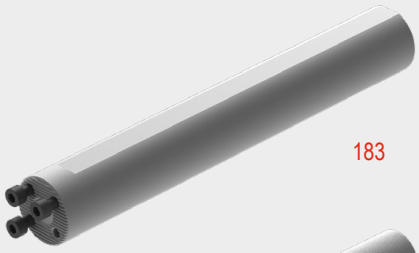
181



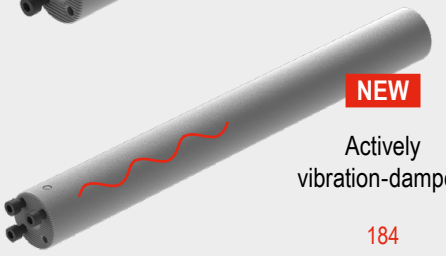
Actively vibration-damped

182

Cylindrical shank



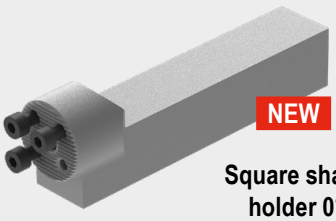
183



NEW

Actively vibration-damped

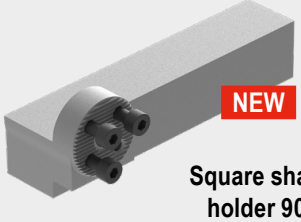
184



NEW

Square shank holder 0°

185



NEW

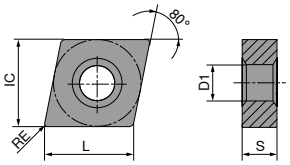
Square shank holder 90°

186

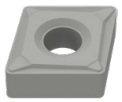
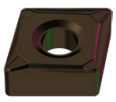
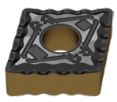
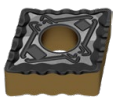
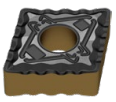
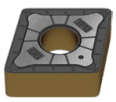
9

CNMG / CNMA / CNMM

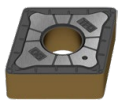
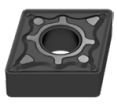
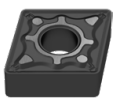
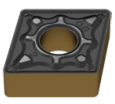
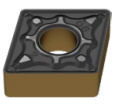
Designation	L	S	D1	IC
	mm	mm	mm	mm
CNMG 0903..	9,7	3,18	3,81	9,52
CNM. 1204..	12,9	4,76	5,16	12,70
CNM. 1606..	16,1	6,35	6,35	15,87
CNM. 1906..	19,3	6,35	7,94	19,05
CNMM 2509..	25,8	9,52	9,12	25,40



CNMG

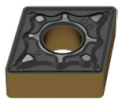
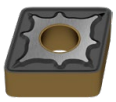
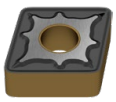
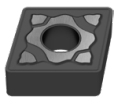
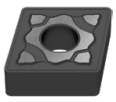
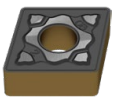
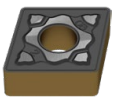
		NEW	NEW	NEW	NEW
	-CF TCM10	-CF20 CTEP110	-TFQ CTEP110	-F50 CTCP115-P	-F50 CTCP125-P	-F50 CTCP135-P	-TFQ CTCP115-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
							
	F	F	F	F	F	F	F
	CERMET CNMG	CERMET CNMG	CERMET CNMG	CNMG	CNMG	CNMG	CNMG
	70 101 ...	76 101 ...	76 110 ...	76 132 ...	76 132 ...	76 132 ...	76 110 ...
ISO / RE mm	EUR 1A/78	EUR 1A/78	EUR 1A/78	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
090304EN 0,4				9,74 31601	9,79 51601	9,74 71601	
090308EN 0,8				9,74 31801	9,79 51801	9,74 71801	
120404EN 0,4	12,73 904	13,29 028	15,45 028	15,02 32801	15,02 52801	15,02 72801	17,20 32801
120408EN 0,8	12,73 908	13,29 030	15,45 030	15,02 33001	15,02 53001	15,02 73001	17,20 33001
120412EN 1,2			15,45 032	15,02 33201	15,02 53201	15,02 73201	17,20 32001
P	●	●	●	●	●	●	●
M	○	○	○			○	
K	○	○	○	○	○		○
N							
S							
H							
O							

CNMG

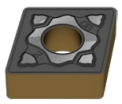
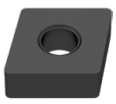
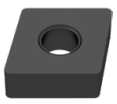
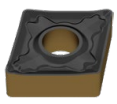
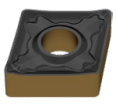
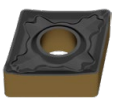
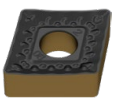
		NEW	NEW	NEW			NEW	NEW
		-TFQ CTCP125-P	-XU CTCP115-P	-XU CTCP125-P	-M50 CTCK110	-M50 CTCK120	-M50 CTCP115-P	-M50 CTCP125-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		F	M	M	M	M	M	M
		CNMG	CNMG	CNMG	CNMG	CNMG	CNMG	CNMG
		76 110 ...	76 290 ...	76 290 ...	70 132 ...	70 132 ...	76 135 ...	76 135 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
120404EN	0,4	17,20 52801	15,06 32801	15,06 52801	15,02 028		15,02 32801	15,02 52801
120408EN	0,8	17,20 53001	15,06 33001	15,06 53001	15,02 030	15,02 530	15,02 33001	15,02 53001
120412EN	1,2	17,20 53201	15,06 33201	15,06 53201	15,02 032	15,02 532	15,02 32001	15,02 53201
120416EN	1,6						15,02 33401	15,02 53401
160608EN	0,8						24,26 34201	24,26 54201
160612EN	1,2						24,26 34401	24,26 54401
160616EN	1,6						24,26 34601	24,26 54601
P		●	●	●	○	○	●	●
M								
K		○	○	○	●	●	○	○
N								
S								
H								
O								

9

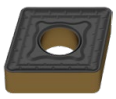
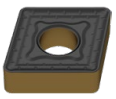
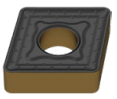
CNMG

		NEW	NEW	NEW			NEW	NEW
		-M50 CTCP135-P	-TMQ CTCP115-P	-TMQ CTCP125-P	-M70 CTCK110	-M70 CTCK120	-M70 CTCP115-P	-M70 CTCP125-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		M	M	M	M	M	M	M
		CNMG	CNMG	CNMG	CNMG	CNMG	CNMG	CNMG
		76 135 ...	76 196 ...	76 196 ...	70 119 ...	70 119 ...	76 119 ...	76 119 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
120404EN	0,4	15,02 72801						
120408EN	0,8	15,02 73001	17,20 33001	17,20 53001	15,02 030	15,02 530	15,02 33001	15,02 53001
120412EN	1,2	15,02 73201	17,20 32001	17,20 53201	15,02 032	15,02 532	15,02 32001	15,02 53201
120416EN	1,6	15,02 73401			15,02 034	15,02 534	15,02 33401	15,02 53401
160608EN	0,8	24,26 74201			24,26 042	24,26 542	24,26 34201	24,26 54201
160612EN	1,2	24,26 74401			24,26 044	24,26 544	24,26 34401	24,26 54401
160616EN	1,6	24,26 74601			24,26 046	24,26 546	24,26 34601	24,26 54601
160624EN	2,4						24,26 34801	24,26 54801
190608EN	0,8						34,26 35401	34,26 55401
190612EN	1,2				34,26 056	34,26 556	34,26 35601	34,26 55601
190616EN	1,6				34,26 058	34,26 558	34,26 35801	34,26 55801
190624EN	2,4						34,26 36001	34,26 56001
P		●	●	●	○	○	●	●
M		○						
K			○	○	●	●	○	○
N								
S								
H								
O								

CNMG / CNMA / CNMM

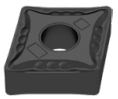
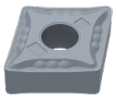
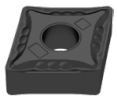
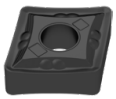
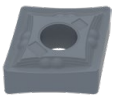
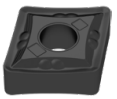
		NEW			NEW	NEW	NEW	NEW
		-M70 CTCP135-P	CTCK110	CTCK120	-R28 CTCP115-P	-R28 CTCP125-P	-R28 CTCP135-P	-R58 CTCP115-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		M	R	R	R	R	R	R
		CNMG	CNMA	CNMA	CNMM	CNMM	CNMM	CNMM
		76 119 ...	70 100 ...	70 100 ...	76 114 ...	76 114 ...	76 114 ...	76 115 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
120404EN	0,4		15,02 028	15,02 528				
120408EN	0,8	15,02 73001	15,02 030	15,02 530	15,29 33001	15,29 53001		15,29 33001
120412EN	1,2	15,02 73201	15,02 032	15,02 532	15,29 33201	15,29 53201	15,29 73201	15,29 33201
120416EN	1,6	15,02 73401	15,02 034	15,02 534	15,29 33401	15,29 53401	15,29 73401	15,29 33401
160608EN	0,8	24,26 74201	24,26 042	24,26 542				
160612EN	1,2	24,26 74401	24,26 044	24,26 544	24,26 34401	24,26 54401	24,26 74401	24,26 34401
160616EN	1,6	24,26 74601	24,26 046	24,26 546	24,26 34601	24,26 54601	24,26 74601	24,26 34601
160624EN	2,4	24,26 74801						24,26 34801
190608EN	0,8	34,26 75401						
190612EN	1,2	34,26 75601	34,26 056	34,26 556	34,26 35601	34,26 55601	34,26 75601	34,26 35601
190616EN	1,6	34,26 75801	34,26 058	34,26 558	34,26 35801	34,26 55801	34,26 75801	34,26 35801
190624EN	2,4	34,26 76001			34,26 36001	34,26 56001	34,26 76001	34,26 36001
250924EN	2,4				79,09 38401	79,09 58401	79,09 78401	79,09 38401
P		●	○	○	●	●	●	●
M		○					○	
K			●	●	○	○		○
N								
S								
H								
O								

CNMM

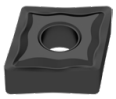
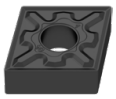
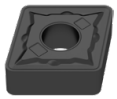
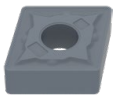
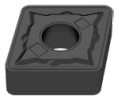
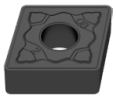
		NEW	NEW	NEW	NEW	NEW
		-R58 CTCP125-P	-R58 CTCP135-P	-R88 CTCP115-P	-R88 CTCP125-P	-R88 CTCP135-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
						
		R CNMM	R CNMM	R CNMM	R CNMM	R CNMM
		76 115 ...	76 115 ...	76 133 ...	76 133 ...	76 133 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
120408EN	0,8	15,29 53001	15,29 73001			
120412EN	1,2	15,29 53201	15,29 73201			
120416EN	1,6	15,29 53401	15,29 73401			
160612EN	1,2	24,26 54401	24,26 74401			
160616EN	1,6	24,26 54601	24,26 74601			
160624EN	2,4	24,26 54801	24,26 74801			
160624SN	2,4			24,26 34801	24,26 54801	24,26 74801
190612EN	1,2	34,26 55601	34,26 75601			
190616EN	1,6	34,26 55801	34,26 75801			
190616SN	1,6			34,26 35801	34,26 55801	34,26 75801
190624EN	2,4	34,26 52401	34,26 76001			
190624SN	2,4			34,26 36001	34,26 56001	34,26 76001
250924EN	2,4	79,09 58401	79,09 78401			
250924SN	2,4			79,09 38401	79,09 58401	79,09 78401
P		●	●	●	●	●
M			○			○
K		○		○	○	
N						
S						
H						
O						

9

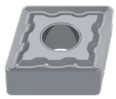
CNMG

		-F30 CTCM120	-F30 CTPM125	-F30 CTCM130	-M30 CTCM120	-M30 CTPM125	-M30 CTCM130
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
							
		F CNMG	F CNMG	F CNMG	M CNMG	M CNMG	M CNMG
		75 010 ...	75 010 ...	75 010 ...	75 011 ...	75 011 ...	75 011 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
120404EN	0,4	15,02 12800	15,02 280	15,02 32800			
120408EN	0,8	15,02 13000	15,02 230	15,02 33000	15,02 13000	15,02 230	15,02 33000
120412EN	1,2				15,02 13200	15,02 232	15,02 33200
120416EN	1,6				15,02 13400	15,02 234	15,02 33400
P		○	○	○	○	○	○
M		●	●	●	●	●	●
K							
N							
S				○			○
H							
O							

CNMG

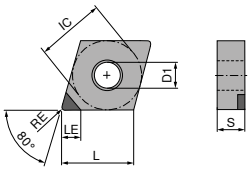
		NEW	NEW				NEW
		-42 CTCM130	-M42 CTCM130	-M60 CTCM120	-M60 CTPM125	-M60 CTCM130	-M70 CTCM130
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
							
		M CNMG	M CNMG	M CNMG	M CNMG	M CNMG	M CNMG
		75 030 ...	75 029 ...	75 012 ...	75 012 ...	75 012 ...	75 037 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
120404EN	0,4		15,02 32800				
120408EN	0,8	15,02 33000	15,02 33000	15,02 13000	15,02 230	15,02 33000	15,02 33000
120412EN	1,2		15,02 33200	15,02 13200	15,02 232	15,02 33200	15,02 33200
120416EN	1,6			15,02 13400	15,02 234	15,02 33400	
160612EN	1,2			24,26 14400	24,26 24400	24,26 34400	24,26 34400
190612EN	1,2						34,26 35600
190616EN	1,6						34,26 35800
P		○	○	○	○	○	○
M		●	●	●	●	●	●
K							
N							
S		○	○			○	○
H							
O							

CNMG

		NEW		NEW
		-F34 CTPX710	-M34 CTPX710	-M42 CTPX710
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
				
		F CNMG	M CNMG	M CNMG
		75 299 ...	75 003 ...	75 007 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08
120404EN	0,4	14,13 62800	14,13 62800	
120408EN	0,8	14,13 63000	14,13 63000	16,19 63000
120412EN	1,2	14,13 63200	14,13 63200	16,19 63200
120416EN	1,6		14,13 63400	
P		●	●	●
M		●	●	●
K				
N		○	○	○
S		●	●	●
H				
O				

CNGA

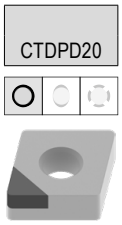
Designation	L mm	S mm	D1 mm	IC mm
CNGA 1204..	12,9	4,76	5,13	12,7

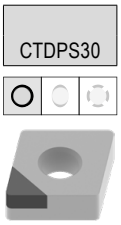


CNGA A

CNGA

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



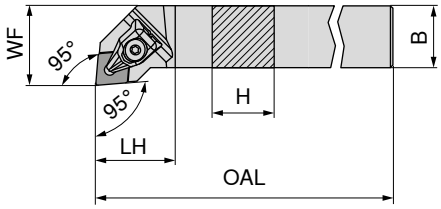


ISO	RE mm	TCE (NOI)	LE mm	F DIAMOND CNGA 71 127 ... EUR Y0		F DIAMOND CNGA 71 127 ... EUR Y0	
120404FN	0,4	**A (1)**	6,3	81,00	**10001**	81,00	**20001**
120408FN	0,8	**A (1)**	6,0	81,00	**10101**	81,00	**20101**
120412FN	1,2	**A (1)**	5,7	81,00	**10201**	81,00	**20201**
P							
M							
K							
N					●		●
S							
H							
O					●		●

9

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 ... EUR 2A/24		Right-hand 70 508 ... EUR 2A/24	
DCLN R/L 1616 H09	16	16	100	23	20	2	CN.. 0903	96,54	**516**	96,54	**516**
DCLN R/L 2020 K09	20	20	125	24	25	2	CN.. 0903	107,60	**520**	107,60	**520**
DCLN R/L 2020 K12	20	20	125	32	25	4	CN.. 1204	107,60	**620**	107,60	**620**
DCLN R/L 2525 M12	25	25	150	32	32	4	CN.. 1204	111,30	**625**	111,30	**625**
DCLN R/L 3225 P12	32	25	170	32	32	4	CN.. 1204	119,40	**632**	119,40	**632**
DCLN R/L 2525 M16	25	25	150	38	32	6,5	CN.. 1606	111,30	**725**	111,30	**725**
DCLN R/L 3232 P16	32	32	170	36	40	6,5	CN.. 1606	150,30	**732**	150,30	**732**
DCLN R/L 3232 P19	32	32	170	42	40	6,5	CN.. 1906	150,30	**832**	150,30	**832**
DCLN R/L 4040 S19	40	40	250	42	50	6,5	CN.. 1906	186,80	**940**	186,80	**940**
DCLN R/L 4040 S25	40	40	250	60	50	6,5	CN.. 2509	186,80	**440**	186,80	**440**


XPress type


Key D

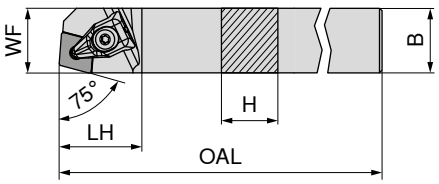

Clamping screw


Carbide type C

Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 508 516 / 70 509 516	30,48	**823**	T09 - IP	14,50 **126**	M3x7 - IP	4,14 **819**	9,19	**848**
70 508 520 / 70 509 520	30,48	**823**	T09 - IP	14,50 **126**	M3x7 - IP	4,14 **819**	9,19	**848**
70 508 620 / 70 509 620	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	10,17	**810**
70 508 625 / 70 509 625	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	10,17	**810**
70 508 632 / 70 509 632	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	10,17	**810**
70 508 725 / 70 509 725	33,74	**825**	T20 - IP	16,17 **129**	M5x14 - IP	5,46 **821**	15,53	**814**
70 508 732 / 70 509 732	33,74	**825**	T20 - IP	16,17 **129**	M5x14 - IP	5,46 **821**	15,53	**814**
70 508 832 / 70 509 832	36,92	**826**	T20 - IP	16,17 **129**	M5x14 - IP	5,46 **821**	16,64	**816**
70 508 940 / 70 509 940	36,92	**826**	T20 - IP	16,17 **129**	M5x14 - IP	5,46 **821**	16,64	**816**
70 508 440 / 70 509 440	58,62	**827**	T25 - IP	13,25 **122**	M6x16 - IP	10,37 **822**	31,92	**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 ... EUR 2A/24		Right-hand 70 500 ... EUR 2A/24	
DCBN R/L 2525 M12	25	25	150	32	22	4	CN.. 1204	107,60	**825**	107,60	**825**


XPress type

Key D

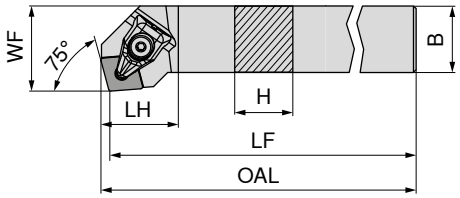

Clamping screw


Carbide type C

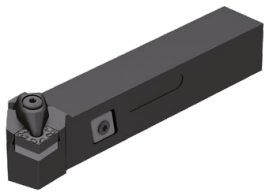
Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 501 825 / 70 500 825	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	10,17	**810**

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 ... EUR 2A/24		Right-hand 70 504 ... EUR 2A/24	
DCKN R/L 2525 M12	25	25	152,9	150	28,9	32	4	CN.. 1204	107,60	**825**	107,60	**825**


XPress type

Key D

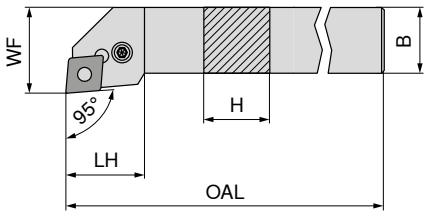

Clamping screw


Carbide type C

Spare parts for Article no.	XPress type 70 950 ... EUR 2A/28		Key D 80 950 ... EUR Y7		Clamping screw 70 950 ... EUR 2A/28		Carbide type C 70 950 ... EUR 2A/28	
70 505 825 / 70 504 825	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	10,17	**810**

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

Scope of supply:
Tool holder with allen key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand 70 509 ... EUR 2A/24		Right-hand 70 508 ... EUR 2A/24	
PCLN R/L 1616 H12	16	16	100	26,2	20	4	CN.. 1204	96,54	**016**	96,54	**016**
PCLN R/L 2020 K12	20	20	125	27,5	25	4	CN.. 1204	107,60	**020**	107,60	**020**
PCLN R/L 2525 M12	25	25	150	28,1	32	4	CN.. 1204	111,30	**025**	111,30	**025**
PCLN R/L 3225 P12	32	25	170	28,1	32	4	CN.. 1204	119,40	**032**	119,40	**032**
PCLN R/L 2525 M16	25	25	150	32,7	32	4	CN.. 1606	111,30	**125**	111,30	**125**
PCLN R/L 3232 P16	32	32	170	32,6	40	4	CN.. 1606	150,30	**132**	150,30	**132**
PCLN R/L 3232 P19	32	32	170	38,0	40	8	CN.. 1906	150,30	**232**	150,30	**232**
PCLN R/L 4040 S19	40	40	250	38,0	50	8	CN.. 1906	186,80	**54000**	186,80	**54000**
PCLN R/L 4040 S25	40	40	250	50,0	50	8	CN.. 2509	186,80	**340**	186,80	**340**


Key I


Shim

Assembly pin


Lever


Clamping screw

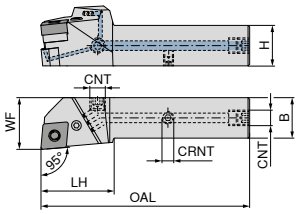

Carbide type C

Spare parts for Article no.		Key I 70 950 ... EUR 2A/28		Shim 70 950 ... EUR 2A/28		Assembly pin 70 950 ... EUR 2A/28		Lever 70 950 ... EUR 2A/28		Clamping screw 70 950 ... EUR 2A/28		Carbide type C 70 950 ... EUR 2A/28	
70 508 016 / 70 509 016	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	10,17	**233**
70 508 020 / 70 509 020	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	10,17	**233**
70 508 025 / 70 509 025	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	10,17	**233**
70 508 032 / 70 509 032	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	10,17	**233**
70 508 125 / 70 509 125	SW3	3,15	**176**	1,45	**391**	1,57	**394**	16,08	**385**	4,89	**388**	16,08	**380**
70 508 132 / 70 509 132	SW3	3,15	**176**	1,45	**391**	1,57	**394**	16,08	**385**	4,89	**388**	16,08	**380**
70 508 232 / 70 509 232	SW4	3,32	**396**	2,27	**392**	1,57	**395**	24,65	**386**	4,89	**389**	24,77	**381**
70 508 54000 / 70 509 54000	SW4	3,32	**396**	2,27	**392**	1,57	**395**	24,65	**386**	4,89	**389**	24,77	**381**
70 508 340 / 70 509 340	SW5	4,75	**265**	1,45	**621**	2,43	**623**	33,31	**620**	2,93	**622**	31,92	**624**

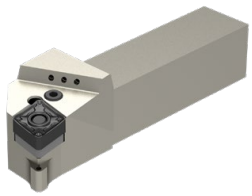
MaxiLock-N – PCLN 95° DC – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions



ISO designation	H	B	OAL	LH	WF	CNT	CRNT	torque moment	Insert	NEW Left-hand 70 592 ... EUR 2A/24		NEW Right-hand 70 592 ... EUR 2A/24	
	mm	mm	mm	mm	mm			Nm					
PCLN R/L 2020 X12-T DC	20	20	109	40	25	G1/8"	M6	4	CN.. 1204	214,80	**02000**	214,80	**02001**
PCLN R/L 2525 X12-T DC	25	25	124	40	32	G1/8"	M6	4	CN.. 1204	226,10	**02500**	226,10	**02501**
PCLN R/L 3225 X12-T DC	32	25	140	40	32	G1/8"	M6	4	CN.. 1204	237,40	**03200**	237,40	**03201**
PCLN R/L 2525 X16-T DC	25	25	129	45	32	G1/8"	M6	4	CN.. 1606	226,10	**12500**	226,10	**12501**
PCLN R/L 3232 X16-T DC	32	32	145	45	40	G1/8"	M6	4	CN.. 1606	248,70	**13200**	248,70	**13201**
PCLN R/L 3232 X19-T DC	32	32	150	50	40	G1/8"	M6	8	CN.. 1906	248,70	**23200**	248,70	**23201**
PCLN R/L 4040 X19-T DC	40	40	175	50	48	G1/8"	M6	8	CN.. 1906	271,30	**04000**	271,30	**04001**
PCLN R/L 4040 X25-T DC	40	40	185	60	48	G1/8"	M6	8	CN.. 2509	271,30	**14000**	271,30	**14001**


Key I


Shim


Assembly pin


Coolant screw plug


Lever


Clamping screw


Carbide type C

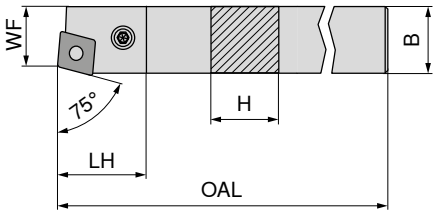

Grubscrew

Spare parts for Article no.	70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 592 02000 / 70 592 02001	3,15	**176**	2,27	**198**	1,57	**192**	4,59	**294**	16,23	**187**	4,52	**209**	10,17	**233**	3,84	**86700**
70 592 02500 / 70 592 02501	3,15	**176**	2,27	**198**	1,57	**192**	4,59	**294**	16,23	**187**	4,52	**209**	10,17	**233**	3,84	**86700**
70 592 03200 / 70 592 03201	3,15	**176**	2,27	**198**	1,57	**192**	4,59	**294**	16,23	**187**	4,52	**209**	10,17	**233**	3,84	**86700**
70 592 12500 / 70 592 12501	3,15	**176**	1,45	**391**	1,57	**394**	4,59	**294**	16,08	**385**	4,89	**388**	16,08	**380**	3,84	**86700**
70 592 13200 / 70 592 13201	3,15	**176**	1,45	**391**	1,57	**394**	4,59	**294**	16,08	**385**	4,89	**388**	16,08	**380**	3,84	**86700**
70 592 23200 / 70 592 23201	3,32	**396**	2,27	**392**	1,57	**395**	4,59	**294**	24,65	**386**	4,89	**389**	24,77	**381**	3,84	**86700**
70 592 04000 / 70 592 04001	3,32	**396**	2,27	**392**	1,57	**395**	4,59	**294**	24,65	**386**	4,89	**389**	24,77	**381**	3,84	**86700**
70 592 14000 / 70 592 14001	4,75	**265**	1,45	**621**	2,43	**623**	4,59	**294**	33,31	**620**	2,93	**622**	31,92	**624**	3,84	**86700**

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

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

ISO designation	H	B	OAL	LH	WF	torque moment	Insert	Left-hand 70 501 ... EUR 2A/24		Right-hand 70 500 ... EUR 2A/24	
	mm	mm	mm	mm	mm	Nm					
PCBN R/L 2525 M12	25	25	150	27,70	22	4	CN.. 1204	107,60	**025**	107,60	**025**
PCBN R/L 2525 M16	25	25	150	31,81	22	4	CN.. 1606	107,60	**12500**	107,60	**125**
PCBN R/L 3232 P19	32	32	170	38,00	27	8	CN.. 1906	150,30	**032**	150,30	**032**


Key I


Shim


Assembly pin


Lever

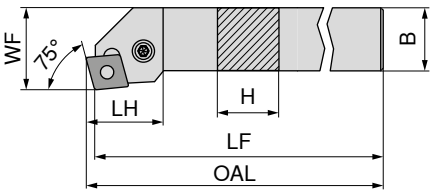

Clamping screw


Carbide type C

Spare parts for Article no.		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 500 025 / 70 501 025	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	10,17	**233**
70 500 125 / 70 501 12500	SW3	3,15	**176**	1,45	**391**	1,57	**394**	16,08	**385**	4,89	**388**	16,08	**380**
70 500 032 / 70 501 032	SW4	3,32	**396**	2,27	**392**	1,57	**395**	24,65	**386**	4,89	**389**	24,77	**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 ...** EUR 2A/24		Right-hand **70 504 ...** EUR 2A/24	
PCKN R/L 2525 M12	25	25	153,07	150	31,4	32	4	CN.. 1204	107,60	**025**	107,60	**025**


Key I


Shim


Assembly pin


Lever


Clamping screw

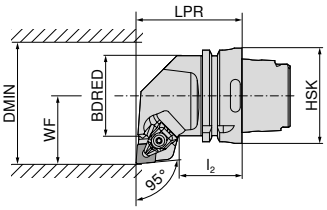

Carbide type C

Spare parts for Article no.		**70 950 ...** EUR 2A/28		**70 950 ...** EUR 2A/28		**70 950 ...** EUR 2A/28		**70 950 ...** EUR 2A/28		**70 950 ...** EUR 2A/28		**70 950 ...** EUR 2A/28	
70 505 025 / 70 504 025	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	10,17	**233**

9

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 ... EUR 2D/80		Right-hand 74 503 ... EUR 2D/80	
HSK T63 DCLN R/L 12	HSK-T 63	70	42	53	45	100	4	CN.. 1204	289,80	**512**	289,80	**512**
HSK T63 DCLN R/L 16	HSK-T 63	70	42	53	45	125	4	CN.. 1606	289,80	**516**	289,80	**516**
HSK T63 DCLN R/L 19	HSK-T 63	70	42	53	45	125	8	CN.. 1906	289,80	**519**	289,80	**519**
HSK T100 DCLN R/L 12	HSK-T 100	80	45	88	55	125	4	CN.. 1204	340,10	**712**	340,10	**712**
HSK T100 DCLN R/L 19	HSK-T 100	80	45	88	55	125	8	CN.. 1906	340,10	**719**	340,10	**719**


XPress type


Key D

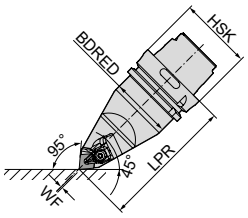

Clamping screw


Carbide type C

Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7			70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
74 504 512 / 74 503 512	30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	10,17	**810**
74 504 516 / 74 503 516	33,74	**825**	T20 - IP	16,17	**129**	M5x14 - IP	5,46	**821**	15,53	**814**
74 504 519 / 74 503 519	36,92	**826**	T20 - IP	16,17	**129**	M5x14 - IP	5,46	**821**	16,64	**816**
74 504 712 / 74 503 712	30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	10,17	**810**
74 504 719 / 74 503 719	36,92	**826**	T20 - IP	16,17	**129**	M5x14 - IP	5,46	**821**	16,64	**816**

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

Scope of supply:
Tool holder with Torx key



ISO designation	Adapter	LPR mm	BDRED mm	WF mm	torque moment Nm	Insert	Neutral 74 506 ... EUR 2D/80	
HSK T63 DCMN N 12	HSK-T 63	115	53	0	4	CN.. 1204	397,30	**512**
HSK T100 DCMN N 12	HSK-T 100	150	88	0	4	CN.. 1204	467,30	**712**


XPress type


Key D

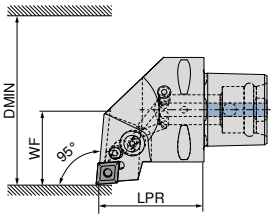

Clamping screw


Carbide type C

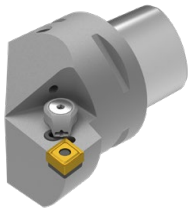
Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7			70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
74 506 512	30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	10,17	**810**
74 506 712	30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	10,17	**810**

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 84 657 ... EUR Y8		Right-hand 84 656 ... EUR Y8	
PSC40 PCLN R/L 50050-12	PSC 40	50	27	50	5	CN.. 1204	DC	281,60	**01295**	281,60	**01295**
PSC50 PCLN R/L 65060-12	PSC 50	60	35	65	5	CN.. 1204	DC	310,10	**01294**	310,10	**01294**
PSC63 PCLN R/L 80065-12	PSC 63	65	45	80	5	CN.. 1204	DC	352,00	**01293**	352,00	**01293**

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


Shim


Elbow lever screw


Lever

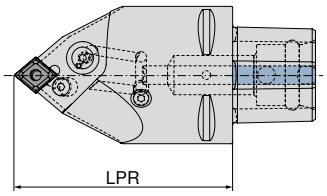

Carbide type C

Spare parts for Article no.	84 950 ... EUR Y8			84 950 ... EUR Y8		84 950 ... EUR Y8		84 950 ... EUR Y8	
84 656 01295 / 84 657 01295	1,42	**29200**	M8X1/L17 SW3	5,58	**28700**	16,53	**29000**	16,43	**27800**
84 656 01294 / 84 657 01294	1,42	**29200**	M8X1/L17 SW3	5,58	**28700**	16,53	**29000**	16,43	**27800**
84 656 01293 / 84 657 01293	1,42	**29200**	M8X1/L17 SW3	5,58	**28700**	16,53	**29000**	16,43	**27800**

9

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

Scope of supply:
without high-performance coolant set


Neutral

ISO designation	Adapter	LPR mm	torque moment Nm	Insert	Direct cooling compatible	84 675 ... EUR Y8	
PSC63 PCMN N 0100-12	PSC 63	100	5	CN.. 1204	DC	352,00	**01293**
PSC63 PCMN N 0130-12	PSC 63	130	5	CN.. 1204	DC	352,00	**11293**

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


Shim


Elbow lever screw

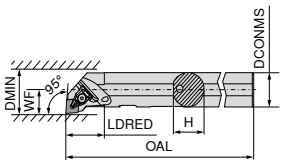

Lever


Carbide type C

Spare parts for Article no.	84 950 ... EUR Y8			84 950 ... EUR Y8		84 950 ... EUR Y8		84 950 ... EUR Y8	
84 675 01293	1,42	**29200**	M8X1/L17 SW3	5,58	**28700**	16,53	**29000**	16,43	**27800**
84 675 11293	1,42	**29200**	M8X1/L17 SW3	5,58	**28700**	16,53	**29000**	16,43	**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 70 557 ... EUR 2A/24		Right-hand 70 556 ... EUR 2A/24	
A20Q DCLN R/L 09	20	19	180	35	13	25	2	CN.. 0903	252,20	**720**	252,20	**720**
A25R DCLN R/L 12	25	24	200	36	17	32	4	CN.. 1204	281,10	**825**	281,10	**825**
A32S DCLN R/L 12	32	31	250	40	22	40	4	CN.. 1204	290,60	**832**	290,60	**832**
A40T DCLN R/L 12	40	39	300	45	27	50	4	CN.. 1204	323,80	**840**	323,80	**840**
A40U DCLN L 16	50	47	350	45	35	63	6,5	CN.. 1606	400,70	**85000**		

XPress type

Key D

Clamping screw

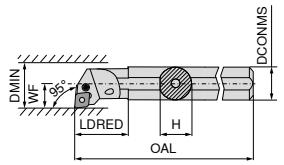
Carbide type C

Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 556 720 / 70 557 720	30,48	**823**	T09 - IP	14,50 **126**	M3x7 - IP	4,14 **819**	9,19	**848**
70 556 825 / 70 557 825	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**		
70 556 832 / 70 557 832	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	10,17	**810**
70 556 840 / 70 557 840	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	10,17	**810**
70 557 85000	33,74	**825**	T20 - IP	16,17 **129**	M5x14 - IP	5,46 **821**	15,53	**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 70 557 ... EUR 2A/24		Right-hand 70 556 ... EUR 2A/24	
A25R PCLN R/L 12	25	23	200	36,0	17	32	4	CN.. 1204	281,10	**225**	281,10	**225**
S25T PCLN R/L 12	25	23	300	22,0	17	32	4	CN.. 1204	281,10	**025**	281,10	**025**
A32S PCLN R/L 12	32	30	250	50,0	22	40	4	CN.. 1204	290,60	**232**	290,60	**232**
S32U PCLN R/L 12	32	30	350	24,1	22	40	4	CN.. 1204	290,60	**032**	290,60	**032**
A40T PCLN R/L 12	40	38	300	60,0	27	50	4	CN.. 1204	323,80	**240**	323,80	**240**
S40V PCLN R/L 12	40	38	400	24,1	27	50	4	CN.. 1204	323,80	**040**	323,80	**04000**[1)]
S50W PCLN R/L 16	50	47	450	31,0	35	63	4	CN.. 1606	400,70	**050**	400,70	**050**

1) nickel-plated

Key I

Shim

Assembly pin

Lever

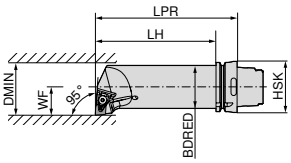
Clamping screw

Carbide type C

Spare parts for Article no.		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 556 225 / 70 557 225	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	5,52	**205**	10,17	**233**
70 556 025 / 70 557 025	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	5,52	**205**	10,17	**233**
70 556 232 / 70 557 232	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	5,52	**205**	10,17	**233**
70 556 032 / 70 557 032	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	5,52	**205**	10,17	**233**
70 556 240 / 70 557 240	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	10,17	**233**
70 556 04000 / 70 557 040	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	10,17	**233**
70 556 050 / 70 557 050	SW3	3,15	**176**	1,45	**391**	1,57	**394**	16,08	**385**	4,89	**388**	16,08	**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	Left-hand 74 529 ... EUR 2D/80		Right-hand 74 528 ... EUR 2D/80	
HSK T63 50Q DCLN R/L 12	HSK-T 63	175	149	50	35	63	4	CN.. 1204	397,30	**512**	397,30	**512**

XPress type

Key D

Clamping screw

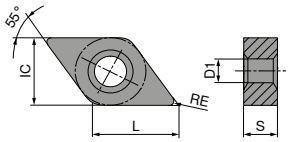
Carbide type C

Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
74 528 512 / 74 529 512	30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	10,17	**810**

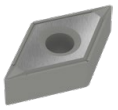
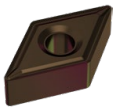
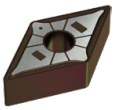
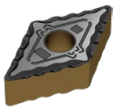
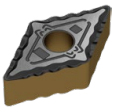
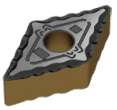
9

DNMG / DNMA / DNMM

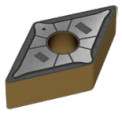
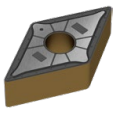
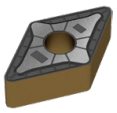
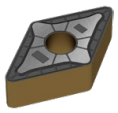
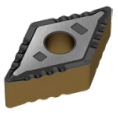
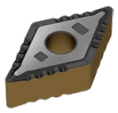
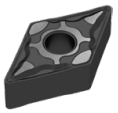
Designation	L	S	D1	IC
	mm	mm	mm	mm
DNMG 1104..	11,6	4,76	3,81	9,52
DNMG 1504..	15,5	4,76	5,16	12,70
DNM. 1506..	15,5	6,35	5,16	12,70



DNMG

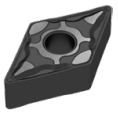
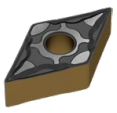
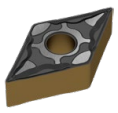
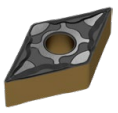
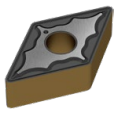
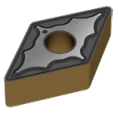
		-CF TCM10	-CF20 CTEP110	-TFQ CTEP110	NEW -F50 CTCP115-P	NEW -F50 CTCP125-P	NEW -F50 CTCP135-P
			DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
							
		F	F	F	F	F	F
		CERMET DNMG	CERMET DNMG	CERMET DNMG	DNMG	DNMG	DNMG
		70 155 ...	76 102 ...	76 153 ...	76 134 ...	76 134 ...	76 134 ...
ISO	RE mm	EUR 1A/78	EUR 1A/78	EUR 1A/78	EUR 1A/08	EUR 1A/08	EUR 1A/08
110402EN	0,2				16,02 30201	16,02 50201	16,02 70201
110404EN	0,4	15,29 904	16,02 004		16,02 30401	16,02 50401	16,02 70401
110408EN	0,8		16,02 006		16,02 30601	16,02 50601	16,02 70601
110412EN	1,2				16,02 30801	16,02 50801	16,02 70801
150404EN	0,4				19,41 31601	19,41 51601	19,41 71601
150408EN	0,8				19,41 31801	19,41 51801	19,41 71801
150412EN	1,2				19,41 32001	19,41 52001	19,41 72001
150604EN	0,4	20,01 914	21,03 028	23,38 028	21,03 32801	21,03 52801	21,03 72801
150608EN	0,8		21,03 030	23,38 030	21,03 33001	21,03 53001	21,03 73001
150612EN	1,2		21,03 032		21,03 33201	21,03 53201	21,03 73201
P		●	●	●	●	●	●
M		○	○	○			○
K		○	○	○	○	○	
N							
S							
H							
O							

DNMG

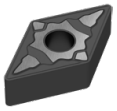
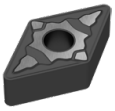
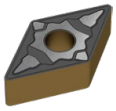
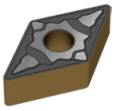
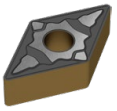
		NEW	NEW	NEW	NEW	NEW	NEW	
		-TFQ CTCP115-P	-TFQ CTCP125-P	-TFQ CTCP115-P	-TFQ CTCP125-P	-XU CTCP115-P	-XU CTCP125-P	-M50 CTCK110
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		F	F	M	M	M	M	M
		DNMG	DNMG	DNMG	DNMG	DNMG	DNMG	DNMG
		76 153 ...	76 153 ...	76 169 ...	76 169 ...	76 291 ...	76 291 ...	70 133 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
150408EN	0,8							19,41 018
150412EN	1,2							19,41 020
150604EN	0,4	24,26 32801	24,26 52801			21,03 32801	21,03 52801	
150608EN	0,8	24,26 33001	24,26 53001			21,03 33001	21,03 53001	21,03 030
150612EN	1,2			24,26 33201	24,26 53201	21,03 33201	21,03 53201	21,03 032
P		●	●	●	●	●	●	○
M								
K		○	○	○	○	○	○	●
N								
S								
H								
O								

DNMG

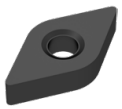
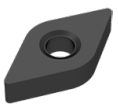
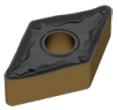
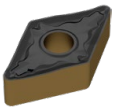
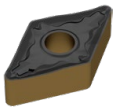
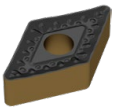
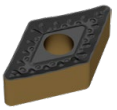
9

			NEW	NEW	NEW	NEW	NEW
		-M50 CTCK120	-M50 CTCP115-P	-M50 CTCP125-P	-M50 CTCP135-P	-TMQ CTCP125-P	-TMQ CTCP125-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
							
		M	M	M	M	M	M
		DNMG	DNMG	DNMG	DNMG	DNMG	DNMG
		70 133 ...	76 136 ...	76 136 ...	76 136 ...	76 168 ...	76 197 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
110404EN	0,4		16,02 30401	16,02 50401	16,02 70401		
110408EN	0,8		16,02 30601	16,02 50601	16,02 70601		
110412EN	1,2		16,02 30801	16,02 50801	16,02 70801		
150404EN	0,4		19,41 31601	19,41 51401	19,41 71601		
150408EN	0,8	19,41 518	19,41 31801	19,41 51801	19,41 71801		
150412EN	1,2	19,41 520	19,41 32001	19,41 51601	19,41 72001		
150416EN	1,6		19,41 32201	19,41 52201	19,41 72201		
150604EN	0,4		21,03 32801	21,03 52801	21,03 72801		
150608EN	0,8	21,03 530	21,03 33001	21,03 53001	21,03 73001	24,26 33001	24,26 53001
150612EN	1,2	21,03 532	21,03 33201	21,03 53201	21,03 73201	24,26 33201	24,26 53201
150616EN	1,6		21,03 33401	21,03 53401	21,03 73401		
P		○	●	●	●	●	●
M					○		
K		●	○	○		○	○
N							
S							
H							
O							

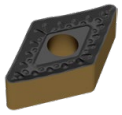
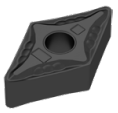
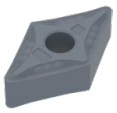
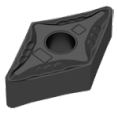
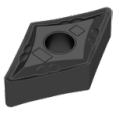
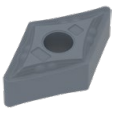
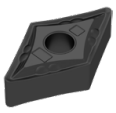
DNMG

					NEW		NEW		NEW	
		-M70 CTCK110		-M70 CTCK120		-M70 CTCP115-P		-M70 CTCP125-P		-M70 CTCP135-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
											
		M		M		M		M		M	
		DNMG		DNMG		DNMG		DNMG		DNMG	
		70 263 ...		70 263 ...		76 263 ...		76 263 ...		76 263 ...	
ISO	RE mm	EUR 1A/08		EUR 1A/08		EUR 1A/08		EUR 1A/08		EUR 1A/08	
110408EN	0,8					16,02	30601	16,02	50601	16,02	70601
110412EN	1,2					16,02	30801	16,02	50801	16,02	70801
150408EN	0,8	19,41	018	19,41	518	19,41	31801	19,41	51801	19,41	71801
150412EN	1,2	19,41	020	19,41	520	19,41	32001	19,41	52001	19,41	72001
150416EN	1,6					19,41	32201	19,41	52201	19,41	72201
150608EN	0,8	21,03	030	21,03	530	21,03	33001	21,03	53001	21,03	73001
150612EN	1,2	21,03	032	21,03	532	21,03	33201	21,03	53201	21,03	73201
150616EN	1,6	21,03	034	21,03	534	21,03	33401	21,03	53401	21,03	73401
P		○		○		●		●		●	
M										○	
K		●		●		○		○			
N											
S											
H											
O											

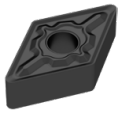
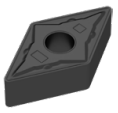
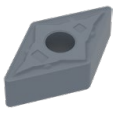
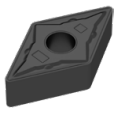
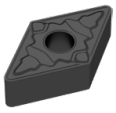
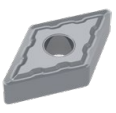
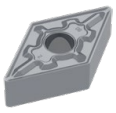
DNMA / DNMM

						NEW		NEW		NEW		NEW		NEW	
		CTCK110		CTCK120		-R28 CTCP115-P		-R28 CTCP125-P		-R28 CTCP135-P		-R58 CTCP115-P		-R58 CTCP125-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
															
		R		R		R		R		R		R		R	
		DNMA		DNMA		DNMM		DNMM		DNMM		DNMM		DNMM	
		70 156 ...		70 156 ...		76 165 ...		76 165 ...		76 165 ...		76 166 ...		76 166 ...	
ISO	RE mm	EUR 1A/08		EUR 1A/08		EUR 1A/08		EUR 1A/08		EUR 1A/08		EUR 1A/08		EUR 1A/08	
150408EN	0,8	19,41	018	19,41	518										
150412EN	1,2	19,41	020	19,41	520										
150608EN	0,8	21,03	030	21,03	530										
150612EN	1,2	21,03	032	21,03	532	21,03	33201	21,03	53201	21,03	73201	21,03	33201	21,03	53201
150616EN	1,6					21,03	33401	21,03	53401	21,03	73401	21,03	33401	21,03	53401
P		○		○		●		●		●		●		●	
M										○					
K		●		●		○		○				○		○	
N															
S															
H															
O															

DNMM / DNMG

		NEW						
		-R58 CTCP135-P	-F30 CTCM120	-F30 CTPM125	-F30 CTCM130	-M30 CTCM120	-M30 CTPM125	-M30 CTCM130
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		R	F	F	F	M	M	M
		DNMM	DNMG	DNMG	DNMG	DNMG	DNMG	DNMG
		76 166 ...	75 013 ...	75 013 ...	75 013 ...	75 014 ...	75 014 ...	75 014 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
110404EN	0,4		16,02 10400	16,02 204	16,02 30400			
110408EN	0,8		16,02 10600	16,02 206	16,02 30600	16,02 10600	16,02 206	16,02 30600
110412EN	1,2					16,02 10800	16,02 208	16,02 30800
150404EN	0,4		19,41 11600		19,41 31600			
150408EN	0,8		19,41 11800		19,41 31800	19,41 11800		19,41 31800
150412EN	1,2					19,41 12000		19,41 32000
150604EN	0,4		21,03 12800	21,03 228	21,03 32800			
150608EN	0,8		21,03 13000	21,03 230	21,03 33000	21,03 13000	21,03 230	21,03 33000
150612EN	1,2	21,03 73201				21,03 13200	21,03 232	21,03 33200
150616EN	1,6	21,03 73401						
P		●	○	○	○	○	○	○
M		○	●	●	●	●	●	●
K								
N								
S					○			○
H								
O								

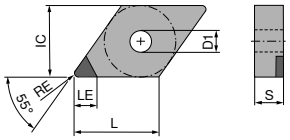
DNMG

		NEW	NEW		NEW	NEW		NEW
		-M42 CTCM130	-M60 CTCM120	-M60 CTPM125	-M60 CTCM130	-M70 CTCM130	-M34 CTPX710	-M42 CTPX710
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		M	M	M	M	M	M	M
		DNMG	DNMG	DNMG	DNMG	DNMG	DNMG	DNMG
		75 027 ...	75 015 ...	75 015 ...	75 015 ...	75 038 ...	75 004 ...	75 027 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
110404EN	0,4	16,02 30400						
110408EN	0,8	16,02 30600				16,02 30600		
150404EN	0,4	19,41 31600					20,28 61600	
150408EN	0,8	19,41 31800	19,41 11800		19,41 31800		20,28 61800	
150412EN	1,2		19,41 12000		19,41 32000		20,28 62000	
150604EN	0,4	21,03 32800						
150608EN	0,8	21,03 33000	21,03 13000	21,03 230	21,03 33000		22,22 63000	24,26 63000
150612EN	1,2		21,03 13200	21,03 232	21,03 33200		22,22 63200	
P		○	○	○	○	○	●	●
M		●	●	●	●	●	●	●
K								
N							○	○
S		○			○	○	●	●
H								
O								

9

DNGA

Designation	L	S	D1	IC
	mm	mm	mm	mm
DNGA 1504..	15,5	4,76	5,16	12,7
DNGA 1506..	15,5	6,35	5,16	12,7

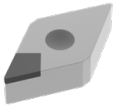


DNGA A

DNGA

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

CTDPD20



F

DIAMOND

DNGA

71 128 ...

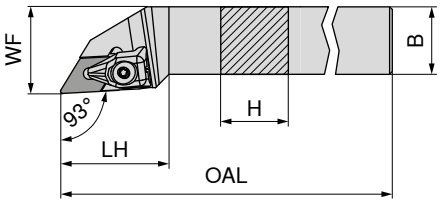
ISO	RE	TCE (NOI)	LE	EUR	
	mm		mm	Y0	
150404FN	0,4	**A (1)**	6,4	81,00	**10001**
150408FN	0,8	**A (1)**	6,0	81,00	**10101**
150412FN	1,2	**A (1)**	5,6	81,00	**10201**
150604FN	0,4	**A (1)**	6,4	81,00	**10301**
150608FN	0,8	**A (1)**	6,0	81,00	**10401**
150612FN	1,2	**A (1)**	5,6	81,00	**10501**

P	
M	
K	
N	●
S	
H	
O	●

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

Scope of supply:

Tool holder with Torx key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand 70 541 ... EUR 2A/24		Right-hand 70 540 ... EUR 2A/24	
DDJN R/L 1616 H11	16	16	100	33	20	2	DN.. 1104	96,54	**816**	96,54	**816**
DDJN R/L 2020 K11	20	20	125	33	25	2	DN.. 1104	107,60	**820**	107,60	**820**
DDJN R/L 2525 M11	25	25	150	33	32	2	DN.. 1104	111,30	**825**	111,30	**825**
DDJN R/L 2020 K15	20	20	125	40	25	4	DN.. 1504 / 1506	107,60	**720**	107,60	**720**
DDJN R/L 2525 M15	25	25	150	40	32	4	DN.. 1504 / 1506	111,30	**725**	111,30	**725**
DDJN R/L 3225 P15	32	25	170	40	32	4	DN.. 1504 / 1506	119,40	**832**	119,40	**832**

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

XPress type

Key D

Clamping screw

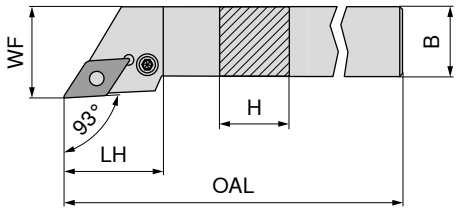
Solid Carbide Seat D

Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 541 816 / 70 540 816	36,37	**835**	T09 - IP	14,50 **126**	M3x7 - IP	4,14 **819**	4,55	**808**
70 541 820 / 70 540 820	36,37	**835**	T09 - IP	14,50 **126**	M3x7 - IP	4,14 **819**	4,55	**808**
70 541 825 / 70 540 825	36,37	**835**	T09 - IP	14,50 **126**	M3x7 - IP	4,14 **819**	4,55	**808**
70 541 720 / 70 540 720	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	10,17	**811**
70 541 725 / 70 540 725	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	10,17	**811**
70 541 832 / 70 540 832	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	10,17	**811**

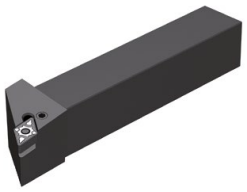
MaxiLock-N – PDJN 93° – Toolholder with lever clamping

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 70 541 ... EUR 2A/24		Right-hand 70 540 ... EUR 2A/24	
PDJN R/L 1616 H11	16	16	100	30,0	20	3	DN.. 1104	96,54	**116**	96,54	**116**
PDJN R/L 2020 K11	20	20	125	30,0	25	3	DN.. 1104	107,60	**12000**[1)]	107,60	**12000**[1)]
PDJN R/L 2525 M11	25	25	150	30,0	32	3	DN.. 1104	111,30	**12500**[1)]	111,30	**12500**[1)]
PDJN R/L 2020 K15	20	20	125	34,9	25	3,2	DN.. 1506	107,60	**020**	107,60	**020**
PDJN R/L 2525 M15	25	25	150	35,4	32	3,2	DN.. 1506	111,30	**025**	111,30	**025**
PDJN R/L 3225 P15	32	25	170	35,4	32	3,2	DN.. 1506	119,40	**032**	119,40	**032**
PDJN R/L 3232 P15	32	32	170	34,7	40	3,2	DN.. 1506	150,30	**13200**	150,30	**13200**

1) nickel-plated

Key I


Shim

Assembly pin


Lever

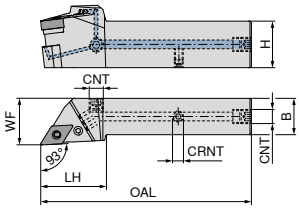

Clamping screw


Solid Carbide Seat D

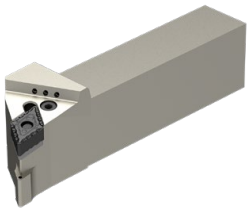
Spare parts for Article no.		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 540 116 / 70 541 116	SW2,5	3,15	**175**	2,66	**122**	1,57	**191**	19,30	**121**	4,12	**208**	9,28	**120**
70 540 12000 / 70 541 12000	SW2,5	3,15	**175**	2,66	**122**	1,57	**191**	19,30	**121**	4,12	**208**	9,28	**120**
70 540 12500 / 70 541 12500	SW2,5	3,15	**175**	2,66	**122**	1,57	**191**	19,30	**121**	4,12	**208**	9,28	**120**
70 540 020 / 70 541 020	SW3	3,15	**176**	2,27	**198**	1,57	**192**	17,63	**188**	4,89	**388**	10,17	**236**
70 540 025 / 70 541 025	SW3	3,15	**176**	2,27	**198**	1,57	**192**	17,63	**188**	4,89	**388**	10,17	**236**
70 540 032 / 70 541 032	SW3	3,15	**176**	2,27	**198**	1,57	**192**	17,63	**188**	4,89	**388**	10,17	**236**
70 540 13200 / 70 541 13200	SW3	3,15	**176**	2,27	**198**	1,57	**192**	17,63	**188**	4,89	**388**	10,17	**236**

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

Scope of supply:
Tool holder with allen key



Illustrations show right-hand versions

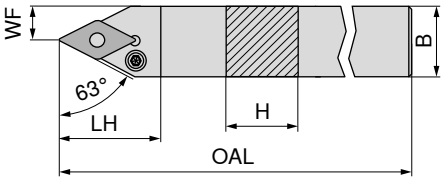


ISO designation	H	B	OAL	LH	WF	CRNT	CNT	torque moment	Insert	NEW Left-hand 70 593 ... EUR 2A/24		NEW Right-hand 70 593 ... EUR 2A/24	
	mm	mm	mm	mm	mm			Nm					
PDJN R/L 2020 X11-T DC	20	20	104	35	25	M6	G1/8"	3	DN.. 1104	214,80	**02000**	214,80	**02001**
PDJN R/L 2525 X11-T DC	25	25	114	45	32	M6	G1/8"	3	DN.. 1104	226,10	**02500**	226,10	**02501**
PDJN R/L 2020 X15-T DC	20	20	114	45	25	M6	G1/8"	3,2	DN.. 1506	214,80	**12000**	214,80	**12001**
PDJN R/L 2525 X15-T DC	25	25	129	45	32	M6	G1/8"	3,2	DN.. 1506	226,10	**12500**	226,10	**12501**
PDJN R/L 3225 X15-T DC	32	25	145	45	32	M6	G1/8"	3,2	DN.. 1506	237,40	**03200**	237,40	**03201**
PDJN R/L 3232 X15-T DC	32	32	145	45	40	M6	G1/8"	3,2	DN.. 1506	237,40	**13200**	237,40	**13201**

	Key I	Shim	Assembly pin	Coolant screw plug	Lever	Clamping screw	Solid Carbide Seat D	Grubscrew
	70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
Spare parts for Article no.	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28
70 593 02001 / 70 593 02000	3,15 **175**	2,66 **122**	1,57 **191**	4,59 **294**	19,30 **121**	4,12 **208**	9,28 **120**	3,84 **86700**
70 593 02501 / 70 593 02500	3,15 **175**	2,66 **122**	1,57 **191**	4,59 **294**	19,30 **121**	4,12 **208**	9,28 **120**	3,84 **86700**
70 593 12001 / 70 593 12000	3,15 **176**	2,27 **198**	1,57 **192**	4,59 **294**	17,63 **188**	4,52 **209**	10,17 **236**	3,84 **86700**
70 593 12501 / 70 593 12500	3,15 **176**	2,27 **198**	1,57 **192**	4,59 **294**	17,63 **188**	4,52 **209**	10,17 **236**	3,84 **86700**
70 593 03201 / 70 593 03200	3,15 **176**	2,27 **198**	1,57 **192**	4,59 **294**	17,63 **188**	4,52 **209**	10,17 **236**	3,84 **86700**
70 593 13201 / 70 593 13200	3,15 **176**	2,27 **198**	1,57 **192**	4,59 **294**	17,63 **188**	4,52 **209**	10,17 **236**	3,84 **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	B	OAL	LH	WF	torque moment	Insert	Left-hand 70 537 ... EUR 2A/24		Right-hand 70 536 ... EUR 2A/24	
	mm	mm	mm	mm	mm	Nm					
PDNN R/L 2525 M11	25	25	150	30,0	12,5	3	DN.. 1104	111,30	**125**	111,30	**125**
PDNN R/L 2525 M15	25	25	150	36,5	12,5	3,2	DN.. 1506	111,30	**025**	111,30	**025**

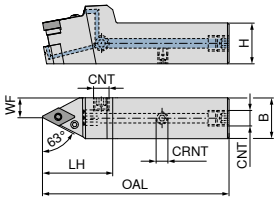
		Key I	Shim	Assembly pin	Lever	Clamping screw	Solid Carbide Seat D
		70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
Spare parts for Article no.		EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28
70 537 125 / 70 536 125	SW2,5	3,15 **175**	2,66 **122**	1,57 **191**	19,30 **121**	4,12 **208**	9,28 **120**
70 537 025 / 70 536 025	SW3	3,15 **176**	2,27 **198**	1,57 **192**	17,63 **188**	4,89 **388**	10,17 **236**

9

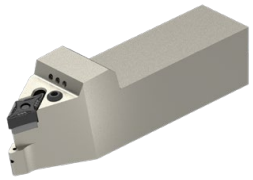
MaxiLock-N – PDNN 63° DC – Toolholder with lever clamping

Scope of supply:
Tool holder with allen key

Direct Cooling



Illustrations show right-hand versions

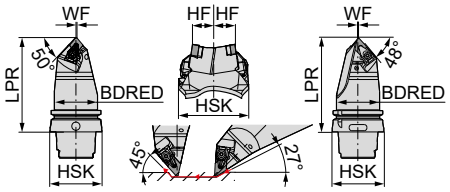


										NEW Left-hand		NEW Right-hand	
										70 594 ...		70 594 ...	
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	EUR 2A/24		EUR 2A/24	
PDNN R/L 2525 X11-T DC	25	25	114	45	12,5	M6	G1/8"	3	DN.. 1104	226,10	**02500**	226,10	**02501**
PDNN R/L 2525 X15-T DC	25	25	119	50	12,5	M6	G1/8"	3,2	DN.. 1506	226,10	**12500**	226,10	**12501**

	Key I		Shim		Assembly pin		Coolant screw plug		Lever		Clamping screw		Solid Carbide Seat D		Grubscrew	
	70 950 ...		70 950 ...		70 950 ...		70 950 ...		70 950 ...		70 950 ...		70 950 ...		70 950 ...	
Spare parts for Article no.	EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28	
70 594 02501 / 70 594 02500	3,15	**175**	2,66	**122**	1,57	**191**	4,59	**294**	19,30	**121**	4,12	**208**	9,28	**120**	3,84	**86700**
70 594 12501 / 70 594 12500	3,15	**176**	2,27	**198**	1,57	**192**	4,59	**294**	17,63	**188**	4,52	**209**	10,17	**236**	3,84	**86700**

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

Scope of supply:
Tool holder with Torx key



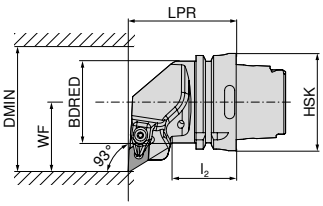
									Neutral 74 600 ...	
ISO designation	Adapter	LPR mm	BDRED mm	WF mm	HF mm	torque moment Nm	Insert		EUR 2D/80	
HSK T63 DCMN L 12 + DDMN L 15	HSK-T 63	115	53	0,5	20	4	CN.. 1204 / DN.. 1506		749,90	**501**
HSK T100 DCMN L 12 + DDMN L 15	HSK-T 100	150	88	0,5	20	4	CN.. 1204 / DN.. 1506		856,30	**701**

Face turning maximum 78 mm

	XPress type		Key D			Clamping screw		Solid Carbide Seat D		Carbide type C	
	70 950 ...		80 950 ...			70 950 ...		70 950 ...		70 950 ...	
Spare parts for Article no.	EUR 2A/28		EUR Y7			EUR 2A/28		EUR 2A/28		EUR 2A/28	
74 600 501	30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	10,17	**811**	10,17	**810**
74 600 701	30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	10,17	**811**	10,17	**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 74 516 ... EUR 2D/80		Right-hand 74 515 ... EUR 2D/80	
HSK T63 DDUN R/L 15	HSK-T 63	70	42	53	45	125	4	DN.. 1506	289,80	**515**	289,80	**515**
HSK T100 DDUN R/L 15	HSK-T 100	80	45	88	55	125	4	DN.. 1506	340,10	**715**	340,10	**715**


XPress type

Key D

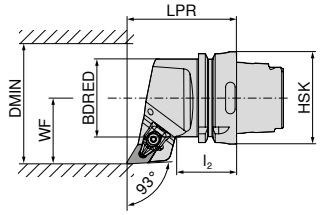

Clamping screw


Solid Carbide Seat D

Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
74 516 515 / 74 515 515	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	10,17	**811**
74 516 715 / 74 515 715	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	10,17	**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 74 512 ... EUR 2D/80		Right-hand 74 511 ... EUR 2D/80	
HSK T63 DDJN R/L 15	HSK-T 63	75	42	53	45	125	4	DN.. 1506	289,80	**515**	289,80	**515**
HSK T100 DDJN R/L 15	HSK-T 100	85	45	88	55	125	4	DN.. 1506	340,10	**715**	340,10	**715**


XPress type

Key D


Clamping screw

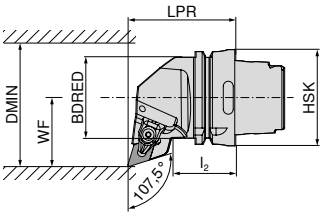

Solid Carbide Seat D

Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
74 512 515 / 74 511 515	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	10,17	**811**
74 512 715 / 74 511 715	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	10,17	**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 74 508 ... EUR 2D/80		Right-hand 74 507 ... EUR 2D/80	
HSK T63 DDHN R/L 15	HSK-T 63	70	42	53	45	125	4	DN.. 1506	289,80	**515**	289,80	**515**

XPress type

Key D

Clamping screw

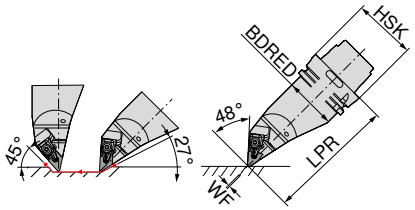
Solid Carbide Seat D

Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
74 508 515 / 74 507 515	30,06	**824**	T15 - IP 15,33	**128**	M4,5x12 - IP 3,84	**820**	10,17	**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 74 519 ... EUR 2D/80	
HSK T63 DDMN L 15	HSK-T 63	130	53	0	4	DN.. 1506	397,30	**515**
HSK T100 DDMN L 15	HSK-T 100	160	88	0	4	DN.. 1506	467,30	**715**

XPress type

Key D

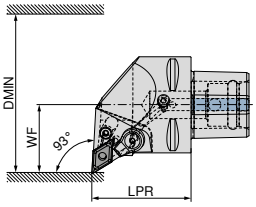
Clamping screw

Solid Carbide Seat D

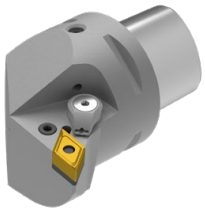
Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
74 519 515	30,06	**824**	15,33	**128**	3,84	**820**	10,17	**811**
74 519 715	30,06	**824**	15,33	**128**	3,84	**820**	10,17	**811**

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 84 661 ... EUR Y8	Right-hand 84 660 ... EUR Y8
PSC40 PDUN R/L 50050-15	PSC 40	50	27	50	5	DN.. 1504 / 1506	DC	281,60 **01595**	281,60 **01595**
PSC50 PDUN R/L 65060-15	PSC 50	60	35	65	5	DN.. 1504 / 1506	DC	310,10 **01594**	310,10 **01594**
PSC63 PDUN R/L 80065-15	PSC 63	65	45	80	5	DN.. 1504 / 1506	DC	352,00 **01593**	352,00 **01593**


Shim


Elbow lever screw

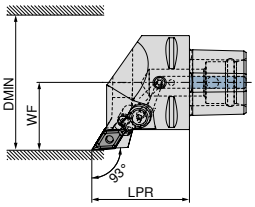

Lever


Solid Carbide Seat D

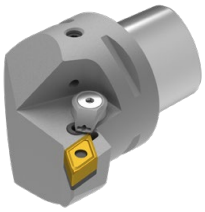
Spare parts	84 950 ... EUR Y8		84 950 ... EUR Y8	84 950 ... EUR Y8	84 950 ... EUR Y8
84 660 01593 / 84 661 01595	1,42 **29200**	M8X1/L17 SW3	5,58 **28700**	19,24 **28900**	30,22 **27900**

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 84 665 ... EUR Y8	Right-hand 84 664 ... EUR Y8
PSC40 PDJN R/L 50050-15	PSC 40	50	27	50	5	DN.. 1504 / 1506	DC	281,60 **01595**	281,60 **01595**
PSC50 PDJN R/L 65060-15	PSC 50	60	35	65	5	DN.. 1504 / 1506	DC	310,10 **01594**	310,10 **01594**
PSC63 PDJN R/L 80065-15	PSC 63	65	45	80	5	DN.. 1504 / 1506	DC	352,00 **01593**	352,00 **01593**


Shim


Elbow lever screw


Lever


Solid Carbide Seat D

Spare parts Adapter	84 950 ... EUR Y8		84 950 ... EUR Y8	84 950 ... EUR Y8	84 950 ... EUR Y8
PSC 40	1,42 **29200**	M8X1/L17 SW3	5,58 **28700**	19,24 **28900**	30,22 **27900**
PSC 50	1,42 **29200**	M8X1/L17 SW3	5,58 **28700**	19,24 **28900**	30,22 **27900**
PSC 63	1,42 **29200**	M8X1/L17 SW3	5,58 **28700**	19,24 **28900**	30,22 **27900**

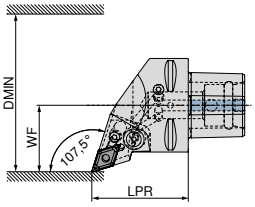
The high-performance coolant set with article number **84 950 27400** can be ordered as an optional extra → **Page 40.**

When using DN1504.. inserts Shim item no. **84 950 28200**

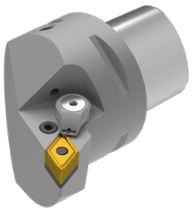
9

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 84 669 ... EUR Y8		Right-hand 84 668 ... EUR Y8	
PSC40 PDHN R/L 50050-15	PSC 40	50	27	50	5	DN.. 1504 / 1506	DC	281,60	**01595**	281,60	**01595**
PSC50 PDHN R/L 65060-15	PSC 50	60	35	65	5	DN.. 1504 / 1506	DC	310,10	**01594**	310,10	**01594**
PSC63 PDHN R/L 80065-15	PSC 63	65	45	80	5	DN.. 1504 / 1506	DC	352,00	**01593**	352,00	**01593**


Shim


Elbow lever screw

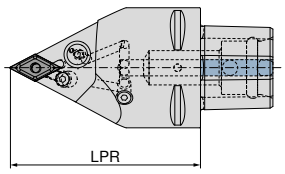

Lever


Solid Carbide Seat D

Spare parts for Article no.	84 950 ... EUR Y8		84 950 ... EUR Y8		84 950 ... EUR Y8		84 950 ... EUR Y8	
84 668 01595 / 84 669 01595	1,42	**29200**	5,58	**28700**	19,24	**28900**	30,22	**27900**
84 668 01594 / 84 669 01594	1,42	**29200**	5,58	**28700**	19,24	**28900**	30,22	**27900**
84 668 01593 / 84 669 01593	1,42	**29200**	5,58	**28700**	19,24	**28900**	30,22	**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 84 676 ... EUR Y8	
PSC63 PDNN N 0100-15	PSC 63	100	5	DN.. 1504 / 1506	DC	352,00	**01593**
PSC63 PDNN N 0130-15	PSC 63	130	5	DN.. 1504 / 1506	DC	352,00	**11593**


Shim


Elbow lever screw


Lever


Solid Carbide Seat D

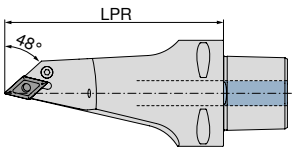
Spare parts for Article no.	84 950 ... EUR Y8		84 950 ... EUR Y8		84 950 ... EUR Y8		84 950 ... EUR Y8	
84 676 01593	1,42	**29200**	5,58	**28700**	19,24	**28900**	30,22	**27900**
84 676 11593	1,42	**29200**	5,58	**28700**	19,24	**28900**	30,22	**27900**

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

When using DN1504.. inserts Shim item no. **84 950 28200**

MaxiLock-N – PDMN 48° – 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 84 680 ... EUR Y8	
PSC63 PDMN L 0130-15	PSC 63	130	5	DN.. 1504 / 1506	DC	433,70	**11593**

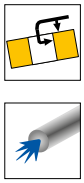
	 Shim	 Elbow lever screw	 Lever	 Solid Carbide Seat D
	84 950 ...	**84 950 ...**	**84 950 ...**	**84 950 ...**
Spare parts for Article no.	**EUR Y8**	**EUR Y8**	**EUR Y8**	**EUR Y8**
84 680 11593	1,42 **29200**	5,58 **28700**	19,24 **28900**	30,22 **27900**

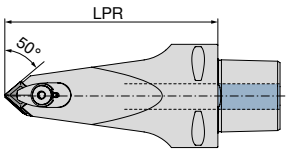
The high-performance coolant set with article number **84 950 27400** can be ordered as an optional extra → **Page 40.**

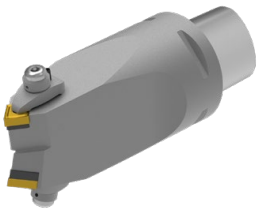
When using DN1504.. inserts Shim item no. **84 950 28200**

9

Toolholder DCMN – DDMN 50°/48°







Neutral

ISO designation	Adapter	LPR mm	torque moment Nm	Insert	84 683 ... EUR Y8	
PSC63 DCMN-DDMN L 0130-12/15	PSC 63	130	10	CN.. 1204 / DN.. 1506	551,00	**01293**

	 Clamping Screw	 Clamping claw	 Ring-shaped nozzle	 Clamping screw	 Solid Carbide Seat D	 Carbide type C
	84 950 ...	**84 950 ...**	**84 950 ...**	**84 950 ...**	**84 950 ...**	**84 950 ...**
Spare parts for Article no.	EUR Y8	EUR Y8	EUR Y8	EUR Y8	EUR Y8	EUR Y8
84 683 01293	25,14 **28300**	29,78 **28500**	9,59 **28400**	5,93 **27500**	30,22 **27900**	16,43 **27800**

High-performance coolant set

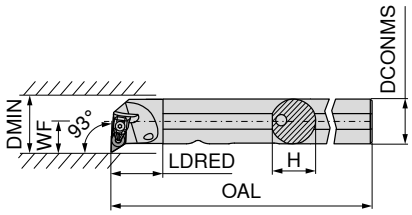
- ▲ Using the DC kit blocks the other coolant outlet so that all of the pressure is concentrated by the kit!
- ▲ Can be used up to 100 bar

Scope of supply:
Direct cooling nozzle and O-ring

	84 950 ... EUR Y8	
Coolant set	127,10	**27400**

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

Scope of supply:
Boring bar with Torx key



Illustrations show right-hand versions

									Left-hand		Right-hand	
									70 569 ...		**70 568 ...**	
ISO designation	DCONMS	H	OAL	LDRED	WF	DMIN	torque moment	Insert	**EUR**		**EUR**	
	mm	mm	mm	mm	mm	mm	Nm		2A/24		2A/24	
A25R DDUN R/L 11	25	24	200	30	17	32	2	DN.. 1104	281,10	**725**	281,10	**725**
A32S DDUN R/L 11	32	31	250	40	22	40	2	DN.. 1104	290,60	**732**	290,60	**732**
A40T DDUN R/L 15	40	39	300	45	27	50	4	DN.. 1506	323,80	**840**	323,80	**840**

XPress type

70 950 ...

Key D

80 950 ...

Clamping screw

70 950 ...

Solid Carbide Seat D

70 950 ...

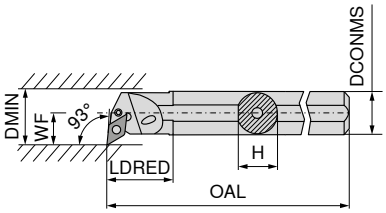
Spare parts for Article no.										
	EUR 2A/28			**EUR** Y7			**EUR** 2A/28		**EUR** 2A/28	
70 568 725 / 70 569 725	36,37	**835**	T09 - IP	14,50	**126**	M3x7 - IP	4,14	**819**	4,55	**808**
70 568 732 / 70 569 732	36,37	**835**	T09 - IP	14,50	**126**	M3x7 - IP	4,14	**819**	4,55	**808**
70 568 840 / 70 569 840	30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	10,17	**811**

9

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 ... EUR 2A/24		Right-hand 70 568 ... EUR 2A/24	
A20Q PDUN R/L 11	20	18,5	180	36	16,0	28	3	DN.. 1104	252,20	**12000**[1]	252,20	**12000**[1]
A25R PDUN R/L 11	25	23,0	200	36	18,5	32	3	DN.. 1104	281,10	**125**	281,10	**12500**[1]
A32S PDUN R/L 11	32	30,0	250	36	22,0	40	3	DN.. 1104	290,60	**13200**[1]	290,60	**132**
A32S PDUN R/L 15	32	30,0	250	50	22,0	40	3,2	DN.. 1506	290,60	**232**	290,60	**232**
A40T PDUN R/L 15	40	38,0	300	60	27,0	50	3,2	DN.. 1506	323,80	**240**	323,80	**240**
S50W PDUN R/L 15	50	47,0	450	31	35,0	63	3,2	DN.. 1506	400,70	**050**	400,70	**050**

1) nickel-plated


Key I


Shim


Assembly pin


Lever

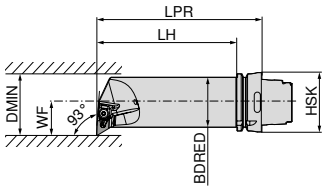

Clamping screw


Solid Carbide Seat D

Spare parts for Article no.		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 568 12000 / 70 569 12000	SW2,5	3,15	**175**					19,30	**125**	2,80	**126**		
70 568 12500 / 70 569 125	SW2,5	3,15	**175**	2,66	**122**	1,57	**191**	19,30	**121**	4,12	**208**	9,28	**120**
70 568 132 / 70 569 13200	SW2,5	3,15	**175**	2,66	**122**	1,57	**191**	19,30	**121**	4,12	**208**	9,28	**120**
70 568 232 / 70 569 232	SW3	3,15	**176**	2,27	**198**	1,57	**192**	17,63	**188**	4,52	**209**	10,17	**236**
70 568 240 / 70 569 240	SW3	3,15	**176**	2,27	**198**	1,57	**192**	17,63	**188**	4,52	**209**	10,17	**236**
70 568 050 / 70 569 050	SW3	3,15	**176**	2,27	**198**	1,57	**192**	17,63	**188**	4,89	**388**	10,17	**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 ... EUR 2D/80		Right-hand 74 532 ... EUR 2D/80	
HSK T63 50Q DDUN R/L 15	HSK-T 63	175	149	50	35	63	4	DN.. 1506	397,30	**515**	397,30	**515**


XPress type


Key D

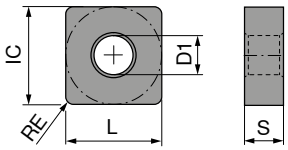

Clamping screw


Solid Carbide Seat D

Spare parts for Article no.		70 950 ... EUR 2A/28			80 950 ... EUR Y7			70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
74 533 515 / 74 532 515		30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	10,17	**811**

SNMG / SNMA / SNMM

Designation	L	S	D1	IC
	mm	mm	mm	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

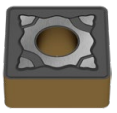
NEW

-F50 CTCP115-P	-F50 CTCP125-P	-F50 CTCP135-P	-M50 CTCP115-P	-M50 CTCP125-P	-M50 CTCP135-P
DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
					
F	F	F	M	M	M
SNMG	SNMG	SNMG	SNMG	SNMG	SNMG
76 140 ...	76 140 ...	76 140 ...	76 137 ...	76 137 ...	76 137 ...

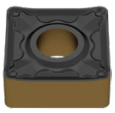
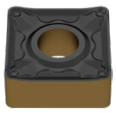
ISO	RE	EUR 1A/08		EUR 1A/08		EUR 1A/08		EUR 1A/08		EUR 1A/08		EUR 1A/08	
	mm												
090308EN	0,8	9,74	30601	9,74	50601	9,74	70601						
120404EN	0,4	15,29	31601	15,29	51601	15,29	71601						
120408EN	0,8	15,29	31801	15,29	51801	15,29	71801	15,29	31801	15,29	51801	15,29	71801
120412EN	1,2	15,29	32001	15,29	52001	15,29	72001	15,29	32001	15,29	52001	15,29	72001
120416EN	1,6							15,29	32201	15,29	52201	15,29	72201
150608EN	0,8							24,26	33001	24,26	53001	24,26	73001
150612EN	1,2							24,26	33201	24,26	53201	24,26	73201
150616EN	1,6							24,26	33401	24,26	53401	24,26	73401
P		●		●		●		●		●		●	
M						○						○	
K		○		○				○		○			
N													
S													
H													
O													

9

SNMG / SNMA

			NEW	NEW	NEW	NEW		
		-M70 CTCK110	-M70 CTCP115-P	-M70 CTCP125-P	-M70 CTCP135-P	-M70 CTCP125-P	-M70 CTCK120	CTCK110
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		M	M	M	M	R	M	R
		SNMG	SNMG	SNMG	SNMG	SNMG	SNMG	SNMA
		70 225 ...	76 225 ...	76 225 ...	76 225 ...	76 188 ...	70 225 ...	70 114 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
120408EN	0,8	15,29 018	15,29 31801	15,29 51801	15,29 71801		15,29 518	15,29 018
120412EN	1,2	15,29 020	15,29 32001	15,29 52001	15,29 72001		15,29 520	15,29 020
120416EN	1,6	15,29 022	15,29 32201	15,29 52201	15,29 72201		15,29 522	15,29 022
150612EN	1,2	24,26 032	24,26 33201	24,26 53201	24,26 73201		24,26 532	24,26 032
150616EN	1,6	24,26 034	24,26 33401	24,26 53401	24,26 73401		24,26 534	24,26 034
190612EN	1,2	34,26 044	34,26 34401	34,26 54401	34,26 74401		34,26 544	34,26 044
190616EN	1,6	34,26 046	34,26 34601	34,26 54601	34,26 74601		34,26 546	34,26 046
190624EN	2,4		34,26 34801	34,26 54801	34,26 74801			
250924EN	2,4					79,09 57001		
P		○	●	●	●	●	○	○
M					○			
K		●	○	○		○	●	●
N								
S								
H								
O								

SNMA / SNMM

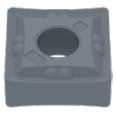
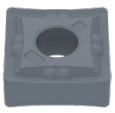
			NEW	NEW	NEW	NEW	NEW	NEW
		CTCK120	-R28 CTCP115-P	-R28 CTCP125-P	-R28 CTCP135-P	-R58 CTCP115-P	-R58 CTCP125-P	-R58 CTCP135-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		R	R	R	R	R	R	R
		SNMA	SNMM	SNMM	SNMM	SNMM	SNMM	SNMM
		70 114 ...	76 128 ...	76 128 ...	76 128 ...	76 129 ...	76 129 ...	76 129 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
120408EN	0,8	15,29 518				15,29 31801	15,29 51801	15,29 71801
120412EN	1,2	15,29 520				15,29 32001	15,29 52001	15,29 72001
120416EN	1,6	15,29 522						
150612EN	1,2	24,26 532	24,26 33201	24,26 53201	24,26 73201	24,26 33201	24,26 53201	24,26 73201
150616EN	1,6	24,26 534	24,26 33401	24,26 53401	24,26 73401	24,26 33401	24,26 53401	24,26 73401
190612EN	1,2	34,26 544				34,26 34401	34,26 54401	34,26 74401
190616EN	1,6	34,26 546	34,26 34601	34,26 54601	34,26 74601	34,26 34601	34,26 54601	34,26 74601
190624EN	2,4					34,26 34801	34,26 54801	34,26 74801
250724EN	2,4				67,34 76001	67,34 36001	67,34 56001	67,34 76001
250924EN	2,4		79,09 37001	79,09 57001	79,09 77001	79,09 37001	79,09 57001	79,09 77001
P		○	●	●	●	●	●	●
M					○			○
K		●	○	○		○	○	
N								
S								
H								
O								

SNMM

		NEW	NEW	NEW	NEW	NEW	NEW
		-R88 CTCP115-P	-R88 CTCP115-P	-R88 CTCP125-P	-R88 CTCP125-P	-R88 CTCP135-P	-R88 CTCP135-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
							
		R	R	R	R	R	R
		SNMM	SNMM	SNMM	SNMM	SNMM	SNMM
		76 130 ...	76 325 ...	76 130 ...	76 326 ...	76 130 ...	76 327 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
190616SN	1,6	34,26 34601		34,26 54601		34,26 74601	
190624SN	2,4	34,26 34801		34,26 54801		34,26 74801	
250724SN	2,4	67,34 36001		67,34 56001		67,34 76001	
250732SN	3,2		65,07 36101		65,07 56101		65,07 76101
250924SN	2,4	79,09 37001		79,09 57001		79,09 77001	
250932SN	3,2		76,43 37201		76,43 57201		76,43 77201
P		●	●	●	●	●	●
M						○	○
K		○	○	○	○		
N							
S							
H							
O							

9

SNMG

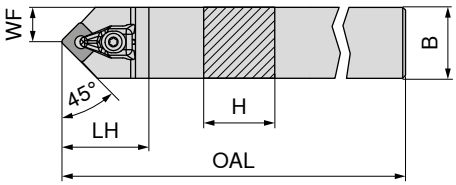
		-F30 CTCM120	-F30 CTPM125	-F30 CTCM130	-M30 CTCM120	-M30 CTPM125	-M30 CTPM125	-M30 CTCM130
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		F	F	F	M	M	M	M
		SNMG	SNMG	SNMG	SNMG	SNMG	SNMG	SNMG
		75 016 ...	75 016 ...	75 016 ...	75 017 ...	75 017 ...	75 016 ...	75 017 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
120404EN	0,4	15,29 11600	15,29 216	15,29 31600				
120408EN	0,8	15,29 11800	15,29 218	15,29 31800	15,29 11800	15,29 218		15,29 31800
120412EN	1,2				15,29 12000		15,29 220	15,29 32000
P		○	○	○	○	○	○	○
M		●	●	●	●	●	●	●
K								
N								
S				○				○
H								
O								

SNMG

		NEW				NEW	
		-M42 CTCM130	-M60 CTCM120	-M60 CTPM125	-M60 CTCM130	-M70 CTCM130	-M34 CTPX710
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
							
		M	M	M	M	M	M
		SNMG	SNMG	SNMG	SNMG	SNMG	SNMG
		75 034 ...	75 018 ...	75 018 ...	75 018 ...	75 039 ...	75 005 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
120408EN	0,8	15,29 31800	15,29 11800	15,29 218	15,29 31800	15,29 31800	16,02 61800
120412EN	1,2	15,29 32000	15,29 12000	15,29 210	15,29 32000	15,29 32000	16,02 62000
120416EN	1,6		15,29 12200	15,29 220	15,29 32200		
190616EN	1,6					34,26 34600	
P		○	○	○	○	○	●
M		●	●	●	●	●	●
K							
N							○
S		○			○	○	●
H							
O							

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

Scope of supply:
Tool holder with Torx key



ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Neutral 70 516 ... EUR 2A/24	
DSDN N 2020 K12	20	20	125	38	10,3	4	SN.. 1204	107,60	**620**
DSDN N 2525 M12	25	25	150	38	12,5	4	SN.. 1204	111,30	**625**


XPress type


Key D

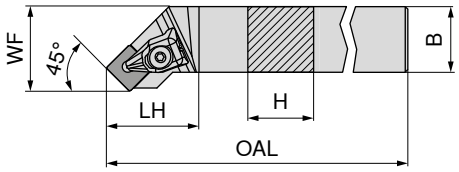

Clamping screw


Solid Carbide support S

Spare parts for Article no.	70 950 ... EUR 2A/28			80 950 ... EUR Y7			70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 516 620	30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	10,17	**813**
70 516 625	30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	10,17	**813**

MaxiLock-D – DSSN 45° – 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 70 513 ... EUR 2A/24		Right-hand 70 512 ... EUR 2A/24	
DSSN R/L 2020 K12	20	20	125	35	25	4	SN.. 1204	107,60	**620**	107,60	**620**
DSSN R/L 2525 M12	25	25	150	35	32	4	SN.. 1204	111,30	**625**	111,30	**625**
DSSN R/L 3225 P12	32	25	170	35	32	4	SN.. 1204	119,40	**632**	119,40	**632**


XPress type


Key D

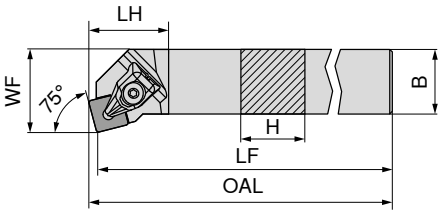

Clamping screw


Solid Carbide support S

Spare parts for Article no.	70 950 ... EUR 2A/28			80 950 ... EUR Y7			70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 512 620 / 70 513 620	30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	10,17	**813**
70 512 625 / 70 513 625	30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	10,17	**813**
70 512 632 / 70 513 632	30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	10,17	**813**

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

Scope of supply:
Tool holder with Torx key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LF mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand 70 525 ... EUR 2A/24		Right-hand 70 524 ... EUR 2A/24	
DSKN R/L 2525 M12	25	25	153,3	150	28	32	4	SN.. 1204	111,30	**625**	111,30	**625**

XPress type

Key D

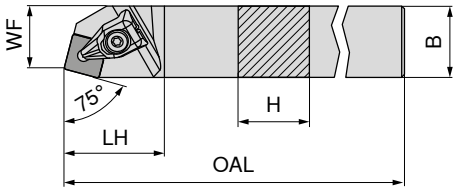
Clamping screw

Solid Carbide support S

Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 525 625 / 70 524 625	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	10,17	**813**

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

Scope of supply:
Tool holder with Torx key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Right-hand 70 520 ... EUR 2A/24	
DSBN R 2020 K12	20	20	125	35	17	4	SN.. 1204	107,60	**620**
DSBN R 2525 M12	25	25	150	35	22	4	SN.. 1204	111,30	**625**
DSBN R 2525 M15	25	25	150	42	22	6,5	SN.. 1506	111,30	**725**
DSBN R 3232 P15	32	32	170	42	27	6,5	SN.. 1506	150,30	**832**
DSBN R 3232 P19	32	32	170	48	27	6,5	SN.. 1906	150,30	**732**
DSBN R 4040 S19	40	40	250	48	35	6,5	SN.. 1906	186,80	**840**
DSBN R 4040 S25	40	40	250	57	35	6,5	SN.. 2507 / SN.. 2509	186,80	**940**

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

XPress type

Key D

Clamping screw

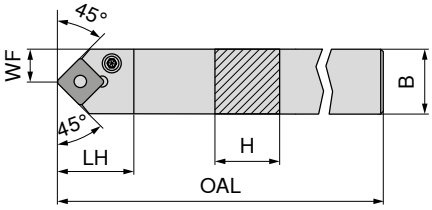
Solid Carbide support S

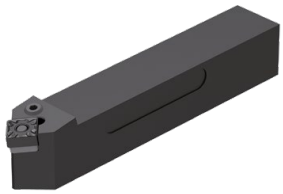
Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 520 620	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	10,17	**813**
70 520 625	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	10,17	**813**
70 520 725	33,74	**825**	T20 - IP	16,17 **129**	M5x14 - IP	5,46 **821**	15,53	**833**
70 520 832	33,74	**825**	T20 - IP	16,17 **129**	M5x14 - IP	5,46 **821**	15,53	**833**
70 520 732	36,92	**826**	T20 - IP	16,17 **129**	M5x14 - IP	5,46 **821**	16,64	**817**
70 520 840	36,92	**826**	T20 - IP	16,17 **129**	M5x14 - IP	5,46 **821**	16,64	**817**
70 520 940	58,62	**827**	T25 - IP	13,25 **122**	M6x16 - IP	10,37 **822**	31,08	**818**

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

Scope of supply:

Tool holder with allen key





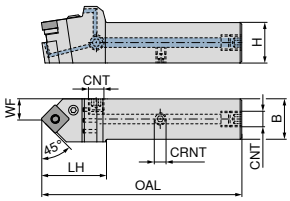
ISO designation	H	B	OAL	LH	WF	torque moment	Insert	Neutral 70 516 ... EUR 2A/24	
	mm	mm	mm	mm	mm	Nm			
PSDN N 2020 K12	20	20	125	27,6	10,3	4	SNM. 1204	107,60	**020**
PSDN N 2525 M12	25	25	150	27,6	12,8	4	SNM. 1204	111,30	**025**
PSDN N 3225 P19	32	25	170	40,4	12,5	8	SNM. 1906	119,40	**03200**
PSDN N 4040 S25	40	40	250	48,8	20,0	8	SNM. 2507 / 2509	186,80	**04000**

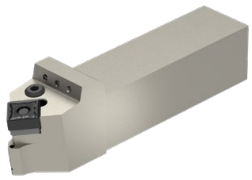
When using SN.. 2509 indexable inserts, use insert seat article no. 70 950 40200.

		Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide support S	
		70 950 ...		70 950 ...		70 950 ...		70 950 ...		70 950 ...		70 950 ...	
Spare parts for Article no.		EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28	
70 516 020	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	7,88	**230**
70 516 025	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	7,88	**230**
70 516 03200	SW4	3,32	**396**	2,27	**392**	1,57	**395**	24,65	**386**	4,89	**389**	24,77	**383**
70 516 04000	SW5	4,75	**265**	1,45	**621**	2,43	**623**	33,31	**620**	2,93	**622**	50,93	**27600**

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

Scope of supply:
Tool holder with allen key





NEW
Neutral

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	70 596 ... EUR 2A/24	
PSDN N 2020 X12-T DC	20	20	109	40	11,5	M6	G1/8"	4	SNM. 1204	214,80	**02000**
PSDN N 2525 X12-T DC	25	25	124	40	13,3	M6	G1/8"	4	SNM. 1204	226,10	**02500**
PSDN N 2525 X15-T DC	25	25	134	50	13,7	M6	G1/8"	4	SNM. 1506	226,10	**12500**
PSDN N 3225 X15-T DC	32	25	150	50	13,7	M6	G1/8"	4	SNM. 1506	237,40	**03200**
PSDN N 3225 X19-T DC	32	25	152	52	13,7	M6	G1/8"	8	SNM. 1906	237,40	**13200**
PSDN N 4040 X25-T DC	40	40	190	65	22,4	M6	G1/8"	8	SNM. 2507 / 2509	271,30	**04000**

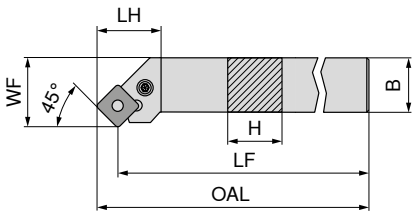
When using SN.. 2509 indexable inserts, use insert seat article no. 70 950 40200.

	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 ...
Spare parts for Article no.	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28
70 596 02000	3,15 **176**	2,27 **198**	1,57 **192**	4,59 **294**	16,23 **187**	4,52 **209**	7,88 **230**	3,84 **86700**
70 596 02500	3,15 **176**	2,27 **198**	1,57 **192**	4,59 **294**	16,23 **187**	4,52 **209**	7,88 **230**	3,84 **86700**
70 596 12500	3,15 **176**	1,45 **391**	1,57 **394**	4,59 **294**	16,08 **385**	4,89 **388**	16,08 **382**	3,84 **86700**
70 596 03200	3,15 **176**	1,45 **391**	1,57 **394**	4,59 **294**	16,08 **385**	4,89 **388**	16,08 **382**	3,84 **86700**
70 596 13200	3,32 **396**	2,27 **392**	1,57 **395**	4,59 **294**	24,65 **386**	4,89 **389**	24,77 **383**	3,84 **86700**
70 596 04000	4,75 **265**	1,45 **621**	2,43 **623**	4,59 **294**	33,31 **620**	2,93 **622**	50,93 **27600**	3,84 **86700**

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

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

ISO designation	H	B	OAL	LF	LH	WF	torque moment	Insert	Left-hand 70 513 ... EUR 2A/24		Right-hand 70 512 ... EUR 2A/24	
	mm	mm	mm	mm	mm	mm	Nm					
PSSN R/L 1616 H09	16	16	106,7	100	23,6	20	3	SNM. 0903	96,54	**016**	96,54	**01600**[1)]
PSSN R/L 2020 K12	20	20	134,0	125	27,3	25	4	SNM. 1204	107,60	**020**	107,60	**020**
PSSN R/L 2525 M12	25	25	159,0	150	29,3	32	4	SNM. 1204	111,30	**025**	111,30	**025**
PSSN R/L 3225 P12	32	25	179,0	170	29,3	32	4	SNM. 1204	119,40	**032**	119,40	**032**
PSSN R 2525 M15	25	25	161,2	150	32,5	32	4	SNM. 1506			111,30	**125**
PSSN R 3232 P15	32	32	181,2	170	38,9	40	4	SNM. 1506			150,30	**132**
PSSN R 3232 P19	32	32	183,5	170	41,2	40	8	SNM. 1906			150,30	**232**
PSSN L 3232 P19	32	32	183,5	170	40,2	40	8	SNM. 1906	150,30	**232**		
PSSN R 4040 S25	40	40	268,0	250	50,8	50	8	SNM. 2507 / 2509			183,30	**04000**

1) nickel-plated

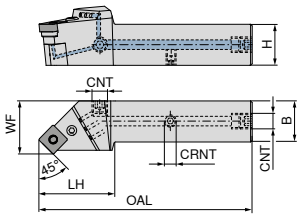
When using SN.. 2509 indexable inserts, use insert seat article no. 70 950 40200.

Spare parts for Article no.		Key I 70 950 ... EUR 2A/28		Shim 70 950 ... EUR 2A/28		Assembly pin 70 950 ... EUR 2A/28		Lever 70 950 ... EUR 2A/28		Clamping screw 70 950 ... EUR 2A/28		Solid Carbide support S 70 950 ... EUR 2A/28	
70 512 01600 / 70 513 016	SW2,5	3,15	**175**	2,27	**197**	1,57	**191**	16,08	**185**	4,12	**208**	7,88	**229**
70 512 020 / 70 513 020	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	7,88	**230**
70 512 025 / 70 513 025	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	7,88	**230**
70 512 032 / 70 513 032	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	7,88	**230**
70 512 125	SW3	3,15	**176**	1,45	**391**	1,57	**394**	16,08	**385**	4,89	**388**	16,08	**382**
70 512 132	SW3	3,15	**176**	1,45	**391**	1,57	**394**	16,08	**385**	4,89	**388**	16,08	**382**
70 512 232	SW4	3,32	**396**	2,27	**392**	1,57	**395**	24,65	**386**	4,89	**389**	24,77	**383**
70 513 232	SW4	3,32	**396**	2,27	**392**	1,57	**395**	24,65	**386**	4,89	**389**	24,77	**383**
70 512 04000	SW5	4,75	**265**	1,45	**621**	2,43	**623**	33,31	**620**	2,93	**622**	50,93	**27600**

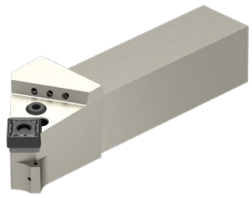
MaxiLock-N – PSSN 45° DC – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions



ISO designation	H	B	OAL	LH	WF	CRNT	CNT	torque moment	Insert	NEW Left-hand 70 597 ... EUR 2A/24		NEW Right-hand 70 597 ... EUR 2A/24	
	mm	mm	mm	mm	mm			Nm					
PSSN R/L 2020 X12-T DC	20	20	111,9	42,9	25	M6	G1/8"	4	SNM. 1204	214,80	**02000**	214,80	**02001**
PSSN R/L 2525 X12-T DC	25	25	129,9	45,9	32	M6	G1/8"	4	SNM. 1204	226,10	**02500**	226,10	**02501**
PSSN R/L 3225 X12-T DC	32	25	145,9	45,9	32	M6	G1/8"	4	SNM. 1204	237,40	**03200**	237,40	**03201**
PSSN R 2525 X15-T DC	25	25	131,5	47,5	32	M6	G1/8"	4	SNM. 1506			226,10	**12501**
PSSN R 3232 X15-T DC	32	32	145,9	45,9	40	M6	G1/8"	4	SNM. 1506			248,70	**13201**
PSSN R/L 3232 X19-T DC	32	32	151,8	51,8	40	M6	G1/8"	8	SNM. 1906	248,70	**13200**	248,70	**23201**
PSSN R 4040 X25-T DC	40	40	189,6	64,6	50	M6	G1/8"	8	SNM. 2507 / 2509			271,30	**04001**

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

Key I

70 950 ...

Shim

70 950 ...

Assembly pin

70 950 ...

Coolant screw plug

70 950 ...

Lever

70 950 ...

Clamping screw

70 950 ...

Solid Carbide support S

70 950 ...

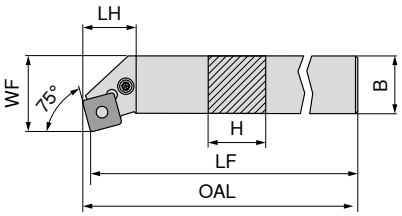
Grubscrew

70 950 ...

Spare parts for Article no.	EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28	
70 597 02001 / 70 597 02000	3,15	**176**	2,27	**198**	1,57	**192**	4,59	**294**	16,23	**187**	4,52	**209**	7,88	**230**	3,84	**86700**
70 597 02501 / 70 597 02500	3,15	**176**	2,27	**198**	1,57	**192**	4,59	**294**	16,23	**187**	4,52	**209**	7,88	**230**	3,84	**86700**
70 597 03201 / 70 597 03200	3,15	**176**	2,27	**198**	1,57	**192**	4,59	**294**	16,23	**187**	4,52	**209**	7,88	**230**	3,84	**86700**
70 597 12501	3,15	**176**	1,45	**391**	1,57	**394**	4,59	**294**	16,08	**385**	4,89	**388**	16,08	**382**	3,84	**86700**
70 597 13201	3,15	**176**	1,45	**391**	1,57	**394**	4,59	**294**	16,08	**385**	4,89	**388**	16,08	**382**	3,84	**86700**
70 597 23201 / 70 597 13200	3,32	**396**	2,27	**392**	1,57	**395**	4,59	**294**	24,65	**386**	4,89	**389**	24,77	**383**	3,84	**86700**
70 597 04001	4,75	**265**	1,45	**621**	2,43	**623**	4,59	**294**	33,31	**620**	2,93	**622**	50,93	**27600**	3,84	**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 70 525 ... EUR 2A/24		Right-hand 70 524 ... EUR 2A/24	
PSKN R/L 1616 H09	16	100	16	102,5	18,7	20	3	SNM. 0903	96,54	**016**	96,54	**016**
PSKN R/L 2020 K12	20	125	20	128,3	24,1	25	4	SNM. 1204	107,60	**020**	107,60	**020**
PSKN R/L 2525 M12	25	150	25	153,3	24,1	32	4	SNM. 1204	111,30	**025**	111,30	**025**
PSKN R/L 3225 P12	32	170	25	173,1	24,1	32	4	SNM. 1204	119,40	**03200**	119,40	**03200**
PSKN R 4040 S19	40	250	40	254,6	38,3	50	8	SNM. 1906			186,80	**04000**


Key I


Shim


Assembly pin


Lever

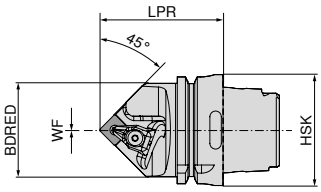

Clamping screw


Solid Carbide support S

Spare parts for Article no.		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 524 016 / 70 525 016	SW2,5	3,15	**175**	2,27	**197**	1,57	**191**	16,08	**185**	4,12	**208**	7,88	**229**
70 524 020 / 70 525 020	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	7,88	**230**
70 524 025 / 70 525 025	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	7,88	**230**
70 524 03200 / 70 525 03200	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	7,88	**230**
70 524 04000	SW4	3,32	**396**	2,27	**392**	1,57	**395**	24,65	**386**	4,89	**389**	24,77	**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 74 522 ... EUR 2D/80	
HSK T63 DSDN N 12	HSK-T 63	70	53	0	4	SN.. 1204	289,80	**512**
HSK T63 DSDN N 15	HSK-T 63	75	53	0	4	SN.. 1506	289,80	**515**
HSK T100 DSDN N 12	HSK-T 100	80	88	0	4	SN.. 1204	340,10	**712**
HSK T100 DSDN N 19	HSK-T 100	85	88	0	8	SN.. 1906	340,10	**719**


XPress type

Key D

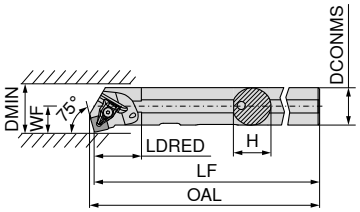

Clamping screw


Solid Carbide support S

Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
74 522 512	30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	10,17	**813**
74 522 515	33,74	**825**	T20 - IP	16,17	**129**	M5x14 - IP	5,46	**821**	15,53	**833**
74 522 712	30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	10,17	**813**
74 522 719	36,92	**826**	T20 - IP	16,17	**129**	M5x14 - IP	5,46	**821**	16,64	**817**

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

Scope of supply:
Boring bar with Torx key



Illustrations show right-hand versions

ISO designation	DCONMS mm	H mm	LF mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 561 ... EUR 2A/24		Right-hand 70 560 ... EUR 2A/24	
A32S DSKN R/L 12	32	31	250	254,2	40	22	40	4	SN.. 1204	290,60	**832**	290,60	**832**

XPress type

Key D

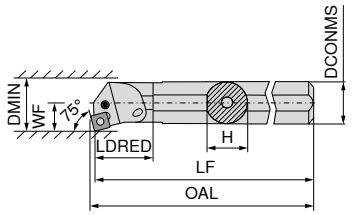
Clamping screw

Solid Carbide support S

Spare parts for Article no.		70 950 ... EUR 2A/28			80 950 ... EUR Y7			EUR 2A/28		EUR 2A/28	
70 560 832 / 70 561 832		30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	10,17	**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 70 561 ... EUR 2A/24		Right-hand 70 560 ... EUR 2A/24	
A25R PSKN R/L 12	25	23	200	203	36	17	32	4	SNM. 1204	281,10	**225**	281,10	**225**
A32S PSKN R/L 12	32	30	250	253	50	22	40	4	SNM. 1204	290,60	**232**	290,60	**232**
A40T PSKN R/L 12	40	38	300	303	60	27	50	4	SNM. 1204	323,80	**240**	323,80	**240**

Key I

Shim

Assembly pin

Lever

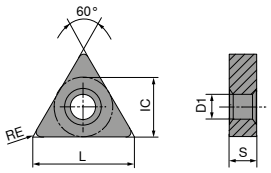
Clamping screw

Solid Carbide support S

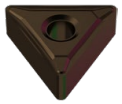
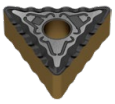
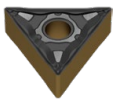
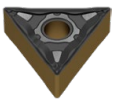
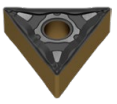
Spare parts for Article no.		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 561 225 / 70 560 225	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	5,52	**205**	7,88	**230**
70 561 232 / 70 560 232	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	5,52	**205**	7,88	**230**
70 561 240 / 70 560 240	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	7,88	**230**

TNMG / TNMA / TNMM

Designation	L	S	D1	IC
	mm	mm	mm	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 CTCP135-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		F	F	F	F	M	M	M
		CERMET TNMG	TNMG	TNMG	TNMG	TNMG	TNMG	TNMG
		76 149 ...	76 146 ...	76 146 ...	76 146 ...	76 138 ...	76 138 ...	76 138 ...
ISO	RE mm	EUR 1A/78	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
110304EN	0,4		8,46 30401	8,46 50401	8,46 70401			
110308EN	0,8		8,46 30601	8,46 50601	8,46 70601			
160404EN	0,4	13,29 016	13,40 31601	13,40 51601	13,40 71601	13,40 31601	13,40 51601	13,40 71601
160408EN	0,8	13,29 018	13,40 31801	13,40 51801	13,40 71801	13,40 31801	13,40 51801	13,40 71801
160412EN	1,2	13,29 020	13,40 32001	13,40 52001	13,40 72001	13,40 32001	13,40 52001	13,40 72001
220408EN	0,8					18,09 33001	18,09 53001	18,09 73001
220412EN	1,2					18,09 33201	18,09 53201	18,09 73201
P		●	●	●	●	●	●	●
M		○			○			○
K		○	○	○		○	○	
N								
S								
H								
O								

9

TNMG

				NEW		NEW		NEW		NEW		NEW			
		-M70 CTCK110		-M70 CTCK120		-M70 CTCP115-P		-M70 CTCP125-P		-M70 CTCP135-P		CTCP125-P		CTCP135-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		M		M		M		M		M		M		M	
		TNMG		TNMG		TNMG		TNMG		TNMG		TNMG		TNMG	
		70 155 ...		70 155 ...		76 155 ...		76 155 ...		76 155 ...		76 142 ...		76 142 ...	
ISO	RE mm	EUR 1A/08		EUR 1A/08		EUR 1A/08		EUR 1A/08		EUR 1A/08		EUR 1A/08		EUR 1A/08	
160404ER	0,4											13,40	51601	13,40	71601
160408EL	0,8											13,40	51801		
160408EN	0,8	13,40	018	13,40	518	13,40	31801	13,40	51801	13,40	71801				
160408ER	0,8											13,40	51701	13,40	71801
160412EN	1,2	13,40	020	13,40	520	13,40	32001	13,40	52001	13,40	72001				
220404EN	0,4							18,09	52801						
220408EN	0,8	18,09	030	18,09	530	18,09	33001	18,09	53001	18,09	73001				
220412EN	1,2	18,09	032	18,09	532	18,09	33201	18,09	53201	18,09	73201				
220416EN	1,6	18,09	034	18,09	534	18,09	33401	18,09	53401	18,09	73401				
P		○		○		●		●		●		●		●	
M										○				○	
K		●		●		○		○				○			
N															
S															
H															
O															

TNMA / TNMM

						NEW		NEW		NEW		NEW		NEW	
		CTCK110		CTCK120		-R28 CTCP115-P		-R28 CTCP125-P		-R28 CTCP135-P		-R58 CTCP115-P		-R58 CTCP125-P	
		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
		R		M		R		R		R		R		R	
		TNMA		TNMA		TNMM		TNMM		TNMM		TNMM		TNMM	
		70 134 ...		70 134 ...		76 154 ...		76 154 ...		76 154 ...		76 152 ...		76 152 ...	
ISO	RE mm	EUR 1A/08		EUR 1A/08		EUR 1A/08		EUR 1A/08		EUR 1A/08		EUR 1A/08		EUR 1A/08	
160408EN	0,8	13,40	018	13,40	518										
160412EN	1,2	13,40	020	13,40	520										
160416EN	1,6	13,40	022	13,40	522										
220408EN	0,8	18,09	030	18,09	530										
220412EN	1,2	18,09	032	18,09	532							18,09	33201	18,09	53201
220416EN	1,6	18,09	034	18,09	534	18,09	33401	18,09	53401	18,09	73401				
P		○		○		●		●		●		●		●	
M										○					
K		●		●		○		○				○		○	
N															
S															
H															
O															

TNMM / TNMG

ISO	RE mm	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 ...
		EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
160404EN	0,4		13,40 11600	13,40 216	13,40 31600			
160408EN	0,8		13,40 11800	13,40 218	13,40 31800	13,40 11800	13,40 218	13,40 31800
160412EN	1,2					13,40 12000	13,40 220	13,40 32000
220412EN	1,2	18,09 73201						
P		●	○	○	○	○	○	○
M		○	●	●	●	●	●	●
K								
N								
S					○			○
H								
O								

TNMG

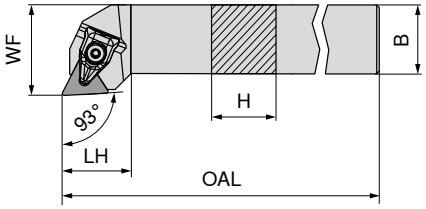
9

ISO	RE mm	NEW -M42 CTCM130	-M60 CTCM120	-M60 CTPM125	-M60 CTCM130	NEW -M70 CTCM130	-M34 CTPX710
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
							
		M	M	M	M	M	M
		TNMG	TNMG	TNMG	TNMG	TNMG	TNMG
		75 035 ...	75 021 ...	75 021 ...	75 021 ...	75 040 ...	75 006 ...
		EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
160404EN	0,4	13,40 31600					
160408EN	0,8	13,40 31800	13,40 11800	13,40 218	13,40 31800	13,40 31800	13,29 61800
160412EN	1,2		13,40 12000	13,40 220	13,40 32000	13,40 32000	
220404EN	0,4						19,11 62800
220408EN	0,8						19,11 63000
220412EN	1,2					18,09 33200	
220416EN	1,6						19,11 63400
P		○	○	○	○	○	●
M		●	●	●	●	●	●
K							
N							○
S		○			○	○	●
H							
O							

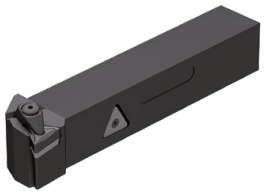
MaxiLock-D – DTJN 93° – Toolholder with top clamping

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	Left-hand 70 591 ... EUR 2A/24		Right-hand 70 590 ... EUR 2A/24	
DTJN R/L 2020 K16	20	20	125	23	25	2	TNM. 1604	107,60	**820**	107,60	**820**
DTJN R/L 2525 M16	25	25	150	24	32	2	TNM. 1604	111,30	**825**	111,30	**825**

XPress type

Key D

Clamping screw

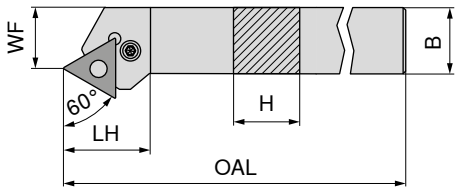
Solid Carbide Seat T

Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 590 820 / 70 591 820	30,48	**823**	T09 - IP	14,50 **126**	M3x7 - IP	4,14 **819**	8,96	**847**
70 590 825 / 70 591 825	30,48	**823**	T09 - IP	14,50 **126**	M3x7 - IP	4,14 **819**	8,96	**847**

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

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand 70 529 ... EUR 2A/24		Right-hand 70 528 ... EUR 2A/24	
PTTN R/L 2020 K16	20	20	125	25,9	17	3	TNM. 1604	107,60	**020**	107,60	**020**
PTTN R/L 2525 M22	25	25	150	32,7	22	4	TNM. 2204	111,30	**025**	111,30	**025**

Key I

Shim

Assembly pin

Lever

Clamping screw

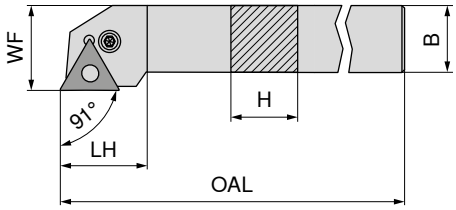
Solid Carbide Seat T

Spare parts for Article no.		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 529 020 / 70 528 020	SW2,5	3,15	**175**	2,27	**197**	1,57	**191**	16,08	**185**	4,12 **208**	8,96 **225**
70 529 025 / 70 528 025	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52 **209**	12,81 **226**

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

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand 70 533 ... EUR 2A/24		Right-hand 70 532 ... EUR 2A/24	
PTGN R/L 1616 H16	16	16	100	20	20	3	TNM. 1604	96,54	**016**	96,54	**016**
PTGN R/L 2020 K16	20	20	125	20	25	3	TNM. 1604	107,60	**020**	107,60	**020**
PTGN R/L 2525 M16	25	25	150	22	32	3	TNM. 1604	111,30	**025**	111,30	**025**
PTGN R/L 3225 P16	32	25	170	22	32	3	TNM. 1604	119,40	**032**	119,40	**032**
PTGN R/L 2525 M22	25	25	150	29	32	4	TNM. 2204	111,30	**125**	111,30	**125**
PTGN R/L 3232 P22	32	32	170	29	40	4	TNM. 2204	150,30	**132**	150,30	**132**

Key I

Shim

Assembly pin

Lever

Clamping screw

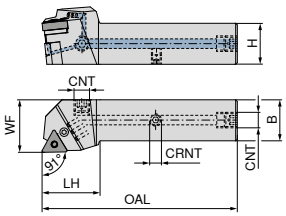
Solid Carbide Seat T

Spare parts for Article no.		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 532 016 / 70 533 016	SW2,5	3,15	**175**	2,27	**197**	1,57	**191**	16,08	**185**	4,12	**208**	8,96	**225**
70 532 020 / 70 533 020	SW2,5	3,15	**175**	2,27	**197**	1,57	**191**	16,08	**185**	4,12	**208**	8,96	**225**
70 532 025 / 70 533 025	SW2,5	3,15	**175**	2,27	**197**	1,57	**191**	16,08	**185**	4,12	**208**	8,96	**225**
70 532 032 / 70 533 032	SW2,5	3,15	**175**	2,27	**197**	1,57	**191**	16,08	**185**	4,12	**208**	8,96	**225**
70 532 125 / 70 533 125	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	12,81	**226**
70 532 132 / 70 533 132	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	12,81	**226**

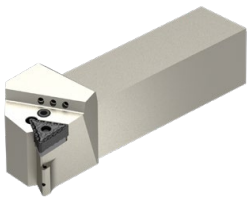
MaxiLock-N – PTGN 91° DC – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions



ISO designation	H	B	OAL	LH	WF	CRNT	CNT	torque moment	Insert	NEW Left-hand 70 598 ... EUR 2A/24		NEW Right-hand 70 598 ... EUR 2A/24	
	mm	mm	mm	mm	mm			Nm					
PTGN R/L 2020 X16-T DC	20	20	101	32	25	M6	G1/8"	3	TNM. 1604	214,80	**02000**	214,80	**02001**
PTGN R/L 2525 X16-T DC	25	25	119	35	32	M6	G1/8"	3	TNM. 1604	226,10	**02500**	226,10	**02501**
PTGN R/L 3225 X16-T DC	32	25	136	36	32	M6	G1/8"	3	TNM. 1604	237,40	**03200**	237,40	**03201**
PTGN R/L 2525 X22-T DC	25	25	122	38	32	M6	G1/8"	4	TNM. 2204	226,10	**12500**	226,10	**12501**
PTGN R/L 3232 X22-T DC	32	32	138	38	40	M6	G1/8"	4	TNM. 2204	248,70	**13200**	248,70	**13201**


Key I


Shim

Assembly pin


Coolant screw plug


Lever


Clamping screw


Solid Carbide Seat T

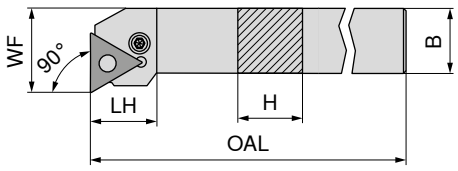

Grubscrew

Spare parts for Article no.	70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 598 02001 / 70 598 02000	3,15	**175**	2,27	**197**	1,57	**192**	4,59	**294**	16,08	**185**	4,12	**208**	8,96	**225**	3,84	**86700**
70 598 02501	3,15	**175**	2,27	**197**	1,57	**192**	4,59	**294**	16,08	**185**	4,12	**208**	8,96	**225**	3,84	**86700**
70 598 02500	3,15	**175**	2,27	**197**	1,57	**191**	4,59	**294**	16,08	**185**	4,12	**208**	8,96	**225**	3,84	**86700**
70 598 03201 / 70 598 03200	3,15	**175**	2,27	**197**	1,57	**192**	4,59	**294**	16,08	**185**	4,12	**208**	8,96	**225**	3,84	**86700**
70 598 12501 / 70 598 12500	3,15	**176**	2,27	**198**	1,57	**192**	4,59	**294**	16,23	**187**	4,52	**209**	12,81	**226**	3,84	**86700**
70 598 13201 / 70 598 13200	3,15	**176**	2,27	**198**	1,57	**192**	4,59	**294**	16,23	**187**	4,52	**209**	12,81	**226**	3,84	**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	B	OAL	LH	WF	torque moment	Insert	Left-hand 70 535 ... EUR 2A/24		Right-hand 70 534 ... EUR 2A/24	
	mm	mm	mm	mm	mm	Nm					
PTFN R/L 1616 H16	16	16	100	19,7	20	3	TNM. 1604	96,54	**016**	96,54	**016**
PTFN R/L 2020 K16	20	20	125	20,2	25	3	TNM. 1604	107,60	**020**	107,60	**020**
PTFN R/L 2525 M16	25	25	150	20,2	32	3	TNM. 1604	111,30	**025**	111,30	**025**
PTFN R/L 2525 M22	25	25	150	25,2	32	4	TNM. 2204	111,30	**125**	111,30	**125**
PTFN R/L 3225 P22	32	25	170	25,2	32	4	TNM. 2204	119,40	**132**	119,40	**132**


Key I


Shim

Assembly pin


Lever


Clamping screw

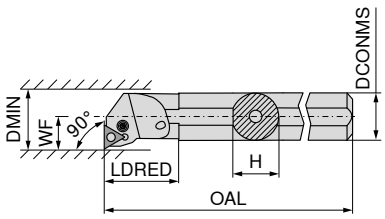

Solid Carbide Seat T

Spare parts for Article no.		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 534 016 / 70 535 016	SW2,5	3,15	**175**	2,27	**197**	1,57	**191**	16,08	**185**	4,12	**208**	8,96	**225**
70 534 020 / 70 535 020	SW2,5	3,15	**175**	2,27	**197**	1,57	**191**	16,08	**185**	4,12	**208**	8,96	**225**
70 534 025 / 70 535 025	SW2,5	3,15	**175**	2,27	**197**	1,57	**191**	16,08	**185**	4,12	**208**	8,96	**225**
70 534 125 / 70 535 125	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	12,81	**226**
70 534 132 / 70 535 132	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	12,81	**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



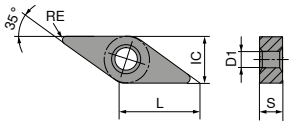
Illustrations show right-hand versions

									Left-hand		Right-hand	
									70 565 ...		**70 564 ...**	
ISO designation	DCONMS	H	OAL	LDRED	WF	DMIN	torque moment	Insert	**EUR**		**EUR**	
	mm	mm	mm	mm	mm	mm	Nm		2A/24		2A/24	
S25T PTFN R 16	25	23	300	36	17	32	3	TNM. 1604			281,10	**02500**
A25R PTFN R/L 16	25	23	200	36	17	32	3	TNM. 1604	281,10	**225**	281,10	**225**
A32S PTFN R/L 16	32	30	250	50	22	40	3	TNM. 1604	290,60	**232**	290,60	**232**
A40T PTFN R/L 22	40	38	300	60	27	50	4	TNM. 2204	323,80	**240**	323,80	**240**
S50W PTFN R 22	50	47	450	35	35	63	4	TNM. 2204			400,70	**050**

	 Key I		 Shim		Assembly pin		 Lever		 Clamping screw		 Solid Carbide Seat T	
	70 950 ...		**70 950 ...**		**70 950 ...**		**70 950 ...**		**70 950 ...**		**70 950 ...**	
Spare parts for Article no.	**EUR** 2A/28		**EUR** 2A/28		**EUR** 2A/28		**EUR** 2A/28		**EUR** 2A/28		**EUR** 2A/28	
70 564 02500	3,15	**175**	2,27	**197**	1,57	**191**	16,08	**185**	4,12	**208**	8,96	**225**
70 564 225 / 70 565 225	3,15	**175**	2,27	**197**	1,57	**191**	16,08	**185**	4,12	**208**	8,96	**225**
70 564 232 / 70 565 232	3,15	**175**	2,27	**197**	1,57	**191**	16,08	**185**	4,12	**208**	8,96	**225**
70 564 240 / 70 565 240	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	12,81	**226**
70 564 050	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	12,81	**226**

VNMG

Designation	L	S	D1	IC
	mm	mm	mm	mm
VNMG 1604..	16,6	4,76	3,81	9,52



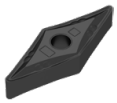
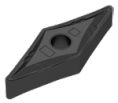
VNMG

	NEW	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	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
160404EN 0,4	27,06 51601	27,06 31601	27,06 51601	27,06 71601	26,99 31601	26,99 51601	27,06 51601
160408EN 0,8	27,06 51801	27,06 31801	27,06 51801	27,06 71801	26,99 31801	26,99 51801	27,06 51801
P	●	●	●	●	●	●	●
M				○			
K	○	○	○		○	○	○
N							
S							
H							
O							

VNMG

	NEW		NEW	NEW			
	-M50 CTCK110	-M50 CTCK120	-M50 CTCP115-P	-M50 CTCP125-P	-F30 CTCM120	-F30 CTPM125	-F30 CTCM130
	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
	M VNMG	M VNMG	M VNMG	M VNMG	F VNMG	F VNMG	F VNMG
	70 190 ...	70 131 ...	76 131 ...	76 131 ...	75 022 ...	75 022 ...	75 022 ...
ISO RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
160404EN 0,4			27,06 31601	27,06 51601	27,06 11600	27,06 216	27,06 31600
160408EN 0,8		27,06 518	27,06 31801	27,06 51801	27,06 11800	27,06 218	27,06 31800
160412EN 1,2	27,06 01200	27,06 520	27,06 32001	27,06 52001			
P	○	○	●	●	○	○	○
M					●	●	●
K	●	●	○	○			
N							
S							○
H							
O							

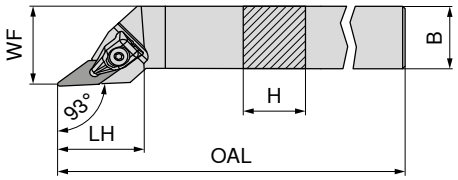
VNMG

	-M30 CTCM120	-M30 CTPM125	-M30 CTCM130	-M34 CTPX710
	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
				
	M	M	M	M
	VNMG	VNMG	VNMG	VNMG
	75 023 ...	75 023 ...	75 023 ...	75 009 ...
ISO / RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
160404EN 0,4				25,73 61600
160408EN 0,8	27,06 11800	27,06 218	27,06 31800	25,73 61800
160412EN 1,2				25,73 62000
P	○	○	○	●
M	●	●	●	●
K				
N				○
S			○	●
H				
O				

9

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 70 503 ... EUR 2A/24		Right-hand 70 502 ... EUR 2A/24	
DVJN R/L 2020 K16	20	20	125	39	25	2	VN.. 1604	123,80	**620**	123,80	**620**
DVJN R/L 2525 M16	25	25	150	39	32	2	VN.. 1604	131,30	**725**	131,30	**725**


XPress type

Key D

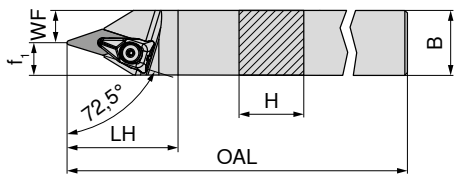

Clamping screw


Solid Carbide Seat V

Spare parts for Article no.	XPress type 70 950 ... EUR 2A/28		Key D 80 950 ... EUR Y7		Clamping screw 70 950 ... EUR 2A/28		Solid Carbide Seat V 70 950 ... EUR 2A/28	
70 502 620 / 70 503 620	36,37	**835**	T09 - IP	14,50 **126**	M3x7 - IP	4,14 **819**	7,22	**806**
70 502 725 / 70 503 725	36,37	**835**	T09 - IP	14,50 **126**	M3x7 - IP	4,14 **819**	7,22	**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 70 506 ... EUR 2A/24	
DVVN N 2020 K16	20	20	125	43	7,5	12,5	2	VN.. 1604	123,80	**620**
DVVN N 2525 M16	25	25	150	43	12,5	12,5	2	VN.. 1604	131,30	**625**


XPress type

Key D

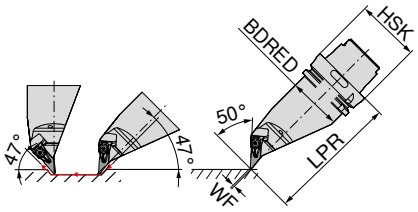

Clamping screw


Solid Carbide Seat V

Spare parts for Article no.	XPress type 70 950 ... EUR 2A/28		Key D 80 950 ... EUR Y7		Clamping screw 70 950 ... EUR 2A/28		Solid Carbide Seat V 70 950 ... EUR 2A/28	
70 506 620	36,37	**835**	T09 - IP	14,50 **126**	M3x7 - IP	4,14 **819**	7,22	**806**
70 506 625	36,37	**835**	T09 - IP	14,50 **126**	M3x7 - IP	4,14 **819**	7,22	**806**

MaxiLock-D – DVMN 50° – 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 74 525 ... EUR 2D/80	
HSK T63 DVMN L 16	HSK-T 63	130	53	0	2	VN.. 1604	461,80	**516**
HSK T100 DVMN L 16	HSK-T 100	160	88	0	2	VN.. 1604	566,50	**716**


XPress type

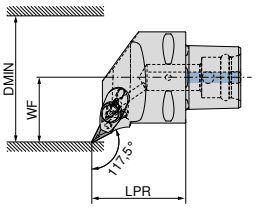
Key D


Clamping screw


Solid Carbide Seat V

Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
74 525 516	36,37	**835**	T09 - IP	14,50 **126**	M3x7 - IP	4,14 **819**	7,22	**806**
74 525 716	36,37	**835**	T09 - IP	14,50 **126**	M3x7 - IP	4,14 **819**	7,22	**806**

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

Illustrations show right-hand versions

ISO designation	Adapter	LPR mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 84 673 ... EUR Y8		Right-hand 84 672 ... EUR Y8	
PSC40 DVPN R/L 50050-16	PSC 40	50	27	50	10	VN.. 1604	303,70	**01695**	303,70	**01695**
PSC50 DVPN R/L 65060-16	PSC 50	60	35	65	10	VN.. 1604	341,60	**01694**	341,60	**01694**
PSC63 DVPN R/L 80065-16	PSC 63	65	45	80	10	VN.. 1604	373,20	**01693**	373,20	**01693**


Clamping Screw


Clamping claw

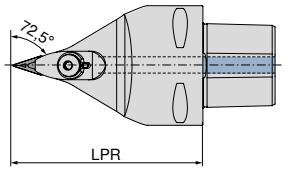

Ring-shaped nozzle

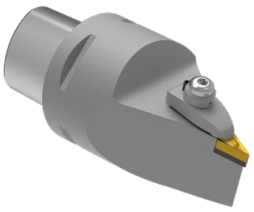

Clamping screw


Solid Carbide Seat V

Spare parts for Article no.		84 950 ... EUR Y8		EUR Y8		EUR Y8		EUR Y8	
84 672 01695 / 84 673 01695	M6X28 SW4	25,14	**28300**	29,78	**28500**	9,59	**28400**	3,92 **27600**	30,22 **28000**
84 672 01694 / 84 673 01694	M6X28 SW4	25,14	**28300**	29,78	**28500**	9,59	**28400**	3,92 **27600**	30,22 **28000**
84 672 01693 / 84 673 01693	M6X28 SW4	25,14	**28300**	29,78	**28500**	9,59	**28400**	3,92 **27600**	30,22 **28000**

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





Neutral

84 679 ...

ISO designation	Adapter	LPR mm	torque moment Nm	Insert	EUR Y8	
PSC63 DVVN N 0100-16	PSC 63	100	10	VN.. 1604	373,20	**01693**
PSC63 DVVN N 0130-16	PSC 63	130	10	VN.. 1604	373,20	**11693**


Clamping Screw


Clamping claw

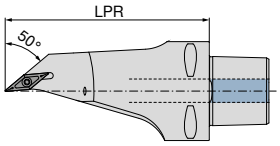

Ring-shaped nozzle

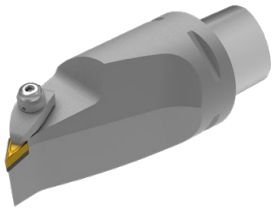

Clamping screw


Solid Carbide Seat V

Spare parts for Article no.		**84 950 ...**	EUR Y8		EUR Y8		EUR Y8		EUR Y8		EUR Y8	
84 679 01693	M6X28 SW4		25,14	**28300**	29,78	**28500**	9,59	**28400**	3,92	**27600**	30,22	**28000**
84 679 11693	M6X28 SW4		25,14	**28300**	29,78	**28500**	9,59	**28400**	3,92	**27600**	30,22	**28000**

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





Neutral

84 682 ...

ISO designation	Adapter	LPR mm	torque moment Nm	Insert	EUR Y8	
PSC63 DVMN L 0130-16	PSC 63	130	10	VN.. 1604	433,70	**01693**


Clamping Screw


Clamping claw


Ring-shaped nozzle

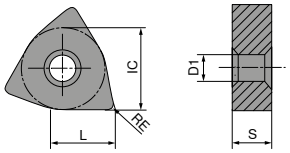

Clamping screw


Solid Carbide Seat V

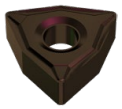
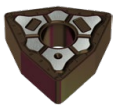
Spare parts for Article no.		**84 950 ...**	EUR Y8		EUR Y8		EUR Y8		EUR Y8		EUR Y8	
84 682 01693	M6X28 SW4		25,14	**28300**	29,78	**28600**	9,59	**28400**	3,92	**27600**	30,22	**28000**

WNMG / WNMA

Designation	L	S	D1	IC
	mm	mm	mm	mm
WNMG 0604..	6,5	4,76	3,81	9,52
WNM. 0804..	8,6	4,76	5,16	12,70

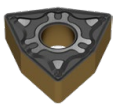
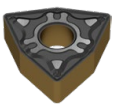
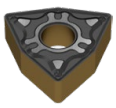


WNMG

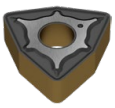
		NEW	NEW	NEW	NEW	NEW
		-CF20 CTEP110	-TFQ CTEP110	-F50 CTCP115-P	-F50 CTCP125-P	-F50 CTCP135-P	-TFQ CTCP115-P	-TFQ CTCP125-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		F	F	F	F	F	F	F
		CERMET	CERMET					
		WNMG	WNMG	WNMG	WNMG	WNMG	WNMG	WNMG
		76 171 ...	76 177 ...	76 157 ...	76 157 ...	76 157 ...	76 177 ...	76 177 ...
ISO	RE	EUR 1A/78	EUR 1A/78	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
	mm							
060404EN	0,4	12,73 004		13,08 30401	13,08 50401	13,08 70401	15,14 30401	15,14 51401
060408EN	0,8	12,73 006	15,14 006	13,08 30601	13,08 50601	13,08 70601	15,14 30601	15,14 50601
080404EN	0,4		18,95 016	16,47 31601	16,47 51601	16,47 71601		
080408EN	0,8	16,47 018	18,95 018	16,47 31801	16,47 51801	16,47 71801	18,95 31801	18,95 51801
080412EN	1,2			16,47 32001	16,47 52001	16,47 72001	18,95 32001	18,95 52001
P		●	●	●	●	●	●	●
M		○	○			○		
K		○	○	○	○		○	○
N								
S								
H								
O								

9

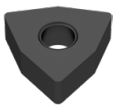
WNMG

		NEW	NEW			NEW	NEW	NEW
		-XU CTCP115-P	-XU CTCP125-P	-M50 CTCK110	-M50 CTCK120	-M50 CTCP115-P	-M50 CTCP125-P	-M50 CTCP135-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		M	M	M	M	M	M	M
		WNMG	WNMG	WNMG	WNMG	WNMG	WNMG	WNMG
		76 295 ...	76 295 ...	70 139 ...	70 139 ...	76 139 ...	76 139 ...	76 139 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
060404EN	0,4					13,08 30401	13,08 50401	13,08 70401
060408EN	0,8					13,08 30601	13,08 50601	13,08 70601
060412EN	1,2					13,08 30801	13,08 50801	13,08 70801
080404EN	0,4	16,49 31601	16,49 51601			16,47 31601	16,47 51601	16,47 71601
080408EN	0,8	16,49 31801	16,49 51801	16,47 018	16,47 518	16,47 31801	16,47 51801	16,47 71801
080412EN	1,2	16,49 32001	16,49 52001	16,47 020	16,47 520	16,47 32001	16,47 52001	16,47 72001
080416EN	1,6					16,47 32201	16,47 52201	16,47 72201
P		●	●	○	○	●	●	●
M								○
K		○	○	●	●	○	○	
N								
S								
H								
O								

WNMG

		NEW	NEW			NEW	NEW	NEW
		-TMQ CTCP115-P	-TMQ CTCP125-P	-M70 CTCK110	-M70 CTCK120	-M70 CTCP115-P	-M70 CTCP125-P	-M70 CTCP135-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		M	M	M	M	M	M	M
		WNMG	WNMG	WNMG	WNMG	WNMG	WNMG	WNMG
		76 198 ...	76 198 ...	70 273 ...	70 273 ...	76 273 ...	76 273 ...	76 273 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
060408EN	0,8					13,08 30601	13,08 50601	13,08 70601
060412EN	1,2					13,08 30801	13,08 50801	13,08 70801
080408EN	0,8	18,95 31801	18,95 51801	16,47 018	16,47 518	16,47 31801	16,47 51801	16,47 71801
080412EN	1,2	18,95 32001	18,95 52001	16,47 020	16,47 520	16,47 32001	16,47 52001	16,47 72001
080416EN	1,6			16,47 022	16,47 522	16,47 32201	16,47 52201	16,47 72201
P		●	●	○	○	●	●	●
M								○
K		○	○	●	●	○	○	
N								
S								
H								
O								

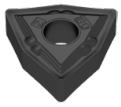
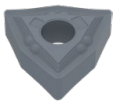
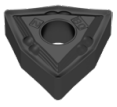
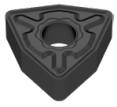
WNMA / WNMG

		CTCK110	CTCK120	-F30 CTCM120	-F30 CTPM125	-F30 CTCM130
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
						
		R	R	F	F	F
		WNMA	WNMA	WNMG	WNMG	WNMG
		70 169 ...	70 169 ...	75 024 ...	75 024 ...	75 024 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
060404EN	0,4			13,08 10400	13,08 204	13,08 30400
060408EN	0,8			13,08 10600	13,08 206	13,08 30600
080404EN	0,4			16,47 11600	16,47 216	16,47 31600
080408EN	0,8	16,47 018	16,47 518	16,47 11800	16,47 218	16,47 31800
080412EN	1,2	16,47 020	16,47 520			
080416EN	1,6	16,47 022	16,47 522			
P		○	○	○	○	○
M				●	●	●
K		●	●			
N						
S						○
H						
O						

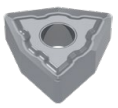
WNMG

9

NEW

		-M30 CTCM120	-M30 CTPM125	-M30 CTCM130	-M42 CTCM130	-M60 CTCM120	-M60 CTPM125	-M60 CTCM130
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		M	M	M	M	M	M	M
		WNMG	WNMG	WNMG	WNMG	WNMG	WNMG	WNMG
		75 025 ...	75 025 ...	75 025 ...	75 036 ...	75 026 ...	75 026 ...	75 026 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
060404EN	0,4				13,08 30400			
060408EN	0,8	13,08 10600	13,08 206	13,08 30600	13,08 30600	13,08 10600	13,08 206	13,08 30600
060412EN	1,2	13,08 10800	13,08 208	13,08 30800		13,08 10800	13,08 208	13,08 30800
080404EN	0,4				16,47 31600			
080408EN	0,8	16,47 11800	16,47 218	16,47 31800	16,47 31800	16,47 11800	16,47 218	16,47 31800
080412EN	1,2	16,47 12000	16,47 220	16,47 32000	16,47 32000	16,47 12000	16,47 220	16,47 32000
P		○	○	○	○	○	○	○
M		●	●	●	●	●	●	●
K								
N								
S				○	○			○
H								
O								

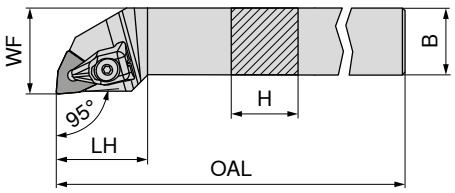
WNMG

		NEW	NEW	
		-M70 CTCM130	-F34 CTPX710	-M34 CTPX710
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
				
		M	F	M
		WNMG	WNMG	WNMG
		75 041 ...	75 313 ...	75 008 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08
060408EN	0,8	13,08 30600		
080408EN	0,8	16,47 31800	16,76 61800	17,20 61800
080412EN	1,2	16,47 32000		17,20 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 ... EUR 2A/24		Right-hand 70 542 ... EUR 2A/24	
DWLN R/L 1616 H06	16	16	100	25	20	2	WN.. 0604	96,54	**716**	96,54	**716**
DWLN R/L 2020 K06	20	20	125	27	25	2	WN.. 0604	107,60	**720**	107,60	**720**
DWLN R/L 2525 M06	25	25	150	27	32	2	WN.. 0604	111,30	**725**	111,30	**725**
DWLN R/L 2020 K08	20	20	125	34	25	4	WN.. 0804	107,60	**620**	107,60	**620**
DWLN R/L 2525 M08	25	25	150	34	32	4	WN.. 0804	111,30	**625**	111,30	**625**

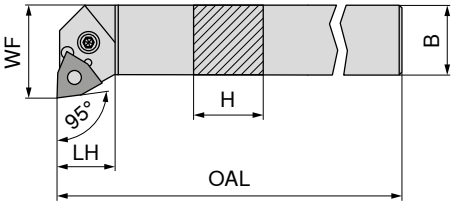
Spare parts for Article no.	XPress type 70 950 ... EUR 2A/28		Key D 80 950 ... EUR Y7		Clamping screw 70 950 ... EUR 2A/28		Solid Carbide Seat W 70 950 ... EUR 2A/28	
70 543 716 / 70 542 716	30,48	**823**	T09 - IP	14,50 **126**	M3x7 - IP	4,14 **819**	4,38	**807**
70 543 720 / 70 542 720	30,48	**823**	T09 - IP	14,50 **126**	M3x7 - IP	4,14 **819**	4,38	**807**
70 543 725 / 70 542 725	30,48	**823**	T09 - IP	14,50 **126**	M3x7 - IP	4,14 **819**	4,38	**807**
70 543 620 / 70 542 620	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	12,81	**812**
70 543 625 / 70 542 625	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	12,81	**812**

9

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 ... EUR 2A/24		Right-hand 70 542 ... EUR 2A/24	
PWLN R/L 1616 H06	16	16	100	20	22,5	3	WNMG 0604	96,54	**116**	96,54	**11600**[1)]
PWLN R/L 2020 K06	20	20	125	26	25,0	3	WNMG 0604	107,60	**12000**[1)]	107,60	**12000**[1)]
PWLN R/L 2525 M06	25	25	150	19	32,0	3	WNMG 0604	111,30	**125**	111,30	**12500**[1)]
PWLN R/L 2020 K08	20	20	125	22	25,0	4	WNMG 0804	107,60	**020**	107,60	**020**
PWLN R/L 2525 M08	25	25	150	22	32,0	4	WNMG 0804	111,30	**025**	111,30	**025**
PWLN R/L 3225 P08	32	25	170	22	32,0	4	WNMG 0804	119,40	**032**	119,40	**032**

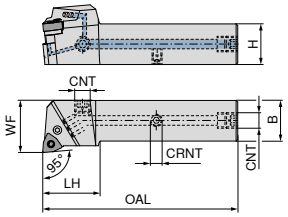
1) nickel-plated

Spare parts for Article no.		Key I 70 950 ... EUR 2A/28		Shim 70 950 ... EUR 2A/28		Assembly pin 70 950 ... EUR 2A/28		Lever 70 950 ... EUR 2A/28		Clamping screw 70 950 ... EUR 2A/28		Solid Carbide Seat W 70 950 ... EUR 2A/28	
70 542 11600 / 70 543 116	SW2,5	3,15	**175**	2,66	**122**	1,57	**191**	16,08	**185**	4,12	**208**	9,28	**127**
70 542 12000 / 70 543 12000	SW2,5	3,15	**175**	2,66	**122**	1,57	**191**	16,08	**185**	4,12	**208**	9,28	**127**
70 542 12500 / 70 543 125	SW2,5	3,15	**175**	2,66	**122**	1,57	**191**	16,08	**185**	4,12	**208**	9,28	**127**
70 542 020 / 70 543 020	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	11,24	**235**
70 542 025 / 70 543 025	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	11,24	**235**
70 542 032 / 70 543 032	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	11,24	**235**

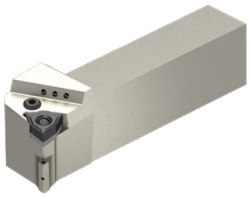
MaxiLock-N – PWLN 95° DC – Toolholder with lever clamping

Scope of supply:

Tool holder with allen key



Illustrations show right-hand versions



ISO designation	H	B	OAL	LH	WF	CRNT	CNT	torque moment	Insert	NEW Left-hand 70 599 ... EUR 2A/24		NEW Right-hand 70 599 ... EUR 2A/24	
	mm	mm	mm	mm	mm			Nm					
PWLN R/L 2020 X06-T DC	20	20	104	35	25	M6	G1/8"	3	WNMG 0604	214,80	**02000**	214,80	**02001**
PWLN R/L 2525 X06-T DC	25	25	120	35	32	M6	G1/8"	3	WNMG 0604	226,10	**02500**	226,10	**02501**
PWLN R/L 2020 X08-T DC	20	20	104	35	25	M6	G1/8"	4	WNMG 0804	214,80	**12000**	214,80	**12001**
PWLN R/L 2525 X08-T DC	25	25	120	35	32	M6	G1/8"	4	WNMG 0804	226,10	**12500**	226,10	**12501**
PWLN R/L 3225 X08-T DC	32	25	135	35	32	M6	G1/8"	4	WNMG 0804	237,40	**03200**	237,40	**03201**

Coolant screw plug

Lever

Clamping screw

Solid Carbide Seat W

Grubscrew

Spare parts for Article no.		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28			70 950 ... EUR 2A/28	
70 599 02001 / 70 599 02000	G 1/8"	4,59	**294**	16,08	**185**	4,12	**208**	9,28	**127**	M6x6	3,84	**86700**
70 599 02501 / 70 599 02500	G 1/8"	4,59	**294**	16,08	**185**	4,12	**208**	9,28	**127**	M6x6	3,84	**86700**
70 599 12001 / 70 599 12000	G 1/8"	4,59	**294**	16,23	**187**	4,52	**209**	11,24	**235**	M6x6	3,84	**86700**
70 599 12501 / 70 599 12500	G 1/8"	4,59	**294**	16,23	**187**	4,52	**209**	11,24	**235**	M6x6	3,84	**86700**
70 599 03201 / 70 599 03200	G 1/8"	4,59	**294**	16,23	**187**	4,52	**209**	11,24	**235**	M6x6	3,84	**86700**

Key I

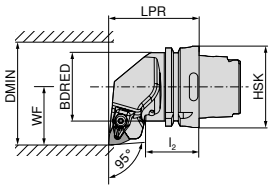
Shim

Assembly pin

Spare parts for Article no.		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 599 02001 / 70 599 02000	SW2,5	3,15	**175**	2,66	**122**	1,57	**191**
70 599 02501 / 70 599 02500	SW2,5	3,15	**175**	2,66	**122**	1,57	**191**
70 599 12001 / 70 599 12000	SW3	3,15	**176**	2,27	**198**	1,57	**192**
70 599 12501 / 70 599 12500	SW3	3,15	**176**	2,27	**198**	1,57	**192**
70 599 03201 / 70 599 03200	SW3	3,15	**176**	2,27	**198**	1,57	**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	l_2 mm	BDRED mm	WF mm	DMIN mm	Insert	Left-hand 74 529 ... EUR 2D/80		Right-hand 74 528 ... EUR 2D/80	
HSK T63 DWLN R/L 08	HSK-T 63	70	42,00	52,6	45	125	WN.. 0804	289,80	**508**	289,80	**508**
HSK T100 DWLN R 08	HSK-T 100	80	45,00	87,6	55	125	WN.. 0804			340,10	**708**
HSK T100 DWLN L 08	HSK-T 100	80	53,96	87,6	55	125	WN.. 0804	340,10	**708**		


XPress type

Key D

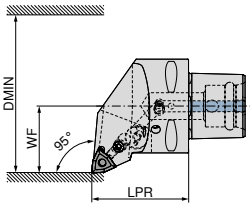

Clamping screw


Solid Carbide Seat W

Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
74 528 508 / 74 529 508	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	12,81	**812**
74 528 708 / 74 529 708	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	12,81	**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 84 653 ... EUR Y8		Right-hand 84 652 ... EUR Y8	
PSC40 PWLN R/L 50050-08	PSC 40	50	27	50	5	WN.. 0804	DC	281,60	**00895**	281,60	**00895**
PSC50 PWLN R/L 65060-08	PSC 50	60	35	65	5	WN.. 0804	DC	310,10	**00894**	310,10	**00894**
PSC63 PWLN R/L 80065-08	PSC 63	65	45	80	5	WN.. 0804	DC	352,00	**00893**	352,00	**00893**

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


Shim


Elbow lever screw

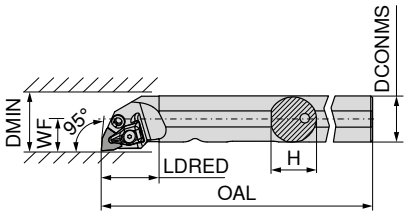

Lever


Solid Carbide Seat W

Spare parts for Article no.	84 950 ... EUR Y8			84 950 ... EUR Y8		84 950 ... EUR Y8		84 950 ... EUR Y8	
84 652 00895 / 84 653 00895	1,42	**29200**	M8X1/L17 SW3	5,58	**28700**	19,24	**28900**	30,22	**27700**
84 652 00894 / 84 653 00894	1,42	**29200**	M8X1/L17 SW3	5,58	**28700**	19,24	**28900**	30,22	**27700**
84 652 00893 / 84 653 00893	1,42	**29200**	M8X1/L17 SW3	5,58	**28700**	19,24	**28900**	30,22	**27700**

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

Scope of supply:
Boring bar with Torx key



Illustrations show right-hand versions

ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 573 ... EUR 2A/24		Right-hand 70 572 ... EUR 2A/24	
A25R DWLN R/L 06	25	24	200	32	17	32	2	WN.. 0604	281,10	**725**	281,10	**725**
A32S DWLN R/L 08	32	31	250	40	22	44	4	WN.. 0804	290,60	**732**	290,60	**732**
A40T DWLN R/L 08	40	39	300	45	27	50	4	WN.. 0804	323,80	**64000**	323,80	**640**


XPress type


Key D


Clamping screw

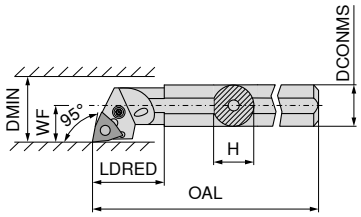

Hydrant


Solid Carbide Seat W

Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 572 725 / 70 573 725	30,48	**823**	T09 - IP	14,50	**126**	M3x7 - IP	4,14	**819**	26,87	**834**	4,38	**807**
70 572 732 / 70 573 732	30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	26,87	**834**	12,81	**812**
70 572 640 / 70 573 64000	30,06	**824**	T15 - IP	15,33	**128**	M4,5x12 - IP	3,84	**820**	26,87	**834**	12,81	**812**

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

Scope of supply:
Boring bar with Allen key



Illustrations show right-hand versions

ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 573 ... EUR 2A/24		Right-hand 70 572 ... EUR 2A/24	
A16M PWLN R/L 06	16	15	150	20	11	20	3	WNMG 0604	228,30	**11600**[1)]	228,30	**11600**[1)]
A20Q PWLN R/L 06-1	20	19	180	30	13	25	3	WNMG 0604	252,20	**12100**[1)]	252,20	**12100**[1)]
A25R PWLN R/L 06	25	23	200	25	17	32	3	WNMG 0604	281,10	**12500**[1)]	281,10	**12500**[1)]
A32S PWLN R/L 06	32	30	250	50	22	40	3	WNMG 0604	290,60	**132**	290,60	**132**
A25R PWLN R/L 08	25	23	200	40	17	31	4	WNMG 0804	281,20	**225**	281,20	**225**
A32S PWLN R/L 08	32	30	250	50	22	40	4	WNMG 0804	290,60	**032**	290,60	**032**
A40T PWLN R/L 08	40	39	300	60	27	50	4	WNMG 0804	323,80	**040**	323,80	**040**

1) nickel-plated


Key I


Shim


Assembly pin


Lever

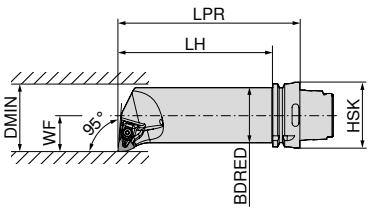

Clamping screw


Solid Carbide Seat W

Spare parts for Article no.		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 572 11600 / 70 573 11600	SW2	3,15	**177**					19,30	**129**	5,46	**217**		
70 572 12100 / 70 573 12100	SW2	3,15	**177**					19,30	**129**	5,46	**217**		
70 572 12500 / 70 573 12500	SW2,5	3,15	**175**	2,66	**122**	1,57	**191**	16,08	**185**	4,12	**208**	9,28	**127**
70 572 132 / 70 573 132	SW2,5	3,15	**175**	2,66	**122**	1,57	**191**	16,08	**185**	4,12	**208**	9,28	**127**
70 572 225 / 70 573 225	SW3	3,15	**176**					16,23	**187**	5,52	**205**		
70 572 032 / 70 573 032	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	11,24	**235**
70 572 040 / 70 573 040	SW3	3,15	**176**	2,27	**198**	1,57	**192**	16,23	**187**	4,52	**209**	11,24	**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 ... EUR 2D/80		Right-hand 74 536 ... EUR 2D/80	
HSK T63 50Q DWLN R/L 08	HSK-T 63	175	149	50	35	63	4	WN.. 0804	397,30	**508**	397,30	**508**

XPress type

Key D

Clamping screw

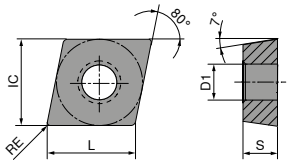
Solid Carbide Seat W

Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
74 536 508 / 74 537 508	30,06	**824**	T15 - IP	15,33 **128**	M4,5x12 - IP	3,84 **820**	12,81	**812**

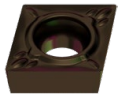
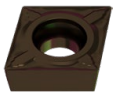
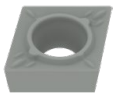
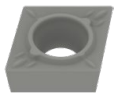
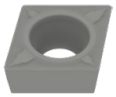
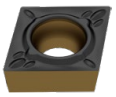
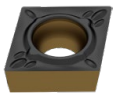
9

CCGT / CCMT / CCET

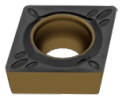
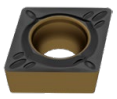
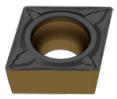
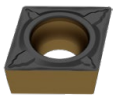
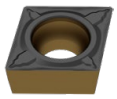
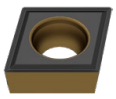
Designation	L	S	D1	IC
	mm	mm	mm	mm
CC.T 0602..	6,4	2,38	2,8	6,35
CC.T 09T3..	9,7	3,97	4,4	9,52
CC.T 1204..	12,9	4,76	5,5	12,70



CCGT / CCMT

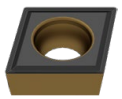
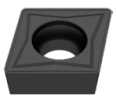
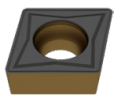
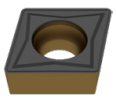
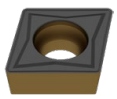
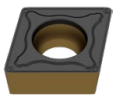
		NEW	NEW
	-CF05 CTEP110	-CF55 CTEP110	-SF TCM407	-SF TCM10	-SMF TCM10	-SF CTCP125-P	-SF CTCP135-P
	DRAGONSKIN	DRAGONSKIN				DRAGONSKIN	DRAGONSKIN
							
	F	F	F	F	F	F	F
	CERMET CCGT	CERMET CCMT	CERMET CCGT	CERMET CCGT	CERMET CCMT	CCGT	CCGT
	76 247 ...	76 248 ...	70 251 ...	70 251 ...	70 249 ...	76 251 ...	76 251 ...
ISO / RE mm	EUR 1A/78	EUR 1A/78	EUR 1A/78	EUR 1A/78	EUR 1A/78	EUR 1A/08	EUR 1A/08
060202EN 0,2	18,22 002		17,64 850	17,64 900		18,22 50201	18,22 70201
060204EN 0,4	18,22 004	9,91 004	17,64 852	17,64 902	9,57 900		
09T302EN 0,2	19,41 014		18,22 854	18,22 904			
09T304EN 0,4	19,41 016	12,73 016		18,22 906	11,87 904		
09T308EN 0,8	19,41 018	12,73 018		18,22 908	11,87 906		
120404EN 0,4		17,96 028		22,80 910			
P	●	●	●	●	●	●	●
M	○	○	○	○	○		○
K	○	○	○	○	○	○	
N							
S							
H							
O							

CCMT / CCGT

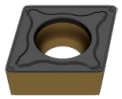
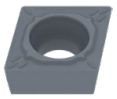
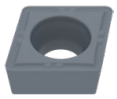
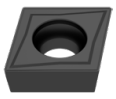
		NEW	NEW	NEW	NEW	NEW	NEW	NEW
		-SF CTCP115-P	-SF CTCP125-P	-SF CTCP135-P	-SMF CTCP115-P	-SMF CTCP125-P	-SMF CTCP135-P	-SM CTCP125-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		F	F	F	F	F	F	M
		CCMT	CCMT	CCMT	CCMT	CCMT	CCMT	CCGT
		76 253 ...	76 253 ...	76 253 ...	76 249 ...	76 249 ...	76 249 ...	76 250 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
060202EN	0,2							18,22 50201
060204EN	0,4	10,23 30401	10,23 50401	10,23 70401		10,23 50401	10,23 70401	
060208EN	0,8					10,23 50601		
09T304EN	0,4	12,76 31601	12,76 51601	12,76 71601	12,76 31601	12,76 51601	12,76 71601	
09T308EN	0,8	12,76 31801	12,76 51801		12,76 31801	12,76 51801		
120404EN	0,4		17,96 52801			17,96 52801		
120408EN	0,8		17,96 53001		17,96 33001		17,96 73001	
P		●	●	●	●	●	●	●
M				○			○	
K		○	○		○	○		○
N								
S								
H								
O								

9

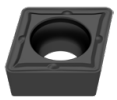
CCGT / CCMT

		NEW			NEW	NEW	NEW	NEW
		-SM CTCP135-P	-SM CTCK110	-SM CTCK120	-SM CTCP115-P	-SM CTCP125-P	-SM CTCP135-P	-SMQ 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	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
060202EN	0,2	18,22 70201						
060204EN	0,4		10,23 004	10,23 554	10,23 30401	10,23 50401	10,23 70401	
060208EN	0,8		10,23 006	10,23 506	10,23 30601		10,23 70601	
09T304EN	0,4		12,76 016	12,76 516	12,76 31601	12,76 51601	12,76 71601	14,34 31601
09T308EN	0,8		12,76 018	12,76 518	12,76 31801	12,76 51801	12,76 71801	14,34 31801
09T312EN	1,2		12,76 020	12,76 520				
120404EN	0,4		17,96 028	17,96 528	17,96 32801	17,96 52801	17,96 72801	20,15 32801
120408EN	0,8		17,96 030	17,96 530	17,96 33001	17,96 53001	17,96 73001	20,15 33001
120412EN	1,2					17,96 53201		
P		●	○	○	●	●	●	●
M		○					○	
K			●	●	○	○		○
N								
S								
H								
O								

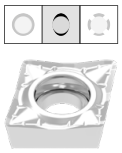
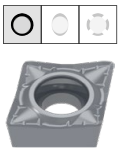
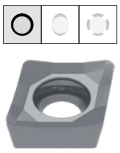
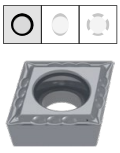
CCMT

		NEW		NEW		NEW		NEW
		-SMQ CTCP125-P	-M25 CTCM120	-SF CTPM125	-M25 CTPM125	-F43 CTCM130	-M25 CTCM130	-SM CTCM130
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		F	F	F	F	F	F	M
		CCMT	CCMT	CCMT	CCMT	CCMT	CCMT	CCMT
		76 194 ...	75 210 ...	75 042 ...	75 210 ...	75 031 ...	75 210 ...	75 047 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
060204EN	0,4		10,23 10400	10,23 20400	10,23 204		10,23 30400	10,23 30400
09T304EN	0,4	14,34 51601	12,76 11600	12,76 21600	12,76 216	12,76 31600	12,76 31600	12,76 31600
09T308EN	0,8	14,34 51801	12,76 11800		12,76 218	12,76 31800	12,76 31800	12,76 31800
120404EN	0,4	20,15 52801						17,96 32800
120408EN	0,8	20,15 53001						17,96 33000
P		●	○	○	○	○	○	○
M			●	●	●	●	●	●
K		○						
N								
S						○	○	○
H								
O								

CCMT / CCGT

		-M55 CTCM120	-M55 CTPM125	-M55 CTCM130	-23P H216T	-25P H210T	-25P CTPX710
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN			DRAGONSKIN
							
		M	M	M	F	F	M
		CCMT	CCMT	CCMT	CCGT	CCGT	CCGT
		75 211 ...	75 211 ...	75 211 ...	70 255 ...	70 248 ...	70 248 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/90	EUR 1A/90	EUR 1A/90
060202FN	0,2				14,34 652	14,34 636	17,06 70200
060204EN	0,4	10,23 10400	10,23 204	10,23 30400			
060204FN	0,4				14,34 654	14,34 638	17,06 70400
09T302FN	0,2					15,02 639	17,50 71400
09T304EN	0,4	12,76 11600	12,76 216	12,76 31600			
09T304FN	0,4				15,02 656	15,02 640	17,50 71600
09T308EN	0,8	12,76 11800	12,76 218	12,76 31800			
09T308FN	0,8				15,02 658	15,02 641	17,50 71800
120402FN	0,2					17,50 643	
120404EN	0,4	17,96 12800	17,96 228	17,96 32800			
120404FN	0,4					17,50 642	22,34 72800
120408EN	0,8	17,96 13000	17,96 230	17,96 33000			
120408FN	0,8					17,50 644	22,34 73000
P		○	○	○			●
M		●	●	●			●
K					○	○	
N					●	●	●
S				○		○	●
H							
O					○	○	

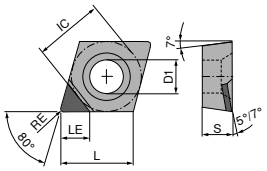
CCGT / CCMT / CCET

		-25Q H210T		-25Q CTPX710 DRAGONSKIN		-27 H10T		-27 CTPX715 DRAGONSKIN		-29 H216T		NEW -29 CTPX715 DRAGONSKIN		NEW -F05 CTPX710 DRAGONSKIN	
															
		M		M		M		M		M		M		F	
		CCGT		CCGT		CCGT		CCGT		CCMT		CCMT		CCET	
		70 248 ...		70 248 ...		70 254 ...		70 254 ...		70 245 ...		70 245 ...		76 243 ...	
ISO	RE mm	EUR 1A/90		EUR 1A/90		EUR 1A/90		EUR 1A/90		EUR 1A/90		EUR 1A/90		EUR 1A/08	
060201FN	0,1													24,44	10100
060202FN	0,2					13,43	600	16,33	80200					24,44	10200
060204EN	0,4									10,33	60400	12,36	70400		
060204FN	0,4	15,58	678	20,60	75400	13,43	602	16,33	80400					24,44	10400
09T302FN	0,2					14,34	604	16,76	81400						
09T304EN	0,4									11,01	61600	12,78	71600		
09T304FN	0,4	16,47	680	21,58	76600	14,34	606	16,76	81600						
09T308EN	0,8									11,01	61800	12,78	71800		
09T308FN	0,8	16,47	681	21,58	76800	14,34	608	16,76	81800						
09T316FN	1,6							19,80	72200						
120402FN	0,2					16,76	610	20,87	82600						
120404FN	0,4	19,41	682	24,28	77800	16,76	612	20,87	82800						
120408FN	0,8	19,41	686	24,28	78000	16,76	614	20,87	83000						
P				●				●				●		●	
M				●				●				●		●	
K		○				○		○		○		○			
N		●		●		●		●		●		●		●	
S		○		●				●				●		●	
H															
O		○				○		○		○		○			

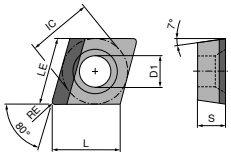
9

CCGW / CCGT

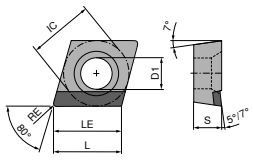
Designation	L	S	D1	IC
	mm	mm	mm	mm
CCG. 0602..	6,4	2,38	2,8	6,35
CCG. 09T3..	9,7	3,97	4,4	9,52
CCG. 1204..	12,9	4,76	5,5	12,70



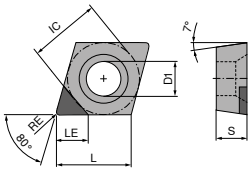
CCGT A



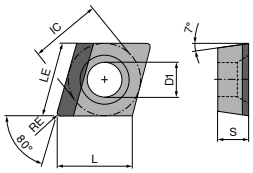
CCGT A LL



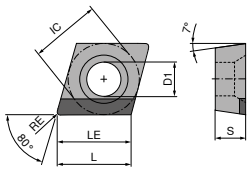
CCGT A RR



CCGW A



CCGW A LL



CCGW A RR

CCGW / CCGT

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

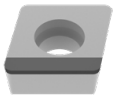
				CTDMD05		CTDPD20		CTDPD20		-Q CTDPD20		-Q CTDPD20	
				F		F		F		F		F	
				DIAMOND CCGW		DIAMOND CCGW		DIAMOND CCGT		DIAMOND CCGW		DIAMOND CCGT	
				71 120 ...		71 120 ...		71 124 ...		71 125 ...		71 126 ...	
ISO	RE mm	TCE (NOI)	LE mm	EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0	
060201FN	0,1	A (1)	3,4									72,00	101
060201FN	0,1	A (1)	3,5					64,00	10100				
060202FN	0,2	A (1)	2,5	377,00	050								
060202FN	0,2	A (1)	3,3							72,00	102	72,00	102
060202FN	0,2	A (1)	3,4			64,00	100	64,00	100				
060204FN	0,4	A (1)	2,5	377,00	052								
060204FN	0,4	A (1)	3,1									72,00	104
060204FN	0,4	A (1)	3,2			64,00	102	64,00	102	72,00	104		
060208FN	0,8	A (1)	2,5	377,00	05300								
060208FN	0,8	A (1)	3,0			64,00	10300	64,00	10300				
09T301FN	0,1	A (1)	4,5							82,00	111	82,00	111
09T302FN	0,2	A (1)	4,4							82,00	112	82,00	112
09T302FN	0,2	A (1)	4,5			74,00	10500	74,00	10500				
09T304FN	0,4	A (1)	2,5	377,00	054								
09T304FN	0,4	A (1)	4,2							82,00	114	82,00	114
09T304FN	0,4	A (1)	4,3			74,00	104	74,00	104				
09T308FN	0,8	A (1)	2,5	377,00	056								
09T308FN	0,8	A (1)	4,1			74,00	106	74,00	106				
120402FN	0,2	A (1)	4,4							92,94	122	89,00	122
120404FN	0,4	A (1)	4,2							92,94	124	89,00	124
120404FN	0,4	A (1)	4,3			81,00	108	76,00	108				
120408FN	0,8	A (1)	4,1			81,00	110	76,00	110				

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

→ v_c Page 198+199

CCGW / CCGT

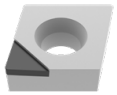
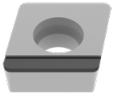
▲ TCE(NOI) = Design and number of equipped cutting edge corners

				CTDPD20		CTDPD20		-CB1 CTDPD20		-CB2 CTDPD20		-CB1 CTDPD20		-Q-CB2 CTDPD20	
															
				F		F		F		M		F		M	
				DIAMOND CCGW		DIAMOND CCGW		DIAMOND CCGT		DIAMOND CCGT		DIAMOND CCGT		DIAMOND CCGT	
				71 172 ...		71 172 ...		71 300 ...		71 168 ...		71 305 ...		71 169 ...	
ISO	RE mm	TCE (NOI)	LE mm	EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0	
060202FN	0,2	A (1)	3,40					72,00	102						
060204FN	0,4	A (1)	3,10									76,00	104		
060204FN	0,4	A (1)	3,20					72,00	104	72,00	10001				
060204FRR	0,4	A (1)	6,45			102,20	10101								
060204FLL	0,4	A (1)	6,45	102,20	10001										
060208FN	0,8	A (1)	3,00					72,00	10600						
09T302FN	0,2	A (1)	4,40											82,00	10001
09T302FN	0,2	A (1)	4,50					82,00	112						
09T304FN	0,4	A (1)	4,20									82,00	114	82,00	10101
09T304FN	0,4	A (1)	4,30					82,00	114						
09T308FN	0,8	A (1)	4,10					82,00	118						
09T308FRR	0,8	A (1)	9,70			108,80	10301								
09T308FLL	0,8	A (1)	9,70	108,80	10201										
09T312FLL	1,2	A (1)	9,70	108,80	10401										
120404FN	0,4	A (1)	4,20									89,00	124	89,00	10201
120404FN	0,4	A (1)	4,30					89,00	124						
120408FN	0,8	A (1)	4,10					89,00	128						
120412FRR	1,2	A (1)	12,90			120,40	10601								
120412FLL	1,2	A (1)	12,90	120,40	10501										
P															
M															
K															
N				●		●		●		●		●		●	
S															
H															
O				●		●		●		●		●		●	

9

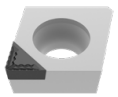
CCGT / CCGW

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

				CTDPS30	-Q CTDPS30	-Q CTDPS30	CTDPS30	CTDPS30	-CB2 CTDPS30
									
				F	F	F	F	F	M
				DIAMOND CCGT	DIAMOND CCGW	DIAMOND CCGT	DIAMOND CCGT	DIAMOND CCGT	DIAMOND CCGT
				71 166 ...	71 125 ...	71 126 ...	71 170 ...	71 170 ...	71 301 ...
ISO	RE mm	TCE (NOI)	LE mm	EUR Y0	EUR Y0	EUR Y0	EUR Y0	EUR Y0	EUR Y0
060201FN	0,1	A (1)	3,50	64,00 20001					
060202FN	0,2	A (1)	3,30		72,00 152	72,00 152			
060202FN	0,2	A (1)	3,40	64,00 20101					72,00 202
060204FN	0,4	A (1)	3,20						72,00 204
060204FRR	0,4	A (1)	6,45					102,20 20101	
060204FLL	0,4	A (1)	6,45				102,20 20001		
060208FN	0,8	A (1)	3,00						72,00 208
060208FRR	0,8	A (1)	6,45					102,20 20301	
060208FLL	0,8	A (1)	6,45				102,20 20201		
09T301FN	0,1	A (1)	4,50		82,00 16300				
09T302FN	0,2	A (1)	4,40		82,00 162	82,00 162			
09T302FN	0,2	A (1)	4,50	74,00 20201					82,00 212
09T304FN	0,4	A (1)	4,30						82,00 214
09T308FN	0,8	A (1)	4,10						82,00 218
09T308FRR	0,8	A (1)	9,70					108,80 20501	
09T308FLL	0,8	A (1)	9,70				108,80 20401		
120402FN	0,2	A (1)	4,40			89,00 172			
120404FN	0,4	A (1)	4,20			89,00 174			
120404FN	0,4	A (1)	4,30	81,00 20301					89,00 224
120408FN	0,8	A (1)	4,10						89,00 228
120412FRR	1,2	A (1)	12,90					120,40 20701	
120412FLL	1,2	A (1)	12,90				120,40 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 CCGT		DIAMOND CCGW		DIAMOND CCGT		DIAMOND CCGW	
				71 306 ...		71 171 ...		71 302 ...		71 171 ...	
ISO	RE mm	TCE (NOI)	LE mm	EUR Y0		EUR Y0		EUR Y0		EUR Y0	
060201FN	0,1	A (1)	3,5							64,00	20001
060202FN	0,2	A (1)	3,3	76,00	202						
060202FN	0,2	A (1)	3,4							64,00	20101
060204FN	0,4	A (1)	3,1	76,00	204						
060204FN	0,4	A (1)	3,2					72,00	204	64,00	20201
09T302FN	0,2	A (1)	4,4	82,00	212						
09T302FN	0,2	A (1)	4,5							74,00	20301
09T304FN	0,4	A (1)	4,2	82,00	214						
09T304FN	0,4	A (1)	4,3			74,00	30001	82,00	214	74,00	20401
09T308FN	0,8	A (1)	4,1			74,00	30101	82,00	218		
120402FN	0,2	A (1)	4,4	89,00	222						
120404FN	0,4	A (1)	4,2	89,00	224						
120404FN	0,4	A (1)	4,3							81,00	20501
P											
M											
K											
N					●		●		●		●
S											
H											
O					●		●		●		●

9

CCGW / CCGT

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

				CTDCD10		-CB1 CTDCD10		-Q-CB1 CTDCD10		-CB2 CTDCD10		-Q-CB2 CTDCD10	
													
				F		F		F		M		M	
				DIAMOND CCGW		DIAMOND CCGT		DIAMOND CCGT		DIAMOND CCGT		DIAMOND CCGT	
				71 171 ...		71 300 ...		71 167 ...		71 301 ...		71 306 ...	
ISO	RE mm	TCE (NOI)	LE mm	EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0	
060202FN	0,2	A (1)	2,3					87,84	40001				
060202FN	0,2	A (1)	2,4	78,08	40001	87,84	302			87,84	30200		
060204FN	0,4	A (1)	2,1					87,84	40101			87,84	304
060204FN	0,4	A (1)	2,2	78,08	40101	87,84	304			87,84	304		
060208FN	0,8	A (1)	2,0			87,84	30600						
09T302FN	0,2	A (1)	2,3									100,00	31200
09T302FN	0,2	A (1)	2,4	90,28	40201					100,00	31200		
09T304FN	0,4	A (1)	2,1					100,00	40201			100,00	314
09T304FN	0,4	A (1)	2,2	90,28	40301	100,00	314			100,00	314		
09T308FN	0,8	A (1)	2,0	90,28	40401					100,00	31600		
120404FN	0,4	A (1)	2,1					113,40	40301			113,40	324
120404FN	0,4	A (1)	2,2							113,40	32600		
120408FN	0,8	A (1)	2,0	98,82	40501								
120408FN	0,8	A (1)	2,1							113,40	328		
P													
M													
K													
N				●		●		●		●		●	
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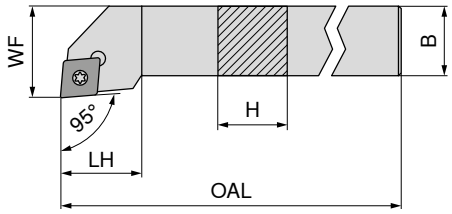
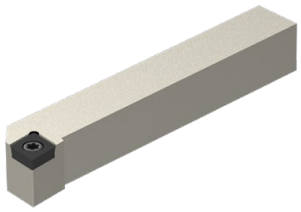
H													
O				●		●		●		●		●	

MaxiLock-S – SCLC 95° – 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 70 636 ... EUR 2A/24		NEW Right-hand 70 636 ... EUR 2A/24	
SCLC R/L 0808 D06	8	8	60	9	10	1,2	CC.. 0602	75,87	**00800**	75,87	**00801**
SCLC R/L 1010 E06	10	10	70	9	12	1,2	CC.. 0602	80,94	**01000**	80,94	**01001**
SCLC R/L 1212 F09	12	12	80	15	16	3,2	CC.. 09T3	80,94	**01200**	80,94	**01201**
SCLC R/L 1616 H09	16	16	100	17	20	3,2	CC.. 09T3	101,20	**01600**	101,20	**01601**
SCLC R/L 2020 K09	20	20	125	17	25	3,2	CC.. 09T3	107,20	**02000**	107,20	**02001**
SCLC R/L 1616 H12	16	16	100	20	20	5	CC.. 1204	101,20	**11600**	101,20	**11601**
SCLC R/L 2020 K12	20	20	125	20	25	5	CC.. 1204	107,20	**12000**	107,20	**12001**
SCLC R/L 2525 M12	25	25	150	20	32	5	CC.. 1204	111,30	**12500**	111,30	**12501**
SCLC R/L 3225 P12	32	25	170	20	32	5	CC.. 1204	116,40	**13200**	116,40	**13201**

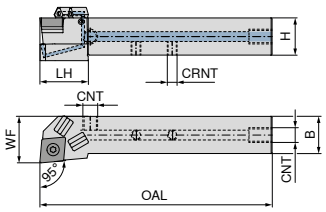
Spare parts for Article no.	Key D 80 950 ... EUR Y7		Clamping screw 70 950 ... EUR 2A/28		Carbide type C 70 950 ... EUR 2A/28		Threaded sleeve 70 950 ... EUR 2A/28	
70 636 00800 / 70 636 00801	8,11	**039**	5,38	**857**				
70 636 01000 / 70 636 01001	8,11	**039**	5,38	**857**				
70 636 01200 / 70 636 01201	11,79	**120**	4,82	**87900**				
70 636 01600 / 70 636 01601	11,79	**120**	4,82	**87900**				
70 636 02000 / 70 636 02001	11,79	**120**	4,82	**87900**				
70 636 11600 / 70 636 11601	11,79	**120**	3,84	**820**	15,94	**166**	5,98	**170**
70 636 12000 / 70 636 12001	11,79	**120**	3,84	**820**	15,94	**166**	5,98	**170**
70 636 12500 / 70 636 12501	11,79	**120**	3,84	**820**	15,94	**166**	5,98	**170**
70 636 13200 / 70 636 13201	11,79	**120**	3,84	**820**	15,94	**166**	5,98	**170**

9

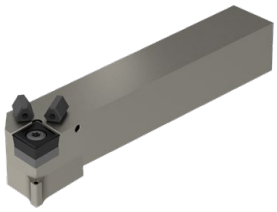
MaxiLock-S – SCLC 95° DC – Tool holder with screw clamping

Scope of supply:

Tool holder with blind plug and Torx key



Illustrations show right-hand versions



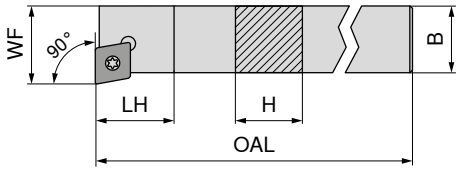
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	NEW Left-hand 70 770 ... EUR 2A/24		NEW Right-hand 70 770 ... EUR 2A/24	
SCLC R/L 1010 E06 DC	10	10	70	14	12	M6	M6	1,2	CC.. 0602	171,30	**01001**	171,30	**01000**
SCLC R/L 1212 F09 DC	12	12	80	19	16	M6	M6	3,2	CC.. 09T3	171,30	**01201**	171,30	**01200**
SCLC R/L 1616 H09 DC	16	16	100	26	20	M6	G1/8"	3,2	CC.. 09T3	190,30	**11601**	190,30	**01600**
SCLC R/L 2020 K09 DC	20	20	125	28	25	M6	G1/8"	3,2	CC.. 09T3	201,70	**12001**	201,70	**02000**
SCLC R/L 1616 H12 DC	16	16	100	28	20	M6	G1/8"	5	CC.. 1204	190,30	**01601**	190,30	**11600**
SCLC R/L 2020 K12 DC	20	20	125	26	25	M6	G1/8"	5	CC.. 1204	201,70	**02001**	201,70	**12000**
SCLC R/L 2525 M12 DC	25	25	150	28	30	M6	G1/8"	5	CC.. 1204	209,40	**02501**	209,40	**02500**
SCLC R/L 3225 P12 DC	32	25	170	26	32	G1/8"	G1/8"	5	CC.. 1204	219,80	**03201**	219,80	**03200**

Spare parts for Article no.	Clamping screw 70 950 ... EUR 2A/28		Carbide type C 70 950 ... EUR 2A/28		Grubscrew 70 950 ... EUR 2A/28		Grubscrew 70 950 ... EUR 2A/28		Threaded sleeve 70 950 ... EUR 2A/28	
70 770 01000 / 70 770 01001	5,38	**857**					3,84	**86700**		
70 770 01200 / 70 770 01201	4,14	**859**					3,84	**86700**		
70 770 01600 / 70 770 11601	4,82	**87900**	12,46	**165**	2,19	**88000**	3,84	**86700**	5,98	**171**
70 770 02000 / 70 770 12001	4,82	**87900**	12,46	**165**	2,19	**88000**	3,84	**86700**	5,98	**171**
70 770 11600 / 70 770 01601	3,84	**820**	15,94	**166**	2,19	**88000**	3,84	**86700**	5,98	**170**
70 770 12000 / 70 770 02001	3,84	**820**	15,94	**166**	2,19	**88000**	3,84	**86700**	5,98	**170**
70 770 02500 / 70 770 02501	3,84	**820**	15,94	**166**	2,19	**88000**	3,84	**86700**	5,98	**170**
70 770 03200 / 70 770 03201	3,84	**820**	15,94	**166**	2,19	**88000**			5,98	**170**

Spare parts for Article no.	Sealing plugs DC 70 950 ... EUR 2A/28		Key D 80 950 ... EUR Y7		O-Ring 70 950 ... EUR 2A/28		Coolant nozzle DC 70 950 ... EUR 2A/28		Coolant screw plug 70 950 ... EUR 2A/28	
70 770 01000 / 70 770 01001			8,11	**039**						
70 770 01200 / 70 770 01201			11,79	**120**						
70 770 01600 / 70 770 11601	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 770 02000 / 70 770 12001	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 770 11600 / 70 770 01601	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 770 12000 / 70 770 02001	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 770 02500 / 70 770 02501	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 770 03200 / 70 770 03201	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**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 70 761 ... EUR 2A/24		Right-hand 70 760 ... EUR 2A/24	
SCFC R 0808 D06	8	8	60	10	10	1,2	CC.. 0602			77,05	**008**
SCFC R 1010 E06	10	10	70	10	12	1,2	CC.. 0602			83,28	**010**
SCFC R 1212 F09	12	12	80	13	16	3,2	CC.. 09T3			83,28	**012**
SCFC R 1616 H09	16	16	100	13	20	3,2	CC.. 09T3			103,10	**016**
SCFC R/L 2020 K12	20	20	125	17	25	5	CC.. 1204	107,60	**02000**[1)]	109,60	**020**

1) nickel-plated


Key D


Combination Key


Clamping screw


Carbide type C

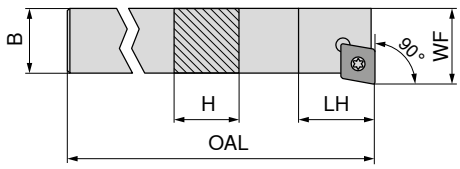

Threaded sleeve

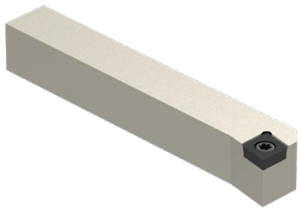
Spare parts for Article no.	80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 760 008	10,05	**110**			2,99	**13800**				
70 760 010	10,05	**110**			2,99	**13800**				
70 760 012	11,96	**113**			4,14	**113**				
70 760 016			10,66	**398**	4,14	**113**	12,46	**165**	5,98	**171**
70 760 020 / 70 761 02000			10,66	**398**	3,38	**114**	15,94	**166**	5,98	**170**

9

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	70 635 ... EUR 2A/24	
SCFC L 0808 D06	8	8	60	10	10	1,2	CC.. 0602	75,87	**00800**
SCFC L 1010 E06	10	10	70	10	12	1,2	CC.. 0602	80,94	**01000**
SCFC L 1212 F09	12	12	80	13	16	3,2	CC.. 09T3	80,94	**01200**
SCFC L 1616 H09	16	16	100	13	20	3,2	CC.. 09T3	101,20	**01600**

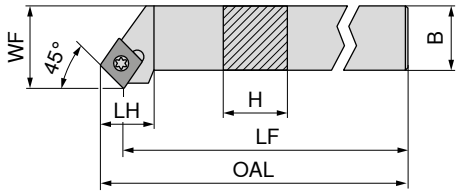

Key D

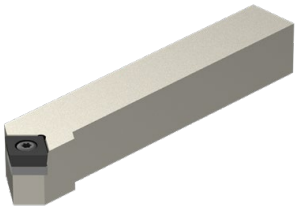

Clamping screw

for Article no.	80 950 ... EUR Y7		70 950 ... EUR 2A/28	
70 635 00800	8,11	**039**	5,38	**857**
70 635 01000	8,11	**039**	5,38	**857**
70 635 01200	11,79	**120**	4,82	**87900**
70 635 01600	11,79	**120**	4,82	**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	B	OAL	LH	WF	torque moment	Insert	NEW Left-hand 70 638 ... EUR 2A/24		NEW Right-hand 70 638 ... EUR 2A/24	
	mm	mm	mm	mm	mm	Nm					
SCSC R 1616 H12	16	16	100	20	20	5	CC.. 1204			101,20	**01601**
SCSC R/L 2020 K12	20	20	125	20	25	5	CC.. 1204	107,20	**02000**	107,20	**02001**
SCSC R/L 2525 M12	25	25	150	20	32	5	CC.. 1204	111,30	**02500**	111,30	**02501**


Key D


Clamping screw


Carbide type C

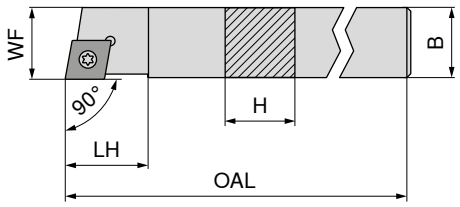

Threaded sleeve

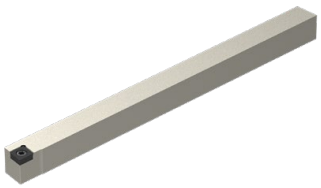
Spare parts for Article no.		80 950 ... EUR Y7			70 950 ... EUR 2A/28		70 950 ... EUR 2A/28			70 950 ... EUR 2A/28	
70 638 01601	T15 - IP	11,79	**120**	M4,5x12 - IP	3,84	**820**	15,94	**166**	M4,5	5,98	**170**
70 638 02001 / 70 638 02000	T15 - IP	11,79	**120**	M4,5x12 - IP	3,84	**820**	15,94	**166**	M4,5	5,98	**170**
70 638 02501 / 70 638 02500	T15 - IP	11,79	**120**	M4,5x12 - IP	3,84	**820**	15,94	**166**	M4,5	5,98	**170**

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	B	OAL	LH	WF	torque moment	Insert	NEW Left-hand 70 633 ... EUR 2A/24		NEW Right-hand 70 633 ... EUR 2A/24	
	mm	mm	mm	mm	mm	Nm					
SCAC R/L 0808 K06	8	8	125	9	8	1,2	CC.. 0602	80,94	**10800**	80,94	**10801**
SCAC R/L 0808 D06	8	8	60	9	8	1,2	CC.. 0602	75,87	**00800**	75,87	**00801**
SCAC R/L 1010 E06	10	10	70	9	10	1,2	CC.. 0602	80,94	**01000**	80,94	**01001**
SCAC R/L 1010 M06	10	10	150	9	10	1,2	CC.. 0602	80,94	**11000**	80,94	**11001**
SCAC R/L 1212 F09	12	12	80	13	12	3,2	CC.. 09T3	80,94	**01200**	80,94	**01201**
SCAC R/L 1212 M09	12	12	150	13	12	3,2	CC.. 09T3	91,06	**11200**	91,06	**11201**
SCAC R/L 1616 H09	16	16	100	13	16	3,2	CC.. 09T3	101,20	**11600**	101,20	**11601**
SCAC R/L 2020 K12	20	20	125	17	20	5	CC.. 1204	107,20	**12000**	107,20	**12001**


Key D


Clamping screw


Carbide type C


Threaded sleeve

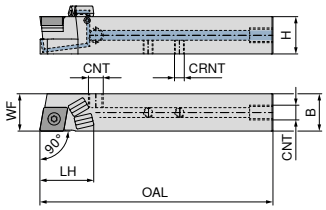
Spare parts for Article no.	80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 633 10801 / 70 633 10800	8,11	**039**	5,38	**857**				
70 633 00801 / 70 633 00800	8,11	**039**	5,38	**857**				
70 633 01001 / 70 633 01000	8,11	**039**	5,38	**857**				
70 633 11001 / 70 633 11000	8,11	**039**	5,38	**857**				
70 633 01201 / 70 633 01200	11,79	**120**	4,82	**87900**				
70 633 11201 / 70 633 11200	11,79	**120**	4,82	**87900**				
70 633 11601 / 70 633 11600	11,79	**120**	4,82	**87900**				
70 633 12001 / 70 633 12000	11,79	**120**	3,84	**820**	15,94	**166**	5,98	**170**

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

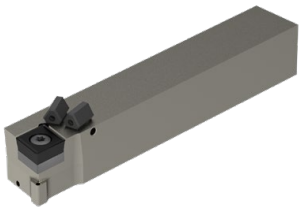
▲ for sliding head lathes

Scope of supply:

Tool holder with blind plug and Torx key



Illustrations show right-hand versions



										NEW	NEW
										Left-hand	Right-hand
										70 766 ...	**70 766 ...**
ISO designation	H	B	OAL	LH	WF	CRNT	CNT	torque moment	Insert	EUR	EUR
	mm	mm	mm	mm	mm			Nm		2A/24	2A/24
SCAC R/L 1212 M09 DC	12	12	150	21	12	M6	M6	3,2	CC.. 09T3	183,00 **11201**	183,00 **11200**
SCAC R/L 1212 F09 DC	12	12	80	22	12	M6	M6	3,2	CC.. 09T3	171,30 **01201**	171,30 **01200**
SCAC R/L 1616 H09 DC	16	16	100	30	16	M6	G1/8"	3,2	CC.. 09T3	190,30 **01601**	190,30 **01600**
SCAC R/L 2020 K12 DC	20	20	125	30	20	M6	G1/8"	5	CC.. 1204	201,70 **02001**	201,70 **02000**

Clamping screw

Carbide type C

Grubscrew

Grubscrew

Threaded sleeve

	70 950 ...		**70 950 ...**		**70 950 ...**		**70 950 ...**		**70 950 ...**	
Spare parts	EUR		EUR		EUR		EUR		EUR	
for Article no.	2A/28		2A/28		2A/28		2A/28		2A/28	
70 766 11200 / 70 766 11201	4,14	**859**					3,84	**86700**		
70 766 01200 / 70 766 01201	4,14	**859**					3,84	**86700**		
70 766 01600 / 70 766 01601	4,82	**87900**	12,46	**165**	2,19	**88000**	3,84	**86700**	5,98	**171**
70 766 02000 / 70 766 02001	3,84	**820**	15,94	**166**	2,19	**88000**	3,84	**86700**	5,98	**170**

Sealing plugs DC

Key D

O-Ring

Coolant nozzle DC

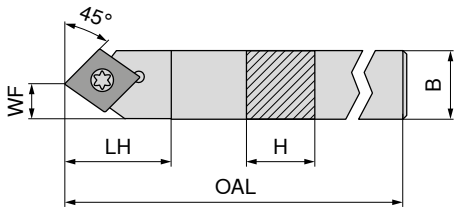
Coolant screw plug

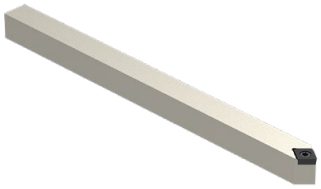
	70 950 ...		**80 950 ...**		**70 950 ...**		**70 950 ...**		**70 950 ...**	
Spare parts	EUR		EUR		EUR		EUR		EUR	
for Article no.	2A/28		Y7		2A/28		2A/28		2A/28	
70 766 11200 / 70 766 11201			11,79	**120**						
70 766 01200 / 70 766 01201			11,79	**120**						
70 766 01600 / 70 766 01601	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 766 02000 / 70 766 02001	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**

9

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	EUR 2A/24	
SCDC L 0808 K06	8	8	125	13	4	1,2	CC.. 0602	75,87	**00800**
SCDC L 1010 M06	10	10	150	13	5	1,2	CC.. 0602	80,94	**01000**
SCDC L 1212 M09	12	12	150	18	6	3,2	CC.. 09T3	91,06	**01200**
SCDC L 1414 M09	14	14	150	18	7	3,2	CC.. 09T3	91,06	**01400**

Key D

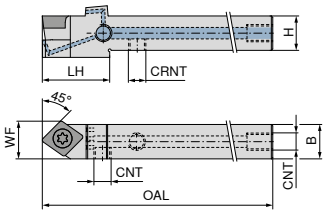
Clamping screw

Spare parts for Article no.		**80 950 ...** EUR Y7			**70 950 ...** EUR 2A/28	
70 634 00800	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**
70 634 01000	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**
70 634 01200	T15 - IP	11,79	**120**	M3,5x11	4,82	**87900**
70 634 01400	T15 - IP	11,79	**120**	M3,5x11	4,82	**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	EUR 2A/24	
SCDC L 0808 K06 DC	8	8	125	17	8,5	M5	M5	1,2	CC.. 0602	171,30	**00801**
SCDC L 1010 M06 DC	10	10	150	17	10,0	M6	M6	1,2	CC.. 0602	171,30	**01001**
SCDC L 1212 M09 DC	12	12	150	23	13,0	M6	M6	3,2	CC.. 09T3	183,00	**01201**
SCDC L 1414 M09 DC	14	14	150	25	14,0	M6	G1/8"	3,2	CC.. 09T3	183,00	**01401**

Coolant screw plug

Clamping screw

Grubscrew

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

Spare parts for Article no.		EUR 2A/28			EUR 2A/28			EUR 2A/28	
70 767 00801				M2,5x6 - T08	2,99	**13800**			
70 767 01001				M2,5x6 - T08	2,99	**13800**	M6x6	3,84	**86700**
70 767 01201				M3,5x11	4,14	**113**	M6x6	3,84	**86700**
70 767 01401	G 1/8"	4,59	**294**	M3,5x11	4,14	**113**	M6x6	3,84	**86700**

Cylindrical screw

Key D

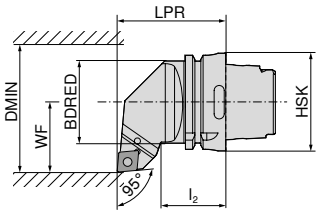
83 950 ... | **80 950 ...**

Spare parts for Article no.		EUR Y7			EUR Y7	
70 767 00801	M5x5 - SW2,5	2,39	**157**	T08 - IP	8,11	**039**
70 767 01001				T08 - IP	8,11	**039**
70 767 01201				T15 - IP	11,79	**120**
70 767 01401				T15 - IP	11,79	**120**

9

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

Scope of supply:
Tool holder with Torx key



Illustrations show right-hand versions

									Left-hand		Right-hand	
									74 541 ...		**74 540 ...**	
ISO designation	Adapter	LPR mm	l_2 mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	EUR 2D/80		EUR 2D/80	
HSK T63 SCLC R/L 12	HSK-T 63	70	42	53	45	100	5	CC.. 1204	286,80	**512**	286,80	**512**

Combination Key

Clamping screw

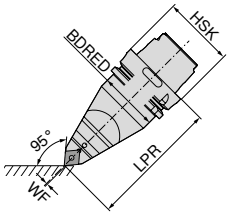
Carbide type C

Threaded sleeve

					70 950 ...			**70 950 ...**		**70 950 ...**		**70 950 ...**	
Spare parts for Article no.					EUR 2A/28			EUR 2A/28		EUR 2A/28		EUR 2A/28	
74 540 512 / 74 541 512		T15/SW			10,66	**398**	M4,5x12	3,38	**114**	15,94	**166**	M4,5	5,98	**170**

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

Scope of supply:
Tool holder with Torx key



								Neutral	
								74 542 ...	
ISO designation	Adapter	LPR mm	BDRED mm	WF mm	torque moment Nm	Insert		EUR 2D/80	
HSK T63 SCMC N 12	HSK-T 63	115	53	0	5	CC.. 1204		391,70	**512**

Combination Key

Clamping screw

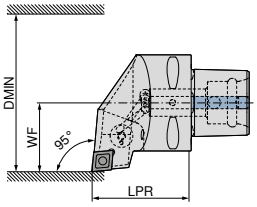
Carbide type C

Threaded sleeve

					70 950 ...			**70 950 ...**		**70 950 ...**		**70 950 ...**	
Spare parts for Article no.					EUR 2A/28			EUR 2A/28		EUR 2A/28		EUR 2A/28	
74 542 512		T15/SW			10,66	**398**	M4,5x12	3,38	**114**	15,94	**166**	M4,5	5,98	**170**

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 ... EUR Y8		Right-hand 84 654 ... EUR Y8	
PSC40 SCLC R/L 50050-12	PSC 40	50	27	50	5	CC.. 1204	DC	252,20	**01295**	252,20	**01295**
PSC50 SCLC R/L 65060-12	PSC 50	60	35	65	5	CC.. 1204	DC	289,10	**01294**	289,10	**01294**
PSC63 SCLC R/L 80065-12	PSC 63	65	45	80	5	CC.. 1204	DC	321,60	**01293**	321,60	**01293**

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

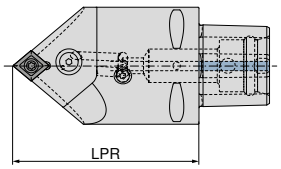
Clamping screw

Spare parts for Article no.	84 950 ... EUR Y8	
84 654 01295 / 84 655 01295	5,93	**27500**
84 654 01294 / 84 655 01294	5,93	**27500**
84 654 01293 / 84 655 01293	5,93	**27500**

9

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

Scope of supply:
without high-performance coolant set

Neutral

ISO designation	Adapter	LPR mm	torque moment Nm	Insert	Direct cooling compatible	84 674 ... EUR Y8	
PSC63 SCMC N 0100-12	PSC 63	100	5	CC.. 1204	DC	321,60	**01293**
PSC63 SCMC N 0130-12	PSC 63	130	5	CC.. 1204	DC	321,60	**11293**

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

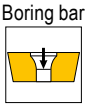
Clamping screw

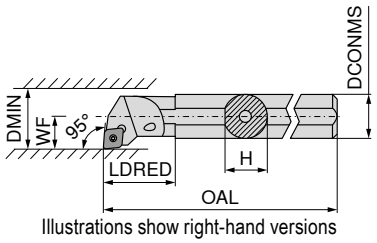
Spare parts for Article no.	84 950 ... EUR Y8	
84 674 01293	5,93	**27500**
84 674 11293	5,93	**27500**

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





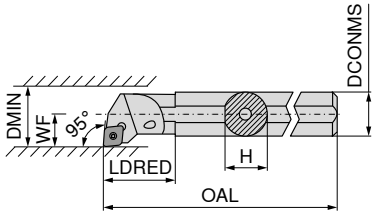
Illustrations show right-hand versions

									Left-hand		Right-hand	
									70 717 ...		**70 716 ...**	
ISO designation	DCONMS	H	OAL	LDRED	WF	DMIN	torque moment	Insert	EUR		EUR	
	mm	mm	mm	mm	mm	mm	Nm		2A/24		2A/24	
S08H SCLC R/L 06	8	7,2	100	11,0	5	11	1,2	CC.. 0602	124,50	**008**	124,50	**008**
A08F SCLC R/L 06	8	7,6	80	17,0	5	11	1,2	CC.. 0602	124,50	**208**	124,50	**208**
S10K SCLC R/L 06	10	9,0	125	15,0	7	13	1,2	CC.. 0602	124,50	**010**	124,50	**010**
A10H SCLC R/L 06	10	9,5	100	19,0	7	13	1,2	CC.. 0602	124,50	**210**	124,50	**210**
S12Q SCLC R/L 06	12	11,0	180	18,8	9	16	1,2	CC.. 0602	124,50	**012**	124,50	**012**
A12K SCLC R/L 06	12	11,5	125	22,0	9	16	1,2	CC.. 0602	124,50	**212**	124,50	**212**
A16M SCLC R/L 06	16	14,0	150	50,0	9	18	1,2	CC.. 0602	124,80	**116**	124,80	**116**
S16R SCLC R/L 09	16	14,5	200	25,0	11	20	3,2	CC.. 09T3	127,20	**016**	127,20	**016**
A16M SCLC R/L 09	16	15,0	150	29,0	11	20	3,2	CC.. 09T3	127,20	**216**	127,20	**216**
S20S SCLC R/L 09	20	18,0	250	25,0	13	25	3,2	CC.. 09T3	158,60	**020**	158,60	**020**
A20Q SCLC R/L 09	20	18,5	180	32,0	13	25	3,2	CC.. 09T3	158,60	**220**	158,60	**220**
S25T SCLC R/L 09	25	23,0	300	20,0	17	32	3,2	CC.. 09T3	182,30	**025**	182,30	**025**
A25R SCLC R/L 09	25	23,0	200	36,0	17	32	3,2	CC.. 09T3	182,30	**225**	182,30	**225**
A32S SCLC R/L 12	32	30,0	250	50,0	22	40	5	CC.. 1204	250,60	**232**	250,60	**232**
A40T SCLC R/L 12	40	38,0	300	60,0	27	50	5	CC.. 1204	301,00	**240**	301,00	**240**

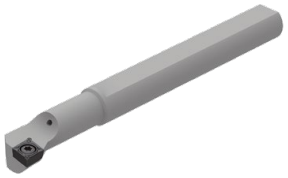
	 Key D		 Combination Key		 Clamping screw		 Carbide type C		 Threaded sleeve	
	80 950 ...		**70 950 ...**		**70 950 ...**		**70 950 ...**		**70 950 ...**	
Spare parts for Article no.	EUR Y7		EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28	
70 716 008 / 70 717 008	10,05	**110**			3,32	**116**				
70 716 208 / 70 717 208	10,05	**110**			3,32	**116**				
70 716 010 / 70 717 010	10,05	**110**			3,32	**116**				
70 716 210 / 70 717 210	10,05	**110**			3,32	**116**				
70 716 012 / 70 717 012	10,05	**110**			3,32	**116**				
70 716 212 / 70 717 212	10,05	**110**			3,32	**116**				
70 716 116 / 70 717 116	10,05	**110**			3,32	**116**				
70 716 016 / 70 717 016	11,96	**113**			4,14	**110**				
70 716 216 / 70 717 216	11,96	**113**			4,14	**110**				
70 716 020 / 70 717 020	11,96	**113**			4,14	**110**				
70 716 220 / 70 717 220	11,96	**113**			4,06	**304**				
70 716 025 / 70 717 025	11,96	**113**			4,14	**113**				
70 716 225 / 70 717 225	11,96	**113**			4,06	**304**				
70 716 232 / 70 717 232			10,66	**398**	3,38	**114**	15,94	**166**	5,98	**170**
70 716 240 / 70 717 240			10,66	**398**	3,38	**114**	15,94	**166**	5,98	**170**

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

▲ with carbide core



Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 719 ... EUR 2A		Right-hand 70 718 ... EUR 2A	
E-A08F SCLC R/L 06	8	7,5	80	20,60	6	12	1,2	CC.. 0602	228,50	**208**	228,50	**208**
E-A10H SCLC R/L 06	10	9,0	100	31,75	7	14	1,2	CC.. 0602	228,50	**210**	228,50	**210**
E-A12K SCLC R/L 06	12	11,0	125	20,00	9	18	1,2	CC.. 0602	246,20	**212**	246,20	**212**
E-A16M SCLC R/L 09	16	15,0	150	45,30	11	22	3,2	CC.. 09T3	417,70	**216**	417,70	**216**
E-A20Q SCLC R/L 09	20	18,0	180	38,00	13	26	3,2	CC.. 09T3	516,40	**220**	516,40	**220**
E-A25R SCLC R/L 09	25	23,0	200	40,25	17	34	3,2	CC.. 09T3	655,60	**225**	655,60	**225**
E-A32S SCLC R/L 12	32	30,0	250	50,25	22	39	5	CC.. 1204	1.032,00	**232**	1.032,00	**232**

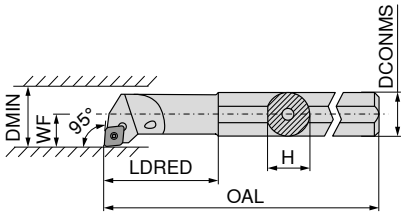
Key D

Clamping screw

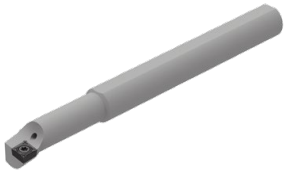
Spare parts for Article no.		80 950 ... EUR Y7		70 950 ... EUR 2A/28	
70 718 208 / 70 719 208	T08	10,05	**110**	M2,5x5	3,32	**116**
70 718 210 / 70 719 210	T08	10,05	**110**	M2,5x5	3,32	**116**
70 718 212 / 70 719 212	T08	10,05	**110**	M2,5x5	3,32	**116**
70 718 216 / 70 719 216	T15	11,96	**113**	M4x9,5	4,06	**449**
70 718 220 / 70 719 220	T15	11,96	**113**	M4x9,5	4,06	**449**
70 718 225 / 70 719 225	T15	11,96	**113**	M4x9,5	4,06	**449**
70 718 232 / 70 719 232	T15	11,96	**113**	M4x11	4,46	**174**

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

▲ with carbide core



Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 719 ... EUR 2A		Right-hand 70 718 ... EUR 2A	
E-A0608F SCLC R/L 06	8	7,5	100	25	4	8	1,2	CC.. 0602	246,20	**308**	246,20	**308**
E-A0810H SCLC R/L 06	10	9,0	110	32	6	12	1,2	CC.. 0602	246,20	**310**	246,20	**310**
E-A1012K SCLC R/L 06	12	11,0	125	38	7	14	1,2	CC.. 0602	246,20	**312**	246,20	**312**
E-A1216M SCLC R/L 06	16	15,0	150	50	9	18	1,2	CC.. 0602	246,20	**316**	246,20	**316**

Key D

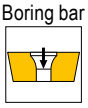
Clamping screw

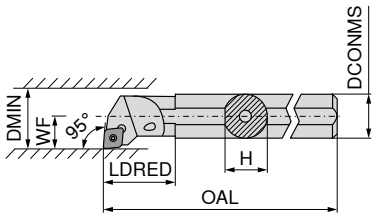
Spare parts for Article no.		80 950 ... EUR Y7		70 950 ... EUR 2A/28	
70 718 308 / 70 719 308	T08	10,05	**110**	M2,5x5	3,32	**116**
70 718 310 / 70 719 310	T08	10,05	**110**	M2,5x5	3,32	**116**
70 718 312 / 70 719 312	T08	10,05	**110**	M2,5x5	3,32	**116**
70 718 316 / 70 719 316	T08	10,05	**110**	M2,5x5	3,32	**116**

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

▲ Type: Solid carbide

Scope of supply:
Boring bar with Torx key





Illustrations show right-hand versions

ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 719 ... EUR 2A/24		Right-hand 70 718 ... EUR 2A/24	
E08H SCLC R/L 06	8	7,6	100	20	6	11	1,2	CC.. 0602	283,20	**008**	283,20	**008**
E10K SCLC R/L 06	10	9,0	125	22	7	13	1,2	CC.. 0602	327,10	**010**	327,10	**010**
E12Q SCLC R/L 06	12	11,5	180	26	9	16	1,2	CC.. 0602	429,60	**012**	429,60	**012**
E16R SCLC R/L 09	16	15,0	200	34	11	20	3,2	CC.. 09T3	561,40	**016**	561,40	**016**
E20S SCLC R/L 09	20	18,5	250	38	13	25	3,2	CC.. 09T3	701,20	**020**	701,20	**020**
E25T SCLC R/L 09	25	23,0	300	43	17	32	3,2	CC.. 09T3	1.236,00	**025**	1.236,00	**025**

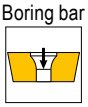
Key D

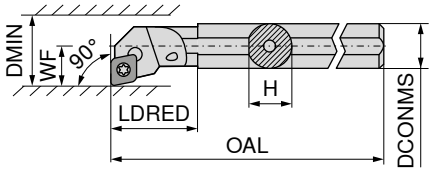
Clamping screw

Spare parts for Article no.		80 950 ... EUR Y7		70 950 ... EUR 2A/28	
70 719 008 / 70 718 008	T08	10,05	**110**	M2,5x5	3,32	**116**
70 719 010 / 70 718 010	T08	10,05	**110**	M2,5x5	3,32	**116**
70 719 012 / 70 718 012	T08	10,05	**110**	M2,5x5	3,32	**116**
70 719 016 / 70 718 016	T15	11,96	**113**	M3,5x7,2	4,14	**110**
70 719 020 / 70 718 020	T15	11,96	**113**	M3,5x8,6	4,06	**304**
70 719 025 / 70 718 025	T15	11,96	**113**	M3,5x11	4,14	**113**

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

Scope of supply:
Boring bar with Torx key





Illustrations show right-hand versions

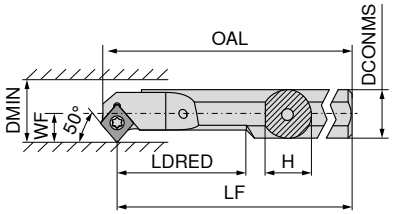
ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 793 ... EUR 2A/24		Right-hand 70 792 ... EUR 2A/24	
A08F SCFC R/L 06	8	7,6	80	17	5	11	1,2	CC.. 0602	124,50	**208**	124,50	**208**
A10H SCFC R/L 06	10	9,5	100	19	7	13	1,2	CC.. 0602	124,50	**210**	124,50	**210**
A12K SCFC R/L 06	12	11,5	125	22	9	16	1,2	CC.. 0602	124,50	**212**	124,50	**212**

Key D

Clamping screw

Spare parts for Article no.		80 950 ... EUR Y7		70 950 ... EUR 2A/28	
70 792 208 / 70 793 208	T08	10,05	**110**	M2,5x5	3,32 **116**
70 792 210 / 70 793 210	T08	10,05	**110**	M2,5x5	3,32 **116**
70 792 212 / 70 793 212	T08	10,05	**110**	M2,5x5	3,32 **116**

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



Illustrations show right-hand versions

ISO designation	DCONMS mm	H mm	OAL mm	LF mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 723 ... EUR 2A		Right-hand 70 722 ... EUR 2A	
A08H SCMC R/L 06	8	7	104,15	100	20	5,5	10,5	1,2	CC.. 0602	122,10	**208**	122,10	**208**
A10H SCMC R/L 06	10	9	114,15	110	26	6,0	11,0	1,2	CC.. 0602	122,10	**210**	122,10	**210**
A12K SCMC R/L 06	12	11	129,15	125	32	7,0	13,0	1,2	CC.. 0602	122,10	**212**	122,10	**212**
A16M SCMC R/L 06	16	15	154,15	150	40	9,0	16,0	1,2	CC.. 0602	124,80	**216**	124,80	**216**

Key D

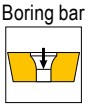
Clamping screw

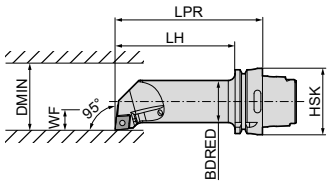
Spare parts for Article no.		80 950 ... EUR Y7		70 950 ... EUR 2A/28	
70 723 208 / 70 722 208	T08	10,05	**110**	M2,5x5	3,32 **116**
70 723 210 / 70 722 210	T08	10,05	**110**	M2,5x5	3,32 **116**
70 723 212 / 70 722 212	T08	10,05	**110**	M2,5x5	3,32 **116**
70 723 216 / 70 722 216	T08	10,05	**110**	M2,5x5	3,32 **116**

9

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

Scope of supply:
Boring bar with Torx key





Illustrations show right-hand versions

									Left-hand		Right-hand	
									74 564 ...		**74 563 ...**	
ISO designation	Adapter	LPR mm	LH mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	**EUR** 2D/80		**EUR** 2D/80	
HSK T63 40L SCLC R/L 12	HSK-T 63	140	114	40	27	50	5	CC.. 1204	394,60	**512**	394,60	**512**

Combination Key

Clamping screw

Carbide type C

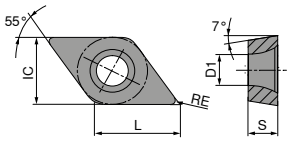
Threaded sleeve

									70 950 ...		**70 950 ...**		**70 950 ...**	
Spare parts for Article no.									**EUR** 2A/28		**EUR** 2A/28		**EUR** 2A/28	
74 563 512 / 74 564 512		T15/SW					M4,5x12		10,66	**398**	3,38	**114**	15,94	**166**

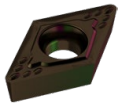
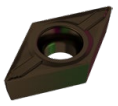
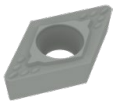
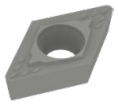
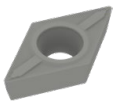
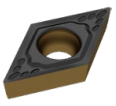
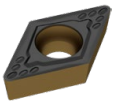
			70 950 ...
			EUR 2A/28
M4,5			5,98	**170**

DCGT / DCMT / DCET

Designation	L	S	D1	IC
	mm	mm	mm	mm
DC.T 0702..	7,75	2,38	2,8	6,35
DC.T 11T3..	11,60	3,97	4,4	9,52

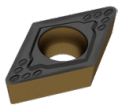
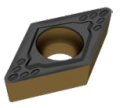
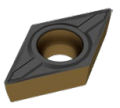
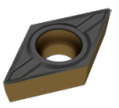
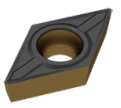
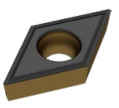
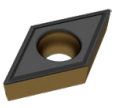


DCGT / DCMT

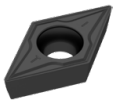
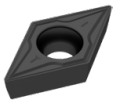
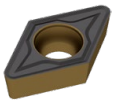
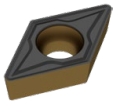
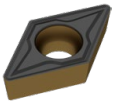
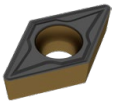
		-CF05 CTEP110	-CF55 CTEP110	-SF TCM407	-SF TCM10	-SMF TCM10	NEW -SF CTCP125-P	NEW -SF CTCP115-P
		DRAGONSKIN	DRAGONSKIN				DRAGONSKIN	DRAGONSKIN
								
		F	F	F	F	F	F	F
		CERMET DCGT	CERMET DCMT	CERMET DCGT	CERMET DCGT	CERMET DCMT	DCGT	DCMT
		76 245 ...	76 246 ...	70 257 ...	70 257 ...	70 265 ...	76 257 ...	76 259 ...
ISO	RE mm	EUR 1A/78	EUR 1A/78	EUR 1A/78	EUR 1A/78	EUR 1A/78	EUR 1A/08	EUR 1A/08
070201EN	0,1				17,64 898			
070202EN	0,2	18,22 002	10,34 002		17,64 900	9,57 898	18,22 50201	
070204EN	0,4	18,22 004	10,34 004	17,64 852	17,64 902	9,57 900		10,23 30401
11T302EN	0,2	24,12 014		22,50 854	22,50 904			
11T304EN	0,4	24,12 016	14,34 016	22,50 856	22,50 906	13,43 904		14,36 31601
11T308EN	0,8	24,12 018	14,34 018	22,50 858	22,50 908	13,43 906		14,36 31801
P		●	●	●	●	●	●	●
M		○	○	○	○	○		
K		○	○	○	○	○	○	○
N								
S								
H								
O								

9

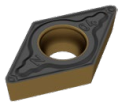
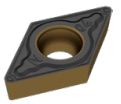
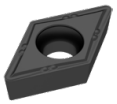
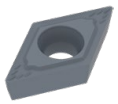
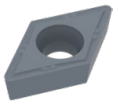
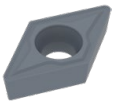
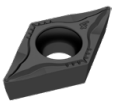
DCMT / DCGT

		NEW	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	F	F	F	F	M	M
		DCMT	DCMT	DCMT	DCMT	DCMT	DCGT	DCGT
		76 259 ...	76 259 ...	76 265 ...	76 265 ...	76 265 ...	76 256 ...	76 256 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
070202EN	0,2						18,22 50201	18,22 70201
070204EN	0,4	10,23 50401	10,23 70401		10,23 50401	10,23 70401		
070208EN	0,8					10,23 70601		
11T304EN	0,4	14,36 51601	14,36 71601	14,36 31601	14,36 51601	14,36 71601		
11T308EN	0,8	14,36 51801	14,36 71801	14,36 31801	14,36 51801	14,36 71801		
P		●	●	●	●	●	●	●
M			○			○		○
K		○		○	○		○	
N								
S								
H								
O								

DCMT

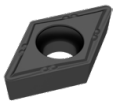
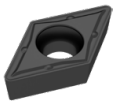
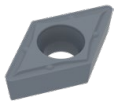
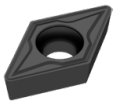
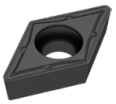
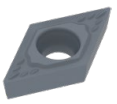
				NEW	NEW	NEW	NEW
		-SM CTCK110	-SM CTCK120	-SM CTCP115-P	-SM CTCP115-P	-SM CTCP125-P	-SM CTCP135-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
							
		M	M	M	M	M	M
		DCMT	DCMT	DCMT	DCMT	DCMT	DCMT
		70 258 ...	70 258 ...	76 183 ...	76 258 ...	76 258 ...	76 258 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
070204EN	0,4	10,23 004	10,23 554		10,23 30401	10,23 50401	10,23 70401
070208EN	0,8	10,23 006	10,23 506		10,23 30601	10,23 50601	10,23 70601
11T304EN	0,4	14,36 016	14,36 516		14,36 31601	14,36 51601	14,36 71601
11T308EN	0,8	14,36 018	14,36 518		14,36 31801	14,36 51801	14,36 71801
11T312EN	1,2			14,36 32001		14,36 52001	
P		○	○	●	●	●	●
M							○
K		●	●	○	○	○	
N							
S							
H							
O							

DCMT

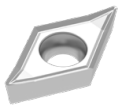
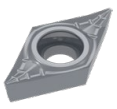
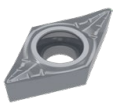
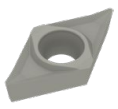
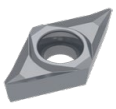
		NEW	NEW		NEW		NEW	NEW
		-SMQ CTCP115-P	-SMQ CTCP125-P	-M25 CTCM120	-SF CTPM125	-M25 CTPM125	-SM CTPM125	-F43 CTCM130
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		M	M	F	F	F	M	F
		DCMT	DCMT	DCMT	DCMT	DCMT	DCMT	DCMT
		76 195 ...	76 195 ...	75 213 ...	75 044 ...	75 213 ...	75 048 ...	75 032 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
070202EN	0,2			10,23 10200		10,23 202		10,23 30200
070204EN	0,4	11,66 30401	11,66 50401	10,23 10400	10,23 20400	10,23 204		10,23 30400
11T302EN	0,2			14,36 11400		14,36 214		14,36 31400
11T304EL	0,4	16,02 31601	16,02 51601					
11T304EN	0,4	16,02 31501	16,02 51501	14,36 11600	14,36 21600	14,36 216		14,36 31600
11T304ER	0,4	16,02 31701	16,02 51701					
11T308EN	0,8	16,02 31801	16,02 51801	14,36 11800	14,36 21800	14,36 218	14,36 21800	14,36 31800
P		●	●	○	○	○	○	○
M				●	●	●	●	●
K		○	○					
N								
S								○
H								
O								

9

DCMT / DCGT

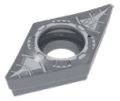
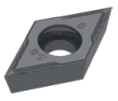
				NEW		NEW
		-M25 CTCM130	-M55 CTCM120	-M55 CTPM125	-SM CTCM130	-M55 CTCM130	-SF CTPM125
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
							
		F	M	M	M	M	F
		DCMT	DCMT	DCMT	DCMT	DCMT	DCGT
		75 213 ...	75 214 ...	75 214 ...	75 048 ...	75 214 ...	75 043 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
070202EN	0,2	10,23 30200					18,22 20200
070204EN	0,4	10,23 30400	10,23 10400	10,23 204	10,23 30400	10,23 30400	
070208EN	0,8		10,23 10600	10,23 206	10,23 30600	10,23 30600	
11T302EN	0,2	14,36 31400					
11T304EN	0,4	14,36 31600	14,36 11600	14,36 216	14,36 31600	14,36 31600	
11T308EN	0,8	14,36 31800	14,36 11800	14,36 218	14,36 31800	14,36 31800	
P		○	○	○	○	○	○
M		●	●	●	●	●	●
K							
N							
S		○			○	○	
H							
O							

DCGT

	-23P H216T	-25P H210T	-25P CTPX710 DRAGONSKIN	-25Q H210T	-25Q CTPX710 DRAGONSKIN	-27 H10T	-27 CTPX715 DRAGONSKIN
							
	F DCGT	F DCGT	M DCGT	M DCGT	M DCGT	M DCGT	M DCGT
	70 261 ...	70 263 ...	70 263 ...	70 263 ...	70 263 ...	70 260 ...	70 260 ...
ISO	RE mm	EUR 1A/90	EUR 1A/90	EUR 1A/90	EUR 1A/90	EUR 1A/90	EUR 1A/90	EUR 1A/90
070202FN	0,2		12,92 632	15,45 70200			12,20 600	14,83 80200
070204FN	0,4	12,92 654	12,92 634	15,45 70400			12,20 602	14,83 80400
11T302FN	0,2		16,02 635	18,68 71400			15,29 604	17,96 81400
11T304FN	0,4	16,02 664	16,02 636	18,68 71600	17,50 660	22,30 75600	15,29 606	17,96 81600
11T304FL	0,4				17,50 670	22,30 75700		
11T304FR	0,4				17,50 680	22,30 75800		
11T308FN	0,8	16,02 666	16,02 638	18,68 71800	17,50 662	22,30 76000	15,29 608	17,96 81800
11T308FL	0,8				17,50 672			
11T308FR	0,8				17,50 682			
P				●		●		●
M				●		●		●
K		○	○		○		○	○
N		●	●	●	●	●	●	●
S			○	●	○	●		●
H								
O		○	○		○		○	○

→ v_c Page 196–209

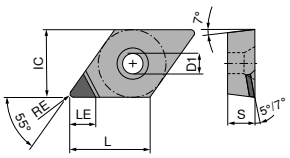
DCMT / DCET

		NEW		
		-29 H216T	-29 CTPX715	-F05 CTPX710
			DRAGONSKIN	DRAGONSKIN
				
		M	M	F
		DCMT	DCMT	DCET
		70 246 ...	70 246 ...	76 254 ...
ISO	RE mm	EUR 1A/90	EUR 1A/90	EUR 1A/08
0702005FN	0,05			22,03 10200
070201FN	0,10			22,03 10400
0702015FN	0,15			22,03 10600
070202FN	0,20			22,03 10800
070204EN	0,40	9,37 60400	11,52 70400	
11T3005FN	0,05			29,20 11400
11T301FN	0,10			29,20 11600
11T3015FN	0,15			29,20 11800
11T302FN	0,20			29,20 12000
11T304EN	0,40	12,61 61600	14,39 71600	
11T304FN	0,40			29,20 12200
11T308EN	0,80	12,61 61800	14,39 71800	
P			●	●
M			●	●
K		○	○	
N		●	●	●
S			●	●
H				
O		○	○	

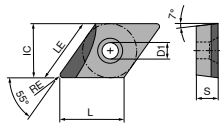
9

DCGW / DCGT

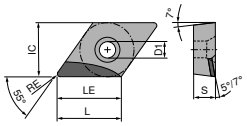
Designation	L	S	D1	IC
	mm	mm	mm	mm
DCG. 0702..	7,75	2,38	2,8	6,35
DCG. 11T3..	11,60	3,97	4,4	9,52



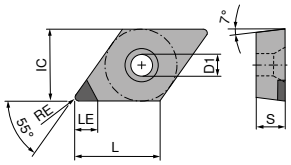
DCGT A



DCGT A L



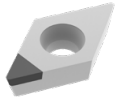
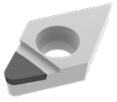
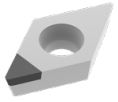
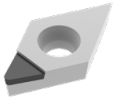
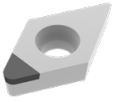
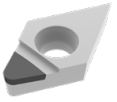
DCGT A R



DCGW A

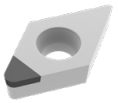
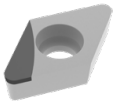
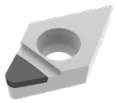
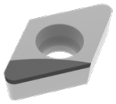
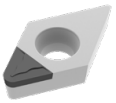
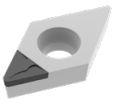
DCGW / DCGT

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

				CTDMD05		CTDMD05		-Q CTDMD05		-Q CTDMD05		CTDPD20		CTDPD20	
															
				F		F		F		F		F		F	
				DIAMOND DCGW		DIAMOND DCGT		DIAMOND DCGW		DIAMOND DCGT		DIAMOND DCGW		DIAMOND DCGT	
				71 130 ...		71 134 ...		71 178 ...		71 176 ...		71 130 ...		71 134 ...	
ISO	RE mm	TCE (NOI)	LE mm	EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0	
070202FN	0,2	A (1)	2,5	377,00	00200	402,50	050								
070202FN	0,2	A (1)	3,7									64,00	100	64,00	100
070204FN	0,4	A (1)	2,5	377,00	00400	402,50	052								
070204FR	0,4	A (1)	2,5							565,00	50001				
070204FN	0,4	A (1)	3,4									64,00	102	64,00	102
070208FN	0,8	A (1)	2,5	377,00	00600	402,50	054								
070208FN	0,8	A (1)	3,0									64,00	104	64,00	104
11T302FN	0,2	A (1)	2,5			402,50	056								
11T302FN	0,2	A (1)	3,0	377,00	056										
11T302FN	0,2	A (1)	4,7									74,00	106	74,00	106
11T304FN	0,4	A (1)	2,5			402,50	058								
11T304FL	0,4	A (1)	3,0					565,00	50001						
11T304FN	0,4	A (1)	3,0	377,00	058										
11T304FN	0,4	A (1)	4,3									74,00	108	74,00	108
11T308FN	0,8	A (1)	2,5			402,50	060								
11T308FN	0,8	A (1)	4,0									74,00	110	74,00	110
11T312FN	1,2	A (1)	3,5											74,00	11200
11T312FN	1,2	A (1)	3,6									74,00	11200		
P															
M															
K															
N				●		●		●		●		●		●	
S															
H															
O				●		●		●		●		●		●	

DCGW / DCGT

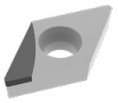
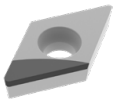
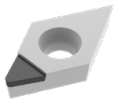
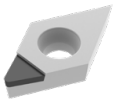
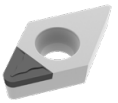
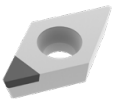
▲ TCE(NOI) = Design and number of equipped cutting edge corners

				CTDPS30	CTDPS30	CTDPS30	CTDPS30	-CB1 CTDPU20	-CB2 CTDPU20
									
				F	F	F	F	F	M
				DIAMOND DCGW	DIAMOND DCGT	DIAMOND DCGT	DIAMOND DCGT	DIAMOND DCGT	DIAMOND DCGT
				71 177 ...	71 173 ...	71 173 ...	71 173 ...	71 174 ...	71 175 ...
ISO	RE mm	TCE (NOI)	LE mm	EUR Y0	EUR Y0	EUR Y0	EUR Y0	EUR Y0	EUR Y0
070201FN	0,1	A (1)	3,8	64,00 20001		64,00 20001			
070202FN	0,2	A (1)	3,7	64,00 20101		64,00 20101		72,00 30001	
070204FN	0,4	A (1)	3,4	64,00 20201				72,00 30101	72,00 30001
070204FL	0,4	A (1)	5,5		102,20 20201				
070208FN	0,8	A (1)	3,0	64,00 20301					
11T301FN	0,1	A (1)	4,8	74,00 20401		74,00 20301			
11T302FN	0,2	A (1)	4,7	74,00 20501		74,00 20401			
11T304FN	0,4	A (1)	4,3	74,00 20601				82,00 30201	82,00 30101
11T304FL	0,4	A (1)	7,5		112,10 20501				
11T308FN	0,8	A (1)	4,0	74,00 20701				82,00 30301	
11T308FL	0,8	A (1)	7,0		112,10 20601				
11T308FR	0,8	A (1)	7,0				112,10 20701		
11T312FN	1,2	A (1)	3,6	74,00 20801					
11T312FL	1,2	A (1)	6,5		112,10 20801				
11T312FR	1,2	A (1)	6,5				112,10 20901		
P									
M									
K									
N				●	●	●	●	●	●
S									
H									
O				●	●	●	●	●	●

9

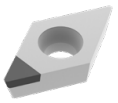
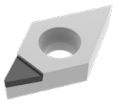
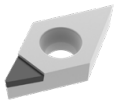
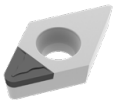
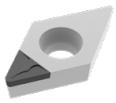
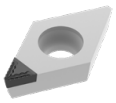
DCGT / DCGW

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

				CTDPD20		CTDPD20		-Q CTDPD20		-Q CTDPD20		-CB1 CTDPD20		-Q CTDPS30	
															
				F		F		F		F		F		F	
				DIAMOND DCGT		DIAMOND DCGT		DIAMOND DCGT		DIAMOND DCGT		DIAMOND DCGT		DIAMOND DCGW	
				71 136 ...		71 135 ...		71 144 ...		71 145 ...		71 310 ...		71 138 ...	
ISO	RE mm	TCE (NOI)	LE mm	EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0	
070201FN	0,1	A (1)	3,8									72,00	10100		
070202FN	0,2	A (1)	3,7									72,00	102		
070204FL	0,4	A (1)	3,0							72,00	104				
070204FR	0,4	A (1)	3,0					72,00	104						
070204FN	0,4	A (1)	3,4									72,00	104		
070204FRR	0,4	A (1)	5,5			64,00	102								
070204FLL	0,4	A (1)	5,5	64,00	102										
070208FN	0,8	A (1)	3,0									72,00	108		
070208FRR	0,8	A (1)	5,0			64,00	104								
070208FLL	0,8	A (1)	5,0	64,00	104										
11T301FN	0,1	A (1)	4,8									82,00	11100		
11T302FR	0,2	A (1)	4,0											82,00	162
11T302FN	0,2	A (1)	4,7									82,00	112		
11T304FL	0,4	A (1)	4,0							82,00	114				
11T304FR	0,4	A (1)	4,0					82,00	114					82,00	164
11T304FN	0,4	A (1)	4,3									82,00	114		
11T304FRR	0,4	A (1)	7,5			80,00	108								
11T304FLL	0,4	A (1)	7,5	80,00	108										
11T308FN	0,8	A (1)	4,0									82,00	118		
11T308FRR	0,8	A (1)	7,0			80,00	110								
11T308FLL	0,8	A (1)	7,0	80,00	110										
P															
M															
K															
N				●		●		●		●		●		●	
S															
H															
O				●		●		●		●		●		●	

DCGW / DCGT

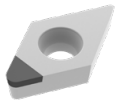
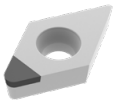
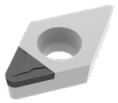
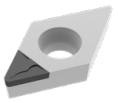
▲ TCE(NOI) = Design and number of equipped cutting edge corners

				-Q CTDPS30		-Q CTDPS30		-Q CTDPS30		-CB1 CTDPS30		-CB2 CTDPS30		-CB3 CTDPU20	
															
				F		F		F		F		M		R	
				DIAMOND DCGW		DIAMOND DCGT		DIAMOND DCGT		DIAMOND DCGT		DIAMOND DCGT		DIAMOND DCGT	
				71 139 ...		71 144 ...		71 145 ...		71 310 ...		71 311 ...		71 312 ...	
ISO	RE mm	TCE (NOI)	LE mm	EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0	
070201FL	0,1	A (1)	3,0					72,00	151						
070201FR	0,1	A (1)	3,0			72,00	15000								
070201FN	0,1	A (1)	3,8							72,00	20100				
070202FL	0,2	A (1)	3,0					72,00	152						
070202FR	0,2	A (1)	3,0			72,00	152								
070202FN	0,2	A (1)	3,7							72,00	202	72,00	202		
070204FN	0,4	A (1)	3,4							72,00	204	72,00	204	72,00	204
070208FN	0,8	A (1)	3,0									72,00	208		
11T301FR	0,1	A (1)	4,0			82,00	161								
11T301FL	0,1	A (1)	4,0					82,00	161						
11T301FN	0,1	A (1)	4,8							82,00	21100	82,00	21100		
11T302FL	0,2	A (1)	4,0					82,00	162						
11T302FR	0,2	A (1)	4,0			82,00	162								
11T302FN	0,2	A (1)	4,7							82,00	212	82,00	212		
11T304FL	0,4	A (1)	4,0	82,00	164										
11T304FN	0,4	A (1)	4,3							82,00	214	82,00	214	82,00	214
11T308FN	0,8	A (1)	4,0							82,00	218	82,00	218	82,00	218
P															
M															
K															
N				●		●		●		●		●		●	
S															
H															
O				●		●		●		●		●		●	

9

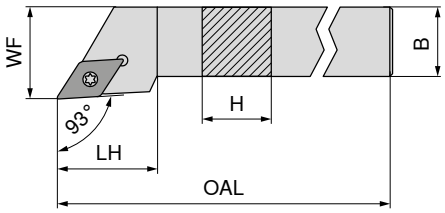
DCGW / DCGT

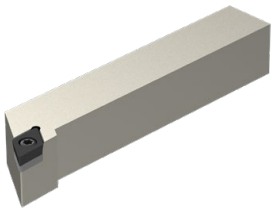
▲ TCE(NOI) = Design and number of equipped cutting edge corners

				CTDPU20		CTDCD10		-CB1 CTDCD10		-CB2 CTDCD10	
											
				F		F		F		M	
				DIAMOND DCGW		DIAMOND DCGW		DIAMOND DCGT		DIAMOND DCGT	
				71 177 ...		71 177 ...		71 310 ...		71 311 ...	
ISO	RE mm	TCE (NOI)	LE mm	EUR Y0		EUR Y0		EUR Y0		EUR Y0	
070202FN	0,2	A (1)	2,6			78,08	40001	100,00	302	100,00	30200
070204FN	0,4	A (1)	2,3			78,08	40101	100,00	304	100,00	304
070204FN	0,4	A (1)	3,4	64,00	30001						
070208FN	0,8	A (1)	2,0			78,08	40201			87,84	308
070208FN	0,8	A (1)	3,0	64,00	30101						
11T302FN	0,2	A (1)	2,6			90,28	40301	100,00	31200	100,00	31200
11T304FN	0,4	A (1)	2,3			90,28	40401	100,00	314	100,00	314
11T304FN	0,4	A (1)	4,3	74,00	30201						
11T308FN	0,8	A (1)	2,0			90,28	40501	100,00	318	100,00	318
11T308FN	0,8	A (1)	4,0	74,00	30301						
P											
M											
K											
N				●		●		●		●	
S											
H											
O				●		●		●		●	

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

Scope of supply:
Tool holder with Torx key





Illustrations show right-hand versions

								NEW Left-hand		NEW Right-hand	
								70 643 ...		**70 643 ...**	
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	EUR 2A/24		EUR 2A/24	
SDJC R/L 0808 D07	8	8	60	13,0	10	1,2	DC.. 0702	75,87	**00800**	75,87	**00801**
SDJC R/L 1010 E07	10	10	70	13,0	12	1,2	DC.. 0702	80,94	**01000**	80,94	**01001**
SDJC R/L 1212 F07	12	12	80	14,3	16	1,2	DC.. 0702	80,94	**01200**	80,94	**01201**
SDJC R/L 1616 H11	16	16	100	19,3	20	3,2	DC.. 11T3	101,20	**01600**	101,20	**01601**
SDJC R/L 2020 K11	20	20	125	19,9	25	3,2	DC.. 11T3	107,20	**02000**	107,20	**02001**
SDJC R/L 2525 M11	25	25	150	21,2	32	3,2	DC.. 11T3	111,30	**02500**	111,30	**02501**
SDJC R/L 3225 P11	32	25	170	21,2	32	3,2	DC.. 11T3	116,40	**03200**	116,40	**03201**


Key D


Clamping screw


Solid Carbide Seat D

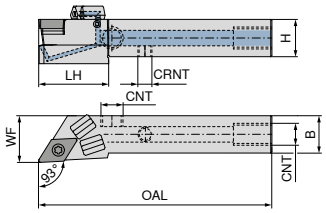

Threaded sleeve

			80 950 ...			**70 950 ...**		**70 950 ...**			**70 950 ...**		
Spare parts for Article no.			EUR Y7			EUR 2A/28		EUR 2A/28			EUR 2A/28		
70 643 00800 / 70 643 00801	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**							
70 643 01000 / 70 643 01001	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**							
70 643 01200 / 70 643 01201	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**							
70 643 01600 / 70 643 01601	T15 - IP	11,79	**120**	M3,5x11	4,82	**87900**	9,66	**106**	M3,5	5,98	**171**		
70 643 02000 / 70 643 02001	T15 - IP	11,79	**120**	M3,5x11	4,82	**87900**	9,66	**106**	M3,5	5,98	**171**		
70 643 02500 / 70 643 02501	T15 - IP	11,79	**120**	M3,5x11	4,82	**87900**	9,66	**106**	M3,5	5,98	**171**		
70 643 03200 / 70 643 03201	T15 - IP	11,79	**120**	M3,5x11	4,82	**87900**	9,66	**106**	M3,5	5,98	**171**		

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

Scope of supply:

Tool holder with blind plug and Torx key



Illustrations show right-hand versions

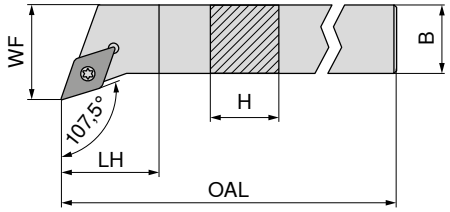
										NEW Left-hand	NEW Right-hand
										70 773 ...	70 773 ...
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	EUR 2A/24	EUR 2A/24
SDJC R/L 1010 E07 DC	10	10	70	20	12	M6	M6	1,2	DC.. 0702	171,30 **01001**	171,30 **01000**
SDJC R/L 1212 F07 DC	12	12	80	21	16	M6	M6	1,2	DC.. 0702	171,30 **01201**	171,30 **01200**
SDJC R/L 1616 H11 DC	16	16	100	30	20	M6	G1/8"	3,2	DC.. 11T3	190,30 **01601**	190,30 **01600**
SDJC R/L 2020 K11 DC	20	20	125	30	25	M6	G1/8"	3,2	DC.. 11T3	201,70 **02001**	201,70 **02000**
SDJC R/L 2525 M11 DC	25	25	150	35	32	M6	G1/8"	3,2	DC.. 11T3	209,40 **02501**	209,40 **02500**

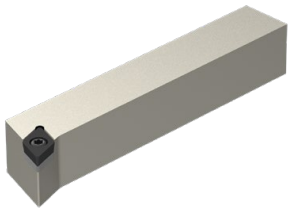
	 Clamping screw	 Solid Carbide Seat D	 Grubscrew	 Grubscrew	 Threaded sleeve
	70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
Spare parts for Article no.	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28
70 773 01000 / 70 773 01001	5,38 **857**			3,84 **86700**	
70 773 01200 / 70 773 01201	5,38 **857**			3,84 **86700**	
70 773 01600 / 70 773 01601	4,82 **87900**	9,66 **106**	2,19 **88000**	3,84 **86700**	5,98 **171**
70 773 02000 / 70 773 02001	4,82 **87900**	9,66 **106**	2,19 **88000**	3,84 **86700**	5,98 **171**
70 773 02500 / 70 773 02501	4,82 **87900**	9,66 **106**	2,19 **88000**	3,84 **86700**	5,98 **171**

	 Sealing plugs DC	Key D	 O-Ring	 Coolant nozzle DC	 Coolant screw plug
	70 950 ...	80 950 ...	70 950 ...	70 950 ...	70 950 ...
Spare parts for Article no.	EUR 2A/28	EUR Y7	EUR 2A/28	EUR 2A/28	EUR 2A/28
70 773 01000 / 70 773 01001		8,11 **039**			
70 773 01200 / 70 773 01201		8,11 **039**			
70 773 01600 / 70 773 01601	1,53 **87600**	11,79 **120**	1,36 **88100**	30,13 **87700**	4,59 **294**
70 773 02000 / 70 773 02001	1,53 **87600**	11,79 **120**	1,36 **88100**	30,13 **87700**	4,59 **294**
70 773 02500 / 70 773 02501	1,53 **87600**	11,79 **120**	1,36 **88100**	30,13 **87700**	4,59 **294**

MaxiLock-S – SDHC 107.5° – 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 70 642 ... EUR 2A/24		NEW Right-hand 70 642 ... EUR 2A/24	
SDHC R/L 1010 E07	10	10	70	7,6	12	1,2	DC.. 0702	80,94	**01000**	80,94	**01001**
SDHC R/L 1212 F07	12	12	80	12,2	16	1,2	DC.. 0702	80,94	**01200**	80,94	**01201**
SDHC R/L 1616 H11	16	16	100	11,6	20	3,2	DC.. 11T3	101,20	**01600**	101,20	**01601**
SDHC R/L 2020 K11	20	20	125	14,1	25	3,2	DC.. 11T3	107,20	**02000**	107,20	**02001**
SDHC R/L 2525 M11	25	25	150	20,5	32	3,2	DC.. 11T3	111,30	**02500**	111,30	**02501**


Key D


Clamping screw


Solid Carbide Seat D

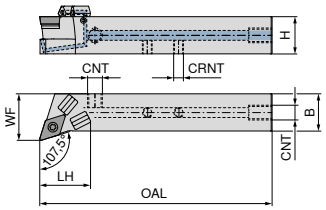

Threaded sleeve

Spare parts for Article no.	Key D 80 950 ... EUR Y7		Clamping screw 70 950 ... EUR 2A/28		Solid Carbide Seat D 70 950 ... EUR 2A/28		Threaded sleeve 70 950 ... EUR 2A/28	
70 642 01000 / 70 642 01001	8,11	**039**	5,38	**857**				
70 642 01200 / 70 642 01201	8,11	**039**	5,38	**857**				
70 642 01600 / 70 642 01601	11,79	**120**	4,82	**87900**	9,66	**106**	5,98	**171**
70 642 02000 / 70 642 02001	11,79	**120**	4,82	**87900**	9,66	**106**	5,98	**171**
70 642 02500 / 70 642 02501	11,79	**120**	4,82	**87900**	9,66	**106**	5,98	**171**

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	EUR 2A/24		EUR 2A/24	
SDHC R/L 1212 F07 DC	12	12	80	20	16	M6	M6	1,2	DC.. 0702	171,30	**01201**	171,30	**01200**
SDHC R/L 1616 H11 DC	16	16	100	25	20	M6	G1/8"	3,2	DC.. 11T3	190,30	**01601**	190,30	**01600**
SDHC R/L 2020 K11 DC	20	20	125	28	25	M6	G1/8"	3,2	DC.. 11T3	201,70	**02001**	201,70	**02000**
SDHC R/L 2525 M11 DC	25	25	150	27	32	M6	G1/8"	3,2	DC.. 11T3	209,40	**02501**	209,40	**02500**

	 Clamping screw	 Solid Carbide Seat D	 Grubscrew	 Grubscrew	 Threaded sleeve
	70 950 ...	70 950 ...	70 950 ...	70 950 ...	70 950 ...
Spare parts for Article no.	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28
70 772 01201 / 70 772 01200	5,38 **857**			3,84 **86700**	
70 772 01601 / 70 772 01600	4,82 **87900**	9,66 **106**	2,19 **88000**	3,84 **86700**	5,98 **171**
70 772 02001 / 70 772 02000	4,82 **87900**	9,66 **106**	2,19 **88000**	3,84 **86700**	5,98 **171**
70 772 02501 / 70 772 02500	4,82 **87900**	9,66 **106**	2,19 **88000**	3,84 **86700**	5,98 **171**

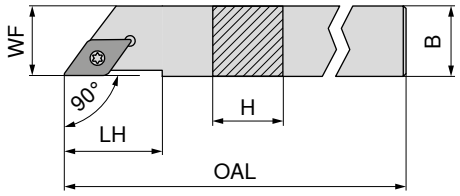
	 Sealing plugs DC	 Key D	 O-Ring	 Coolant nozzle DC	 Coolant screw plug
	70 950 ...	80 950 ...	70 950 ...	70 950 ...	70 950 ...
Spare parts for Article no.	EUR 2A/28	EUR Y7	EUR 2A/28	EUR 2A/28	EUR 2A/28
70 772 01201 / 70 772 01200		8,11 **039**			
70 772 01601 / 70 772 01600	1,53 **87600**	11,79 **120**	1,36 **88100**	30,13 **87700**	4,59 **294**
70 772 02001 / 70 772 02000	1,53 **87600**	11,79 **120**	1,36 **88100**	30,13 **87700**	4,59 **294**
70 772 02501 / 70 772 02500	1,53 **87600**	11,79 **120**	1,36 **88100**	30,13 **87700**	4,59 **294**

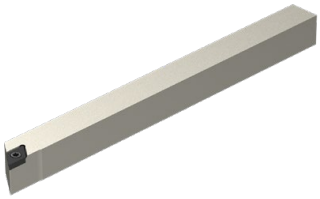
MaxiLock-S – SDAC 90° – Toolholder with screw clamping

▲ 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 ... EUR 2A/24		NEW Right-hand 70 639 ... EUR 2A/24	
SDAC R/L 0808 K07	8	8	125	14	8	1,2	DC.. 0702	80,94	**00800**	80,94	**00801**
SDAC R/L 1010 M07	10	10	150	14	10	1,2	DC.. 0702	80,94	**01000**	80,94	**01001**
SDAC R/L 1212 M07	12	12	150	14	12	1,2	DC.. 0702	91,06	**01200**	91,06	**01201**
SDAC R/L 1212 M11	12	12	150	21	12	3,2	DC.. 11T3	91,06	**11200**	91,06	**11201**
SDAC R/L 1414 M11	14	14	150	21	14	3,2	DC.. 11T3	91,06	**01400**	91,06	**01401**

Spare parts for Article no.	Key D 80 950 ... EUR Y7		Clamping screw 70 950 ... EUR 2A/28	
70 639 00800 / 70 639 00801	T08 - IP	8,11 **039**	M2,5x6 - IP	5,38 **857**
70 639 01000 / 70 639 01001	T08 - IP	8,11 **039**	M2,5x6 - IP	5,38 **857**
70 639 01200 / 70 639 01201	T08 - IP	8,11 **039**	M2,5x6 - IP	5,38 **857**
70 639 11200 / 70 639 11201	T15 - IP	11,79 **120**	M3,5x11	4,82 **87900**
70 639 01400 / 70 639 01401	T15 - IP	11,79 **120**	M3,5x11	4,82 **87900**

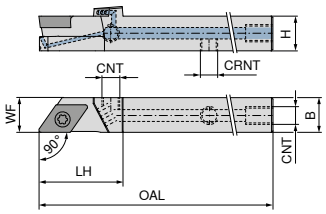
9

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



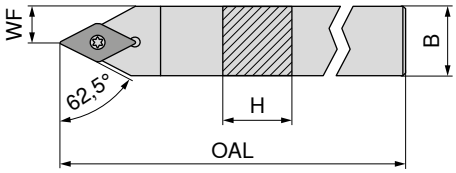
Illustrations show right-hand versions

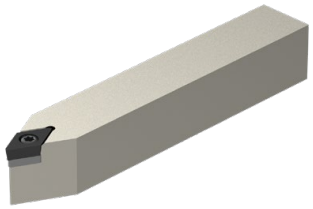
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	NEW Left-hand 70 771 ... EUR 2A/24		NEW Right-hand 70 771 ... EUR 2A/24	
SDAC R/L 0808 K07 DC	8	8	125	21	8	M5	M5	1,2	DC.. 0702	171,30	**00801**	171,30	**00800**
SDAC R/L 1010 M07 DC	10	10	150	21	10	M6	M6	1,2	DC.. 0702	171,30	**01001**	171,30	**01000**
SDAC R/L 1212 M07 DC	12	12	150	21	12	M6	M6	1,2	DC.. 0702	183,00	**01201**	183,00	**01200**
SDAC R/L 1212 M11 DC	12	12	150	29	12	M6	M6	3,2	DC.. 11T3	183,00	**11201**	183,00	**11200**

Spare parts for Article no.	Cylindrical screw 83 950 ... EUR Y7		Key D 80 950 ... EUR Y7		Clamping screw 70 950 ... EUR 2A/28		Grubscrew 70 950 ... EUR 2A/28	
70 771 00800 / 70 771 00801	2,39	**157**	8,11	**039**	2,99	**13800**		
70 771 01000 / 70 771 01001			8,11	**039**	2,99	**13800**	3,84	**86700**
70 771 01200 / 70 771 01201			8,11	**039**	2,99	**13800**	3,84	**86700**
70 771 11200 / 70 771 11201			11,79	**120**	4,14	**113**	3,84	**86700**

MaxiLock-S – SDNC 62.5° – 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	70 645 ... EUR 2A/24	
SDNC N 0808 K07	8	8	125	4,0	1,2	DC.. 0702	75,87	**00800**
SDNC N 1010 M07	10	10	150	5,0	1,2	DC.. 0702	80,94	**11000**
SDNC N 1010 E07	10	10	70	5,0	1,2	DC.. 0702	80,94	**01000**
SDNC N 1212 F07	12	12	80	6,0	1,2	DC.. 0702	80,94	**01200**
SDNC N 1212 M07	12	12	150	6,0	1,2	DC.. 0702	91,06	**11200**
SDNC N 1212 M11	12	12	150	6,0	3,2	DC.. 11T3	91,06	**21200**
SDNC N 1616 H11	16	16	100	8,0	3,2	DC.. 11T3	101,20	**01600**
SDNC N 2020 K11	20	20	125	10,0	3,2	DC.. 11T3	107,20	**02000**
SDNC N 2525 M11	25	25	150	12,5	3,2	DC.. 11T3	111,30	**02500**

Key D


Clamping screw


Solid Carbide Seat D

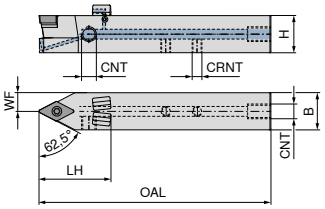

Threaded sleeve

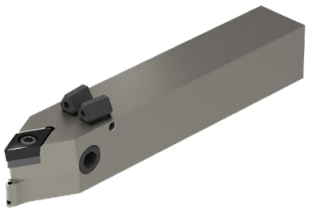
Spare parts for Article no.		80 950 ... EUR Y7			70 950 ... EUR 2A/28		70 950 ... EUR 2A/28			70 950 ... EUR 2A/28	
70 645 00800	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**					
70 645 11000	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**					
70 645 01000	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**					
70 645 01200	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**					
70 645 11200	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**					
70 645 21200	T15 - IP	11,79	**120**	M3,5x11	4,82	**87900**					
70 645 01600	T15 - IP	11,79	**120**	M3,5x11	4,82	**87900**	9,66	**106**	M3,5	5,98	**171**
70 645 02000	T15 - IP	11,79	**120**	M3,5x11	4,82	**87900**	9,66	**106**	M3,5	5,98	**171**
70 645 02500	T15 - IP	11,79	**120**	M3,5x11	4,82	**87900**	9,66	**106**	M3,5	5,98	**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 ...

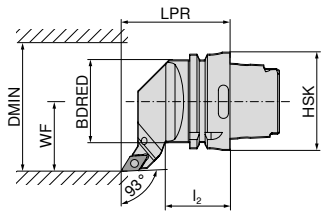
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	EUR 2A/24	
SDNC N 1212 M07 DC	12	12	150	24	6,0	M6	M6	1,2	DC.. 0702	183,00	**11200**
SDNC N 1212 F07 DC	12	12	80	24	6,0	M6	M6	1,2	DC.. 0702	171,30	**01200**
SDNC N 1212 M11 DC	12	12	150	31	6,0	M6	M6	3,2	DC.. 11T3	183,00	**21200**
SDNC N 1616 H11 DC	16	16	100	30	8,0	M6	G1/8"	3,2	DC.. 11T3	190,30	**01600**
SDNC N 2020 K11 DC	20	20	125	39	10,0	M6	G1/8"	3,2	DC.. 11T3	201,70	**02000**
SDNC N 2525 M11 DC	25	25	150	30	12,5	M6	G1/8"	3,2	DC.. 11T3	209,40	**02500**

	 Clamping screw	 Solid Carbide Seat D	 Grubscrew	 Grubscrew	 Threaded sleeve
	70 950 ...	**70 950 ...**	**70 950 ...**	**70 950 ...**	**70 950 ...**
Spare parts for Article no.	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28
70 774 11200	5,38 **857**			3,84 **86700**	
70 774 01200	5,38 **857**			3,84 **86700**	
70 774 21200	4,14 **859**			3,84 **86700**	
70 774 01600	4,82 **87900**	9,66 **106**	2,19 **88000**	3,84 **86700**	5,98 **171**
70 774 02000	4,82 **87900**	9,66 **106**	2,19 **88000**	3,84 **86700**	5,98 **171**
70 774 02500	4,82 **87900**	9,66 **106**	2,19 **88000**	3,84 **86700**	5,98 **171**

	 Sealing plugs DC	Key D	 O-Ring	 Coolant nozzle DC	 Coolant screw plug
	70 950 ...	**80 950 ...**	**70 950 ...**	**70 950 ...**	**70 950 ...**
Spare parts for Article no.	EUR 2A/28	EUR Y7	EUR 2A/28	EUR 2A/28	EUR 2A/28
70 774 11200		8,11 **039**			
70 774 01200		8,11 **039**			
70 774 21200		11,79 **120**			
70 774 01600	1,53 **87600**	11,79 **120**	1,36 **88100**	30,13 **87700**	4,59 **294**
70 774 02000	1,53 **87600**	11,79 **120**	1,36 **88100**	30,13 **87700**	4,59 **294**
70 774 02500	1,53 **87600**	11,79 **120**	1,36 **88100**	30,13 **87700**	4,59 **294**

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 ... EUR 2D/80		Right-hand 74 543 ... EUR 2D/80	
HSK T63 SDJC R/L 11	HSK-T 63	70	42	53	45	100	3.2	DC.. 11T3	286,80	**511**	286,80	**511**


Combination Key
70 950 ...
EUR 2A/28


Clamping screw
70 950 ...
EUR 2A/28

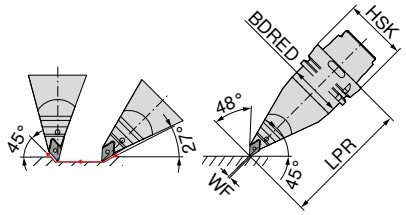

Solid Carbide Seat D
70 950 ...
EUR 2A/28


Threaded sleeve
70 950 ...
EUR 2A/28

Spare parts for Article no.											
74 543 511 / 74 544 511	T15/SW	10,66	**398**	M3,5x11	4,14	**113**	9,66	**106**	M3,5	5,98	**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 ... EUR 2D/80	
HSK T63 SDMC L 11	HSK-T 63	130	53	0	3.2	DC.. 11T3	391,70	**511**


Combination Key
70 950 ...
EUR 2A/28


Clamping screw
70 950 ...
EUR 2A/28

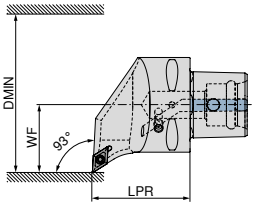

Solid Carbide Seat D
70 950 ...
EUR 2A/28


Threaded sleeve
70 950 ...
EUR 2A/28

Spare parts for Article no.											
74 546 511	T15/SW	10,66	**398**	M3,5x11	4,14	**113**	9,66	**106**	M3,5	5,98	**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	Left-hand 84 659 ... EUR Y8		Right-hand 84 658 ... EUR Y8	
PSC40 SDUC R/L 50050-11	PSC 40	50	27	50	3	DC.. 11T3	252,20	**01195**	252,20	**01195**
PSC50 SDUC R/L 65060-11	PSC 50	60	35	65	3	DC.. 11T3	289,10	**01194**	289,10	**01194**
PSC63 SDUC R/L 80065-11	PSC 63	65	45	80	3	DC.. 11T3	321,60	**01193**	321,60	**01193**

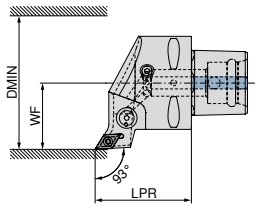
Clamping screw

Spare parts for Article no.	84 950 ... EUR Y8	
84 658 01195 / 84 659 01195	3,92	**27600**
84 658 01194 / 84 659 01194	3,92	**27600**
84 658 01193 / 84 659 01193	3,92	**27600**

9

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	Left-hand 84 663 ... EUR Y8		Right-hand 84 662 ... EUR Y8	
PSC40 SDJC R/L 50050-11	PSC 40	50	27	50	3	DC.. 11T3	DC	252,20	**01195**	252,20	**01195**
PSC50 SDJC R/L 65060-11	PSC 50	60	35	65	3	DC.. 11T3	DC	289,10	**01194**	289,10	**01194**
PSC63 SDJC R/L 80065-11	PSC 63	65	45	80	3	DC.. 11T3	DC	321,60	**01193**	321,60	**01193**

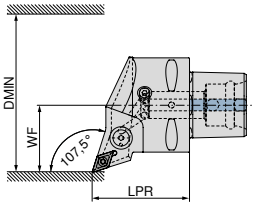
The high-performance coolant set with article number **84 950 27400** can be ordered as an optional extra → **Page 40.**

Clamping screw

Spare parts for Article no.	84 950 ... EUR Y8	
84 662 01195 / 84 663 01195	3,92	**27600**
84 662 01194 / 84 663 01194	3,92	**27600**
84 662 01193 / 84 663 01193	3,92	**27600**

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 ... EUR Y8		Right-hand 84 666 ... EUR Y8	
PSC40 SDHC R/L 50050-11	PSC 40	50	27	50	3	DC.. 11T3	DC	252,20	**01195**	252,20	**01195**
PSC50 SDHC R/L 65060-11	PSC 50	60	35	65	3	DC.. 11T3	DC	289,10	**01194**	289,10	**01194**
PSC63 SDHC R/L 80065-11	PSC 63	65	45	80	3	DC.. 11T3	DC	321,60	**01193**	321,60	**01193**

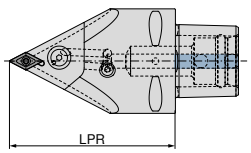
The high-performance coolant set with article number **84 950 27400** can be ordered as an optional extra → **Page 40.**

Clamping screw

Spare parts for Article no.	84 950 ... EUR Y8	
84 666 01195 / 84 667 01195	3,92	**27600**
84 666 01194 / 84 667 01194	3,92	**27600**
84 666 01193 / 84 667 01193	3,92	**27600**

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

Scope of supply:
without high-performance coolant set



Neutral

ISO designation	Adapter	LPR mm	torque moment Nm	Insert	Direct cooling compatible	84 677 ... EUR Y8	
PSC63 SDNC N 0100-11	PSC 63	100	3	DC.. 11T3	DC	321,60	**01193**
PSC63 SDNC N 0130-11	PSC 63	130	3	DC.. 11T3	DC	321,60	**11193**

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

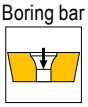
Clamping screw

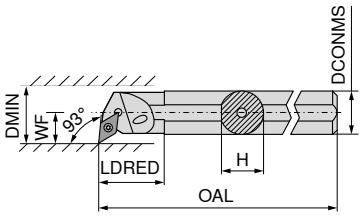
Spare parts for Article no.	84 950 ... EUR Y8	
84 677 01193	3,92	**27600**
84 677 11193	3,92	**27600**

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

									Left-hand		Right-hand	
									70 737 ...		**70 736 ...**	
ISO designation	DCONMS	H	OAL	LDRED	WF	DMIN	torque moment	Insert	**EUR**		**EUR**	
	mm	mm	mm	mm	mm	mm	Nm		2A/24		2A/24	
S12Q SDUC R/L 07	12	11,0	180	12,5	9	17	1,2	DC.. 0702	124,50	**012**	124,50	**012**
A12K SDUC R/L 07	12	11,5	125	22,0	9	16	1,2	DC.. 0702	124,50	**212**	124,50	**212**
S16R SDUC R/L 07	16	15,0	200	13,0	11	21	1,2	DC.. 0702	127,20	**016**	127,20	**016**
A16M SDUC R/L 07	16	15,0	150	29,0	11	20	1,2	DC.. 0702	127,20	**216**	127,20	**216**
S20S SDUC R 07	20	18,0	250	20,0	13	25	1,2	DC.. 0702			158,60	**020**
A20Q SDUC R/L 07	20	18,5	180	32,0	13	25	1,2	DC.. 0702	158,60	**220**	158,60	**220**
S20S SDUC R 11	20	18,0	250	20,0	13	25	3,2	DC.. 11T3			158,60	**120**
A20Q SDUC R/L 11	20	19,0	180	32,0	13	25	3,2	DC.. 11T3	158,60	**320**	158,60	**320**
S25T SDUC R/L 11	25	23,0	300		17	32	3,2	DC.. 11T3	182,30	**125**	182,30	**125**
A25R SDUC R/L 11	25	24,0	200	36,0	17	32	3,2	DC.. 11T3	182,30	**325**	182,30	**325**
S32U SDUC R 11	32	30,0	350		22	40	3,2	DC.. 11T3			250,60	**132**
A32S SDUC R/L 11	32	31,0	250	50,0	22	40	3,2	DC.. 11T3	250,60	**332**	250,60	**332**
A40T SDUC R/L 11	40	39,0	300	60,0	27	50	3,2	DC.. 11T3	301,00	**340**	301,00	**340**


Key D


Combination Key


Clamping screw

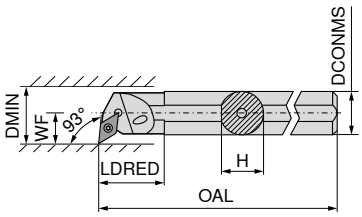

Solid Carbide Seat D


Threaded sleeve

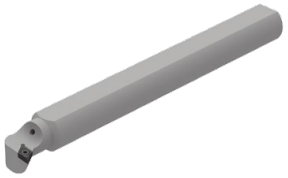
	80 950 ...		**70 950 ...**		**70 950 ...**		**70 950 ...**		**70 950 ...**	
Spare parts for Article no.	**EUR** Y7		**EUR** 2A/28		**EUR** 2A/28		**EUR** 2A/28		**EUR** 2A/28	
70 736 012 / 70 737 012	10,05	**110**			2,99	**13800**				
70 736 212 / 70 737 212	10,05	**110**			2,99	**13800**				
70 736 016 / 70 737 016	10,05	**110**			2,99	**13800**				
70 736 216 / 70 737 216	10,05	**110**			2,99	**13800**				
70 736 020	10,05	**110**			2,99	**13800**				
70 736 220 / 70 737 220	10,05	**110**			2,99	**13800**				
70 736 120	11,96	**113**			4,14	**110**				
70 736 320 / 70 737 320	11,96	**113**			4,14	**110**				
70 736 125 / 70 737 125			10,66	**398**	4,14	**113**	9,66	**106**	5,98	**171**
70 736 325 / 70 737 325	11,96	**113**			4,14	**113**				
70 736 132			10,66	**398**	4,14	**113**	9,66	**106**	5,98	**171**
70 736 332 / 70 737 332			10,66	**398**	4,14	**113**	9,66	**106**	5,98	**171**
70 736 340 / 70 737 340			10,66	**398**	4,14	**113**	9,66	**106**	5,98	**171**

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

▲ with carbide core



Illustrations show right-hand versions



ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 739 ... EUR 2A		Right-hand 70 738 ... EUR 2A	
E-A10H SDUC R/L 07	10	9	100	28,0	8	13	1,2	DC.. 0702	231,30	**210**	231,30	**210**
E-A12K SDUC R/L 07	12	11	125	18,0	9	18	1,2	DC.. 0702	231,30	**212**	231,30	**212**
E-A16M SDUC R/L 07	16	15	150	30,0	11	22	1,2	DC.. 0702	367,80	**216**	367,80	**216**
E-A20Q SDUC R/L 07	20	18	180	38,0	13	26	1,2	DC.. 0702	461,10	**220**	461,10	**220**
E-A20Q SDUC R/L 11	20	18	180	38,0	13	26	3,2	DC.. 11T3	488,10	**320**	488,10	**320**
E-A25R SDUC R/L 11	25	23	200	40,0	17	34	3,2	DC.. 11T3	703,10	**225**	703,10	**225**
E-A32S SDUC R/L 11	32	30	250	39,5	22	39	3,2	DC.. 11T3	1.032,00	**232**	1.032,00	**232**

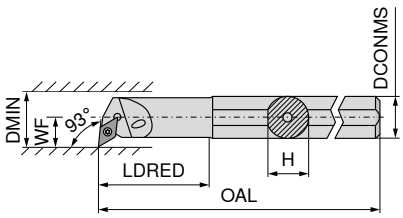
Key D

Clamping screw

Spare parts for Article no.	80 950 ... EUR Y7		70 950 ... EUR 2A/28	
70 738 210 / 70 739 210	10,05	**110**	2,99	**13800**
70 738 212 / 70 739 212	10,05	**110**	2,99	**13800**
70 738 216 / 70 739 216	10,05	**110**	2,99	**13800**
70 738 220 / 70 739 220	10,05	**110**	2,99	**13800**
70 738 320 / 70 739 320	11,96	**113**	4,06	**449**
70 738 225 / 70 739 225	11,96	**113**	4,06	**449**
70 738 232 / 70 739 232	11,96	**113**	4,06	**449**

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

▲ with carbide core



Illustrations show right-hand versions

ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 739 ... EUR 2A		Right-hand 70 738 ... EUR 2A	
E-A0810H SDUC R/L 07	10	9	100	22	7	12,5	1,2	DC.. 0702	288,10	**410**	288,10	**410**
E-A1012K SDUC R/L 07	12	11	125	28	9	15,5	1,2	DC.. 0702	288,10	**412**	288,10	**412**
E-A1216M SDUC R/L 07	16	15	150	36	11	19,5	1,2	DC.. 0702	288,10	**416**	288,10	**416**

Key D

Clamping screw

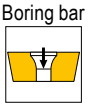
Spare parts for Article no.	80 950 ... EUR Y7		70 950 ... EUR 2A/28	
70 738 410 / 70 739 410	10,05	**110**	2,99	**13800**
70 738 412 / 70 739 412	10,05	**110**	2,99	**13800**
70 738 416 / 70 739 416	10,05	**110**	2,99	**13800**

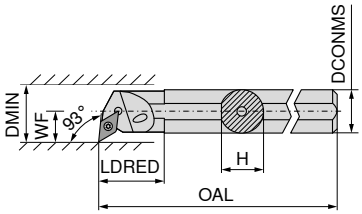
MaxiLock-S – SDUC 93° – Boring bar with screw clamping

▲ Type: Solid carbide

Scope of supply:

Boring bar with Torx key





Illustrations show right-hand versions

ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 739 ... EUR 2A/24		Right-hand 70 738 ... EUR 2A/24	
E12Q SDUC R/L 07	12	11,5	180	26	9	16	1,2	DC.. 0702	429,60	**012**	429,60	**012**
E16R SDUC R/L 07	16	15,0	200	34	11	20	1,2	DC.. 0702	561,40	**016**	561,40	**016**
E20S SDUC R/L 11	20	18,5	250	38	13	25	3,2	DC.. 11T3	701,20	**120**	701,20	**120**
E25T SDUC R/L 11	25	23,0	300	43	17	32	3,2	DC.. 11T3	1.236,00	**125**	1.236,00	**125**

Key D

Clamping screw

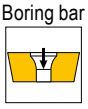
Spare parts for Article no.	Key D 80 950 ... EUR Y7		Clamping screw 70 950 ... EUR 2A/28	
70 739 012 / 70 738 012	10,05	**110**	2,99	**13800**
70 739 016 / 70 738 016	10,05	**110**	2,99	**13800**
70 739 120 / 70 738 120	11,96	**113**	4,06	**304**
70 739 125 / 70 738 125	11,96	**113**	4,14	**113**

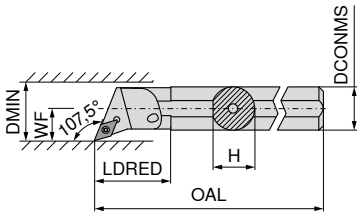
9

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 mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 741 ... EUR 2A		Right-hand 70 740 ... EUR 2A	
A10H SDQC R/L 07	10	9,0	100	22	7	12,5	1,2	DC.. 0702	122,10	**210**	122,10	**210**
A12K SDQC R/L 07	12	11,5	125	22	9	16,0	1,2	DC.. 0702	124,50	**212**	124,50	**212**
A16M SDQC R/L 07	16	15,0	150	29	11	20,0	1,2	DC.. 0702	127,20	**216**	127,20	**216**
A20Q SDQC R/L 07	20	18,5	180	32	13	25,0	1,2	DC.. 0702	158,60	**220**	158,60	**220**
A25R SDQC R/L 11	25	23,0	200	36	17	32,0	3,2	DC.. 11T3	182,30	**225**	182,30	**225**
A32S SDQC R/L 11	32	30,0	250	50	22	40,0	3,2	DC.. 11T3	250,60	**232**	250,60	**232**
A40T SDQC R/L 11	40	38,0	300	60	27	50,0	3,2	DC.. 11T3	301,00	**240**	301,00	**240**

Key D

Combination Key

Clamping screw

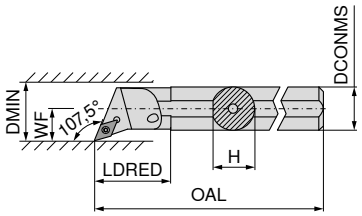
Solid Carbide Seat D

Threaded sleeve

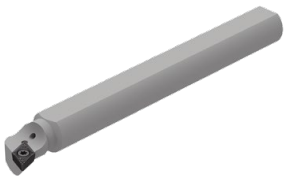
Spare parts for Article no.	Key D 80 950 ... EUR Y7		Combination Key 70 950 ... EUR 2A/28		Clamping screw 70 950 ... EUR 2A/28		Solid Carbide Seat D 70 950 ... EUR 2A/28		Threaded sleeve 70 950 ... EUR 2A/28	
70 740 210 / 70 741 210	10,05	**110**			2,99	**13800**				
70 740 212 / 70 741 212	10,05	**110**			2,99	**13800**				
70 740 216 / 70 741 216	10,05	**110**			2,99	**13800**				
70 740 220 / 70 741 220	10,05	**110**			2,99	**13800**				
70 740 225 / 70 741 225			10,66	**398**	4,14	**113**				
70 740 232 / 70 741 232			10,66	**398**	4,14	**113**	9,66	**106**	5,98	**171**
70 740 240 / 70 741 240			10,66	**398**	4,14	**113**	9,66	**106**	5,98	**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	Left-hand 70 751 ... EUR 2A		Right-hand 70 750 ... EUR 2A	
	mm	mm	mm	mm	mm	mm	Nm					
E-A12K SDQC R/L 07	12	11	125	24	9	18	1,2	DC.. 0702	231,30	**012**	231,30	**012**
E-A16M SDQC R/L 07	16	15	150	30	11	22	1,2	DC.. 0702	394,80	**016**	394,80	**016**
E-A20Q SDQC R/L 07	20	18	180	38	13	26	1,2	DC.. 0702	461,10	**020**	461,10	**020**
E-A20Q SDQC R/L 11	20	18	180	45	13	26	3,2	DC.. 11T3	488,10	**120**	488,10	**120**
E-A25R SDQC R/L 11	25	23	200	38	17	34	3,2	DC.. 11T3	780,20	**025**	780,20	**025**
E-A32S SDQC R/L 11	32	30	250	43	22	39	3,2	DC.. 11T3	1.032,00	**032**	1.032,00	**032**

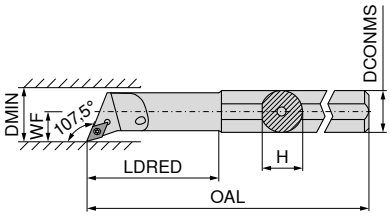
Key D

Clamping screw

Spare parts for Article no.	80 950 ... EUR Y7		70 950 ... EUR 2A/28	
70 750 012 / 70 751 012	10,05	**110**	2,99	**13800**
70 750 016 / 70 751 016	10,05	**110**	2,99	**13800**
70 750 020 / 70 751 020	10,05	**110**	2,99	**13800**
70 750 120 / 70 751 120	11,96	**113**	4,06	**449**
70 750 025 / 70 751 025	11,96	**113**	4,06	**449**
70 750 032 / 70 751 032	11,96	**113**	4,06	**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	Left-hand 70 751 ... EUR 2A		Right-hand 70 750 ... EUR 2A	
	mm	mm	mm	mm	mm	mm	Nm					
E-A0810H SDQC R/L 07	10	9	100	22	7	12,5	1,2	DC.. 0702	288,10	**210**	288,10	**210**
E-A1012K SDQC R/L 07	12	11	125	28	9	15,5	1,2	DC.. 0702	288,10	**212**	288,10	**212**
E-A1216M SDQC R/L 07	16	15	150	36	11	19,5	1,2	DC.. 0702	288,10	**216**	288,10	**216**

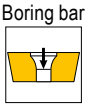
Key D

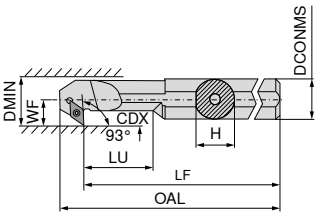
Clamping screw

Spare parts for Article no.	80 950 ... EUR Y7		70 950 ... EUR 2A/28	
70 750 210 / 70 751 210	10,05	**110**	2,99	**13800**
70 750 212 / 70 751 212	10,05	**110**	2,99	**13800**
70 750 216 / 70 751 216	10,05	**110**	2,99	**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 ... EUR 2A/24		Right-hand 70 732 ... EUR 2A/24	
A12K SDXC R/L 07	12	11,5	125	137,0	24	9	16	4,5	1,2	DC.. 0702	124,50	**212**	124,50	**212**
A16M SDXC R/L 07	16	15,0	150	162,0	36	11	20	4,5	1,2	DC.. 0702	127,20	**216**	127,20	**216**
A20Q SDXC R/L 11	20	18,5	180	196,5	40	13	25	6,5	3,2	DC.. 11T3	158,60	**220**	158,60	**220**
A25R SDXC R/L 11	25	23,0	200	216,8	50	17	32	9,5	3,2	DC.. 11T3	182,30	**225**	182,30	**225**


Key D

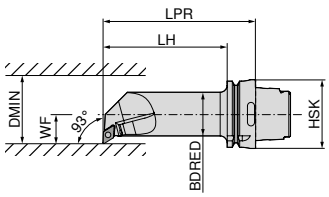

Clamping screw

Spare parts for Article no.	80 950 ... EUR Y7		70 950 ... EUR 2A/28	
70 733 212 / 70 732 212	10,05	**110**	2,99	**13800**
70 733 216 / 70 732 216	10,05	**110**	2,99	**13800**
70 733 220 / 70 732 220	11,96	**113**	4,06	**304**
70 733 225 / 70 732 225	11,96	**113**	4,06	**304**

9

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 ... EUR 2D/80		Right-hand 74 565 ... EUR 2D/80	
HSK T63 40L SDUC R/L 11	HSK-T 63	140	114	40	27	50	3.2	DC.. 11T3	394,60	**511**	394,60	**511**


Combination Key


Clamping screw

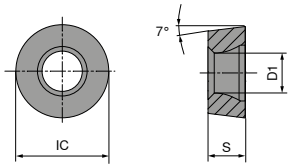

Solid Carbide Seat D


Threaded sleeve

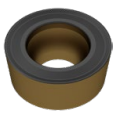
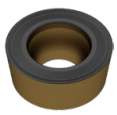
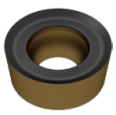
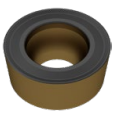
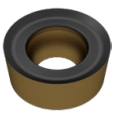
Spare parts for Article no.		70 950 ... EUR 2A/28			70 950 ... EUR 2A/28		70 950 ... EUR 2A/28			70 950 ... EUR 2A/28	
74 565 511 / 74 566 511	T15/SW	10,66	**398**	M3,5x11	4,14	**113**	9,66	**106**	M3,5	5,98	**171**

RCMT / RCGT / RCMX

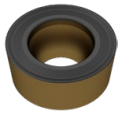
Designation	S mm	D1 mm	IC mm
RCGT 0602..	2,38	2,8	6
RCGT 0803..	3,18	3,4	8
RC.T 1003..	3,18	4,0	10
RCMT 10T3..	3,97	4,4	10
RCMT 1204..	4,76	4,9	12
RCMT 1606..	6,35	5,3	16
RCMT 2006..	6,35	6,5	20
RCMT 2507..	7,94	7,2	25
RCMX 2507..	7,94	10,5	25



RCMT / RCGT

		NEW	NEW	NEW	NEW	NEW	NEW
		-SMF CTCK110	-SM CTCP115-P	-SM CTCP115-P	-SM CTCP115-P	-SM CTCP125-P	-SM CTCP125-P	-SM CTCP135-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		F	M	M	M	M	M	M
		RCMT	RCGT	RCMT	RCMT	RCGT	RCMT	RCGT
		70 188 ...	76 185 ...	76 186 ...	76 264 ...	76 262 ...	76 264 ...	76 262 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
0602M0EN	3,0					10,61 50201		10,61 70201
0803M0EN	4,0		11,81 30401			11,81 51201		11,81 71201
1003M0SN	5,0						10,23 51401	
1204M0SN	6,0				12,12 32801		12,12 52601	
1606M0EN	8,0	23,85 038						
1606M0SN	8,0				23,85 34001		23,85 53801	
2006M0SN	10,0			32,80 35001			32,80 55001	
2507M0SN	12,5				52,82 36201		52,82 56201	
P		○	●	●	●	●	●	●
M								○
K		●	○	○	○	○	○	
N								
S								
H								
O								

RCMT / RCMX

	NEW	NEW	NEW	NEW	NEW	NEW	NEW
	-SM CTCP135-P	-M23 CTCP115-P	-M23 CTCP115-P	-M23 CTCP115-P	-M23 CTCP125-P	-SM CTCM120	-SM CTPM125
	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
							
	M	M	M	M	M	M	M
	RCMT	RCMT	RCMX	RCMT	RCMT	RCMT	RCMT
	76 264 ...	74 117 ...	74 117 ...	74 121 ...	74 121 ...	75 221 ...	75 221 ...
ISO / RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
1003M0SN 5,0	10,23 71401			10,23 21400		10,23 11400	
10T3M0SN 5,0							
1204M0SN 6,0	12,12 72601			12,12 22600	12,12 62600		
1606M0SN 8,0	23,85 73801			23,85 23800	23,85 63800		
2006M0SN 10,0	32,80 75001	32,80 25000			32,80 65000		32,80 25000
2507M0SN 12,5	52,82 76201		52,82 25400				
2507MOSN 12,5							52,82 26200
P	●	●	●	●	●	○	○
M	○					●	●
K		○	○	○	○		
N							
S							
H							
O							

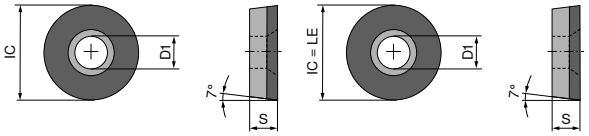
9

RCGT / RCMT

				NEW	
	-25P H210T	-27 H10T	-SM CTPX710	-27 CTPX715
			DRAGONSKIN	DRAGONSKIN
				
	F	M	M	M
	RCGT	RCGT	RCMT	RCGT
	70 241 ...	70 266 ...	75 221 ...	70 266 ...
ISO / RE mm	EUR 1A/90	EUR 1A/90	EUR 1A/90	EUR 1A/90
0602M0FN 3		7,92 600		12,78 70200
0803M0FN 4	9,22 60200	8,85 602		10,34 80200
1003M0FN 5		8,85 604		10,34 80400
1003M0SN 5			10,23 61400	
1204M0FN 6				12,09 72800
P			●	●
M			●	●
K	○	○		○
N	●	●	○	●
S	○		●	●
H				
O	○	○		○

RCGW / RCGT

Designation	S mm	D1 mm	IC mm
RCG. 0602..	2,38	2,8	6
RCGW 0803..	3,18	3,4	8
RCGW 1003..	3,18	4,4	10
RCGT 10T3..	3,97	4,4	10
RCGW 1204..	4,76	4,4	12



RCGT F RCGW F

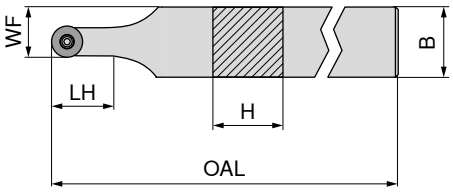
RCGW / RCGT

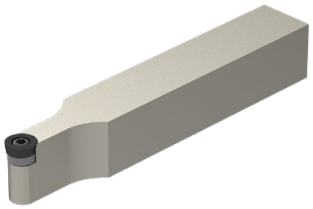
▲ TCE(NOI) = Design and number of equipped cutting edge corners

				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 ...	
ISO	RE mm	TCE (NOI)	LE mm	EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0	
0602M0FN	3	F	6	134,40	10001	187,40	102	134,40	20001	187,40	202	187,40	202
0803M0FN	4	F	8	174,20	10101			174,20	20101				
1003M0FN	6	F	10	225,00	10201								
10T3M0FN	5	F	10			245,80	104			245,80	204	245,80	204
1204M0FN	6	F	12	284,80	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

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	70 646 ... EUR 2A/24	
SRDC N 1212 F06	12	12	80	12,0	9,0	1,2	RC.. 0602	91,06	**01200**
SRDC N 1616 H06	16	16	100	12,0	11,0	1,2	RC.. 0602	96,12	**01600**
SRDC N 2020 K06	20	20	125	12,0	13,0	1,2	RC.. 0602	107,20	**02000**
SRDC N 2525 M06	25	25	150	12,4	15,5	1,2	RC.. 0602	111,30	**02500**
SRDC N 1616 H08	16	16	100	16,0	12,0	1,8	RC.. 0803	96,12	**11600**
SRDC N 2020 K08	20	20	125	16,5	14,0	1,8	RC.. 0803	107,20	**12000**
SRDC N 2525 M08	25	25	150	16,5	16,5	1,8	RC.. 0803	111,30	**12500**
SRDC N 1616 H10	16	16	100	20,9	13,0	3,2	RC.. 1003 / RC.. 10T3	96,12	**21600**
SRDC N 2020 K10	20	20	125	20,0	15,0	3,2	RC.. 1003 / RC.. 10T3	107,20	**22000**
SRDC N 2525 M10	25	25	150	20,9	17,5	3,2	RC.. 1003 / RC.. 10T3	111,30	**22500**

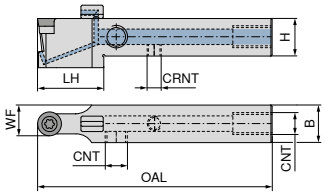
When using WSP RC .. 10T3 indexable inserts, use insert seat article no. 70 950 92100.

	Key D		 Clamping screw		 Solid carbide support R		 Threaded sleeve	
	80 950 ...		70 950 ...		70 950 ...		70 950 ...	
Spare parts for Article no.	EUR Y7		EUR 2A/28		EUR 2A/28		EUR 2A/28	
70 646 01200	8,11	**039**	5,38	**857**				
70 646 01600	8,11	**039**	5,38	**857**				
70 646 02000	8,11	**039**	5,38	**857**				
70 646 02500	8,11	**039**	5,38	**857**				
70 646 11600	11,13	**118**	4,14	**819**				
70 646 12000	11,13	**118**	4,14	**819**				
70 646 12500	11,13	**118**	4,14	**819**				
70 646 21600	11,79	**120**	4,82	**87900**	15,94	**117**	5,98	**171**
70 646 22000	11,79	**120**	4,82	**87900**	15,94	**117**	5,98	**171**
70 646 22500	11,79	**120**	4,82	**87900**	15,94	**117**	5,98	**171**

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	EUR 2A/24	
SRDC N 1212 F06 DC	12	12	80	26	9,0	M6	M6	1,2	RC.. 0602	212,30	**01200**
SRDC N 1616 H06 DC	16	16	100	30	11,0	M6	G1/8"	1,2	RC.. 0602	214,80	**01600**
SRDC N 2020 K06 DC	20	20	125	30	13,0	M6	G1/8"	1,2	RC.. 0602	201,70	**02000**
SRDC N 2525 M06 DC	25	25	150	30	15,5	M6	G1/8"	1,2	RC.. 0602	209,40	**02500**
SRDC N 1616 H08 DC	16	16	100	30	12,0	M6	G1/8"	1,8	RC.. 0803	214,80	**11600**
SRDC N 2020 K08 DC	20	20	125	30	14,0	M6	G1/8"	1,8	RC.. 0803	201,70	**12000**
SRDC N 2525 M08 DC	25	25	150	31	16,5	M6	G1/8"	1,8	RC.. 0803	209,40	**12500**
SRDC N 1616 H10 DC	16	16	100	30	13,0	M6	G1/8"	3,2	RC.. 1003 / RC.. 10T3	214,80	**21600**
SRDC N 2020 K10 DC	20	20	125	30	15,0	M6	G1/8"	3,2	RC.. 1003 / RC.. 10T3	201,70	**22000**
SRDC N 2525 M10 DC	25	25	150	36	17,5	M6	G1/8"	3,2	RC.. 1003 / RC.. 10T3	209,40	**22500**

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

Clamping screw

Solid carbide support R

Grubscrew

Grubscrew

Threaded sleeve

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

Spare parts for Article no.	EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28	
70 775 01200	5,38	**857**					3,84	**86700**		
70 775 01600	5,38	**857**			2,19	**88000**	3,84	**86700**		
70 775 02000	5,38	**857**			2,19	**88000**	3,84	**86700**		
70 775 02500	5,38	**857**			2,19	**88000**	3,84	**86700**		
70 775 11600	4,14	**819**			2,19	**88000**	3,84	**86700**		
70 775 12000	4,14	**819**			2,19	**88000**	3,84	**86700**		
70 775 12500	4,14	**819**			2,19	**88000**	3,84	**86700**		
70 775 21600	4,82	**87900**	15,94	**117**	2,19	**88000**	3,84	**86700**	5,98	**171**
70 775 22000	4,82	**87900**	15,94	**117**	2,19	**88000**	3,84	**86700**	5,98	**171**
70 775 22500	4,82	**87900**	15,94	**117**	2,19	**88000**	3,84	**86700**	5,98	**171**

Sealing plugs DC

Key D

O-Ring

Coolant nozzle DC

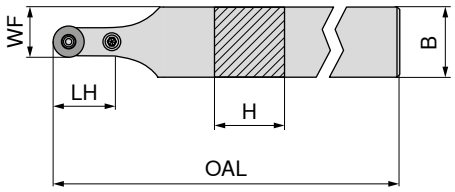
Coolant screw plug

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

Spare parts for Article no.	EUR 2A/28		EUR Y7		EUR 2A/28		EUR 2A/28		EUR 2A/28	
70 775 01200			8,11	**039**						
70 775 01600	1,53	**87600**	8,11	**039**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 775 02000	1,53	**87600**	8,11	**039**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 775 02500	1,53	**87600**	8,11	**039**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 775 11600	1,53	**87600**	11,13	**118**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 775 12000	1,53	**87600**	11,13	**118**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 775 12500	1,53	**87600**	11,13	**118**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 775 21600	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 775 22000	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 775 22500	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**

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

Scope of supply:
Tool holder with allen key



Neutral

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	70 544 ... EUR 2A/24	
PRDC N 2525 M12	25	25	150	24	18,5	3	RC.. 1204	113,40	**025**
PRDC N 3225 P12	32	25	170	24	18,5	3	RC.. 1204	119,40	**032**
PRDC N 3225 P16	32	25	170	28	20,5	4	RC.. 1606	119,40	**132**


Key I


Shim


Assembly pin


Lever


Clamping screw

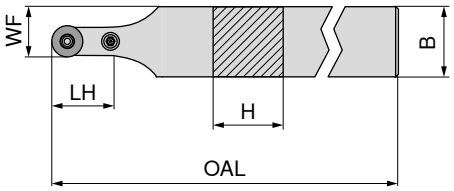

Solid carbide support R

Spare parts for Article no.		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 544 025	SW2,5	3,15	**175**	2,27	**197**	1,57	**191**	20,01	**178**	4,12	**208**	9,14	**215**
70 544 032	SW2,5	3,15	**175**	2,27	**197**	1,57	**191**	20,01	**178**	4,12	**208**	9,14	**215**
70 544 132	SW3	3,15	**176**	1,76	**196**	1,57	**192**	20,70	**387**	4,52	**390**	16,23	**384**

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

9

Scope of supply:
Tool holder with allen key



Neutral

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	70 545 ... EUR 2A/24	
PRDC N 3232 P20	32	32	170	32	26,0	5	RC.. 2006	147,40	**23200**
PRDC N 4040 S25	40	40	250	42	32,5	6	RCMT 2507 / RCMX 2507	183,30	**40400**


Key I


Shim


Assembly pin


Lever


Clamping screw

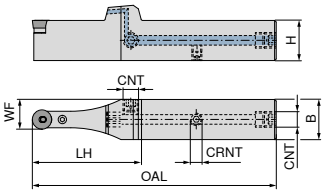

Solid carbide support R

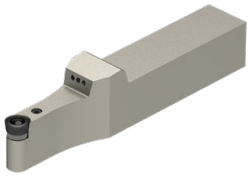
Spare parts for Article no.	70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 545 23200	3,15	**177**	1,45	**391**	1,57	**394**	19,63	**28100**	4,43	**28500**	21,97	**27400**
70 545 40400	3,32	**396**	2,27	**392**	1,57	**395**	24,18	**28400**	9,63	**28600**	41,19	**27500**

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

Scope of supply:

Tool holder with allen key





NEW

Neutral

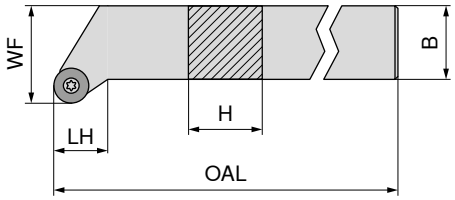
70 595 ...

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	EUR 2A/24	
PRDC N 2020 X12-T DC	20	20	132	63	16,0	M6	G1/8"	3	RC.. 1204	214,80	**02000**
PRDC N 2525 X12-T DC	25	25	152	68	18,5	M6	G1/8"	3	RC.. 1204	226,10	**02500**
PRDC N 3225 X12-T DC	32	25	168	68	18,5	M6	G1/8"	3	RC.. 1204	237,40	**03200**
PRDC N 3225 X16-T DC	32	25	172	72	20,5	M6	G1/8"	4	RC.. 1606	237,40	**13200**
PRDC N 3232 X20-T DC	32	32	176	76	26,0	M6	G1/8"	5	RC.. 2006	248,70	**23200**
PRDC N 4040 X25-T DC	40	40	216	91	32,5	M6	G1/8"	6	RCMT 2507 / RCMX 2507	271,30	**04000**

	Key I	Shim	Assembly pin	Coolant screw plug	Lever	Clamping screw	Solid carbide support R	Grubscrew
	70 950 ...	**70 950 ...**	**70 950 ...**	**70 950 ...**	**70 950 ...**	**70 950 ...**	**70 950 ...**	**70 950 ...**
Spare parts for Article no.	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28
70 595 02000	3,15 **175**	2,27 **197**	1,57 **191**	4,59 **294**	20,01 **178**	4,12 **208**	9,14 **215**	3,84 **86700**
70 595 02500	3,15 **175**	2,27 **197**	1,57 **191**	4,59 **294**	20,01 **178**	4,12 **208**	9,14 **215**	3,84 **86700**
70 595 03200	3,15 **175**	2,27 **197**	1,57 **191**	4,59 **294**	20,01 **178**	4,12 **208**	9,14 **215**	3,84 **86700**
70 595 13200	3,15 **175**	1,76 **196**	1,57 **192**	4,59 **294**	20,70 **387**	4,52 **390**	16,23 **384**	3,84 **86700**
70 595 23200	3,15 **177**	1,45 **391**	1,57 **394**	4,59 **294**	19,63 **28100**	4,43 **28500**	21,97 **27400**	3,84 **86700**
70 595 04000	3,32 **396**	2,27 **392**	1,57 **395**	4,59 **294**	24,18 **28400**	9,63 **28600**	41,19 **27500**	3,84 **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 70 647 ... EUR 2A/24		NEW Right-hand 70 647 ... EUR 2A/24	
SRGC R/L 1212 F06	12	12	80	12,5	16	1,2	RC.. 0602	91,06	**01200**	91,06	**01201**
SRGC R 1616 H06	16	16	100	12,5	20	1,2	RC.. 0602			96,12	**01601**
SRGC R/L 2020 K06	20	20	125	15,0	25	1,2	RC.. 0602	107,20	**02000**	107,20	**02001**
SRGC R/L 2525 M06	25	25	150	18,5	32	1,2	RC.. 0602	111,30	**02500**	111,30	**02501**
SRGC R/L 1616 H08	16	16	100	13,6	20	1,8	RC.. 0803	96,12	**11600**	96,12	**11601**
SRGC R 2020 K08	20	20	125	16,1	25	1,8	RC.. 0803			107,20	**12001**
SRGC R/L 2525 M08	25	25	150	19,6	32	1,8	RC.. 0803	111,30	**12500**	111,30	**12501**
SRGC R/L 2020 K10	20	20	125	16,1	25	3,2	RC.. 1003 / RC.. 10T3	107,20	**22000**	107,20	**22001**
SRGC R/L 2525 M10	25	25	150	19,6	32	3,2	RC.. 1003 / RC.. 10T3	111,30	**22500**	111,30	**22501**

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


Key D


Clamping screw

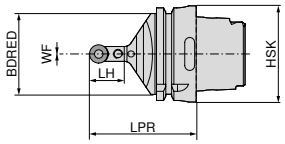

Solid carbide support R


Threaded sleeve

Spare parts for Article no.		80 950 ... EUR Y7			70 950 ... EUR 2A/28		70 950 ... EUR 2A/28			70 950 ... EUR 2A/28	
70 647 01200 / 70 647 01201	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**					
70 647 01601	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**					
70 647 02000 / 70 647 02001	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**					
70 647 02500 / 70 647 02501	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**					
70 647 11600 / 70 647 11601	T09 - IP	11,13	**118**	M3x7 - IP	4,14	**819**					
70 647 12001	T09 - IP	11,13	**118**	M3x7 - IP	4,14	**819**					
70 647 12500 / 70 647 12501	T09 - IP	11,13	**118**	M3x7 - IP	4,14	**819**					
70 647 22000 / 70 647 22001	T15 - IP	11,79	**120**	M3,5x11	4,82	**87900**	15,94	**117**	M3,5	5,98	**171**
70 647 22500 / 70 647 22501	T15 - IP	11,79	**120**	M3,5x11	4,82	**87900**	15,94	**117**	M3,5	5,98	**171**

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

Scope of supply:
Tool holder with allen key

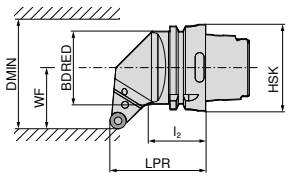



ISO designation	Adapter	LPR mm	BDRED mm	WF mm	torque moment Nm	Insert	Neutral 74 548 ... EUR 2D/80	
HSK T63 PRDC N 12	HSK-T 63	70	53	0	3	RC.. 1204 M0	289,80	**512**
HSK T100 PRDC N 12	HSK-T 100	80	88	0	3	RC.. 1204 M0	330,20	**712**
HSK T100 PRDC N 16	HSK-T 100	80	88	0	4	RC.. 1606 M0	330,20	**716**

Spare parts for Article no.		Key I 70 950 ... EUR 2A/28		Shim 70 950 ... EUR 2A/28		Assembly pin 70 950 ... EUR 2A/28		Lever 70 950 ... EUR 2A/28		Clamping screw 70 950 ... EUR 2A/28		Solid carbide support R 70 950 ... EUR 2A/28	
74 548 512	SW2,5	3,15	**175**	2,27	**197**	1,57	**191**	20,01	**178**	4,12	**208**	9,14	**215**
74 548 712	SW2,5	3,15	**175**	2,27	**197**	1,57	**191**	20,01	**178**	4,12	**208**	9,14	**215**
74 548 716	SW3	3,15	**176**	1,76	**196**	1,57	**192**	20,70	**387**	4,52	**390**	16,23	**384**

MaxiLock-N – PRSC – Toolholder with lever clamping

Scope of supply:
Tool holder with allen key

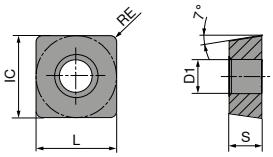
Illustrations show right-hand versions

ISO designation	Adapter	LPR mm	l_2 mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 74 552 ... EUR 2D/80		Right-hand 74 551 ... EUR 2D/80	
HSK T63 PRSC R/L 12	HSK-T 63	70	44	53	45	100	3	RC.. 1204 M0	289,80	**512**	289,80	**512**
HSK T100 PRSC R/L 12	HSK-T 100	80	57	88	55	106	3	RC.. 1204 M0	330,20	**712**	330,20	**712**
HSK T100 PRSC R/L 16	HSK-T 100	80	55	88	55	125	4	RC.. 1606 M0	330,20	**716**	330,20	**716**

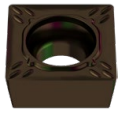
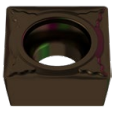
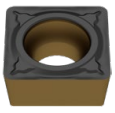
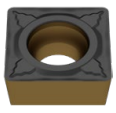
Spare parts for Article no.		Key I 70 950 ... EUR 2A/28		Shim 70 950 ... EUR 2A/28		Assembly pin 70 950 ... EUR 2A/28		Lever 70 950 ... EUR 2A/28		Clamping screw 70 950 ... EUR 2A/28		Solid carbide support R 70 950 ... EUR 2A/28	
74 551 512 / 74 552 512	SW2,5	3,15	**175**	2,27	**197**	1,57	**191**	20,01	**178**	4,12	**208**	9,14	**215**
74 551 712 / 74 552 712	SW2,5	3,15	**175**	2,27	**197**	1,57	**191**	20,01	**178**	4,12	**208**	9,14	**215**
74 551 716 / 74 552 716	SW3	3,15	**176**	1,76	**196**	1,57	**192**	20,70	**387**	4,52	**390**	16,23	**384**

SCGT / SCMT

Designation	L	S	D1	IC
	mm	mm	mm	mm
SC.T 09T3..	9,52	3,97	4,4	9,52
SC.T 1204..	12,70	4,76	5,5	12,70

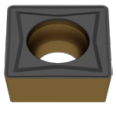
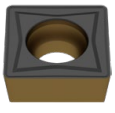


SCGT / SCMT

		-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
								
		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	EUR 1A/78	EUR 1A/78	EUR 1A/78	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
09T304EN	0,4	19,86 004	12,73 004	18,22 902		12,76 50401	12,76 30401	
09T308EN	0,8	19,86 006	12,73 006	18,22 904	12,76 30601	12,76 50601	12,76 30601	
120408EN	0,8					17,96 51801		17,96 71801
P		●	●	●	●	●	●	●
M		○	○	○				○
K		○	○	○	○	○	○	
N								
S								
H								
O								

9

SCMT

		-SM CTCK110	-SM CTCK120	NEW -SM CTCP115-P	NEW -SM CTCP125-P	NEW -SM CTCP135-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
						
		M	M	M	M	M
		SCMT	SCMT	SCMT	SCMT	SCMT
		70 268 ...	70 268 ...	76 268 ...	76 268 ...	76 268 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
09T304EN	0,4	12,76 004	12,76 504	12,76 30401	12,76 50401	12,76 70401
09T308EN	0,8	12,76 006	12,76 506	12,76 30601	12,76 50601	12,76 70601
120408EN	0,8	17,96 018	17,96 518	17,96 31801	17,96 51801	17,96 71801
120412EN	1,2	17,96 020	17,96 520		17,96 52001	
P		○	○	●	●	●
M						○
K		●	●	○	○	
N						
S						
H						
O						

SCMT

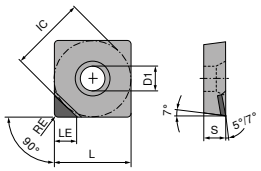
		NEW	NEW			
		-M25 CTPM125	-SM CTPM125	-M55 CTCM120	-M55 CTPM125	-M55 CTCM130
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
						
		F	M	M	M	M
		SCMT	SCMT	SCMT	SCMT	SCMT
		75 222 ...	75 049 ...	75 216 ...	75 216 ...	75 216 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
09T304EN	0,4	12,76 70400				
09T308EN	0,8		12,76 20600	12,76 10600	12,76 206	12,76 30600
120408EN	0,8		17,96 21800	17,96 11800	17,96 218	17,96 31800
P		○	○	○	○	○
M		●	●	●	●	●
K						
N						
S						○
H						
O						

SCGT

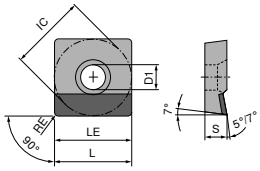
		-25P H210T	-25P CTPX710	-27 CTPX715	-27 H10T
			DRAGONSKIN	DRAGONSKIN	
					
		F	M	M	M
		SCGT	SCGT	SCGT	SCGT
		70 283 ...	70 283 ...	70 270 ...	70 270 ...
ISO	RE mm	EUR 1A/90	EUR 1A/90	EUR 1A/90	EUR 1A/90
09T304FN	0,4			17,91 80400	14,34 600
09T308FN	0,8			17,91 80600	14,34 602
120408FN	0,8	17,50 634	20,74 71600	20,31 71800	16,76 604
P			●	●	
M			●	●	
K		○		○	○
N		●	●	●	●
S		○	●	●	
H					
O		○		○	○

SCGW / SCGT

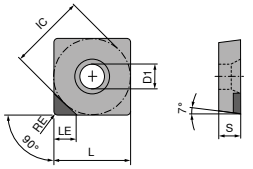
Designation	L	S	D1	IC
	mm	mm	mm	mm
SCG. 09T3..	9,52	3,97	4,4	9,52
SCG. 1204..	12,70	4,76	5,5	12,70



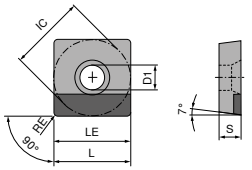
SCGT A



SCGT A



SCGW A



SCGW A

SCGW / SCGT

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

				CTDPD20		CTDPD20		-CB1 CTDPD20		CTDPS30		CTDPS30	
				F		F		F		F		F	
				DIAMOND SCGW		DIAMOND SCGW		DIAMOND SCGT		DIAMOND SCGW		DIAMOND SCGT	
				71 182 ...		71 183 ...		71 320 ...		71 182 ...		71 180 ...	
ISO	RE mm	TCE (NOI)	LE mm	EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0	
09T304FN	0,4	A (1)	9,52			108,80	10001						
09T304FN	0,4	A (1)	4,40	74,00	10001			82,00	114	74,00	20601	74,00	20001
09T308FN	0,8	A (1)	9,52			108,80	10101						
09T308FN	0,8	A (1)	4,30	74,00	10101			82,00	118			74,00	20101
09T312FN	1,2	A (1)	4,20	74,00	10201							74,00	20201
120404FN	0,4	A (1)	12,70			120,40	10201						
120404FN	0,4	A (1)	4,40	81,00	10301								
120408FN	0,8	A (1)	4,30	81,00	10401								
120408FN	0,8	A (1)	12,70			120,40	10301						
120412FN	1,2	A (1)	4,20	81,00	10501								
120412FN	1,2	A (1)	12,70			120,40	10401						
P													
M													
K													
N				●		●		●		●		●	
S													
H													
O				●		●		●		●		●	

9

SCGT

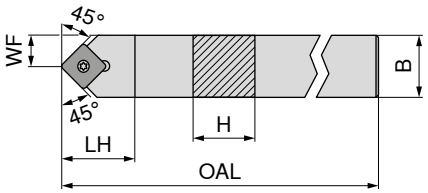
▲ TCE(NOI) = Design and number of equipped cutting edge corners

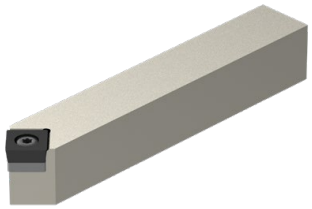
				CTDPS30		-CB2 CTDPS30		-CB3 CTDPU20	
									
				F		M		R	
				DIAMOND SCGT		DIAMOND SCGT		DIAMOND SCGT	
				71 181 ...		71 321 ...		71 322 ...	
ISO	RE mm	TCE (NOI)	LE mm	EUR Y0		EUR Y0		EUR Y0	
09T304FN	0,4	A (1)	4,4			82,00	214	82,00	214
09T308FN	0,8	A (1)	9,5	108,80	20001				
09T308FN	0,8	A (1)	4,3			82,00	218	82,00	218
120408FN	0,8	A (1)	12,7	120,40	20101				
120412FN	1,2	A (1)	12,0	120,40	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	EUR 2A/24	
SSDC N 1212 F09	12	12	80	16	6,0	3,2	SC.. 09T3..	80,94	**01200**
SSDC N 1616 H09	16	16	100	20	8,0	3,2	SC.. 09T3..	101,20	**01600**
SSDC N 2020 K09	20	20	125	20	10,0	3,2	SC.. 09T3..	107,20	**02000**
SSDC N 1616 H12	16	16	100	25	8,0	5	SC.. 1204..	101,20	**11600**
SSDC N 2020 K12	20	20	125	25	10,0	5	SC.. 1204..	107,20	**12000**
SSDC N 2525 M12	25	25	150	25	12,5	5	SC.. 1204..	111,30	**12500**

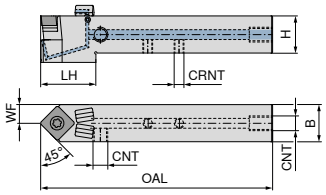
	 Key D	 Clamping screw	 Solid Carbide support S	 Threaded sleeve
	80 950 ...	**70 950 ...**	**70 950 ...**	**70 950 ...**
Spare parts for Article no.	EUR Y7	EUR 2A/28	EUR 2A/28	EUR 2A/28
70 651 01200	11,79 **120**	4,82 **87900**		
70 651 01600	11,79 **120**	4,82 **87900**		
70 651 02000	11,79 **120**	4,82 **87900**	12,46 **167**	5,98 **171**
70 651 11600	11,79 **120**	3,84 **820**	15,94 **168**	5,98 **170**
70 651 12000	11,79 **120**	3,84 **820**	15,94 **168**	5,98 **170**
70 651 12500	11,79 **120**	3,84 **820**	15,94 **168**	5,98 **170**

9

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 ...

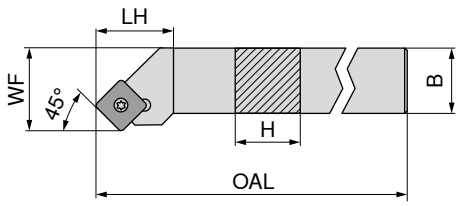
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	EUR 2A/24	
SSDC N 1212 F09 DC	12	12	80	25	12,8	M6	M6	3,2	SC.. 09T3..	171,30	**01200**
SSDC N 1616 H09 DC	16	16	100	30	16,0	M6	G1/8"	3,2	SC.. 09T3..	190,30	**01600**
SSDC N 2020 K09 DC	20	20	125	30	20,0	M6	G1/8"	3,2	SC.. 09T3..	201,70	**02000**
SSDC N 1616 H12 DC	16	16	100	29	17,3	M6	G1/8"	5	SC.. 1204..	190,30	**11600**
SSDC N 2020 K12 DC	20	20	125	30	20,0	M6	G1/8"	5	SC.. 1204..	201,70	**12000**
SSDC N 2525 M12 DC	25	25	150	30	25,0	M6	G1/8"	5	SC.. 1204..	209,40	**02500**

	 Clamping screw	 Solid Carbide support S	 Grubscrew	 Grubscrew	 Threaded sleeve
	70 950 ...	**70 950 ...**	**70 950 ...**	**70 950 ...**	**70 950 ...**
Spare parts for Article no.	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28	EUR 2A/28
70 776 01200	4,82 **87900**			3,84 **86700**	
70 776 01600	4,82 **87900**	12,46 **167**	2,19 **88000**	3,84 **86700**	5,98 **171**
70 776 02000	4,82 **87900**	12,46 **167**	2,19 **88000**	3,84 **86700**	5,98 **171**
70 776 11600	3,84 **820**	15,94 **168**	2,19 **88000**	3,84 **86700**	5,98 **170**
70 776 12000	3,84 **820**	15,94 **168**	2,19 **88000**	3,84 **86700**	5,98 **170**
70 776 02500	3,84 **820**	15,94 **168**	2,19 **88000**	3,84 **86700**	5,98 **170**

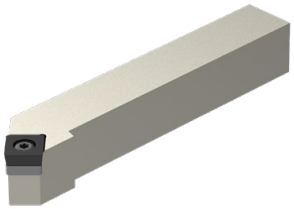
	 Sealing plugs DC	 Key D	 O-Ring	 Coolant nozzle DC	 Coolant screw plug
	70 950 ...	**80 950 ...**	**70 950 ...**	**70 950 ...**	**70 950 ...**
Spare parts for Article no.	EUR 2A/28	EUR Y7	EUR 2A/28	EUR 2A/28	EUR 2A/28
70 776 01200		11,79 **120**			
70 776 01600	1,53 **87600**	11,79 **120**	1,36 **88100**	30,13 **87700**	4,59 **294**
70 776 02000	1,53 **87600**	11,79 **120**	1,36 **88100**	30,13 **87700**	4,59 **294**
70 776 11600	1,53 **87600**	11,79 **120**	1,36 **88100**	30,13 **87700**	4,59 **294**
70 776 12000	1,53 **87600**	11,79 **120**	1,36 **88100**	30,13 **87700**	4,59 **294**
70 776 02500	1,53 **87600**	11,79 **120**	1,36 **88100**	30,13 **87700**	4,59 **294**

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

Scope of supply:
Tool holder with Torx key



Illustrations show right-hand versions



ISO designation	H	B	OAL	LH	WF	torque moment	Insert	NEW Left-hand 70 654 ... EUR 2A/24		NEW Right-hand 70 654 ... EUR 2A/24	
	mm	mm	mm	mm	mm	Nm					
SSSC R/L 1212 F09	12	12	80	18	16	3,2	SC.. 09T3..	80,94	**01200**	80,94	**01201**
SSSC R/L 1616 H09	16	16	100	20	20	3,2	SC.. 09T3..	101,20	**01600**	101,20	**01601**
SSSC R/L 2020 K09	20	20	125	20	25	3,2	SC.. 09T3..	107,20	**02000**	107,20	**02001**
SSSC R/L 1616 H12	16	16	100	25	20	5	SC.. 1204..	101,20	**11600**	101,20	**11601**
SSSC R/L 2020 K12	20	20	125	25	25	5	SC.. 1204..	107,20	**12000**	107,20	**12001**
SSSC R/L 2525 M12	25	25	150	25	32	5	SC.. 1204..	111,30	**12500**	111,30	**12501**
SSSC R 3225 P12	32	25	170	25	32	5	SC.. 1204..			116,40	**13201**


Key D


Clamping screw


Solid Carbide support S

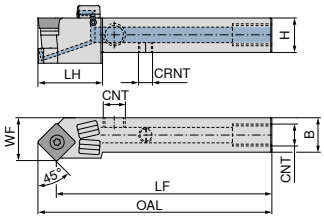

Threaded sleeve

Spare parts for Article no.	80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 654 01201 / 70 654 01200	11,79	**120**	4,82	**87900**				
70 654 01601 / 70 654 01600	11,79	**120**	4,82	**87900**	12,46	**167**	5,98	**171**
70 654 02001 / 70 654 02000	11,79	**120**	4,82	**87900**	12,46	**167**	5,98	**171**
70 654 11601 / 70 654 11600	11,79	**120**	3,84	**820**	15,94	**168**	5,98	**170**
70 654 12001 / 70 654 12000	11,79	**120**	3,84	**820**	15,94	**168**	5,98	**170**
70 654 12501 / 70 654 12500	11,79	**120**	3,84	**820**	15,94	**168**	5,98	**170**
70 654 13201	11,79	**120**	3,84	**820**	15,94	**168**	5,98	**170**

MaxiLock-S – SSSC 45° 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	
										70 777 ...		70 777 ...	
ISO designation	H	B	OAL	LH	WF	CRNT	CNT	torque moment	Insert	EUR		EUR	
	mm	mm	mm	mm	mm			Nm		2A/24		2A/24	
SSSC R/L 1212 F09 DC	12	12	86,5	22	16,0	M6	M6	3,2	SC.. 09T3..	171,30	**01201**	171,30	**01200**
SSSC R/L 1616 H09 DC	16	16	106,5	30	20,0	M6	G1/8"	3,2	SC.. 09T3..	190,30	**01601**	190,30	**01600**
SSSC R/L 2020 K09 DC	20	20	131,5	30	25,0	M6	G1/8"	3,2	SC.. 09T3..	201,70	**02001**	201,70	**02000**
SSSC R/L 1616 H12 DC	16	16	108,5	30	20,0	M6	G1/8"	5	SC.. 1204..	190,30	**11601**	190,30	**11600**
SSSC R/L 2020 K12 DC	20	20	133,5	30	25,0	M6	G1/8"	5	SC.. 1204..	201,70	**12001**	201,70	**12000**
SSSC R/L 2525 M12 DC	25	25	158,5	32	32,0	M6	G1/8"	5	SC.. 1204..	209,40	**02501**	209,40	**02500**
SSSC L 3225 P 12 DC	32	25	178,5	32	32,1	G1/8"	G1/8"	5	SC.. 1204..	219,80	**03201**		

Clamping screw

Solid Carbide support S

Grubscrew

Grubscrew

Threaded sleeve

	70 950 ...		70 950 ...		70 950 ...		70 950 ...		70 950 ...	
Spare parts for Article no.	EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28	
70 777 01200 / 70 777 01201	4,14	**859**					3,84	**86700**		
70 777 01600 / 70 777 01601	4,82	**87900**	12,46	**167**	2,19	**88000**	3,84	**86700**	5,98	**171**
70 777 02000 / 70 777 02001	4,82	**87900**	12,46	**167**	2,19	**88000**	3,84	**86700**	5,98	**171**
70 777 11600 / 70 777 11601	3,84	**820**	15,94	**168**	2,19	**88000**	3,84	**86700**	5,98	**170**
70 777 12000 / 70 777 12001	3,84	**820**	15,94	**168**	2,19	**88000**	3,84	**86700**	5,98	**170**
70 777 02500 / 70 777 02501	3,84	**820**	15,94	**168**	2,19	**88000**	3,84	**86700**	5,98	**170**
70 777 03201	3,84	**820**	15,94	**168**	2,19	**88000**			5,98	**170**

Sealing plugs DC

Key D

O-Ring

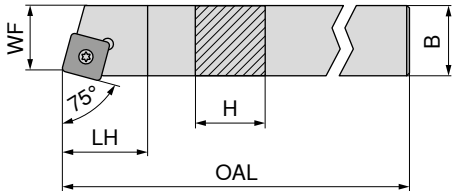
Coolant nozzle DC

Coolant screw plug

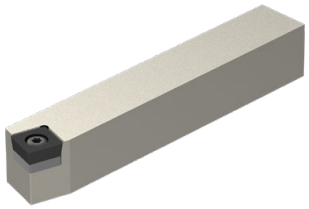
	70 950 ...		80 950 ...		70 950 ...		70 950 ...		70 950 ...	
Spare parts for Article no.	EUR 2A/28		EUR Y7		EUR 2A/28		EUR 2A/28		EUR 2A/28	
70 777 01200 / 70 777 01201			11,79	**120**						
70 777 01600 / 70 777 01601	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 777 02000 / 70 777 02001	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 777 11600 / 70 777 11601	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 777 12000 / 70 777 12001	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 777 02500 / 70 777 02501	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 777 03201	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**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 70 650 ... EUR 2A/24		NEW Right-hand 70 650 ... EUR 2A/24	
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..	107,20	**12000**	107,20	**12001**
SSBC R/L 2525 M12	25	25	150	20	22	5	SC.. 1204..	111,30	**12500**	111,30	**12501**


Key D


Clamping screw


Solid Carbide support S

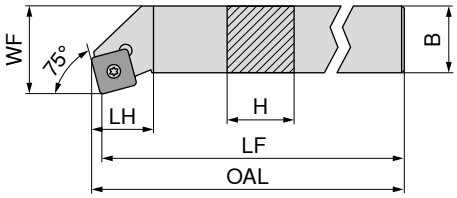

Threaded sleeve

	Key D 80 950 ... EUR Y7		Clamping screw 70 950 ... EUR 2A/28		Solid Carbide support S 70 950 ... EUR 2A/28		Threaded sleeve 70 950 ... EUR 2A/28	
Spare parts for Article no.								
70 650 12001 / 70 650 12000	11,79	**120**	3,84	**820**	15,94	**168**	5,98	**170**
70 650 12501 / 70 650 12500	11,79	**120**	3,84	**820**	15,94	**168**	5,98	**170**

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

9

Scope of supply:
Tool holder with blind plug and Torx key



Illustrations show right-hand versions

									Left-hand 70 669 ... EUR 2A/24		Right-hand 70 668 ... EUR 2A/24	
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..	103,10	**016**	103,10	**016**
SSKC R/L 2020 K09	20	20	125	127,3	22	25	3,2	SC.. 09T3..	109,60	**020**	109,60	**020**
SSKC R 2020 K12	20	20	125	127,3	23	25	5	SC.. 1204..			109,60	**120**
SSKC R 2525 M12	25	25	150	153,3	23	32	5	SC.. 1204..			113,40	**125**


Key D


Combination Key


Clamping screw


Solid Carbide support S

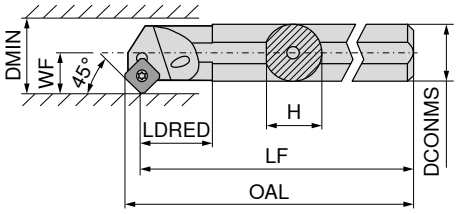

Threaded sleeve

	Key D 80 950 ... EUR Y7		Combination Key 70 950 ... EUR 2A/28		Clamping screw 70 950 ... EUR 2A/28		Solid Carbide support S 70 950 ... EUR 2A/28		Threaded sleeve 70 950 ... EUR 2A/28	
Spare parts for Article no.										
70 668 016 / 70 669 016	11,96	**113**	10,66	**398**	4,14	**113**	12,46	**167**	5,98	**171**
70 668 020 / 70 669 020	11,96	**113**	10,66	**398**	4,14	**113**	12,46	**167**	5,98	**171**
70 668 120	11,96	**113**	10,66	**398**	3,38	**114**	15,94	**168**	5,98	**170**
70 668 125	11,96	**113**	10,66	**398**	3,38	**114**	15,94	**168**	5,98	**170**

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 70 721 ... EUR 2A/24		Right-hand 70 720 ... EUR 2A/24	
S16R SSSC R 09	16	15,00	200	206,0	13,97	11	20	3,2	SC.. 09T3..			127,20	**016**
A16M SSSC R/L 09	16	15,25	150	156,0	29,00	11	20	3,2	SC.. 09T3..	127,20	**216**	127,20	**216**
A20Q SSSC R/L 09	20	19,00	180	186,0	32,00	13	25	3,2	SC.. 09T3..	158,60	**220**	158,60	**220**
A25R SSSC R/L 09	25	24,50	200	206,0	36,00	17	32	3,2	SC.. 09T3..	182,30	**225**	182,30	**225**
A32S SSSC R/L 12	32	31,00	250	258,3	50,00	22	40	5	SC.. 1204..	250,60	**232**	250,60	**232**
A40T SSSC R/L 12	40	39,00	300	308,1	60,00	27	50	5	SC.. 1204..	301,00	**240**	301,00	**240**


Key D


Combination Key


Clamping screw

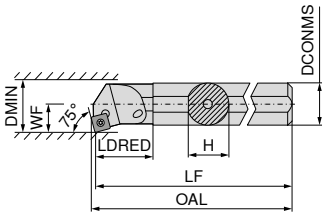

Solid Carbide support S


Threaded sleeve

Spare parts for Article no.	80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 720 016	11,96	**113**			4,14	**110**				
70 720 216 / 70 721 216	11,96	**113**			4,14	**110**				
70 720 220 / 70 721 220	11,96	**113**			4,06	**304**				
70 720 225 / 70 721 225	11,96	**113**			4,06	**304**				
70 720 232 / 70 721 232			10,66	**398**	3,38	**114**	15,94	**168**	5,98	**170**
70 720 240 / 70 721 240			10,66	**398**	3,38	**114**	15,94	**168**	5,98	**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 70 725 ... EUR 2A/24		Right-hand 70 724 ... EUR 2A/24	
A16M SSKC R/L 09	16	15,0	150	152,4	29	11	20	3,2	SC.. 09T3..	127,20	**216**	127,20	**216**
A20Q SSKC R/L 09	20	18,5	180	182,4	32	13	25	3,2	SC.. 09T3..	158,60	**220**	158,60	**220**
A25R SSKC R/L 09	25	23,0	200	202,4	36	17	32	3,2	SC.. 09T3..	182,30	**225**	182,30	**225**

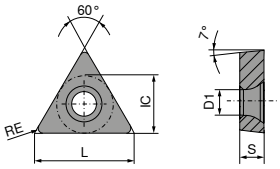

Key D


Clamping screw

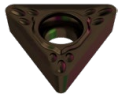
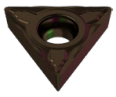
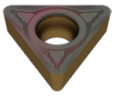
Spare parts for Article no.		80 950 ... EUR Y7			70 950 ... EUR 2A/28	
70 724 216 / 70 725 216	T15	11,96	**113**	M3,5x7,2	4,14	**110**
70 724 220	T15	11,96	**113**	M3,5x8,6	4,06	**304**
70 725 220	T15	11,96	**113**	M3,5x8,6	4,06	**304**
70 724 225 / 70 725 225	T15	11,96	**113**	M3,5x8,6	4,06	**304**

TCGT / TCMT

Designation	L	S	D1	IC
	mm	mm	mm	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

		-CF05 CTEP110		-CF55 CTEP110		-SF TCM10		-SMF TCM10		NEW -SF CTCP125-P		NEW -SMF CTCP115-P		NEW -SMF CTCP135-P	
		DRAGONSKIN		DRAGONSKIN						DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	
															
		F		F		F		F		F		F		F	
		CERMET TCGT		CERMET TCMT		CERMET TCGT		CERMET TCMT		TCMT		TCMT		TCMT	
		76 272 ...		76 266 ...		70 273 ...		70 284 ...		76 275 ...		76 284 ...		76 284 ...	
ISO	RE	EUR 1A/78		EUR 1A/78		EUR 1A/78		EUR 1A/78		EUR 1A/08		EUR 1A/08		EUR 1A/08	
	mm														
110202EN	0,2	17,80	014			16,47	900								
110204EN	0,4	17,80	016	10,14	016	16,47	902	9,57	902	10,04	51601				
110208EN	0,8	17,80	018							10,04	51801	10,04	31801	10,04	71801
16T304EN	0,4	22,55	028			20,87	906			14,51	52801	14,51	32801		
16T308EN	0,8			14,07	030					14,51	53001	14,51	33001		
P		●		●		●		●		●		●		●	
M		○		○		○		○						○	
K		○		○		○		○		○		○			
N															
S															
H															
O															

9

TCGT / TCMT

		NEW			NEW	NEW	NEW	NEW
		-SM CTCP135-P	-SM CTCK110	-SM CTCK120	-SM CTCP115-P	-SM CTCP115-P	-SM CTCP125-P	-SM CTCP135-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		M	M	M	M	M	M	M
		TCGT	TCMT	TCMT	TCMT	TCMT	TCMT	TCMT
		76 270 ...	70 274 ...	70 274 ...	76 189 ...	76 274 ...	76 274 ...	76 274 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
090204EN	0,4						10,04 50401	10,04 70401
110202EN	0,2	17,80 71401						
110204EN	0,4		10,04 016	10,04 516		10,04 31601	10,04 51601	10,04 71601
110208EN	0,8		10,04 018	10,04 518		10,04 31801		10,04 71801
16T304EN	0,4		14,51 028	14,51 528		14,51 32801	14,51 52801	14,51 72801
16T308EN	0,8		14,51 030	14,51 530		14,51 33001	14,51 53001	14,51 73001
16T312EN	1,2		14,51 032	14,51 532				
220408EN	0,8				20,87 34201		20,87 54201	20,87 74201
P		●	○	○	●	●	●	●
M		○						○
K			●	●	○	○	○	
N								
S								
H								
O								

TCMT

		NEW				NEW	
		-F43 CTCM130	-M25 CTCM120	-M25 CTPM125	-M25 CTCM130	-SM CTPM125	-M55 CTCM120
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
							
		F	F	F	F	M	M
		TCMT	TCMT	TCMT	TCMT	TCMT	TCMT
		75 033 ...	75 217 ...	75 217 ...	75 217 ...	75 050 ...	75 218 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
090204EN	0,4			10,04 20400		10,04 20400	10,04 10400
110204EN	0,4	10,04 31600	10,04 11600	10,04 216	10,04 31600	10,04 21600	10,04 11600
16T304EN	0,4	14,51 32800	13,81 12800	14,51 228	14,51 32800	14,51 22800	
16T308EN	0,8	14,51 33000	13,81 13000	14,51 230	14,51 33000	14,51 23000	14,51 13000
220408EN	0,8					20,87 24200	
220412EN	1,2					20,87 24400	
P		○	○	○	○	○	○
M		●	●	●	●	●	●
K							
N							
S		○			○		
H							
O							

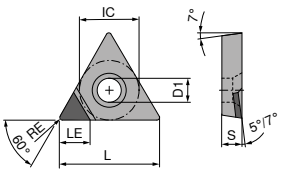
TCMT / TCGT

		-M55 CTPM125 DRAGONSKIN		-M55 CTCM130 DRAGONSKIN		-27 H10T		-27 CTPX715 DRAGONSKIN	
									
		M TCMT		M TCMT		M TCGT		M TCGT	
		75 218 ...		75 218 ...		70 276 ...		70 276 ...	
ISO	RE mm	EUR 1A/08		EUR 1A/08		EUR 1A/90		EUR 1A/90	
090204EN	0,4	10,04	204	10,04	30400				
110202FN	0,2					14,34	600	17,06	71400
110204EN	0,4	10,04	216	10,04	31600				
110204FN	0,4					14,34	602	17,91	81600
16T302FN	0,2					16,89	604		
16T304FN	0,4					16,89	606	20,01	72800
16T308EN	0,8	14,51	230	14,51	33000				
16T308FN	0,8					16,89	608	21,02	83000
P		○		○				●	
M		●		●				●	
K							○	○	
N							●	●	
S				○				●	
H									
O							○	○	

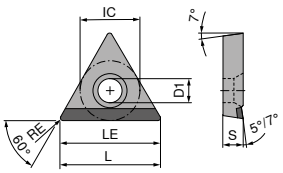
9

TCGW / TCGT

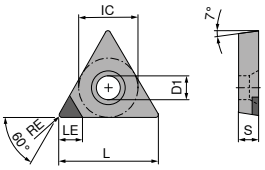
Designation	L	S	D1	IC
	mm	mm	mm	mm
TCG. 0902..	9,6	2,38	2,5	5,56
TCG. 1102..	11,0	2,38	2,8	6,35
TCG. 16T3..	16,5	3,97	4,4	9,52



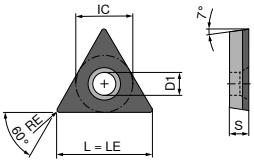
TCGT A



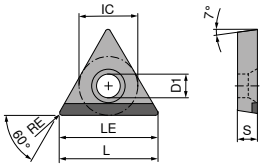
TCGT A



TCGW A



TCGW F



TCGW A

TCGW / TCGT

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

				CTDPD20		CTDPD20		CTDPD20		CTDPD20		-CB1 CTDPD20		CTDPS30	
															
				F		F		F		F		F		F	
				DIAMOND TCGW		DIAMOND TCGW		DIAMOND TCGW		DIAMOND TCGT		DIAMOND TCGT		DIAMOND TCGT	
				71 188 ...		71 187 ...		71 140 ...		71 184 ...		71 325 ...		71 184 ...	
ISO	RE mm	TCE (NOI)	LE mm	EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0	
090202FN	0,2	A (1)	3,7					64,00	100			72,00	112	64,00	20001
090204FN	0,4	A (1)	3,4					64,00	102			72,00	114	64,00	20101
090208FN	0,8	A (1)	3,0					64,00	104	64,00	10001				
090208FN	0,8	A (1)	9,6	97,30	10001										
110202FN	0,2	A (1)	3,7					74,00	106	74,00	10101	82,00	122		
110202FN	0,2	F	11,0			219,60	10001								
110204FN	0,4	A (1)	3,4					74,00	108	74,00	10201	82,00	124	74,00	20201
110204FN	0,4	F	11,0			219,60	10101								
110204FN	0,4	A (1)	11,0	102,20	10101										
110208FN	0,8	A (1)	3,0					74,00	110	74,00	10301				
110208FN	0,8	A (1)	11,0	102,20	10201										
16T304FN	0,4	A (1)	4,6					81,00	112	81,00	10401	81,00	134	81,00	20301
16T304FN	0,4	A (1)	16,5	135,20	10301										
16T308FN	0,8	A (1)	4,2					81,00	114	81,00	10501	81,00	13600		
16T308FN	0,8	A (1)	16,5	135,20	10401										
16T312FN	1,2	A (1)	3,8					81,00	11600						
P															
M															
K															
N				●		●		●		●		●		●	
S															
H															
O				●		●		●		●		●		●	

TCGW / TCGT

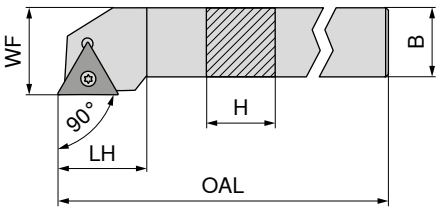
▲ TCE(NOI) = Design and number of equipped cutting edge corners

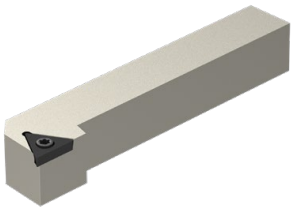
				CTDPS30		CTDPS30		-CB2 CTDPS30		CTDPU20		-CB3 CTDPU20		CTDCD10	
															
				F		F		M		F		R		F	
				DIAMOND TCGW		DIAMOND TCGT		DIAMOND TCGT		DIAMOND TCGW		DIAMOND TCGT		DIAMOND TCGW	
				71 186 ...		71 185 ...		71 326 ...		71 188 ...		71 327 ...		71 186 ...	
ISO	RE mm	TCE (NOI)	LE mm	EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0	
090202FN	0,2	A (1)	3,7	64,00	20001			72,00	212						
090204FN	0,4	A (1)	3,4					72,00	214						
090204FN	0,4	A (1)	9,6			97,30	20001								
110202FN	0,2	A (1)	2,6											90,28	40001
110202FN	0,2	A (1)	3,7	74,00	20101			82,00	222						
110204FN	0,4	A (1)	2,3											90,28	40101
110204FN	0,4	A (1)	3,4	74,00	20201			82,00	224			82,00	224		
110204FN	0,4	A (1)	11,0			102,20	20101			95,65	30001				
110208FN	0,8	A (1)	2,0											90,28	40201
110208FN	0,8	A (1)	11,0			102,20	20201								
16T304FN	0,4	A (1)	2,3											98,82	40301
16T304FN	0,4	A (1)	4,6					81,00	234						
16T304FN	0,4	A (1)	16,5			135,20	20301								
16T308FN	0,8	A (1)	2,0											98,82	40401
16T308FN	0,8	A (1)	4,2									81,00	238		
16T308FN	0,8	A (1)	16,5			135,20	20401								
P															
M															
K															
N				●		●		●		●		●		●	
S															
H															
O				●		●		●		●		●		●	

9

MaxiLock-S – STGC 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	NEW Left-hand 70 659 ... EUR 2A/24		NEW Right-hand 70 659 ... EUR 2A/24	
STGC R/L 1212 F11	12	12	80	15	16	1,2	TC.. 1102	80,94	**01200**	80,94	**01201**
STGC R/L 1616 H16	16	16	100	22	20	3,2	TC.. 16T3	101,20	**01600**	101,20	**01601**
STGC R/L 2020 K16	20	20	125	22	25	3,2	TC.. 16T3	107,20	**02000**	107,20	**02001**
STGC R/L 2525 M16	25	25	150	22	32	3,2	TC.. 16T3	111,30	**02500**	111,30	**02501**


Key D


Clamping screw


Solid Carbide Seat T

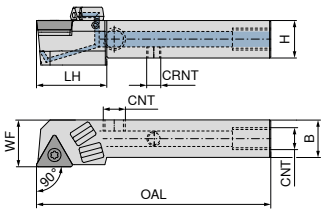

Threaded sleeve

Spare parts for Article no.	80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 659 01201 / 70 659 01200	8,11	**039**	5,38	**857**				
70 659 01601 / 70 659 01600	11,79	**120**	4,82	**87900**	10,01	**169**	5,98	**171**
70 659 02001 / 70 659 02000	11,79	**120**	4,82	**87900**	10,01	**169**	5,98	**171**
70 659 02501 / 70 659 02500	11,79	**120**	4,82	**87900**	10,01	**169**	5,98	**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

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	NEW Left-hand 70 778 ... EUR 2A/24		NEW Right-hand 70 778 ... EUR 2A/24	
STGC R/L 1212 F11 DC	12	12	80	17,1	16	M6	M6	1,2	TC.. 1102	171,30	**01201**	171,30	**01200**
STGC R/L 1616 H16 DC	16	16	100	30,0	20	M6	G1/8"	3,2	TC.. 16T3	190,30	**01601**	190,30	**01600**
STGC R/L 2020 K16 DC	20	20	125	28,0	25	M6	G1/8"	3,2	TC.. 16T3	201,70	**02001**	201,70	**02000**
STGC R/L 2525 M16 DC	25	25	150	30,0	32	M6	G1/8"	3,2	TC.. 16T3	209,40	**02501**	209,40	**02500**

Spare parts for Article no.	Clamping screw 70 950 ... EUR 2A/28		Solid Carbide Seat T 70 950 ... EUR 2A/28		Grubscrew 70 950 ... EUR 2A/28		Grubscrew 70 950 ... EUR 2A/28		Threaded sleeve 70 950 ... EUR 2A/28	
70 778 01200 / 70 778 01201	5,38	**857**					3,84	**86700**		
70 778 01600 / 70 778 01601	4,82	**87900**	10,01	**169**	2,19	**88000**	3,84	**86700**	5,98	**171**
70 778 02000 / 70 778 02001	4,82	**87900**	10,01	**169**	2,19	**88000**	3,84	**86700**	5,98	**171**
70 778 02500 / 70 778 02501	4,82	**87900**	10,01	**169**	2,19	**88000**	3,84	**86700**	5,98	**171**

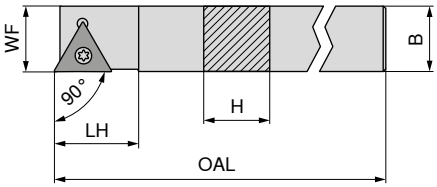
Spare parts for Article no.	Sealing plugs DC 70 950 ... EUR 2A/28		Key D 80 950 ... EUR Y7		O-Ring 70 950 ... EUR 2A/28		Coolant nozzle DC 70 950 ... EUR 2A/28		Coolant screw plug 70 950 ... EUR 2A/28	
70 778 01200 / 70 778 01201			8,11	**039**						
70 778 01600 / 70 778 01601	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 778 02000 / 70 778 02001	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 778 02500 / 70 778 02501	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**

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

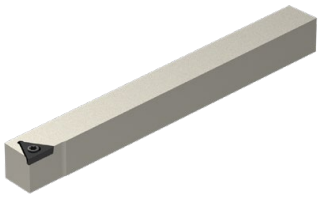
▲ for sliding head lathes

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	NEW Left-hand 70 655 ... EUR 2A/24		NEW Right-hand 70 655 ... EUR 2A/24	
STAC R/L 1212 K11	12	12	125	15	12	1,2	TC.. 1102	91,06	**01200**	91,06	**01201**

Key D

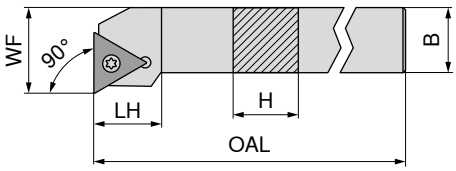
Clamping screw

Spare parts for Article no.		80 950 ... EUR Y7			70 950 ... EUR 2A/28	
70 655 01201 / 70 655 01200	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**

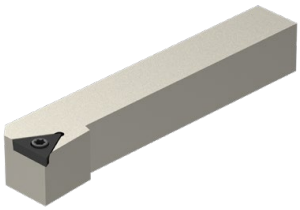
MaxiLock-S – STFC 90° – Toolholder with screw clamping

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	NEW Left-hand 70 658 ... EUR 2A/24		NEW Right-hand 70 658 ... EUR 2A/24	
STFC R/L 1212 F11	12	12	80	15	16	1,2	TC.. 1102	80,94	**01200**	80,94	**01201**
STFC R/L 1616 H16	16	16	100	20	20	3,2	TC.. 16T3	101,20	**01600**	101,20	**01601**
STFC R/L 2020 K16	20	20	125	20	25	3,2	TC.. 16T3	107,20	**02000**	107,20	**02001**
STFC R/L 2525 M16	25	25	150	20	32	3,2	TC.. 16T3	111,30	**02500**	111,30	**02501**

Key D

Clamping screw

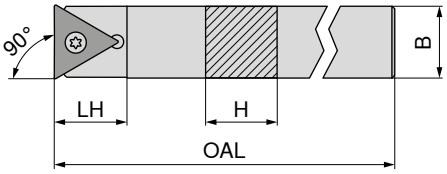
Solid Carbide Seat T

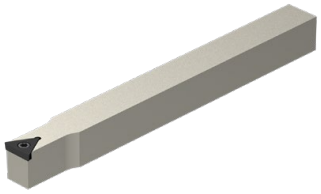
Threaded sleeve

Spare parts for Article no.	80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 658 01200 / 70 658 01201	8,11	**039**	5,38	**857**				
70 658 01600 / 70 658 01601	11,79	**120**	4,82	**87900**	10,01	**169**	5,98	**171**
70 658 02000 / 70 658 02001	11,79	**120**	4,82	**87900**	10,01	**169**	5,98	**171**
70 658 02500 / 70 658 02501	11,79	**120**	4,82	**87900**	10,01	**169**	5,98	**171**

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

Scope of supply:
Tool holder with Torx key





NEW
Neutral

ISO designation	H mm	B mm	OAL mm	LH mm	torque moment Nm	Insert	70 657 ... EUR 2A/24	
STCC N 0808 K09	8	8	125	11	1	TC.. 0902	75,87	**00800**
STCC N 1010 K11	10	10	125	15	1,2	TC.. 1102	80,94	**01000**
STCC N 1212 K11	12	12	125	15	1,2	TC.. 1102	91,06	**01200**
STCC N 1414 K11	14	14	125	21	1,2	TC.. 1102	91,06	**01400**
STCC N 1616 K11	16	16	125	24	1,2	TC.. 1102	101,20	**01600**

Key D

Clamping screw

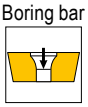
Spare parts for Article no.	80 950 ...	EUR Y7		70 950 ...	EUR 2A/28	
70 657 00800	T07 - IP	10,26	**117**	M2,2x5 - IP	4,19	**856**
70 657 01000	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**
70 657 01200	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**
70 657 01400	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**
70 657 01600	T08 - IP	8,11	**039**	M2,5x6 - IP	5,38	**857**

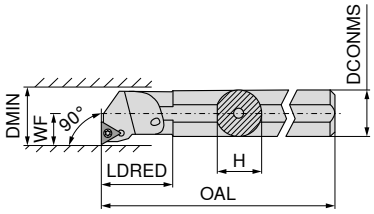
9

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

									Left-hand		Right-hand	
									70 729 ...		**70 728 ...**	
ISO designation	DCONMS	H	OAL	LDRED	WF	DMIN	torque moment	Insert	**EUR**		**EUR**	
	mm	mm	mm	mm	mm	mm	Nm		2A/24		2A/24	
A10H STFC R/L 09	10	9,5	100	19	7	13	1	TC.. 0902	124,50	**210**	124,50	**210**
A12K STFC R/L 11	12	11,5	125	22	9	16	1,2	TC.. 1102	124,50	**212**	124,50	**212**
A16M STFC R/L 11	16	15,0	150	29	11	20	1,2	TC.. 1102	127,20	**216**	127,20	**216**
S16R STFC R 11	16	15,0	200	21	11	21	1,2	TC.. 1102			127,20	**016**
S20S STFC R 11	20	18,0	250	15	13	25	1,2	TC.. 1102			158,60	**020**
A20Q STFC R/L 11	20	18,5	180	32	13	25	1,2	TC.. 1102	158,60	**220**	158,60	**220**
A25R STFC R/L 16	25	24,0	200	36	17	32	3,2	TC.. 16T3	182,30	**225**	182,30	**225**
A32S STFC R/L 16	32	31,0	250	50	22	40	3,2	TC.. 16T3	250,60	**232**	250,60	**232**
A40T STFC R/L 16	40	39,0	300	60	27	50	3,2	TC.. 16T3	301,00	**240**	301,00	**240**


Clamping screw


Solid Carbide Seat T


Threaded sleeve

									70 950 ...		**70 950 ...**	
Spare parts for Article no.									**EUR** 2A/28		**EUR** 2A/28	
70 728 020								M2,5x6 - T08	2,99	**13800**		
70 729 210 / 70 728 210								M2,2x5	3,32	**111**		
70 728 016								M2,5x6 - T08	2,99	**13800**		
70 729 212 / 70 728 212								M2,5x6 - T08	2,99	**13800**		
70 729 216 / 70 728 216								M2,5x6 - T08	2,99	**13800**		
70 729 220 / 70 728 220								M2,5x6 - T08	2,99	**13800**		
70 729 225 / 70 728 225								M3,5x11	4,14	**113**	10,01	**169**
70 729 232 / 70 728 232								M3,5x11	4,14	**113**	10,01	**169**
70 729 240 / 70 728 240								M3,5x11	4,14	**113**	10,01	**169**


Key D

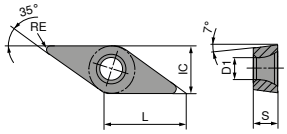

Combination Key

											80 950 ...	
Spare parts for Article no.											**EUR** Y7	
70 728 020									T08		10,05	**110**
70 729 210 / 70 728 210									T07		10,05	**109**
70 728 016									T08		10,05	**110**
70 729 212 / 70 728 212									T08		10,05	**110**
70 729 216 / 70 728 216									T08		10,05	**110**
70 729 220 / 70 728 220									T08		10,05	**110**
70 729 225 / 70 728 225												
70 729 232 / 70 728 232												
70 729 240 / 70 728 240												

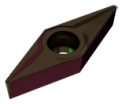
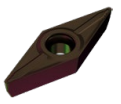
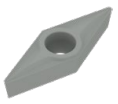
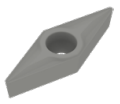
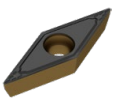
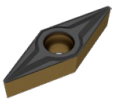
											70 950 ...	
Spare parts for Article no.											**EUR** 2A/28	
70 728 020												
70 729 210 / 70 728 210												
70 728 016												
70 729 212 / 70 728 212												
70 729 216 / 70 728 216												
70 729 220 / 70 728 220												
70 729 225 / 70 728 225										T15/SW	10,66	**398**
70 729 232 / 70 728 232										T15/SW	10,66	**398**
70 729 240 / 70 728 240										T15/SW	10,66	**398**

VCGT / VCMT / VCET

Designation	L	S	D1	IC
	mm	mm	mm	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

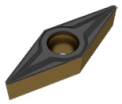
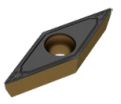
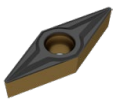
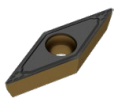
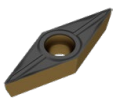
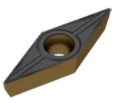
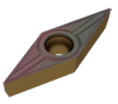


VCGT / VCMT

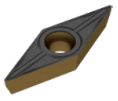
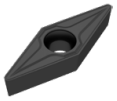
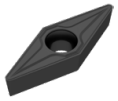
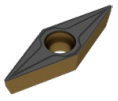
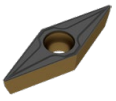
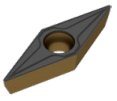
		-CF05 CTEP110	-CF55 CTEP110	-SF TCM407	-SF TCM10	-SMF TCM10	NEW -SF CTCP115-P	NEW -SF CTCP115-P
		DRAGONSKIN	DRAGONSKIN		DRAGONSKIN		DRAGONSKIN	DRAGONSKIN
								
		F	F	F	F	F	F	F
		CERMET VCGT	CERMET VCMT	CERMET VCGT	CERMET VCGT	CERMET VCMT	VCMT	VCGT
		76 276 ...	76 292 ...	70 277 ...	70 277 ...	70 288 ...	76 279 ...	76 277 ...
ISO	RE mm	EUR 1A/78	EUR 1A/78	EUR 1A/78	EUR 1A/78	EUR 1A/78	EUR 1A/08	EUR 1A/08
110301EN	0,1				20,15 892			
110302EN	0,2	22,08 014		20,15 844	20,15 894			21,03 31401
110304EN	0,4	22,08 016	17,14 016	20,15 846	20,15 896	16,19 896		21,03 31601
110308EN	0,8							21,03 31801
160404EN	0,4	26,33 028	21,03 028	25,44 850	25,44 900	20,01 900	21,03 32801	
160408EN	0,8	26,33 030	21,03 030		25,44 902	20,01 902	21,03 33001	
P		●	●	●	●	●	●	●
M		○	○	○	○	○		
K		○	○	○	○	○	○	○
N								
S								
H								
O								

9

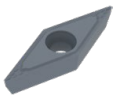
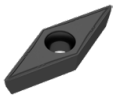
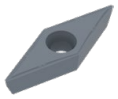
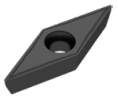
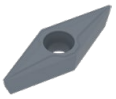
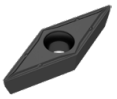
VCGT / VCMT

		NEW -SF CTCP125-P	NEW -SF CTCP125-P	NEW -SF CTCP135-P	NEW -SF CTCP135-P	NEW -SMF CTCP115-P	NEW -SMF CTCP125-P	NEW -SMF CTCP135-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
								
		F	F	F	F	F	F	F
		VCGT	VCMT	VCGT	VCMT	VCMT	VCMT	VCGT
		76 277 ...	76 279 ...	76 277 ...	76 279 ...	76 288 ...	76 288 ...	76 285 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
110302EN	0,2	21,03 51401		21,03 71401				21,03 71401
110304EN	0,4	21,03 51601		21,03 71601		18,09 31601	18,09 51601	
110308EN	0,8	21,03 51801		21,03 71801				
160404EN	0,4		21,03 52801		21,03 72801	21,03 32801	21,03 52801	
160408EN	0,8		21,03 53001			21,03 33001	21,03 53001	
P		●	●	●	●	●	●	●
M				○	○			○
K		○	○			○	○	
N								
S								
H								
O								

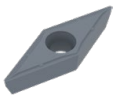
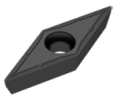
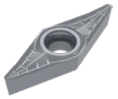
VCMT

		NEW				NEW	NEW	NEW
		-SMF CTCP135-P	-SM CTCK110	-SM CTCK120	-SM CTCP115-P	-SM CTCP125-P	-SM CTCP135-P
		DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
							
		F	M	M	M	M	M
		VCMT	VCMT	VCMT	VCMT	VCMT	VCMT
		76 288 ...	70 278 ...	70 278 ...	76 278 ...	76 278 ...	76 278 ...
ISO	RE mm	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
110304EN	0,4	18,09 71601					
160404EN	0,4	21,03 72801	21,03 028	21,03 528	21,03 32801	21,03 52801	21,03 72801
160406EN	0,6				21,03 32901		
160408EN	0,8	21,03 73001	21,03 030	21,03 530	21,03 33001	21,03 53001	21,03 73001
160412EN	1,2		21,03 032	21,03 532	21,03 33201	21,03 53201	21,03 73201
P		●	○	○	●	●	●
M		○					○
K			●	●	○	○	
N							
S							
H							
O							

VCGT / VCMT

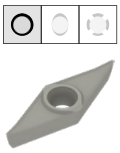
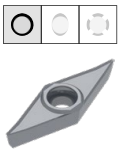
			NEW	NEW				NEW	
			-SF CTPM125	-SF CTPM125	-M25 CTCM120	-M25 CTPM125	-M25 CTCM130	-SM CTPM125	-M55 CTCM120
			DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN	DRAGONSKIN
									
			F	F	F	F	F	M	M
			VCGT	VCMT	VCMT	VCMT	VCMT	VCMT	VCMT
			75 045 ...	75 046 ...	75 219 ...	75 219 ...	75 219 ...	75 051 ...	75 220 ...
ISO	RE mm		EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08	EUR 1A/08
110302EN	0,2		21,03 21400						
110304EN	0,4		21,03 21600						
160404EN	0,4			21,03 22800	21,03 12800	21,03 228	21,03 32800	21,03 22800	21,03 12800
160408EN	0,8			21,03 23000	21,03 13000	21,03 23000	21,03 33000	21,03 23000	21,03 13000
P			○	○	○	○	○	○	○
M			●	●	●	●	●	●	●
K									
N									
S							○		
H									
O									

VCMT / VCGT

		-M55 CTPM125		-M55 CTCM130		-25P H210T		-25P CTPX710		-25Q H210T		NEW -25Q CTPX710	
		DRAGONSKIN		DRAGONSKIN				DRAGONSKIN					
													
		M		M		F		M		M		M	
		VCMT		VCMT		VCGT		VCGT		VCGT		VCGT	
		75 220 ...		75 220 ...		70 282 ...		70 282 ...		70 282 ...		70 282 ...	
ISO	RE mm	EUR 1A/08		EUR 1A/08		EUR 1A/90		EUR 1A/90		EUR 1A/90		EUR 1A/90	
110302FN	0,2					19,86	638	22,80	71400				
110304FL	0,4									22,08	670	26,86	81600
110304FN	0,4					19,86	640	22,80	71600				
110304FR	0,4									22,08	680	26,86	81700
160404EN	0,4	21,03	228	21,03	32800								
160404FN	0,4					24,26	642	28,23	72800				
160408EN	0,8	21,03	230	21,03	33000								
160408FN	0,8					24,26	644	28,23	73000				
160412FN	1,2					24,26	646	28,23	73200				
220530FN	3,0					32,80	648	37,63	75000				
P		○		○				●				●	
M		●		●				●				●	
K						○				○			
N						●		●		●		●	
S				○		○		●		○		●	
H													
O						○				○			

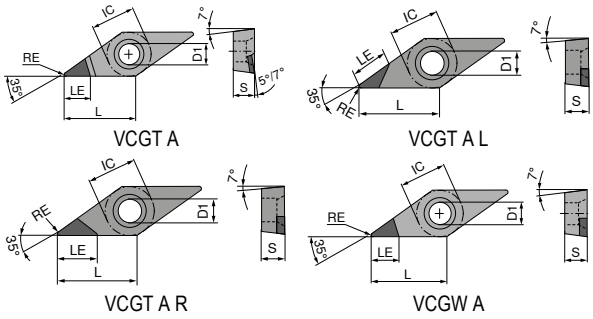
9

VCGT / VCMT / VCET

		-27 H10T	-27 CTPX715 DRAGONSKIN	-29 H216T	NEW -29 CTPX715 DRAGONSKIN	-F05 CTPX710 DRAGONSKIN
						
		M	M	M	M	F
		VCGT	VCGT	VCMT	VCMT	VCET
		70 280 ...	70 280 ...	70 247 ...	70 247 ...	76 255 ...
ISO	RE mm	EUR 1A/90	EUR 1A/90	EUR 1A/90	EUR 1A/90	EUR 1A/08
1103005FN	0,05					30,61 11400
110301FN	0,10					30,61 11600
1103015FN	0,15					30,61 11800
110302FN	0,20	18,95 606	22,22 81400			30,61 12000
160404EN	0,40			17,80 62800	21,33 72800	
110304FN	0,40	18,95 608	22,22 81600			30,61 12200
160404FN	0,40	23,10 612	26,91 82800			
160408EN	0,80			17,80 63000	21,33 73000	
160408FN	0,80	23,10 614	26,91 83000			
110308FN	0,80	18,95 610	25,69 71800			
160412FN	1,20	23,10 616				
160412EN	1,20			17,80 63200	21,33 73200	
220530FN	3,00	31,33 618				
P			●		●	●
M			●		●	●
K		○	○	○	○	
N		●	●	●	●	●
S			●		●	●
H						
O		○	○	○	○	

VCGT / VCGW

Designation	L	S	D1	IC
	mm	mm	mm	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

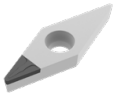
▲ TCE(NOI) = Design and number of equipped cutting edge corners

				CTDMD05		CTDMD05		CTDPD20		CTDPD20		CTDPD20		CTDPD20	
				F		F		F		F		F		F	
				DIAMOND VCGT		DIAMOND VCGW		DIAMOND VCGW		DIAMOND VCGT		DIAMOND VCGT		DIAMOND VCGT	
				71 189 ...		71 160 ...		71 160 ...		71 062 ...		71 063 ...		71 064 ...	
ISO	RE	TCE (NOI)	LE	EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0	
	mm		mm												
070202FN	0,2	A (1)		635,90	50001										
070204FN	0,4	A (1)		635,90	50101										
110301FN	0,1	A (1)	5,4							74,00	10100				
110302FN	0,2	A (1)	3,0			469,00	050								
110302FN	0,2	A (1)	4,6	659,60	50201			74,00	100	74,00	100				
110304FN	0,4	A (1)	3,0			469,00	052								
110304FN	0,4	A (1)	3,9	659,60	50301			74,00	102	74,00	102				
110304FR	0,4	A (1)	6,5									80,00	102		
110304FL	0,4	A (1)	6,5											80,00	102
110308FN	0,8	A (1)	3,3					74,00	104	74,00	104				
110308FR	0,8	A (1)	6,0									80,00	104		
110308FL	0,8	A (1)	6,0											80,00	104
160401FN	0,1	A (1)	6,0							81,00	10700				
160402FN	0,2	A (1)	5,9					72,00	105	81,00	105				
160402FN	0,2	A (1)		635,90	50401										
160404FN	0,4	A (1)	5,5					72,00	106	81,00	106				
160404FN	0,4	A (1)		635,90	50501										
160404FR	0,4	A (1)	7,5									86,00	106		
160404FL	0,4	A (1)	7,5											86,00	106
160408FN	0,8	A (1)	5,0			659,60	07800	72,00	108	81,00	108				
160408FR	0,8	A (1)	7,0									86,00	108		
160408FL	0,8	A (1)	7,0											86,00	108
160408FN	0,8	A (1)		635,90	50601										
160412FN	1,2	A (1)	4,5					72,00	110	81,00	110				
160412FR	1,2	A (1)	7,0									86,00	110		
160412FL	1,2	A (1)	7,0											86,00	110
P															
M															
K															
N				●		●		●		●		●		●	
S															
H															
O				●		●		●		●		●		●	

9

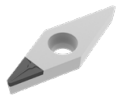
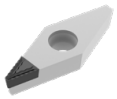
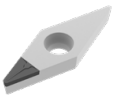
VCGT / VCGW

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

				-CB1 CTDPD20		CTDPS30		CTDPS30		-CB1 CTDPS30		-CB2 CTDPS30		CTDPU20	
															
				F		F		F		F		M		F	
				DIAMOND VCGT		DIAMOND VCGW		DIAMOND VCGT		DIAMOND VCGT		DIAMOND VCGT		DIAMOND VCGW	
				71 330 ...		71 191 ...		71 189 ...		71 330 ...		71 331 ...		71 191 ...	
ISO	RE mm	TCE (NOI)	LE mm	EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0	
070201FN	0,1	A (1)	3,8					64,00	20001						
070202FN	0,2	A (1)	3,6			64,00	20001								
070204FN	0,4	A (1)	3,2			64,00	20101								
110301FN	0,1	A (1)	5,4	82,00	11000	74,00	20201	74,00	20101						
110302FN	0,2	A (1)	4,6	82,00	112	74,00	20301	74,00	20201	82,00	21200	82,00	212		
110304FN	0,4	A (1)	3,9	82,00	114	74,00	20401	74,00	20301	82,00	214	82,00	214		
110308FN	0,8	A (1)	3,3									82,00	21800		
130302FN	0,2	A (1)	5,9			81,00	20501	81,00	20401						
160401FN	0,1	A (1)	6,0			72,00	20601	81,00	20501						
160402FN	0,2	A (1)	5,9	92,94	13200			81,00	20601			92,94	23200		
160404FN	0,4	A (1)	5,5	92,94	134	72,00	20701	81,00	20701	92,94	234	92,94	234	72,00	30001
160408FN	0,8	A (1)	5,0	92,94	138	72,00	20801			92,94	238	92,94	238		
160412FN	1,2	A (1)	4,5	92,94	14000	72,00	20901			92,94	24000	92,94	242		
P															
M															
K															
N				●		●		●		●		●		●	
S															
H															
O				●		●		●		●		●		●	

VCGT / VCGW

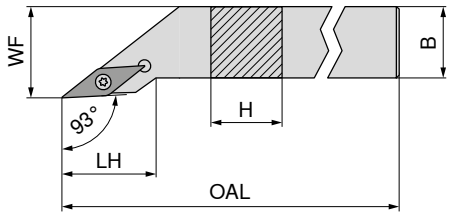
▲ TCE(NOI) = Design and number of equipped cutting edge corners

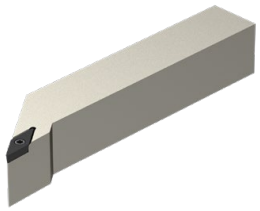
				-CB2 CTDPU20		-CB3 CTDPU20		CTDCD10		-CB1 CTDCD10		-CB2 CTDCD10	
													
				M		R		F		F		M	
				DIAMOND VCGT		DIAMOND VCGT		DIAMOND VCGW		DIAMOND VCGT		DIAMOND VCGT	
				71 190 ...		71 332 ...		71 191 ...		71 330 ...		71 331 ...	
ISO	RE mm	TCE (NOI)	LE mm	EUR Y0		EUR Y0		EUR Y0		EUR Y0		EUR Y0	
110301FN	0,1	A (1)	3,0							100,00	31000		
110302FN	0,2	A (1)	3,0					90,28	40001	100,00	312	100,00	312
110304FN	0,4	A (1)	3,0					90,28	40101	100,00	314	100,00	314
110304FN	0,4	A (1)	3,9			82,00	214						
110308FN	0,8	A (1)	3,0					90,28	40201				
160402FN	0,2	A (1)	3,0					98,82	40301	113,40	32200	113,40	33200
160404FN	0,4	A (1)	3,0					98,82	40401	113,40	32400	113,40	334
160404FN	0,4	A (1)	5,5	92,94	30001	92,94	234						
160408FN	0,8	A (1)	3,0					98,82	40501	113,40	32600	113,40	338
160412FN	1,2	A (1)	3,0							113,40	32800	113,40	34000
P													
M													
K													
N				●		●		●		●		●	
S													
H													
O				●		●		●		●		●	

9

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

Scope of supply:
Tool holder with Torx key





Illustrations show right-hand versions

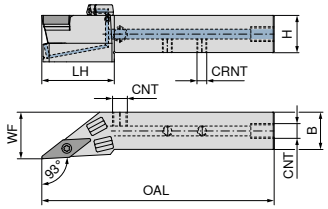
								NEW Left-hand		NEW Right-hand	
								70 663 ...		**70 663 ...**	
ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	EUR 2A/24		EUR 2A/24	
SVJC R/L 1212 F11	12	12	80	21,6	16	1,2	VC.. 1103	99,92	**01200**	99,92	**01201**
SVJC R/L 1616 H11	16	16	100	21,6	20	1,2	VC.. 1103	111,30	**01600**	111,30	**01601**
SVJC R/L 2020 K11	20	20	125	23,0	25	1,2	VC.. 1103	118,90	**02000**	118,90	**02001**
SVJC R/L 2525 M11	25	25	150	25,5	32	1,2	VC.. 1103	118,90	**02500**	118,90	**02501**
SVJC R/L 2020 K16	20	20	125	29,4	25	3,2	VC.. 1604	118,90	**12000**	118,90	**12001**
SVJC R/L 2525 M16	25	25	150	32,5	32	3,2	VC.. 1604	118,90	**12500**	118,90	**12501**
SVJC R/L 3225 P16	32	25	170	32,5	32	3,2	VC.. 1604	128,90	**13200**	128,90	**13201**

	 Key D		 Clamping screw		 Solid Carbide Seat V		 Threaded sleeve	
	80 950 ...		**70 950 ...**		**70 950 ...**		**70 950 ...**	
Spare parts for Article no.	EUR Y7		EUR 2A/28		EUR 2A/28		EUR 2A/28	
70 663 01201 / 70 663 01200	8,11	**039**	5,38	**857**				
70 663 01601 / 70 663 01600	8,11	**039**	5,38	**857**				
70 663 02001 / 70 663 02000	8,11	**039**	5,38	**857**				
70 663 02501 / 70 663 02500	8,11	**039**	5,38	**857**				
70 663 12001 / 70 663 12000	11,79	**120**	4,82	**87900**	12,97	**107**	5,98	**171**
70 663 12501 / 70 663 12500	11,79	**120**	4,82	**87900**	12,97	**107**	5,98	**171**
70 663 13201 / 70 663 13200	11,79	**120**	4,82	**87900**	12,97	**107**	5,98	**171**

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

Scope of supply:

Tool holder with blind plug and Torx key



Illustrations show right-hand versions

ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	CRNT	CNT	torque moment Nm	Insert	NEW Left-hand 70 780 ... EUR 2A/24		NEW Right-hand 70 780 ... EUR 2A/24	
SVJC R/L 1212 F11 DC	12	12	80	30	16	M6	M6	1,2	VC.. 1103	209,40	**01201**	209,40	**01200**
SVJC R/L 1616 H11 DC	16	16	100	27	20	M6	G1/8"	1,2	VC.. 1103	213,60	**01601**	213,60	**01600**
SVJC R/L 2020 K11 DC	20	20	125	39	25	M6	G1/8"	1,2	VC.. 1103	219,80	**02001**	219,80	**02000**
SVJC R/L 2525 M11 DC	25	25	150	41	32	M6	G1/8"	1,2	VC.. 1103	232,10	**02501**	232,10	**02500**
SVJC R/L 2020 K16 DC	20	20	125	39	25	M6	G1/8"	3,2	VC.. 1604	219,80	**12001**	219,80	**12000**
SVJC R/L 2525 M16 DC	25	25	150	41	32	M6	G1/8"	3,2	VC.. 1604	232,10	**12501**	232,10	**12500**
SVJC R/L 3225 P16 DC	32	25	170	41	32	G1/8"	G1/8"	3,2	VC.. 1604	238,20	**03201**	238,20	**03200**

Clamping screw

Solid Carbide Seat V

Grubscrew

Grubscrew

Threaded sleeve

Spare parts for Article no.	70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 780 01200 / 70 780 01201	5,38	**857**					3,84	**86700**		
70 780 01600 / 70 780 01601	5,38	**857**			2,19	**88000**	3,84	**86700**		
70 780 02000 / 70 780 02001	5,38	**857**			2,19	**88000**	3,84	**86700**		
70 780 02500 / 70 780 02501	5,38	**857**			2,19	**88000**	3,84	**86700**		
70 780 12000 / 70 780 12001	4,82	**87900**	12,97	**107**	2,19	**88000**	3,84	**86700**	5,98	**171**
70 780 12500 / 70 780 12501	4,82	**87900**	12,97	**107**	2,19	**88000**	3,84	**86700**	5,98	**171**
70 780 03200 / 70 780 03201	4,82	**87900**	12,97	**107**	2,19	**88000**			5,98	**171**

Sealing plugs DC

Key D

O-Ring

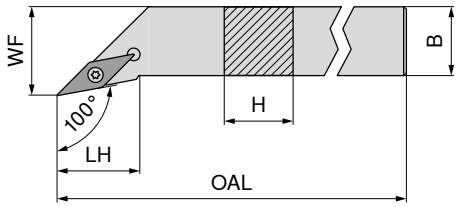
Coolant nozzle DC

Coolant screw plug

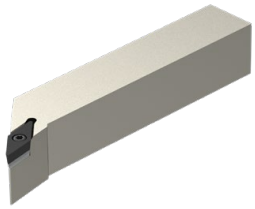
Spare parts for Article no.	70 950 ... EUR 2A/28		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 780 01200 / 70 780 01201			8,11	**039**						
70 780 01600 / 70 780 01601	1,53	**87600**	8,11	**039**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 780 02000 / 70 780 02001	1,53	**87600**	8,11	**039**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 780 02500 / 70 780 02501	1,53	**87600**	8,11	**039**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 780 12000 / 70 780 12001	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 780 12500 / 70 780 12501	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 780 03200 / 70 780 03201	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**

MaxiLock-S – SVZC 100° – 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	70 667 ... EUR 2A/24		70 667 ... EUR 2A/24	
SVZC R/L 2525 M16	25	25	150	27,3	32	3,2	VC.. 1604	118,90	**02500**	118,90	**02501**

Key D

Clamping screw

Solid Carbide Seat V

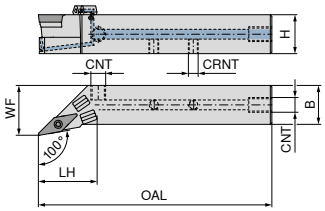
Threaded sleeve

Spare parts for Article no.		80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 667 02500 / 70 667 02501	T15 - IP	11,79	**120**	M3,5x11	4,82	**87900**	12,97	**107**	M3,5	5,98	**171**

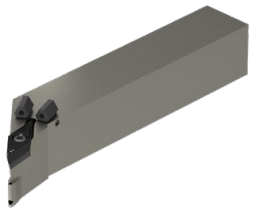
MaxiLock-S – SVZC 100° DC – Tool holder with screw clamping

Scope of supply:

Tool holder with blind plug and Torx key



Illustrations show right-hand versions



										NEW Left-hand 70 783 ... EUR 2A/24		NEW Right-hand 70 783 ... EUR 2A/24	
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	232,10	**02501**	232,10	**02500**

Clamping screw

70 950 ...

EUR 2A/28

Spare parts for Article no.		
70 783 02500 / 70 783 02501	4,82	**87900**

Solid Carbide Seat V

70 950 ...

EUR 2A/28

Spare parts for Article no.		
70 783 02500 / 70 783 02501	12,97	**107**

Grubscrew

70 950 ...

EUR 2A/28

Spare parts for Article no.		
70 783 02500 / 70 783 02501	2,19	**88000**

Grubscrew

70 950 ...

EUR 2A/28

Spare parts for Article no.		
70 783 02500 / 70 783 02501	3,84	**86700**

Threaded sleeve

70 950 ...

EUR 2A/28

Spare parts for Article no.		
70 783 02500 / 70 783 02501	5,98	**171**

Sealing plugs DC

70 950 ...

EUR 2A/28

Spare parts for Article no.		
70 783 02500 / 70 783 02501	1,53	**87600**

Key D

80 950 ...

EUR Y7

Spare parts for Article no.		
70 783 02500 / 70 783 02501	11,79	**120**

O-Ring

70 950 ...

EUR 2A/28

Spare parts for Article no.		
70 783 02500 / 70 783 02501	1,36	**88100**

Coolant nozzle DC

70 950 ...

EUR 2A/28

Spare parts for Article no.		
70 783 02500 / 70 783 02501	30,13	**87700**

Coolant screw plug

70 950 ...

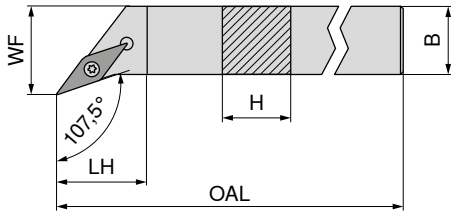
EUR 2A/28

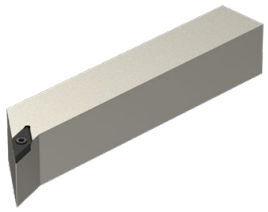
Spare parts for Article no.		
70 783 02500 / 70 783 02501	4,59	**294**

9

MaxiLock-S – SVHC 107.5° – 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 70 662 ... EUR 2A/24		NEW Right-hand 70 662 ... EUR 2A/24	
SVHC R/L 1212 F11	12	12	80	11,9	16	1,2	VC.. 1103	99,92	**01200**	99,92	**01201**
SVHC R/L 1616 H11	16	16	100	11,9	20	1,2	VC.. 1103	111,30	**01600**	111,30	**01601**
SVHC R/L 2020 K11	20	20	125	14,7	25	1,2	VC.. 1103	118,90	**02000**	118,90	**02001**
SVHC R/L 2525 M11	25	25	150	20,1	32	1,2	VC.. 1103	122,70	**02500**	122,70	**02501**
SVHC R/L 2020 K16	20	20	125	13,7	25	3,2	VC.. 1604	118,90	**12000**	118,90	**12001**
SVHC R/L 2525 M16	25	25	150	20,0	32	3,2	VC.. 1604	122,70	**12500**	122,70	**12501**
SVHC R/L 3225 P16	32	25	170	20,0	32	3,2	VC.. 1604	128,90	**13200**	128,90	**13201**
SVHC R/L 2525 M22	25	25	150	21,9	32	5	VC.. 2205	122,70	**22500**	122,70	**22501**


Key D


Clamping screw


Solid Carbide Seat V

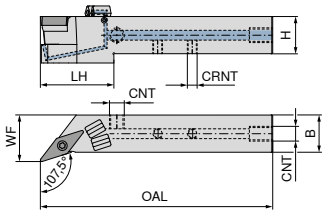

Threaded sleeve

Spare parts for Article no.	Key D 80 950 ... EUR Y7		Clamping screw 70 950 ... EUR 2A/28		Solid Carbide Seat V 70 950 ... EUR 2A/28		Threaded sleeve 70 950 ... EUR 2A/28	
70 662 01201 / 70 662 01200	8,11	**039**	5,38	**857**				
70 662 01601 / 70 662 01600	8,11	**039**	5,38	**857**				
70 662 02001 / 70 662 02000	8,11	**039**	5,38	**857**				
70 662 02501 / 70 662 02500	8,11	**039**	5,38	**857**				
70 662 12001 / 70 662 12000	11,79	**120**	4,82	**87900**	12,97	**107**	5,98	**171**
70 662 12501 / 70 662 12500	11,79	**120**	4,82	**87900**	12,97	**107**	5,98	**171**
70 662 13201 / 70 662 13200	11,79	**120**	4,82	**87900**	12,97	**107**	5,98	**171**
70 662 22501 / 70 662 22500	11,79	**120**	3,84	**820**	17,21	**109**	5,98	**170**

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 70 779 ... EUR 2A/24		NEW Right-hand 70 779 ... EUR 2A/24	
SVHC R/L 1212 F11 DC	12	12	80	28	16	M6	M6	1,2	VC.. 1103	213,60	**01201**	213,60	**01200**
SVHC R/L 1616 H11 DC	16	16	100	27	20	M6	G1/8"	1,2	VC.. 1103	219,80	**01601**	219,80	**01600**
SVHC R/L 2020 K11 DC	20	20	125	37	27	M6	G1/8"	1,2	VC.. 1103	225,90	**02001**	225,90	**02000**
SVHC R/L 2525 M11 DC	25	25	150	38	32	M6	G1/8"	1,2	VC.. 1103	232,10	**02501**	232,10	**02500**
SVHC R/L 2020 K16 DC	20	20	125	38	25	M6	G1/8"	3,2	VC.. 1604	225,90	**12001**	225,90	**12000**
SVHC R/L 2525 M16 DC	25	25	150	38	32	M6	G1/8"	3,2	VC.. 1604	232,10	**12501**	232,10	**12500**
SVHC R/L 3225 P16 DC	32	25	170	38	32	M6	G1/8"	3,2	VC.. 1604	238,20	**03201**	238,20	**03200**
SVHC R/L 2525 M22 DC	25	25	150	41	32	M6	G1/8"	5	VC.. 2205	232,10	**22501**	232,10	**22500**

Spare parts for Article no.	Clamping screw 70 950 ... EUR 2A/28		Solid Carbide Seat V 70 950 ... EUR 2A/28		Grubscrew 70 950 ... EUR 2A/28		Grubscrew 70 950 ... EUR 2A/28		Threaded sleeve 70 950 ... EUR 2A/28	
70 779 01200 / 70 779 01201	5,38	**857**					3,84	**86700**		
70 779 01600 / 70 779 01601	5,38	**857**			2,19	**88000**	3,84	**86700**		
70 779 02000 / 70 779 02001	5,38	**857**			2,19	**88000**	3,84	**86700**		
70 779 02500 / 70 779 02501	5,38	**857**			2,19	**88000**	3,84	**86700**		
70 779 12000 / 70 779 12001	4,82	**87900**	12,97	**107**	2,19	**88000**	3,84	**86700**	5,98	**171**
70 779 12500 / 70 779 12501	4,82	**87900**	12,97	**107**	2,19	**88000**	3,84	**86700**	5,98	**171**
70 779 03200 / 70 779 03201	4,82	**87900**	12,97	**107**	2,19	**88000**	3,84	**86700**	5,98	**171**
70 779 22500 / 70 779 22501	3,84	**820**	17,21	**109**	2,19	**88000**	3,84	**86700**	5,98	**170**

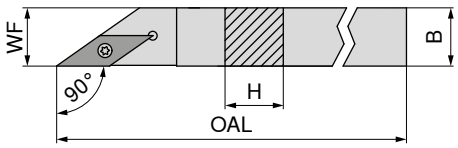
Spare parts for Article no.	Sealing plugs DC 70 950 ... EUR 2A/28		Key D 80 950 ... EUR Y7		O-Ring 70 950 ... EUR 2A/28		Coolant nozzle DC 70 950 ... EUR 2A/28		Coolant screw plug 70 950 ... EUR 2A/28	
70 779 01200 / 70 779 01201			8,11	**039**						
70 779 01600 / 70 779 01601	1,53	**87600**	8,11	**039**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 779 02000 / 70 779 02001	1,53	**87600**	8,11	**039**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 779 02500 / 70 779 02501	1,53	**87600**	8,11	**039**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 779 12000 / 70 779 12001	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 779 12500 / 70 779 12501	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 779 03200 / 70 779 03201	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 779 22500 / 70 779 22501	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**

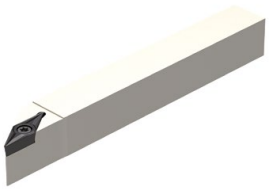
MaxiLock-S – SVAC 90° – Toolholder with screw clamping

▲ 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	Left-hand 70 695 ... EUR X0		Right-hand 70 694 ... EUR X0	
SVAC R/L 0808 H11	8	8	100	8	1,2	VC.. 1103	106,90	**008**	106,90	**008**
SVAC R/L 1010 H11	10	10	100	10	1,2	VC.. 1103	106,90	**010**	106,90	**010**
SVAC R/L 1212 H11	12	12	100	12	1,2	VC.. 1103	123,00	**012**	123,00	**012**


Key D

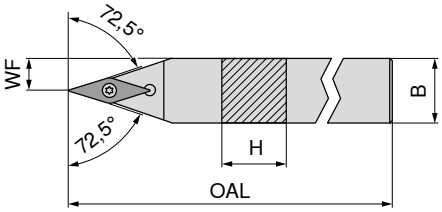

Clamping screw

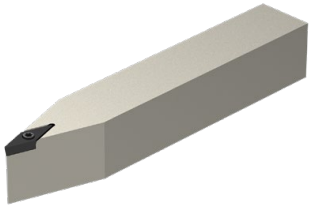
Spare parts for Article no.		80 950 ... EUR Y7			70 950 ... EUR 2A/28	
70 694 008 / 70 695 008	T08	10,05	**110**	M2,5x6 - T08	2,99	**13800**
70 694 010 / 70 695 010	T08	10,05	**110**	M2,5x6 - T08	2,99	**13800**
70 694 012 / 70 695 012	T08	10,05	**110**	M2,5x6 - T08	2,99	**13800**

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	70 666 ... EUR 2A/24	
SVVC N 1212 F11	12	12	80	6,0	1,2	VC.. 1103	99,92	**01200**
SVVC N 1616 H11	16	16	100	8,0	1,2	VC.. 1103	111,30	**01600**
SVVC N 2020 K11	20	20	125	10,0	1,2	VC.. 1103	118,90	**02000**
SVVC N 2525 M11	25	25	150	12,5	1,2	VC.. 1103	118,90	**02500**
SVVC N 2020 K16	20	20	125	10,0	3,2	VC.. 1604	118,90	**12000**
SVVC N 2525 M16	25	25	150	12,5	3,2	VC.. 1604	118,90	**12500**
SVVC N 3225 P16	32	25	170	12,5	3,2	VC.. 1604	128,90	**13200**


Key D


Clamping screw


Solid Carbide Seat V

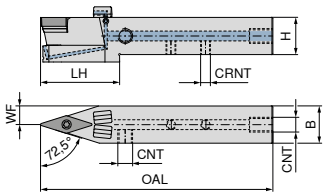

Threaded sleeve

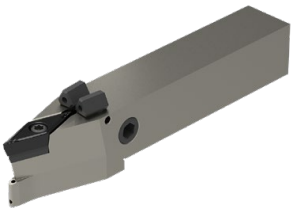
Spare parts for Article no.	80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 666 01200	8,11	**039**	5,38	**857**				
70 666 01600	8,11	**039**	5,38	**857**				
70 666 02000	8,11	**039**	5,38	**857**				
70 666 02500	8,11	**039**	5,38	**857**				
70 666 12000	11,79	**120**	4,82	**87900**	12,97	**107**	5,98	**171**
70 666 12500	11,79	**120**	4,82	**87900**	12,97	**107**	5,98	**171**
70 666 13200	11,79	**120**	4,82	**87900**	12,97	**107**	5,98	**171**

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	EUR 2A/24	
SVVC N 1212 F11 DC	12	12	80	29,0	6,0	M6	M6	1,2	VC.. 1103	209,40	**01200**
SVVC N 1616 H11 DC	16	16	100	29,5	8,0	M6	G1/8"	1,2	VC.. 1103	213,60	**01600**
SVVC N 2020 K11 DC	20	20	125	43,0	10,0	M6	G1/8"	1,2	VC.. 1103	219,80	**02000**
SVVC N 2525 M11 DC	25	25	150	43,0	12,5	M6	G1/8"	1,2	VC.. 1103	232,10	**02500**
SVVC N 2020 K16 DC	20	20	125	43,0	10,0	M6	G1/8"	3,2	VC.. 1604	219,80	**12000**
SVVC N 2525 M16 DC	25	25	150	43,0	12,5	M6	G1/8"	3,2	VC.. 1604	232,10	**12500**
SVVC N 3225 P16 DC	32	25	170	44,0	12,5	G1/8"	G1/8"	3,2	VC.. 1604	238,20	**03200**

Clamping screw

70 950 ...

Solid Carbide Seat V

70 950 ...

Grubscrew

70 950 ...

Grubscrew

70 950 ...

Threaded sleeve

70 950 ...

Spare parts for Article no.	EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28		EUR 2A/28	
70 781 01200	5,38	**857**					3,84	**86700**		
70 781 01600	5,38	**857**			2,19	**88000**	3,84	**86700**		
70 781 02000	5,38	**857**			2,19	**88000**	3,84	**86700**		
70 781 02500	5,38	**857**			2,19	**88000**	3,84	**86700**		
70 781 12000	4,82	**87900**	12,97	**107**	2,19	**88000**	3,84	**86700**	5,98	**171**
70 781 12500	4,82	**87900**	12,97	**107**	2,19	**88000**	3,84	**86700**	5,98	**171**
70 781 03200	4,82	**87900**	12,97	**107**	2,19	**88000**			5,98	**171**

Sealing plugs DC

70 950 ...

Key D

80 950 ...

O-Ring

70 950 ...

Coolant nozzle DC

70 950 ...

Coolant screw plug

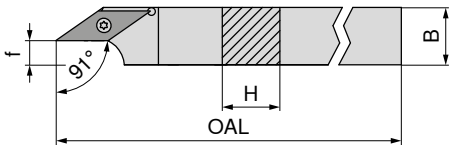
70 950 ...

Spare parts for Article no.	EUR 2A/28		EUR Y7		EUR 2A/28		EUR 2A/28		EUR 2A/28	
70 781 01200			8,11	**039**						
70 781 01600	1,53	**87600**	8,11	**039**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 781 02000	1,53	**87600**	8,11	**039**	1,36	**88100**	30,13	**87800**	4,59	**294**
70 781 02500	1,53	**87600**	8,11	**039**	1,36	**88100**	30,13	**87700**	4,59	**294**
70 781 12000	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87800**	4,59	**294**
70 781 12500	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87800**	4,59	**294**
70 781 03200	1,53	**87600**	11,79	**120**	1,36	**88100**	30,13	**87700**	4,59	**294**

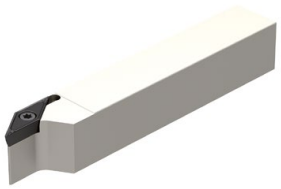
MaxiLock-S – SVXC 91° – Toolholder with screw clamping

▲ for sliding head lathes

Scope of supply:
Tool holder with Torx key



Illustrations show right-hand versions



ISO designation	H mm	B mm	OAL mm	f mm	torque moment Nm	Insert	Left-hand 70 691 ... EUR X0		Right-hand 70 690 ... EUR X0	
SVXC R/L 1010 H11	10	10	100	2,5	1,2	VC.. 1103	106,90	**010**	106,90	**010**
SVXC R/L 1212 H11	12	12	100	4,5	1,2	VC.. 1103	123,00	**012**	123,00	**012**
SVXC R/L 1616 K11	16	16	125	8,5	1,2	VC.. 1103	134,00	**016**	134,00	**016**
SVXC R/L 2020 K16	20	20	125	8,5	3,2	VC.. 1604	153,90	**020**	153,90	**020**

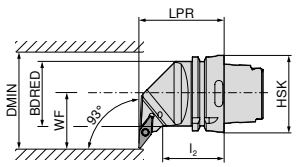
Key D

Clamping screw

Spare parts for Article no.		Key D 80 950 ... EUR Y7		Clamping screw 70 950 ... EUR 2A/28	
70 690 010 / 70 691 010	T08	10,05	**110**	M2,5x6 - T08	2,99 **13800**
70 690 012 / 70 691 012	T08	10,05	**110**	M2,5x6 - T08	2,99 **13800**
70 690 016 / 70 691 016	T08	10,05	**110**	M2,5x6 - T08	2,99 **13800**
70 690 020 / 70 691 020	T15	11,96	**113**	M3,5x11	4,14 **113**

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

Scope of supply:
Tool holder with Torx key



Illustrations show right-hand versions

ISO designation	Adapter	LPR mm	l_2 mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 74 557 ... EUR 2D/80		Right-hand 74 558 ... EUR 2D/80	
HSK T63 SVUC R/L 16	HSK-T 63	70	42	53	45	100	3.2	VC.. 1604	344,20	**516**	344,20	**516**

Combination Key

Clamping screw

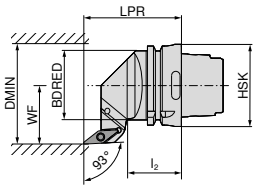
Solid Carbide Seat V

Threaded sleeve

Spare parts for Article no.		Combination Key 70 950 ... EUR 2A/28		Clamping screw 70 950 ... EUR 2A/28		Solid Carbide Seat V 70 950 ... EUR 2A/28		Threaded sleeve 70 950 ... EUR 2A/28	
74 558 516 / 74 557 516	T15/SW	10,66	**398**	M3,5x11	4,14 **113**		12,97 **107**	M3,5	5,98 **171**

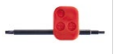
MaxiLock-S – SVJC 93° – Toolholder with screw clamping

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 74 556 ... EUR 2D/80		Right-hand 74 555 ... EUR 2D/80	
HSK T63 SVJC R/L 16	HSK-T 63	75	42	53	45	100	3.2	VC.. 1604	344,20	**516**	344,20	**516**


Combination Key


Clamping screw

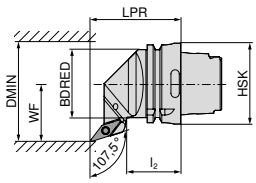

Solid Carbide Seat V


Threaded sleeve

Spare parts for Article no.		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
74 555 516 / 74 556 516	T15/SW	10,66	**398**	M3,5x11	4,14	**113**	12,97	**107**	M3,5	5,98	**171**

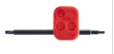
MaxiLock-S – SVHC 107.5° – Toolholder with screw clamping

Scope of supply:
Tool holder with Torx key

Illustrations show right-hand versions

ISO designation	Adapter	LPR mm	l_2 mm	BDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 74 554 ... EUR 2D/80		Right-hand 74 553 ... EUR 2D/80	
HSK T63 SVHC R/L 16	HSK-T 63	70	42	53	45	100	3.2	VC.. 1604	344,20	**516**	344,20	**516**


Combination Key


Clamping screw

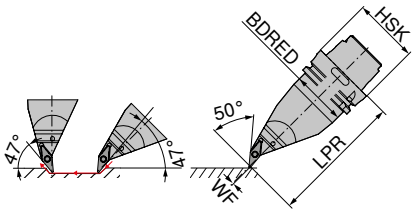

Solid Carbide Seat V


Threaded sleeve

Spare parts for Article no.		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
74 553 516 / 74 554 516	T15/SW	10,66	**398**	M3,5x11	4,14	**113**	12,97	**107**	M3,5	5,98	**171**

MaxiLock-S – SVMC 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	Left-hand 74 560 ... EUR 2D/80	
HSK T63 SVMC L 16	HSK-T 63	130	53	0	3.2	VC.. 1604	461,80	**516**


Combination Key


Clamping screw

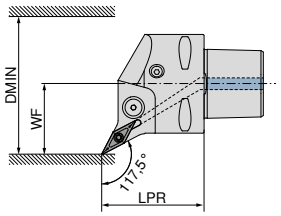

Solid Carbide Seat V


Threaded sleeve

Spare parts for Article no.		70 950 ... EUR 2A/28			70 950 ... EUR 2A/28		70 950 ... EUR 2A/28			70 950 ... EUR 2A/28	
74 560 516	T15/SW	10,66	**398**	M3,5x11	4,14	**113**	12,97	**107**	M3,5	5,98	**171**

MaxiLock-S – SVPC 117,5° – 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 84 671 ... EUR Y8		Right-hand 84 670 ... EUR Y8	
PSC40 SVPC R/L 50050-16	PSC 40	50	27	50	3	VC.. 1604	DC	252,20	**01695**	252,20	**01695**
PSC50 SVPC R/L 65060-16	PSC 50	60	35	65	3	VC.. 1604	DC	289,10	**01694**	289,10	**01694**
PSC63 SVPC R/L 80065-16	PSC 63	65	45	80	3	VC.. 1604	DC	321,60	**01693**	321,60	**01693**

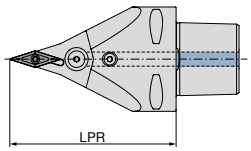
The high-performance coolant set with article number **84 950 27400** can be ordered as an optional extra → **Page 40.**


Clamping screw

Spare parts for Article no.	84 950 ... EUR Y8	
84 670 01695 / 84 671 01695	3,92	**27600**
84 670 01694 / 84 671 01694	3,92	**27600**
84 670 01693 / 84 671 01693	3,92	**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	EUR Y8	
PSC63 SVVC N 0100-16	PSC 63	100	3	VC.. 1604	DC	321,60	**01693**
PSC63 SVVC N 0130-16	PSC 63	130	3	VC.. 1604	DC	321,60	**11693**

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

Clamping screw

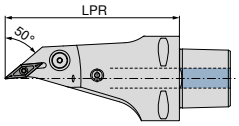
84 950 ...

Spare parts for Article no.	EUR Y8	
84 678 01693	3,92	**27600**
84 678 11693	3,92	**27600**

9

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	EUR Y8	
PSC63 SVMC L 0130-16	PSC 63	130	3	VC.. 1604	DC	433,70	**11693**

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

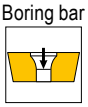
Clamping screw

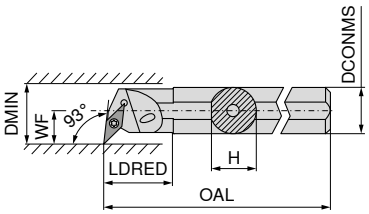
84 950 ...

Spare parts for Article no.	EUR Y8	
84 681 11693	3,92	**27600**

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

Scope of supply:
Boring bar with Torx key





Illustrations show right-hand versions

ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 745 ... EUR 2A/24		Right-hand 70 744 ... EUR 2A/24	
A16M SVUC R/L 11	16	15	150	29	11	20	1,2	VC.. 1103	162,30	**216**	162,30	**216**
A20Q SVUC R/L 11	20	19	180	43	13	25	1,2	VC.. 1103	187,10	**220**	187,10	**220**
A25R SVUC R/L 11	25	24	200	38	17	32	1,2	VC.. 1103	229,20	**225**	229,20	**225**
A32S SVUC R/L 16	32	31	250	50	22	40	3,2	VC.. 1604	275,00	**232**	275,00	**232**
A40T SVUC R/L 16	40	39	300	60	27	50	3,2	VC.. 1604	319,10	**240**	319,10	**240**


Key D


Combination Key


Clamping screw

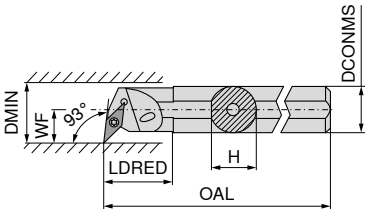

Solid Carbide Seat V


Threaded sleeve

Spare parts for Article no.	80 950 ... EUR Y7		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
70 744 216 / 70 745 216	10,05	**110**			2,99	**13800**				
70 744 220 / 70 745 220	10,05	**110**			2,99	**13800**				
70 744 225 / 70 745 225	10,05	**110**			2,99	**13800**				
70 744 232 / 70 745 232			10,66	**398**	4,14	**113**	12,97	**107**	5,98	**171**
70 744 240 / 70 745 240			10,66	**398**	4,14	**113**	12,97	**107**	5,98	**171**

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

▲ with carbide core



Illustrations show right-hand versions

ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Right-hand 70 746 ... EUR 2A	
E-A16M SVUC R 11	16	15	150	16,5	11	21	1,2	VC.. 1103	420,40	**216**
E-A20Q SVUC R 11	20	18	180	20,5	13	25	1,2	VC.. 1103	598,80	**220**
E-A25R SVUC R 11	25	23	200	25,5	17	31	1,2	VC.. 1103	1.017,00	**225**
E-A25R SVUC R 16	25	23	200	25,5	17	31	3,2	VC.. 1604	1.017,00	**325**
E-A32S SVUC R 16	32	30	250	32,5	22	39	3,2	VC.. 1604	1.096,00	**232**


Key D


Clamping screw

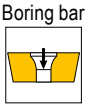
Spare parts for Article no.	80 950 ... EUR Y7		70 950 ... EUR 2A/28	
70 746 216	10,05	**110**	2,99	**13800**
70 746 220	10,05	**110**	2,99	**13800**
70 746 225	10,05	**110**	2,99	**13800**
70 746 325	11,96	**113**	4,06	**449**
70 746 232	11,96	**113**	4,06	**449**

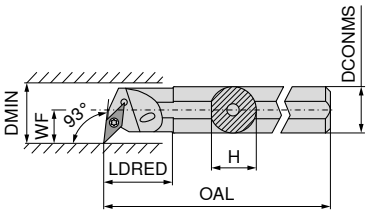
MaxiLock-S – SVUC 93° – Boring bar with screw clamping

▲ 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 70 747 ... EUR 2A/24		Right-hand 70 746 ... EUR 2A/24	
E16R SVUC L 11	16	15,0	200	34	11	20	1,2	VC.. 1103	621,60	**016**		
E16R SVUC R 11	16	15,5	200	34	11	20	1,2	VC.. 1103			621,60	**016**
E20S SVUC L 11	20	18,5	250	38	13	25	1,2	VC.. 1103	737,20	**020**		
E20S SVUC R 11	20	19,0	250	38	13	25	1,2	VC.. 1103			737,20	**020**

Key D

Clamping screw

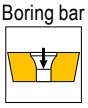
Spare parts for Article no.		Key D 80 950 ... EUR Y7		Clamping screw 70 950 ... EUR 2A/28	
70 747 016	T08	10,05	**110**	M2,5x6 - T08	2,99 **13800**
70 746 016	T08	10,05	**110**	M2,5x6 - T08	2,99 **13800**
70 747 020	T08	10,05	**110**	M2,5x6 - T08	2,99 **13800**
70 746 020	T08	10,05	**110**	M2,5x6 - T08	2,99 **13800**

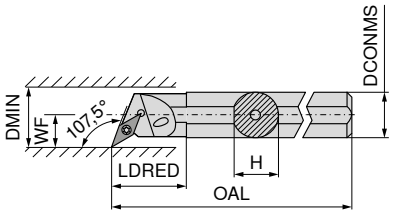
9

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 70 749 ... EUR 2A/24		Right-hand 70 748 ... EUR 2A/24	
A16M SVQC R/L 11	16	15,0	150	29	11	20	1,2	VC.. 1103	162,30	**216**	162,30	**216**
A20Q SVQC R/L 11	20	18,5	180	32	13	25	1,2	VC.. 1103	187,10	**220**	187,10	**220**
A25R SVQC R/L 11	25	23,0	200	36	17	32	1,2	VC.. 1103	229,20	**225**	229,20	**225**
A32S SVQC R/L 16	32	30,0	250	50	22	40	3,2	VC.. 1604	275,00	**232**	275,00	**232**
A40T SVQC R/L 16	40	38,0	300	60	27	50	3,2	VC.. 1604	319,10	**240**	319,10	**240**

Key D

Combination Key

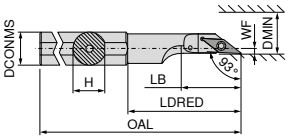
Clamping screw

Solid Carbide Seat V

Threaded sleeve

Spare parts for Article no.		Key D 80 950 ... EUR Y7		Combination Key 70 950 ... EUR 2A/28		Clamping screw 70 950 ... EUR 2A/28		Solid Carbide Seat V 70 950 ... EUR 2A/28		Threaded sleeve 70 950 ... EUR 2A/28	
70 748 216 / 70 749 216		10,05	**110**			2,99	**13800**				
70 748 220 / 70 749 220		10,05	**110**			2,99	**13800**				
70 748 225 / 70 749 225		10,05	**110**			2,99	**13800**				
70 748 232 / 70 749 232				10,66	**398**	4,14	**113**	12,97	**107**	5,98	**171**
70 748 240 / 70 749 240				10,66	**398**	4,14	**113**	12,97	**107**	5,98	**171**

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



ISO designation	DCONMS mm	H mm	OAL mm	LDRED mm	WF mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 727 ... EUR 2A	
A16M SVJC L 11	16	15	150	50,0	2	22	1,2	VC.. 1103	144,50	**216**
A20M SVJC L 11	20	19	150	55,5	2	25	1,2	VC.. 1103	144,50	**220**
A25M SVJC L 16	25	24	150	58,0	5	28	3,2	VC.. 1604	144,50	**225**

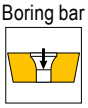

Key D

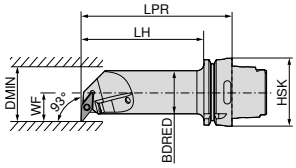

Clamping screw

Spare parts for Article no.	80 950 ... EUR Y7		70 950 ... EUR 2A/28	
70 727 216 / 70 726 216	10,05	**110**	2,99	**13800**
70 727 220 / 70 726 220	10,05	**110**	2,99	**13800**
70 727 225 / 70 726 225	11,96	**113**	4,46	**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	Left-hand 74 568 ... EUR 2D/80		Right-hand 74 567 ... EUR 2D/80	
HSK T63 40L SVUC R/L 16	HSK-T 63	140	114	40	27	50	3.2	VC.. 1604	458,90	**516**	458,90	**516**


Combination Key


Clamping screw

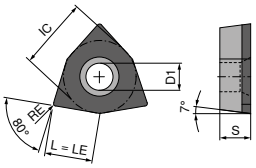

Solid Carbide Seat V


Threaded sleeve

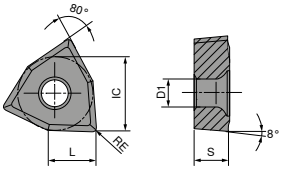
Spare parts for Article no.		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28		70 950 ... EUR 2A/28	
74 567 516 / 74 568 516	T15/SW	10,66	**398**	M3,5x11	4,14	**113**	12,97	**107**	M3,5	5,98	**171**

WCGT / WCGW

Designation	L	S	D1	IC
	mm	mm	mm	mm
WCGW 0201..	2,70	1,58	2,3	3,97
WCGT 0201..	2,71	1,59	2,1	3,97



CBN/PKD WCGW F



WCGT

WCGT

	-SF TCM10	-SF CTPP430	-SF H216T
		DRAGONSKIN	
			
	F	**F**	**F**
	CERMET		
	WCGT	WCGT	WCGT
	70 287 ...	**70 287 ...**	**70 287 ...**
ISO RE mm	EUR 1A/78	EUR 1A/08	EUR 1A/08
020102EN 0,2	21,33 **900**	22,95 **450**	17,54 **600**
020104EN 0,4	21,33 **902**	22,95 **452**	17,54 **602**
P	●	●	
M	○	●	
K	○	○	○
N		○	●
S		○	
H			
O			○

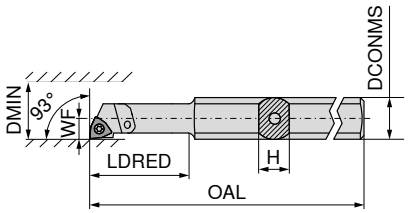
WCGW

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

	CTDPD20
	
	F
	DIAMOND
	WCGW
	71 154 ...
ISO RE mm / TCE (NOI) / LE mm	EUR Y0
020102FN 0,2 **F** 2,7	161,80 **100**
020104FN 0,4 **F** 2,7	161,80 **102**
P	
M	
K	
N	●
S	
H	
O	●

9

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



Illustrations show right-hand versions

ISO designation	H mm	OAL mm	LDRED mm	WF mm	DCONMS mm	DMIN mm	torque moment Nm	Insert	Left-hand 70 731 ... EUR 2A		Right-hand 70 730 ... EUR 2A	
A0508H SWUC R/L 02	7	100	24	2,9	8	5,8	0,4	WC.. 0201..	178,40	**005**	178,40	**005**
A0608H SWUC R/L 02	7	100	24	3,9	8	7,8	0,4	WC.. 0201..	178,40	**006**	178,40	**006**

Key D

80 950 ...

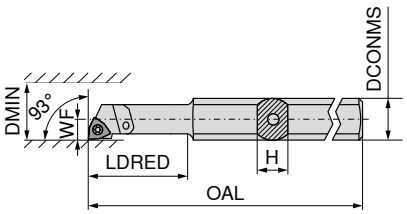
Clamping screw

70 950 ...

Spare parts for Article no.		EUR Y7			EUR 2A/28	
70 731 005 / 70 730 005	T06	10,87	**108**	M1,8x3,4	4,75	**334**
70 731 006 / 70 730 006	T06	10,87	**108**	M1,8x3,4	4,75	**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 70 743 ... EUR 2A		Right-hand 70 742 ... EUR 2A	
E-A0508H SWUC R/L 02	7	100	24	2,9	8	5,8	0,4	WC.. 0201..	198,70	**005**	198,70	**005**
E-A0608H SWUC R/L 02	7	100	24	3,9	8	7,8	0,4	WC.. 0201..	198,70	**006**	198,70	**006**
SET							0,4	WC.. 0201..	394,80	**999**	394,80	**999**

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

Key D

80 950 ...

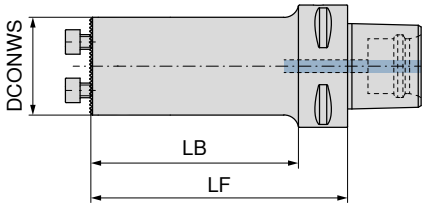
Clamping screw

70 950 ...

Spare parts for Article no.		EUR Y7			EUR 2A/28	
70 743 005 / 70 742 005	T06	10,87	**108**	M1,8x3,4	4,75	**334**
70 743 006 / 70 742 006	T06	10,87	**108**	M1,8x3,4	4,75	**334**

MaxiChange – Base holders for the exchangeable head system

Scope of supply:
Includes clamping screws



NEW

Adapter	LF mm	LB mm	DCONWS mm		EUR Y8	84 192 ...
PSC 40	40	20	16		321,30	**01695**
PSC 40	50	30	20		331,80	**02095**
PSC 40	55	35	25		323,50	**02595**
PSC 40	75	55	32		323,50	**03295**
PSC 40	80		40		323,50	**04095**
PSC 50	40	20	16		361,80	**01694**
PSC 50	50	30	20		361,80	**02094**
PSC 50	55	35	25		363,90	**02594**
PSC 50	75	55	32		363,90	**03294**
PSC 50	100	80	40		363,90	**04094**
PSC 63	40	18	16		394,20	**01693**
PSC 63	50	28	20		394,20	**02093**
PSC 63	65	43	25		397,00	**02593**
PSC 63	90	68	32		397,00	**03293**
PSC 63	125	103	32		397,00	**13293**
PSC 63	100	78	40		397,00	**04093**
PSC 63	140	118	40		397,00	**14093**

Clamping Screw

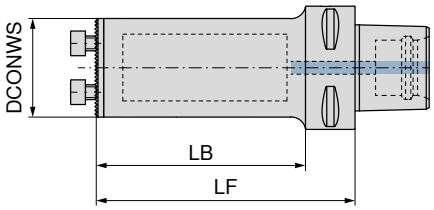
Spare parts for Article no.		EUR Y8	84 950 ...
84 192 02595	M4X12 (SW3)	2,14	**30000**
84 192 03295	M5X14 (SW4)	2,14	**29900**
84 192 04095	M6X16 (SW5)	2,14	**29800**
84 192 02594	M4X12 (SW3)	2,14	**30000**
84 192 03294	M5X14 (SW4)	2,14	**29900**
84 192 04094	M6X16 (SW5)	2,14	**29800**
84 192 02593	M4X12 (SW3)	2,14	**30000**
84 192 03293	M5X14 (SW4)	2,14	**29900**
84 192 04093	M6X16 (SW5)	2,14	**29800**
84 192 13293	M5X14 (SW4)	2,14	**29900**
84 192 14093	M6X16 (SW5)	2,14	**29800**

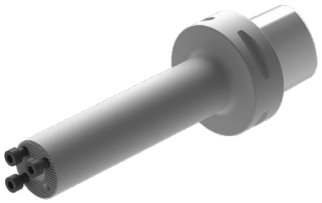
MaxiChange – Base holders for the exchangeable head system – vibration-damped

▲ Heavy metal core reduces vibrations

Scope of supply:

Includes clamping screws





Adapter	LF mm	LB mm	DCONWS mm	84 195 ... EUR Y8	
PSC 63	115	93	25	1.117,00	**02593**
PSC 63	150	128	32	1.235,00	**03293**
PSC 63	185	163	40	1.353,00	**04093**

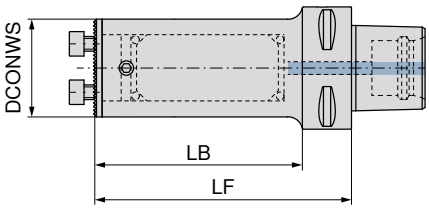
Clamping Screw

Spare parts for Article no.	84 950 ... EUR Y8	
84 195 02593	2,14	**30000**
84 195 03293	2,14	**29900**
84 195 04093	2,14	**29800**

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

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

Scope of supply:
Includes clamping screws



NEW

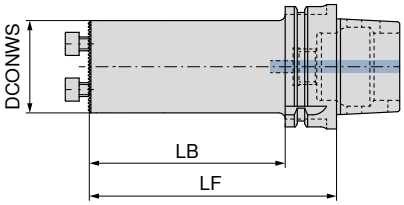
Adapter	LF mm	LB mm	DCONWS mm	84 198 ... EUR Y8	
PSC 40	88	68	16	1.532,00	**31695**
PSC 40	107	87	20	1.121,00	**32095**
PSC 40	132	112	25	1.093,00	**42595**
PSC 40	154	134	32	1.301,00	**43295**
PSC 40	173		40	1.395,00	**44095**
PSC 50	85	65	16	1.228,00	**31694**
PSC 50	109	89	20	1.205,00	**32094**
PSC 50	133	113	25	1.215,00	**32594**
PSC 50	180	160	25	1.821,00	**42594**
PSC 50	154	134	32	1.314,00	**33294**
PSC 50	224	204	32	1.380,00	**43294**
PSC 50	194	174	40	1.580,00	**34094**
PSC 50	288	268	40	2.631,00	**44094**
PSC 63	90	68	16	1.571,00	**31693**
PSC 63	110	88	20	1.547,00	**32093**
PSC 63	132	110	25	1.442,00	**32593**
PSC 63	180	158	25	2.022,00	**42593**
PSC 63	230	208	25	2.865,00	**52593**
PSC 63	159	137	32	1.636,00	**33293**
PSC 63	224	202	32	2.291,00	**43293**
PSC 63	288	266	32	3.250,00	**53293**
PSC 63	198	176	40	1.790,00	**34093**
PSC 63	288	266	40	2.631,00	**44093**
PSC 63	368	346	40	3.440,00	**54093**


Clamping Screw

Spare parts for Article no.	84 950 ... EUR Y8	
84 198 42595	2,14	**30000**
84 198 43295	2,14	**29900**
84 198 44095	2,14	**29800**
84 198 32594	2,14	**30000**
84 198 33294	2,14	**29900**
84 198 42594	2,14	**30000**
84 198 34094	2,14	**29800**
84 198 43294	2,14	**29900**
84 198 44094	2,14	**29800**
84 198 32593	2,14	**30000**
84 198 33293	2,14	**29900**
84 198 42593	2,14	**30000**
84 198 34093	2,14	**29800**
84 198 43293	2,14	**29900**
84 198 52593	2,14	**30000**
84 198 53293	2,14	**29900**
84 198 44093	2,14	**29800**
84 198 54093	2,14	**29800**

MaxiChange – Base holders for the exchangeable head system

Scope of supply:
Includes clamping screws



NEW

Adapter	LF mm	LB mm	DCONWS mm		84 193 ... EUR Y8	
HSK-T 40	55	35	25		323,50	**02539**
HSK-T 40	75	55	25		323,50	**12539**
HSK-T 40	80	60	32		323,50	**03239**
HSK-T 40	80		40		323,50	**04039**
HSK-T 63	56	30	16		474,50	**01637**
HSK-T 63	80	54	20		533,90	**02037**
HSK-T 63	80	44	25		397,00	**02537**
HSK-T 63	90	64	32		397,00	**03237**
HSK-T 63	100	74	40		397,00	**04037**
HSK-T 63	125	99	32		397,00	**13237**
HSK-T 63	140	114	40		397,00	**14037**
HSK-T 100	140	111	40		523,90	**04035**

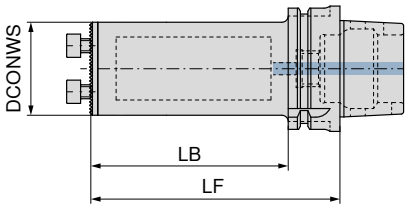
Clamping Screw

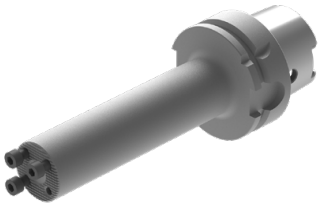
Spare parts for Article no.		84 950 ... EUR Y8	
84 193 02539	M4X12 (SW3)	2,14	**30000**
84 193 12539	M4X12 (SW3)	2,14	**30000**
84 193 03239	M5X14 (SW4)	2,14	**29900**
84 193 04039	M6X16 (SW5)	2,14	**29800**
84 193 02537	M4X12 (SW3)	2,14	**30000**
84 193 03237	M5X14 (SW4)	2,14	**29900**
84 193 04037	M6X16 (SW5)	2,14	**29800**
84 193 13237	M5X14 (SW4)	2,14	**29900**
84 193 14037	M6X16 (SW5)	2,14	**29800**
84 193 04035	M6X16 (SW5)	2,14	**29800**

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

▲ Heavy metal core reduces vibrations

Scope of supply:
Includes clamping screws





NEW

Adapter	LF mm	LB mm	DCONWS mm	84 195 ... EUR Y8	
HSK-T 63	115	89	25	1.117,00	**02537**
HSK-T 63	150	124	32	1.235,00	**03237**
HSK-T 63	185	159	40	1.353,00	**04037**

Clamping Screw

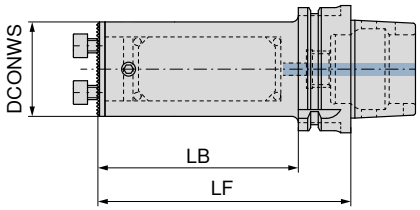
Spare parts for Article no.	84 950 ... EUR Y8	
84 195 02537	2,14	**30000**
84 195 03237	2,14	**30000**
84 195 04037	2,14	**30000**

9

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

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

Scope of supply:
Includes clamping screws



NEW

Adapter	LF mm	LB mm	DCONWS mm	EUR Y8	84 198 ...
HSK-T 63	90	64	16	1.571,00	**31637**
HSK-T 63	106	80	20	1.547,00	**32037**
HSK-T 63	126	100	25	1.442,00	**32537**
HSK-T 63	151	125	25	2.020,00	**42537**
HSK-T 63	154	128	32	1.634,00	**33237**
HSK-T 63	186	160	32	2.289,00	**43237**
HSK-T 63	186	160	40	1.788,00	**34037**
HSK-T 63	226	200	40	2.631,00	**44037**

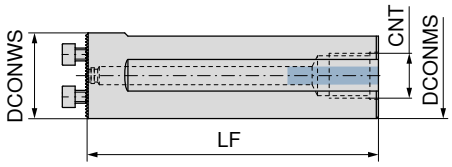
Clamping Screw

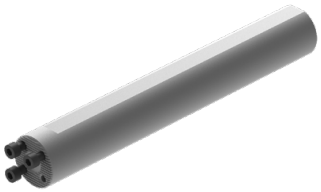
Spare parts for Article no.	EUR Y8	84 950 ...
84 198 42537	2,14	**30000**
84 198 32537	2,14	**30000**
84 198 43237	2,14	**29900**
84 198 33237	2,14	**29900**
84 198 44037	2,14	**29800**
84 198 34037	2,14	**29800**

MaxiChange – Base holders for the exchangeable head system – cylindrical

▲ Connection thread for thro' coolant
▲ 3 clamping flats

Scope of supply:
Includes clamping screws





NEW

DCONWS mm	LF mm	DCONMS mm	CNT	84 194 ... EUR Y8	
25	100	25	M8 x 1	224,90	**12599**
32	120	32	M8 x 1	224,90	**13299**
40	120	40	M8 x 1	224,90	**14099**
25	200	25	1/4	313,60	**02599**
32	218	32	3/8	333,70	**03299**
40	283	40	1/2	407,40	**04099**

Clamping Screw

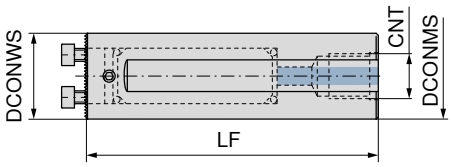
Spare parts for Article no.		84 950 ... EUR Y8	
84 194 02599	M4X12 (SW3)	2,14	**30000**
84 194 03299	M5X14 (SW4)	2,14	**29900**
84 194 04099	M6X16 (SW5)	2,14	**29800**

9

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

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

Scope of supply:
Includes clamping screws



NEW

DCONWS mm	LF mm	DCONMS mm	CNT	84 198 ... EUR Y8	
16	170	16	1/4	1.017,00	**31699**
20	200	20	1/4	1.190,00	**32099**
25	255	25	1/4	1.245,00	**32599**
32	320	32	1/2	1.272,00	**33299**
40	408	40	1/2	1.797,00	**34099**

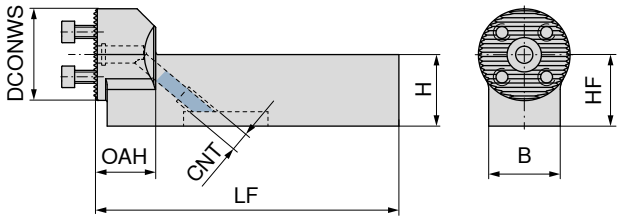

Clamping Screw

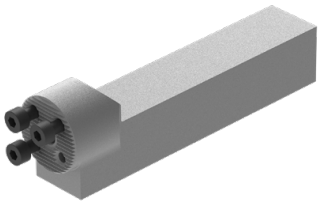
Spare parts for Article no.	84 950 ... EUR Y8	
84 198 31699	4,35	**44800**
84 198 32099	9,26	**44900**
84 198 32599	2,14	**30000**
84 198 33299	2,14	**29900**
84 198 34099	2,14	**29800**

MaxiChange – 0° base holders for the exchangeable head system

Scope of supply:
Includes clamping screws

Direct Cooling





NEW

DCONWS mm	H mm	B mm	HF mm	OAH mm	LF mm	CNT	84 185 ... EUR Y8	
25	20	20	20	21	106	M8x1	224,90	**02500**
32	20	20	20	21	106	M8x1	224,90	**03200**
32	25	25	25	21	106	M8x1	224,90	**13200**
40	25	25	25	21	106	M8x1	224,90	**14000**

Clamping Screw

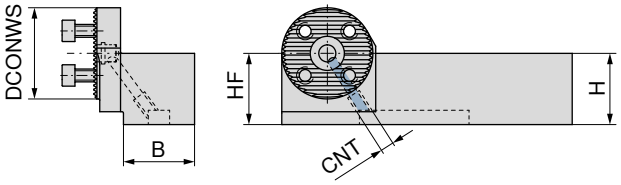
Spare parts for Article no.	84 950 ... EUR Y8	
84 185 02500	2,14	**30000**
84 185 03200	2,14	**29900**
84 185 13200	2,14	**29900**
84 185 14000	2,14	**29800**

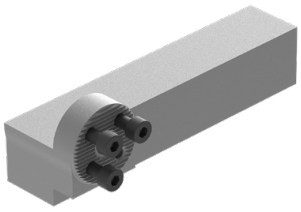
→ **Chapter 16 Adapters and accessories**
Here you will find the suitable base adaptors.

MaxiChange – 90° base holders for the exchangeable head system

Scope of supply:
Includes clamping screws

Direct Cooling





NEW

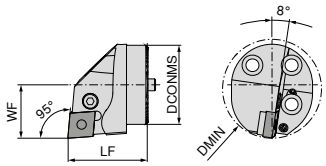
DCONWS mm	H mm	B mm	HF mm	CNT	84 184 ... EUR Y8	
25	20	20	20	M8x1	224,90	**02500**
32	20	20	20	M8x1	224,90	**03200**
32	25	25	25	M8x1	224,90	**13200**
40	25	25	25	M8x1	224,90	**14000**


Clamping Screw

Spare parts for Article no.	84 950 ... EUR Y8	
84 184 02500	2,14	**30000**
84 184 03200	2,14	**30000**
84 184 13200	2,14	**30000**
84 184 14000	2,14	**29800**

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

MaxiChange-N – Exchangeable cutting head PCLN 95°

Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert	Left-hand 84 159 ... EUR Y8		Right-hand 84 160 ... EUR Y8	
25	35	32	17	5	CN.. 1204	245,90	**02500**	245,90	**02500**
32	35	40	22	5	CN.. 1204	253,00	**03200**	253,00	**03200**
40	40	50	27	5	CN.. 1204	256,50	**04000**	256,50	**04000**


Shim

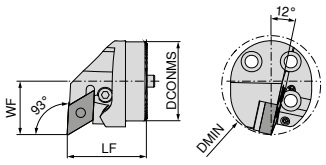

Elbow lever screw

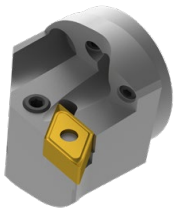

Lever


Carbide type C

Spare parts for Article no.	Shim 84 950 ... EUR Y8		Elbow lever screw 84 950 ... EUR Y8		Lever 84 950 ... EUR Y8		Carbide type C 84 950 ... EUR Y8	
84 160 02500 / 84 159 02500	1,42	**29200**	M8X1/L17 SW3	5,58 **28700**	16,53	**29000**	16,43	**27800**
84 160 03200 / 84 159 03200	1,42	**29200**	M8X1/L17 SW3	5,58 **28700**	16,53	**29000**	16,43	**27800**
84 160 04000 / 84 159 04000	1,42	**29200**	M8X1/L17 SW3	5,58 **28700**	16,53	**29000**	16,43	**27800**

MaxiChange-N – Exchangeable cutting head PDUN 93°



Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert	Left-hand 84 161 ... EUR Y8		Right-hand 84 162 ... EUR Y8	
25	35	32	17	5	DN.. 1104	245,90	**02500**	245,90	**02500**
32	35	40	22	5	DN.. 1104	253,00	**03200**	253,00	**03200**
32	35	40	22	5	DN.. 1504 / 1506	253,00	**13200**	253,00	**13200**
40	40	50	27	5	DN.. 1104	256,50	**04000**	256,50	**04000**
40	40	50	27	5	DN.. 1504 / 1506	256,50	**14000**	256,50	**14000**

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


Shim

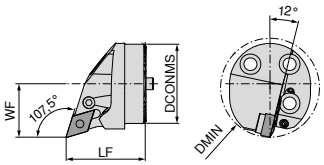

Elbow lever screw


Lever


Solid Carbide Seat D

Spare parts for Article no.	Shim 84 950 ... EUR Y8		Elbow lever screw 84 950 ... EUR Y8		Lever 84 950 ... EUR Y8		Solid Carbide Seat D 84 950 ... EUR Y8	
84 162 02500 / 84 161 02500	1,42	**29300**	M6/ L14 SW2,5	5,58 **28800**	18,89	**29100**	30,22	**28100**
84 162 03200 / 84 161 03200	1,42	**29300**	M6/ L14 SW2,5	5,58 **28800**	18,89	**29100**	30,22	**28100**
84 162 13200 / 84 161 13200	1,42	**29200**	M8X1/L17 SW3	5,58 **28700**	19,24	**28900**	30,22	**27900**
84 162 04000 / 84 161 04000	1,42	**29300**	M6/ L14 SW2,5	5,58 **28800**	18,89	**29100**	30,22	**28100**
84 162 14000 / 84 161 14000	1,42	**29200**	M8X1/L17 SW3	5,58 **28700**	19,24	**28900**	30,22	**27900**

MaxiChange-N – Exchangeable cutting head PDQN 107.5°



Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert	Left-hand 84 163 ... EUR Y8		Right-hand 84 164 ... EUR Y8	
25	35	32	17	5	DN.. 1104	245,90	**02500**	245,90	**02500**
32	35	40	22	5	DN.. 1104	253,00	**03200**	253,00	**03200**
40	40	50	27	5	DN.. 1104	256,50	**04000**	256,50	**04000**

Shim

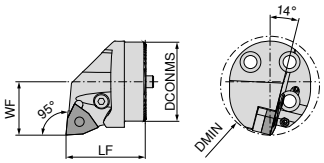
Elbow lever screw

Lever

Solid Carbide Seat D

Spare parts for Article no.	Shim 84 950 ... EUR Y8			Elbow lever screw 84 950 ... EUR Y8		Lever 84 950 ... EUR Y8		Solid Carbide Seat D 84 950 ... EUR Y8	
84 163 02500 / 84 164 02500	1,42	**29300**	M6/ L14 SW2,5	5,58	**28800**	18,89	**29100**	30,22	**28100**
84 163 03200 / 84 164 03200	1,42	**29300**	M6/ L14 SW2,5	5,58	**28800**	18,89	**29100**	30,22	**28100**
84 163 04000 / 84 164 04000	1,42	**29300**	M6/ L14 SW2,5	5,58	**28800**	18,89	**29100**	30,22	**28100**

MaxiChange-N – Exchangeable cutting head PWLN 95°



Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert	Left-hand 84 165 ... EUR Y8		Right-hand 84 166 ... EUR Y8	
32	35	40	22	5	WN.. 0804	253,00	**03200**	253,00	**03200**
40	40	50	27	5	WN.. 0804	256,50	**04000**	256,50	**04000**

Shim

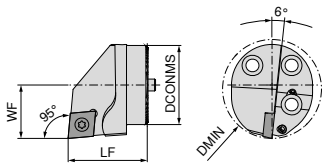
Elbow lever screw

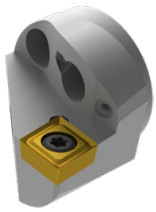
Lever

Solid Carbide Seat W

Spare parts for Article no.	Shim 84 950 ... EUR Y8			Elbow lever screw 84 950 ... EUR Y8		Lever 84 950 ... EUR Y8		Solid Carbide Seat W 84 950 ... EUR Y8	
84 166 03200 / 84 165 03200	1,42	**29200**	M8X1/L17 SW3	5,58	**28700**	19,24	**28900**	30,22	**27700**
84 166 04000 / 84 165 04000	1,42	**29200**	M8X1/L17 SW3	5,58	**28700**	19,24	**28900**	30,22	**27700**

MaxiChange-S – SCLC 95° – Exchangeable cutting head with screw clamping





Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert	NEW Left-hand 84 147 ... EUR Y8		NEW Right-hand 84 148 ... EUR Y8	
16	20	20	11	0.9	CC.. 0602	199,70	**01600**	199,70	**01600**
20	20	25	13	3	CC.. 09T3	216,40	**02000**	199,70	**02000**
25	35	32	17	5	CC.. 1204	200,90	**02500**	200,90	**02500**
32	35	40	22	5	CC.. 1204	204,60	**03200**	204,60	**03200**
40	40	50	27	5	CC.. 1204	207,90	**04000**	207,90	**04000**

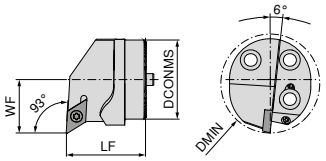
Clamping screw

84 950 ...

Spare parts for Article no.	EUR Y8	
84 148 02500 / 84 147 02500	5,93	**27500**
84 148 03200 / 84 147 03200	5,93	**27500**
84 148 04000 / 84 147 04000	5,93	**27500**

9

MaxiChange-S – SDUC 93° – Exchangeable cutting head with screw clamping



Illustrations show right-hand versions

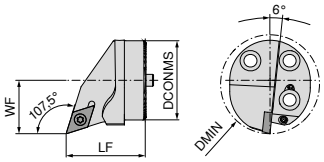
DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert	NEW Left-hand 84 143 ... EUR Y8		NEW Right-hand 84 144 ... EUR Y8	
16	20	20	11	0,9	DC.. 0702	199,70	**01600**	199,70	**01600**
20	20	25	13	3	DC.. 11T3	199,70	**02000**	199,70	**02000**
25	35	32	17	3	DC.. 11T3	200,90	**02500**	200,90	**02500**
32	35	40	22	3	DC.. 11T3	204,60	**03200**	204,60	**03200**
40	40	50	27	3	DC.. 11T3	207,90	**04000**	207,90	**04000**

Clamping screw

84 950 ...

Spare parts for Article no.	EUR Y8	
84 144 01600 / 84 143 01600	4,13	**44700**
84 144 02000 / 84 143 02000	3,92	**27600**
84 144 02500 / 84 143 02500	3,92	**27600**
84 144 03200 / 84 143 03200	3,92	**27600**
84 144 04000 / 84 143 04000	3,92	**27600**

MaxiChange-S – SDQC 107.5° – Exchangeable cutting head with screw clamping

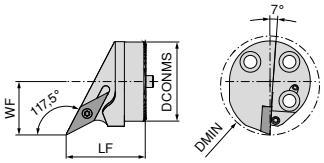
Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert	NEW Left-hand 84 145 ... EUR Y8		NEW Right-hand 84 146 ... EUR Y8	
20	20	25	13	3	DC.. 11T3	199,70	**02000**	199,70	**02000**
25	35	32	17	3	DC.. 11T3	200,90	**02500**	200,90	**02500**
32	35	40	22	3	DC.. 11T3	204,60	**03200**	204,60	**03200**
40	40	50	27	3	DC.. 11T3	207,90	**04000**	207,90	**04000**

Clamping screw

Spare parts for Article no.	84 950 ... EUR Y8	
84 146 02500 / 84 145 02500	3,92	**27600**
84 146 03200 / 84 145 03200	3,92	**27600**
84 146 04000 / 84 145 04000	3,92	**27600**

MaxiChange-S – SVPC 117.5° – Exchangeable cutting head with screw clamping

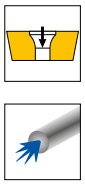
Illustrations show right-hand versions

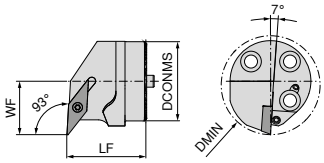
DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert	NEW Left-hand 84 176 ... EUR Y8		NEW Right-hand 84 176 ... EUR Y8	
25	35	32	17	3	VC.. 1103	203,30	**12500**	199,70	**02500**
32	35	40	22	3	VC.. 1604	206,70	**13200**	199,70	**03200**
40	40	50	27	3	VC.. 1604	206,70	**14000**	203,30	**04000**

Clamping screw

for Article no.	84 950 ... EUR Y8	
84 176 02500 / 84 176 12500	3,92	**27600**
84 176 03200 / 84 176 13200	3,92	**27600**
84 176 04000 / 84 176 14000	3,92	**27600**

MaxiChange-S – SVUC 93° – Exchangeable cutting head with screw clamping





Illustrations show right-hand versions

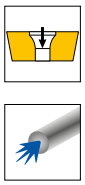
DCONMS	LF	DMIN	WF	torque moment	Insert	NEW Left-hand 84 177 ... EUR Y8		NEW Right-hand 84 177 ... EUR Y8	
mm	mm	mm	mm	Nm					
20	20	25	13	3	VC.. 1103	203,30	**12000**	199,70	**02000**
25	35	32	17	3	VC.. 1103	203,30	**12500**	199,70	**02500**
32	35	40	22	3	VC.. 1604	206,70	**13200**	199,70	**03200**
40	40	50	27	3	VC.. 1604	206,70	**14000**	199,70	**04000**

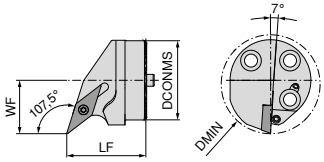
Clamping screw

Spare parts for Article no.	84 950 ... EUR Y8	
84 177 02000 / 84 177 12000	3,92	**27600**
84 177 02500 / 84 177 12500	3,92	**27600**
84 177 03200 / 84 177 13200	3,92	**27600**
84 177 04000 / 84 177 14000	3,92	**27600**

9

MaxiChange-S – SVQC 107.5° – Exchangeable cutting head with screw clamping





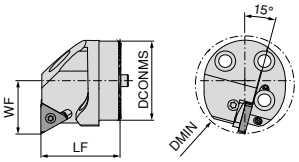
Illustrations show right-hand versions

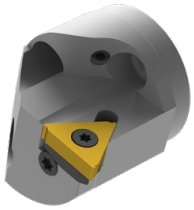
DCONMS	LF	DMIN	WF	torque moment	Insert	NEW Left-hand 84 178 ... EUR Y8		NEW Right-hand 84 178 ... EUR Y8	
mm	mm	mm	mm	Nm					
20	20	25	13	3	VC.. 1103	203,30	**12000**	199,70	**02000**
25	35	32	17	3	VC.. 1103	203,30	**12500**	199,70	**02500**
32	35	40	22	3	VC.. 1604	206,70	**13200**	199,70	**03200**
40	40	50	27	3	VC.. 1604	206,70	**14000**	199,70	**04000**

Clamping screw

for Article no.	84 950 ... EUR Y8	
84 178 02000 / 84 178 12000	3,92	**27600**
84 178 02500 / 84 178 12500	3,92	**27600**
84 178 03200 / 84 178 13200	3,92	**27600**
84 178 04000 / 84 178 14000	3,92	**27600**

MaxiChange – Exchangeable cutting head for internal thread





Illustrations show right-hand versions

DCONMS mm	LF mm	DMIN mm	WF mm	torque moment Nm	Insert	Left-hand 84 167 ... EUR Y8		Right-hand 84 168 ... EUR Y8	
25	35	32	17	2	16 ..	266,80	**02500**	266,80	**02500**
32	35	40	22	2	16 ..	278,20	**03200**	278,20	**03200**
40	40	50	27	2	16 ..	292,90	**04000**	292,90	**04000**

Suitable internal thread inserts can be found in → **Chapter 8 Thread Turning Tools, pages 6-30**

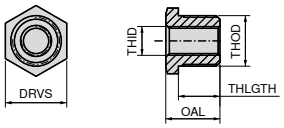
Spare parts for Article no.	 Shim 84 950 ... EUR Y8			 Screw-U 84 950 ... EUR Y8		 Clamping screw 84 950 ... EUR Y8	
84 168 02500	35,62	**29500**	UNC5x7,3	7,06	**29700**	7,06	**29400**
84 167 02500	35,62	**29600**	UNC5x7,3	7,06	**29700**	7,06	**29400**
84 168 03200	35,62	**29500**	UNC5x7,3	7,06	**29700**	7,06	**29400**
84 167 03200	35,62	**29600**	UNC5x7,3	7,06	**29700**	7,06	**29400**
84 168 04000	35,62	**29500**	UNC5x7,3	7,06	**29700**	7,06	**29400**
84 167 04000	35,62	**29600**	UNC5x7,3	7,06	**29700**	7,06	**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	72 990 ... EUR X0	
MU.KSS-DN3-150	6,0	3	150	90,58	11005
MU.KSS-DN3-250	6,0	3	250	95,70	11006
MU.KSS-DN5-200	9,5	5	200	103,30	11001
MU.KSS-DN5-300	9,5	5	300	108,40	11002
MU.KSS-DN5-400	9,5	5	400	111,00	11003
MU.KSS-DN5-500	9,5	5	500	113,60	11004

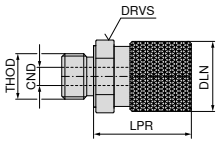
Threaded adapter



THID	THOD	THLGTH mm	DRVS mm	OAL mm	72 988 ... EUR X0	
G1/8"	G1/4"	11,5	17	15,0	15,19	01005
G1/8"	M8x1	11,5	14	15,0	15,19	01006
G1/8"	M12x1	11,5	14	15,0	15,19	01007
G1/8"	M14x1	11,5	17	15,0	15,19	01008
M8x1	G1/4"	11,5	17	15,0	15,19	01003
M8x1	M12x1	11,5	14	15,0	15,19	01001
M8x1	M14x1	11,5	17	15,0	15,19	01002
M8x1	G1/8"	11,5	14	23,5	15,19	01004

Quick-coupler

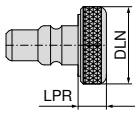
▲ pressure-resistant up to at least 400 bar
▲ rapid change of coolant distribution without screws thanks to click system



THOD	BD mm	DLN mm	LPR mm	CND mm	DRVS mm	72 993 ... EUR X0	
G1/8"	16	15,5	21,5	4	14	33,81	15001

Sealing plugs

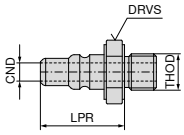
▲ for closing off the quick-coupler to protect against contamination



Designation	LPR mm	DLN mm	72 994 ... EUR X0	
MU.KSVS	5,5	15,5	4,45	17001

Coupler connector

▲ pressure-resistant up to at least 400 bar



Designation	LPR mm	CND mm	DRVS mm	OAL mm	72 992 ... EUR X0	
MU.KSKS-M8x1	18,5	4	12	19	14,66	13001

G1/8" screw plug

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

Designation	THSZMS	72 950 ... EUR X0	
VS.G1/8	G1/8"	21,72	010

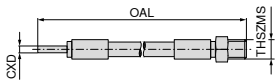
Angled coolant connection for distributor

Designation	THOD	THID	72 987 ... EUR X0	
MU.KS-KA-KSV	G1/8"	G1/8"	42,78	18003

9

Hose (connecting piece/thread)

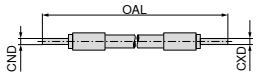
▲ Max. 200 bar/2900 psi
▲ No sealing ring required



Designation	THSZMS	CXD mm	OAL mm	72 305 ... EUR X0	
HDKS.150.M5-4	M5	4	150	63,83	**010**
HDKS.200.M5-4	M5	4	200	64,48	**021**
HDKS.300.M5-4	M5	4	300	64,00	**033**
HDKS.500.M5-4	M5	4	500	66,82	**045**

Hose (connecting piece/connecting piece)

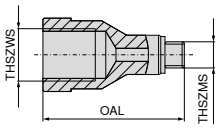
▲ Max. 200 bar/2900 psi



Designation	CND mm	CXD mm	OAL mm	72 305 ... EUR X0	
HDKS.150.4-4	4	4	150	58,65	**003**
HDKS.200.4-4	4	4	200	59,46	**014**
HDKS.300.4-4	4	4	300	59,80	**025**
HDKS.500.4-4	4	4	500	61,66	**037**

Reducer fitting

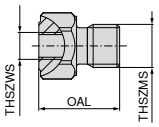
▲ Max. 200 bar/2900 psi
▲ Includes sealing ring



Designation	THSZWS	THSZMS	OAL mm	72 301 ... EUR X0	
RV.100.M5-M6	M6	M5	15	40,27	**001**
RV.100.M5-M8x1	M8x1	M5	23	40,27	**003**
RV.100.M5-M10x1	M10x1	M5	27	40,27	**005**
RV.100.M5-G1/8	G1/8"	M5	27	40,27	**004**

Reducer fitting

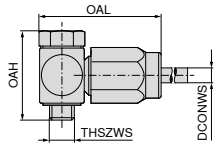
▲ Max. 200 bar/2900 psi
▲ No sealing ring required



Designation	THSZWS	THSZMS	OAL mm	72 301 ... EUR X0	
RV.100.M6-M5	M5	M6	18	40,27	**002**
RV.100.M8x1-M5	M5	M8x1	15	40,27	**008**
RV.100.M10x1-M5	M5	M10x1	15	40,27	**007**
RV.100.G1/8-M5	M5	G1/8"	15	40,27	**006**

Swivel fitting

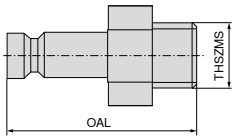
▲ Max. 200 bar/2900 psi



Designation	DCONWS mm	OAH mm	THSZMS	OAL mm	72 307 ... EUR X0	
KA.SV.M5-4	4	21	M5	28	135,10	**017**
KA.SV.G1/8-4	4	30	G1/8"	37	129,40	**012**

Quick connection (connector)

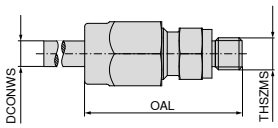
▲ Max. 200 bar/2900 psi
▲ No sealing ring required

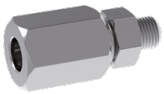


Designation	THSZMS	OAL mm	72 320 ... EUR X0	
SAG.M5	M5	20	60,44	**001**

Straight fitting

▲ Max. 200 bar/2900 psi

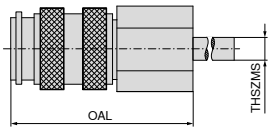




Designation	DCONWS mm	THSZMS	OAL mm	72 307 ... EUR X0	
KA. M5-4	4	M5	27	41,11	**009**
KA. G1/8-4	4	G1/8"	32	35,62	**003**

Quick connection (coupling)

▲ Max. 200 bar/2900 psi



Designation	THSZMS	OAL mm	72 319 ... EUR X0	
KIG.M5	M5	26	175,70	**001**

9

Material examples for cutting data tables

	Material sub-group	Index	Composition / Structure / Heat treatment		Tensile strength N/mm²* / HB / HRC	Material number	Material designation	Material number	Material designation
P	Unalloyed steel	P.1.1	< 0,15 % C	Annealed	420 N/mm² / 125 HB	1.0401	C15	1.1141	Ck15
		P.1.2	< 0,45 % C	Annealed	640 N/mm² / 190 HB	1.1191	C45E	1.0718	9SMnPb28
		P.1.3		Tempered	840 N/mm² / 250 HB	1.1191	C45E	1.0535	C55
		P.1.4	< 0,75 % C	Annealed	910 N/mm² / 270 HB	1.1223	C60R	1.0535	C55
		P.1.5		Tempered	1010 N/mm² / 300 HB	1.1223	C60R	1.0727	45S20
	Low-alloy steel	P.2.1		Annealed	610 N/mm² / 180 HB	1.7131	16MnCr5	1.6587	17CrNiMo6
		P.2.2		Tempered	930 N/mm² / 275 HB	1.7131	16MnCr5	1.6587	17CrNiMo6
		P.2.3		Tempered	1010 N/mm² / 300 HB	1.7225	42CrMo4	1.3505	100Cr6
		P.2.4		Tempered	1200 N/mm² / 375 HB	1.7225	42CrMo4	1.3505	100Cr6
	High-alloy steel and high-alloy tool steel	P.3.1		Annealed	680 N/mm² / 200 HB	1.4021	X20Cr13	1.4034	X46Cr13
		P.3.2		Hardened and tempered	1100 N/mm² / 300 HB	1.2343	X38CrMoV5-1	1.4034	X46Cr13
		P.3.3		Hardened and tempered	1300 N/mm² / 400 HB	1.2343	X38CrMoV5-1	1.4034	X46Cr13
	Stainless steel	P.4.1	Ferritic / martensitic	Annealed	680 N/mm² / 200 HB	1.4016	X6Cr17	1.2316	X36CrMo16
		P.4.2	Martensitic	Tempered	1010 N/mm² / 300 HB	1.4112	X90CrMoV18	1.2316	X36CrMo16
M	Stainless steel	M.1.1	Austenitic / austenitic-ferritic	Quenched	610 N/mm² / 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/mm² / 230 HB	1.4462	X2CrNiMoN22-5-3	1.4501	X2CrNiMoCuWN25-7-4
K	Grey cast iron	K.1.1	Pearlitic / ferritic		350 N/mm² / 180 HB	0.6010	GG-10	0.6025	GG-25
		K.1.2	Pearlitic (martensitic)		500 N/mm² / 260 HB	0.6030	GG-30	0.6045	GG-45
	Spherulitic graphite cast iron	K.2.1	Ferritic		540 N/mm² / 160 HB	0.7040	GGG-40	0.7060	GGG-60
		K.2.2	Pearlitic		845 N/mm² / 250 HB	0.7070	GGG-70	0.7080	GGG-80
	Malleable iron	K.3.1	Ferritic		440 N/mm² / 130 HB	0.8035	GTW-35-04	0.8045	GTW-45
		K.3.2	Pearlitic		780 N/mm² / 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/mm² / 100 HB	3.1355	AlCuMg2	3.2315	AlMgSi1
	Cast aluminium alloy	N.2.1	≤ 12 % Si, non-hardenable		250 N/mm² / 75 HB	3.2581	G-AlSi12	3.2163	G-AlSi9Cu3
		N.2.2	≤ 12 % Si, hardenable	Age-hardened	300 N/mm² / 90 HB	3.2134	G-AlSi5Cu1Mg	3.2373	G-AlSi9Mg
		N.2.3	> 12 % Si, non-hardenable		440 N/mm² / 130 HB		G-AlSi17Cu4Mg		G-AlSi18CuNiMg
	Copper and copper alloys (bronze/brass)	N.3.1	Free-machining alloys, PB > 1 %		375 N/mm² / 110 HB	2.0380	CuZn39Pb2 (Ms58)	2.0410	CuZn44Pb2
		N.3.2	CuZn, CuSnZn		300 N/mm² / 90 HB	2.0331	CuZn15	2.4070	CuZn28Sn1As
		N.3.3	CuSn, lead-free copper and electrolytic copper		340 N/mm² / 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/mm² / 200 HB	1.4864	X12NiCrSi 36-16	1.4865	G-X40NiCrSi38-18
		S.1.2		Age-hardened	950 N/mm² / 280 HB	1.4980	X6NiCrTiMoVB25-15-2	1.4876	X10NiCrAlTi32-20
		S.2.1	Ni or Co basis	Annealed	840 N/mm² / 250 HB	2.4631	NiCr20TiAl (Nimonic80A)	3.4856	NiCr22Mo9Nb
		S.2.2		Age-hardened	1180 N/mm² / 350 HB	2.4668	NiCr19Nb5Mo3 (Inconel 718)	2.4955	NiFe25Cr20NbTi
		S.2.3		Cast	1080 N/mm² / 320 HB	2.4765	CoCr20W15Ni	1.3401	G-X120Mn12
	Titanium alloys	S.3.1	Pure titanium		400 N/mm²	3.7025	Ti99,8	3.7034	Ti99,7
		S.3.2	Alpha + beta alloys	Age-hardened	1050 N/mm² / 320 HB	3.7165	TiAl6V4	Ti-6246	Ti-6Al-2Sn-4Zr-6Mo
		S.3.3	Beta alloys		1400 N/mm² / 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/mm²				
		O.1.2	Plastics, thermoplastic		≤ 100 N/mm²				
		O.2.1	Aramid fibre-reinforced		≤ 1000 N/mm²				
		O.2.2	Glass/carbon-fibre reinforced		≤ 1000 N/mm²				
		O.3.1	Graphite						

* Tensile strength

Cutting data standard values

Index			DRAGONSKIN														
	TCM407	TCM10	CTEP110	CTCP115-P	CTCP125-P	CTCP135-P	CTCK110	CTCK120	CTPM125	CTCM120	CTCM130	CTPX710 -F05 -F34 -M34 -M42	CTPX710 -25P -25Q	CTPX715 -27 -29	H210T	H10T H216T
	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.

9

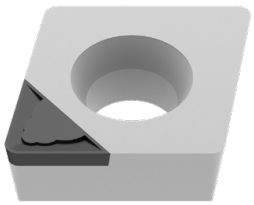
Cutting data standard values for diamond cutting materials CTD PD20 / PS30 / PU20 / CD10 / MD05

Index	Material group			a_p = 0,04–0,4 mm Surface roughness R_z in µm 2,5–5,0	a_p = 0,04–0,4 mm Surface roughness R_z in µm 5,0–10	a_p = 0,4–1,0 mm Surface roughness R_z in µm 2,5–5,0	a_p = 0,4–1,0 mm Surface roughness R_z in µm 5,0–10	a_p = 0,4–2,5 mm Surface roughness R_z in µm 2,5–5,0	a_p = 0,4–2,5 mm Surface roughness R_z in µm 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**	
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

Cutting data standard values for the CB chip breaker geometries

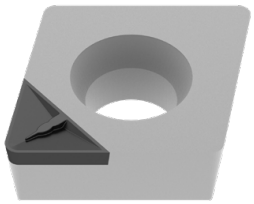
-CB1



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

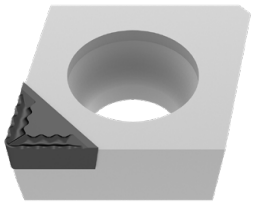
-CB2



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 preperation
- ▲ 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	0,1	**0,35**	0,5	1,0	**2,5**	4,0	0,15	**0,25**	0,40	0,9	**2,0**	3,5	0,20	**0,30**	0,50	1,0	**2,0**	5,0
DN.. 150616													0,25	**0,40**	0,60	1,4	**2,0**	5,0
SN.. 090308																		
SN.. 120404																		
SN.. 120408													0,15	**0,25**	0,40	0,6	**2,0**	5,0
SN.. 120412													0,20	**0,30**	0,50	1,0	**2,0**	5,0
SN.. 120416													0,25	**0,40**	0,60	1,4	**2,0**	5,0
SN.. 150608													0,15	**0,25**	0,40	0,6	**3,0**	8,0
SN.. 150612													0,20	**0,30**	0,50	1,0	**3,0**	8,0
SN.. 150616													0,25	**0,40**	0,60	1,4	**3,0**	8,0
SN.. 190612																		
SN.. 190616																		
SN.. 190624																		
SN.. 250724																		
SN.. 250924																		
TN.. 110304																		
TN.. 110308																		
TN.. 160404													0,10	**0,20**	0,30	0,4	**2,0**	5,0
TN.. 160408													0,15	**0,25**	0,40	0,6	**2,0**	5,0
TN.. 160412													0,20	**0,30**	0,50	1,0	**2,0**	5,0
TN.. 220404																		
TN.. 220408													0,15	**0,25**	0,40	0,6	**3,0**	8,0
TN.. 220412													0,20	**0,30**	0,50	1,0	**3,0**	8,0
TN.. 220416																		
VN.. 160404							0,08	**0,15**	0,20	0,3	**1,0**	1,8	0,10	**0,20**	0,30	0,4	**1,0**	4,0
VN.. 160408							0,13	**0,20**	0,30	0,6	**1,5**	2,5	0,15	**0,25**	0,40	0,6	**1,0**	4,0
VN.. 160412													0,20	**0,30**	0,50	1,0	**1,0**	4,0
WN.. 060404	0,10	**0,18**	0,35	0,4	**0,8**	3,0							0,10	**0,20**	0,30	0,4	**1,0**	3,0
WN.. 060408	0,10	**0,20**	0,50	0,5	**1,5**	3,0							0,15	**0,25**	0,40	0,6	**1,0**	3,0
WN.. 060412													0,20	**0,30**	0,50	1,0	**1,0**	3,0
WN.. 080404	0,1	**0,15**	0,35	0,4	**1,0**	3,0	0,08	**0,15**	0,25	0,3	**1,5**	2,5	0,10	**0,20**	0,30	0,4	**1,5**	4,0
WN.. 080408	0,10	**0,25**	0,50	0,5	**1,5**	4,0	0,13	**0,22**	0,35	0,6	**2,0**	3,0	0,15	**0,25**	0,40	0,6	**1,5**	4,0
WN.. 080412	0,15	**0,30**	0,70	0,8	**2,0**	5,0	0,15	**0,25**	0,45	0,9	**2,0**	3,5	0,20	**0,30**	0,50	1,0	**1,5**	4,0
WN.. 080416													0,25	**0,40**	0,60	1,4	**1,5**	4,0

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Information on the cutting data of chip breakers not included in this overview, can be found on → **Page 211–217**

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

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The data shows reference values. An adjustment to the actual conditions may be required.

Designation	-R28						-R58						-R88					
	f			a_p			f			a_p			f			a_p		
	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.
	mm/rev.			mm			mm/rev.			mm			mm/rev.			mm		
CN.. 090304																		
CN.. 090308																		
CN.. 120404																		
CN.. 120408	0,25	**0,35**	0,55	0,8	**3,0**	7,0	0,25	**0,45**	0,70	1,0	**3,0**	7,0						
CN.. 120412	0,30	**0,45**	0,70	1,0	**3,0**	7,0	0,30	**0,55**	0,85	1,5	**3,0**	7,0						
CN.. 120416	0,30	**0,60**	0,90	1,5	**3,0**	7,0	0,35	**0,65**	1,00	2,0	**3,0**	7,0						
CN.. 160608																		
CN.. 160612	0,30	**0,45**	0,70	1,0	**4,0**	9,0	0,30	**0,55**	0,85	1,5	**4,0**	9,0						
CN.. 160616	0,35	**0,60**	0,90	1,5	**4,0**	9,0	0,35	**0,65**	1,00	2,0	**4,0**	9,0						
CN.. 160624							0,40	**0,75**	1,20	2,5	**4,0**	9,0	0,40	**0,70**	1,20	2,0	**5,0**	9,0
CN.. 190608																		
CN.. 190612	0,30	**0,45**	0,70	1,0	**5,5**	12,0	0,35	**0,55**	0,85	1,5	**5,5**	12,0						
CN.. 190616	0,35	**0,60**	0,90	1,5	**5,5**	12,0	0,40	**0,65**	1,00	2,0	**5,5**	12,0	0,40	**0,70**	1,00	2,0	**5,0**	12,0
CN.. 190624	0,35	**0,65**	1,00	2,0	**5,5**	12,0	0,40	**0,75**	1,20	2,5	**5,5**	12,0	0,40	**0,70**	1,20	2,0	**5,0**	12,0
CN.. 250924	0,35	**0,7**	1,0	2,0	**7,0**	16,0	0,45	**0,80**	1,30	2,5	**8,0**	16,0	0,60	**1,00**	1,50	3,5	**10,0**	18,0
DN.. 110402																		
DN.. 110404																		
DN.. 110408																		
DN.. 110412																		
DN.. 150404																		
DN.. 150408																		
DN.. 150412																		
DN.. 150416																		
DN.. 150604																		
DN.. 150608																		
DN.. 150612	0,25	**0,45**	0,70	1,0	**2,5**	6,0	0,30	**0,50**	0,80	1,5	**2,5**	6,0						
DN.. 150616	0,30	**0,60**	0,85	1,5	**2,5**	6,0	0,35	**0,60**	0,90	2,0	**2,5**	6,0						
SN.. 090308																		
SN.. 120404																		
SN.. 120408							0,25	**0,45**	0,70	1,0	**3,0**	7,0						
SN.. 120412							0,30	**0,55**	0,85	1,5	**3,0**	7,0						
SN.. 120416																		
SN.. 150608																		
SN.. 150612	0,30	**0,35**	0,70	1,0	**4,0**	9,0	0,30	**0,55**	0,85	1,5	**4,0**	9,0						
SN.. 150616	0,35	**0,60**	0,90	1,5	**4,0**	9,0	0,35	**0,65**	1,00	2,0	**4,0**	9,0						
SN.. 190612							0,35	**0,55**	0,85	1,5	**5,5**	12,0						
SN.. 190616	0,35	**0,60**	0,90	1,5	**5,5**	12,0	0,40	**0,65**	1,00	2,0	**5,5**	12,0	0,40	**0,70**	1,00	2,0	**5,0**	12,0
SN.. 190624							0,40	**0,75**	1,20	2,0	**5,5**	12,0	0,40	**0,70**	1,20	2,0	**5,0**	12,0
SN.. 250724	0,35	**0,65**	1,00	2,0	**7,0**	16,0	0,45	**0,80**	1,30	2,5	**8,0**	16,0	0,60	**1,00**	1,50	3,5	**10,0**	18,0
SN.. 250924	0,35	**0,65**	1,00	2,0	**7,0**	16,0	0,45	**0,80**	1,30	2,5	**8,0**	16,0	0,60	**1,00**	1,50	3,5	**10,0**	18,0
TN.. 110304																		
TN.. 110308																		
TN.. 160404																		
TN.. 160408																		
TN.. 160412																		
TN.. 220404																		
TN.. 220408																		
TN.. 220412							0,30	**0,50**	0,80	1,5	**3,0**	7,0						
TN.. 220416	0,30	**0,55**	0,85	1,5	**3,0**	7,0												
VN.. 160404																		
VN.. 160408																		
VN.. 160412																		
WN.. 060404																		
WN.. 060408																		
WN.. 060412																		
WN.. 080404																		
WN.. 080408																		
WN.. 080412																		
WN.. 080416																		

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9

Information on the cutting data of chip breakers not included in this overview, can be found on → **Page 211–217**

Cutting data standard values for negative inserts

	Designation	-F30						-M30					
		f			a_p			f			a_p		
		min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.
		mm/rev.			mm			mm/rev.			mm		
	CN.. 090304												
	CN.. 090308												
	CN.. 120404	0,05	**0,15**	0,25	0,4	**1,0**	2,0						
	CN.. 120408	0,10	**0,22**	0,35	0,8	**1,5**	2,5	0,15	**0,25**	0,40	1,0	**2,0**	4,5
	CN.. 120412							0,20	**0,30**	0,50	1,2	**2,5**	5,0
	CN.. 120416							0,25	**0,35**	0,55	1,6	**2,5**	5,0
	CN.. 160608												
	CN.. 160612												
	CN.. 160616												
	CN.. 160624												
	CN.. 190608												
	CN.. 190612												
	CN.. 190616												
	CN.. 190624												
	CN.. 250924												
	DN.. 110402												
	DN.. 110404	0,05	**0,15**	0,25	0,4	**1,0**	2,0						
	DN.. 110408	0,10	**0,20**	0,35	0,8	**1,5**	2,5	0,15	**0,25**	0,40	1,0	**2,0**	4,5
	DN.. 110412							0,20	**0,30**	0,50	1,2	**2,0**	4,5
	DN.. 150404	0,05	**0,15**	0,25	0,4	**1,0**	2,0						
	DN.. 150408	0,1	**0,2**	0,35	0,8	**1,5**	2,5	0,15	**0,25**	0,35	1,0	**2,5**	4,0
	DN.. 150412							0,2	**0,3**	0,5	1,0	**2,5**	4,0
	DN.. 150416												
	DN.. 150604	0,05	**0,15**	0,25	0,4	**1,0**	2,0						
	DN.. 150608	0,10	**0,20**	0,35	0,8	**1,5**	2,5	0,15	**0,25**	0,40	1,0	**2,0**	5,5
	DN.. 150612							0,20	**0,30**	0,50	1,2	**2,0**	5,5
	DN.. 150616												
	SN.. 090308												
	SN.. 120404	0,10	**0,15**	0,30	0,4	**1,0**	2,0						
	SN.. 120408	0,15	**0,20**	0,40	0,8	**1,5**	2,5	0,20	**0,25**	0,45	1,0	**2,0**	4,5
	SN.. 120412	0,15	**0,20**	0,40	1,2	**1,8**	2,5	0,25	**0,30**	0,50	1,2	**2,0**	5,0
	SN.. 120416												
	SN.. 150608												
	SN.. 150612												
	SN.. 150616												
	SN.. 190612												
	SN.. 190616												
	SN.. 190624												
	SN.. 250724												
	SN.. 250924												
	TN.. 110304												
	TN.. 110308												
	TN.. 160404	0,05	**0,15**	0,25	0,4	**1,0**	2,0						
	TN.. 160408	0,10	**0,15**	0,35	0,8	**1,5**	2,5	0,15	**0,25**	0,40	1,0	**2,0**	4,5
	TN.. 160412							0,20	**0,30**	0,50	1,2	**2,0**	4,5
	TN.. 220404												
	TN.. 220408												
	TN.. 220412												
	TN.. 220416												
	VN.. 160404	0,08	**0,10**	0,20	0,4	**1,0**	2,0						
	VN.. 160408	0,10	**0,15**	0,30	0,8	**1,5**	2,5	0,15	**0,25**	0,40	1,0	**1,5**	4,0
	VN.. 160412												
	WN.. 060404	0,05	**0,15**	0,25	0,4	**1,0**	2,0						
	WN.. 060408	0,10	**0,20**	0,30	0,8	**1,5**	2,5	0,15	**0,25**	0,40	1,0	**1,5**	3,5
	WN.. 060412							0,20	**0,30**	0,45	1,2	**1,5**	4,0
	WN.. 080404	0,05	**0,15**	0,25	0,4	**1,0**	2,0						
	WN.. 080408	0,10	**0,20**	0,35	0,8	**1,5**	2,5	0,15	**0,25**	0,40	1,0	**2,0**	4,5
	WN.. 080412							0,20	**0,30**	0,50	1,2	**2,0**	5,0
	WN.. 080416												

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The data shows reference values. An adjustment to the actual conditions may be required.

Designation	-M60						-M34						-M42					
	f			a_p			f			a_p			f			a_p		
	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.
	mm/rev.			mm			mm/rev.			mm			mm/rev.			mm		
CN.. 090304																		
CN.. 090308																		
CN.. 120404							0,08	**0,12**	0,18	1,0	**1,5**	3,0	0,1	**0,2**	0,25	0,8	**1,5**	4,0
CN.. 120408	0,25	**0,30**	0,50	1,5	**2,5**	6,0	0,10	**0,15**	0,35	1,0	**1,8**	3,5	0,2	**0,3**	0,44	1,0	**2,5**	4,0
CN.. 120412	0,30	**0,35**	0,55	2,0	**3,0**	6,0	0,13	**0,20**	0,40	1,5	**2,0**	4,0	0,28	**0,35**	0,55	1,2	**3,0**	4,2
CN.. 120416	0,30	**0,40**	0,60	2,0	**3,0**	6,0	0,15	**0,25**	0,45	2,0	**3,0**	4,5						
CN.. 160608																		
CN.. 160612	0,30	**0,35**	0,55	2,0	**3,0**	8,0												
CN.. 160616																		
CN.. 160624																		
CN.. 190608																		
CN.. 190612																		
CN.. 190616																		
CN.. 190624																		
CN.. 250924																		
DN.. 110402																		
DN.. 110404													0,15	**0,25**	0,3	1,0	**2,0**	3,5
DN.. 110408													0,2	**0,3**	0,4	1,2	**2,5**	4,0
DN.. 110412																		
DN.. 150404							0,08	**0,12**	0,18	0,8	**1,2**	2,5	0,15	**0,25**	0,35	1,0	**2,0**	4,0
DN.. 150408	0,25	**0,3**	0,45	1,5	**2,5**	6,0	0,10	**0,15**	0,30	1,0	**1,8**	3,5	0,2	**0,3**	0,4	1,2	**2,5**	5,0
DN.. 150412	0,3	**0,4**	0,55	1,5	**2,5**	6,0	0,13	**0,20**	0,38	1,5	**2,0**	4,0						
DN.. 150416																		
DN.. 150604													0,15	**0,25**	0,35	1,0	**2,0**	4,0
DN.. 150608	0,25	**0,30**	0,45	1,5	**2,5**	6,0	0,10	**0,15**	0,30	1,0	**1,8**	3,5	0,2	**0,3**	0,44	1,2	**2,5**	5,0
DN.. 150612	0,30	**0,40**	0,55	1,5	**2,5**	6,0	0,13	**0,20**	0,38	1,5	**2,0**	4,0						
DN.. 150616																		
SN.. 090308																		
SN.. 120404																		
SN.. 120408	0,30	**0,35**	0,50	1,5	**2,0**	6,0	0,15	**0,25**	0,40	1,0	**2,0**	4,0	0,15	**0,25**	0,4	1,0	**2,0**	4,5
SN.. 120412	0,30	**0,40**	0,55	2,0	**2,5**	6,0	0,15	**0,25**	0,45	1,5	**2,5**	4,5	0,2	**0,25**	0,45	1,0	**2,0**	5,0
SN.. 120416	0,30	**0,40**	0,60	2,0	**2,5**	6,0												
SN.. 150608																		
SN.. 150612																		
SN.. 150616																		
SN.. 190612																		
SN.. 190616																		
SN.. 190624																		
SN.. 250724																		
SN.. 250924																		
TN.. 110304																		
TN.. 110308																		
TN.. 160404													0,1	**0,2**	0,3	0,8	**2,0**	5,0
TN.. 160408	0,25	**0,25**	0,45	1,5	**2,5**	5,0	0,10	**0,15**	0,35	1,0	**2,0**	4,0	0,12	**0,2**	0,35	0,8	**2,0**	5,0
TN.. 160412	0,30	**0,30**	0,55	2,0	**2,5**	5,5												
TN.. 220404							0,10	**0,15**	0,35	1,0	**2,0**	4,0						
TN.. 220408							0,13	**0,20**	0,40	1,5	**2,5**	4,0						
TN.. 220412																		
TN.. 220416							0,15	**0,25**	0,45	2,0	**2,5**	4,5						
VN.. 160404							0,07	**0,10**	0,18	0,8	**1,2**	2,0						
VN.. 160408							0,10	**0,15**	0,20	1,0	**1,5**	2,5						
VN.. 160412							0,13	**0,18**	0,25	1,5	**1,8**	3,0						
WN.. 060404													0,1	**0,22**	0,35	0,5	**1,0**	3,0
WN.. 060408	0,25	**0,30**	0,45	1,5	**2,0**	4,0							0,1	**0,22**	0,35	0,5	**1,0**	3,0
WN.. 060412	0,30	**0,35**	0,50	2,0	**2,5**	4,5												
WN.. 080404													0,1	**0,2**	0,35	0,4	**1,5**	4,0
WN.. 080408	0,25	**0,30**	0,50	1,5	**2,0**	5,0	0,10	**0,15**	0,35	1,0	**2,0**	4,0	0,15	**0,25**	0,4	0,8	**1,5**	4,0
WN.. 080412	0,30	**0,35**	0,55	2,0	**2,5**	5,5	0,13	**0,20**	0,40	1,5	**2,0**	4,0	0,2	**0,3**	0,45	1,0	**2,0**	4,0
WN.. 080416																		

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Information on the cutting data of chip breakers not included in this overview, can be found on → **Page 211–217**

Cutting data values for positive inserts

	Designation	-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

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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																		

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Information on the cutting data of chip breakers not included in this overview, can be found on → **Page 211–217**

Cutting data values for positive inserts

	Designation	-SMQ						-M25					
		f			a_p			f			a_p		
		min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.	min.	Recommended	max.
		mm/rev.			mm			mm/rev.			mm		
	CC.. 060200												
	CC.. 060201												
	CC.. 060202												
	CC.. 060204							0,06	**0,13**	0,20	0,2	**1,1**	2,0
	CC.. 060208												
	CC.. 09T300												
	CC.. 09T301												
	CC.. 09T302												
	CC.. 09T304	0,10	**0,25**	0,4	0,4	**2**	4	0,06	**0,14**	0,22	0,2	**1,2**	2,2
	CC.. 09T308	0,15	**0,30**	0,5	0,8	**2**	4	0,10	**0,20**	0,30	0,4	**1,8**	3,2
	CC.. 09T312												
	CC.. 120402												
	CC.. 120404	0,10	**0,25**	0,4	0,4	**2**	4						
	CC.. 120408	0,15	**0,30**	0,5	0,8	**2**	4						
	CC.. 120412												
	DC.. 0702005												
	DC.. 070201												
	DC.. 0702015												
	DC.. 070202							0,04	**0,09**	0,13	0,1	**0,9**	1,6
	DC.. 070204	0,10	**0,18**	0,25	0,4	**1,5**	3	0,06	**0,12**	0,18	0,2	**1,1**	2,0
	DC.. 070208												
	DC.. 11T3005												
	DC.. 11T301												
	DC.. 11T3015												
	DC.. 11T302							0,04	**0,10**	0,16	0,1	**1,1**	2,0
	DC.. 11T304	0,10	**0,25**	0,4	0,4	**2**	4	0,06	**0,14**	0,22	0,2	**1,2**	2,2
	DC.. 11T308	0,15	**0,30**	0,5	0,8	**2**	4	0,10	**0,20**	0,30	0,4	**1,8**	3,2
	DC.. 11T312												
	RC.. 0602MO												
	RC.. 0803MO												
	RC.. 1003MO												
	RC.. 1204MO												
	RC.. 1606MO												
	RC.. 2006MO												
	RC.. 2507MO												
	SC.. 09T304												
	SC.. 09T308												
	SC.. 120408												
	SC.. 120412												
	TC.. 090204												
	TC.. 110202												
	TC.. 110204							0,06	**0,13**	0,20	0,2	**1,2**	2,2
	TC.. 110208												
	TC.. 16T302												
	TC.. 16T304							0,06	**0,14**	0,22	0,2	**1,6**	3,0
	TC.. 16T308							0,10	**0,20**	0,30	0,4	**1,9**	3,4
	TC.. 16T312												
	TC.. 220408												
	VC.. 1103005												
	VC.. 110301												
	VC.. 1103015												
	VC.. 110302												
	VC.. 110304												
	VC.. 110308												
	VC.. 160402												
	VC.. 160404							0,06	**0,13**	0,20	0,2	**1,2**	2,2
	VC.. 160408							0,10	**0,15**	0,25	0,4	**1,4**	3,0
	VC.. 160412												
	VC.. 220530												
	WC.. 020102												
	WC.. 020104												

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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												

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Information on the cutting data of chip breakers not included in this overview, can be found on → **Page 211–217**

9

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, ...

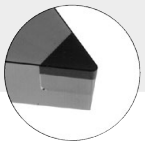
The cutting materials

	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	▲ perfect sharp edges ▲ no cutting pressure ▲ very close tolerances ▲ highest abrasion resistance with highest toughness ▲ very high heat conductivity	▲ high sharpness ▲ lower cutting pressure than PDC-S ▲ close tolerance ▲ lower abrasion resistance with increased toughness	▲ very sharp cutting edge ▲ reduced cutting pressure ▲ tight tolerances ▲ very high level of wear resistance and toughness	▲ 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

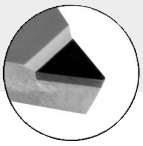
Neutral rake angle:

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



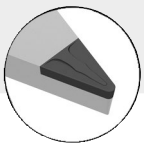
Positive rake angle: 5° / 7°

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



CB chip breaker geometries:

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



Notes on diamond usage

- ▲ Coolant is not generally needed, however it facilitates chip removal
- ▲ Note the chemical reaction to carbide-forming elements (PCD)
- ▲ Note the thermal interaction and critical temperature:
  PCD: 600 °C, CVD: 700 °C
  Depending on the material, use cooling.

Standard chip breakers / application notes

Main application steel and cast iron, secondary application stainless steels

Negative

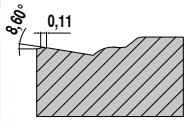
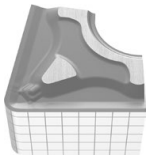
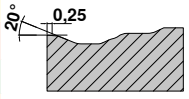
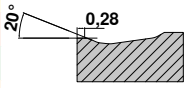
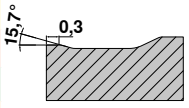
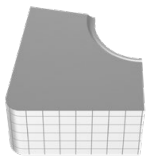
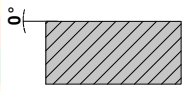
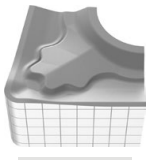
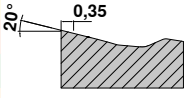
Model	Smooth cut	Irregular cutting depth	Interrupted cut	Sectional illustration a_p mm	Sectional illustration f mm	Geometry
-CF / -CF20 ▲ Fine finishing ▲ Sharp cutting edge for low cutting forces ▲ Good chip control even at small depths of cut	**CTEP110 / TCM10** CTEP110 / TCM10 CTEP110 / TCM10			0,30–1,50	0,07–0,25	CN.. DN.. TN.. WN..
-F40 ▲ Fine turning chip breaker for machining steels ▲ Good chip control ▲ Ideal for copy turning work	**CTCP125-P** CTCP125-P	**CTCP125-P** CTCP125-P		0,50–2,00	0,10–0,30	VN..
-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	**CTCP135-P** CTCP135-P	0,10–2,60	0,06–0,35	CN.. DN.. SN.. TN.. VN.. WN..
-TFQ ▲ Wiper 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		0,50–5,00	0,10–0,60	CN.. DN.. WN..
-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	0,40–4,50	0,12–0,40	CN.. DN.. VN.. WN..

9

Standard chip breakers / application notes

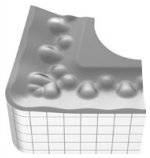
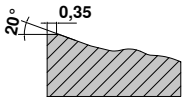
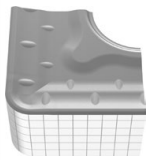
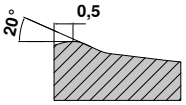
Main application steel and cast iron, secondary application stainless steels

Negative

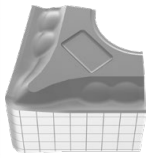
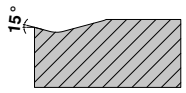
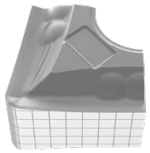
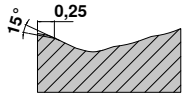
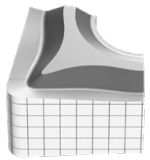
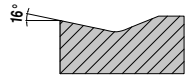
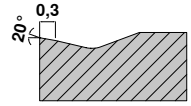
Model	Smooth cut	Irregular cutting depth	Interrupted cut	Sectional illustration a_p mm	Sectional illustration f mm	Geometry
-M40 ▲ Stable geometry ▲ Medium feed rates ▲ Can be used for any application ▲ Good chip control	 **M**	**CTCP125-P** CTCP125-P	**CTCP125-P** CTCP125-P	 0,50–3,00	0,10–0,35	VN..
-M50 ▲ Medium machining ▲ First choice for steel machining ▲ Universal application ▲ Wide range of applications	 **M**	**CTCP115-P / CTCP125-P / CTCK110 / CTCK120** CTCP115-P CTCP115-P / CTCP125-P / **CTCK110 / CTCK120**	CTCP115-P / **CTCP125-P** CTCP125-P CTCP115-P / CTCP125-P / **CTCK110 / CTCK120**	CTCP125-P / **CTCP135-P** CTCP135-P CTCP125-P / **CTCK120**	 0,50–5,00	0,12–0,40	CN.. DN.. SN.. TN.. VN.. WN..
-TMQ ▲ Wiper geometry ▲ Light to medium rough machining ▲ Very high feeds ▲ High surface quality	 **M**	**CTCP115-P** CTCP125-P CTCP125-P	**CTCP125-P** CTCP125-P CTCP125-P	 0,80–6,00	0,20–0,85	CN.. DN.. WN..
-M70 ▲ 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 **CTCK110 / CTCK120** / CTCP115-P / CTCP125-P	CTCP115-P / **CTCP125-P** CTCP125-P **CTCK120** / CTCP125-P	**CTCP125-P / CTCP135-P** CTCP135-P CTCP125-P / **CTCK120**	 1,50–4,50	0,20–0,80	CN.. DN.. SN.. TN.. WN..
-NMA ▲ Rough machining ▲ Stable cutting edge ▲ For short-chipping materials ▲ First choice for grey cast iron	 **R**	**CTCK110**	**CTCK110 / CTCK120**	**CTCK120**	 1,50–4,50	0,20–0,80	CN.. DN.. SN.. TN.. WN..
-R28 ▲ 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 CTCP115-P	**CTCP115-P / CTCP125-P / CTCP135-P** CTCP125-P / CTCP135-P CTCP125-P	**CTCP135-P** CTCP135-P CTCP135-P	 1,00–12,00	0,25–0,80	CN.. DN.. SN..

Standard chip breakers / application notes

Negative

Model	Smooth cut ○	Irregular cutting depth ○	Interrupted cut ○	Sectional illustration a_p mm	Sectional illustration f mm	Geometry
Main application steel and cast iron, secondary application stainless steels						
-R58 ▲ Single sided roughing geometry ▲ Longitudinal and face turning ▲ Light interrupted cut ▲ Low cutting forces ▲ Unstable machines						
R	**CTCP115-P / CTCP125-P**	**CTCP115-P / CTCP125-P / CTCP135-P**	**CTCP135-P**			CN.. DN.. SN.. TN..
	CTCP115-P / CTCP125-P	CTCP125-P / CTCP135-P	CTCP135-P			
	CTCP115-P	CTCP115-P / CTCP125-P	CTCP125-P			
				1,50–12,00	0,30–1,20	
-R88 ▲ Single sided roughing geometry ▲ Longitudinal and face turning ▲ High feedrate ▲ Large depths of cut ▲ Heavily interrupted cut						
R	**CTCP115-P / CTCP125-P**	**CTCP115-P / CTCP125-P / CTCP135-P**	**CTCP135-P**			SN..
	CTCP115-P / CTCP125-P	CTCP115-P / CTCP125-P	CTCP135-P			
	CTCP115-P	CTCP115-P / CTCP125-P	CTCP125-P			
				3,50–16,00	0,50–1,50	

Negative

Model	Smooth cut ○	Irregular cutting depth ○	Interrupted cut ○	Sectional illustration a_p mm	Sectional illustration f mm	Geometry
Main application stainless steels, secondary application steel and super alloys						
-F30 ▲ Finishing of stainless steels ▲ Continous cut ▲ High surface quality ▲ Good swarf control						
F	CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130			CN.. DN.. SN.. TN.. VN.. WN..
	CTCM120 / CTPM125	**CTCM120 / CTPM125 / CTCM130**	**CTCM130**			
				0,08–2,5	0,10–0,35	
-M30 ▲ Option for stainless steel machining ▲ Good swarf control ▲ Little edg build up ▲ Low cutting forces ▲ Little built-up edge ▲ Applicable on unstable machines						
F M	CTCM120 / CTPM125	CTCM120 / CTPM125 / CTCM130	CTCM130			CN.. DN.. SN.. TN.. VN.. WN..
	CTCM120 / CTPM125	**CTCM120 / CTPM125 / CTCM130**	**CTCM130**			
				1,00-4,50	0,15-0,40	
-42 ▲ Extremely soft-cutting chip breaker ▲ For small and medium widths of cut ▲ Suitable for thin-walled parts						
M			CTCM130			CN..
			CTCM130			
			CTCM130			
				0,50–4,50	0,05–0,35	
-M42 ▲ For medium machining on stainless steels ▲ As a secondary application for general steels and super alloys						
M			CTCM130			DN.. SN.. TN.. WN..
			CTCM130			
			CTCM130			
				1,00–3,50	0,15–0,40	

9

Standard chip breakers / application notes

Negative

Main application super alloys, secondary application stainless steels

Model	Smooth cut	Irregular cutting depth	Interrupted cut	Sectional illustration a_p mm	Sectional illustration f mm	Geometry
-M60 ▲ Light to medium roughing ▲ Stable cutting edge ▲ Interrupted cut ▲ Forged skin and cast crust	CTCM120 / CTPM125 **CTCM120 / CTPM125**	CTCM120 / CTPM125 / CTCM130 **CTCM120 / CTPM125 / CTCM130**	CTCM130 **CTCM130**	1,50–6,00	0,25–0,50	CN.. DN.. SN.. TN.. WN..
M **R**						
-F34 ▲ Stable, positive cutting edge ▲ Also for slightly interrupted cuts	CTPX710 **CTPX710**	CTPX710 **CTPX710**		0,50–2,50	0,08–0,25	CN.. WN..
F	CTPX710 **CTPX710**	CTPX710 **CTPX710**				
-M34 ▲ First choice for superalloys ▲ Light cutting geometry ▲ Little built-up edge ▲ Low cutting forces	**CTPX710** **CTPX710**	**CTPX710** **CTPX710**		0,80–3,0	0,10–0,30	CN.. DN.. SN.. VN.. WN..
M	CTPX710 **CTPX710**	CTPX710 **CTPX710**				
-M42 ▲ For medium machining on stainless steels ▲ As a secondary application for general steels and super alloys	**CTCM130**	**CTCM130**	**CTCM130**	1,0–3,50	0,15–0,40	CN.. DN..
M	**CTPX710**	**CTPX710**				

Positive

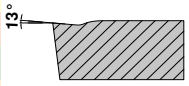
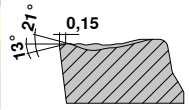
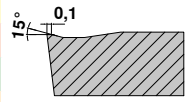
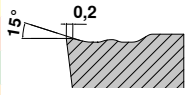
Main application steel and cast iron, secondary application stainless steels and super alloys

Model	Smooth cut	Irregular cutting depth	Interrupted cut	Sectional illustration a_p mm	Sectional illustration f mm	Geometry
-CF05 ▲ Fine finishing ▲ For all common steel materials, stainless steels and GGG ▲ Good swarf control ▲ High surface quality	**CTEP110 / TCM407** CTEP110	TCM10 / TCM407		0,20–1,30	0,06–0,25	CC.. DC.. SC.. TC.. VC..
F	CTEP110	TCM10 / TCM407				
-SF ▲ Finishing / contour turning ▲ Good swarf control ▲ High surface quality ▲ Low cutting forces	**CTCP115-P**	**CTCP125-P**	CTCP125-P / CTCP135-P CTCP125-P	0,05–2,50	0,05–0,25	CC.. DC.. SC.. TC.. VC.. WC..
F		CTCP125-P				
-CF55 ▲ Finishing to medium machining ▲ Suitable for general and stainless steels ▲ Low cutting forces ▲ Good swarf control ▲ High surface quality	**CTEP110** CTEP110	**TCM10** / CTEP110 CTEP110		0,20–1,30	0,06–0,25	CC.. DC.. SC.. TC.. VC..
F **M**	CTEP110	CTEP110				

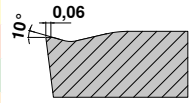
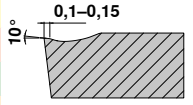
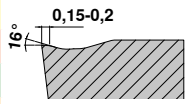
Standard chip breakers / application notes

Positive

Main application steel and cast iron, secondary application stainless steels and super alloys

Model	Smooth cut ○	Irregular cutting depth ○	Interrupted cut ○	Sectional illustration	a_p mm	f mm	Geometry
-SMF ▲ Finishing to medium machining ▲ Low cutting forces ▲ Good swarf control ▲ High surface quality	**CTEP110 / CTCP115-P** CTEP110 CTEP110	**TCM10 / CTCP125-P / CTCP115-P** CTCP135-P	**CTCP135-P** CTCP135-P		0,20–1,30	0,06–0,25	CC.. DC.. SC.. TC.. VC..
-M23 ▲ Soft cutting geometry with outstanding chip breaking behaviour at low cutting depths in finish machining	**CTCP115-P / CTCP125-P** CTCP115-P / CTCP125-P	**CTCP125-P** CTCP125-P	**CTCP125-P** CTCP125-P		0,30–4,0	1,0–0,45	RC..
-SM ▲ Medium machining ▲ Universal application ▲ Stable cutting edge ▲ Varying depths of cut ▲ Wide range of applications	**CTCP115-P / CTCP125-P** CTCP115-P / **CTCK110 / CTCK120**	**CTCP125-P / CTCP135-P / CTCP115-P** CTCP135-P CTCP125-P / **CTCK110 / CTCK120**	**CTCP125-P / CTCP135-P** CTCP135-P CTCK120		0,05–5,00	0,15–0,45	CC.. DC.. RC.. SC.. TC.. VC..
-SMQ ▲ Positive wiper geometry ▲ Finishing to medium machining ▲ Very high feeds ▲ High surface quality	**CTCP115-P** CTCP125-P / CTCP115-P	**CTCP125-P** CTCP125-P	**CTCP125-P** CTCP125-P		1,00–4,00	0,15–0,45	CC.. DC..

Positive

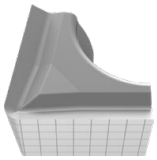
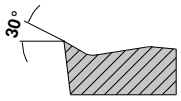
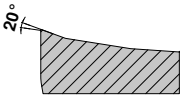
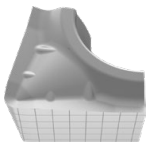
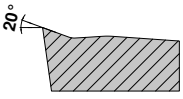
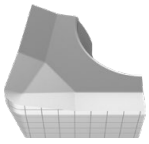
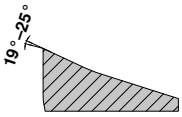
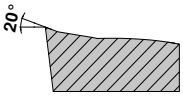
Model	Smooth cut ○	Irregular cutting depth ○	Interrupted cut ○	Sectional illustration	a_p mm	f mm	Geometry
-F43 ▲ For the light to medium machining of all stainless steels, general steels and superalloys			CTCM130 **CTCM130** CTCM130		0,50–2,50	0,05–0,25	CC.. DC.. TC..
-M25 ▲ First choice for medium machining of stainless steels ▲ High surface quality ▲ Little built-up edge	CTCM120 / CTPM125 **CTCM120 / CTPM125**	CTCM120 / CTPM125 / CTCM130 **CTCM120 / CTPM125 / CTCM130**	CTCM130 **CTCM130**		0,40–3,20	0,10–0,30	CC.. DC.. TC.. VC..
-M55 ▲ 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**	CTCM120 / CTPM125 / CTCM130 **CTCM120 / CTPM125 / CTCM130**	CTCM130 **CTCM130**		0,40–4,80	0,06–0,35	CC.. DC.. SC.. TC.. VC..

9

Standard chip breakers / application notes

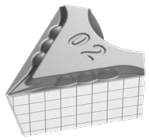
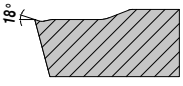
Positive

Main application non-ferrous metals, secondary application stainless steels, steels, super alloys, cast iron

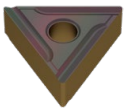
Model	Smooth cut	Irregular cutting depth	Interrupted cut	Sectional illustration a_p mm	Sectional illustration f mm	Geometry
-23P ▲ Low adhesion ▲ Good chip control with soft aluminium alloys						
	H216T	H216T				CC.. DC..
	H216T	**H216T**	**H216T**			
F	H216T	H216T	H216T	0,2–4,0	0,05–0,3	
-25P ▲ Sharp cutting edge ▲ Good swarf control on soft aluminium alloys ▲ Low adhesion	**CTPX710**	CTPX710				
	**CTPX710**	CTPX710				CC.. DC.. SC.. VC..
	CTPX710 / H216T	**CTPX710 / H216T**	**CTPX710 / H216T**			
F **M**	**CTPX710**	CTPX710		0,50–4,50	0,05–0,60	
	CTPX710	CTPX710				
-25Q ▲ Wiper geometry ▲ High feeds ▲ High surface quality ▲ Good chip control with softer aluminium alloys ▲ Low adhesion	**CTPX710**	CTPX710				
	**CTPX710**	CTPX710				CC.. DC.. VC..
	H210T	H210T				
	H210T / CTPX710	**H210T / CTPX710**	**H210T / CTPX710**			
M	H210T / **CTPX710**	H210T / CTPX710		0,05–6,50	0,05–0,60	
	H210T	H210T	H210T			
-27 ▲ The universal Alu geometry ▲ Sharp cutting edge ▲ Extremely positive rake angle ▲ Low adhesion ▲ High feed rates	**CTPX715**	CTPX715				
	**CTPX715**	CTPX715				CC.. DC.. RC.. SC.. TC.. VC..
	CTPX715 / H216T	CTPX715 / H216T				
	CTPX715 / H216T	**CTPX715 / H216T**	**CTPX715 / H216T**			
M **R**	**CTPX715**	CTPX715		1,00–10,00	0,10–0,75	
	CTPX715 / H216T	CTPX715 / H216T	CTPX715 / H216T			
-29 ▲ Direct sintered aluminium geometry ▲ Positive rake angle ▲ Good chip control ▲ For medium to rough machining	CTPX710	CTPX710				
	CTPX710	CTPX710				CC.. DC.. VC..
	CTPX710	**CTPX710**				
	H216T	**H216T**	**H216T**			
M **R**	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

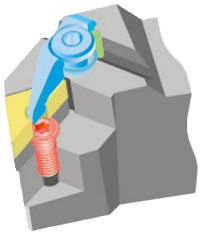
Model	Smooth cut	Irregular cutting depth	Interrupted cut	Sectional illustration a_p mm	Sectional illustration f mm	Geometry
-F05 ▲ Maximum tolerance class ▲ Outstanding chip control, even with the smallest cutting depths ▲ Very low cutting forces	**CTPX710**	CTPX710				
	**CTPX710**	CTPX710				DC.. VC..
	CTPX710	CTPX710				
	CTPX710	**CTPX710**				
	CTPX710	**CTPX710**				
F	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 **CTCK110**	**CTCP125-P** CTCP135-P **CTCK120**	**CTCP135-P** CTCP135-P 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

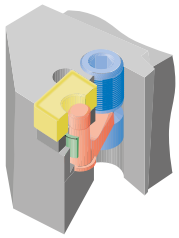
MaxiLock D



- 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.

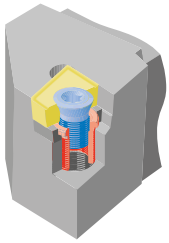
MaxiLock N



- 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

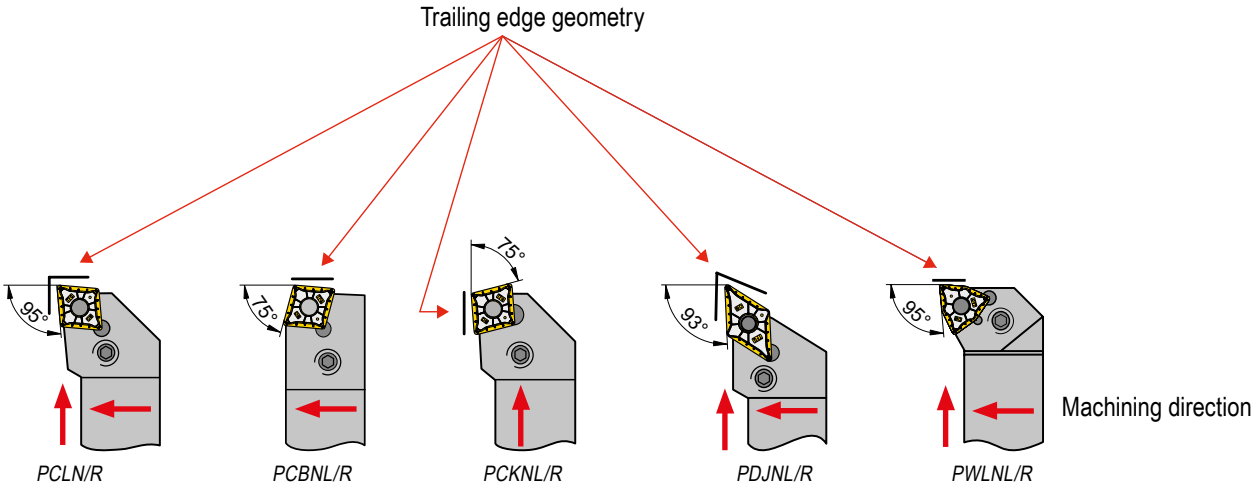


- Clamping element
- Inserts
- Insert seat
- Threaded sleeve

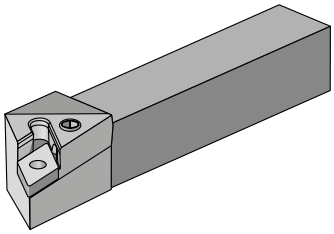
The positive screw clamping guarantees a secure connection between the indexable insert and the tool holder. The chip flow is not disrupted by protruding clamping elements. Thanks to the neutral insert position, the effective available rake angle is identical to the rake angle of the indexable insert.

Trailing edge geometry – information

High-quality surfaces can be produced inexpensively using indexable inserts with wiper geometry (-TFQ; -TMQ; -SMQ; -25Q).

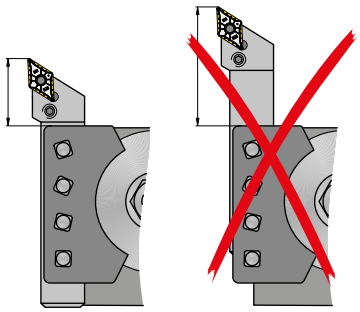


All turning inserts with trailing edge are clamped in standard ISO tool holders

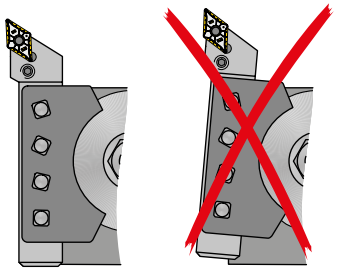


Check toolholder:

- ▲ Insert seat
- ▲ Shim
- ▲ Clamping Lever



Short tool overhang



Ensure correct tool alignment

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_ε 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	$R_{th}63$	12,5–25	N11	25	0,22*	0,32*	0,45*	0,63	0,78	0,9	1,1
40–63	$R_{th}40$	6,3–12,5	N10	12,5	0,18*	0,25*	0,36	0,51	0,62	0,72	0,88
31,5–40	$R_{th}31,5$	4,9–6,3	N9	6,3	0,16*	0,22*	0,32	0,45	0,55	0,63	0,78
25–31,5	$R_{th}25$	4,0–4,9			0,14*	0,2*	0,28	0,4	0,49	0,57	0,69
16–25	$R_{th}16$	2,5–4,0	N8	3,2	0,11*	0,16	0,23	0,32	0,39	0,45	0,55
10–16	$R_{th}10$	1,6–2,5			0,09	0,13	0,18	0,25	0,31	0,36	0,44
6,3–10	$R_{th}6,3$	1,0–1,6	N7	1,6	0,07	0,1	0,14	0,2	0,25	0,28	0,35
4–6,3	$R_{th}4$	0,8–1,0	N6	0,8	0,06	0,08	0,11	0,16	0,2	0,23	0,28
2,5–4	$R_{th}2,5$	0,4–0,8	N5	0,4	0,04	0,06	0,09	0,13	0,15	0,18	0,22
1,6–2,5	$R_{th}1,6$	0,2–0,4	N4	0,2	0,04	0,05	0,07	0,1	0,12	0,14	0,18
1–1,6	$R_{th}1$	0,1–0,2	N3	0,1	0,03	0,04	0,06	0,08	0,1	0,11	0,14

*Please ensure that the feed rate values used do not exceed the corner radius (RE).

Trailing edge geometry – operating principle

Relationship of feed rate to surface roughness

Improved Surface Quality

Given identical feed rates, the indexable insert with wiper geometry attains an R_t value that is many times better than a conventional indexable insert.

Shorter machining time

If the same R_t value is achieved as with a standard indexable insert, the indexable insert with the wiper geometry can be moved at twice the feed speed **(= lower cycle times!)**

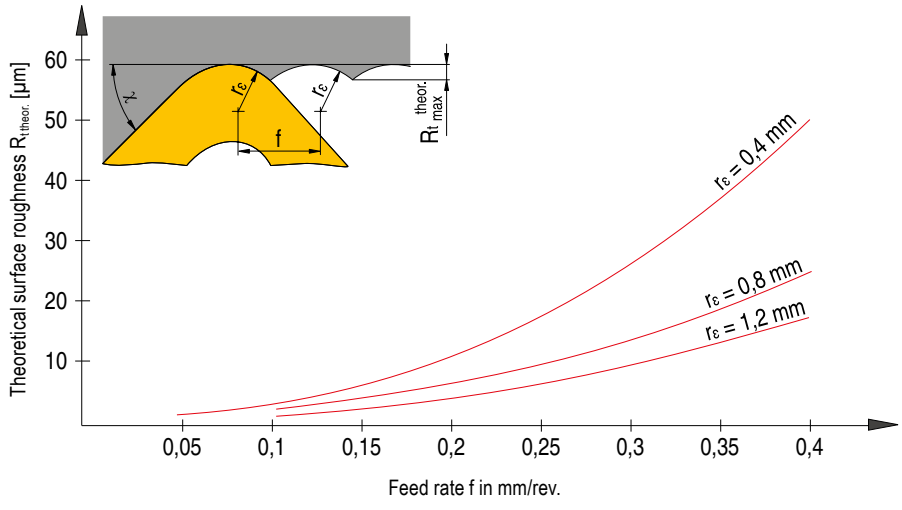
Theoretical Surface Quality

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

$$Rt_{theor.} = \left(r_\varepsilon - \sqrt{r_\varepsilon^2 - \frac{f^2}{4}}\right) \cdot 1000$$

or approximately:

$$Rt_{theor.} = \frac{125 \cdot f^2}{r\varepsilon} \quad [\mu m]$$



9

ISO designation system for inserts

Indexable inserts – metric

C	N	M	G	12	04	08	E	N	-	M50
1	2	3	4	5	6	7	8	9		13

Indexable inserts – inch

C	N	M	G	4	3	2	E	N	-	M50
1	2	3	4	5	6	7	8	9		13

Indexable inserts, CBN, ceramic – metric

C	N	G	A	12	04	08	S	N	-	020D	_	B	3	-	Q
1	2	3	4	5	6	7	8	9		10		11	12		13

Indexable inserts, CBN, ceramic – inch

C	N	G	A	4	3	2	S	N	-	020D	_	B	3	-	Q
1	2	3	4	5	6	7	8	9		10		11	12		13

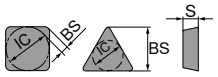
1 Insert shape

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°	

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.		

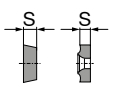
3 Tolerances



	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



		Code	
mm	inch	mm	inch
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

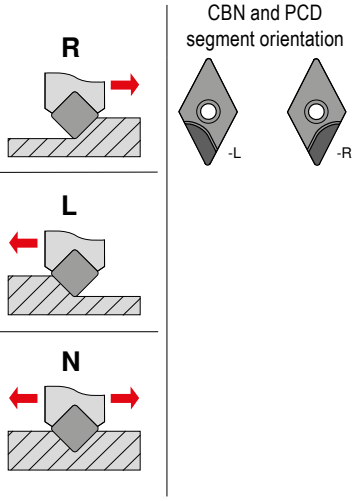
7 Corner radius

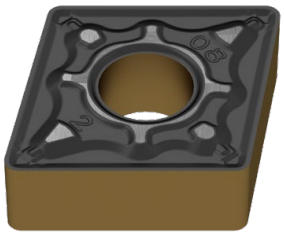
		Code		RN 00 RC MO
mm	inch	mm	inch	
≤ 0,05	.0015	00	X0	
0,1	.004	01	0	
0,2	.008	02	.5	
0,4	1/64	04	1	
0,8	1/32	08	2	
1,2	3/64	12	3	
1,6	1/16	16	4	
2,0	5/64	20	5	
2,4	3/32	24	6	
2,8	7/64	28	7	
3,2	1/8	32	8	

8 Cutting edge

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

9 Direction of cut





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 mm	L inch	IC mm	IC 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

Type	ISO	ANSI	L mm	L inch	IC mm	IC inch
T	06	1.2	6,9	.272	3,97	.156
	09	1.8	9,6	.378	5,56	.219
	11	2	11,0	.433	6,35	.250
	16	3	16,5	.650	9,525	.375
	22	4	22,	.079	12,70	.039
	27	5	27,5	1.083	15,875	.625
	33	6	33,0	1.299	19,05	.750
W	06	3	6,5	.256	9,525	.375
	08	4	8,7	.331	12,70	.039
	10	5	10,9	.429	15,875	.625
R	06	2	6,35	.250	6,35	.250
	08	-	8,0	.315	8,0	.315
	09	3	9,52	.375	9,52	.375
	10	-	10,0	.394	10,0	.394
	12*	-	12,0	.472	12,0	.472
	12	4	12,7	.488	12,70	.488
	15	5	15,875	.625	15,875	.625
	16	-	16,0	.630	16,0	.630
	19	6	19,05	.750	19,05	.750
	25	8	25,0	.984	25,0	.984
	25*	-	25,4	1.000	25,4	1.000
	31	10	31,75	1.250	31,75	1.250
	32	-	32,0	1.260	32,0	1.260

* inch version

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°

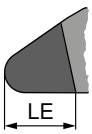
1) Two letters are assigned for double-chamfered cutting edges
e.g. BE =
chamfer angle 1 (y_1) = 10°
chamfer angle 2 (y_2) = 25°

11 Number of cutting edges

Single sided		Complete insert thickness	
A		T	
B		U	
C		V	
D		W	
G		X	
H		Y	

Double sided		Entire clamping flat	
K		S	
L		F	
M		E	
N			
P			
Q			

12 Segment length



Approx. specification in mm

13 Chip breaker designation

You can find a comprehensive chip breaker overview on
→ **page 211–217**

9

ISO designation system for tool holders

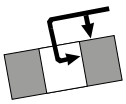
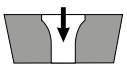
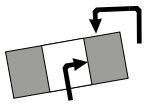
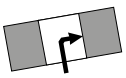
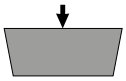
	P	C	L	N	R	20	20	K	12	-	T
	1	2	3	4	5	6	7	8	9		10
UT50	-	P	C	L	N	R			-12		
0		1	2	3	4	5	6	7	8	9	10
HSK-T63	-	D	C	L	N	R			-12		
0		1	2	3	4	5	6	7	8	9	10

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

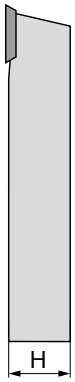
1 Tool holder

D  Retained from above and via bore	**S**  Retained via centre screw
M  Retained from above and via bore	**P**  Retained via the bore
C  Retained from above	**X** Special version

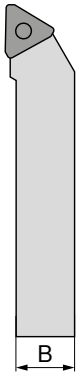
2 Insert shape

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 Shank height

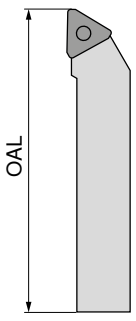


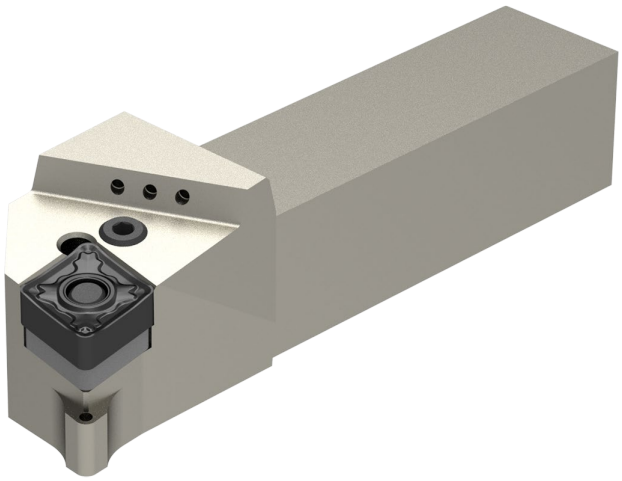
7 Shank width



8 Tool length

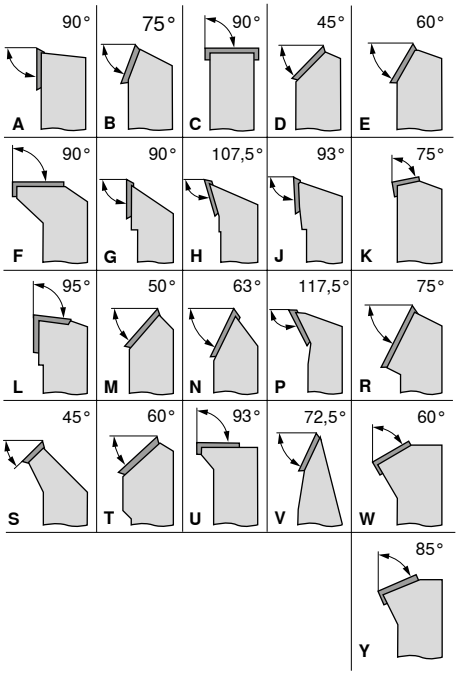
OAL mm	OAL inch		OAL mm	OAL inch	
32	4.000	**A**	160	4.500	**N**
40	4.500	**B**	170	5.500	**P**
50	5.000	**C**	180	–	**Q**
60	6.000	**D**	200	6.000	**R**
70	7.000	**E**	250	7.000	**S**
80	8.000	**F**	300	8.000	**T**
90	5.500	**G**	350	5.500	**U**
100	5.625	**H**	400	3.500	**V**
110	5.300	**J**	450	3.500	**W**
125	14.000	**K**	500	3.750	**Y**
140	6.800	**L**	Special version		**X**
150	4.400	**M**			





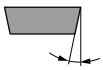
3

Style



4

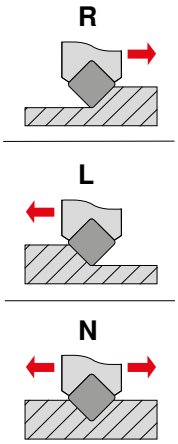
Clearance angle



	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.		

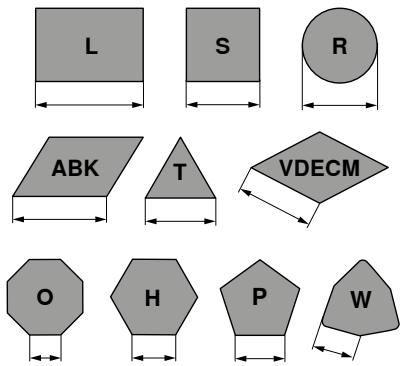
5

Direction of cut



9

Cutting length



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

		A	25	R		P	C	L	N	R	12	
		1	2	3		4	5	6	7	8	9	10
UT40	-		25	G	-	P	C	L	N	R	- 12	
0		1	2	3		4	5	6	7	8	9	10
HSK-T63	-		50	Q	-	D	C	L	N	R	- 12	
0		1	2	3		4	5	6	7	8	9	10

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

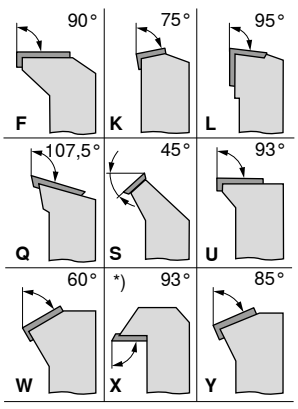
1 Shank type

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

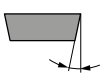
V	35°	Included angle	
D	55°		
E	75°		
C	80°		
M	86°		
K	55°	Included angle	
B	82°		
A	85°		
L	90°	Other shapes	
P	108°		
H	120°		
O	135°		
R	-		
S	90°		
T	60°		
W	80°		

6 Style



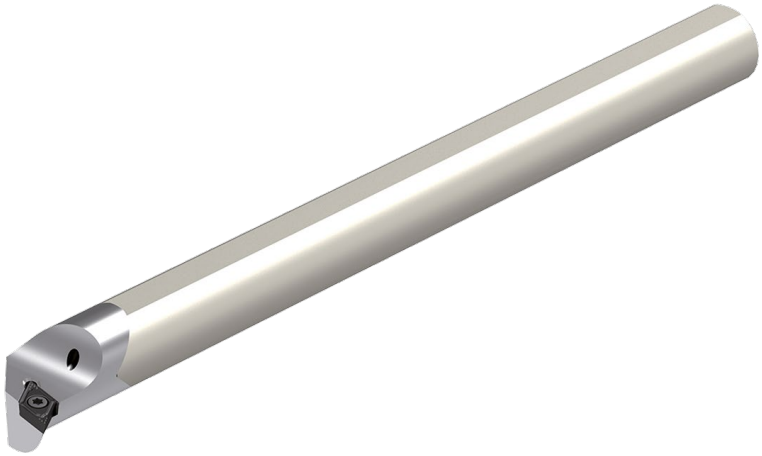
*) CERATIZIT factory standard

7 Clearance angle



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

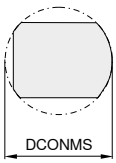
O Clearance angles not included within the standard for which particular information is necessary.



2

Shank type & size

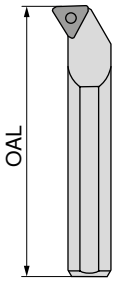
DCONMS mm	DCONMS inch
08	A two-digit figure indicating the boring bar diameter in 1/16 of an inch.
10	
12	
16	
20	
25	
32	
40	
50	
60	



3

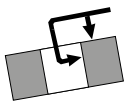
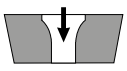
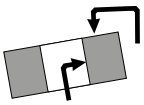
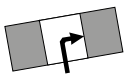
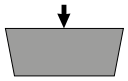
Tool length

OAL mm	OAL 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

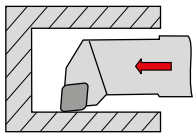
D  Retained from above and via bore	S  Retained via centre screw
M  Retained from above and via bore	P  Retained via the bore
C  Retained from above	X Special version

9

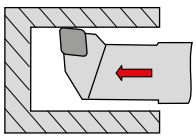
8

Direction of cut

R

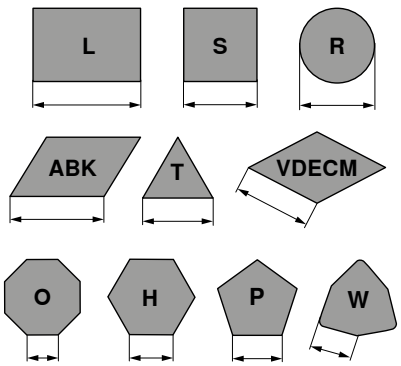


L



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

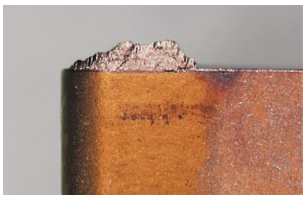
Plastic deformation

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

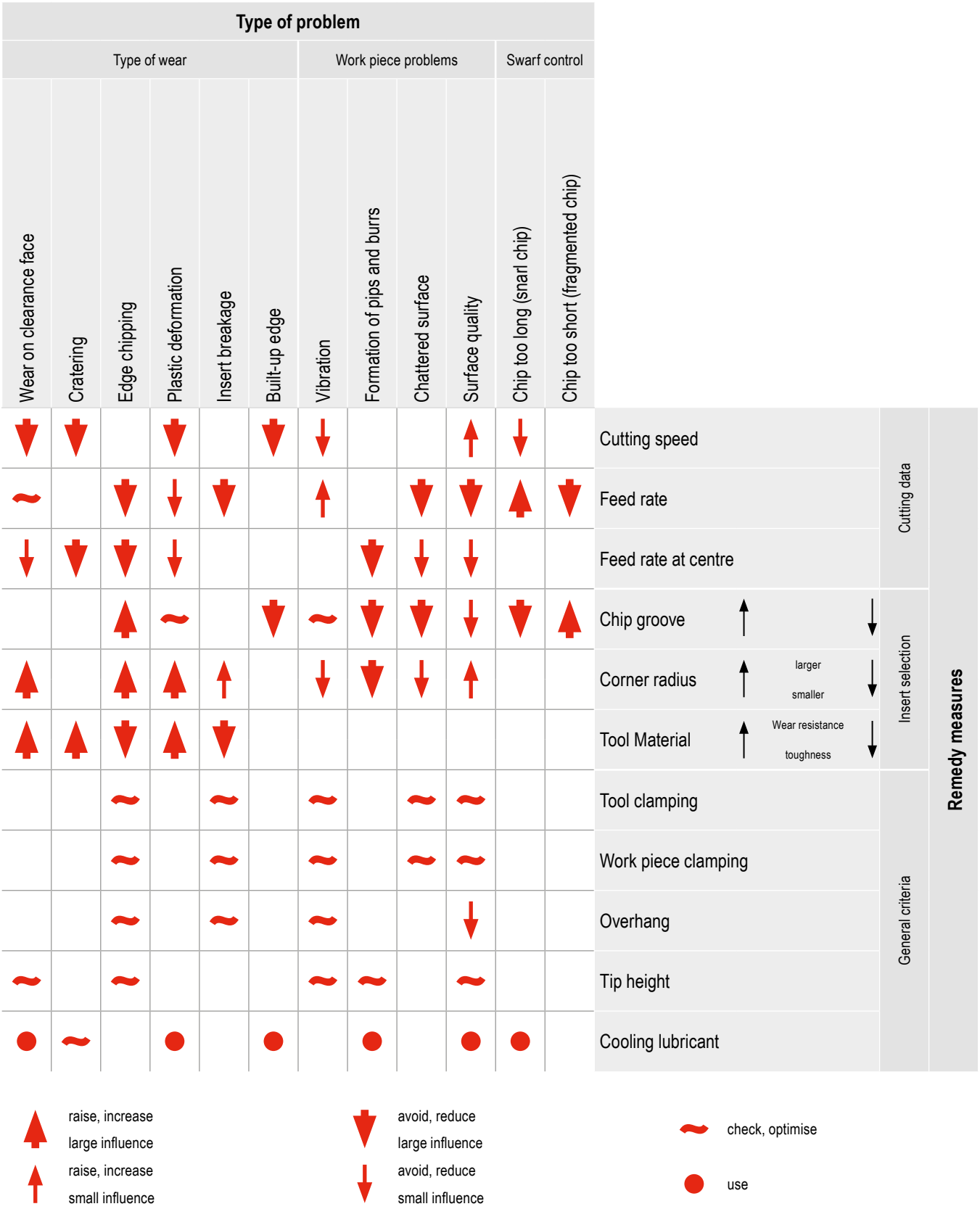
Insert breakage

Excessive stress of the insert causes breakage.

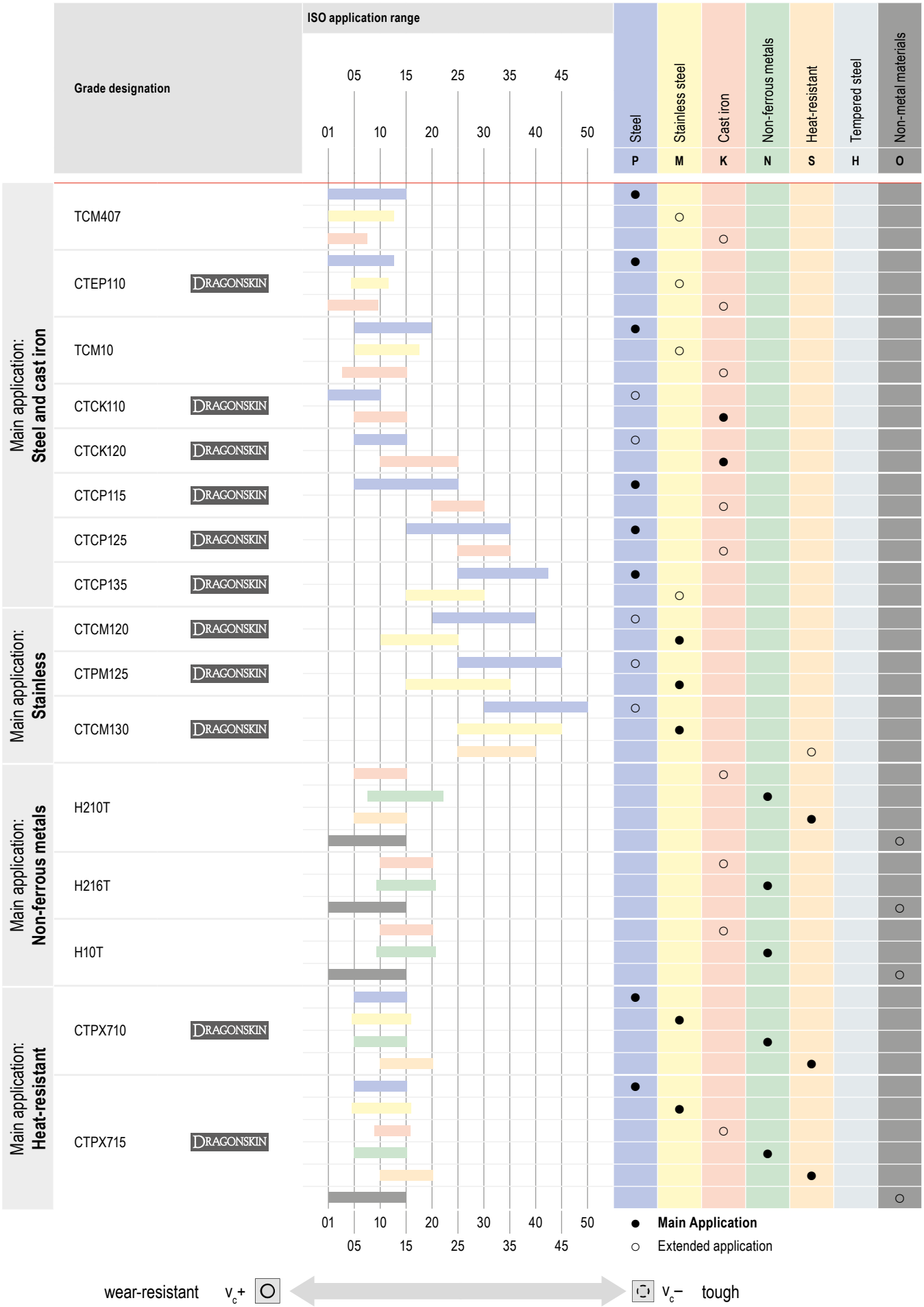
Cause
- Excessive stress of cutting material
- Lack of stability
- Clearance angle too small

Remedy
- Use tougher grade
- Use protective edge chamfer
- Increase edge hone
- Use geometry with higher stability

Recommendation for Optimum Results



Grades Overview



Grade description

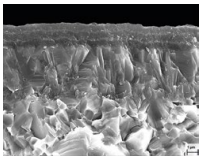
TCM407

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.

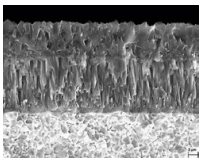
TCM10

P15 | K10

Specification:
Composition: Cermet Co/Ni 12,2%; WC 15,0%; TaNbC 10,0%; TiCN balance | Grain size: 2-3 µm | Hardness: HV_{30} 1650

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

CTCK110

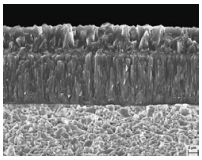


ISO | P10 | **K10**

Specification:
Composition: Co 5.0%, mixed carbides 2.0%, WC balance | Grain size: 1-2 µm | Hardness: HV30 1730 | Layer system: CVD TiCN-Al2O3

Usage recommendation:
The wear-resistant grade for machining cast iron materials and steels at high cutting speeds with a continuous cut.

CTCK120

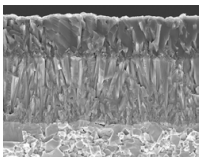


ISO | P20 | **K20**

Specification:
Composition: Co 6.0%, mixed carbides 2.0%, WC balance | Grain size: 1 µm | Hardness: HV_{30} 1630 | Layer system: CVD TiCN-Al_2O_3

Usage recommendation:
The grade for cast iron machining with high toughness reserves for difficult conditions and interrupted cuts.

CTCP115-P

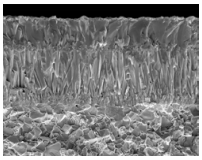


ISO | **P15** | K25

Specification:
Composition: Co 5.5%; mixed carbides 6.4%; WC balance | Grain size: 1 µm | Hardness: HV_{30} 1530 | Layer system: CVD TiCN-Al_2O_3

Usage recommendation:
The wear-resistant high-performance grade for steel machining with stable conditions and a continuous cut.

CTCP125-P

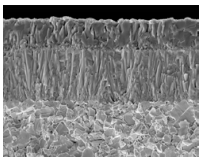


ISO | **P25** | K30

Specification:
Composition: Co 7.0%, mixed carbides 6.0%, WC balance | Grain size: 1-2 µm | Hardness: HV_{30} 1500 | Layer system: CVD TiCN-Al_2O_3

Usage recommendation:
The first choice for the universal machining of steels.

CTCP135-P



ISO | **P35** | M25

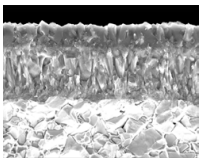
Specification:
Composition: Co 9.6%, mixed carbides 7.8%, WC balance | Grain size: 1-2 µm | Hardness: HV_{30} 1460 | Layer system: CVD TiCN-Al_2O_3

Usage recommendation:
The tough alternative for extremely interrupted cutting conditions.

9

Grade description

CTCM120

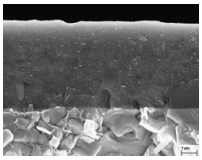


ISO | P15 | **M20**

Specification:
Composition: Co 7%, mixed carbides 6%, WC balance | Grain size: 1-2 µm | Hardness: HV_{30} 1500 | Layer system: CVD TiCN-Al_2O_3

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

CTPM125

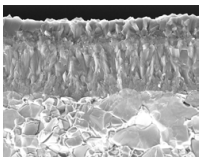


ISO | P35 | **M25**

Specification:
Composition: Co 9.6%; mixed carbides 7.8%; others 0.4%; WC balance | Grain size: 1 - 2 µm | Hardness: HV_{30} 1460 | Coating specification: PVD TiAlTaN

Recommended application:
The first choice for the machining of austenitic steels

CTCM130

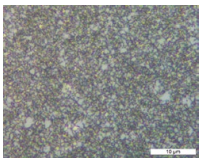


ISO | P25 | **M30** | S30

Specification:
Composition: Co 9.6%, mixed carbides 7.8%, WC balance | Grain size: 1-2 µm | Hardness: HV_{30} 1460 | Layer system: CVD TiCN-Al_2O_3

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: HV_{30} 1850

Recommended application:
The wear-resistant uncoated carbide grade for the machining of aluminium and other non-ferrous metals.

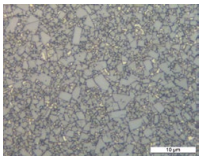
H10T

ISO | K15 | **N15** | S15 | O10

Specification:
Composition: Co 6.0%; WC balance | Grain size: 1 µm | Hardness: HV_{30} 1630

Recommended application:
The uncoated carbide grade for the machining of aluminium and other non-ferrous metals

H216T

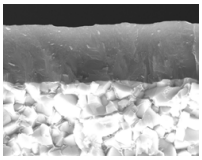


ISO | K15 | **N15** | S15 | O10

Specification:
Composition: Co 6.0%; WC balance | Grain size: 1 µm | Hardness: HV_{30} 1630

Recommended application:
The uncoated carbide grade for the machining of aluminium and other non-ferrous metals

CTPX710

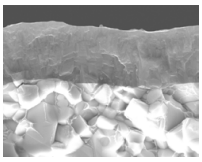


ISO | **P10 | M10** | K10 | **N10 | S15**

Specification:
Composition: Co 6.0%; WC balance | Grain size: 0.8 µm | Hardness: HV_{30} 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: HV_{30} 1650 | Layer system: PVD AlTiN

Usage recommendation:
The universal carbide grade for the most demanding machining requirements on multiple materials.

Grade description