

New products for machining technicians

NEW ABS adapters



Work with flexibility and process-security with the modular ABS coupling system for rotating and stationary tools.



Solid drilling and bore machining

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

Threading

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

Turning

- 9 Turning Tools
- 10 EcoCut
- 11 Grooving Tools
- 12 Miniature turning tools

Milling

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

Tool Clamping

- 16 Adapters
- 17 Accessories

- 18 Material examples and article no. index

Table of contents

Symbol explanation	2
Toolfinder	
Machine interface	3
Rotating toolholders	4+5
Adapters, stationary	
– HSK-T and PSC tool holders	6+7
– VDI adapters for star turrets	8
– VDI adapters for disc turrets	9
Product programme	10–223
Technical Information	
Driven Tools	224–226
Quick-Change	227+228
Technical Data DIN 69871, MAS-BT, PSC	229
Technical Data HSK-A, HSK-E	230
Technical Information for Polygon Shank Adapters	231
High Pressure Milling Chuck	232
Transmittable torques and static clamping torques	233

WNT \ Performance

Premium quality tools for high performance.

The premium quality tools from the **WNT 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.

WNT \ Standard

Quality tools for standard applications.

The quality tools of the **WNT Standard** product line are high quality, powerful and reliable and enjoy the highest trust of our customers worldwide. Tools from this product line are the first choice for many standard applications and guarantee optimal results.

Symbol explanation

Version



Without coolant supply (Form A)



Axial coolant (Form AD)



Coolant supply either via the flange, or central (Form AD / B)



With eroded cooling ducts



Adapter with two additional coolant holes

SZID = For tool size

Types



Precision collet chuck with high holding forces, suitable for all machining



Collet with pull-out protection, specifically for use with Centro-P precision collet chucks



Coated precision collet for Centro-P precision collet chuck



Specially matched adapter for ThermoGrip® shrinking process



Short drill chuck for all drilling applications



Coated collet for universal application



Collets Description
▲ Type – Version
▲ Concentricity



KOMET ABS – modular coupling system for rotating and stationary tools

Toolfinder – Machine interface

■ DIN 69871 – SK steep taper adapters



- ▲ SK 30
- ▲ SK 40
- ▲ SK 50

▶ Toolfinder – Adapters, rotating	4+5
Product programme	10–49

■ JIS B 6339 – BT steep taper adapters



MAS-BT / MAS-BT-FC with face contact

- ▲ BT 30
- ▲ BT 40
- ▲ BT 50
- ▲ BT-FC 30
- ▲ BT-FC 40
- ▲ BT-FC 50

▶ Toolfinder – Adapters, rotating	4+5
MAS-BT product range	50–83
MAS-BT-FC product range	84–92

■ HSK hollow taper adapters with face contact



ISO 12164 – HSK-A / HSK-E

- ▲ HSK-A 32
- ▲ HSK-A 40
- ▲ HSK-A 50
- ▲ HSK-A 63
- ▲ HSK-A 100
- ▲ HSK-E 25
- ▲ HSK-E 32
- ▲ HSK-E 40
- ▲ HSK-E 50

▶ Toolfinder – Adapters, rotating	4+5
HSK-A product range	93–133
HSK-E product range	134–138

ISO 12164-3 – HSK-T

- ▲ HSK-T 63
- ▲ HSK-T 100

▶ Toolfinder – Adapters, stationary	6+7
Product programme	139–156

■ ISO 26623-1 – PSC polygon hollow adapters with face contact



PSC, rotating

- ▲ PSC 32
- ▲ PSC 40
- ▲ PSC 50
- ▲ PSC 63
- ▲ PSC 80

▶ Toolfinder – Adapters, rotating	4+5
Product programme	157–173

PSC, stationary

- ▲ PSC 32
- ▲ PSC 40
- ▲ PSC 50
- ▲ PSC 63
- ▲ PSC 80
- ▲ PSC 80X

▶ Toolfinder – Adapters, stationary	6+7
Product programme	174–187

■ ISO 10889 – VDI tool holders with cylindrical shank



- ▲ VDI 16
- ▲ VDI 20
- ▲ VDI 25
- ▲ VDI 30
- ▲ VDI 40
- ▲ VDI 50

▶ Toolfinder – Adapters, stationary	8+9
Product programme	188–205
Driven Tools	224–226

Toolfinder – Adapters, rotating

									
Holder Type		Finishing	Roughing – Finishing	Roughing	DIN 69871 SK	JIS B 6339 MAS-BT MAS-BT-FC	ISO 12164 HSK-A HSK-E		ISO 26623-1 PSC
Maximum	Centro-P								
	▲ ER Precision Collet chuck		●	●	●	10-12	50-52	84	93-95 134+135 157
	▲ OZ precision collet chuck		●	●	●	13	53	96	
	High Pressure Milling Chuck		●	●	○	14-16	54-56	86	97-99 158
	Hydraulic chuck		●			17+18	57+58	87	100+101
	Heat Shrink Adapter		●	○		19-22	59+60	85	102-107 136 159+160
	Micro-Precision Collet Chuck		●					119	137
Accuracy	Cylindrical shank adapter								
	▲ Weldon			○	●	23-25	61+62	88	108-112 161
	▲ Whistle Notch			○	●	26+27	63+64	113	162
	Indexable insert drill adapter					28	65	114	163
	Collet Chuck								
	▲ ER Collet chuck		●	○		29	66	89	115-117 164+165
	▲ OZ Collet Chuck		●	○		30	67		
	NC 2010 short drill chuck					31	68	118	
	Quick change tapping chuck with minimum length compensation					32+33	69+70	120+121	166
	Quick change tap chuck with length compensation					34	71	122	167
	Quick change tap chuck without length compensation					34	71	122	
	ABS adapters					35+36	72+73	123+124	

● = Main Application

○ = Extended application

Toolfinder – Adapters, rotating

										
Holder Type		Finishing	Roughing - Finishing	Roughing	DIN 69871 SK	JIS B 6339 MAS-BT	JIS B 6339 MAS-BT-FC	ISO 12164 HSK-A	ISO 12164 HSK-E	ISO 26623-1 PSC
Accuracy Medium	Adapter for milling cutters with threaded end		○	●	37+38	74		125+126		168
	Face mill adapter		●	●	●	39	75	127		169+170
	▲ Combination shell mill adapter		●	●	●	40+41	76+77	90	128-130	
	▲ Shell mill adapter		●	●	●	42	78			
	▲ Large diameter facemill adapter		●	●	●					
	Drill chuck adapter					43	79			
	Milling adapter sleeve for Morse taper shanks with external thread		○	●		44	80			
	Taper adapter for Morse taper					45	81	131		171

Overview Accessories

							
		DIN 69871 SK	JIS B 6339 MAS-BT	JIS B 6339 MAS-BT-FC	ISO 12164 HSK-A	ISO 12164 HSK-E	ISO 26623-1 PSC
Intermediate/reducing adapter for SK adapters		46	82				
Blank		47	83		132		172
Test bar		47	83		133		173
Pull stud		48+49	91+92				
Coolant pipe/key					138		173

i Collets and quick change adapters can be found on → **Pages 206–223.**

Toolfinder – Stationary adapters – HSK-T and PSC tool holders

Toolholders for negative turning inserts

	Type	Illustration	HSK-T ISO 12164	PSC ISO 26623
	Machining			
	DCLN 95° Internal + External		139	174
	DCMN 95° External		139	
	DCMN+ DDMN External		140	
	DCMN+ DDMN External		140	
	DDUN 93° Internal + External		140	
	DDJN 93° Internal + External		141	174
	DDHN 107,5° Internal + External		141	
	DDMN 48° External		142	
	DSDN 45° External		142	
	DVMN 50° External		143	
	DWLN 95° Internal + External		143	175

Toolholders for positive turning inserts

	Type	Illustration	HSK-T ISO 12164	PSC ISO 26623
	Machining			
	SCLC 95° Internal + External		144	
	SCMC 50° External		144	
	SDJC 93° Internal + External		145	175
	SDNC 62,5° Internal + External			176
	SDMC 48° External		145	
	PRDC 0° External		146	
	PRSC Internal + External		146	
	SVUC 93° Internal + External		147	
	SVJC 93° Internal + External		147	
	SVHC 107,5° Internal + External		148	
	SVMC 50° External		148	

Multifunction tools – EcoCut

Type	Illustration	HSK-T ISO 12164	PSC ISO 26623
2,25xD		152	

Toolfinder – Stationary adapters – HSK-T and PSC tool holders

Holders for grooving and threading inserts

Type	Illustration	HSK-T ISO 12164	PSC ISO 26623
0°		153	
90°		153	

Toolholders for threading inserts

Type	Illustration	HSK-T ISO 12164	PSC ISO 26623
Internal thread			179
External thread			179

Boring bars for negative inserts

	Type	Illustration	HSK-T ISO 12164	PSC ISO 26623
	DCLN 95° CN..		149	
	DDUN 93° DN..		149	
	DWLN 95° WN..		150	

Boring bars for positive inserts

	Type	Illustration	HSK-T ISO 12164	PSC ISO 26623
	SCLC 95° CC..		151	177
	SDUC 93° DC..		151	177
	SVUC 93° VC..		152	
	SVQC 107,5°			178

Basic holder

Type	Illustration	HSK-T ISO 12164	PSC ISO 26623
Square shank holder 0°		155	180
Square shank holder 45°		155	181
Square shank holder 90°		156	180
Square shank holder 2 face 0°			181
Square shank holder 3 face 0°		155	181
Boring bar holder		156	182+183

Extension / Reduction / Adapter

Type	Illustration	HSK-T ISO 12164	PSC ISO 26623
Extension			184
Reduction			185+186

Parting blade holders

Type	Illustration	HSK-T ISO 12164	PSC ISO 26623
Parting Blade Holder GX / LX / FX / SX		154	
Radial Grooving Holders, right / left			180

Others

Protection plug			187
Hollow nose keys			187

Toolfinder – Stationary adapters – VDI adapters for star turrets



Toolholders above



Upper turret		Spindle rotation clockwise		Spindle rotation counter clockwise	
	Square Shank Adapters	B2/B3/B6/B7/C1/C2/D1/D2	188–191	B2/B3/B6/B7/C3/C4/D1/D2	188–191
	Part Off Holder	double	201	double – overhead	201
	Adapter VDI to VDI	left-hand	202	left-hand	202
	Boring bar holder	left-hand	202+203	left-hand	202+203

Lower turret		Spindle rotation clockwise		Spindle rotation counter clockwise	
	Square Shank Adapters	B2/B3/B6/B7/C3/C4/D1/D2	188–191	B2/B3/B6/B7/C1/C2/D1/D2	188–191
	Part Off Holder	double – overhead	201	double	201
	Adapter VDI to VDI	right-hand	202	right-hand	202
	Boring bar holder	right-hand	202+203	right-hand	202+203

Toolholders below

Upper turret		Spindle rotation clockwise		Spindle rotation counter clockwise	
	Square Shank Adapters	B2/B3/B6/B7/C3/C4/D1/D2	188–191	B2/B3/B6/B7/C1/C2/D1/D2	188–191
	Part Off Holder	double	201	double – overhead	201
	Adapter VDI to VDI	right-hand	202	right-hand	202
	Boring bar holder	right-hand	202+203	right-hand	202+203

Lower turret		Spindle rotation clockwise		Spindle rotation counter clockwise	
	Square Shank Adapters	B2/B3/B6/B7/C1/C2/D1/D2	188–191	B2/B3/B6/B7/C3/C4/D1/D2	188–191
	Part Off Holder	double – overhead	201	double	201
	Adapter VDI to VDI	left-hand	202	left-hand	202
	Boring bar holder	left-hand	202+203	left-hand	202+203

Toolfinder – Stationary adapters – VDI adapters for disc turrets



Upper turret	Spindle rotation clockwise	Spindle rotation counter clockwise
 Square Shank Adapters	B1/B5/C1/C2/D1 188–191	B3/B7/C3/C4/D2 188–191
 Cylindrical Shank Adapters	E/E1/E2/E3/E4 191–194	E/E1/E2/E3/E4 191–194
 Taper Adapters	F1 195	F1 195
 Part Off Holder	right-hand 196+197	overhead right 196+197
 Drill Chucks	NC 2010 198	NC 2010 198
 Tapping Chucks	GSF/GML 199	GSF/GML 199
Lower turret	Spindle rotation clockwise	Spindle rotation counter clockwise
 Square Shank Adapters	B4/B8/C3/C4/D2 188–191	B2/B6/C1/C2/D1 188–191
 Cylindrical Shank Adapters	E/E1/E2/E3/E4 191–194	E/E1/E2/E3/E4 191–194
 Taper Adapters	F1 195	F1 195
 Part Off Holder	overhead left 196+197	left-hand 196+197
 Drill Chucks	NC 2010 198	NC 2010 198
 Tapping Chucks	GSF/GML 199	GSF/GML 199

Accessories

	Bar stop	198
	Test arbors	200
	Tool holders	200+201

	Bar pullers	204
	Gripper accessories	205
	Protection plug	205

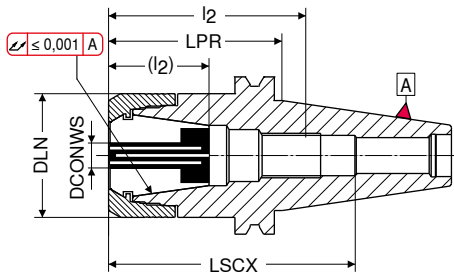
ER Precision Collet chuck

- ▲ For standard or sealed nuts
- ▲ Maximum size collet to ISO tolerance field H10
- ▲ For clamping a roll key is required
- ▲ $p_{\max} = 80$ bar

Scope of supply:

Holder **without** nut, **without** backstop

Centro-P



AD
G 2,5 $n_{\max}$ 25000
Y8



AD/B
G 2,5 $n_{\max}$ 25000
Y8

Adapter	DCONWS	LPR	DLN	LSCX	l_2 (l_2)	for collet	Article no. 84 424 ...	Article no. 84 414 ...
	mm	mm	mm	mm	mm		£	£
SK 30	2 - 16	70	40	66	35 - 49 (18 - 31)	430E (ER25)	222.46	016
SK 30	2 - 20	70	50	75	50 - 75 (29 - 40)	470E (ER32)	222.46	020
SK 40	1 - 10	70	30	110	28 - 45 (16 - 31)	426E (ER16)	183.78	102
SK 40	1 - 10	100	30	140	28 - 45 (16 - 31)	426E (ER16)	226.33	103
SK 40	1 - 10	130	30	140	28 - 50 (14 - 34)	426E (ER16)		228.86 510
SK 40	1 - 10	160	30	200	28 - 45 (16 - 31)	426E (ER16)		252.58 910
SK 40	2 - 16	45	40	85	35 - 60 (20 - 42)	430E (ER25)		207.84 816
SK 40	2 - 16	70	40	110	35 - 60 (20 - 42)	430E (ER25)	169.83	162
SK 40	2 - 16	100	40	113	35 - 60 (20 - 42)	430E (ER25)	226.33	163
SK 40	2 - 16	130	40	140	38 - 67 (21 - 49)	430E (ER25)		248.72 516
SK 40	2 - 16	160	40	118	35 - 60 (20 - 42)	430E (ER25)		262.03 916
SK 40	2 - 16	200	40	148	35 - 60 (20 - 42)	430E (ER25)		439.02 917
SK 40	2 - 20	50	50	85	52 - 70 (26 - 52)	470E (ER32)	223.43	201
SK 40	2 - 20	70	50	111	55 - 75 (42 - 62)	470E (ER32)	158.50	202
SK 40	2 - 20	100	50	114	52 - 70 (32 - 52)	470E (ER32)	226.33	203
SK 40	2 - 20	130	50	114	50 - 74 (36 - 55)	470E (ER32)		248.72 620
SK 40	2 - 20	160	50	119	52 - 70 (32 - 52)	470E (ER32)		262.03 920
SK 40	3 - 26	70	63	105	48 - 55	472E (ER40)	254.51	261 ¹⁾
SK 40	3 - 26	100	63	120	48 - 62	472E (ER40)	325.10	262 ¹⁾
SK 50	1 - 10	70	30	100	28 - 45 (16 - 35)	426E (ER16)	353.44	106
SK 50	1 - 10	100	30	130	28 - 55 (16 - 41)	426E (ER16)	424.18	107
SK 50	1 - 10	160	30	190	28 - 55 (16 - 41)	426E (ER16)	650.20	108
SK 50	2 - 16	70	40	120	35 - 64 (20 - 48)	430E (ER25)	353.44	166
SK 50	2 - 16	100	40	150	35 - 64 (20 - 48)	430E (ER25)	424.18	167
SK 50	2 - 20	70	50	120	59 - 85 (40 - 70)	470E (ER32)		377.33 320
SK 50	2 - 20	100	50	150	53 - 81 (35 - 63)	470E (ER32)		425.71 520
SK 50	2 - 20	160	50	200	53 - 83 (35 - 65)	470E (ER32)		693.43 720
SK 50	3 - 26	70	63	120	48 - 60	472E (ER40)	381.77	266

1) Non standard groove before tool change collar not according to DIN, not suitable for automatic tool change

→ Transmittable torque moments, page 233



LSCX = Clamping depth without back stop screw for shanks

l_2 = With back stop screw 1, Dimension in brackets () = With back stop screw 2

Dimension LPR when using tightening nuts with seals 3 mm longer

Spare parts, ER precision collet chuck

	Y8  Lock nut IK		Y8  Lock nut		Y8  Stop screw 2		Y8  Stop screw 1			
Spare parts	Article no. 84 950 ...		Article no. 84 950 ...		Article no. 83 950 ...		Article no. 83 950 ...			
for collet	£		£		£		£			
426E (ER16)	72.78	011	54.05	001	M11x1 - SW6	45.14	341	M11x1 - SW6	30.24	337
430E (ER25)	81.12	013	60.06	003	M18x1,5 - SW6	31.75	432	M18x1,5 - SW6	22.65	431
470E (ER32)	86.74	015	66.06	005	M22x1,5 - SW6	26.82	402	M22x1,5 - SW6	19.53	401
472E (ER40)	118.63	017	96.10	007				M28x1,5 - SW6	27.38	400

ER Precision tapered collet chuck

- ▲ For special tapered nuts
- ▲ Maximum clamping range covered according to ISO tolerance field H10
- ▲ Roll key required for clamping
- ▲ $p_{\max} = 80$ bar

Scope of supply:

Holder **without** nut, **without** backstop

Centro-P

AD/B

G 2,5 $n_{\max}$ 25000

Y8

Article no.

84 417 ...

£

Adapter	DCONWS	LPR	DLN	LSCX	l_2 (l_2) mm	for collet	ALP		
	mm	mm	mm	mm					
SK 40	1 - 10	100	24	140	28 - 48 (20 - 35)	426E (ER16)	4.5°	247.67	410
SK 40	1 - 10	160	24	200	28 - 48 (20 - 35)	426E (ER16)	2.5°	297.15	910

→ Transmittable torque moments, page 233

- i** LSCX = Clamping depth without back stop screw for shanks
 l_2 = With back stop screw 1, Dimension in brackets () = With back stop screw 2
 Dimension LPR when using tightening nuts with seals 4 mm longer

Spare parts	Y8		Y8		Y8		Y8			
										
	Tapered lock nut IK		Tapered lock nut		Stop screw 2		Stop screw 1			
	Article no. 84 950 ...		Article no. 84 950 ...		Article no. 83 950 ...		Article no. 83 950 ...			
for collet	£		£			£				
426E (ER16)	89.35	033	75.49	031	M11x1 - SW6	45.14	341	M11x1 - SW6	30.24	337

Accessories

					
ER collet	Sealing ring	Roll key	Roll key device	Pull studs	Others
→ 208–211, 213	→ 207	→ 17/36	→ 17/36	→ 48–49	→ 17/34

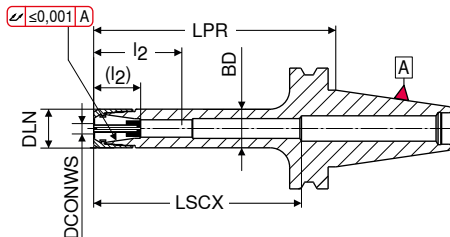
ER Precision collet chuck, slim version

- ▲ For Mini Clamping Nuts
- ▲ Maximum clamping range covered according to ISO tolerance field H10
- ▲ Roll key required for clamping
- ▲ $p_{\max}$ 80 bar

Scope of supply:

Holder **without** nut, **without** backstop

Centro-P



Adapter	DCONWS	LPR	DLN	BD	LSCX	l_2 (l_2) mm	for collet	AD G 2,5 $n_{\max}$ 25000 Y8		AD/B G 2,5 $n_{\max}$ 25000 Y8	
								Article no. 84 411 ...	£	Article no. 84 412 ...	£
SK 30	1 - 7	50	16	16	68	18 - 36 (12 - 26)	4008E (ER11)	220.16	007		
SK 30	1 - 7	100	16	16	68	18 - 36 (12 - 26)	4008E (ER11)	243.75	008		
SK 40	1 - 7	70	16	16	60	15 - 32 (7 - 22)	4008E (ER11)			231.86	207
SK 40	1 - 7	100	16	16	68	18 - 36 (12 - 26)	4008E (ER11)			239.29	407
SK 40	1 - 7	130	16	16	110	15 - 32 (7 - 22)	4008E (ER11)			309.06	607
SK 40	1 - 7	160	16	16	68	18 - 36 (12 - 26)	4008E (ER11)			322.73	907
SK 40	1 - 10	70	22	22	90	28 - 50 (14 - 36)	426E (ER16)			231.86	210
SK 40	1 - 10	100	22	22	110	28 - 50 (14 - 36)	426E (ER16)			231.86	310
SK 40	1 - 10	130	22	22	140	28 - 50 (14 - 36)	426E (ER16)			309.06	410
SK 40	1 - 10	160	22	22	170	28 - 50 (14 - 36)	426E (ER16)			309.06	510

→ Transmittable torque moments, page 233

- i** LSCX = Clamping depth without back stop screw for shanks
 l_2 = With back stop screw 1, Dimension in brackets () = With back stop screw 2
 Dimension LPR when using tightening nuts with seals 4 mm longer

	Y8		Y8		Y8		Y8			
		Mini lock nut IK		Mini lock nut			Stop screw 2		Stop screw 1	
Spare parts	Article no. 84 950 ...		Article no. 84 950 ...		Article no. 83 950 ...		Article no. 83 950 ...			
	£		£		£		£			
for collet										
4008E (ER11)			75.49	041	M8x1 - SW4	43.03	340	M8x1 - SW4	28.66	336
426E (ER16)	73.51	035	60.30	034	M11x1 - SW6	45.14	341	M11x1 - SW6	30.24	337

Accessories

ER collet	Sealing ring	Device	Roll key	Roll key device	Pull studs	Others
→ 208–211, 213	→ 207	→ 17 35	→ 17 36	→ 17 36	→ 48–49	→ 17 34

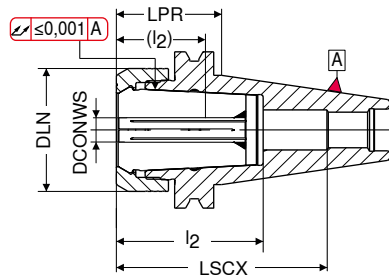
OZ Precision Collet Chuck

- ▲ Maximum clamping range covered according to ISO tolerance field H10
- ▲ Roll key required for clamping
- ▲ $p_{\max} = 80$ bar

Scope of supply:

Holder **without** nut, **without** backstop

Centro-P



AD/B
G 2,5 $n_{\max}$ 25000

Y8

Article no.
84 406 ...

£

185.57 025

358.77 725

Adapter	DCONWS	LPR	DLN	LSCX	l_2 (l_2)	for collet
	mm	mm	mm	mm	mm	
SK 40	2 - 25	43	50	80	53 - 65 (37 - 48)	462E
SK 50	2 - 25	50	50	110	55 - 66 (36 - 50)	462E

→ Transmittable torque moments, Page 233

- i** LSCX = Clamping depth without back stop screw for shanks
 l_2 = With back stop screw 1, Dimension in brackets () = With back stop screw 2
 Dimension LPR when using tightening nuts with seals 4 mm longer

Spare parts

for collet

462E

Y8



Lock nut IK

Article no.
84 950 ...

£

71.74 020

Y8



Stop screw 2

Article no.
83 950 ...

£

26.82 402

Y8



Stop screw 1

Article no.
83 950 ...

£

19.53 401

M22x1,5 - SW6

M22x1,5 - SW6

Accessories

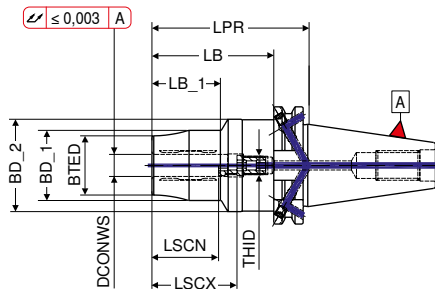
					
OZ Collet	Sealing ring	roll key	roll key device	Pull studs	Others
→ 217	→ 217	→ 17 36	→ 17 36	→ 48-49	→ 17 34

High pressure chuck, short version

▲ For solid carbide and HSS shanks with h6 tolerance or better

Scope of supply:

Base body with backstop screw and pressure screw



AD/B
G 2,5 n_{max} 25000
Y8

Article no.
83 422 ...

	Adapter	DCONWS	LPR	BTED	BD_1	BD_2	LB_1	LSCX	LSCN	LB	THID		
		mm	mm	mm	mm	mm	mm	mm	mm	mm			
short	SK 40	16	90	36	42	50	42	49	39	71	M12x1	898.85	116
	SK 40	20	95	42	48	50	45	51	41	76	M16x1	798.70	120
	SK 40	25	110	51	57	50	60	57	47	91	M16x1	898.85	125
	SK 40	32	120	57	63	50	65	61	51	101	M16x1	898.85	132

→ Min. clamping depth, Page 233

i LSCX = maximum insertion depth
LSCN = minimum insertion depth

		Y7		Y7		Y7		Y7	
		Clamping key - T		Pressure pin		Pressure screw		Stop screw IK	
Spare parts		Article no.		Article no.		Article no.		Article no.	
DCONWS		80 397 ...		83 950 ...		83 950 ...		83 950 ...	
		£		£		£		£	
16	SW5	6.09	050	05 x 16	7.08	433	TR10x1,5x14	32.16	430
20	SW5	6.09	050	06 x 16	7.37	434	TR10x1,5x14	32.16	430
25	SW5	6.09	050	06 x 16	7.37	434	TR10x1,5x14	32.16	430
32	SW5	6.09	050	06 x 16	7.37	434	TR10x1,5x14	32.16	430
								M12x1x18	16.71
								M16x1x18,5	18.31
								M16x1x22	28.95
								M16x1x25	36.03

Accessories

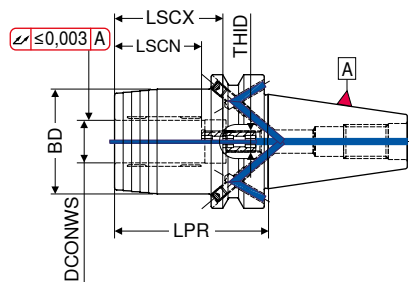
Reduction sleeve	Pull studs	Others
→ 17 32	→ 48-49	→ 17 34

High pressure chuck, short and stable version

▲ For solid carbide and HSS shanks with h6 tolerance or better

Scope of supply:

Base body with backstop screw and pressure screw



AD/B
G 2,5 n_{max} 25000

Y8

Article no.
83 427 ...

£
338.53 120

Adapter	DCONWS	LPR	BD	LSCX	LSCN	THID
	mm	mm	mm	mm	mm	
SK 40	20	64.5	49	51	40	M16x1x13,5

→ Min. clamping depth, Page 233

i LSCX = maximum insertion depth
LSCN = minimum insertion depth

Spare parts	Y7		Y7		Y7		Y7	
	Cylindrical screw		Clamping key – T		Pressure screw		Stop screw IK	
	Article no. 83 950 ...		Article no. 80 397 ...		Article no. 83 950 ...		Article no. 83 950 ...	
	£		£		£		£	
83 427 120	M5x5 - SW2,5	2.89 157	SW5	6.09 050	M10x1x14	8.65 429	M16x1x13,5 - SW8	21.78 424

Accessories

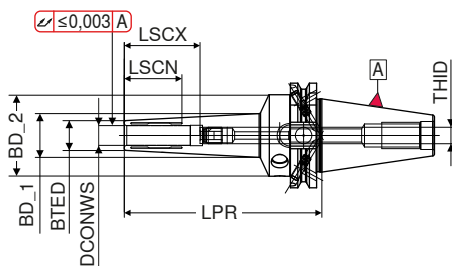
Reduction sleeve	Pull studs	Others
→ 17 32	→ 48–49	→ 17 34

High pressure chuck, slim 3°

▲ For solid carbide and HSS shanks to h6 tolerance or better

Scope of supply:

Base body with backstop screw, pressure screw and screw plug



AD/B
G 2,5 n_{max} 25000

Y8

Article no.
83 421 ...

	Adapter	DCONWS	LPR	BTED	BD_1	BD_2	LSCX	LSCN	THID		
		mm	mm	mm	mm	mm	mm	mm			
long	SK 40	3	120	9	17.40	49.5	28	12	M3		
	SK 40	4	120	10	18.40	49.5	28	16	M3		
	SK 40	5	120	11	19.40	49.5	28	20	M3		
	SK 40	6	120	12	20.40	49.5	37	27	M5		
	SK 40	8	120	14	22.40	49.5	37	27	M6		
	SK 40	10	120	16	24.50	49.5	41	31	M8x1		
	SK 40	12	120	18	26.60	49.5	46	36	M10x1		
	SK 40	16	120	24	32.30	49.5	49	39	M12x1		
	SK 40	20	120	28	36.40	49.5	51	41	M16x1		
	SK 40	6	160	16	34.37	49.5	37	27	M5		
	SK 40	8	160	18	35.45	49.5	37	27	M6		
	SK 40	10	160	20	37.10	49.5	41	31	M8x1		
	SK 40	12	160	22	38.72	49.5	46	36	M10x1		
	SK 40	6	200	16	38.72	49.5	37	27	M5		
	SK 40	8	200	18	39.74	49.5	37	27	M6		
	SK 40	10	200	20	41.40	49.5	41	31	M8x1		
	SK 40	12	200	22	43.02	49.5	46	36	M10x1		

£

646.02

103

646.02

104

646.02

105

551.05

106

551.05

108

551.05

110

551.05

112

797.58

116

797.58

120

793.34

206

793.34

208

793.34

210

793.34

212

939.05

306

939.05

308

939.05

310

939.05

312

→ Min. clamping depth, Page 233

i LSCX = maximum insertion depth
LSCN = minimum insertion depth



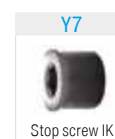
Cylindrical screw



Clamping key - T



Pressure screw



Stop screw IK

Spare parts

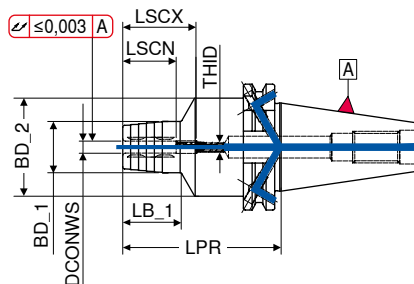
for Article no.	Article no. 83 950 ...	Article no. 80 397 ...	Article no. 83 950 ...	Article no. 83 950 ...
	£	£	£	£
83 421 103	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x10 17.20 158	M3x20 - SW1,5 13.10 172
83 421 104	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x10 17.20 158	M3x20 - SW1,5 13.10 172
83 421 105	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x10 17.20 158	M3x20 - SW1,5 13.10 172
83 421 106	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x10 17.20 158	M5x12,5 - SW2,5 18.89 418
83 421 108	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x10 17.20 158	M6x12,5 - SW3 18.89 419
83 421 110	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x12 17.20 159	M8x1x13,5 - SW3 18.89 420
83 421 112	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x12 17.20 159	M10x1x13,5 - SW5 18.89 421
83 421 116	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x12 17.20 159	M12x1x13,5 - SW5 18.89 422
83 421 120	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x12 17.20 159	M16x1x13,5 - SW8 21.78 424
83 421 206	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x10 17.20 158	M5x12,5 - SW2,5 18.89 418
83 421 208	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x10 17.20 158	M6x12,5 - SW3 18.89 419
83 421 210	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x12 17.20 159	M8x1x13,5 - SW3 18.89 420
83 421 212	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x12 17.20 159	M8x1x13,5 - SW3 18.89 420
83 421 306	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x10 17.20 158	M5x12,5 - SW2,5 18.89 418
83 421 308	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x10 17.20 158	M6x12,5 - SW3 18.89 419
83 421 310	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x12 17.20 159	M8x1x13,5 - SW3 18.89 420
83 421 312	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x12 17.20 159	M8x1x13,5 - SW3 18.89 420

Hydraulic chuck, short and slim version

▲ for solid carbide and HSS shanks to h6 tolerance or better

Scope of supply:

Base body with backstop screw and pressure screw



AD/B
G 2,5 n_{max} 25000
Y8

Article no.
83 402 ...

	Adapter	DCONWS	LPR	BD_1	BD_2	LSCX	LSCN	LB_1	THID		
		mm	mm	mm	mm	mm	mm	mm			
short and slim	SK 40	6	80.5	26	49.5	37	27	29.5	M5	658.06	106
	SK 40	8	80.5	28	49.5	37	27	30.0	M6	658.06	108
	SK 40	10	80.5	30	49.5	41	31	35.0	M8x1	658.06	110
	SK 40	12	80.5	32	49.5	46	36	40.0	M10x1	575.25	112
	SK 40	16	80.5	38	49.5	49	39	45.0	M12x1	658.06	116
	SK 40	20	80.5	42	49.5	51	41	47.0	M16x1	575.25	120
	SK 40	25	80.5	55	63.0	57	47	28.0	M16x1	658.06	125
	SK 40	32	80.5	63	70.0	61	51	25.5	M16x1	658.06	132
	SK 50	6	80.5	26	49.5	37	27	29.5	M5	920.97	306
	SK 50	8	80.5	28	49.5	37	27	30.0	M6	920.97	308
	SK 50	10	80.5	30	49.5	41	31	35.0	M8x1	920.97	310
	SK 50	12	80.5	32	49.5	46	36	40.0	M10x1	836.72	312
	SK 50	16	80.5	38	49.5	49	39	45.0	M12x1	920.97	316
	SK 50	20	80.5	42	49.5	51	41	42.0	M16x1	836.72	320
	SK 50	25	100.0	55	63.0	57	47	48.0	M16x1	920.97	325
	SK 50	32	100.0	63	70.0	61	51	61.0	M16x1	920.97	332

→ Min. clamping depth, Page 233

Spare parts DCONWS

			£				£				£	
6		M8x1x10	13.08	439	M6x14 - SW2	18.89	417		M5x12,5 - SW2,5	18.89	418	
8		M8x1x10	13.08	439					M6x12,5 - SW3	18.89	419	
10		M10x1x12	13.08	440					M8x1x13,5 - SW3	18.89	420	
12		M10x1x12	13.08	440					M10x1x13,5 - SW5	18.89	421	
16		M10x1x12	13.08	440					M12x1x13,5 - SW5	18.89	422	
20 - 32		M10x1x12	13.08	440				M16x1x13.5 - SW8	21.78	424		

Accessories

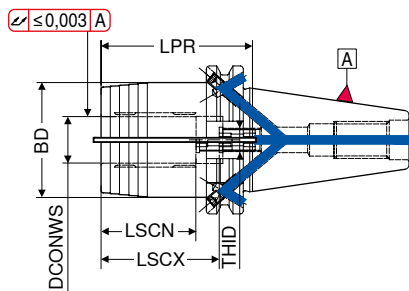
Reduction sleeve	Pull studs	Others
→ 17 32	→ 48-49	→ 17 34

Hydraulic chuck, short and stable version

▲ For solid carbide and HSS shanks to h6 tolerance or better

Scope of supply:

Base body with backstop screw and pressure screw



AD/B
G 2,5 n_{max} 25000

Y8

Article no.
83 425 ...

£

447.41 120

533.13 332

→ Min. clamping depth, Page 233

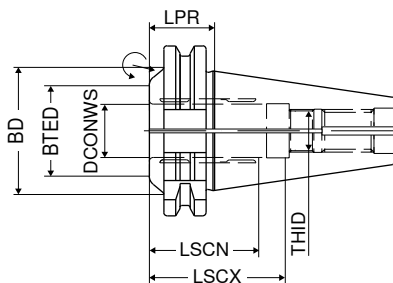
Adapter	DCONWS	LPR	BD	LSCX	LSCN	THID
	mm	mm	mm	mm	mm	
SK 40	20	64.5	49.5	51	41	M16x1
SK 50	32	81.0	72.0	61	51	M16x1

Hydraulic chuck, extra short

▲ For solid carbide and HSS shanks to h6 tolerance or better

Scope of supply:

Base body with backstop screw and pressure screw



AD
G 2,5 n_{max} 25000

Y8

Article no.
83 403 ...

£

523.33 120

→ Min. clamping depth, Page 233

Adapter	DCONWS	LPR	BTED	BD	LSCX	LSCN	THID
	mm	mm	mm	mm	mm	mm	
SK 40	20	24.5	34	48	51	41	M16x1

Spare parts

DCONWS

20 - 32

Y7



Pressure screw

Article no.
83 950 ...

£

13.08 440

Y7



Stop screw IK

Article no.
83 950 ...

£

21.78 424

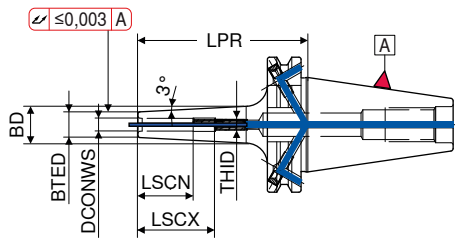
M10x1x12

M16x1x13,5 - SW8

Heat shrink adapter, slim 3°

▲ For solid carbide and HSS shanks to h6 tolerance or better

TG



AD/B
G 2,5 n_{max} 25000
Y8

Article no.
84 320 ...

	Adapter	DCONWS	LPR	BTED	BD	LSCX	LSCN	THID		
		mm	mm	mm	mm	mm	mm			
short	SK 40	3	80	9	14	28	12	M6	504.48	103
	SK 40	4	80	10	15	28	16	M6	490.07	104
	SK 40	5	80	11	16	30	20	M6	490.07	105
	SK 40	6	80	12	17	36	26	M5	428.80	106
	SK 40	8	80	14	19	36	26	M6	428.80	108
	SK 40	10	80	16	21	41	31	M8x1	428.80	110
	SK 40	12	80	18	23	47	37	M10x1	428.80	112
	SK 40	14	80	20	26	47	37	M10x1	428.80	114
	SK 40	16	80	22	28	50	40	M12x1	428.80	116
	SK 40	18	80	24	30	50	40	M12x1	428.80	118
	SK 40	20	80	26	32	52	42	M16x1	428.80	120
long	SK 40	3	120	9	16	12	12		565.74	203
	SK 40	4	120	10	17	16	16		551.32	204
	SK 40	5	120	11	18	20	20		551.32	205
	SK 40	6	120	12	22	36	26	M5	493.67	206
	SK 40	8	120	14	24	36	26	M6	493.67	208
	SK 40	10	120	16	26	41	31	M8x1	493.67	210
	SK 40	12	120	18	28	47	37	M10x1	493.67	212
	SK 40	14	120	20	30	47	37	M10x1	493.67	214
	SK 40	16	120	22	32	50	40	M12x1	493.67	216
	SK 40	18	120	24	34	50	40	M12x1	493.67	218
	SK 40	20	120	26	36	52	42	M16x1	493.67	220
extra-long	SK 40	3	160	9	19	12	12		641.41	303
	SK 40	4	160	10	20	16	16		626.99	304
	SK 40	5	160	11	21	20	20		626.99	305
	SK 40	6	160	12	24	36	26	M5	569.35	306
	SK 40	8	160	14	26	36	26	M6	569.35	308
	SK 40	10	160	16	28	41	31	M8x1	569.35	310
	SK 40	12	160	18	30	47	37	M10x1	569.35	312
	SK 40	14	160	20	32	47	37	M10x1	569.35	314
	SK 40	16	160	22	34	50	40	M12x1	569.35	316
	SK 40	18	160	24	36	50	40	M12x1	569.35	318
	SK 40	20	160	26	38	52	42	M16x1	569.35	320

→ Min. clamping depth, Page 233

Y7



Stop screw IK

Article no.
83 950 ...

£

18.89 417

Y7



Stop screw IK

Article no.
83 950 ...

£

M5x12,5 - SW2,5	18.89	418
M6x12,5 - SW3	18.89	419
M8x1x13,5 - SW3	18.89	420
M10x1x13,5 - SW5	18.89	421
M12x1x13,5 - SW5	18.89	422
M16x1x13,5 - SW8	21.78	424

Spare parts
DCONWS

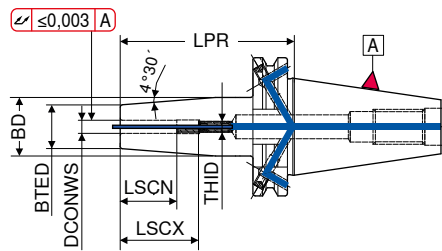
3 - 5
6
8
10
12 - 14
16 - 18
20

M6x14 - SW2

Shrink fit adapters 4.5°

▲ For solid carbide and HSS shanks to h6 tolerance or better

TG



AD/B
G 2,5 n_{max} 25000
Y8



AD
G 2,5 n_{max} 25000
Y8

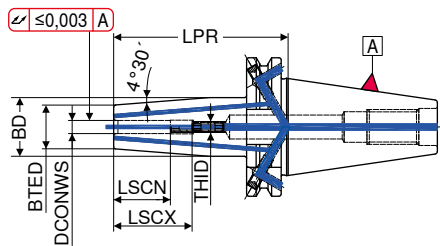
	Adapter	DCONWS	LPR	BTED	BD	LSCX	LSCN	THID	AD/B		AD	
									G 2,5 n _{max} 25000	Y8	G 2,5 n _{max} 25000	Y8
		mm	mm	mm	mm	mm	mm		Article no.		Article no.	
									84 300 ...	£	84 300 ...	£
short	SK 30	3	80	10	17	22	12	M6			266.64	003
	SK 30	4	80	15	22	26	16	M6			259.14	004
	SK 30	5	80	15	22	30	20	M6			259.14	005
	SK 30	6	80	21	27	36	26	M5			227.94	006
	SK 30	8	80	21	27	36	26	M6			227.94	008
	SK 30	10	80	24	32	41	31	M8x1			227.94	010
	SK 30	12	80	24	32	47	37	M10x1			227.94	012
	SK 30	14	80	27	34	47	37	M10x1			227.94	014
	SK 30	16	80	27	34	50	40	M12x1			227.94	016
	SK 30	18	80	33	42	50	40	M12x1			227.94	018
	SK 30	20	80	33	42	52	42	M16x1			227.94	020
	SK 40	3	80	10	17	22	12	M6	193.25	103		
	SK 40	4	80	15	22	26	16	M6	193.25	104		
	SK 40	5	80	15	22	30	20	M6	193.25	105		
	SK 40	6	80	21	27	36	26	M5	185.28	106		
	SK 40	8	80	21	27	36	26	M6	185.28	108		
	SK 40	10	80	24	32	41	31	M8x1	185.28	110		
	SK 40	12	80	24	32	47	37	M10x1	185.28	112		
	SK 40	14	80	27	34	47	37	M10x1	185.28	114		
	SK 40	16	80	27	34	50	40	M12x1	185.28	116		
	SK 40	18	80	33	42	50	40	M12x1	185.28	118		
	SK 40	20	80	33	42	52	42	M16x1	185.28	120		
	SK 40	25	100	44	53	58	48	M16x1	185.28	125		
long	SK 40	3	120	10	20	12	12		238.41	203		
	SK 40	4	120	15	22	16	16		239.56	204		
	SK 40	5	120	15	22	20	20		239.56	205		
	SK 40	6	120	21	27	36	26	M5	239.25	206		
	SK 40	8	120	21	27	36	26	M6	239.25	208		
	SK 40	10	120	24	32	41	31	M8x1	239.25	210		
	SK 40	12	120	24	32	47	37	M10x1	239.25	212		
	SK 40	14	120	27	34	47	37	M10x1	239.25	214		
	SK 40	16	120	27	34	50	40	M12x1	239.25	216		
	SK 40	18	120	33	42	50	40	M12x1	239.25	218		
	SK 40	20	120	33	42	52	42	M16x1	239.25	220		
	SK 40	25	120	44	53	58	48	M16x1	446.82	225		
extra-long	SK 40	3	160	10	20	12	12		324.73	303		
	SK 40	4	160	15	22	16	16		317.26	304		
	SK 40	5	160	15	22	20	20		317.26	305		
	SK 40	6	160	21	27	36	26	M5	286.06	306		
	SK 40	8	160	21	27	36	26	M6	286.06	308		
	SK 40	10	160	24	32	41	31	M8x1	286.06	310		
	SK 40	12	160	24	32	47	37	M10x1	286.06	312		
	SK 40	14	160	27	34	47	37	M10x1	286.06	314		
	SK 40	16	160	27	34	50	40	M12x1	286.06	316		
	SK 40	18	160	33	42	50	40	M12x1	286.06	318		
	SK 40	20	160	33	42	52	42	M16x1	286.06	320		
	SK 40	25	160	44	53	58	48	M16x1	286.06	325		

→ Min. clamping depth, Page 233

Shrink fit adapters 4.5°

▲ For solid carbide and HSS shanks with h6 tolerance or better

TG

AD/B
G 2,5 n_{max} 25000

NEW Y8

Article no.

84 317 ...

£

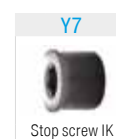
	Adapter	DCONWS	LPR	BTED	BD	LSCX	LSCN	THID		
		mm	mm	mm	mm	mm	mm			
short	SK 40	3	80	10	17	28	12	M6	512.53	103
	SK 40	4	80	15	22	28	16	M6	495.99	104
	SK 40	5	80	15	22	30	20	M6	495.99	105
	SK 40	6	80	21	27	36	26	M5	436.31	106
	SK 40	8	80	21	27	36	26	M6	436.31	108
	SK 40	10	80	24	32	41	31	M8x1	436.31	110
	SK 40	12	80	24	32	47	37	M10x1	436.31	112
	SK 40	14	80	27	34	47	37	M10x1	436.31	114
	SK 40	16	80	27	34	50	40	M12x1	436.31	116
	SK 40	18	80	33	42	50	40	M12x1	436.31	118
	SK 40	20	80	33	42	52	42	M16x1	436.31	120
	SK 40	25	100	44	53	58	48	M16x1	436.31	125
	SK 40	32	100	44	53	62	52	M16x1	436.31	132

→ Min. clamping depth, Page 233

i LSCX = maximum insertion depth
LSCN = minimum insertion depth



Stop screw IK



Stop screw IK

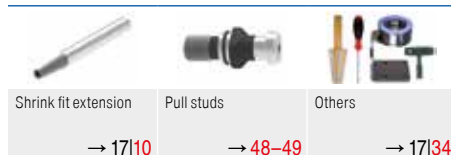


Sealing screw

Spare parts
DCONWS

	Article no.	£		Article no.	£		Article no.	£
	83 950 ...			83 950 ...			83 950 ...	
3 - 5	M6x14 - SW2	18.89	417				M2x6	1.52 512
6				M5x12,5 - SW2,5	18.89	418	M2x6	1.52 512
8				M6x12,5 - SW3	18.89	419	M2x6	1.52 512
10				M8x1x13,5 - SW3	18.89	420	M2x6	1.52 512
12 - 14				M10x1x13,5 - SW5	18.89	421	M2x6	1.52 512
16 - 18				M12x1x13,5 - SW5	18.89	422	M2x6	1.52 512
20 - 25				M16x1x13,5 - SW8	21.78	424	M2x6	1.52 512
32	M16x1 - SW5	15.15	511				M2x6	1.52 512

Accessories



Shrink fit extension

Pull studs

Others

→ 17|10

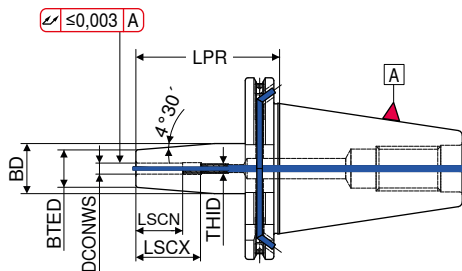
→ 48-49

→ 17|34

Shrink fit adapters 4.5°

▲ For solid carbide and HSS shanks to h6 tolerance or better

TG

AD/B
G 2,5 n_{max} 25000
Y8Article no.
84 301 ...

	Adapter	DCONWS	LPR	BTED	BD	LSCX	LSCN	THID		
		mm	mm	mm	mm	mm	mm		£	
short	SK 50	6	80	21	27	36	26	M5	318.75	106
	SK 50	8	80	21	27	36	26	M6	318.75	108
	SK 50	10	80	24	32	41	31	M8x1	318.75	110
	SK 50	12	80	24	32	47	37	M10x1	318.75	112
	SK 50	14	80	27	34	47	37	M10x1	318.75	114
	SK 50	16	80	27	34	50	40	M12x1	318.75	116
	SK 50	18	80	33	42	50	40	M12x1	318.75	118
	SK 50	20	80	33	42	52	42	M16x1	318.75	120
	SK 50	25	100	44	53	58	48	M16x1	318.75	125
	SK 50	32	100	44	53	62	52	M16x1	318.75	132
long	SK 50	6	120	21	27	36	26	M5	351.63	206
	SK 50	8	120	21	27	36	26	M6	351.63	208
	SK 50	10	120	24	32	41	31	M8x1	351.63	210
	SK 50	12	120	24	32	47	37	M10x1	351.63	212
	SK 50	14	120	27	34	47	37	M10x1	351.63	214
	SK 50	16	120	27	34	50	40	M12x1	351.63	216
	SK 50	18	120	33	42	50	40	M12x1	351.63	218
	SK 50	20	120	33	42	52	42	M16x1	351.63	220
	SK 50	25	120	44	53	58	48	M16x1	351.63	225
	SK 50	32	120	44	53	62	52	M16x1	351.63	232
extra-long	SK 50	6	160	21	27	36	26	M5	391.80	306
	SK 50	8	160	21	27	36	26	M6	391.80	308
	SK 50	10	160	24	32	41	31	M8x1	391.80	310
	SK 50	12	160	24	32	47	37	M10x1	391.80	312
	SK 50	14	160	27	34	47	37	M10x1	391.80	314
	SK 50	16	160	27	34	50	40	M12x1	391.80	316
	SK 50	18	160	33	42	50	40	M12x1	391.80	318
	SK 50	20	160	33	42	52	42	M16x1	391.80	320
	SK 50	25	160	44	53	58	48	M16x1	391.80	325
	SK 50	32	160	44	53	62	52	M16x1	391.80	332

→ Min. clamping depth, Page 233

Y7

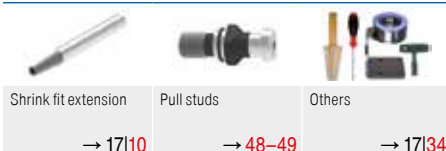


Stop screw IK

Spare parts
DCONWSArticle no.
83 950 ...

		£	
6	M5x12,5 - SW2,5	18.89	418
8	M6x12,5 - SW3	18.89	419
10	M8x1x13,5 - SW3	18.89	420
12 - 14	M10x1x13,5 - SW5	18.89	421
16 - 18	M12x1x13,5 - SW5	18.89	422
20 - 32	M16x1x13,5 - SW8	21.78	424

Accessories



Shrink fit extension

Pull studs

Others

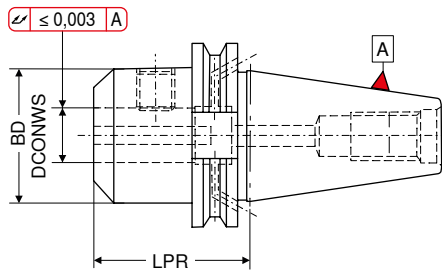
→ 17|10

→ 48-49

→ 17|34

Cylindrical shank adapter (Weldon)

▲ For shanks according to DIN 6535 HB / 1835 B with lateral clamping flat

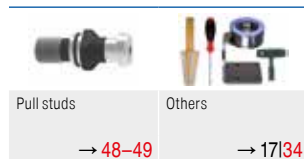


	Adapter	DCONWS _{H4}	LPR	BD	AD G 6,3 n _{max} 8000 Y8		AD G 6,3 n _{max} 8000 Y8		AD G 2,5 n _{max} 18000 Y8		ADe G 6,3 n _{max} 8000 Y8	
					Article no. 81 402 ...	£	Article no. 82 402 ...	£	Article no. 82 401 ...	£	Article no. 82 403 ...	£
short	SK 30	6	50	25	81.62	006						
	SK 30	8	50	28	79.57	008						
	SK 30	10	50	35	79.57	010						
	SK 30	12	50	42	79.57	012						
	SK 30	14	63	44	79.57	014						
	SK 30	16	63	48	79.57	016						
	SK 30	18	63	50	79.57	018						
	SK 30	20	70	52	79.57	020						
extra short	SK 40	16	35	48			123.47	416	146.24	416	175.94	416
	SK 40	20	35	50			123.47	420	146.24	420	175.94	420
	SK 40	25	40	50			135.25	425	157.66	425	187.38	425
	SK 40	32	75	72			122.60	432			175.48	432

i SK 50 adapters and other lengths can be found on the next 2 pages

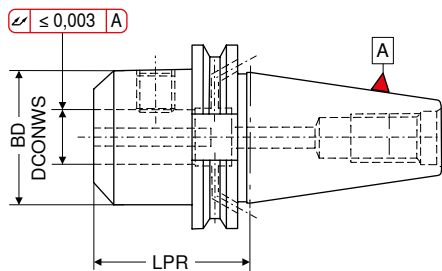
Spare parts DCONWS _{H4}	Y8 Grubscrew		W7 Grubscrew	
	Article no. 83 950 ...	£	Article no. 62 950 ...	£
6			M6x10	0.87 006
8			M8x10	0.87 008
10			M10x12	1.67 010
12			M12x16	1.32 012
14			M12x16	1.32 012
16			M14x16	1.63 016
18			M14x16	1.63 016
20			M16x16	1.74 020
25	M16x10	1.63 275		
32	M14x10	1.61 259		

Accessories



Cylindrical shank adapter (Weldon)

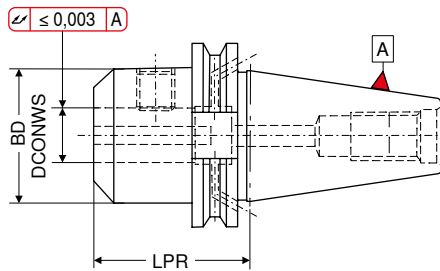
▲ For shanks according to DIN 6535 HB / 1835 B with lateral clamping flat



	Adapter	DCONWS _{H4} mm	LPR mm	BD mm	 AD/B G 6,3 n _{max} 8000 Y8 Article no. 82 402 ... £		 AD/B G 2,5 n _{max} 18000 Y8 Article no. 82 401 ... £		 AD/Be G 6,3 n _{max} 8000 Y8 Article no. 81 403 ... £		 AD/Be G 6,3 n _{max} 8000 Y8 Article no. 82 403 ... £		 AD/Be G 2,5 n _{max} 18000 Y8 Article no. 82 404 ... £	
short	SK 40	6	50	25	84.08	106	96.10	106			120.12	106	126.11	106
	SK 40	8	50	28	84.08	108	96.10	108			120.12	108	126.11	108
	SK 40	10	50	35	84.08	110	96.10	110			120.12	110	126.11	110
	SK 40	12	50	42	84.08	112	96.10	112			120.12	112	126.11	112
	SK 40	14	50	44	84.08	114	96.10	114			120.12	114	126.11	114
	SK 40	16	63	48	84.08	116	96.10	116			120.12	116	126.11	116
	SK 40	18	63	50	84.08	118	96.10	118			120.12	118	126.11	118
	SK 40	20	63	52	84.08	120	96.10	120			120.12	120	126.11	120
	SK 40	25	100	65	84.08	125	96.10	125			120.12	125	126.11	125
	SK 40	32	100	72	84.08	132	96.10	132			120.12	132		
	SK 40	40	120	90	84.08	140								
	SK 50	6	63	25	113.38	306	129.50	306			181.27	306		
	SK 50	8	63	28	113.38	308	129.50	308			181.27	308		
	SK 50	10	63	35	109.13	310	124.03	310			166.94	310		
	SK 50	12	63	42	109.13	312	124.03	312			166.94	312		
	SK 50	14	63	44	109.13	314	124.03	314			166.94	314		
	SK 50	16	63	48	109.13	316	124.03	316			182.78	316		
	SK 50	18	63	50	109.13	318	124.03	318			182.78	318		
	SK 50	20	63	52	109.13	320	124.03	320			182.78	320		
	SK 50	25	80	65	120.11	325	134.68	325			195.86	325		
	SK 50	32	100	72	121.34	332	137.71	332			206.21	332		
	SK 50	40	120	90	126.72	340								
long	SK 40	6	100	25	90.08	506	102.09	506	191.65	506				
	SK 40	8	100	28	90.08	508	102.09	508	191.65	508				
	SK 40	10	100	35	90.08	510	102.09	510	183.54	510				
	SK 40	12	100	42	90.08	512	102.09	512	183.54	512				
	SK 40	14	100	44	90.08	514	102.09	514	183.54	514				
	SK 40	16	100	48	90.08	516	102.09	516	208.98	516				
	SK 40	18	100	50	90.08	518	102.09	518	208.98	518				
	SK 40	20	100	52	90.08	520	102.09	520	208.98	520				
	SK 40	40	120	80					265.69	540				
	SK 50	6	100	25	182.22	706								
	SK 50	8	100	28	182.22	708								
	SK 50	10	100	35	174.83	710								
	SK 50	12	100	42	174.83	712								
	SK 50	14	100	44	174.83	714								
	SK 50	16	100	48	175.73	716								
	SK 50	18	100	50	175.73	718								
	SK 50	20	100	52	175.73	720								
	SK 50	25	100	65	186.38	725								

Cylindrical shank adapter (Weldon)

▲ For shanks according to DIN 6535 HB / 1835 B with lateral clamping flat

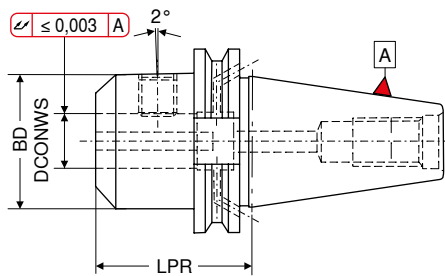


	Adapter	DCONWS _{H4}	LPR	BD	 AD/B G 6,3 n _{max} 8000 Y8		 AD/B G 2,5 n _{max} 18000 Y8		 AD/Be G 6,3 n _{max} 8000 Y8		 AD/Be G 2,5 n _{max} 18000 Y8	
					Article no. 82 402 ...	£	Article no. 82 401 ...	£	Article no. 82 403 ...	£	Article no. 82 404 ...	£
medium length	SK 40	6	130	25	96.10	206	102.09	206			114.74	206
	SK 40	8	130	28	96.10	208	102.09	208			114.74	208
	SK 40	10	130	35	96.10	210	102.09	210			110.58	210
	SK 40	12	130	42	96.10	212	102.09	212			110.58	212
	SK 40	14	130	44	96.10	214	102.09	214			110.58	214
	SK 40	16	130	48	96.10	216	102.09	216			118.77	216
	SK 40	18	130	50	96.10	218	102.09	218			118.77	218
	SK 40	20	130	52	96.10	220	102.09	220			118.77	220
	SK 50	6	130	25	114.60	906			142.90	906		
	SK 50	8	130	28	114.60	908			142.90	908		
	SK 50	10	130	35	112.26	910			140.43	910		
	SK 50	12	130	42	112.26	912			140.43	912		
	SK 50	14	130	44	112.26	914			140.43	914		
	SK 50	16	130	48	112.57	916			148.46	916		
	SK 50	18	130	50	112.57	918			148.46	918		
	SK 50	20	130	52	112.57	920			148.46	920		
	SK 50	25	130	65	115.69	925			151.57	925		
extra-long	SK 40	6	160	25	96.10	606	108.10	606				
	SK 40	8	160	28	96.10	608	108.10	608				
	SK 40	10	160	35	96.10	610	108.10	610				
	SK 40	12	160	42	96.10	612	108.10	612				
	SK 40	14	160	44	96.10	614	108.10	614				
	SK 40	16	160	48	96.10	616	108.10	616				
	SK 40	18	160	50	96.10	618	108.10	618				
	SK 40	20	160	52	96.10	620	108.10	620				
	SK 40	25	160	65	96.10	625	108.10	625				
	SK 50	6	160	25	186.38	806						
	SK 50	8	160	28	186.38	808						
	SK 50	10	160	35	191.52	810						
	SK 50	12	160	42	191.52	812						
	SK 50	14	160	44	191.52	814						
	SK 50	16	160	48	192.10	816						
	SK 50	18	160	50	192.10	818						
	SK 50	20	160	52	192.10	820						
	SK 50	25	160	65	202.97	825						
	SK 50	32	160	72	205.89	832						

i Spare parts and accessories on → **page 23**

Cylindrical Shank Adapter (Whistle Notch)

- ▲ For shanks according to DIN 6535 HE / 1835 E with angled clamping flat
- ▲ The groove in the flat face is a characteristic feature of the Whistle Notch version



AD/B
G 6,3 n_{max} 8000



AD/B
G 2,5 n_{max} 18000

	Adapter	DCONWS _{H4}	LPR	BD	AD/B G 6,3 n _{max} 8000		AD/B G 2,5 n _{max} 18000	
					Y8		Y8	
					Article no. 82 406 ...		Article no. 82 407 ...	
		mm	mm	mm	£		£	
short	SK 40	6	50	25	126.05	106	148.37	106
	SK 40	8	50	28	126.05	108	148.37	108
	SK 40	10	50	35	116.74	110	139.29	110
	SK 40	12	50	42	116.74	112	139.29	112
	SK 40	14	50	44	116.74	114	139.29	114
	SK 40	16	63	48	128.62	116	150.59	116
	SK 40	18	63	50	128.62	118	150.59	118
	SK 40	20	63	52	128.62	120	150.59	120
	SK 40	25	100	65	137.87	125		
	SK 40	32	100	72	150.21	132		
	SK 50	6	63	25	184.29	306		
	SK 50	8	63	28	184.29	308		
	SK 50	10	63	35	175.78	310		
	SK 50	12	63	42	175.78	312		
	SK 50	14	63	44	175.78	314		
	SK 50	16	63	48	176.85	316		
	SK 50	18	63	50	176.85	318		
	SK 50	20	63	52	176.85	320		
medium length	SK 40	25	80	65	193.28	325		
	SK 50	32	100	72	196.76	332		
	SK 40	6	130	25	134.66	206	153.75	206
	SK 40	8	130	28	134.66	208	153.75	208
	SK 40	10	130	35	126.99	210	145.92	210
	SK 40	12	130	42	126.99	212	145.92	212
	SK 40	16	130	48	135.49	216	154.57	216
	SK 40	20	130	52	135.49	220	154.57	220
	SK 40	25	130	65	161.87	225	189.27	225
	SK 50	6	130	25	211.67	406		
	SK 50	8	130	28	211.67	408		
	SK 50	10	130	35	203.70	410		
	SK 50	12	130	42	203.70	412		
	SK 50	16	130	48	204.69	416		
	SK 50	20	130	52	204.69	420		
	SK 50	25	130	65	216.84	425		
	SK 50	32	130	72	215.82	432		

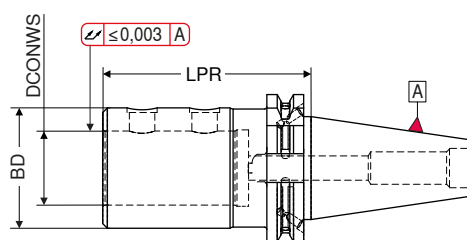
Spare parts cylindrical shank adapters (Whistle Notch)

		W7		Y8	
					
		Grubscrew		Stop screw IK	
Spare parts DCONWS _{H4}		Article no. 62 950 ...		Article no. 83 950 ...	
		£		£	
6	M6x10	0.87	006	M5x35	3.04 033
8	M8x10	0.87	008	M6x35	2.06 034
10	M10x12	1.67	010	M8x35	2.19 035
12 - 14	M12x16	1.32	012	M10x35	2.99 036
16 - 18	M14x16	1.63	016	M12x40	2.67 037
20	M16x16	1.74	020	M16x45	2.58 272
25	M18x2x20	3.36	025	M20x35	4.57 290
32	M20x2x20	3.51	032	M20x35	4.57 290

Accessories

	
Pull studs	Others
→ 48-49	→ 17 34

Indexable insert drill adapter DIN 69871 SK



AD/B
G 6,3 n_{max} 15000
2E/45

Article no.
10 840 ...

Adapter	DCONWS	LPR	BD		
	mm	mm	mm		
SK 40	20	80	40	117.55	120
SK 40	25	85	45	117.55	125
SK 40	32	90	52	117.55	132
SK 50	20	80	40	149.36	220
SK 50	25	85	45	149.36	225
SK 50	32	90	52	149.36	232
SK 50	40	90	65	149.36	240
SK 50	50	100	75	149.36	250

i Suitable eccentric sleeves can be found in → **Chapter 3, Indexable insert drilling.**

2A/28



Grubscrew

Spare parts
DCONWS

		Article no. 10 950 ...
20	M10x1x10	001
25 - 32	M12x1x10	002
40 - 50	M16x1x12	003

Accessories



Pull studs

→ 48-49



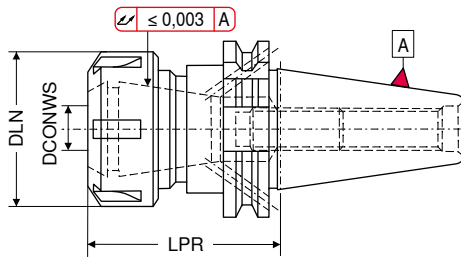
Others

→ 17|34

ER Collet chuck

Scope of supply:

Holder with lock nut and adjustable back stop



	Adapter	DCONWS mm	LPR mm	DLN mm	TQX Nm	for collet	 AD G 6,3 n _{max} 12000 Y8 Article no. 81 414 ... £		 AD/B G 6,3 n _{max} 12000 Y8 Article no. 81 414 ... £		 AD/B G 6,3 n _{max} 8000 Y8 Article no. 82 414 ... £		 AD/B G 2,5 n _{max} 18000 Y8 Article no. 82 415 ... £	
short	SK 30	1 - 10	70	28	8 - 56	426E (ER16)	107.07	010						
	SK 30	1 - 16	70	42	24 - 104	430E (ER25)	107.07	016						
	SK 30	2 - 20	70	50	24 - 136	470E (ER32)	103.94	020						
	SK 40	1 - 10	60	32	8 - 56	426E (ER16)					84.08	110	102.09	110
	SK 40	1 - 16	70	42	24 - 104	430E (ER25)					88.16	116	102.09	116
	SK 40	2 - 20	70	50	24 - 136	470E (ER32)					88.16	120	102.09	120
	SK 40	3 - 26	70	63	176	472E (ER40)					93.06	126	105.07	126
	SK 50	1 - 10	60	32	8 - 56	426E (ER16)					177.80	310		
	SK 50	1 - 16	70	42	24 - 104	430E (ER25)					141.63	316		
	SK 50	2 - 20	70	50	24 - 136	470E (ER32)					142.87	320		
	SK 50	3 - 26	70	63	176	472E (ER40)					145.79	326		
	SK 50	3 - 26	70	63	176	472E (ER40)								
long	SK 30	1 - 10	100	28	8 - 56	426E (ER16)	125.89	210						
	SK 30	1 - 16	100	42	24 - 104	430E (ER25)	125.89	216						
	SK 30	2 - 20	100	50	24 - 136	470E (ER32)	107.07	220						
	SK 40	1 - 10	120	32	8 - 56	426E (ER16)					96.10	410	114.11	410
	SK 40	1 - 16	120	42	24 - 104	430E (ER25)					96.10	416	114.11	416
	SK 40	2 - 20	120	50	24 - 136	470E (ER32)					96.10	420	114.11	420
	SK 40	3 - 26	100	63	176	472E (ER40)			217.40	426				
	SK 50	1 - 10	100	32	8 - 56	426E (ER16)					172.15	510		
	SK 50	1 - 16	100	42	24 - 104	430E (ER25)					183.22	516		
	SK 50	2 - 20	100	50	24 - 136	470E (ER32)					195.45	520		
	SK 50	3 - 26	100	63	176	472E (ER40)					204.53	526		
	SK 50	3 - 26	100	63	176	472E (ER40)								
extra-long	SK 40	1 - 10	160	28	8 - 56	426E (ER16)			147.35	610				
	SK 40	2 - 16	160	42	24 - 104	430E (ER25)			221.08	616				
	SK 40	2 - 20	160	50	24 - 136	470E (ER32)			243.75	620				
	SK 40	3 - 26	160	63	176	472E (ER40)			153.56	626				
	SK 50	1 - 16	160	42	24 - 104	430E (ER25)					199.71	616		
	SK 50	2 - 20	160	50	24 - 136	470E (ER32)					221.25	620		

Spare parts

for collet

	 W7 Article no. 62 950 ... £		 Y8 Article no. 83 950 ... £		 W7 Article no. 62 950 ... £		 Y8 Article no. 83 357 ... £		 Y8 Article no. 81 950 ... £		 Y8 Article no. 83 950 ... £	
426E (ER16) / SK30-SK50	25.38	044			20.19	054	22.20	116	3.41	053		
430E (ER25) / SK30			76.11	055	21.03	055	22.20	125	3.98	054		
430E (ER25) / SK40, SK50			76.11	055	21.03	055	22.20	125	4.42	055	2.67	010
470E (ER32) / SK30			81.41	056	21.56	056	32.33	132	3.41	053		
470E (ER32) / SK40, SK50			81.41	056	21.56	056	32.33	132	6.40	057	2.67	010
472E (ER40) / SK40, SK50			97.97	057	22.33	057	36.64	140	3.98	054	2.58	011

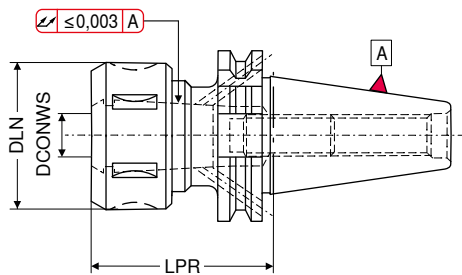
i Backstop screws 81 950 ... and nut 62 950 044 only for use with article 81 414 ...!

OZ Collet Chuck

▲ Clamping nut with ball bearings

Scope of supply:

Holder with lock nut and adjustable back stop



	Adapter	DCONWS	LPR	DLN	TQX	for collet	AD	AD/B	AD/B	AD/B
							G 6,3 n _{max} 12000	G 6,3 n _{max} 12000	G 6,3 n _{max} 8000	G 2,5 n _{max} 18000
		mm	mm	mm	Nm		Y8	Y8	Y8	Y8
							Article no. 81 410 ...	Article no. 81 410 ...	Article no. 82 410 ...	Article no. 82 411 ...
							£	£	£	£
short	SK 30	2 - 16	60	43	24 - 104	415E / 421E	106.72	016		
	SK 30	2 - 25	80	60	24 - 176	459E / 462E	112.23	025		
	SK 40	2 - 16	70	43	80 - 90	415E / 421E			133.45	116
	SK 40	2 - 25	70	60	90 - 100	459E / 462E			140.17	125
	SK 50	2 - 16	70	43	80 - 90	415E / 421E			174.05	225
	SK 50	2 - 25	70	60	90 - 100	459E / 462E			193.99	232
long	SK 50	4 - 32	70	72	110 - 120	460E / 467E			279.10	240
	SK 40	2 - 16	120	43	80 - 90	415E / 421E			190.08	416
	SK 40	2 - 25	120	60	90 - 100	459E / 462E			198.35	425
	SK 40	4 - 32	100	72	227	460E / 467E	125.39	432		220.78
	SK 50	2 - 16	100	43	80 - 90	415E / 421E			240.18	525
	SK 50	2 - 25	100	60	90 - 100	459E / 462E			256.00	532

		W7  Lock nut		Y8  Hook clamping key		Y8  Stop screw IK		Y8  Stop screw IK			
Spare parts		Article no. 62 950 ...		Article no. 83 354 ...		Article no. 81 950 ...		Article no. 83 950 ...			
for collet		£		£		£		£			
415E / 421E	M33x1,5	35.33	050	22.20	116	M16x15	4.42	055	M10x50	2.67	010
459E / 462E	M48x2	36.88	051	17.79	125	M16x15	4.42	055	M10x50	2.67	010
460E / 467E	M60x2,5	60.45	052	26.12	132	M16x15	4.42	055	M12x50	2.58	011

i Spare part 81 950 ... only use for article 81 410 ...!

Accessories

OZ Collet	Pull studs	Others
→ 218	→ 48-49	→ 17 34

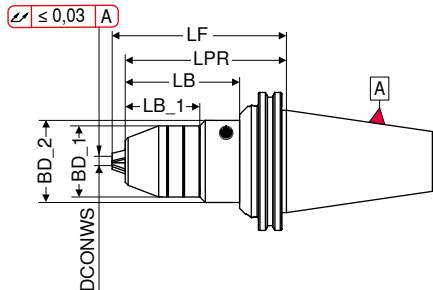
Short drill chuck

- ▲ Independent of direction of rotation
- ▲ Torque Moment = 12 Nm

Scope of supply:

Toolholder including clamping key SW4

NC
2010



Adapter	DCONWS	LPR	BD_1	BD_2	LB_1	LB	LF	 A G 6,3 n _{max} 10000 Y8 Article no. 84 418 ... £		 AD G 6,3 n _{max} 10000 Y8 Article no. 84 419 ... £		 AD/B G 6,3 n _{max} 10000 Y8 Article no. 84 420 ... £	
SK 30	0,5 - 10	80	43.0			59.9	89.0	422.38	313				
SK 40	0,5 - 13	80	48.5			60.8	89.0	422.38	413	383.21	413		
SK 40	0,5 - 13	80	48.5		50.9	60.0	89.0			376.31	416	505.94	413
SK 40	2,5 - 16	80	51.0			60.8	90.5	350.02	416				
SK 40	2,5 - 16	80	51.0		50.9		90.5					527.93	416
SK 50	0,5 - 13	110	48.5	56	50.9	78.0	119.0			570.41	513		
SK 50	0,5 - 13	110	48.5	56	50.9	78.1	119.0	498.06	513				
SK 50	2,5 - 16	110	51.0	56	50.9	78.0	120.5			524.33	516		
SK 50	2,5 - 16	110	56.0		50.9	78.0	120.5	498.06	516				

i Can be used at G 2.5 to 30,000 1/min after additional balancing !

Accessories

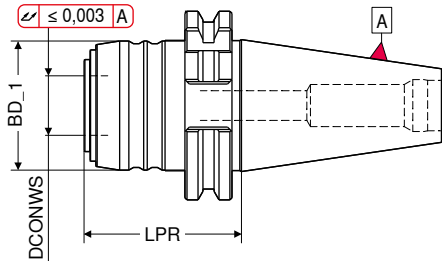
	
Pull studs	Others
→ 48-49	→ 17 34

Synchro tapping chuck with minimum length compensation

- ▲ For collet
- ▲ With length compensation under tension and compression (LZD)
- ▲ For synchro use
- ▲ $p_{\max.} = 50 \text{ bar}$

Scope of supply:

Without insert



AD

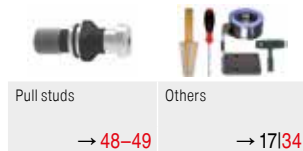
Y8

Article no.
83 416 ...

£

Adapter	cutting range	SZID	LPR	BD_1	DCONWS	LZD± mm		
SK 40	M3 - M12	1	53	43	20	1,0 / 0,2	272.68	012
SK 40	M6 - M20	2	90	60	32	1,0 / 0,2	353.71	020
SK 50	M3 - M12	1	53	43	20	1,0 / 0,2	296.21	112
SK 50	M6 - M20	2	74	60	32	1,0 / 0,2	458.46	120

Accessories



Pull studs

Others

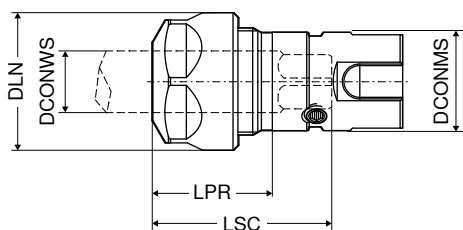
→ 48-49

→ 17|34

Insert for synchro quick change tapping chuck with minimum length compensation

Scope of supply:

Includes lock nut



AD

Y8

Article no.
83 608 ...

£

SZID	DCONWS	cutting range	LPR	DLN	LSC	for collet	DCONMS		
	mm		mm	mm	mm		mm		
1	2 - 10	M3 - M12	24	28	42	426E (ER16)	20	185.88	012
2	2 - 16	M6 - M20	28	42	59	430E (ER25)	32	216.51	020

Spare parts for synchronous tapping chucks

		W7		Y8		W7		Y8	
									
		Lock nut		Lock nut IK		Lock nut		Y clamping key	
Spare parts		Article no.		Article no.		Article no.		Article no.	
for Article no.		62 950 ...		83 950 ...		62 950 ...		83 357 ...	
		£		£		£		£	
83 608 012	M22x1,5 - SW25	25.38	044	M22x1,5	65.34	054		22.20	116
83 608 020				M32x1,5	76.11	055	M32x1,5	21.03	055
								22.20	125

Accessories

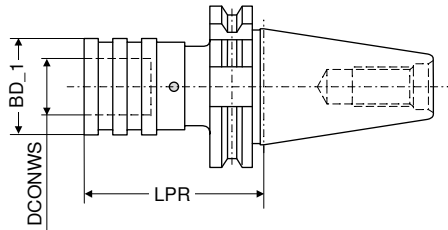


ER collet

→ 212, 214–215

Quick change tap chuck with length compensation

▲ With length compensation under tension and compression (LZD)



A

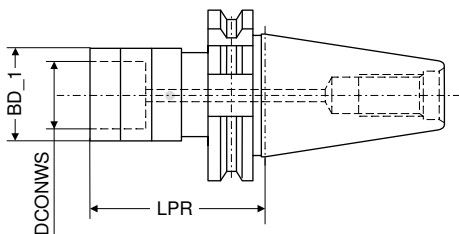
Y8

Article no.
83 428 ...

£

Adapter	cutting range	SZID	LPR	BD_1	DCONWS	LZD±		
			mm	mm	mm	mm		
SK 30	M3 - M12	01	60	38	19	9	461.22	312
SK 30	M6 - M20	02	101	55	31	15	523.99	320
SK 40	M3 - M12	01	60	38	19	9	356.20	412
SK 40	M6 - M20	02	100	55	31	15	385.98	420
SK 50	M3 - M12	01	62	38	19	9	531.98	512
SK 50	M6 - M20	02	83	55	31	15	576.26	520

Quick change tap chuck without length compensation



AD

Y8

Article no.
83 423 ...

£

Adapter	cutting range	SZID	LPR	BD_1	DCONWS			
			mm	mm	mm			
SK 30	M3 - M12	01	59	33	19	372.04		312
SK 30	M6 - M20	02	80	50	31	372.04		320
SK 40	M3 - M12	01	59	33	19	262.06		412
SK 40	M6 - M20	02	86	50	31	280.37		420
SK 50	M3 - M12	01	75	33	19	351.23		512
SK 50	M6 - M20	02	98	50	31	382.64		520

Accessories

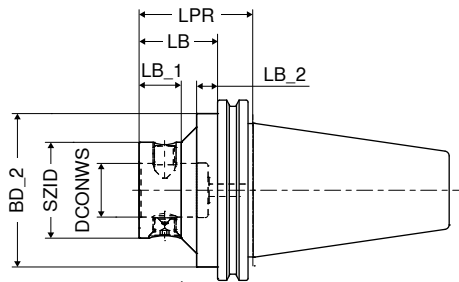
		
Collet	Pull studs	Others
→ 219-223	→ 48-49	→ 17/34

Adapter with ABS Connection

Scope of supply:

Steep taper adapter (Form B) with conversion kit (Form AD) and sealing disc

ABS



AD/B
G 6,3 n_{max} 8000

NEW 3E

Article no.

84 201 ...

£

351.73 04097

411.27 05097

Adapter	KOMET no.	SZID	DCONWS	LPR	LB	LB_1	LB_2	BD_2
			mm	mm	mm	mm	mm	mm
SK 40	A5055150	ABS 50	28	50	30.0			
SK 50	A5055350	ABS 50	28	60	40.9	22	10.9	80

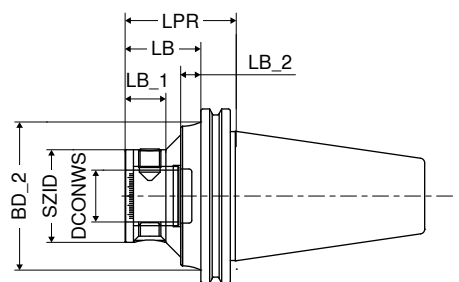
Eccentric adjuster with ABS Connection

▲ Adjustment ± 0.25 mm on diameter

Scope of supply:

Steep taper adapter (Form B) with conversion kit (Form AD) and sealing disc

ABS



AD/B

NEW W4

Article no.

84 204 ...

£

478.13 04097

536.35 05097

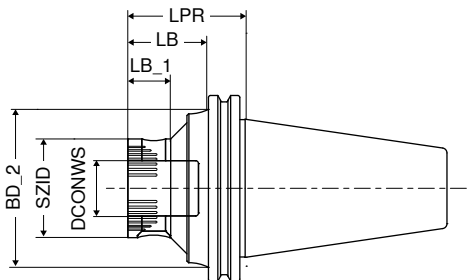
Adapter	KOMET no.	SZID	DCONWS	LPR	LB	LB_1	LB_2	BD_2
			mm	mm	mm	mm	mm	mm
SK 40	A5056150	ABS 50	28	50	30.0			
SK 50	A5056350	ABS 50	28	60	40.9	22	10.9	80

Torsional vibration dampers with ABS Connection

Scope of supply:

Steep taper adapter (Form B) with conversion kit (Form AD) and sealing disc

ABS



AD/B

NEW 3E

Article no.
84 207 ...

£

607.00 04097

676.91 05097

Adapter	KOMET no.	SZID	DCONWS	LPR	LB	BD_2	LB_1
			mm	mm	mm	mm	mm
SK 40	A5001351	ABS 50	28	50	30.0		
SK 50	A5001451	ABS 50	28	60	40.9	80	22

Spare parts
SZID

ABS 50

XX



Clamping screw

Article no.
84 950 ...

£

11.60 20300

XX



Taper screw

Article no.
84 950 ...

£

14.89 20400

XX



Set

Article no.
84 950 ...

£

26.43 99800

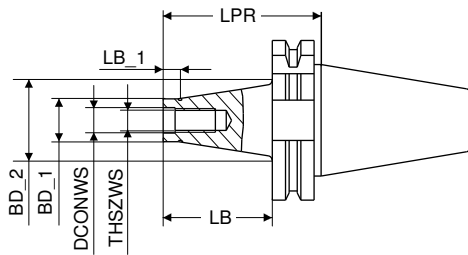
Accessories


Pull studs
→ 48-49


Extension
→ 17|27

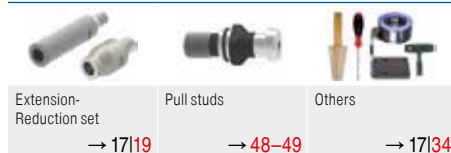

Others
→ 17|34

Adapter for milling cutters with threaded end



Adapter	THSZWS	DCONWS	LB	BD_1	BD_2	LB_1	LPR	AD G 16 n _{max} 8000 WA Article no. 56 707 ... £	AD G 6,3 n _{max} 18000 WA Article no. 56 705 ... £	AD G 2,5 n _{max} 30000 WA Article no. 56 703 ... £
SK 30	M8	8.5	25	13.8	18.0	12	44			454.73 081
SK 30	M8	8.5	50	13.8	23.0	12	69			475.41 082
SK 30	M10	10.5	25	18.0	23.0	12	44			454.73 101
SK 30	M10	10.5	50	18.0	25.0	12	69			475.41 102
SK 30	M12	12.5	25	21.0	24.0	12	44			454.73 121
SK 30	M12	12.5	50	21.0	30.0	12	69			475.41 122
SK 30	M16	17.0	25	29.0	30.5	12	44			454.73 161
SK 30	M16	17.0	50	29.0	34.0	12	69			475.41 162
SK 40	M8	8.5	25	13.8	15.0	12	44		193.12 081	
SK 40	M8	8.5	50	13.8	23.0	12	69		197.85 082	
SK 40	M8	8.5	75	13.8	25.0	12	94		202.42 083	
SK 40	M10	10.5	25	18.0	23.0	12	44		193.12 101	
SK 40	M10	10.5	50	18.0	25.0	12	69		197.85 102	
SK 40	M10	10.5	75	18.0	30.0	12	94		202.42 103	
SK 40	M10	10.5	100	18.0	35.0	12	119		207.13 104	
SK 40	M12	12.5	25	21.0	24.0	12	44		193.12 121	
SK 40	M12	12.5	50	21.0	30.0	12	69		197.85 122	
SK 40	M12	12.5	75	21.0	35.0	12	94		202.42 123	
SK 40	M12	12.5	100	21.0	38.0	12	119		207.13 124	
SK 40	M16	17.0	25	29.0	29.0	12	44		193.12 161	
SK 40	M16	17.0	50	29.0	34.0	12	69		197.85 162	
SK 40	M16	17.0	75	29.0	35.0	12	94		202.42 163	
SK 40	M16	17.0	100	29.0	40.0	12	119		207.13 164	
SK 40	M16	17.0	125	29.0	44.0	12	144		211.68 165	
SK 40	M16	17.0	150	29.0	48.0	12	169		216.41 166	
SK 40	M16	17.0	200	29.0	50.0	12	219		225.70 167	
SK 50	M12	12.5	50	21.0	30.0	12	69	274.09 122		
SK 50	M12	12.5	100	21.0	38.0	12	119	283.36 124		
SK 50	M12	12.5	150	21.0	52.0	12	169	292.65 126		
SK 50	M16	17.0	50	29.0	34.0	12	69	274.09 162		
SK 50	M16	17.0	100	29.0	40.0	12	119	278.65 164		
SK 50	M16	17.0	150	29.0	48.0	12	169	287.93 166		
SK 50	M16	17.0	200	29.0	58.0	12	219	297.21 167		
SK 50	M16	17.0	250	29.0	62.0	12	269	306.65 168		

Accessories

Extension-
Reduction set

→ 17|19

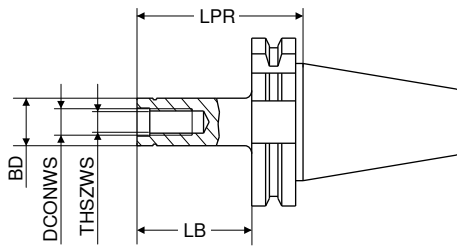
Pull studs

→ 48-49

Others

→ 17|34

Adapter for milling cutters with threaded end



AD
G 6,3 n_{max} 18000

WA

Article no.
56 709 ...

£

Adapter	THSZWS	DCONWS	LB	BD	LPR		
		mm	mm	mm	mm		
SK 40	M8	8.5	50	13.8	69	210.17	082
SK 40	M10	10.5	50	18.0	69	210.17	102
SK 40	M10	10.5	75	18.0	94	214.89	103
SK 40	M10	10.5	100	18.0	119	219.62	104
SK 40	M12	12.5	50	21.0	69	210.17	122
SK 40	M12	12.5	75	21.0	94	214.89	123
SK 40	M12	12.5	100	21.0	119	219.62	124
SK 40	M16	17.0	50	29.0	69	210.17	162
SK 40	M16	17.0	75	29.0	94	214.89	163
SK 40	M16	17.0	100	29.0	119	219.62	164

Accessories

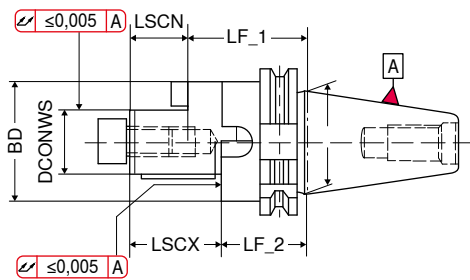
		
Extension-Reduction set → 17 19	Pull studs → 48–49	Others → 17 34

Combination shell mill adapter

▲ For milling cutters with transverse or longitudinal groove according to DIN 6358

Scope of supply:

Toolholder with retaining screw, driving ring and dowel spring



A
G 6,3 n_{max} 8000



A
G 6,3 n_{max} 8000

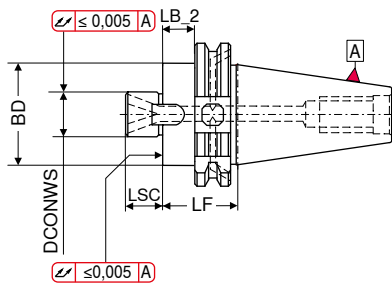
	Adapter	DCONWS	LF_1	BD	LSCX	LSCN	LF_2	Article no. 81 429 ...	Article no. 82 429 ...		
		mm	mm	mm	mm	mm	mm	£	£		
short	SK 30	16	50	32	27	17	40	106.02	016 ¹⁾		
	SK 30	22	50	40	31	19	38	106.02	022 ¹⁾		
	SK 30	27	55	48	33	21	43	126.94	027 ¹⁾		
	SK 30	32	60	58	38	24	46	133.34	032 ¹⁾		
	SK 40	16	55	32	27	17	45			141.40	116
	SK 40	22	55	40	31	19	43			146.90	122
	SK 40	27	55	48	33	21	43			149.93	127
	SK 40	32	60	58	38	24	46			157.99	132
	SK 40	40	60	70	41	27	46			166.53	140 ¹⁾
	SK 50	16	55	32	27	17	45			192.10	316
	SK 50	22	55	40	31	19	43			196.92	322
	SK 50	27	55	48	33	21	43			213.51	327
	SK 50	32	55	58	38	24	41			219.24	332
	SK 50	40	55	70	41	27	41			227.66	340 ¹⁾
	SK 50	50	70	90	46	30	54			249.50	350 ¹⁾
	long	SK 40	16	100	32	27	17	90	115.53	216	
SK 40		22	100	40	31	19	88	120.18	222		
SK 40		27	100	48	33	21	88	122.46	227		
SK 40		32	100	58	38	24	86	129.19	232		
SK 40		40	100	70	41	27	86	136.12	240		

Shell mill adapter

▲ Screwed drive dogs

Scope of supply:

Toolholder with retaining screw



A
G 6,3 n_{max} 8000



AD/B
G 6,3 n_{max} 8000

	Adapter	DCONWS	LB_2	LF	BD	LSC		
		mm	mm	mm	mm	mm		
short	SK 30	16	21	40	38	17	101.87	016 2)
	SK 30	22	21	40	43	19	101.87	022 2)
	SK 30	27	21	40	43	21	119.68	027 2)
	SK 30	32	31	50	78	24	126.60	032 2)
	SK 40	16	25	44	38	17		109.13 116
	SK 40	22	25	44	48	19		118.75 122
	SK 40	27	36	55	58	21		120.11 127
	SK 40	32	31	50	78	24		126.72 132
	SK 40	40	31	50	88	27		137.71 140 1)
	SK 50	16	25	44	38	17		160.38 316
	SK 50	22	25	44	48	19		165.74 322
	SK 50	27	25	44	58	21		169.68 327
	SK 50	32	21	40	78	24		184.91 332
	SK 50	40	31	50	88	27		188.72 340 1)
	SK 40	16	81	100	38	17		117.28 416
	SK 40	22	81	100	48	19		124.03 422
long	SK 40	27	81	100	58	21		126.72 427
	SK 40	32	81	100	78	24		133.45 432
	SK 40	40	81	100	88	27		141.63 440 1)
	SK 50	16	81	100	38	17		224.38 616
	SK 50	22	81	100	48	19		229.21 622
	SK 50	27	81	100	58	21		235.83 627
	SK 50	32	81	100	78	24		242.90 632
	SK 50	40	81	100	88	27		247.58 640 1)
	SK 40	16	111	130	38	17		124.29 816
	SK 40	22	111	130	48	19		128.35 822
medium length	SK 40	27	111	130	58	21		130.33 827
	SK 40	32	111	130	78	24		136.57 832
	SK 40	40	111	130	88	27		142.63 840 1)
	SK 50	16	111	130	38	17		196.89 916
	SK 50	22	111	130	48	19		200.73 922
	SK 50	27	111	130	58	21		206.25 927
	SK 50	32	111	130	78	24		211.74 932
	SK 50	40	111	130	88	27		215.58 940
	SK 40	16	141	160	38	17		160.81 516
	SK 40	22	141	160	48	19		165.74 522
extra-long	SK 40	27	141	160	58	21		168.21 527
	SK 40	32	141	160	78	24		176.17 532
	SK 40	40	141	160	88	27		183.56 540 1)
	SK 50	16	141	160	38	17		244.35 716
	SK 50	22	141	160	48	19		248.81 722
	SK 50	27	141	160	58	21		256.00 727
	SK 50	32	141	160	78	24		263.76 732
	SK 50	40	141	160	88	27		266.23 740 1)

1) With cross screw and 4 holes M12, Pitch Circle diameter = 66.7 mm, coolant outlet on the outer diameter of the spigot (DCONWS)!

2) With cross screw

Spare parts facemill adapters

				Y8		Y8		Y8		Y8	
											
Spare parts DCONWS				Article no. 83 950 ...		Article no. 83 368 ...		Article no. 83 367 ...		Article no. 83 950 ...	
				£		£		£		£	
16	8x9x17,5	13.66	120	20.07	116	M8	5.33	016	M8x25	5.65	113
22	10x11x20,5	14.10	121	24.96	122	M10	5.93	022	M10x25	6.38	124
27	12x13x24,3	15.55	122	29.34	127	M12	7.58	027	M12x30	7.05	125
32	14x21x21,2	15.71	123	40.00	132	M16	11.90	032	M16x35	8.59	126
40	15,9x16,3x19,5	20.92	295	39.72	140	M20	12.74	040	M20x40	9.47	112

				Y8		Y8		Y8	
									
DCONWS				Article no. 81 950 ...		Article no. 81 950 ...		Article no. 83 950 ...	
				£		£		£	
16	8x8x14	13.66	001	M3x8	0.97	010	M3x8	0.97	296
22	10x10x17	14.10	002	M4x8	1.27	011	M4x12	1.27	297
27	12x14x20	15.55	003	M4x14	1.30	012	M5x12	1.30	136
32	14x14x22	15.38	004	M5x13	1.47	013	M5x20	1.38	137
40							M6x16	1.57	138

i Spare part 81 950 ... only use for article 81 428 ...!

Accessories

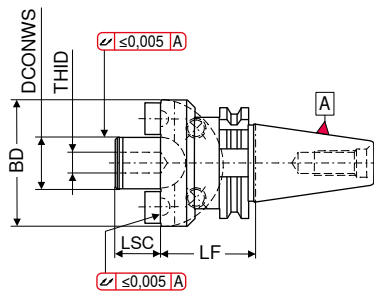
		
Pull studs	Extensions	Others
→ 48-49	→ 17 26	→ 17 34

Large diameter facemill adapter

▲ For milling cutters with keyway or drive slot DIN 6357

Scope of supply:

Holder with integrated drive dogs according to DIN 2079 and 4 fixation screws



A
G 6,3 $n_{\max}$ 8000

Y8

Article no.
82 432 ...

£

289.42 040

307.24 240

376.33 260

Adapter	DCONWS	LF	BD	LSC	THID		
	mm	mm	mm	mm			
SK 40	40	60	89	30	M20		
SK 50	40	70	89	30	M20		
SK 50	60	70	129	40	M30		

Y8



Screw for drivers

Article no.
83 950 ...

£

1.57 138

Y8



Driver

Article no.
83 950 ...

£

20.92 295

23.59 298

2A/28



Socket head screw

Article no.
70 950 ...

£

7.68 181

Y8



Clamping screw

Article no.
83 950 ...

£

7.04 140

14.47 160

Spare parts

DCONWS									
40		M6x16			15,9x16,3x19,5			M12x50	
60					25,4x16,3x26,5			M16x45	

Accessories



Pull studs

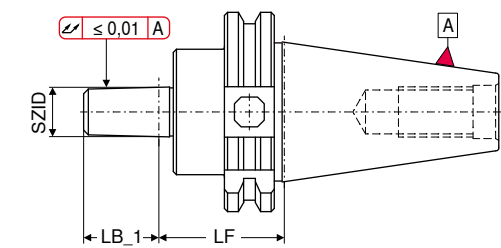
→ 48-49



Others

→ 17|34

Drill chuck adapter



A
G 6,3 n_{max} 8000

Adapter	SZID	LF	LB_1		
		mm	mm		
SK 40	B12	40	18.5		
SK 40	B16	40	24.0		
SK 50	B16	40	24.0		
SK 50	B18	40	32.0		

Article no.	
82 423 ...	
£	
139.88	112
139.88	116
170.41	316
170.41	318

Spare parts
SZID

		Article no.			Article no.
		83 636 ...			83 636 ...
		£			£
B12	0 - 8 mm	146.71	012	0 - 10 mm	173.49
B16	1 - 13 mm	207.93	016	3 - 16 mm	169.77
B18				3 - 16 mm	221.41

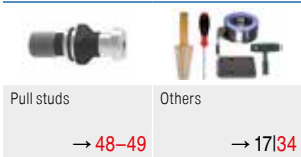


Drill chuck



Drill chuck

Accessories

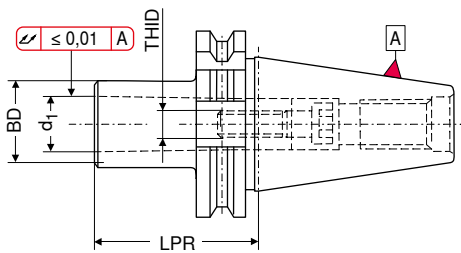


Pull studs → 48-49
Others → 17|34

Milling sleeve adapters DIN 6364 for DIN 228-2C Morse taper shanks with thread

Scope of supply:

Holder with retaining screw

A
G 6,3 n_{max} 8000
Y8

	Adapter	d ₁	LPR	BD	THID		Article no. 82 446 ...	£	
short	SK 40	MK1	50	25	M6			135.25	110
	SK 40	MK2	50	32	M10			135.25	120
	SK 40	MK3	70	40	M12			141.40	130
	SK 40	MK4	95	48	M16			146.90	140
	SK 50	MK1	45	25	M6			187.38	310
	SK 50	MK2	60	32	M10			187.38	320
	SK 50	MK3	65	40	M12			187.38	330
	SK 50	MK4	95	48	M16			197.14	340
	SK 50	MK5	120	63	M20			224.16	350

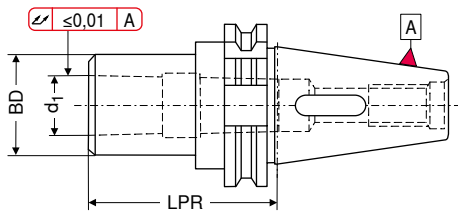
i Disassembly instructions can be found in → **Chapter 17, Accessories.**

Spare parts	Y8		Y8		Y8		Y8	
	Morse taper clamping screw		Counterscrew		Hollow key with nose		Fixing ring	
for Article no.	Article no. 83 950 ...		Article no. 83 950 ...		Article no. 83 359 ...		Article no. 83 950 ...	
	£		£		£		£	
82 446 110	0.91	260	0.75	030	34.54	013	10.14	265
82 446 120	1.95	261	0.75	031	34.54	013	10.14	267
82 446 130	1.25	018	0.75	030	38.99	017	13.79	269
82 446 140	5.92	019	0.75	031	47.41	023	13.79	270
82 446 310	0.91	260	0.75	031	41.54	020	11.97	266
82 446 320	1.25	017	0.75	031	41.54	020	11.97	268
82 446 330	1.25	017	0.75	031	38.99	017	13.79	269
82 446 340	5.92	019	0.75	031	47.41	023	13.79	270
82 446 350	11.08	262	0.75	031	58.72	033	17.01	271

Accessories

Morse taper adapter sleeve	Pull studs	Others
→ 17 4	→ 48–49	→ 17 34

Taper sleeve DIN6383 for DIN 228-2D Morse taper shanks

AD
G 6,3 n_{max} 8000Y8
Article no.
81 439 ...

£

AD
G 6,3 n_{max} 8000Y8
Article no.
82 439 ...

£

	Adapter	d ₁	LPR	BD				
			mm	mm				
short	SK 30	MK1	50	25		110.18	010	
	SK 30	MK2	65	32		100.83	020	
	SK 30	MK3	80	40		100.83	030	
	SK 40	MK1	50	25				95.66 110
	SK 40	MK2	50	32				98.37 120
	SK 40	MK3	70	40				105.19 130
	SK 40	MK4	95	48				110.56 140
	SK 50	MK1	50	25				120.11 310
	SK 50	MK2	60	32				124.03 320
	SK 50	MK3	65	40				128.40 330
	SK 50	MK4	95	48				133.45 340
	SK 50	MK5	105	63				145.79 350
long	SK 40	MK2	117	32		167.47	220	
	SK 40	MK3	133	40		186.18	230	
	SK 40	MK4	156	48		202.92	240	

Accessories

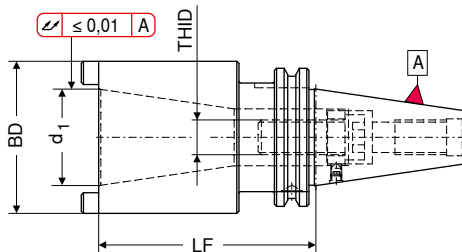
		
Morse taper adapter sleeve	Pull studs	Others
→ 17 4	→ 48–49	→ 17 34

Milling adapter sleeve

- ▲ For mounting tool holders according to DIN 2080
- ▲ With an extended retaining screw also tool holders according to DIN 69871, MAS-BT and ANSI-CAT can be clamped

Scope of supply:

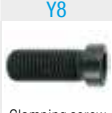
Holder with clamping screw for DIN 2080 adapters



Adapter	d ₁	LF	BD	THID	 A G 6,3 n _{max} 8000 Y8 Article no. 81 453 ... £ 194.05		 A G 6,3 n _{max} 8000 Y8 Article no. 82 453 ... £ 218.78	
SK 40	SK 30	40	51	M12	030			
SK 40	SK 40	100	70	M16				
SK 50	SK 40	80	70	M16				
SK 50	SK 50	120	100	M24				
							240	250

Spare parts

for Article no.

	 Article no. 83 950 ... £ 21.35	 Article no. 81 950 ... £ 20.93	 Article no. 81 950 ... £ 1.17	 Article no. 83 950 ... £ 0.75	 Article no. 83 359 ... £ 38.99	 Article no. 81 950 ... £ 19.38	 Article no. 83 950 ... £ 13.79
81 453 030	263	160	033	030	017	170	
82 453 040	009			030	023		270
82 453 240	264			031	133		
82 453 250	256						257

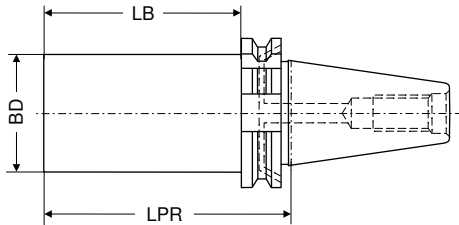
Auxiliary table for finding the required spare parts and accessories for intermediate sleeves for SK-adapters

DIN 69871	Norm of the SK-shank		Clamping screw length	 Clamping screw SK Article No.	 Retaining ring Article No.	 Lock screw Article No.	 Hollow key Article No.
	Ø d ₁ DIN 69871	Ø d ₁ DIN 2080					
81 453 030		SK 30	M12 x 35	81 950 160	81 950 170	81 950 033	83 359 017
82 453 040	SK 40		M16 x 70	83 950 264	83 950 270	83 950 030	83 359 023
82 453 040		SK 40	M16 x 40	83 950 009	83 950 270	83 950 030	83 359 023
82 453 240	SK 40		M16 x 70	83 950 264			
82 453 240		SK 40	M16 x 40	83 950 009			
82 453 250	SK 50		M24 x 80	83 950 256	83 950 257	83 950 031	83 359 133
82 453 250		SK 50	M24 x 50	83 950 263	83 950 257	83 950 031	83 359 133

i Spare part 81 950 ... only use for article 81 453 ...!

Blank

- ▲ Material: Steel 17CrNiMo5
- ▲ For production of special tools
- ▲ Diameter BD turned with 0.5 mm oversize
- ▲ Taper hardened and ground
- ▲ Special tool area in soft state



AD/B

Y8

Article no.
82 458 ...

£

156.87

040

279.10

050

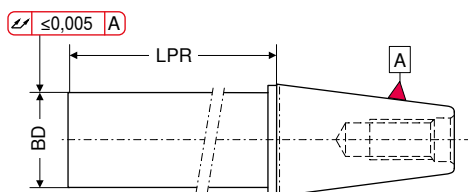
Adapter	BD	LPR	LB
	mm	mm	mm
SK 40	63.0	250	231
SK 50	63.5	300	281

Test bar

- ▲ Without clamping slots
- ▲ MAS BT 40 special pull stud with LF = 32 mm

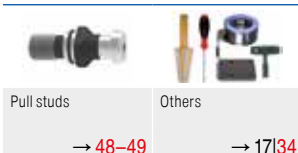
Scope of supply:

In wooden box



Adapter	BD	LPR	Article no.	£	
	mm	mm	82 456 ...		
SK / BT 40	40	330	734.83	040	
SK / BT 50	50	330	908.97	050	

Accessories



Pull studs

Others

→ 48-49

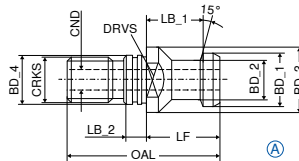
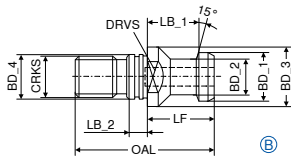
→ 17/34

Pull studs for tool holders according to DIN 69871

- ▲ DIN 69872 form A and B
- ▲ For tools with or without axial coolant supply

Scope of supply:

Including O-Ring



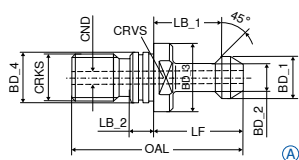
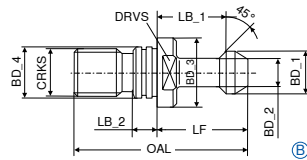
Adapter	BD_1	BD_2	BD_3	BD_4	CRKS	OAL	LF	LB_1	LB_2	CND	DRVS	TQX	form	Y8		Y8	
														Article no. 82 468 ...	£	Article no. 82 475 ...	£
SK 30	13	9	17	13	M12	44	24	19	5	3.5	14	60	A	14.11	030		
SK 40	19	14	23	17	M16	54	26	20	7	7.0	19	90	A	12.01	040		
SK 50	28	21	36	25	M24	74	34	25	10	11.5	30	145	A	17.83	050		
SK 30	13	9	17	13	M12	44	24	19	5		14	60	B			14.11	030
SK 40	19	14	23	17	M16	54	26	20	7		19	90	B			12.01	040
SK 50	28	21	36	25	M24	74	34	25	10		30	145	B			17.83	050

Pull studs for tool holders according to DIN 69871

- ▲ Similar to BT 45°, but 3 mm shorter
- ▲ For Haas, Micron and Hurco machines

Scope of supply:

Including O-Ring



Adapter	BD_1	BD_2	BD_3	BD_4	CRKS	OAL	LF	LB_1	LB_2	CND	DRVS	TQX	form	Y8		Y8	
														Article no. 83 535 ...	£	Article no. 83 538 ...	£
SK 40	15	10	23	17	M16	57	32	25	5	4	19	90	A	17.38	040		
SK 40	15	10	23	17	M16	57	32	25	5		19	90	B			20.63	040

Spare parts BD_4

	Article no. 83 476 ...		Article no.	
17	BT / SK 40	2.37	040	
25	BT / SK 50	2.37	050	



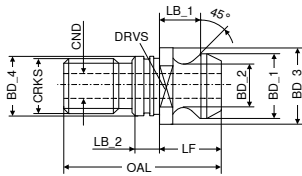
Pull studs for tool holders according to DIN 69871

▲ Similar to ISO / DIS 7388 (ANSI-CAT only for SK 40) Form A

Scope of supply:

SK 50 including O-ring

SK 40 without O-ring groove



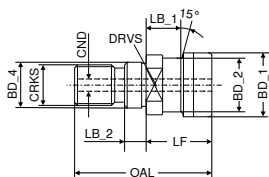
Adapter	BD_1	BD_2	BD_3	BD_4	CRKS	OAL	LF	LB_1	LB_2	CND	DRVS	TQX	Y8 Article no. 82 487 ... £
SK 40	18.95	12.95	22.5	17	M16	41.26	16.40	11.15	4.0	6.0	19	90	12.01 040
SK 50	29.10	19.60	37.0	25	M24	65.50	25.55	17.95	5.5	11.5	30	145	18.84 050

Pull studs for tool holders according to DIN 69871

▲ SK 40 with circlip groove and edge protection, with and without internal thread

▲ SK 50 with circlip groove, with and without internal thread

▲ For tools according to DIN 69871 for conversion to DIN 2080

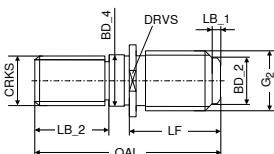


Adapter	BD_1	BD_2	BD_4	CRKS	OAL	LF	LB_1	LB_2	CND	DRVS	TQX	With internal thread Y8 Article no. 82 493 ... £	Without internal thread Y8 Article no. 82 494 ... £
SK 40	25.0	21.1	17	M16	53	25	13.6	8	7	19	90	19.65 040	19.65 040
SK 50	39.3	32.0	25	M24	65	25	13.3	10		30	145	22.41 050 1)	22.41 050

1) With O ring

Pull studs for tool holders according to DIN 69871

▲ DECKEL thread S 20 x 2



Adapter	G ₂	CRKS	OAL	LF	LB_1	LB_2	BD_2	BD_4	DRVS	Y8 Article no. 83 471 ... £
SK 40	S 20 x 2	M16	55	33	4	17	16.7	17	22	33.78 040

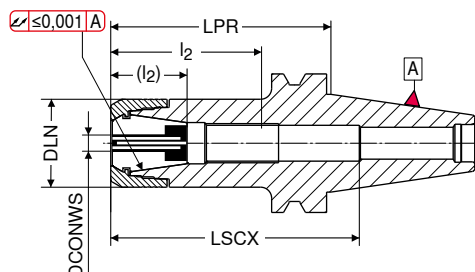
ER Precision Collet chuck

- ▲ For standard or sealed nuts
- ▲ Maximum size collet to ISO tolerance field H10
- ▲ For clamping a roll key is required
- ▲ $p_{\max} = 80$ bar

Scope of supply:

Holder **without** nut, **without** backstop

Centro-P



AD
G 2,5 n_{max} 25000
Y8

Adapter	DCONWS	LPR	DLN	LSCX	l_2 (l ₂)	for collet	Article no.	
	mm	mm	mm	mm	mm		84 524 ...	
BT 30	1 - 10	50	30	73	28 - 44 (16 - 31)	426E (ER16)	198.00	001
BT 30	1 - 10	75	30	97	28 - 45 (14 - 31)	426E (ER16)	219.22	002
BT 30	1 - 10	100	30	123	28 - 44 (16 - 31)	426E (ER16)	254.51	003
BT 30	1 - 10	120	30	112	28 - 45 (14 - 31)	426E (ER16)	276.25	004
BT 30	2 - 16	60	40	77	35 - 59 (30 - 42)	430E (ER25)	226.33	160
BT 30	2 - 16	75	40	72	38 - 56 (23 - 39)	430E (ER25)	226.33	161
BT 30	2 - 16	90	40	87	38 - 56 (23 - 39)	430E (ER25)	276.25	162
BT 30	2 - 16	120	40	115	38 - 56 (23 - 39)	430E (ER25)	276.25	164
BT 30	2 - 20	60	50	69	42 - 52	470E (ER32)	173.34	207
BT 30	2 - 20	75	50	84	42 - 62 (24 - 45)	470E (ER32)	173.34	208
BT 30	2 - 20	90	50	94	42 - 62 (24 - 45)	470E (ER32)	189.79	209
BT 40	1 - 10	75	30	90	38 - 53 (29 - 39)	426E (ER16)	139.64	210
BT 40	1 - 10	90	30	120	30 - 50 (29 - 36)	426E (ER16)	165.47	310
BT 40	1 - 10	120	30	140	29 - 45 (29 - 35)	426E (ER16)	225.31	410
BT 40	1 - 10	150	30	180	29 - 45 (29 - 32)	426E (ER16)	242.91	510
BT 40	1 - 10	200	30	220	29 - 50 (29 - 36)	426E (ER16)	281.63	610
BT 40	2 - 16	60	40	92	44 - 64 (36 - 46)	430E (ER25)	158.43	116
BT 40	2 - 16	75	40	100	42 - 59 (36 - 41)	430E (ER25)	139.64	216
BT 40	2 - 16	90	40	91	42 - 59 (36 - 41)	430E (ER25)	165.47	316
BT 40	2 - 16	105	40	100	35 - 60 (20 - 42)	430E (ER25)	238.42	168
BT 40	2 - 16	120	40	91	40 - 65 (36 - 47)	430E (ER25)	242.91	416
BT 40	2 - 16	150	40	100	40 - 64 (36 - 45)	430E (ER25)	260.51	516
BT 40	2 - 16	200	40	150	40 - 64 (36 - 45)	430E (ER25)	299.23	616
BT 40	2 - 20	60	50	55	45 - 64 (42 - 46)	470E (ER32)	158.43	120
BT 40	2 - 20	75	50	100	42 - 76 (42 - 52)	470E (ER32)	139.64	220
BT 40	2 - 20	90	50	100	42 - 76 (42 - 52)	470E (ER32)	165.47	320
BT 40	2 - 20	120	50	110	42 - 71 (42 - 53)	470E (ER32)	242.91	420
BT 40	2 - 20	150	50	110	42 - 71 (42 - 53)	470E (ER32)	260.51	520
BT 40	3 - 26	75	63	78	54 - 59	472E (ER40)	178.37	226
BT 40	3 - 26	105	63	93	55 - 71 (48 - 53)	472E (ER40)	231.18	326
BT 50	2 - 20	75	50	110	45 - 70 (42 - 53)	470E (ER32)	264.04	720
BT 50	2 - 20	105	50	140	45 - 63 (42 - 45)	470E (ER32)	313.32	820
BT 50	2 - 20	165	50	200	45 - 74 (42 - 56)	470E (ER32)	471.74	920
BT 50	3 - 26	75	63	100	48 - 58	472E (ER40)	281.63	726
BT 50	3 - 26	105	63	100	48 - 58	472E (ER40)	330.92	826

→ Transmittable torque moments, Page 233

- i** LSCX = Clamping depth without back stop screw for shanks
 l_2 = With back stop screw 1, Dimension in brackets () = With back stop screw 2
 Dimension LPR when using tightening nuts with seals 3 mm longer

Spare parts, ER precision collet chuck

	Y8  Lock nut IK		Y8  Lock nut		Y8  Stop screw 2		Y8  Stop screw 1			
Spare parts	Article no. 84 950 ...		Article no. 84 950 ...		Article no. 83 950 ...		Article no. 83 950 ...			
for collet	£		£		£		£			
426E (ER16)	72.78	011	54.05	001	M11x1 - SW6	45.14	341	M11x1 - SW6	30.24	337
430E (ER25)	81.12	013	60.06	003	M18x1,5 - SW6	31.75	432	M18x1,5 - SW6	22.65	431
470E (ER32)	86.74	015	66.06	005	M22x1,5 - SW6	26.82	402	M22x1,5 - SW6	19.53	401
472E (ER40)	118.63	017	96.10	007				M28x1,5 - SW6	27.38	400

ER Precision tapered collet chuck

- ▲ for special tapered nuts
- ▲ Maximum clamping range covered according to ISO tolerance field H10
- ▲ Roll key required for clamping
- ▲ $p_{\max} = 80$ bar

Scope of supply:

Holder **without** nut, **without** backstop

Centro-P							
AD/B G 2,5 $n_{\max}$ 25000							
Y8							
Article no. 84 517 ...							
£							
Adapter	DCONWS	LPR	DLN	LSCX	l_2 (l_2)	for collet	ALP
	mm	mm	mm	mm	mm		
BT 40	1 - 10	100	24	72	28 - 48 (20 - 35)	426E (ER16)	4.5°
BT 40	1 - 10	160	24	180	28 - 48 (20 - 35)	426E (ER16)	4.5°
							£
							232.01
							290.81
							410
							510

→ Transmittable torque moments, page 233

- i** LSCX = Clamping depth without back stop screw for shanks
 l_2 = With back stop screw 1, Dimension in brackets () = With back stop screw 2
 Dimension LPR when using tightening nuts with seals 4 mm longer

Spare parts	Y8		Y8		Y8		Y8			
										
	Tapered lock nut IK		Tapered lock nut		Stop screw 2		Stop screw 1			
	Article no. 84 950 ...		Article no. 84 950 ...		Article no. 83 950 ...		Article no. 83 950 ...			
	£		£		£		£			
for collet										
426E (ER16)	89.35	033	75.49	031	M11x1 - SW6	45.14	341	M11x1 - SW6	30.24	337

Accessories

ER collet	Sealing ring	roll key	roll key device	Pull studs	Others
→ 208–211, 213	→ 207	→ 17 36	→ 17 36	→ 91–92	→ 17 34

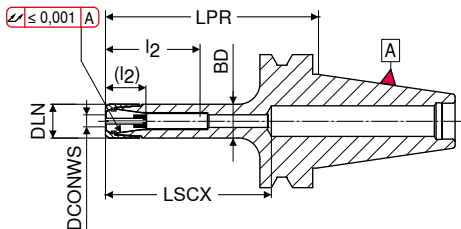
ER Precision collet chuck, slim version

- ▲ For Mini Clamping Nuts
- ▲ Maximum clamping range covered according to ISO tolerance field H10
- ▲ Roll key required for clamping
- ▲ $p_{\max} = 80$ bar

Scope of supply:

Holder **without** nut, **without** backstop

Centro-P



Adapter	DCONWS	LPR	DLN	BD	LSCX	l_2 (l_2)	for collet	AD/B G 2,5 $n_{\max}$ 25000 Y8		AD G 2,5 $n_{\max}$ 25000 Y8	
								Article no. 84 508 ...	£	Article no. 84 507 ...	£
BT 30	1 - 7	50	16	16	68	18 - 32 (12 - 22)	4008E (ER11)			220.16	007
BT 30	1 - 7	100	16	16	68	18 - 36 (12 - 26)	4008E (ER11)			243.75	008
BT 40	1 - 7	75	16	16	100	15 - 30 (8 - 21)	4008E (ER11)	231.86	307		
BT 40	1 - 7	90	16	16	68	18 - 36 (12 - 26)	4008E (ER11)	239.29	40600		
BT 40	1 - 7	120	16	16	140	15 - 30 (8 - 21)	4008E (ER11)	309.06	507		
BT 40	1 - 7	150	16	16	68	18 - 36 (12 - 26)	4008E (ER11)	322.73	90600		
BT 40	1 - 10	75	22	22	100	27 - 49 (16 - 32)	426E (ER16)	231.86	216		
BT 40	1 - 10	90	22	22	115	27 - 49 (16 - 32)	426E (ER16)	231.86	316		
BT 40	1 - 10	120	22	22	145	27 - 49 (16 - 32)	426E (ER16)	309.06	416		
BT 40	1 - 10	150	22	22	175	27 - 49 (16 - 32)	426E (ER16)	309.06	516		

→ Transmittable torque moments, Page 233

- i** LSCX = Clamping depth without back stop screw for shanks
 l_2 = With back stop screw 1, Dimension in brackets () = With back stop screw 2
 Dimension LPR when using tightening nuts with seals 4 mm longer

Spare parts	Y8		Y8		Y8		Y8				
		Mini lock nut IK		Mini lock nut		Stop screw 2		Stop screw 1			
	Article no.		Article no.		Article no.		Article no.				
	84 950 ...		84 950 ...		83 950 ...		83 950 ...				
	£		£		£		£				
for collet											
4008E (ER11)			75.49	041	M8x1 - SW4	43.03	340	M8x1 - SW4	28.66	336	
426E (ER16)		73.51	035	60.30	034	M11x1 - SW6	45.14	341	M11x1 - SW6	30.24	337

Accessories

ER collet	Sealing ring	Device	Roll key	Roll key device	Pull studs	Others
→ 208–211, 213	→ 207	→ 17 35	→ 17 36	→ 17 36	→ 91–92	→ 17 34

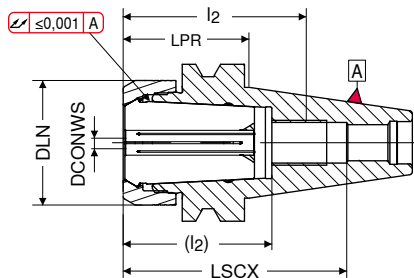
OZ Precision Collet Chuck

- ▲ Maximum clamping range covered according to ISO tolerance field H10
- ▲ Roll key required for clamping
- ▲ $p_{\max} = 80$ bar

Scope of supply:

Holder **without** nut, **without** backstop

Centro-P



AD/B
G 2,5 $n_{\max}$ 25000

Y8

Article no.
84 513 ...

£
185.57 225

Adapter	DCONWS	LPR	DLN	LSCX	l_2 (l_2)	for collet
	mm	mm	mm	mm	mm	
BT 40	2 - 25	51	50	89	70 (56)	462E

→ Transmittable torque moments, Page 233

- i** LSCX = Clamping depth without back stop screw for shanks
 l_2 = With back stop screw 1, Dimension in brackets () = With back stop screw 2
 Dimension LPR when using tightening nuts with seals 4 mm longer

Spare parts

for collet

462E

Y8	Y8	Y8
Article no. 84 950 ...	Article no. 83 950 ...	Article no. 83 950 ...
£ 71.74 020	£ 26.82 402	£ 19.53 401
M22x1,5 - SW6	M22x1,5 - SW6	M22x1,5 - SW6

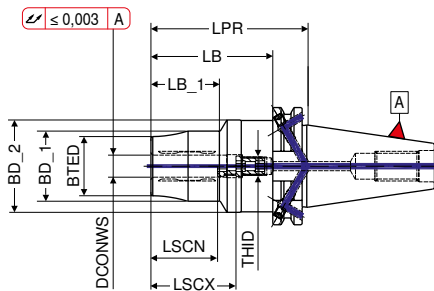
Accessories

OZ Collet	Sealing ring	Roll key	Roll key device	Pull studs	Others
→ 217	→ 217	→ 17 36	→ 17 36	→ 91-92	→ 17 34

High pressure chuck, short version

Scope of supply:

Base body with backstop screw and pressure screw



AD/B
G 2,5 n_{max} 25000
Y8

Article no.
83 526 ...

	Adapter	DCONWS	LPR	BTED	BD_1	BD_2	LB_1	LSCX	LSCN	LB	THID	
		mm	mm	mm	mm	mm	mm	mm	mm	mm		
Short	BT 40	16	95	36	42	50	42	49	39	71	M12x1	
	BT 40	20	100	42	48	50	45	51	41	76	M16x1	
	BT 40	25	110	51	57	50	60	57	47	91	M16x1	
	BT 40	32	120	57	63	50	65	61	51	101	M16x1	

£
898.85 116
798.70 120
898.85 125
898.85 132

→ Min. clamping depth, Page 233

i LSCX = Maximum insertion depth
LSCN = Minimum insertion depth

Spare parts

for Article no.

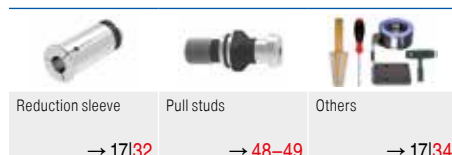
	Article no. 83 950 ...	£		Article no. 83 950 ...	£		Article no. 83 950 ...	£	
83 526 116	Ø5 x 16	7.08	433	M10x1x14	8.65	429	M12x1x18	16.71	446
83 526 120	Ø6 x 16	7.37	434	M10x1x12	17.20	159	M16x1x18,5	18.31	448
83 526 125	Ø6 x 16	7.37	434	M10x1x12	17.20	159	M16x1x22	28.95	449
83 526 132	Ø6 x 16	7.37	434	M10x1x14	8.65	429	M16x1x25	36.03	450

Spare parts

for Article no.

	Article no. 83 950 ...	£		Article no. 80 397 ...	£	
83 526 116	M5x5 - SW2,5	2.89	157	SW5	6.09	050
83 526 120	M5x5 - SW2,5	2.89	157	SW5	6.09	050
83 526 125	M5x5 - SW2,5	2.89	157	SW5	6.09	050
83 526 132	M5x5 - SW2,5	2.89	157	SW5	6.09	050

Accessories



Reduction sleeve

Pull studs

Others

→ 17|32

→ 48-49

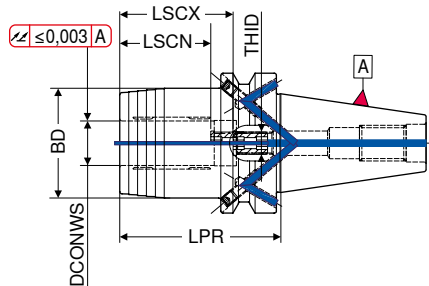
→ 17|34

High pressure chuck, short and stable version

▲ For solid carbide and HSS shanks with h6 tolerance or better

Scope of supply:

Base body with backstop screw and pressure screw



AD/B
G 2,5 n_{max} 25000

Y8

Article no.
83 513 ...

£

338.53

120

Adapter	DCONWS	LPR	BD	LSCX	LSCN	THID
	mm	mm	mm	mm	mm	
BT 40	20	72.5	49	51	40	M16x1x13,5

→ Min. clamping depth, Page 233

i LSCX = Maximum insertion depth
LSCN = Minimum insertion depth

		Y7  Cylindrical screw		Y7  Clamping key – T		Y7  Pressure screw		Y7  Stop screw IK				
Spare parts		Article no. 83 950 ...		Article no. 80 397 ...		Article no. 83 950 ...		Article no. 83 950 ...				
for Article no.		£		£		£		£				
83 513 120	M5x5 - SW2,5	2.89	157	SW5	6.09	050	M10x1x14	8.65	429	M16x1x13,5 - SW8	21.78	424

Accessories

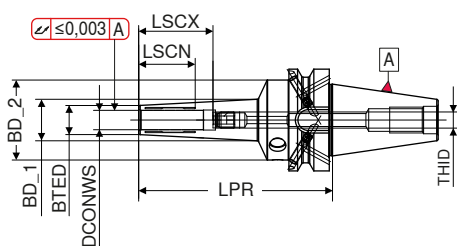
Reduction sleeve	Pull studs	Others
→ 17 32	→ 91-92	→ 17 34

High pressure chuck, slim 3°

▲ For solid carbide and HSS shanks with h6 tolerance or better

Scope of supply:

Base body with backstop screw, pressure screw and screw plug



AD/B
G 2,5 n_{max} 25000

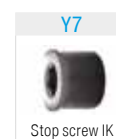
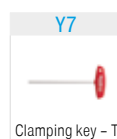
Y8

Article no.
83 522 ...

	Adapter	DCONWS	LPR	BTED	BD_1	BD_2	LSCX	LSCN	THID	
		mm	mm	mm	mm	mm	mm	mm		
long	BT40	3	120	9	16.55	49.5	28	12	M3	662.25 103
	BT40	4	120	10	17.55	49.5	28	16	M3	662.25 104
	BT40	5	120	11	18.55	49.5	28	20	M3	662.25 105
	BT40	6	120	12	19.55	49.5	37	27	M5	564.78 106
	BT40	8	120	14	21.55	49.5	37	27	M6	564.78 108
	BT40	10	120	16	23.65	49.5	41	31	M8x1	564.78 110
	BT40	12	120	18	25.76	49.5	46	36	M10x1	564.78 112
	BT40	16	120	24	31.45	49.5	49	39	M12x1	812.06 116
	BT40	20	120	28	35.55	49.5	51	41	M16x1	812.06 120
	BT40	6	160	16	33.53	49.5	37	27	M5	850.00 206
	BT40	8	160	18	34.60	49.5	37	27	M6	850.00 208
	BT40	10	160	20	36.27	49.5	41	31	M8x1	850.00 210
	BT40	12	160	22	37.88	49.5	46	36	M10x1	850.00 212
	BT40	6	200	16	37.88	49.5	37	27	M5	955.22 306
	BT40	8	200	18	38.90	49.5	37	27	M6	955.22 308
	BT40	10	200	20	40.57	49.5	41	31	M8x1	955.22 310
	BT40	12	200	22	42.18	49.5	46	36	M10x1	955.22 312

→ Min. clamping depth, Page 233

i LSCX = Maximum insertion depth
LSCN = Minimum insertion depth



Spare parts

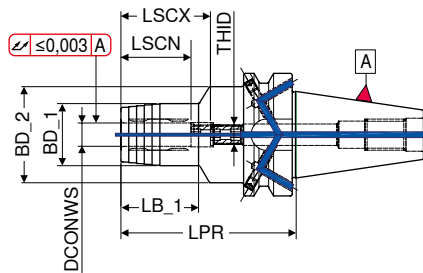
for Article no.	Article no. 83 950 ...	Article no. 80 397 ...	Article no. 83 950 ...	Article no. 83 950 ...
	£	£	£	£
83 522 103	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x10 17.20 158	M3x20 - SW1,5 13.10 172
83 522 104	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x10 17.20 158	M3x20 - SW1,5 13.10 172
83 522 105	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x10 17.20 158	M3x20 - SW1,5 13.10 172
83 522 106	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x10 17.20 158	M5x12,5 - SW2,5 18.89 418
83 522 108	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x10 17.20 158	M6x12,5 - SW3 18.89 419
83 522 110	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x12 17.20 159	M8x1x13,5 - SW3 18.89 420
83 522 112	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x12 17.20 159	M10x1x13,5 - SW5 18.89 421
83 522 116	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x12 17.20 159	M12x1x13,5 - SW5 18.89 422
83 522 120	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x12 17.20 159	M16x1x13,5 - SW8 21.78 424
83 522 206	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x10 17.20 158	M5x12,5 - SW2,5 18.89 418
83 522 208	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x10 17.20 158	M6x12,5 - SW3 18.89 419
83 522 210	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x12 17.20 159	M8x1x13,5 - SW3 18.89 420
83 522 212	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x12 17.20 159	M10x1x13,5 - SW5 18.89 421
83 522 306	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x10 17.20 158	M5x12,5 - SW2,5 18.89 418
83 522 308	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x10 17.20 158	M6x12,5 - SW3 18.89 419
83 522 310	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x12 17.20 159	M8x1x13,5 - SW3 18.89 420
83 522 312	M5x5 - SW2,5 2.89 157	SW5 6.09 050	M10x1x12 17.20 159	M10x1x13,5 - SW5 18.89 421

Hydraulic chuck MAS BT, short and slim version

▲ For solid carbide and HSS shanks with h6 tolerance or better

Scope of supply:

Base body with backstop screw and pressure screw



AD/B
G 2,5 n_{max} 25000
Y8

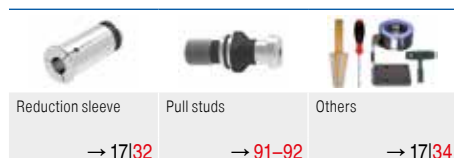
Adapter	DCONWS	LPR	BD_1	BD_2	LSCX	LSCN	LB_1	THID	Article no.	£
	mm	mm	mm	mm	mm	mm	mm		83 521 ...	
BT 40	6	90	26	49.5	37	27	29	M5	658.06	106
BT 40	8	90	28	49.5	37	27	30	M6	658.06	108
BT 40	10	90	30	49.5	41	31	35	M8x1	658.06	110
BT 40	12	90	32	49.5	46	36	40	M10x1	575.25	112
BT 40	16	90	38	49.5	49	39	45	M12x1	658.06	116
BT 40	20	90	42	49.5	51	41	47	M16x1	575.25	120
BT 40	25	90	55	52.0	57	47	50	M16x1	658.06	125
BT 40	32	90	63	62.0	61	51	48	M16x1	658.06	132
BT 50	6	90	26	49.5	37	27	29	M5	920.97	306
BT 50	8	90	28	49.5	37	27	30	M6	920.97	308
BT 50	10	90	30	49.5	41	31	34	M8x1	920.97	310
BT 50	12	90	32	49.5	46	36	34	M10x1	836.72	312
BT 50	16	90	38	49.5	49	39	35	M12x1	920.97	316
BT 50	20	90	42	49.5	51	41	35	M16x1	836.72	320
BT 50	25	110	55	63.0	57	47	48	M16x1	920.97	325
BT 50	32	110	63	70.0	61	51	50	M16x1	920.97	332

→ Min. clamping depth, Page 233

Spare parts

DCONWS	Article no.	£	Article no.	£	Article no.	£
	83 950 ...		83 950 ...		83 950 ...	
6	M8x1x10	13.08 439			M5x12,5 - SW2,5	18.89 418
8	M8x1x10	13.08 439	M6x14 - SW2	18.89 417	M6x12,5 - SW3	18.89 419
10	M10x1x12	13.08 440			M8x1x13,5 - SW3	18.89 420
12	M10x1x12	13.08 440			M10x1x13,5 - SW5	18.89 421
16	M10x1x12	13.08 440			M12x1x13,5 - SW5	18.89 422
20 - 32	M10x1x12	13.08 440			M16x1x13,5 - SW8	21.78 424

Accessories

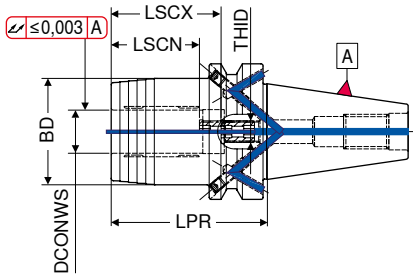


Hydraulic chuck MAS BT, short and stable version

▲ For solid carbide and HSS shanks with h6 tolerance or better

Scope of supply:

Base body with backstop screw and pressure screw



AD/B
G 2,5 n_{max} 25000

Y8

Article no.
83 518 ...

£

447.41 120

533.13 332

→ Min. clamping depth, Page 233

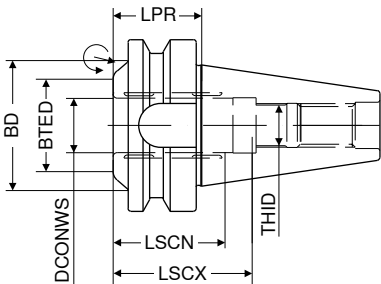
Adapter	DCONWS	LPR	BD	LSCX	LSCN	THID
	mm	mm	mm	mm	mm	
BT 40	20	72.5	49.5	51	41	M16x1
BT 50	32	90.0	72.0	61	51	M16x1

Hydraulic chuck, extra short

▲ For solid carbide and HSS shanks to h6 tolerance or better

Scope of supply:

Base body with backstop screw and pressure screw



AD
G 2,5 n_{max} 25000

Y8

Article no.
83 523 ...

£

523.33 120

→ Min. clamping depth, Page 233

Adapter	DCONWS	LPR	BTED	BD	LSCX	LSCN	THID
	mm	mm	mm	mm	mm	mm	
BT 40	20	32.5	34	48	51	41	M16x1

Spare parts DCONWS

20 - 32

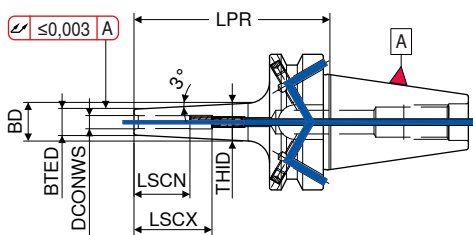
Y7	
	Pressure screw
Article no.	83 950 ...
£	13.08
	440

Y7	
	Stop screw IK
Article no.	83 950 ...
£	21.78
	424

Shrink adapter, Slim 3°

▲ For solid carbide and HSS shanks to h6 tolerance or better

TG

AD/B
G 2,5 n_{max} 25000
Y8Article no.
84 323 ...

£

	Adapter	DCONWS	LPR	BTED	BD	LSCX	LSCN	THID		
		mm	mm	mm	mm	mm	mm			
short	BT 40	3	90	9	15	28	12	M6	533.31	103
	BT 40	4	90	10	16	28	16	M6	518.90	104
	BT 40	5	90	11	17	30	20	M6	518.90	105
	BT 40	6	90	12	18	36	26	M5	461.23	106
	BT 40	8	90	14	20	36	26	M6	461.23	108
	BT 40	10	90	16	22	41	31	M8x1	461.23	110
	BT 40	12	90	18	24	47	37	M10x1	461.23	112
	BT 40	14	90	20	26	47	37	M10x1	461.23	114
	BT 40	16	90	22	28	50	40	M12x1	461.23	116
	BT 40	18	90	24	30	50	40	M12x1	461.23	118
	BT 40	20	90	26	32	52	42	M16x1	461.23	120
long	BT 40	3	120	9	16	12	12		594.55	203
	BT 40	4	120	10	17	16	16		583.75	204
	BT 40	5	120	11	18	20	20		583.75	205
	BT 40	6	120	12	21	36	26	M5	522.50	206
	BT 40	8	120	14	23	36	26	M6	522.50	208
	BT 40	10	120	16	25	41	31	M8x1	522.50	210
	BT 40	12	120	18	27	47	37	M10x1	522.50	212
	BT 40	14	120	20	29	47	37	M10x1	522.50	214
	BT 40	16	120	22	31	50	40	M12x1	522.50	216
	BT 40	18	120	24	33	50	40	M12x1	522.50	218
	BT 40	20	120	26	35	52	42	M16x1	522.50	220
extra-long	BT 40	3	160	9	19	12	12		670.23	303
	BT 40	4	160	10	20	16	16		659.42	304
	BT 40	5	160	11	21	20	20		659.42	305
	BT 40	6	160	12	24	36	26	M5	598.17	306
	BT 40	8	160	14	26	36	26	M6	598.17	308
	BT 40	10	160	16	28	41	31	M8x1	598.17	310
	BT 40	12	160	18	30	47	37	M10x1	598.17	312
	BT 40	14	160	20	32	47	37	M10x1	598.17	314
	BT 40	16	160	22	34	50	40	M12x1	598.17	316
	BT 40	18	160	24	36	50	40	M12x1	598.17	318
	BT 40	20	160	26	38	52	42	M16x1	598.17	320

→ Min. clamping depth, Page 233

Y7



Stop screw IK

Article no.
83 950 ...

£

18.89 417

Y7



Stop screw IK

Article no.
83 950 ...

£

M5x12,5 - SW2,5	18.89	418
M6x12,5 - SW3	18.89	419
M8x1x13,5 - SW3	18.89	420
M10x1x13,5 - SW5	18.89	421
M12x1x13,5 - SW5	18.89	422
M16x1x13,5 - SW8	21.78	424

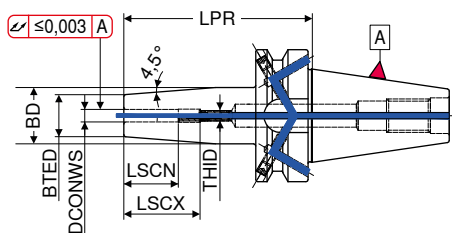
Spare parts
DCONWS

3 - 5	M6x14 - SW2	18.89	417
6			
8			
10			
12 - 14			
16 - 18			
20			

Shrink fit adapters 4.5°

▲ For solid carbide and HSS shanks to h6 tolerance or better

TG

AD/B
G 2,5 n_{max} 25000AD
G 2,5 n_{max} 25000

	Adapter	DCONWS	LPR	BTED	BD	LSCX	LSCN	THID		Article no. 84 303 ...	Article no. 84 303 ...
		mm	mm	mm	mm	mm	mm			£	£
short	BT 30	3	85	10	17	28	12	M6			536.91
	BT 30	4	85	15	22	28	16	M6			518.90
	BT 30	5	85	15	22	30	20	M6			518.90
	BT 30	6	85	21	27	36	26	M5			461.23
	BT 30	8	85	21	27	36	26	M6			461.23
	BT 30	10	85	24	32	41	31	M8x1			461.23
	BT 30	12	85	24	32	47	37	M10x1			461.23
	BT 30	14	85	27	34	47	37	M10x1			461.23
	BT 30	16	85	27	34	50	40	M12x1			461.23
	BT 30	18	85	33	42	50	40	M12x1			461.23
	BT 30	20	85	33	42	52	42	M16x1			461.23
	BT 40	3	90	10	17	28	12	M6	253.68	103	
	BT 40	4	90	15	22	28	16	M6	246.55	104	
	BT 40	5	90	15	22	30	20	M6	246.55	105	
	BT 40	6	90	21	27	36	26	M5	216.98	106	
	BT 40	8	90	21	27	36	26	M6	216.98	108	
	BT 40	10	90	24	32	41	31	M8x1	216.98	110	
	BT 40	12	90	24	32	47	37	M10x1	216.98	112	
	BT 40	14	90	27	34	47	37	M10x1	216.98	114	
	BT 40	16	90	27	34	50	40	M12x1	216.98	116	
	BT 40	18	90	33	42	50	40	M12x1	216.98	118	
	BT 40	20	90	33	42	52	42	M16x1	216.98	120	
	BT 40	25	100	44	53	58	48	M16x1	216.98	125	
long	BT 40	3	120	10	20	12	12		284.71	203	
	BT 40	4	120	15	22	16	16		277.58	204	
	BT 40	5	120	15	22	20	20		277.58	205	
	BT 40	6	120	21	27	36	26	M5	248.02	206	
	BT 40	8	120	21	27	36	26	M6	248.02	208	
	BT 40	10	120	24	32	41	31	M8x1	248.02	210	
	BT 40	12	120	24	32	47	37	M10x1	248.02	212	
	BT 40	14	120	27	34	47	37	M10x1	248.02	214	
	BT 40	16	120	27	34	50	40	M12x1	248.02	216	
	BT 40	18	120	33	42	50	40	M12x1	248.02	218	
	BT 40	20	120	33	42	52	42	M16x1	248.02	220	
	BT 40	25	120	44	53	58	48	M16x1	248.02	225	
extra-long	BT 40	3	160	10	20	12	12		322.73	303	
	BT 40	4	160	15	22	16	16		315.60	304	
	BT 40	5	160	15	22	20	20		315.60	305	
	BT 40	6	160	21	27	36	26	M5	286.06	306	
	BT 40	8	160	21	27	36	26	M6	286.06	308	
	BT 40	10	160	24	32	41	31	M8x1	286.06	310	
	BT 40	12	160	24	32	47	37	M10x1	286.06	312	
	BT 40	14	160	27	34	47	37	M10x1	286.06	314	
	BT 40	16	160	27	34	50	40	M12x1	286.06	316	
	BT 40	18	160	33	42	50	40	M12x1	286.06	318	
	BT 40	20	160	33	42	52	42	M16x1	286.06	320	
	BT 40	25	160	44	53	58	48	M16x1	286.06	325	

→ Min. clamping depth, Page 233

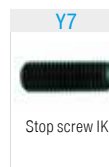
Spare parts
DCONWS3 - 5
6
8
10
12 - 14
16 - 18
20 - 25

M6x14 - SW2

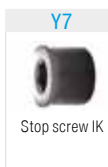
Article no.
83 950 ...

£

18.89 417



Stop screw IK



Stop screw IK

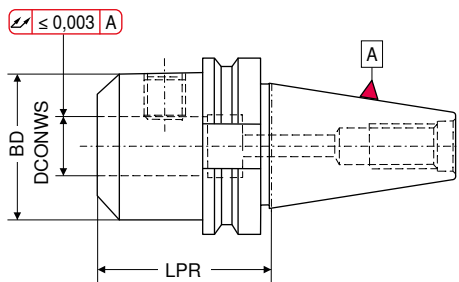
Article no.
83 950 ...

£

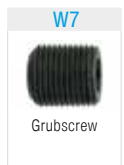
M5x12.5 - SW2.5 18.89 418
M6x12.5 - SW3 18.89 419
M8x1x13.5 - SW3 18.89 420
M10x1x13.5 - SW5 18.89 421
M12x1x13.5 - SW5 18.89 422
M16x1x13.5 - SW8 21.78 424

Cylindrical shank adapter (Weldon)

▲ For shanks according to DIN 6535 HB / 1835 B with lateral clamping flat



	Adapter	DCONWS _{H4}	LPR	BD	AD G 6,3 n _{max} 8000 Y8		AD G 6,3 n _{max} 8000 Y8		AD G 2,5 n _{max} 18000 Y8		ADe G 6,3 n _{max} 8000 Y8	
					Article no. 81 502 ...	£	Article no. 82 502 ...	£	Article no. 82 501 ...	£	Article no. 82 503 ...	£
short	BT 30	6	50	25	84.06	006						
	BT 30	8	50	28	81.97	008						
	BT 30	10	50	35	81.97	010						
	BT 30	12	50	42	81.97	012						
	BT 30	14	50	44	81.97	014						
	BT 30	16	63	48	81.97	016						
	BT 30	18	63	50	81.97	018						
	BT 30	20	63	52	81.97	020						
extra short	BT 40	16	35	48			123.47	416	146.24	416	175.94	416
	BT 40	20	35	50			123.47	420	146.24	420	175.94	420
	BT 40	25	40	50			135.25	425	157.66	425	187.38	425
	BT 40	32	75	72			122.60	432			175.48	432

Spare parts
DCONWS_{H4}

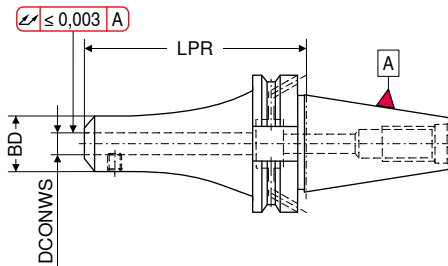
		Article no. 62 950 ...	£
6	M6x10	0.87	006
8	M8x10	0.87	008
10	M10x12	1.67	010
12 - 14	M12x16	1.32	012
16 - 18	M14x16	1.63	016
20	M16x16	1.74	020
25	M18x2x20	3.36	025
32	M20x2x20	3.51	032

Accessories

	
Pull studs	Others
→ 91-92	→ 17 34

Cylindrical shank adapter (Weldon)

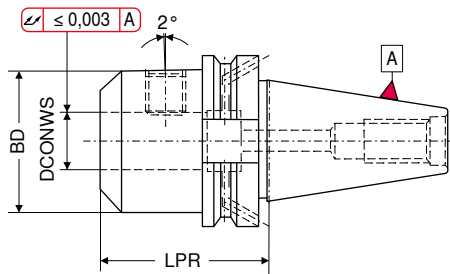
▲ For shanks according to DIN 6535 HB / 1835 B with lateral clamping flat



	Adapter	DCONWS _{H4}	LPR	BD	 AD/B G 6,3 n _{max} 8000 Y8		 AD/B G 2,5 n _{max} 18000 Y8		 AD/Be G 6,3 n _{max} 8000 Y8		 AD/Be G 2,5 n _{max} 18000 Y8	
					Article no. 82 502 ...	£	Article no. 82 501 ...	£	Article no. 82 503 ...	£	Article no. 82 504 ...	£
short	BT 40	6	50	25	84.08	106	96.10	106	120.12	106	126.11	106
	BT 40	8	50	28	84.08	108	96.10	108	120.12	108	126.11	108
	BT 40	10	63	35	84.08	110	96.10	110	120.12	110	126.11	110
	BT 40	12	63	42	84.08	112	96.10	112	120.12	112	126.11	112
	BT 40	14	63	44	84.08	114	96.10	114	120.12	114	126.11	114
	BT 40	16	63	48	84.08	116	96.10	116	120.12	116	126.11	116
	BT 40	18	63	50	84.08	118	96.10	118	120.12	118	126.11	118
	BT 40	20	63	52	84.08	120	96.10	120	120.12	120	126.11	120
	BT 40	25	100	65	84.08	125	96.10	125	120.12	125	126.11	125
	BT 40	32	100	72	84.08	132	96.10	132	120.12	132		
	BT 40	40	120	90	84.08	140						
	BT 50	6	63	25	113.38	206			181.27	206		
	BT 50	8	63	28	113.38	208			181.27	208		
	BT 50	10	80	35	109.13	210			166.94	210		
	BT 50	12	80	42	109.13	212			166.94	212		
	BT 50	14	80	44	109.13	214			166.94	214		
	BT 50	16	80	48	109.13	216			182.78	216		
	BT 50	18	80	50	109.13	218			182.78	218		
	BT 50	20	80	52	109.13	220			182.78	220		
	BT 50	25	100	65	120.11	225			195.86	225		
	BT 50	32	105	72	121.34	232			206.21	232		
	BT 50	40	120	90	126.72	240						
long	BT 40	6	100	25	90.08	506	102.09	506				
	BT 40	8	100	28	90.08	508	102.09	508				
	BT 40	10	100	35	90.08	510	102.09	510				
	BT 40	12	100	42	90.08	512	102.09	512				
	BT 40	14	100	44	90.08	514	102.09	514				
	BT 40	16	100	48	90.08	516	102.09	516				
	BT 40	18	100	50	90.08	518	102.09	518				
	BT 40	20	100	52	90.08	520	102.09	520				
	BT 50	6	100	25	165.74	706						
	BT 50	8	100	28	165.74	708						
	BT 50	10	100	35	158.57	710						
	BT 50	12	100	42	158.57	712						
	BT 50	14	100	44	158.57	714						
	BT 50	16	100	48	159.01	716						
	BT 50	18	100	50	159.01	718						
	BT 50	20	100	52	159.01	720						
	BT 50	25	120	65	170.13	725						
extra-long	BT 40	6	160	25	96.10	606	108.10	606				
	BT 40	8	160	28	96.10	608	108.10	608				
	BT 40	10	160	35	96.10	610	108.10	610				
	BT 40	12	160	42	96.10	612	108.10	612				
	BT 40	14	160	44	96.10	614	108.10	614				
	BT 40	16	160	48	96.10	616	108.10	616				
	BT 40	18	160	50	96.10	618	108.10	618				
	BT 40	20	160	52	96.10	620	108.10	620				
	BT 40	25	160	65	96.10	625	108.10	625				
	BT 50	6	160	25	182.22	806						
	BT 50	8	160	28	182.22	808						
	BT 50	10	160	35	174.83	810						
	BT 50	12	160	42	174.83	812						
	BT 50	14	160	44	174.83	814						
	BT 50	16	160	48	175.73	816						
	BT 50	18	160	50	175.73	818						
	BT 50	20	160	52	175.73	820						
	BT 50	25	160	65	186.38	825						
	BT 50	32	160	72	189.63	832						

Cylindrical Shank Adapter (Whistle Notch)

- ▲ For shanks according to DIN 6535 HE / 1835 E with angled clamping flat
- ▲ The groove in the flat face is a characteristic feature of the Whistle Notch version



	Adapter	DCONWS _{H4}	LPR	BD	AD/B G 6,3 n _{max} 8000		AD/B G 6,3 n _{max} 8000		AD/B G 2,5 n _{max} 18000	
					Y8 Article no. 81 506 ...	£	Y8 Article no. 82 506 ...	£	Y8 Article no. 82 507 ...	£
short	BT 40	6	50	25			126.05	106	148.37	106
	BT 40	8	50	28			126.05	108	148.37	108
	BT 40	10	63	35			116.74	110	139.29	110
	BT 40	12	63	42			116.74	112	139.29	112
	BT 40	14	63	44			116.74	114	139.29	114
	BT 40	16	63	48			128.62	116	150.59	116
	BT 40	18	63	50			128.62	118	150.59	118
	BT 40	20	63	52			128.62	120	150.59	120
	BT 40	25	100	65			137.87	125		
	BT 40	32	100	72			150.21	132		
	BT 40	40	120	80	134.20	140				
	BT 50	6	63	25			184.29	306		
	BT 50	8	63	28			184.29	308		
	BT 50	10	80	35			175.78	310		
	BT 50	12	80	42			175.78	312		
	BT 50	14	80	44			175.78	314		
	BT 50	16	80	48			176.85	316		
	BT 50	18	80	50			176.85	318		
	BT 50	20	80	52			176.85	320		
	BT 50	25	100	65			193.28	325		
	BT 50	32	105	72			196.76	332		
medium length	BT 40	6	130	25			134.66	206	151.48	206
	BT 40	8	130	28			134.66	208	151.48	208
	BT 40	10	130	35			126.02	210	141.76	210
	BT 40	12	130	42			126.02	212	141.76	212
	BT 40	16	130	48			135.49	216	152.42	216
	BT 40	20	130	52			135.49	220	152.42	220
	BT 40	25	130	65			161.87	225	182.12	225
	BT 50	6	130	25			211.67	406		
	BT 50	8	130	28			211.67	408		
	BT 50	10	130	35			200.23	410		
	BT 50	12	130	42			200.23	412		
	BT 50	16	130	48			201.06	416		
	BT 50	20	130	52			201.06	420		
	BT 50	25	130	65			212.51	425		
	BT 50	32	130	72			214.83	432		

Spare parts cylindrical shank adapters (Whistle Notch)

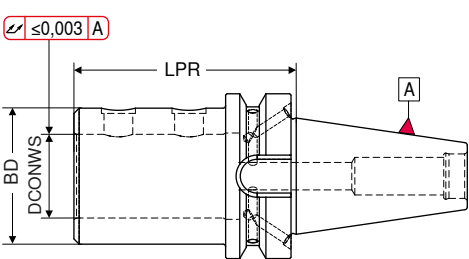
			W7		Y8		Y8	
								
			Grubscrew		Stop screw IK		Stop screw IK	
Spare parts			Article no.		Article no.		Article no.	
DCONWS _{H4}			62 950 ...		81 950 ...		83 950 ...	
			£		£		£	
6	M6x10	0.87	006				M5x35	3.04 033
8	M8x10	0.87	008				M6x35	2.06 034
10	M10x12	1.67	010				M8x35	2.19 035
12 - 14	M12x16	1.32	012				M10x35	2.99 036
16 - 18	M14x16	1.63	016				M12x40	2.67 037
20	M16x16	1.74	020				M16x45	2.58 272
25	M18x2x20	3.36	025				M20x35	4.57 290
32	M20x2x20	3.51	032				M20x35	4.57 290
40	M20x2x20	3.51	032	M22x1,5x15	6.40	057		

i Stop screw 81 950 ... only use for Article 81 506 ...!

Accessories

	
Pull studs	Others
→ 91-92	→ 17/34

Indexable insert drill adapter JIS B 6339 MAS-BT

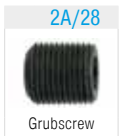


AD/B
G 6,3 n_{max} 15000
2E/45

Article no.	
10 841 ...	
£	
117.55	120
117.55	125
117.55	132
149.36	220
149.36	225
149.36	232
149.36	240
149.36	250

Adapter	DCONWS	LPR	BD
	mm	mm	mm
BT 40	20	75	40
BT 40	25	80	45
BT 40	32	85	52
BT 50	20	85	40
BT 50	25	90	45
BT 50	32	95	52
BT 50	40	105	65
BT 50	50	113	75

i Suitable eccentric sleeves can be found in → **Chapter 3, Indexable insert drilling.**

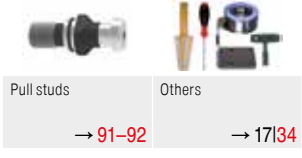


Article no.	
10 950 ...	
£	
3.49	001
3.49	002
3.49	003

Spare parts DCONWS

20	M10x1x10
25 - 32	M12x1x10
40 - 50	M16x1x12

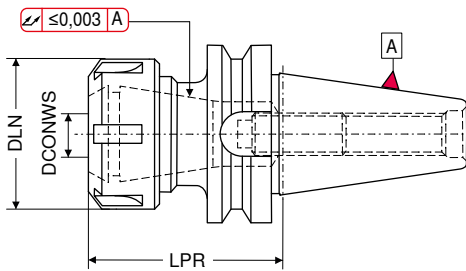
Accessories



ER-Collet chuck

Scope of supply:

Holder with lock nut and adjustable back stop



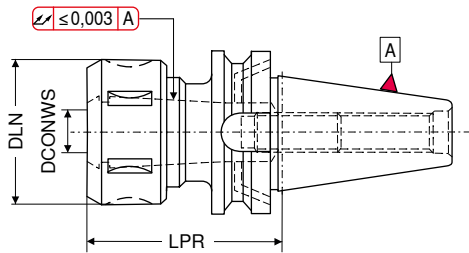
	Adapter	DCONWS mm	LPR mm	DLN mm	TQX Nm	for collet	AD G 6,3 n _{max} 12000 Y8		AD/B G 6,3 n _{max} 12000 Y8		AD G 6,3 n _{max} 8000 Y8		AD/B G 6,3 n _{max} 8000 Y8		AD/B G 2,5 n _{max} 18000 Y8	
							Article no. 81 508 ...		Article no. 81 508 ...		Article no. 82 508 ...		Article no. 82 508 ...		Article no. 82 509 ...	
							£		£		£		£		£	
short	BT 30	1 - 10	70	28	8 - 56	426E (ER16)	107.07	010								
	BT 30	1 - 16	70	42	24 - 104	430E (ER25)	107.07	016								
	BT 30	2 - 20	70	50	24 - 136	470E (ER32)	107.07	020								
	BT 40	1 - 10	60	32	8 - 56	426E (ER16)							84.08	110	102.09	110
	BT 40	1 - 16	70	42	24 - 104	430E (ER25)							88.16	116	102.09	116
	BT 40	2 - 20	70	50	24 - 136	470E (ER32)							88.16	120	102.09	120
	BT 40	3 - 26	70	63	176	472E (ER40)							93.06	126	105.07	126
	BT 50	1 - 10	75	32	8 - 56	426E (ER16)					177.80	910				
long	BT 30	1 - 10	100	28	8 - 56	426E (ER16)	125.89	210								
	BT 30	1 - 16	100	42	24 - 104	430E (ER25)	125.89	216								
	BT 40	1 - 10	120	32	8 - 56	426E (ER16)							96.10	410	114.11	410
	BT 40	1 - 16	120	42	24 - 104	430E (ER25)							96.10	416	114.11	416
	BT 40	2 - 20	120	50	24 - 136	470E (ER32)							96.10	420	114.11	420
	BT 40	3 - 26	100	63	176	472E (ER40)			136.96	426						
	BT 50	1 - 10	100	32	8 - 56	426E (ER16)					180.32	510				
	BT 50	1 - 16	100	42	24 - 104	430E (ER25)					166.88	516				
extra-long	BT 30	1 - 10	160	28	8 - 56	426E (ER16)										
	BT 30	1 - 16	160	42	24 - 104	430E (ER25)										
	BT 30	2 - 20	160	50	24 - 136	470E (ER32)										
	BT 30	3 - 26	160	63	176	472E (ER40)										
	BT 40	1 - 10	160	32	8 - 56	426E (ER16)			147.35	510						
	BT 40	1 - 16	160	42	24 - 104	430E (ER25)			183.61	516						
	BT 40	2 - 20	160	50	24 - 136	470E (ER32)			199.30	520						
	BT 40	3 - 26	160	63	176	472E (ER40)			153.56	526						
	BT 50	1 - 16	160	42	24 - 104	430E (ER25)					185.14	616				
	BT 50	2 - 20	160	50	24 - 136	470E (ER32)					204.53	620				

Spare parts	for collet	W7		Y8		W7		Y8		Y8		Y8	
		Lock nut		Lock nut IK		Lock nut		Y clamping key		Stop screw IK		Stop screw IK	
		Article no. 62 950 ...	£	Article no. 83 950 ...	£	Article no. 62 950 ...	£	Article no. 83 357 ...	£	Article no. 81 950 ...	£	Article no. 83 950 ...	£
	426E (ER16) / BT30-BT50	25.38	044			20.19	054	22.20	116	3.41	053		
	430E (ER25) / BT30			76.11	055	21.03	055	22.20	125	3.98	054		
	430E (ER25) / BT40, BT50			76.11	055	21.03	055	22.20	125	4.42	055	2.67	010
	470E (ER32) / BT30			81.41	056	21.56	056	32.33	132	3.41	053		
	470E (ER32) / BT40, BT50			81.41	056	21.56	056	32.33	132	6.40	057	2.67	010
	472E (ER40) / BT30-BT50			97.97	057	22.33	057	36.64	140	6.40	057	2.58	011

i Backstop screw 81 950... and nut 62 950 044 only for use with article 81 508...!

OZ-Collet chuck

▲ Clamping nut with ball bearings



	Adapter	DCONWS	LPR	DLN	TQX	for collet	 AD G 6,3 n _{max} 12000 Y8		 AD G 6,3 n _{max} 8000 Y8		 AD/B G 6,3 n _{max} 8000 Y8		 AD/B G 2,5 n _{max} 18000 Y8	
							Article no. 81 512 ...	£	Article no. 82 505 ...	£	Article no. 82 505 ...	£	Article no. 82 512 ...	£
short	BT 30	2 - 16	60	43	24 - 104	415E / 421E	113.45	025						
	BT 30	2 - 25	80	60	24 - 176	459E / 462E	119.32	035						
	BT 40	2 - 16	70	43	80 - 90	415E / 421E					133.45	116	212.36	116
	BT 40	2 - 25	70	60	90 - 100	459E / 462E					140.17	125	219.85	125
	BT 50	2 - 25	90	60	90 - 100	459E / 462E	174.05	325						
	BT 50	4 - 32	100	72	110 - 120	460E / 467E	193.99	332						
long	BT 40	2 - 16	120	43	80 - 90	415E / 421E					190.08	416	212.62	416
	BT 40	2 - 25	120	60	90 - 100	459E / 462E					198.35	425	220.78	425
	BT 50	2 - 25	120	60	90 - 100	459E / 462E	222.83	525						
	BT 50	4 - 32	120	72	110 - 120	460E / 467E	244.58	532						

		W7  Lock nut		Y8  Hook clamping key		Y8  Stop screw IK		Y8  Stop screw IK	
Spare parts		Article no. 62 950 ...		Article no. 83 354 ...		Article no. 81 950 ...		Article no. 83 950 ...	
for collet		£		£		£		£	
415E / 421E				22.20	116	M16x15	4.42	055	
415E / 421E	M33x1,5	35.33	050	22.20	116			M10x50	2.67
459E / 462E	M48x2	36.88	051	17.79	125			M10x50	2.67
459E / 462E				17.79	125	M16x15	4.42	055	
460E / 467E	M60x2,5	60.45	052	26.12	132			M10x50	2.67

i Spare part 81 950 ... only use for article 81 512 ...!

Accessories

		
OZ Collet	Pull studs	Others
→ 218	→ 91-92	→ 17 34

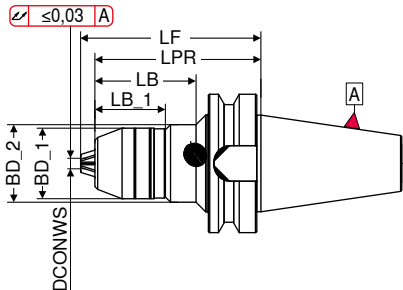
Short drill chuck

- ▲ Independent of direction of rotation
- ▲ Torque Moment = 12 Nm

Scope of supply:

Toolholder including clamping key SW4

NC
2010



Adapter	DCONWS	BD_1	BD_2	LB_1	LB	LPR	LF	 A		 AD		 AD/B	
								G 6,3 n _{max} 10000	Y8	G 6,3 n _{max} 10000	Y8	G 6,3 n _{max} 10000	Y8
	mm	mm	mm	mm	mm	mm	mm	Article no.	84 509 ...	Article no.	84 510 ...	Article no.	84 511 ...
BT 40	0,5 - 13	48.5		50.9		80	89.0	£	422.38	413	£	383.21	413
BT 40	0,5 - 13	48.5		50.9		90	99.0					£	506.63
BT 40	2,5 - 16	51.0		50.9		80	90.5	£	350.02	416	£	376.31	416
BT 50	2,5 - 16	51.0	56	50.9	73	120	130.5	£	498.06	516	£	524.33	516

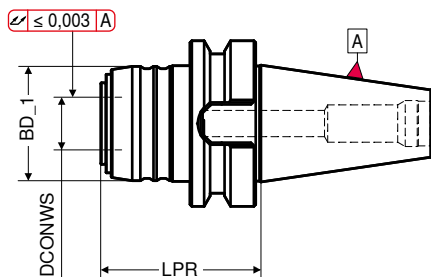
Accessories

	
Pull studs	Others
→ 91-92	→ 17 34

i Can be used with G 2.5 to 30,000 1/min by subsequent balancing !

Synchro tapping chuck with minimum length compensation

- ▲ For collets according to DIN 6499
- ▲ With length compensation under tension 1,0 mm and under compression 0,2 mm (LZD)
- ▲ $p_{\max} = 50$ bar
- ▲ For synchro use



AD

Y8

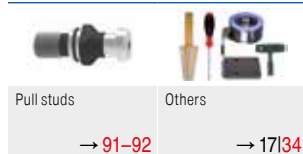
Article no.
83 515 ...

£

272.68 012
353.71 020

Adapter	cutting range	SZID	LPR	BD_1	DCONWS	LZD± mm		
BT 40	M3 - M12	1	61	43	20	1,0 / 0,2	272.68	012
BT 40	M6 - M20	2	82	60	32	1,0 / 0,2	353.71	020
BT 50	M3 - M12	1	72	43	20	1,0 / 0,2	296.21	112
BT 50	M6 - M20	2	93	60	32	1,0 / 0,2	458.46	120

Accessories



Pull studs

Others

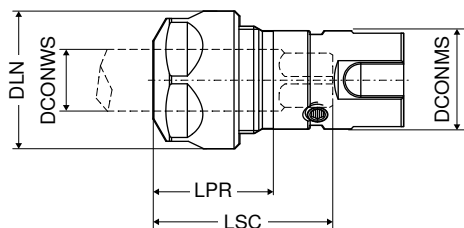
→ 91-92

→ 17|34

Insert for synchro quick change tapping chuck with minimum length compensation

Scope of supply:

Includes lock nut



AD

Y8

Article no.
83 608 ...

£

185.88 012
216.51 020

SZID	DCONWS	cutting range	LPR	DLN	LSC	for collet	DCONMS		
	mm		mm	mm	mm		mm		
1	2 - 10	M3 - M12	24	28	42	426E (ER16)	20	185.88	012
2	2 - 16	M6 - M20	28	42	59	430E (ER25)	32	216.51	020

Spare parts for synchronous tapping chucks

		W7		Y8		W7		Y8	
									
		Lock nut		Lock nut IK		Lock nut		Y clamping key	
Spare parts		Article no.		Article no.		Article no.		Article no.	
for Article no.		62 950 ...		83 950 ...		62 950 ...		83 357 ...	
		£		£		£		£	
83 608 012	M22x1,5 - SW25	25.38	044	M22x1,5	65.34	054		22.20	116
83 608 020				M32x1,5	76.11	055	M32x1,5	21.03	055
								22.20	125

Accessories

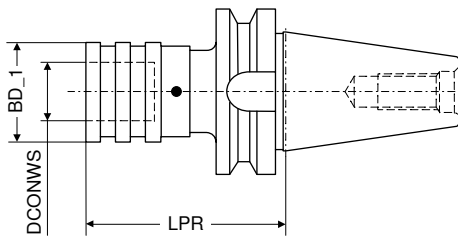


ER collet

→ 212, 214–215

Quick change tap chuck with length compensation

▲ With length compensation under tension and compression (LZD)



A

Y8

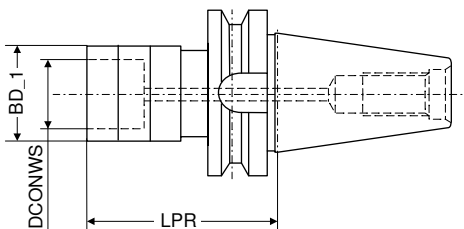
Article no.
83 528 ...

£

Adapter	cutting range	SZID	LPR	BD_1	DCONWS	LZD±		
			mm	mm	mm	mm		
BT 30	M3 - M12	01	63	38	19	9	463.68	312
BT 30	M6 - M20	02	96	55	31	15	581.49	320
BT 40	M3 - M12	01	68	38	19	9	372.04	412
BT 40	M6 - M20	02	93	55	31	15	385.98	420
BT 50	M3 - M12	01	80	38	19	9	623.47	512
BT 50	M6 - M20	02	102	55	31	15	717.75	520

Quick change tap chuck without length compensation

▲ Without length compensation under tension and compression (LZD)



AD

Y8

Article no.
83 525 ...

£

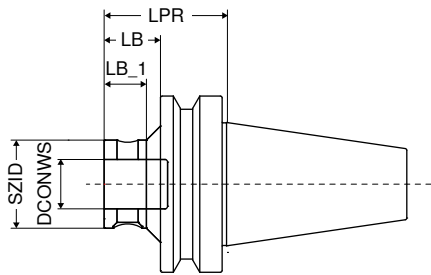
Adapter	cutting range	SZID	LPR	BD_1	DCONWS		
			mm	mm	mm		
BT 40	M3 - M12	01	67	33	19	338.04	412
BT 40	M6 - M20	02	90	50	31	346.02	420
BT 50	M3 - M12	01	78	33	19	450.61	512
BT 50	M6 - M20	02	101	50	31	450.61	520

Accessories

		
Collet	Pull studs	Others
→ 219-223	→ 91-92	→ 17 34

Adapter with ABS Connection

ABS



AD

NEW 3E

Article no.
84 202 ...

£

316.73 04097

362.09 05097

Adapter	KOMET no.	SZID	DCONWS	LPR	LB	LB_1
			mm	mm	mm	mm
BT 40	A5500150	ABS 50	28	60	33	
BT 50	A5500350	ABS 50	28	70	32	24

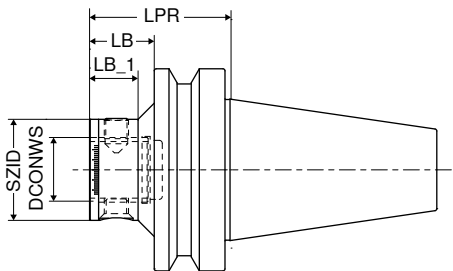
Eccentric adjuster with ABS Connection

▲ Adjustment ± 0.25 mm on diameter

Scope of supply:

Steep taper adapter (Form B) with conversion kit (Form AD) and sealing disc

ABS



AD/B

NEW W4

Article no.
84 205 ...

£

478.13 04097

536.35 05097

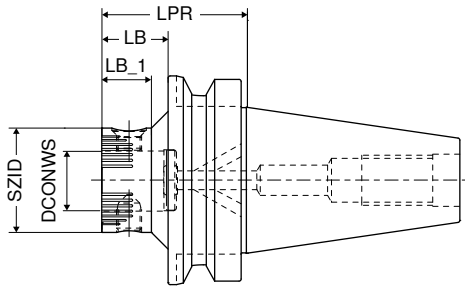
Adapter	KOMET no.	SZID	DCONWS	LPR	LB	LB_1
			mm	mm	mm	mm
BT 40	A5556150	ABS 50	28	60	33	
BT 50	A5556350	ABS 50	28	70	32	24

Torsional vibration dampers with ABS Connection

Scope of supply:

Steep taper adapter (Form B) with conversion kit (Form AD) and sealing disc

ABS



AD/B

NEW 3E

Article no.
84 208 ...

£

680.73 04097

823.45 05097

Adapter	KOMET no.	SZID	DCONWS	LPR	LB	LB_1
			mm	mm	mm	mm
BT 40	A5502150	ABS 50	28	60	33	
BT 50	A5502350	ABS 50	28	70	32	24

Spare parts SZID

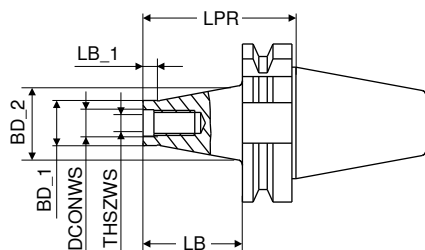
ABS 50

XX	XX	XX
Clamping screw	Taper screw	Set
Article no. 84 950 ...	Article no. 84 950 ...	Article no. 84 950 ...
£	£	£
11.60 20300	14.89 20400	26.43 99800

Accessories

Pull studs	Extension	Others
→ 91-92	→ 17 27	→ 17 34

Adapter for milling cutters with threaded end



AD
G 6,3 n_{max} 18000

WA

Article no.
56 711 ...

£

Adapter	THSZWS	DCONWS	LB	BD_1	BD_2	LB_1	LPR		
		mm	mm	mm	mm	mm	mm		
BT 40	M8	8.5	25	13.8	15	12	52	193.12	081
BT 40	M8	8.5	50	13.8	23	12	77	197.85	082
BT 40	M8	8.5	75	13.8	25	12	102	202.42	083
BT 40	M10	10.5	25	18.0	23	12	52	193.12	101
BT 40	M10	10.5	50	18.0	25	12	77	197.85	102
BT 40	M10	10.5	75	18.0	30	12	102	202.42	103
BT 40	M12	12.5	25	21.0	24	12	52	193.12	121
BT 40	M12	12.5	50	21.0	30	12	77	197.85	122
BT 40	M12	12.5	75	21.0	35	12	102	202.42	123
BT 40	M12	12.5	100	21.0	38	12	127	207.13	124
BT 40	M16	17.0	25	29.0	29	12	52	193.12	161
BT 40	M16	17.0	50	29.0	34	12	77	197.85	162
BT 40	M16	17.0	75	29.0	35	12	102	202.42	163
BT 40	M16	17.0	100	29.0	40	12	127	207.13	164

Accessories

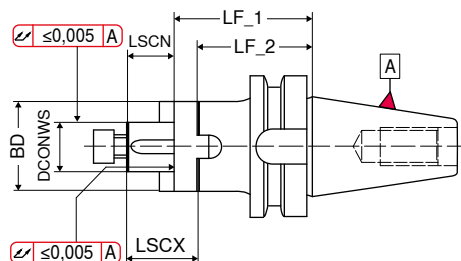
		
Extension-Reduction set → 17 19	Pull studs → 91-92	Others → 17 34

Combination shell mill adapter

▲ For milling cutters with transverse or longitudinal groove according to DIN 6358

Scope of supply:

Toolholder with retaining screw, driving ring and dowel spring



	Adapter	DCONWS	LF_1	BD	LSCX	LSCN	LF_2	 A G 6,3 n _{max} 8000 Y8		 A G 6,3 n _{max} 8000 Y8	
								Article no. 81 516 ...	£	Article no. 82 516 ...	£
short	BT 30	16	45	32	27	17	35				
	BT 30	22	47	40	31	19	35	109.14	016 ¹⁾		
	BT 30	27	49	46	33	21	37	109.14	022 ¹⁾		
								126.94	027 ¹⁾		
	BT 40	16	55	32	27	17	45			141.40	116
	BT 40	22	55	40	31	19	43			146.90	122
	BT 40	27	55	48	33	21	43			149.93	127
	BT 40	32	60	58	38	24	46			157.99	132
	BT 40	40	60	70	41	27	46			166.53	140 ¹⁾
	BT 50	16	70	32	27	17	60			194.91	216
	BT 50	22	70	40	31	19	58			201.83	222
	BT 50	27	70	48	33	21	58			218.45	227
	BT 50	32	70	58	38	24	56			223.72	232
	BT 50	40	70	70	41	27	56			231.88	240 ¹⁾
long	BT 30	16	80	32	27	17	70	138.53	916 ¹⁾		
	BT 30	22	80	40	31	19	68	138.53	922 ¹⁾		
	BT 30	27	90	48	33	21	78	146.99	927 ¹⁾		
	BT 40	16	100	32	27	17	90	187.55	216		
	BT 40	22	100	40	31	19	88	187.55	222		
	BT 40	27	100	48	33	21	88	201.19	227		
	BT 40	32	100	58	38	24	86	223.00	232		
	BT 40	40	100	70	41	27	86	252.92	240		

1) With cross screw

Spare parts DCONWS

	 Y8 Article no. 83 950 ... £		 Y8 Article no. 83 370 ... £		 Y8 Article no. 83 368 ... £		 Y8 Article no. 83 367 ... £		 Y8 Article no. 83 950 ... £	
16	3.29	284	12.13	116	20.07	116	5.33	016	5.65	113
22	3.29	285	11.65	122	24.96	122	5.93	022	6.38	124
27	5.22	286	14.53	127	29.34	127	7.58	027	7.05	125
32	3.71	287	15.25	132	40.00	132	11.90	032	8.59	126
40	4.38	288	25.68	140	39.72	140	12.74	040	9.47	112

Accessories

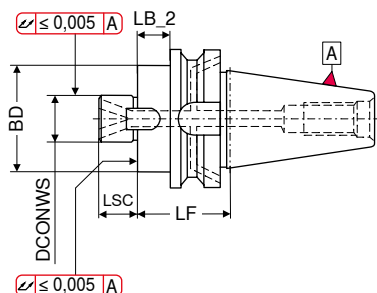
		
Pull studs	Milling Adapter Rings	Others
→ 91-92	→ 17 28	→ 17 34

Shell mill adapter

▲ With fixed drive dogs and enlarged contact face for milling cutters with transverse groove

Scope of supply:

Toolholder with retaining screw



	Adapter	DCONWS	LB_2	LF	BD	LSC	 A G 6,3 n _{max} 8000 Y8 Article no. 81 514 ... £		 AD G 6,3 n _{max} 8000 Y8 Article no. 82 514 ... £		 AD/B G 6,3 n _{max} 8000 Y8 Article no. 82 514 ... £	
short	BT 30	16	18	40	38	17	104.97	016 ²⁾				
	BT 30	22	18	40	48	19	104.97	022 ²⁾				
	BT 30	27	18	40	58	21	119.68	027 ²⁾				
	BT 30	32	28	50	78	24	130.23	032 ²⁾				
	BT 40	16	25	52	38	17					109.13	116
	BT 40	22	25	52	48	19					118.75	122
	BT 40	27	25	52	58	21					120.11	127
	BT 40	32	23	50	78	24					126.72	132
	BT 40	40	23	50	88	27					137.71	140 ¹⁾
	BT 50	16	25	63	38	17			160.38	316		
	BT 50	22	25	63	48	19			165.74	322		
	BT 50	27	25	63	58	21			169.68	327		
	BT 50	32	22	60	78	24			184.91	332		
	BT 50	40	22	60	88	27			188.72	340 ¹⁾		
	BT 40	16	73	100	38	17					117.28	416
	BT 40	22	73	100	48	19					124.03	422
long	BT 40	27	73	100	58	21					126.72	427
	BT 40	32	73	100	78	24					133.45	432
	BT 40	40	73	100	88	27					141.63	440 ¹⁾
	BT 50	16	62	100	38	17			204.30	616		
	BT 50	22	62	100	48	19			209.26	622		
	BT 50	27	62	100	58	21			215.96	627		
	BT 50	32	62	100	78	24			222.83	632		
	BT 50	40	62	100	88	27			227.66	640 ¹⁾		
	BT 40	16	103	130	38	17					124.29	816
	BT 40	22	103	130	48	19					128.35	822
medium length	BT 40	27	103	130	58	21					130.33	827
	BT 40	32	103	130	78	24					136.57	832
	BT 40	40	103	130	88	27					142.63	840 ¹⁾
	BT 50	16	92	130	38	17			174.01	916		
	BT 50	22	92	130	48	19			177.69	922		
	BT 50	27	92	130	58	21			182.98	927		
	BT 50	32	92	130	78	24			188.30	932		
	BT 50	40	92	130	88	27			191.93	940 ¹⁾		
	BT 40	16	133	160	38	17					160.81	516
	BT 40	22	133	160	48	19					165.74	522
extra-long	BT 40	27	133	160	58	21					168.21	527
	BT 40	32	133	160	78	24					176.17	532
	BT 40	40	133	160	88	27					183.56	540 ¹⁾
	BT 50	16	122	160	38	17			224.38	716		
	BT 50	22	122	160	48	19			229.21	722		
	BT 50	27	122	160	58	21			236.05	727		
	BT 50	32	122	160	78	24			242.90	732		
	BT 50	40	122	160	88	27			247.58	740 ¹⁾		

1) With cross screw and 4 holes M12, Pitch Circle diameter = 66.7 mm, coolant outlet on the outer diameter of the spigot (DCONWS)!

2) With cross screw

Spare parts facemill adapters

				Y8		Y8		Y8		Y8	
											
Spare parts DCONWS				Article no. 83 950 ...		Article no. 83 368 ...		Article no. 83 367 ...		Article no. 83 950 ...	
				£		£		£		£	
16	8x9x17,5	13.66	120	20.07	116	M8	5.33	016	M8x25	5.65	113
22	10x11x20,5	14.10	121	24.96	122	M10	5.93	022	M10x25	6.38	124
27	12x13x24,3	15.55	122	29.34	127	M12	7.58	027	M12x30	7.05	125
32	14x21x21,2	15.71	123	40.00	132	M16	11.90	032	M16x35	8.59	126
40	15,9x16,3x19,5	20.92	295	39.72	140	M20	12.74	040	M20x40	9.47	112

				Y8		Y8		Y8	
									
DCONWS				Article no. 81 950 ...		Article no. 81 950 ...		Article no. 83 950 ...	
				£		£		£	
16	8x8x14	13.66	001	M3x8	0.97	010	M3x8	0.97	296
22	10x10x17	14.10	002	M4x8	1.27	011	M4x12	1.27	297
27	12x14x20	15.55	003	M4x14	1.30	012	M5x12	1.30	136
32	14x14x22	15.38	004	M5x13	1.47	013	M5x20	1.38	137
40							M6x16	1.57	138

i Spare part 81 950 ... only use for article 81 514 ...!

Accessories

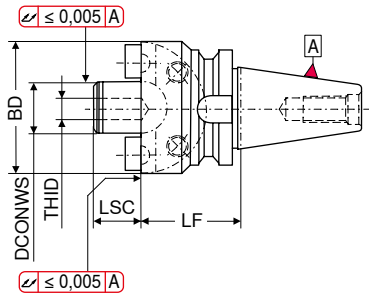
		
Pull studs	Extensions	Others
→ 91-92	→ 17 26	→ 17 34

Large diameter facemill adapter

▲ For milling cutters with keyway or drive slot DIN 6357

Scope of supply:

Holder with integrated drive dogs according to DIN 2079 and 4 fixation screws



A

Y8

Article no.
82 519 ...

£

307.24 240

376.33 260

Adapter	DCONWS	LF	BD	LSC	THID
	mm	mm	mm	mm	
BT 50	40	70	89	30	M20
BT 50	60	80	129	40	M30

Y8



Screw for drivers

Article no.
83 950 ...

£

1.57 138

Y8



Driver

Article no.
83 950 ...

£

20.92 295

2A/28



Socket head screw

Article no.
70 950 ...

£

7.68 181

Y8



clamping screw

Article no.
83 950 ...

£

7.04 140

Spare parts
DCONWS

40	M6x16	1.57	138	15,9x16,3x19,5	20.92	295	M12x30	7.68	181	M12x50	7.04	140
60				25,4x16,3x26,5	23.59	298	M16x45	14.47	160			

Accessories



Pull studs

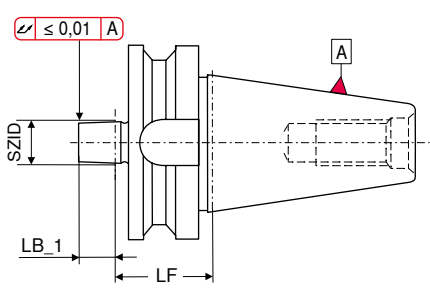
→ 91-92



Others

→ 17|34

Drill chuck adapter



Adapter	SZID	LF	LB_1
		mm	mm
BT 30	B12	25	18.5
BT 30	B16	25	24.0
BT 40	B12	40	18.5
BT 40	B16	40	24.0
BT 40	B18	32	32.0
BT 50	B16	50	24.0
BT 50	B18	50	32.0

A		A	
G 6,3 n _{max} 8000		G 6,3 n _{max} 8000	
Y8		Y8	
Article no.		Article no.	
81 513 ...		82 513 ...	
£		£	
90.26	012		
90.26	016		
		103.01	112
		118.10	116
83.70	118		
		168.97	216
		176.82	218

Spare parts SZID

B12	0 - 8 mm	146.71	012	0 - 10 mm	173.49	112
B16	1 - 13 mm	207.93	016	3 - 16 mm	169.77	116
B18				3 - 16 mm	221.41	018



Accessories

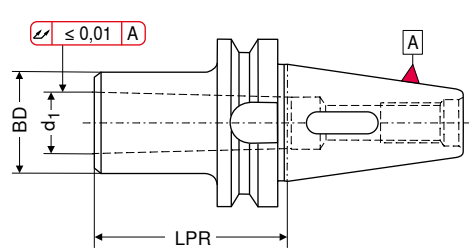
Pull studs

→ 91-92

Others

→ 17|34

Taper sleeve adapter DIN6383 for DIN 228-2D Morse taper shanks



Adapter	d ₁	LPR	BD	AD		AD	
				G 6,3 n _{max} 8000		G 6,3 n _{max} 8000	
		mm	mm	Y8		Y8	
				Article no.		Article no.	
				81 525 ...		82 525 ...	
				£		£	
BT 30	MK1	45	25	110.18			
BT 30	MK2	60	32	100.83			
BT 30	MK3	75	40	100.83			
BT 40	MK1	50	25			95.66	
BT 40	MK2	50	32			98.37	
BT 40	MK3	70	40			105.19	
BT 40	MK4	95	48			110.56	
BT 50	MK1	45	25			120.11	
BT 50	MK2	60	32			124.03	
BT 50	MK3	65	40			170.85	
BT 50	MK4	95	48			133.45	
BT 50	MK5	105	63			145.79	

Accessories

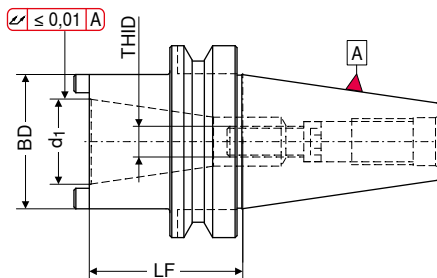
Morse taper adapter sleeve	Pull studs	Others
→ 17 4	→ 91-92	→ 17 34

Milling adapter sleeve

- ▲ For mounting tool holders according to DIN 2080
- ▲ With an extended retaining screw also tool holders according to DIN 69871, MAS-BT and ANSI-CAT can be clamped

Scope of supply:

Holder with clamping screw for DIN 2080 adapters



Adapter	d ₁	LF	BD	THID	Article no. 81 518 ...		Article no. 82 518 ...	
		mm	mm		£		£	
BT 40	SK 30	60	51	M12	194.05	106		
BT 40	SK 40	100	63	M16	194.05	110		
BT 50	SK 40	80	70	M16			304.77	250

Spare parts

for Article no.

	Article no. 83 950 ...	Article no. 81 950 ...	Article no. 81 950 ...	Article no. 83 359 ...	Article no. 81 950 ...
81 518 106	£	£	£	£	£
81 518 110		20.93 160	1.17 033	38.99 017	19.38 170
81 518 110		28.03 161	1.17 033	47.41 023	27.86 171
82 518 250	9.92 009				

Y8	Y8	Y8	Y8	Y8
Clamping screw SK	Clamping Screw	Counterscrew	Hollow key with nose	Fixing ring
Article no. 83 950 ...	Article no. 81 950 ...	Article no. 81 950 ...	Article no. 83 359 ...	Article no. 81 950 ...
£	£	£	£	£
	20.93 160	1.17 033	38.99 017	19.38 170
	28.03 161	1.17 033	47.41 023	27.86 171

Required screw length when retracting of DIN 69871, MAS-BT or DIN 2080 shanks

MAS-BT	Taper Shank	Clamping screw length	Clamping screw length
Suitable for article no.:	Ø d ₁	DIN 69871, MAS-BT THID	DIN 2080 THID
81 518 106	SK 30 – BT 30	M12x55	M12x35 – 81 950 160
81 518 110	SK 40 – BT 40	M16x60	M16x35 – 81 950 161
82 518 250	SK 50 – BT 50	M16x70 – 83 950 256	M16x40 – 83 950 009

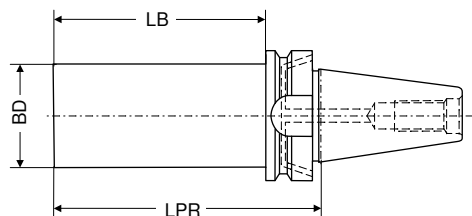
i Spare part 81 950 ... only use for article 81 518 ...!

Accessories

Pull studs	Others
→ 91-92	→ 17 34

Blank

- ▲ Material: Steel 17CrNiMo5
- ▲ For production of special tools
- ▲ Diameter BD turned with 0.5 mm oversize
- ▲ Taper hardened and ground
- ▲ Special tool area in soft state



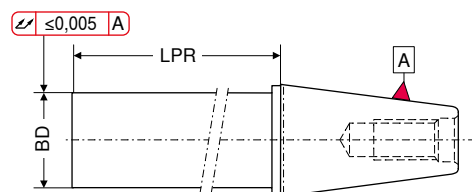
Adapter	BD	LPR	LB	AD/B Y8 Article no. 82 523 ... £ 156.87 040 A Y8 Article no. 82 523 ... £ 261.17 050	
	mm	mm	mm		
BT 40	63.0	250	223		
BT 50	63.5	300	262		

Test bar

- ▲ Without clamping slots
- ▲ MAS BT 40 special pull stud with LF = 32 mm

Scope of supply:

In wooden box



Adapter	BD	LPR	Y8 Article no. 82 456 ... £ 734.83 040 Y8 Article no. 82 456 ... £ 908.97 050	
	mm	mm		
SK / BT 40	40	330		
SK / BT 50	50	330		

Accessories

	
Pull studs	Others
→ 49, 91–92	→ 17 34

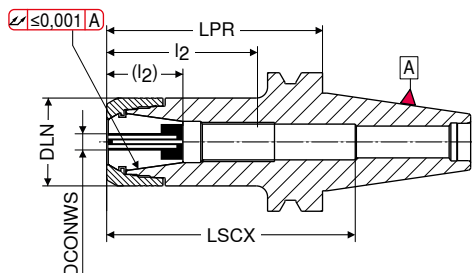
ER Precision Collet chuck – BT-FC

- ▲ With face contact
- ▲ For standard or sealed nuts
- ▲ Maximum clamping range covered according to ISO tolerance field H10
- ▲ For clamping a roll key is required
- ▲ $p_{\max} = 80$ bar

Scope of supply:

Holder **without** nut, **without** backstop

Centro-P



AD

G 2,5 $n_{\max}$ 25000

Y8

Article no.

84 525 ...

£

Adapter	DCONWS	LPR	DLN	LSCX	l_2 (l_2)	for collet		
	mm	mm	mm	mm	mm			
BT-FC 30	1 - 10	75	30	97	28 - 45 (14 - 31)	426E (ER16)	242.21	002
BT-FC 30	2 - 16	75	40	72	38 - 56 (23 - 39)	430E (ER25)	245.67	012
BT-FC 30	2 - 20	75	50	84	42 - 62 (24 - 45)	470E (ER32)	245.67	022
BT-FC 40	1 - 10	75	30	90	38 - 53 (29 - 39)	426E (ER16)	269.89	102
BT-FC 40	2 - 16	75	40	100	42 - 59 (36 - 41)	430E (ER25)	273.35	112
BT-FC 40	2 - 20	75	50	100	42 - 76 (42 - 52)	470E (ER32)	273.35	122

i LSCX = Clamping depth without back stop screw for shanks

l_2 = With back stop screw 1, Dimension in brackets () = With back stop screw 2

Dimension LPR when using tightening nuts with seals 4 mm longer

Spare parts

for Article no.

	Article no.	£		Article no.	£		Article no.	£		Article no.	£	
	84 950 ...			84 950 ...			83 950 ...			83 950 ...		
84 525 002	72.78	011		54.05	001	M11x1 - SW6	45.14	341		M11x1 - SW6	30.24	337
84 525 012	81.12	013		60.06	003	M18x1,5 - SW6	31.75	432		M18x1,5 - SW6	22.65	431
84 525 022	86.74	015		66.06	005	M22x1,5 - SW6	26.82	402		M22x1,5 - SW6	19.53	401
84 525 102	72.78	011		54.05	001	M11x1 - SW6	45.14	341		M11x1 - SW6	30.24	337
84 525 112	81.12	013		60.06	003	M18x1,5 - SW6	31.75	432		M18x1,5 - SW6	22.65	431
84 525 122	86.74	015		66.06	005	M22x1,5 - SW6	26.82	402		M22x1,5 - SW6	19.53	401

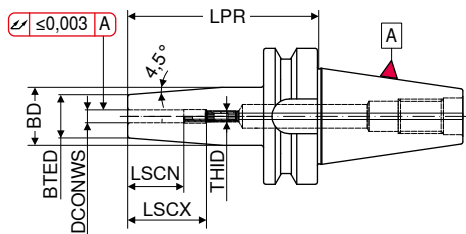
Accessories

ER collet	Sealing ring	Roll key	Roll key device	Pull studs	Others
→ 206, 208–211, 213	→ 207	→ 17 36	→ 17 36	→ 91–92	→ 17 34

Shrink fit adapters 4.5° – BT-FC

▲ For solid carbide and HSS shanks with h6 tolerance or better

TG

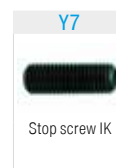
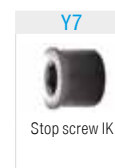


AD
G 2,5 n_{max} 25000



AD/B
G 2,5 n_{max} 25000

	Adapter	DCONWS	LPR	BTED	BD	LSCX	LSCN	THID	Article no. 84 325 ...		Article no. 84 325 ...	
		mm	mm	mm	mm	mm	mm		£		£	
short	BT-FC 30	3	85	10	17	28	12	M6	202.20	003		
	BT-FC 30	4	85	15	22	28	16	M6	202.20	004		
	BT-FC 30	5	85	15	22	30	20	M6	202.20	005		
	BT-FC 30	6	85	21	27	36	26	M5	202.20	006		
	BT-FC 30	8	85	21	27	36	26	M6	202.20	008		
	BT-FC 30	10	85	24	32	41	31	M8x1	202.20	010		
	BT-FC 30	12	85	24	32	47	37	M10x1	202.20	012		
	BT-FC 30	16	85	27	34	50	40	M12x1	202.20	016		
	BT-FC 30	20	85	33	42	52	42	M16x1	202.20	020		
	BT-FC 40	3	90	10	17	28	12	M6			179.49	103
	BT-FC 40	4	90	15	22	28	16	M6			179.49	104
	BT-FC 40	5	90	15	22	30	20	M6			179.49	105
	BT-FC 40	6	90	21	27	36	26	M5			179.49	106
	BT-FC 40	8	90	21	27	36	26	M6			179.49	108
	BT-FC 40	10	90	24	32	41	31	M8x1			179.49	110
	BT-FC 40	12	90	24	32	47	37	M10x1			179.49	112
	BT-FC 40	16	90	27	34	50	40	M12x1			179.49	116
BT-FC 40	20	90	33	42	52	42	M16x1			179.49	120	
BT-FC 40	25	100	44	53	58	48	M16x1			179.49	125	

Article no.
83 950 ...Article no.
83 950 ...

Spare parts
DCONWS

3-5	M6x14 - SW2	18.89	417				
6							
8					M5x12,5 - SW2,5	18.89	418
10					M6x12,5 - SW3	18.89	419
12					M8x1x13,5 - SW3	18.89	420
16					M10x1x13,5 - SW5	18.89	421
20-25					M12x1x13,5 - SW5	18.89	422
				M16x1x13,5 - SW8	21.78	424	

Accessories



Shrink fit extension



Pull studs



Others

→ 17|10

→ 91-92

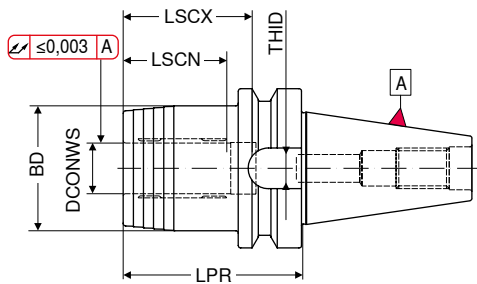
→ 17|34

High pressure chuck, short and stable version – BT-FC

- ▲ With face contact
- ▲ For solid carbide and HSS shanks with h6 tolerance or better

Scope of supply:

Base body with backstop screw and pressure screw



AD
G 2,5 n_{max} 25000
Y8

Article no.
83 527 ...

£
362.08 120

Adapter	DCONWS	LPR	BD	LSCX	LSCN	THID
	mm	mm	mm	mm	mm	
BT-FC 40	20	72.5	49	51	40	M16x1x13,5

i LSCX = Maximum insertion depth
LSCN = Minimum insertion depth

Spare parts

for Article no.
83 527 120

	Y7	Y7	Y7
	Clamping key – T	Pressure screw	Stop screw IK
	Article no. 80 397 ...	Article no. 83 950 ...	Article no. 83 950 ...
	£ 6.09 050	£ 17.20 158	£ 18.89 420
SW5	M10x1x10	M8x1x13,5 - SW3	

Accessories

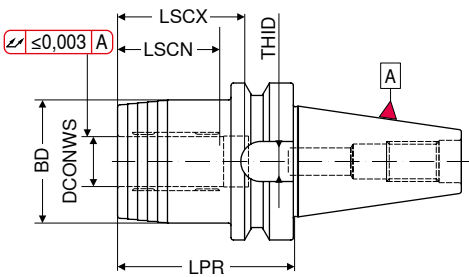
Reduction sleeve	Pull studs	Others
→ 17 32	→ 91-92	→ 17 34

Hydraulic chuck MAS BT, short and stable version – BT-FC

- ▲ With face contact
- ▲ For solid carbide and HSS shanks with h6 tolerance or better

Scope of supply:

Base body with backstop screw and pressure screw



AD
G 2,5 n_{max} 25000
Y8

Adapter	DCONWS	LPR	BD	LSCX	LSCN	THID	Article no.	
	mm	mm	mm	mm	mm		84 518 ...	
BT-FC 40	20	72.5	49.5	51	41	M16x1	325.47	120
BT-FC 50	32	90.0	72.0	61	51	M16x1	434.68	332

Spare parts

DCONWS		Article no.		Article no.
		83 950 ...		83 950 ...
20 - 32	M10x1x12	13.08	440	M16x1x13,5 - SW8 21.78
				424

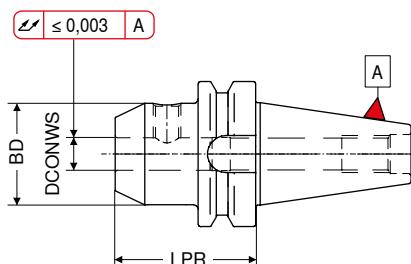
Accessories

Reduction sleeve	Pull studs	Others
→ 17 32	→ 91-92	→ 17 34

Cylindrical shank adapter (Weldon) – BT-FC

▲ With face contact

▲ For shanks according to DIN 6535 / 1835 B with lateral clamping flat

AD
G 2,5 n_{max} 25000
Y8Article no.
84 552 ...

	Adapter	DCONWS _{H4}	LPR	BD		
		mm	mm	mm		
short	BT-FC 30	6	50	25	105.21	006
	BT-FC 30	8	50	28	105.21	008
	BT-FC 30	10	50	35	105.21	010
	BT-FC 30	12	50	42	105.21	012
	BT-FC 30	16	63	48	112.88	016
	BT-FC 30	20	63	52	112.88	020
	BT-FC 40	6	50	25	133.32	106
	BT-FC 40	8	50	28	129.00	108
	BT-FC 40	10	63	35	129.00	110
	BT-FC 40	12	63	42	129.00	112
	BT-FC 40	16	63	48	129.00	116
	BT-FC 40	20	63	52	129.00	120
	BT-FC 40	25	90	65	171.50	125
	BT-FC 40	32	100	72	171.50	132
	BT-FC 50	6	63	25	197.88	306
	BT-FC 50	8	63	28	192.04	308
	BT-FC 50	10	63	35	192.04	310
	BT-FC 50	12	80	42	192.04	312
	BT-FC 50	16	80	48	192.04	316
	BT-FC 50	20	80	52	192.04	320
	BT-FC 50	25	100	65	219.83	325
	BT-FC 50	32	105	72	219.83	332

W7



Grubscrew

Spare parts

DCONWS_{H4}Article no.
62 950 ...

		£	
6	M6x10	0.87	006
8	M8x10	0.87	008
10	M10x12	1.67	010
12	M12x16	1.32	012
16	M14x16	1.63	016
20	M16x16	1.74	020
25	M18x2x20	3.36	025
32	M20x2x20	3.51	032

Accessories



Pull studs

→ 91–92



Others

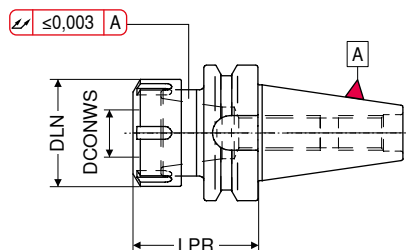
→ 17|34

ER Collet chuck – BT-FC

▲ With face contact

Scope of supply:

Toolholder including nut

AD
G 2,5 n_{max} 20000
Y8

	Adapter	DCONWS	LPR	DLN	TQX	for collet	Article no. 84 557 ...	
		mm	mm	mm	Nm		£	
short	BT-FC 30	1 - 10	63	28	56	426E (ER16)	118.72	010
	BT-FC 30	1 - 16	60	42	104	430E (ER25)	118.72	016
	BT-FC 30	2 - 20	60	50	136	470E (ER32)	118.72	020
	BT-FC 40	1 - 10	63	28	56	426E (ER16)	149.54	110
	BT-FC 40	1 - 16	60	42	104	430E (ER25)	149.54	116
	BT-FC 40	2 - 20	60	50	136	470E (ER32)	149.54	120
	BT-FC 50	1 - 16	70	42	104	430E (ER25)	203.71	316
	BT-FC 50	2 - 20	70	50	136	470E (ER32)	203.71	320
long	BT-FC 50	1 - 10	100	28	56	426E (ER16)	203.71	310

Spare parts

for collet

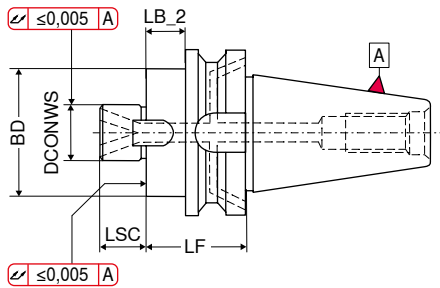
	Article no. 62 950 ...	£	Article no. 62 950 ...	£	Article no. 83 357 ...	£	Article no. 81 950 ...	£
426E (ER16) / BT30-BT50	M22x1,5 - SW25	25.38	044				M12x15	3.98
430E (ER25) / BT30-BT50				M32x1,5	21.03	055	22.20	125
470E (ER32) / BT30-BT50				M40x1,5	21.56	056	32.33	132
							M16x15	4.42
							M16x15	4.42

Accessories

ER collet	Pull studs	Others
→ 214	→ 91-92	→ 17 34

Shell mill adapter – BT-FC

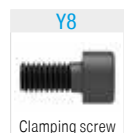
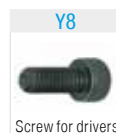
- ▲ With face contact
- ▲ With fixed drive dogs and enlarged contact face for milling cutters with transverse slot



AD
G 6,3 n_{max} 15000
Y8

Article no.
84 562 ...

	Adapter	DCONWS	LB_2	LF	BD	LSC		
		mm	mm	mm	mm	mm	£	
short	BT-FC 30	16	18	40	40	17	115.80	016
	BT-FC 30	22	18	40	50	19	115.80	022
	BT-FC 30	27	18	40	60	21	115.80	027
	BT-FC 30	32	28	50	80	24	115.80	032
	BT-FC 40	16	8	35	40	17	139.27	116
	BT-FC 40	22	8	35	50	19	139.27	122
	BT-FC 40	27	8	35	60	21	139.27	127
	BT-FC 40	32	23	50	80	24	139.27	132
	BT-FC 40	40	23	50	89	27	139.27	140
	BT-FC 50	22	12	50	50	19	161.22	322
	BT-FC 50	27	12	50	60	21	161.22	327
	BT-FC 50	32	12	50	80	24	171.50	332
	BT-FC 50	40	17	55	89	27	171.50	340

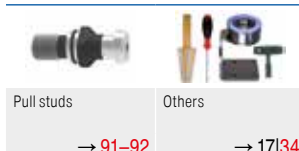


Spare parts

for Article no.

84 562 016	M3x12	7.81	162	8x9x11	19.85	157	M8x25	5.65	113
84 562 022	M4x10	7.81	163	10x11,2x13	23.36	158	M10x25	6.38	124
84 562 027	M4x16	7.81	164	12x12,6x15	25.30	159	M12x30	7.05	125
84 562 032	M5x16	7.81	165	14x14x22,5	28.76	160	M16x35	8.59	126
84 562 116	M3x12	7.81	162	8x9x11	19.85	157	M8x25	5.65	113
84 562 122	M4x10	7.81	163	10x11,2x13	23.36	158	M10x25	6.38	124
84 562 127	M4x16	7.81	164	12x12,6x15	25.30	159	M12x30	7.05	125
84 562 132	M5x16	7.81	165	14x14x22,5	28.76	160	M16x35	8.59	126
84 562 140	M5x16	7.81	166	16x16x23	32.01	161	M20x40	9.47	112
84 562 322	M4x10	7.81	163	12x12,6x15	25.30	159	M10x25	6.38	124
84 562 327	M4x16	7.81	164	12x12,6x15	25.30	159	M12x30	7.05	125
84 562 332	M5x16	7.81	165	14x14x22,5	28.76	160	M16x35	8.59	126
84 562 340	M5x16	7.81	166	16x16x23	32.01	161	M20x40	9.47	112

Accessories

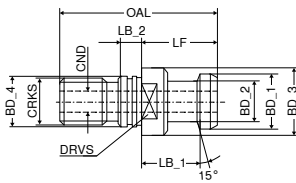


Pull stud for tool holders according to JIS B 6339

▲ MAS-BT 15° Form A

Scope of supply:

Including O-Ring



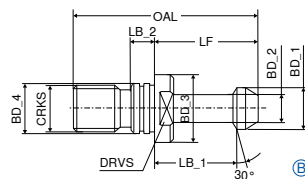
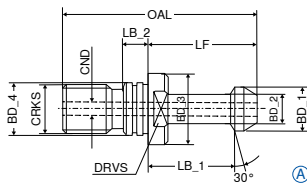
Adapter	BD_1	BD_2	BD_3	BD_4	CRKS	OAL	LF	LB_1	LB_2	CND	DRVS	TQX	Y8 Article no. 83 532 ... £ 17.44	040
BT 40	19	14	23	17	M16	54	29	23	5	5	19	90		

Pull stud for tool holders according to JIS B 6339

▲ MAS-BT 30° Form A and B

Scope of supply:

Including O-Ring



Adapter	BD_1	BD_2	BD_3	BD_4	CRKS	OAL	LF	LB_1	LB_2	CND	DRVS	TQX	form	Y8 Article no. 82 533 ... £ 17.31 14.83 21.04	Y8 Article no. 82 531 ... £ 17.31 22.28	030 040 050
BT 30	11	7	16.5	12.5	M12	43	23	18	4.0	2.2	13	60	A			
BT 40	15	10	23.0	17.0	M16	60	35	28	5.5	4.0	19	90	A			
BT 50	23	17	38.0	25.0	M24	85	45	35	8.0	6.0	30	145	A			
BT 30	11	7	16.5	12.5	M12	43	23	18	4.0		13	60	B			
BT 40	15	10	23.0	17.0	M16	60	35	28	5.5		19	90	B			
BT 50	23	17	38.0	25.0	M24	85	45	35	8.0		30	145	B			



Spare parts

BD_4

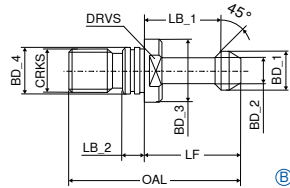
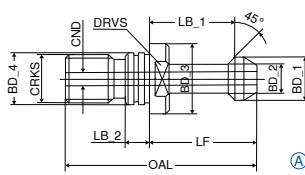
BD_4	Article no. 83 476 ... £ 2.37	040
17	BT / SK 40	040
25	BT / SK 50	050

Pull stud for tool holders according to JIS B 6339

▲ MAS-BT 45° Form A and B

Scope of supply:

Including O-Ring



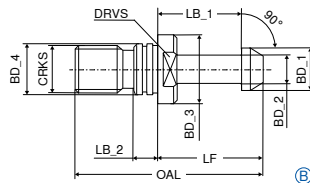
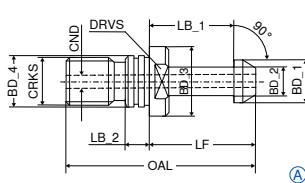
Adapter	BD_1	BD_2	BD_3	BD_4	CRKS	OAL	LF	LB_1	LB_2	CND	DRVS	TQX	form	Y8	
														Article no. 82 530 ...	Article no. 82 534 ...
	mm	mm	mm	mm		mm	mm	mm	mm	mm	mm	Nm		£	£
BT 30	11	7	16.5	12.5	M12	43	23	18	4.0	2.2	13	60	A		17.31 030
BT 40	15	10	23.0	17.0	M16	60	35	28	5.5	4.0	19	90	A		17.31 040
BT 50	23	17	38.0	25.0	M24	85	45	35	8.0	6.0	30	145	A		22.28 050
BT 30	11	7	16.5	12.5	M12	43	23	18	4.0		13	60	B	17.31 030	
BT 40	15	10	23.0	17.0	M16	60	35	28	5.5		19	90	B	14.83 040	
BT 50	23	17	38.0	25.0	M24	85	45	35	8.0		30	145	B	21.04 050	

Pull stud for tool holders according to JIS B 6339

▲ MAS-BT 90° Form A and B

Scope of supply:

Including O-Ring



Adapter	BD_1	BD_2	BD_3	BD_4	CRKS	OAL	LF	LB_1	LB_2	CND	DRVS	TQX	form	Y8	
														Article no. 82 536 ...	Article no. 82 537 ...
	mm	mm	mm	mm		mm	mm	mm	mm	mm	mm	Nm		£	£
BT 40	15	10	23	17	M16	60	35	28	5.5	4	19	90	A		17.31 040
BT 50	23	17	38	25	M24	85	45	35	8.0	6	30	145	A		22.28 050
BT 40	15	10	23	17	M16	60	35	28	5.5		19	90	B	14.83 040	
BT 50	23	17	38	25	M24	85	45	35	8.0		30	145	B	21.04 050	

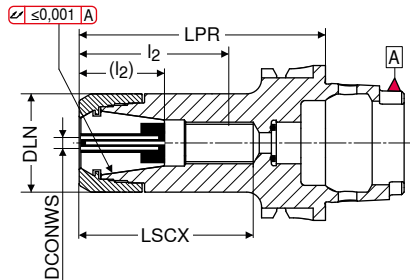
ER Precision Collet chuck

- ▲ For standard or sealed nuts
- ▲ Maximum size collet to ISO tolerance field H10
- ▲ For clamping a roll key is required
- ▲ $p_{\max} = 80$ bar

Scope of supply:

Holder **without** nut, **without** backstop

Centro-P



AD
G 2,5 $n_{\max}$ 25000
Y8

Adapter	DCONWS	LPR	DLN	LSCX	l_2 (l_2) mm	for collet	Article no. 84 722 ...	£	
HSK-A 40	1 - 10	60	30	40	32 - 54	426E (ER16)	242.71	401	
HSK-A 40	2 - 16	60	40	40		430E (ER25)	281.00	404	
HSK-A 40	2 - 20	61	50	45		470E (ER32)	304.36	407	
HSK-A 50	2 - 16	60	40	37		430E (ER25)	281.00	504	
HSK-A 50	2 - 16	70	40	49	34 - 35	430E (ER25)	281.00	505	
HSK-A 50	2 - 20	70	50	47		470E (ER32)	304.36	507	
HSK-A 63	1 - 10	55	30	32		426E (ER16)	271.50	609	
HSK-A 63	1 - 10	100	30	71	28 - 45 (16 - 31)	426E (ER16)	264.15	610	
HSK-A 63	1 - 10	130	30	87	26 - 50 (17 - 38)	426E (ER16)	304.36	613	
HSK-A 63	1 - 10	160	30	106	28 - 45 (16 - 31)	426E (ER16)	321.15	611	
HSK-A 63	1 - 10	200	30	136	28 - 45 (16 - 31)	426E (ER16)	542.87	612	
HSK-A 63	2 - 16	60	40	37		430E (ER25)	271.50	615	
HSK-A 63	2 - 16	100	40	70	35 - 55 (24 - 37)	430E (ER25)	264.15	616	
HSK-A 63	2 - 16	130	40	89	37 - 60 (12 - 42)	430E (ER25)	327.75	619	
HSK-A 63	2 - 16	160	40	128	35 - 60 (24 - 42)	430E (ER25)	337.45	617	
HSK-A 63	2 - 16	200	40	148	35 - 60 (24 - 42)	430E (ER25)	542.87	618	
HSK-A 63	2 - 20	70	50	46		470E (ER32)	264.15	620	
HSK-A 63	2 - 20	100	50	71	41 - 57 (26 - 39)	470E (ER32)	264.15	621	
HSK-A 63	2 - 20	130	50	101	42 - 69 (18 - 41)	470E (ER32)	327.75	625	
HSK-A 63	2 - 20	160	50	129	52 - 70 (26 - 60)	470E (ER32)	337.45	622	
HSK-A 63	3 - 26	80	63	56		472E (ER40)	339.34	626 ¹⁾	
HSK-A 100	1 - 10	100	30	70	28 - 48 (16 - 35)	426E (ER16)	523.10	110	
HSK-A 100	1 - 10	160	30	130	28 - 48 (16 - 35)	426E (ER16)	749.13	111	
HSK-A 100	2 - 16	100	40	71	38 - 56 (20 - 40)	430E (ER25)	523.10	116	
HSK-A 100	2 - 16	160	40	105	38 - 68 (20 - 50)	430E (ER25)	749.13	117	
HSK-A 100	2 - 20	100	50	70	42 - 59 (24 - 40)	470E (ER32)	768.10	121	
HSK-A 100	2 - 20	160	50	99	42 - 70 (24 - 52)	470E (ER32)	1,068.59	122	
HSK-A 100	3 - 26	100	63	65		472E (ER40)	551.29	126	

1) Non standard groove before tool change collar not according to DIN, not suitable for automatic tool change

→ Transmittable torque moments, Page 233

- i** LSCX = Clamping depth without back stop screw for shanks
 l_2 = With back stop screw 1, Dimension in brackets () = With back stop screw 2
 Dimension LPR when using tightening nuts with seals 4 mm longer

Spare parts, ER precision collet chuck

Spare parts	Y8		Y8		Y8		Y8			
	Lock nut IK		Lock nut		Stop screw 2		Stop screw 1			
for collet	Article no. 84 950 ...		Article no. 84 950 ...		Article no. 83 950 ...		Article no. 83 950 ...			
	£		£		£		£			
426E (ER16)	72.78	011	54.05	001	M11x1 - SW6	45.14	341	M11x1 - SW6	30.24	337
430E (ER25)	81.12	013	60.06	003	M18x1,5 - SW6	31.75	432	M18x1,5 - SW6	22.65	431
470E (ER32)	86.74	015	66.06	005	M22x1,5 - SW6	26.82	402	M22x1,5 - SW6	19.53	401
472E (ER40)	118.63	017	96.10	007				M28x1,5 - SW6	27.38	400

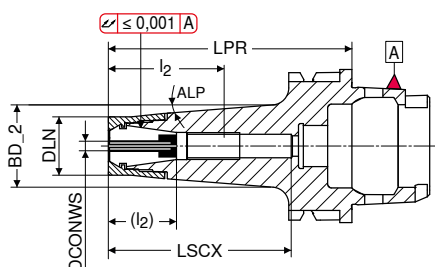
ER Precision tapered collet chuck

- ▲ For special tapered nuts
- ▲ Maximum clamping range covered according to ISO tolerance field H10
- ▲ Roll key required for clamping
- ▲ $p_{\max} = 80$ bar

Scope of supply:

Holder **without** nut, **without** backstop

Centro-P

AD
G 2,5 $n_{\max}$ 25000

Adapter	DCONWS	LPR	DLN	BD_2	LSCX	l_2 (l_2)	ALP	for collet	Article no. 84 721 ...	£	
	mm	mm	mm	mm	mm	mm					
HSK-A 40	1 - 7	100	16	25.3	65	15 - 34 (8 - 25)	4.5°	4008E (ER11)	304.36	307	
HSK-A 40	1 - 10	60	24	28.0	43	26 - 30	2.0°	426E (ER16)	281.00	210	
HSK-A 40	1 - 10	100	24	30.8	67	26 - 47 (12 - 32)	2.0°	426E (ER16)	281.00	310	
HSK-A 50	1 - 7	100	16	24.0	65	15 - 34 (8 - 25)	4.5°	4008E (ER11)	304.36	507	
HSK-A 50	1 - 10	65	24	28.9	44	26 - 32	4.5°	426E (ER16)	281.00	710	
HSK-A 50	1 - 10	100	24	34.4	77	26 - 47 (12 - 32)	4.5°	426E (ER16)	281.00	810	
HSK-A 50	1 - 10	130	24	39.4	102	26 - 47 (12 - 32)	4.5°	426E (ER16)	351.27	910	
HSK-A 63	1 - 10	100	24	33.8	74	28 - 48 (20 - 35)	4.5°	426E (ER16)	264.15	610	
HSK-A 63	1 - 10	160	24	36.0	106	28 - 48 (20 - 35)	2.5°	426E (ER16)	308.28	611	
HSK-A 63	2 - 20	75	50		51		4.0°	470E (ER32)	183.35	632	

→ Transmittable torque moments, Page 233



LSCX = Clamping depth without back stop screw for shanks

 l_2 = With back stop screw 1, Dimension in brackets () = With back stop screw 2

Dimension LPR when using tightening nuts with seals 4 mm longer

Spare parts	Y8		Y8		Y8		Y8		Y8		Y8	
	Tapered lock nut IK		Tapered lock nut		Lock nut IK		Lock nut		Mini lock nut		Stop screw 2	
for collet	Article no. 84 950 ...		Article no. 84 950 ...		Article no. 84 950 ...		Article no. 84 950 ...		Article no. 84 950 ...		Article no. 83 950 ...	
	£		£		£		£		£		£	
4008E (ER11)	89.35	033	75.49	031					75.49	041	43.03	340
426E (ER16)											45.14	341
470E (ER32)					86.74	015	66.06	005			26.82	402
											28.66	336
											30.24	337
											19.53	401

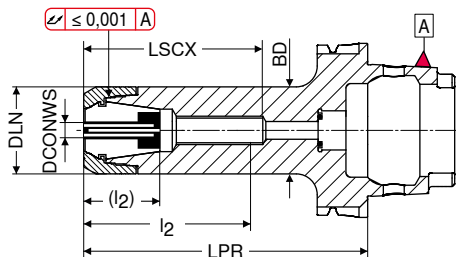
ER Precision collet chuck, slim version

- ▲ For Mini Clamping Nuts
- ▲ Maximum clamping range covered according to ISO tolerance field H10
- ▲ Roll key required for clamping
- ▲ $p_{\max} = 80$ bar

Scope of supply:

Holder **without** nut, **without** backstop

Centro-P



AD
G 2,5 n_{max} 25000
Y8

Adapter	DCONWS	LPR	BD	DLN	LSCX	l_2 (l_2)	for collet	Article no. 84 719 ...	£
HSK-A 32	1 - 7	40	16	16	24		4008E (ER11)	367.72	107
HSK-A 32	1 - 10	50	22	22	32		426E (ER16)	367.72	110
HSK-A 40	1 - 7	60	16	16	40	16 - 24	4008E (ER11)	281.00	207
HSK-A 50	1 - 7	130	16	16	60	15 - 32 (7 - 22)	4008E (ER11)	351.27	407
HSK-A 63	1 - 7	70	16	16	48	15 - 32 (7 - 22)	4008E (ER11)	269.23	507
HSK-A 63	1 - 7	100	16	16	68	18 - 36 (12 - 26)	4008E (ER11)	281.46	607
HSK-A 63	1 - 7	130	16	16	108	15 - 32 (7 - 22)	4008E (ER11)	346.57	707
HSK-A 63	1 - 7	160	16	16	68	18 - 36 (12 - 26)	4008E (ER11)	366.88	608
HSK-A 63	1 - 10	70	22	22	46	27 - 34 (14 - 20)	426E (ER16)	269.23	610
HSK-A 63	1 - 10	100	22	22	62	27 - 44 (14 - 30)	426E (ER16)	269.23	710
HSK-A 63	1 - 10	130	22	22	87	27 - 52 (14 - 38)	426E (ER16)	346.57	810
HSK-A 63	1 - 10	160	22	22	97	27 - 52 (14 - 38)	426E (ER16)	346.57	910

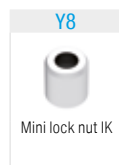
→ Transmittable torque moments, Page 233

- 1 LSCX = Clamping depth without back stop screw for shanks
 l_2 = With back stop screw 1, Dimension in brackets () = With back stop screw 2
 Dimension LPR when using tightening nuts with seals 4 mm longer

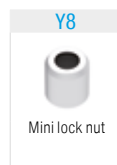
Spare parts

for collet

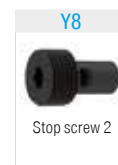
Part Code		Part Code		Part Code		Part Code				
Part Code	Price	Part Code	Price	Part Code	Price	Part Code	Price			
4008E (ER11)		75.49	041	M8x1 - SW4	43.03	340	M8x1 - SW4	28.66	336	
426E (ER16)	73.51	035	60.30	034	M11x1 - SW6	45.14	341	M11x1 - SW6	30.24	337



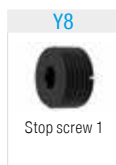
Mini lock nut IK

Article no.
84 950 ...

Mini lock nut

Article no.
84 950 ...

Stop screw 2

Article no.
83 950 ...

Stop screw 1

Article no.
83 950 ...

Accessories

ER collet	Sealing ring	Device	Roll key	Roll key device	Coolant transfer pipe	Others
→ 208-211, 213	→ 207	→ 17 35	→ 17 36	→ 17 36	→ 138	→ 17 34

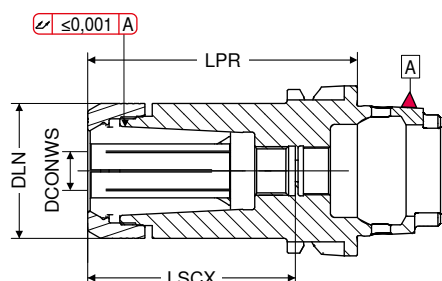
OZ Precision Collet Chuck

- ▲ Maximum clamping range covered according to ISO tolerance field H10
- ▲ Roll key required for clamping
- ▲ $p_{\max} = 80$ bar

Scope of supply:

Holder **without** nut, **without** backstop

Centro-P



AD
G 2,5 n_{max} 25000

Y8

Article no.
84 724 ...

£

296.93

626

441.42

126

Adapter	DCONWS	LPR	DLN	LSCX	for collet
	mm	mm	mm	mm	
HSK-A 63	2 - 25	85	50	60	462E
HSK-A 100	2 - 25	90	50	60	462E

→ Transmittable torque moments, Page 233

i LSCX = Clamping depth without back stop screw
Dimension LPR is 4mm longer when using seals

Spare parts

for collet

462E

Y8



Lock nut IK

Article no.
84 950 ...

£

71.74

020

Accessories

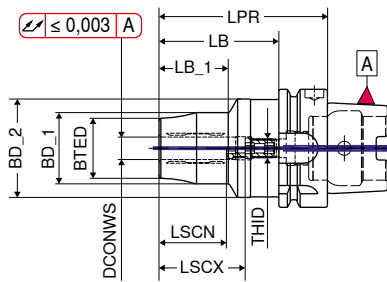
OZ Collet	Sealing ring	Roll key	Roll key device	Coolant transfer pipe	Others
→ 217	→ 217	→ 17 36	→ 17 36	→ 138	→ 17 34

High pressure chuck, short version

▲ For solid carbide and HSS shanks with h6 tolerance or better

Scope of supply:

Base body with backstop screw and pressure screw



AD
G 2,5 n_{max} 25000
Y8

Article no.
83 706 ...

	Adapter	DCONWS	LPR	BTED	BD_1	BD_2	LB_1	LSCX	LSCN	LB	THID	
		mm	mm	mm	mm	mm	mm	mm	mm	mm		
short	HSK-A 63	16	95	36	42	52.5	42	49	39	69	M12x1	£ 969.67 616
	HSK-A 63	20	100	42	48	52.5	45	51	41	74	M16x1	£ 898.85 620
	HSK-A 63	25	120	51	57	53.0	62	57	47	94	M16x1	£ 969.67 625
	HSK-A 63	32	125	57	63	53.0	62	61	51	99	M16x1	£ 969.67 632

→ Min. clamping depth, Page 233

i LSCX = Maximum insertion depth
LSCN = Minimum insertion depth

		Y7		Y7		Y7		Y7	
		Clamping key - T		Pressure pin		Pressure screw		Stop screw IK	
Spare parts		Article no. 80 397 ...		Article no. 83 950 ...		Article no. 83 950 ...		Article no. 83 950 ...	
for Article no.		£		£		£		£	
83 706 616	SW5	6.09	050	05 x 16	7.08 433	TR10x1,5x14	32.16 430	M12x1x18	16.71 446
83 706 620	SW5	6.09	050	06 x 16	7.37 434	TR10x1,5x14	32.16 430	M16x1x18,5	18.31 448
83 706 625	SW5	6.09	050	06 x 16	7.37 434	TR10x1,5x14	32.16 430	M16x1x22	28.95 449
83 706 632	SW5	6.09	050	06 x 16	7.37 434	TR10x1,5x14	32.16 430	M16x1x25	36.03 450

Accessories

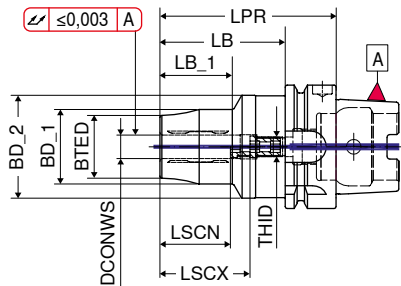
Reduction sleeve	Coolant transfer pipe	Others
→ 17 32	→ 138	→ 17 34

High pressure chuck, short and stable version

▲ For solid carbide and HSS shanks with h6 tolerance or better

Scope of supply:

Base body with backstop screw and pressure screw



AD
G 2,5 n_{max} 25000

Y8

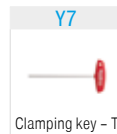
Article no.
83 722 ...

£
367.97 120

Adapter	DCONWS	LPR	BTED	BD_1	BD_2	LB_1	LSCX	LSCN	LB	THID
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
HSK-A 63	20	80	36	49	52.5	36	51	40	54	M8x1

→ Min. clamping depth, Page 233

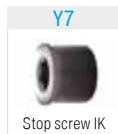
i LSCX = Maximum insertion depth
LSCN = Minimum insertion depth



Clamping key - T



Pressure screw



Stop screw IK

Spare parts

for Article no.
83 722 120

	Article no. 80 397 ...	Article no. 83 950 ...	Article no. 83 950 ...
SW5	£ 6.09 050	£ 17.20 158	£ 18.89 420

Accessories



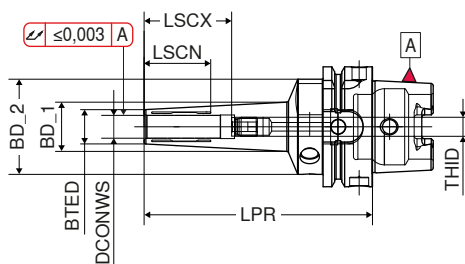
Reduction sleeve	Coolant transfer pipe	Others
→ 17 32	→ 138	→ 17 34

High pressure chuck, slim 3°

▲ For solid carbide and HSS shanks with h6 tolerance or better

Scope of supply:

Base body with backstop screw and pressure screw



AD
G 2,5 n_{max} 25000

Y8

Article no.
83 727 ...

	Adapter	DCONWS	LPR	BTED	BD_1	BD_2	LSCX	LSCN	THID	
		mm	mm	mm	mm	mm	mm	mm		
Long	HSK-A 63	3	120	9	16.65	50	28	12	M3	
	HSK-A 63	4	120	10	17.65	50	28	16	M3	
	HSK-A 63	5	120	11	18.65	50	28	20	M3	
	HSK-A 63	6	120	12	19.75	50	37	27	M5	
	HSK-A 63	8	120	14	21.75	50	37	27	M6	
	HSK-A 63	10	120	16	23.75	50	41	31	M8x1	
	HSK-A 63	12	120	18	25.86	50	46	36	M10x1	
	HSK-A 63	16	120	24	31.50	50	49	39	M12x1	
	HSK-A 63	20	120	28	35.55	50	51	41	M16x1	
	HSK-A 63	6	160	16	33.53	50	37	27	M5	
	HSK-A 63	8	160	18	34.55	50	37	27	M6	
	HSK-A 63	10	160	20	36.27	50	41	31	M8x1	
	HSK-A 63	12	160	22	37.78	50	46	36	M10x1	
	HSK-A 63	6	200	16	37.83	50	37	27	M5	
	HSK-A 63	8	200	18	38.85	50	37	27	M6	
	HSK-A 63	10	200	20	40.57	50	41	31	M8x1	
	HSK-A 63	12	200	22	42.07	50	46	36	M10x1	

£

703.49

603

703.49

604

703.49

605

606.03

606

606.03

608

606.03

610

606.03

612

942.55

616

942.55

620

995.70

706

995.70

708

995.70

710

995.70

712

1,100.95

806

1,100.95

808

1,100.95

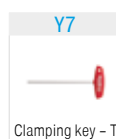
810

1,100.95

812

→ Min. clamping depth, Page 233

i LSCX = Maximum insertion depth
LSCN = Minimum insertion depth



Clamping key - T



Pressure screw



Stop screw IK

Spare parts

for Article no.

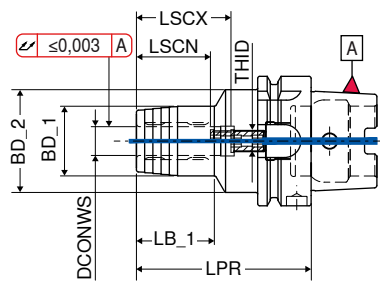
Article no.		Article no.		Article no.		Article no.			
		£		£		£			
83 727 603	SW5	6.09	050	M10x1x10	17.20	158	M3x20 - SW1,5	13.10	172
83 727 604	SW5	6.09	050	M10x1x10	17.20	158	M3x20 - SW1,5	13.10	172
83 727 605	SW5	6.09	050	M10x1x10	17.20	158	M3x20 - SW1,5	13.10	172
83 727 606	SW5	6.09	050	M10x1x10	17.20	158	M5x12,5 - SW2,5	18.89	418
83 727 608	SW5	6.09	050	M10x1x10	17.20	158	M6x12,5 - SW3	18.89	419
83 727 610	SW5	6.09	050	M10x1x12	17.20	159	M8x1x13,5 - SW3	18.89	420
83 727 612	SW5	6.09	050	M10x1x12	17.20	159	M10x1x13,5 - SW5	18.89	421
83 727 616	SW5	6.09	050	M10x1x12	17.20	159	M12x1x13,5 - SW5	18.89	422
83 727 620	SW5	6.09	050	M10x1x12	17.20	159	M16x1x13,5 - SW8	21.78	424
83 727 706	SW5	6.09	050	M10x1x10	17.20	158	M5x12,5 - SW2,5	18.89	418
83 727 708	SW5	6.09	050	M10x1x10	17.20	158	M6x12,5 - SW3	18.89	419
83 727 710	SW5	6.09	050	M10x1x12	17.20	159	M8x1x13,5 - SW3	18.89	420
83 727 712	SW5	6.09	050	M10x1x12	17.20	159	M10x1x13,5 - SW5	18.89	421
83 727 806	SW5	6.09	050	M10x1x10	17.20	158	M6x12,5 - SW3	18.89	419
83 727 808	SW5	6.09	050	M10x1x10	17.20	158	M6x12,5 - SW3	18.89	419
83 727 810	SW5	6.09	050	M10x1x12	17.20	159	M8x1x13,5 - SW3	18.89	420
83 727 812	SW5	6.09	050	M10x1x12	17.20	159	M10x1x13,5 - SW5	18.89	421

Hydraulic chuck, short and slim version

▲ For solid carbide and HSS shanks with h6 tolerance or better

Scope of supply:

Base body with backstop screw and pressure screw



AD
G 2,5 n_{max} 25000
Y8

Article no.
83 726 ...

	Adapter	DCONWS	LPR	BD_1	BD_2	LSCX	LSCN	LB_1	THID		
		mm	mm	mm	mm	mm	mm	mm			
short	HSK-A 63	6	70	26	49.5	37	27	24	M5	717.61	606
	HSK-A 63	8	70	28	49.5	37	27	24	M6	717.61	608
	HSK-A 63	10	80	30	49.5	41	31	32	M8x1	717.61	610
	HSK-A 63	12	85	32	49.5	46	36	40	M10x1	658.06	612
	HSK-A 63	16	90	38	49.5	49	39	46	M12x1	717.61	616
	HSK-A 63	20	90	42	49.5	51	41	48	M16x1	658.06	620
	HSK-A 63	25	120	57	52.0	57	47	63	M16x1	717.61	625
	HSK-A 63	32	125	63	53.0	61	51	61	M16x1	717.61	632

→ Min. clamping depth, Page 233

i LSCX = Maximum insertion depth
LSCN = Minimum insertion depth

Spare parts DCONWS

		Article no. 83 950 ...		Article no. 83 950 ...
		£		£
6	M8x1x10	13.08 439	M5x12,5 - SW2,5	18.89 418
8	M8x1x10	13.08 439	M6x12,5 - SW3	18.89 419
10	M10x1x12	13.08 440	M8x1x13,5 - SW3	18.89 420
12	M10x1x12	13.08 440	M10x1x13,5 - SW5	18.89 421
16	M10x1x12	13.08 440	M12x1x13,5 - SW5	18.89 422
20 - 32	M10x1x12	13.08 440	M16x1x13,5 - SW5	21.78 423

Accessories



→ 17|32

→ 138

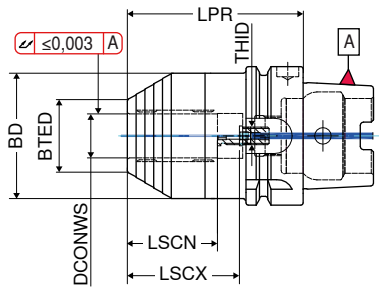
→ 17|34

Hydraulic chuck, short and stable version

▲ For solid carbide and HSS shanks with h6 tolerance or better

Scope of supply:

Base body with backstop screw and pressure screw



AD
G 2,5 n_{max} 25000
Y8
Article no.
83 729 ...
£
607.21 620

Adapter	DCONWS	LPR	BTED	BD	LSCX	LSCN	THID
mm	mm	mm	mm	mm	mm	mm	
HSK-A 63	20	80	33	51.5	51	41	M8x1

→ Min. clamping depth, Page 233

i LSCX = Maximum insertion depth
LSCN = Minimum insertion depth

Spare parts
DCONWS

20	M10x1x12	Article no. 83 950 ... £ 13.08 440	M16x1x13,5 - SW5	Article no. 83 950 ... £ 21.78 423
----	----------	---	------------------	---



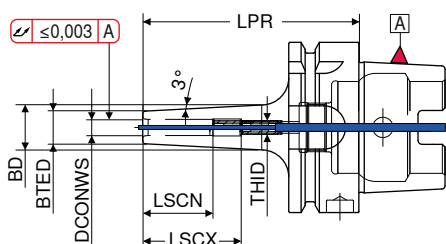
Accessories

Reduction sleeve	Coolant transfer pipe	Others
→ 17 32	→ 138	→ 17 34

Shrink adapter, slim 3°

▲ For solid carbide and HSS shanks with h6 tolerance or better

TG



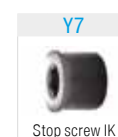
AD
G 2,5 n_{max} 25000
Y8

	Adapter	DCONWS	LPR	BTED	BD	LSCX	LSCN	THID	Article no.	£
		mm	mm	mm	mm	mm	mm		84 324 ...	
short	HSK-A 63	3	80	9	14	28	12	M6	540.51	103
	HSK-A 63	4	80	10	15	28	16	M6	526.10	104
	HSK-A 63	5	80	11	16	30	20	M6	526.10	105
	HSK-A 63	6	80	12	17	36	26	M5	475.65	106
	HSK-A 63	8	80	14	19	36	26	M6	475.65	108
	HSK-A 63	10	85	16	21	41	31	M8x1	475.65	110
	HSK-A 63	12	90	18	24	47	37	M10x1	475.65	112
	HSK-A 63	14	90	20	26	47	37	M10x1	475.65	114
	HSK-A 63	16	95	22	28	50	40	M12x1	475.65	116
	HSK-A 63	18	95	24	30	50	40	M12x1	475.65	118
	HSK-A 63	20	100	26	33	52	42	M16x1	475.65	120
long	HSK-A 63	3	120	9	16	12	12		576.54	203
	HSK-A 63	4	120	10	17	16	16		569.35	204
	HSK-A 63	5	120	11	18	20	20		569.35	205
	HSK-A 63	6	120	12	21	36	26	M5	511.68	206
	HSK-A 63	8	120	14	23	36	26	M6	511.68	208
	HSK-A 63	10	120	16	25	41	31	M8x1	511.68	210
	HSK-A 63	12	120	18	27	47	37	M10x1	511.68	212
	HSK-A 63	14	120	20	29	47	37	M10x1	511.68	214
	HSK-A 63	16	120	22	31	50	40	M12x1	511.68	216
	HSK-A 63	18	120	24	33	50	40	M12x1	511.68	218
	HSK-A 63	20	120	26	35	52	42	M16x1	511.68	220
extra-long	HSK-A 63	3	160	9	19	12	12		630.59	303
	HSK-A 63	4	160	10	20	16	16		616.18	304
	HSK-A 63	5	160	11	21	20	20		616.18	305
	HSK-A 63	6	160	12	24	36	26	M5	533.31	306
	HSK-A 63	8	160	14	26	36	26	M6	533.31	308
	HSK-A 63	10	160	16	28	41	31	M8x1	533.31	310
	HSK-A 63	12	160	18	30	47	37	M10x1	533.31	312
	HSK-A 63	14	160	20	32	47	37	M10x1	533.31	314
	HSK-A 63	16	160	22	34	50	40	M12x1	533.31	316
	HSK-A 63	18	160	24	36	50	40	M12x1	533.31	318
	HSK-A 63	20	160	26	38	52	42	M16x1	533.31	320

→ Min. clamping depth, Page 233

Spare parts
DCONWS

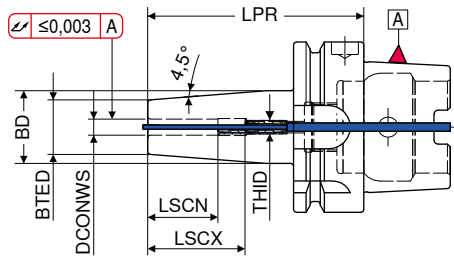
	Article no.	£	Article no.	£
3 - 5	M6x14 - SW2	18.89	M5x12,5 - SW2,5	18.89
6		417	M6x12,5 - SW3	18.89
8			M8x1x13,5 - SW3	18.89
10			M10x1x13,5 - SW5	18.89
12 - 14			M12x1x13,5 - SW5	18.89
16 - 18			M16x1x13,5 - SW8	21.78
20				424



Shrink fit adapters 4.5°

▲ For solid carbide and HSS shanks with h6 tolerance or better

TG

AD
G 2,5 n_{max} 25000
Y8

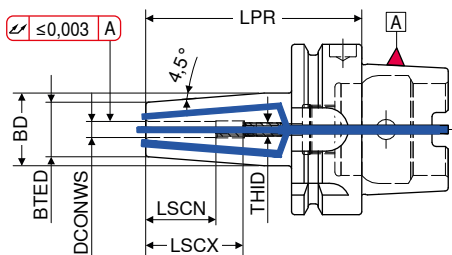
	Adapter	DCONWS	LPR	BTED	BD	LSCX	LSCN	THID	Article no. 84 304 ...	
									£	
short	HSK-A 63	3	80	10	15	22	12	M6	193.25	103
	HSK-A 63	4	80	15	22	26	16	M6	193.25	104
	HSK-A 63	5	80	15	22	30	20	M6	193.25	105
	HSK-A 63	6	80	21	27	36	26	M5	193.25	106
	HSK-A 63	8	80	21	27	36	26	M6	193.25	108
	HSK-A 63	10	85	24	32	41	31	M8x1	193.25	110
	HSK-A 63	12	90	24	32	47	37	M10x1	193.25	112
	HSK-A 63	14	90	27	34	47	37	M10x1	193.25	114
	HSK-A 63	16	95	27	34	50	40	M12x1	193.25	116
	HSK-A 63	18	95	33	42	50	40	M12x1	193.25	118
	HSK-A 63	20	100	33	42	52	42	M16x1	193.25	120
	HSK-A 63	25	115	44	53	58	48	M16x1	193.25	125
	HSK-A 63	32	120	44	53	62	52	M16x1	193.25	132
long	HSK-A 63	3	120	10	20	12	12		327.72	203
	HSK-A 63	4	120	15	22	16	16		321.75	204
	HSK-A 63	5	120	15	22	20	20		321.75	205
	HSK-A 63	6	120	21	27	36	26	M5	292.01	206
	HSK-A 63	8	120	21	27	36	26	M6	292.01	208
	HSK-A 63	10	120	24	32	41	31	M8x1	292.01	210
	HSK-A 63	12	120	24	32	47	37	M10x1	292.01	212
	HSK-A 63	14	120	27	34	47	37	M10x1	547.72	214
	HSK-A 63	16	120	27	34	50	40	M12x1	547.72	216
	HSK-A 63	18	120	33	42	50	40	M12x1	547.72	218
	HSK-A 63	20	120	33	42	52	42	M16x1	547.72	220
	HSK-A 63	25	120	44	53	58	48	M16x1	547.72	225
extra-long	HSK-A 63	3	160	10	20	12	12		366.40	303
	HSK-A 63	4	160	15	22	16	16		358.92	304
	HSK-A 63	5	160	15	22	20	20		358.92	305
	HSK-A 63	6	160	21	27	36	26	M5	329.22	306
	HSK-A 63	8	160	21	27	36	26	M6	329.22	308
	HSK-A 63	10	160	24	32	41	31	M8x1	329.22	310
	HSK-A 63	12	160	24	32	47	37	M10x1	329.22	312
	HSK-A 63	14	160	27	34	47	37	M10x1	329.22	314
	HSK-A 63	16	160	27	34	50	40	M12x1	329.22	316
	HSK-A 63	18	160	33	42	50	40	M12x1	329.22	318
	HSK-A 63	20	160	33	42	52	42	M16x1	329.22	320
	HSK-A 63	25	160	44	53	62	52	M16x1	329.22	325
extra long	HSK-A 63	6	200	21	27	36	26	M5	735.09	406
	HSK-A 63	8	200	21	27	36	26	M6	735.09	408
	HSK-A 63	10	200	24	32	41	31	M8x1	735.09	410
	HSK-A 63	12	200	24	32	47	37	M10x1	735.09	412
	HSK-A 63	14	200	27	34	47	37	M10x1	735.09	414
	HSK-A 63	16	200	27	34	50	40	M12x1	735.09	416
	HSK-A 63	18	200	33	42	50	40	M12x1	735.09	418
	HSK-A 63	20	200	33	42	52	42	M16x1	735.09	420
	HSK-A 63	25	200	44	53	62	52	M16x1	735.09	425
	HSK-A 63	32	200	44	53	62	52	M16x1	735.09	432

→ Min. clamping depth, Page 233

Shrink fit adapters 4.5°

▲ For solid carbide and HSS shanks with h6 tolerance or better

TG

AD
G 2,5 n_{max} 25000

NEW Y8

Article no.

84 316 ...

£

	Adapter	DCONWS	LPR	BTED	BD	LSCX	LSCN	THID		
		mm	mm	mm	mm	mm	mm			
short	HSK-A 63	3	80	10	15	28	12	M6	591.69	103
	HSK-A 63	4	80	15	22	28	16	M6	575.14	104
	HSK-A 63	5	80	15	22	30	20	M6	575.14	105
	HSK-A 63	6	80	21	27	36	26	M5	522.27	106
	HSK-A 63	8	80	21	27	36	26	M6	522.27	108
	HSK-A 63	10	85	24	32	41	31	M8x1	522.27	110
	HSK-A 63	12	90	24	32	47	37	M10x1	522.27	112
	HSK-A 63	14	90	27	34	47	37	M10x1	522.27	114
	HSK-A 63	16	95	27	34	50	40	M12x1	522.27	116
	HSK-A 63	18	95	33	42	50	40	M12x1	522.27	118
	HSK-A 63	20	100	33	42	52	42	M16x1	522.27	120
	HSK-A 63	25	115	44	53	58	48	M16x1	522.27	125
	HSK-A 63	32	120	44	53	62	52	M16x1	522.27	132

→ Min. clamping depth, Page 233

i LSCX = Maximum insertion depth
LSCN = Minimum insertion depth

		Y7		Y7		Y7	
		Stop screw IK		Stop screw IK		Sealing screw	
Spare parts		Article no.		Article no.		Article no.	
DCONWS		83 950 ...		83 950 ...		83 950 ...	
		£		£		£	
3 - 4	M6x14 - SW2	18.89	417			M2x6	1.52 512
5				M5x12,5 - SW2,5	18.89 418	M2x6	1.52 512
6				M6x12,5 - SW3	18.89 419	M2x6	1.52 512
8				M8x1x13,5 - SW3	18.89 420	M2x6	1.52 512
10 - 14				M10x1x13,5 - SW5	18.89 421	M2x6	1.52 512
16 - 18	M12x1 - SW5	25.66	510			M2x6	1.52 512
20 - 32	M16x1 - SW5	15.15	511			M2x6	1.52 512

Accessories



→ 17|10

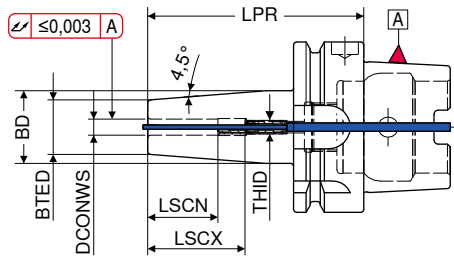
→ 138

→ 17|34

Shrink fit adapters 4.5°

▲ For solid carbide and HSS shanks with h6 tolerance or better

TG

AD
G 2,5 n_{max} 25000
Y8

	Adapter	DCONWS	LPR	BTED	BD	LSCX	LSCN	THID	Article no.	£
		mm	mm	mm	mm	mm	mm		84 305 ...	
short	HSK-A 100	6	85	21	27	36	26	M5	362.40	106
	HSK-A 100	8	85	21	27	36	26	M6	362.40	108
	HSK-A 100	10	90	24	32	41	31	M8x1	362.40	110
	HSK-A 100	12	95	24	32	47	37	M10x1	362.40	112
	HSK-A 100	14	95	27	34	47	37	M10x1	362.40	114
	HSK-A 100	16	100	27	34	50	40	M12x1	362.40	116
	HSK-A 100	18	100	33	42	50	40	M12x1	362.40	118
	HSK-A 100	20	105	33	42	52	42	M16x1	362.40	120
	HSK-A 100	25	115	44	53	58	48	M16x1	362.40	125
	HSK-A 100	32	120	44	53	62	52	M16x1	362.40	132
long	HSK-A 100	6	120	21	27	36	26	M5	418.69	206
	HSK-A 100	8	120	21	27	36	26	M6	418.69	208
	HSK-A 100	10	120	24	32	41	31	M8x1	418.69	210
	HSK-A 100	12	120	24	32	47	37	M10x1	418.69	212
	HSK-A 100	14	120	27	34	47	37	M10x1	418.69	214
	HSK-A 100	16	120	27	34	50	40	M12x1	418.69	216
	HSK-A 100	18	120	33	42	50	40	M12x1	418.69	218
	HSK-A 100	20	120	33	42	52	42	M16x1	418.69	220
	HSK-A 100	25	120	44	53	58	48	M16x1	418.69	225
extra-long	HSK-A 100	6	160	21	27	36	26	M5	481.13	306
	HSK-A 100	8	160	21	27	36	26	M6	481.13	308
	HSK-A 100	10	160	24	32	41	31	M8x1	481.13	310
	HSK-A 100	12	160	24	32	47	37	M10x1	481.13	312
	HSK-A 100	14	160	27	34	47	37	M10x1	481.13	314
	HSK-A 100	16	160	27	34	50	40	M12x1	481.13	316
	HSK-A 100	18	160	33	42	50	40	M12x1	481.13	318
	HSK-A 100	20	160	33	42	52	42	M16x1	481.13	320
	HSK-A 100	25	160	44	53	58	48	M16x1	481.13	325
	HSK-A 100	32	160	44	53	62	52	M16x1	481.13	332

→ Min. clamping depth, Page 233

Y7



Stop screw IK

Spare parts
DCONWS

	Article no.	£
6	M5x12,5 - SW2,5	18.89
8	M6x12,5 - SW3	18.89
10	M8x1x13,5 - SW3	18.89
12 - 14	M10x1x13,5 - SW5	18.89
16 - 18	M12x1x13,5 - SW5	18.89
20 - 32	M16x1x13,5 - SW8	21.78

Accessories



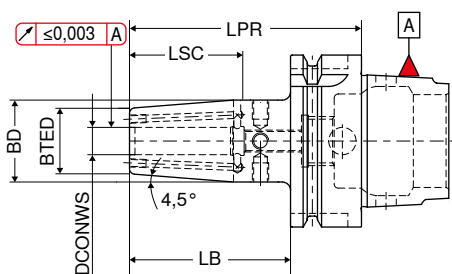
Shrink fit extension → 17|10
Coolant transfer pipe → 138
Others → 17|34

Shrink fit adapters 4.5°

- ▲ Version for high clamping force
- ▲ For solid carbide and HSS shanks with h6 tolerance or better

Scope of supply:

Holder with adjustable back stop



AD
G 2,5 n_{max} 25000
Y8

Article no.
84 717 ...

	Adapter	DCONWS	LPR	BTED	BD	LB	LSC		
		mm	mm	mm	mm	mm	mm		
short	HSK-A 63	6	80	21	26	54	36.5	372.45	606
	HSK-A 63	8	80	21	26	54	36.5	372.45	608
	HSK-A 63	10	85	24	30	59	41.5	372.45	610
	HSK-A 63	12	90	24	30	64	46.5	372.45	612
	HSK-A 63	14	90	27	34	64	46.5	372.45	614
	HSK-A 63	16	95	27	34	69	49.5	372.45	616
	HSK-A 63	18	95	33	41	69	49.5	372.45	618
	HSK-A 63	20	100	33	41	74	51.5	372.45	620
	HSK-A 63	25	115	44	52	89	57.5	389.89	625
	HSK-A 63	32	120	44	52	94	61.5	519.91	632
	HSK-A 100	6	85	21	26	56	36.5	524.98	106
	HSK-A 100	8	85	21	26	56	36.5	524.98	108
	HSK-A 100	10	90	24	30	56	41.5	524.98	110
	HSK-A 100	12	95	24	30	66	46.5	524.98	112
	HSK-A 100	14	95	27	34	66	46.5	524.98	114
	HSK-A 100	16	100	27	34	71	49.5	524.98	116
	HSK-A 100	18	100	33	42	71	49.5	524.98	118
	HSK-A 100	20	105	33	42	76	51.5	524.98	120
	HSK-A 100	25	115	44	53	86	57.5	542.28	125
	HSK-A 100	32	120	44	53	91	61.5	559.84	132

→ Min. clamping depth, Page 233

Spare parts
DCONWS

		Article no. 62 950 ...	£		Article no. 62 950 ...	£
6	M5x0,8x14	8.59	402	M3x6	1.82	411
8	M6x1x16	8.59	403	M3x6	1.82	411
10	M8x1x20	9.68	404	M3x6	1.82	411
12 - 18	M10x1x20	10.80	405	M3x6	1.82	411
20	M12x1x20	11.09	406	M3x6	1.82	411
25 - 32	M12x1x20	11.09	406	M4x8	1.82	412

i Sealing screw for closing of two additional coolant holes.

Accessories

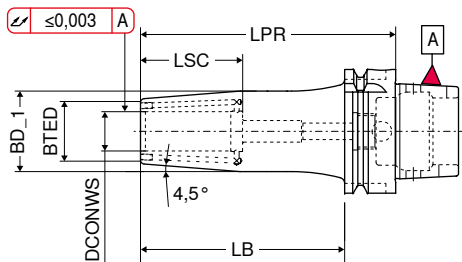
Shrink fit extension	Coolant transfer pipe	Others
→ 17110	→ 138	→ 17134

Shrink fit adapters 4.5°

- ▲ Version for high clamping force
- ▲ For solid carbide and HSS shanks with h6 tolerance or better

Scope of supply:

Holder with adjustable back stop

AD
G 2,5 n_{max} 25000Y8
Article no.
84 720 ...

£

AD
G 2,5 n_{max} 25000Y8
Article no.
84 723 ...

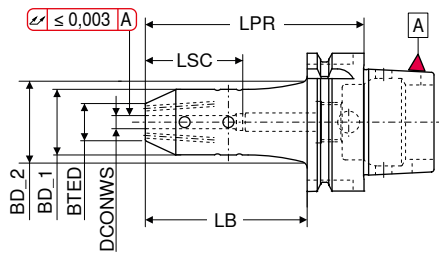
£

	Adapter	DCONWS	LPR	BTED	BD_1	LB	LSC				
		mm	mm	mm	mm	mm	mm				
medium length	HSK-A 63	6	130	21	27	104	36.5	519.91	606		
	HSK-A 63	8	130	21	27	104	36.5	519.91	608		
	HSK-A 63	10	130	24	32	104	41.5	519.91	610		
	HSK-A 63	12	130	24	32	104	46.5	519.91	612		
	HSK-A 63	14	130	27	34	104	46.5	519.91	614		
	HSK-A 63	16	130	27	34	104	49.5	519.91	616		
	HSK-A 63	18	130	33	41	104	49.5	519.91	618		
	HSK-A 63	20	130	33	41	104	51.5	519.91	620		
	HSK-A 100	6	130	21	27	101	36.5	712.23	106		
	HSK-A 100	8	130	21	27	101	36.5	712.23	108		
	HSK-A 100	10	130	24	32	101	41.5	712.23	110		
	HSK-A 100	12	130	24	32	101	46.5	712.23	112		
	HSK-A 100	14	130	27	34	101	46.5	712.23	114		
	HSK-A 100	16	130	27	34	101	49.5	712.23	116		
	HSK-A 100	18	130	33	41	101	49.5	712.23	118		
	HSK-A 100	20	130	33	41	101	51.5	712.23	120		
extra-long											
	HSK-A 63	6	160	21	27	134	36.5			569.74	606
	HSK-A 63	8	160	21	27	134	36.5			569.74	608
	HSK-A 63	10	160	24	32	134	41.5			569.74	610
	HSK-A 63	12	160	24	32	134	46.5			569.74	612
	HSK-A 63	14	160	27	34	134	46.5			569.74	614
	HSK-A 63	16	160	27	34	134	49.5			569.74	616
	HSK-A 63	18	160	33	41	134	49.5			569.74	618
	HSK-A 63	20	160	33	41	134	51.5			569.74	620
	HSK-A 63	25	160	44	52	134	57.5			547.08	625
	HSK-A 100	6	160	21	27	131	36.5			779.64	106
	HSK-A 100	8	160	21	27	131	36.5			779.64	108
	HSK-A 100	10	160	24	32	131	41.5			779.64	110
	HSK-A 100	12	160	24	32	131	46.5			779.64	112
	HSK-A 100	14	160	27	34	131	46.5			779.64	114
	HSK-A 100	16	160	27	34	131	49.5			779.64	116
	HSK-A 100	18	160	33	41	131	49.5			779.64	118
	HSK-A 100	20	160	33	41	131	51.5			779.64	120
	HSK-A 100	25	160	44	53	131	57.5			779.64	125
	HSK-A 100	32	160	44	53	131	61.5			779.64	132

→ Min. clamping depth, Page 233

Sidelock holder (Weldon)

▲ For shanks according to DIN 6535 HB / 1835 B with lateral clamping flat



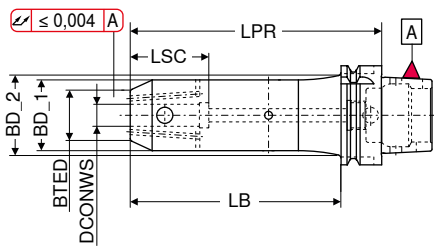
	Adapter	DCONWS _{H5}	LPR	BD_1	BTED	LB	LSC	BD_2	AD G 2,5 n _{max} 25000 Y8		AD G 2,5 n _{max} 25000 Y8		AD G 2,5 n _{max} 25000 Y8		AD G 2,5 n _{max} 25000 Y8	
									Article no. 84 700 ...	£	Article no. 84 701 ...	£	Article no. 84 704 ...	£	Article no. 84 705 ...	£
short	HSK-A 63	6	65	30	17	39	34		302.60	606	244.93	606 ¹⁾				
	HSK-A 63	8	65	32	20	39	34		302.60	608	244.93	608 ¹⁾				
	HSK-A 63	10	65	35	25	39	39		277.46	610	244.93	610 ¹⁾				
	HSK-A 63	12	80	42	30	54	44		277.46	612	250.89	612 ¹⁾				
	HSK-A 63	14	80	45	32	54	44		277.46	614	250.89	614 ¹⁾				
	HSK-A 63	16	80	48	36	54	47		277.46	616	250.89	616 ¹⁾				
	HSK-A 63	18	80	48	38	54	47		277.46	618	250.89	618 ¹⁾				
	HSK-A 63	20	80	52	40	54	49		277.46	620	250.89	620 ¹⁾				
	HSK-A 63	25	110	63	45	84	54		292.42	625	293.74	625 ¹⁾				
	HSK-A 63	32	110	72	52	84	58		327.35	632	293.74	632 ¹⁾				
	HSK-A 100	6	80	30	17	51	34		392.36	106						
	HSK-A 100	8	80	32	20	51	34		379.88	108						
	HSK-A 100	10	80	35	25	51	39		367.52	110						
	HSK-A 100	12	80	42	30	51	44		367.52	112						
	HSK-A 100	14	80	45	32	51	44		367.52	114						
	HSK-A 100	16	100	48	36	71	47		367.52	116						
	HSK-A 100	18	100	48	38	71	47		367.52	118						
	HSK-A 100	20	100	52	40	71	49		367.52	120						
	HSK-A 100	25	100	65	45	71	54		379.88	125						
	HSK-A 100	32	100	72	52	71	58		389.89	132						
	HSK-A 100	40	110	80	60	81	68		516.45	140						
long	HSK-A 63	6	100	30	17	74	34	36.2					345.03	606	260.02	606 ¹⁾
	HSK-A 63	8	100	32	20	74	34	38.2					334.98	608	275.31	608 ¹⁾
	HSK-A 63	10	100	35	25	74	39	41.2					334.98	610	250.89	610 ¹⁾
	HSK-A 63	12	100	42	30	74	44						261.66	612	194.86	612 ¹⁾
	HSK-A 63	14	100	45	32	74	44						261.66	614	194.86	614 ¹⁾
	HSK-A 63	16	100	48	36	74	47						261.66	616	194.86	616 ¹⁾
	HSK-A 63	18	100	48	38	74	47						261.66	618	194.86	618 ¹⁾
	HSK-A 63	20	100	52	40	74	49						261.66	620	194.86	620 ¹⁾

1) Without threads for balancing screws

 Spare parts and accessories on → **Page 110**

Sidelock holder (Weldon)

▲ For shanks according to DIN 6535 HB / 1835 B with lateral clamping flat



AD
G 2,5 n_{max} 25000
Y8

Article no.
84 706 ...

£

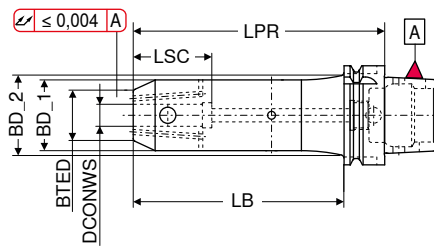
302.49	606	213.41	606
289.49	608	207.85	608
289.49	610	207.85	610
289.49	612	207.85	612
289.49	614	207.85	614
289.49	616	207.85	616
289.49	618	207.85	618
289.49	620	222.68	620
445.38	625		
445.38	632		

medium length	Adapter	DCONWS	LPR	BD_1	BTED	LB	LSC	BD_2
		mm	mm	mm	mm	mm	mm	mm
	HSK-A 63	6	130	30	17	104	34	36.2
	HSK-A 63	8	130	32	20	104	34	38.2
	HSK-A 63	10	130	35	25	104	39	41.2
	HSK-A 63	12	130	42	30	104	44	48.2
	HSK-A 63	14	130	45	32	104	44	50.5
	HSK-A 63	16	130	48	36	104	47	50.1
	HSK-A 63	18	130	48	38	104	47	50.1
	HSK-A 63	20	130	52	40	104	49	
	HSK-A 63	25	130	63	45	104	54	
	HSK-A 63	32	130	72	52	104	58	

i Spare parts and accessories on → **Page 110**

Sidelock holder (Weldon)

▲ For shanks according to DIN 6535 HB / 1835 B with lateral clamping flat



AD
G 2,5 n_{max} 25000
Y8

Article no.
84 707 ...

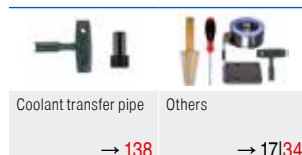
	Adapter	DCONWS _{H5}	LPR	BD_1	BTED	LB	LSC	BD_2		
		mm	mm	mm	mm	mm	mm	mm	£	
extra-long	HSK-A 63	6	160	30	17	134	34	36.2	414.86	606
	HSK-A 63	8	160	32	20	134	34	38.2	399.92	608
	HSK-A 63	10	160	35	25	134	39	41.2	399.92	610
	HSK-A 63	12	160	42	30	134	44	48.2	399.92	612
	HSK-A 63	14	160	45	32	134	44	50.5	399.92	614
	HSK-A 63	16	160	48	36	134	47	50.1	399.92	616
	HSK-A 63	18	160	48	38	134	47	50.1	399.92	618
	HSK-A 63	20	160	52	40	134	49		399.92	620
	HSK-A 63	25	160	63	45	134	54		399.92	625
	HSK-A 100	6	160	30	17	131	34	38.2	492.45	106
	HSK-A 100	8	160	32	20	131	34	40.2	474.88	108
	HSK-A 100	10	160	35	25	131	39	43.2	467.48	110
	HSK-A 100	12	160	42	30	131	44	50.2	467.48	112
	HSK-A 100	14	160	45	32	131	44	53.2	467.48	114
	HSK-A 100	16	160	48	36	131	47	56.2	467.48	116
	HSK-A 100	18	160	48	38	131	47	56.2	467.48	118
	HSK-A 100	20	160	52	40	131	49	60.2	467.48	120
	HSK-A 100	25	160	65	45	131	54	73.2	467.48	125
	HSK-A 100	32	160	72	52	134	58	79.5	467.48	132

Spare parts DCONWS_{H5}

		Article no. 62 950 ...		Article no. 62 950 ...	
		£		£	
6	M6x10	7.20	422	M3x6	1.82 411
8	M8x10	7.20	423	M3x6	1.82 411
10	M10x12	8.72	424	M3x6	1.82 411
12 - 14	M12x16	8.72	425	M3x6	1.82 411
16 - 18	M14x16	11.90	426	M3x6	1.82 411
20	M16x16	13.70	427	M3x6	1.82 411
25	M18x2x20	15.77	428	M4x8	1.82 412
32 - 40	M20x2x20	19.52	429	M4x8	1.82 412

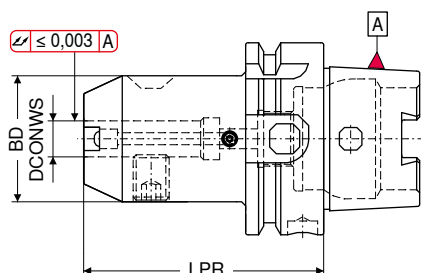
i Sealing screw for closing of two additional coolant holes.

Accessories



Sidelock holder (Weldon)

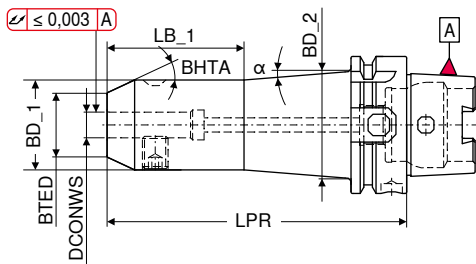
▲ For shanks according to DIN 6535 HB / 1835 B with lateral clamping flat



	Adapter	DCONWS _{H4}	LPR	BD	AD G 2,5 n _{max} 18000		AD G 2,5 n _{max} 18000		AD G 6,3 n _{max} 15000		ADe G 2,5 n _{max} 18000		ADe G 6,3 n _{max} 15000	
					Y8	Article no.	Y8	Article no.	Y8	Article no.	Y8	Article no.	Y8	Article no.
		mm	mm	mm	£	81 736 ...	£	81 731 ...	£	81 731 ...	£	81 730 ...	£	81 730 ...
short	HSK-A 32	6	60	25			258.16	306						
	HSK-A 32	8	60	28			248.62	308						
	HSK-A 32	10	65	35			248.62	310						
	HSK-A 32	12	75	42			248.62	312						
	HSK-A 32	16	75	48			248.62	316						
	HSK-A 40	6	60	25			248.62	406						
	HSK-A 40	8	60	28			239.22	408						
	HSK-A 40	10	65	34			239.22	410						
	HSK-A 40	12	70	42			239.22	412						
	HSK-A 40	16	80	48			239.22	416						
	HSK-A 40	20	80	52			239.22	420						
	HSK-A 50	6	65	25			263.02	506						
	HSK-A 50	8	65	28			248.62	508						
	HSK-A 50	10	65	35			248.62	510						
	HSK-A 50	12	80	42			248.62	512						
	HSK-A 50	16	80	48			248.62	516						
	HSK-A 50	20	80	52			248.62	520						
	HSK-A 50	25	105	65			267.86	525						
	HSK-A 50	32	120	72			267.86	532						
	HSK-A 63	6	65	25			263.02	606			335.78	606		
	HSK-A 63	8	65	28			253.60	608			317.81	608		
	HSK-A 63	10	65	35			253.60	610			317.81	610		
	HSK-A 63	12	80	42			253.60	612			317.81	612		
	HSK-A 63	14	80	44			253.60	614			317.81	614		
	HSK-A 63	16	80	48			253.60	616			317.81	616		
	HSK-A 63	18	80	50			253.60	618			317.81	618		
	HSK-A 63	20	80	52			253.60	620			317.81	620		
	HSK-A 63	25	110	65			277.41	625			335.78	625		
	HSK-A 63	32	110	72			251.93	632			381.16	632		
	HSK-A 63	40	125	80							420.57	640		
	HSK-A 100	6	80	25			346.32	106					390.29	106
	HSK-A 100	8	80	28			336.28	108					376.58	108
	HSK-A 100	10	80	35			336.28	110					376.58	110
	HSK-A 100	12	80	42			336.28	112					376.58	112
	HSK-A 100	14	80	44			336.28	114					376.58	114
	HSK-A 100	16	100	48			336.28	116					368.09	116
	HSK-A 100	18	100	50			336.28	118					376.58	118
	HSK-A 100	20	100	52			336.28	120					376.58	120
	HSK-A 100	25	100	65			361.41	125					390.29	125
	HSK-A 100	32	100	72			371.46	132					408.39	132
	HSK-A 100	40	105	80			381.60	140					476.35	140
long	HSK-A 63	6	100	25	289.84	606								
	HSK-A 63	8	100	28	287.76	608								
	HSK-A 63	10	100	35	287.76	610								
	HSK-A 63	12	100	42	287.76	612								
	HSK-A 63	16	100	48	287.76	616								
	HSK-A 63	40	125	80	319.58	640								

Sidelock holder (Weldon)

▲ For shanks according to DIN 6535 HB / 1835 B with lateral clamping flat



AD
G 6,3 n_{max} 15000
Y8

AD
G 6,3 n_{max} 10000
Y8

	Adapter	DCONWS _{H4}	LPR	BD_1	BD_2	BTED	LB_1	BHTA	α°	Article no. 81 732 ...	Article no. 81 732 ...
		mm	mm	mm	mm	mm	mm			£	£
extra-long	HSK-A 63	6	160	25	34.7	15	50	25°	3.5	344.23	606
	HSK-A 63	8	160	28	37.9	20	50	25°	3.5	344.23	608
	HSK-A 63	10	160	35	43.7	25	60	25°	3.5	344.23	610
	HSK-A 63	12	160	42		30		25°		344.23	612 ¹⁾
	HSK-A 63	16	160	48		36		25°		344.23	616 ¹⁾
	HSK-A 63	20	160	52		40		25°		353.77	620 ¹⁾
	HSK-A 100	6	160	25	45.2	15	50	25°	7.5		451.77 106
	HSK-A 100	8	160	28	48.7	20	50	25°	7.5		441.60 108
	HSK-A 100	10	160	35	51.2	25	65	25°	7.5		441.60 110
	HSK-A 100	12	160	42	59.5	30	60	25°	7.5		441.60 112
	HSK-A 100	16	160	48	62.9	36	70	25°	7.5		441.60 116
	HSK-A 100	20	160	52	69.6	40	60	25°	7.5		441.60 120
	HSK-A 100	25	160	65	77.5	45	80	45°	7.5		403.70 125

1) Cylindrical shank adapter

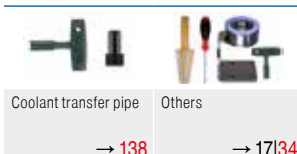
W7

Grubscrew

Spare parts DCONWS_{H4}

		Article no. 62 950 ...
		£
6	M6x10	0.87 006
8	M8x10	0.87 008
10	M10x12	1.67 010
12	M12x16	1.32 012
14	M12x16	1.32 012
16	M14x16	1.63 016
18	M14x16	1.63 016
20	M16x16	1.74 020
25	M18x2x20	3.36 025
32	M20x2x20	3.51 032
40	M20x2x20	3.51 032

Accessories



Coolant transfer pipe

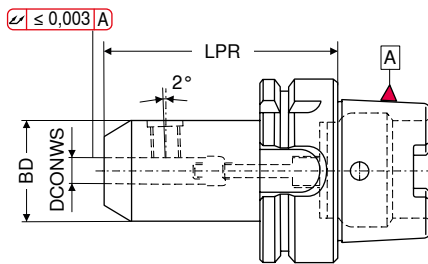
Others

→ 138

→ 17|34

Tool holder for tools with angled clamping flat (Whistle Notch)

▲ For shanks according to DIN 6535 HE / 1835 E with angled clamping flat

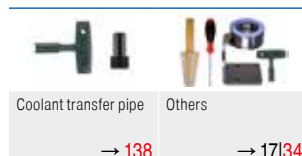


	Adapter	DCONWS _{H4}	LPR	BD	AD G 2,5 n _{max} 18000 Y8		AD G 6,3 n _{max} 15000 Y8	
					Article no. 81 733 ...		Article no. 81 733 ...	
					£		£	
short	HSK-A 63	6	80	25	277.41	606		
	HSK-A 63	8	80	28	263.02	608		
	HSK-A 63	10	80	35	263.02	610		
	HSK-A 63	12	90	42	263.02	612		
	HSK-A 63	14	90	44	263.02	614		
	HSK-A 63	16	100	48	263.02	616		
	HSK-A 63	18	100	50	263.02	618		
	HSK-A 63	20	100	52	263.02	620		
	HSK-A 63	25	110	65	286.79	625		
	HSK-A 63	32	110	72	305.91	632		
	HSK-A 100	6	90	25			356.33	106
	HSK-A 100	8	90	28			346.32	108
	HSK-A 100	10	90	35			346.32	110
	HSK-A 100	12	100	42			346.32	112
	HSK-A 100	14	100	44			346.32	114
	HSK-A 100	16	100	48			346.32	116
	HSK-A 100	18	100	50			346.32	118
	HSK-A 100	20	110	52			346.32	120
	HSK-A 100	25	120	65			371.46	125
	HSK-A 100	32	120	72			381.60	132
	HSK-A 100	40	120	80			391.49	140

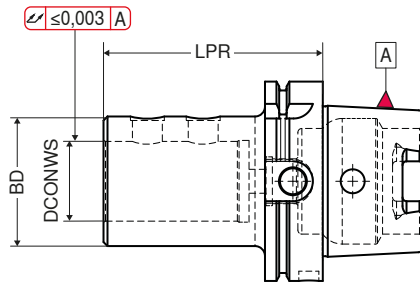
Spare parts DCONWS_{H4}

		Article no. 62 950 ...	£		Article no. 81 950 ...	£	
6	M6x10	0.87	006	M5x15	2.83	050	
8	M8x10	0.87	008	M6x15	2.98	051	
10	M10x12	1.67	010	M8x15	3.41	052	
12 - 14	M12x16	1.32	012	M10x15	3.41	053	
16 - 18	M14x16	1.63	016	M12x15	3.98	054	
20	M16x16	1.74	020	M16x15	4.42	055	
25	M18x2x20	3.36	025	M20x15	4.89	056	
32	M20x2x20	3.51	032	M20x15	4.89	056	
40	M20x2x20	3.51	032	M22x1,5x15	6.40	057	

Accessories



Indexable insert drill adapter ISO 12164 HSK Form A



AD
G 6,3 n_{max} 15000
2E/45

Article no.
10 842 ...

Adapter	DCONWS	LPR	BD		
	mm	mm	mm		
HSK-A 63	20	80	40	158.91	320
HSK-A 63	25	90	45	158.91	325
HSK-A 63	32	90	52	158.91	332
HSK-A 63	40	110	65	158.91	340
HSK-A 100	20	90	40	178.18	420
HSK-A 100	25	100	45	178.18	425
HSK-A 100	32	100	52	178.18	432
HSK-A 100	40	110	65	178.18	440
HSK-A 100	50	120	75	178.18	450

i Suitable eccentric sleeves can be found in → **Chapter 3, Indexable insert drilling.**

2A/28

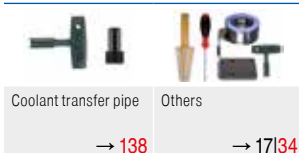


Grubscrew

Spare parts DCONWS

		Article no. 10 950 ...
20	M10x1x10	001
25 - 32	M12x1x10	002
40 - 50	M16x1x12	003

Accessories



Coolant transfer pipe

Others

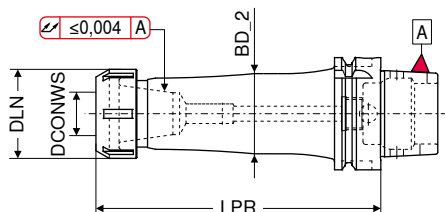
→ 138

→ 17|34

ER Collet chuck

Scope of supply:

Holder with lock nut and adjustable back stop



	Adapter	DCONWS	LPR	DLN	BD_2	TQX	for collet	 AD G 2,5 n _{max} 25000 Y8 Article no. 84 726 ... £		 AD G 2,5 n _{max} 25000 Y8 Article no. 84 732 ... £		 AD G 2,5 n _{max} 25000 Y8 Article no. 84 738 ... £	
long	HSK-A 63	1 - 10	100	22	27	8 - 56	426E (ER16 mini)	332.36	610				
	HSK-A 63	1 - 16	100	42	37	24 - 104	430E (ER25)	380.88	616				
	HSK-A 63	2 - 20	100	50	45	24 - 136	470E (ER32)	414.21	620				
	HSK-A 63	3 - 26	100	63	52	176	472E (ER40)	482.45	626				
	HSK-A 100	1 - 10	100	22	27	8 - 56	426E (ER16 mini)	425.04	110				
	HSK-A 100	1 - 16	100	42	37	24 - 104	430E (ER25)	474.88	116				
	HSK-A 100	2 - 20	100	50	45	24 - 136	470E (ER32)	509.89	120				
	HSK-A 100	3 - 26	100	63	56	176	472E (ER40)	542.28	126				
extra-long	HSK-A 63	1 - 10	160	22	27	8 - 56	426E (ER16 mini)					405.01	610
	HSK-A 63	1 - 16	160	42	37	24 - 104	430E (ER25)					472.40	616
	HSK-A 63	2 - 20	160	50	45	24 - 136	470E (ER32)					480.89	620
	HSK-A 63	3 - 26	160	63	52	176	472E (ER40)					524.98	626
	HSK-A 100	1 - 10	200	22	27	8 - 56	426E (ER16 mini)					702.36	110
	HSK-A 100	1 - 16	200	42	37	24 - 104	430E (ER25)					702.36	116
	HSK-A 100	2 - 20	200	50	45	24 - 136	470E (ER32)					732.13	120
	HSK-A 100	3 - 26	200	63	56	176	472E (ER40)					792.13	126
	HSK-A 100	1 - 10	160	22	27	8 - 56	426E (ER16 mini)			509.89	110		
	HSK-A 100	1 - 16	160	42	37	24 - 104	430E (ER25)			559.84	116		
	HSK-A 100	2 - 20	160	50	45	24 - 136	470E (ER32)			594.70	120		
	HSK-A 100	3 - 26	160	63	56	176	472E (ER40)			644.86	126		

	Y8  Lock nut IK		W7  Lock nut		Y8  Y clamping key		Y8  ER Mini clamping key		W7  Mini lock nut		Y8  Mini IK		W7  Stop screw IK	
Spare parts	Article no. 83 950 ...		Article no. 62 950 ...		Article no. 83 357 ...		Article no. 83 950 ...		Article no. 62 950 ...		Article no. 83 950 ...		Article no. 62 950 ...	
for collet	£		£		£		£		£		£		£	
426E (ER16 mini)							35.57	101	33.40	066	80.34	058	8.59	403
430E (ER25)	76.11	055	21.03	055	22.20	125							11.09	406
470E (ER32)	81.41	056	21.56	056	32.33	132							11.09	406
472E (ER40)	97.97	057	22.33	057	36.64	140							11.09	406

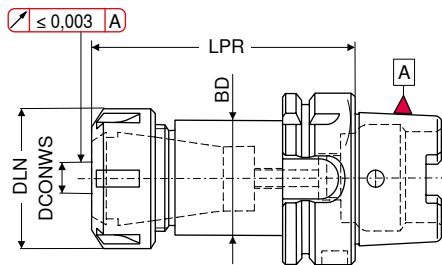
Accessories

		
ER collet	Coolant transfer pipe	Others
→ 206, 211–215	→ 138	→ 17 34

ER-Collet chuck

Scope of supply:

Toolholder with lock nut and adjustable back stop

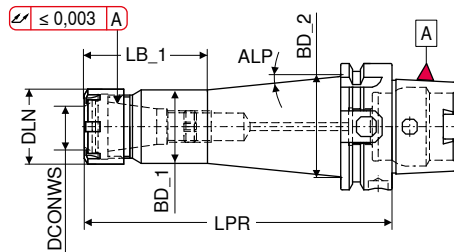


	Adapter	DCONWS mm	LPR mm	DLN mm	BD mm	TQX Nm	for collet	AD G 6,3 n _{max} 15000 Y8		AD G 2,5 n _{max} 18000 Y8		AD G 2,5 n _{max} 18000 Y8		AD G 6,3 n _{max} 15000 Y8		AD G 6,3 n _{max} 10000 Y8	
								Article no. 81 735 ... £		Article no. 81 735 ... £		Article no. 81 737 ... £		Article no. 81 737 ... £		Article no. 81 737 ... £	
short	HSK-A 32	1 - 10	65	22	19	8 - 56	426E (ER16 mini)			267.86	316						
	HSK-A 32	1 - 16	70	35	30	24 - 104	430E (ER25 mini)			267.86	325						
	HSK-A 40	1 - 10	70	22	22	8 - 56	426E (ER16 mini)			253.60	416						
	HSK-A 40	1 - 16	80	42	35	24 - 104	430E (ER25)			248.62	425						
	HSK-A 50	1 - 10	80	22	22	8 - 56	426E (ER16 mini)			258.16	516						
	HSK-A 50	1 - 16	95	42	42	24 - 104	430E (ER25)			253.60	525						
long	HSK-A 40	2 - 20	100	50	40	24 - 136	470E (ER32)			258.16	432						
	HSK-A 50	2 - 20	100	50	50	24 - 136	470E (ER32)			258.16	532						
	HSK-A 63	1 - 10	100	22	19	8 - 56	426E (ER16 mini)			219.57	616						
	HSK-A 63	1 - 16	100	42	32	24 - 104	430E (ER25)			258.16	625						
	HSK-A 63	2 - 20	100	50	50	24 - 136	470E (ER32)			267.86	632						
	HSK-A 100	1 - 16	100	42	42	24 - 104	430E (ER25)	333.69	125								
medium length	HSK-A 100	2 - 20	100	50	50	24 - 136	470E (ER32)	351.41	132								
	HSK-A 40	1 - 16	120	35	35	24 - 104	430E (ER25 mini)					325.11	425				
	HSK-A 63	2 - 26	120	63	50	176	472E (ER40)			282.10	640						
extra-long	HSK-A 100	3 - 26	120	63	50	176	472E (ER40)	376.38	140								
	HSK-A 63	2 - 20	160	50	50	24 - 136	470E (ER32)							363.44	632		
	HSK-A 63	3 - 26	160	63	63	176	472E (ER40)							372.85	640		
	HSK-A 100	1 - 16	160	42	42	24 - 104	430E (ER25)									433.63	125
	HSK-A 100	2 - 20	160	50	50	24 - 136	470E (ER32)									446.69	132
	HSK-A 100	3 - 26	160	63	63	176	472E (ER40)									466.75	140

ER-Collet chuck

Scope of supply:

Toolholder with lock nut and adjustable back stop



	Adapter	DCONWS	LPR	DLN	BD_1	BD_2	LB_1	ALP	TQX	for collet	AD G 2,5 n _{max} 18000 Y8 Article no. 81 737 ... £	AD G 6,3 n _{max} 15000 Y8 Article no. 81 737 ... £
medium length	HSK-A 40	1 - 10	120	22	22	29.15	47	4°	8 - 56	426E (ER16 mini)	325.11	416
extra-long	HSK-A 63	1 - 10	160	22	22	35.00	57	5°	8 - 56	426E (ER16 mini)		372.85 616
	HSK-A 63	1 - 16	160	35	35	46.10	68	5°	24 - 104	430E (ER25 mini)		363.44 625

Spare parts

for collet

	Y8 Lock nut IK Article no. 83 950 ... £	W7 Lock nut Article no. 62 950 ... £	Y8 Y clamping key Article no. 83 357 ... £	Y8 ER Mini clamping key Article no. 83 950 ... £	W7 Mini lock nut Article no. 62 950 ... £	Y8 Mini IK Article no. 83 950 ... £	Y8 Stop screw IK Article no. 81 950 ... £
426E (ER16 mini)				35.57 35.02	101 103	33.40 55.62	80.34 90.49
430E (ER25 mini)	76.11 81.41	055 056	21.03 21.56	055 056	22.20 32.33	125 132	3.41 4.42
470E (ER32)	97.97	057	22.33	057	36.64	140	4.42 6.40
472E (ER40)							6.40 057

Accessories

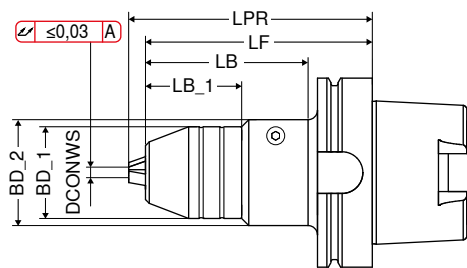
ER collet	Coolant transfer pipe	Others
→ 206, 211-215	→ 138	→ 17 34

Short drill chuck

- ▲ Independent of direction of rotation
- ▲ Torque Moment = 12 Nm

Scope of supply:
Toolholder including clamping key SW4

NC
2010

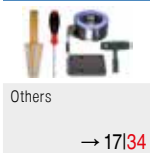


AD
G 6,3 n_{max} 10000
Y8

Adapter	DCONWS	BD_1	BD_2	LB_1	LB	LPR	LF	Article no.	
	mm	mm	mm	mm	mm	mm	mm	£	
HSK-A 63	0,5 - 13	48.5	56	50.9		116.9	126.0	548.51	613
HSK-A 63	2,5 - 16	51.0	56	50.9		116.9	127.5	579.46	616
HSK-A 100	0,5 - 13	48.5	56	50.9	86	120.0	129.0	779.35	113
HSK-A 100	2,5 - 16	51.0	56	50.9	86	120.0	130.5	814.93	116

i Can be used with G 2.5 to 30,000 1/min by subsequent balancing !

Accessories



Others

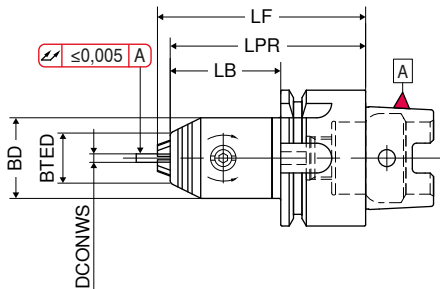
→ 17|34

Micro-precision collet chuck

- ▲ Bidirectional
- ▲ For speeds up to 60,000 1/min.

Scope of supply:

Holder including clamping wrench SW 2 x 60 mm



AD
G 2,5 n _{max} 25000
Y7
Article no.
84 710 ...
£
1,138.67 334
1,227.55 434
1,270.79 534

Adapter	DCONWS	LB	LPR	LF	BD	BTED	TQX
	mm	mm	mm	mm	mm	mm	Nm
HSK-A 32	0,2 - 3,4	26	46	49	19	12	2
HSK-A 40	0,2 - 3,4	26	46	49	19	12	2
HSK-A 50	0,2 - 3,4	26	52	55	19	12	2

Spare parts

for Article no.

84 710 334
84 710 434
84 710 534

Y7

Torx blade
Article no.
80 950 ...
£
8.97 152

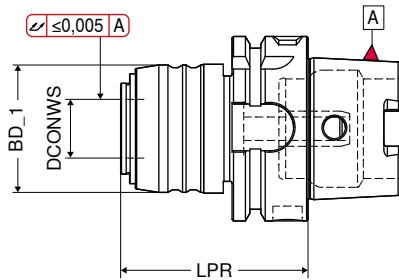
Y7

Torque screwdriver
Article no.
80 021 ...
£
116.50 018

1,8 Nm	116.50	018
1,8 Nm	116.50	018
1,8 Nm	116.50	018

Synchro tapping chuck with minimum length compensation

- ▲ For collets according to DIN 6499
- ▲ With length compensation under tension and under compression (LZD)
- ▲ $p_{\max} = 50 \text{ bar}$



AD

Y8

Article no.
83 724 ...

£

343.26 612

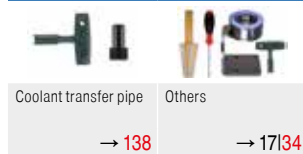
426.94 620

542.28 112

641.77 120

Adapter	cutting range	SZID	DCONWS	LPR	BD_1	LZD±
			mm	mm	mm	mm
HSK-A 63	M3 - M12	1	20	64	43	1,0 / 0,2
HSK-A 63	M6 - M20	2	32	97	60	1,0 / 0,2
HSK-A 100	M3 - M12	1	20	70	43	1,0 / 0,2
HSK-A 100	M6 - M20	2	32	91	60	1,0 / 0,2

Accessories



Coolant transfer pipe

Others

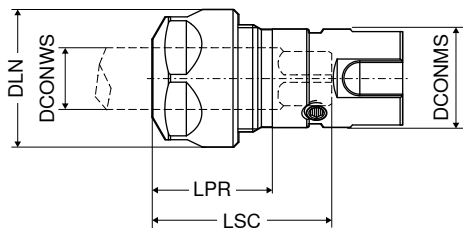
→ 138

→ 17134

Insert for synchro quick change tapping chuck with minimum length compensation

Scope of supply:

Includes lock nut



AD

Y8

Article no.
83 608 ...

£

185.88 012

216.51 020

SZID	DCONWS	cutting range	LPR	DLN	LSC	for collet	DCONMS
	mm		mm	mm	mm		mm
1	2 - 10	M3 - M12	24	28	42	426E (ER16)	20
2	2 - 16	M6 - M20	28	42	59	430E (ER25)	32

Spare parts for synchronous tapping chucks

		W7		Y8		W7		Y8	
									
		Lock nut		Lock nut IK		Lock nut		Y clamping key	
Spare parts		Article no.		Article no.		Article no.		Article no.	
for Article no.		62 950 ...		83 950 ...		62 950 ...		83 357 ...	
		£		£		£		£	
83 608 012	M22x1,5 - SW25	25.38	044	M22x1,5	65.34	054		22.20	116
83 608 020				M32x1,5	76.11	055	M32x1,5	21.03	055
								22.20	125

Accessories

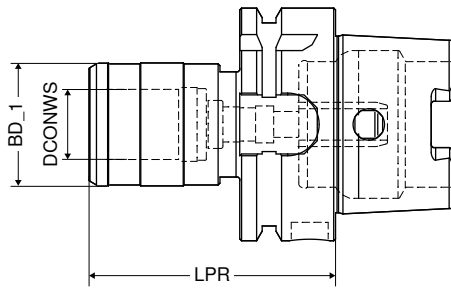


ER collet

→ 212, 214–215

Quick change tap chuck with length compensation

▲ With length compensation under tension and under compression (LZD)



A

Y8

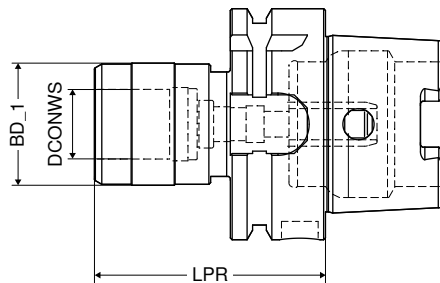
Article no.
83 712 ...

£

Adapter	cutting range	SZID	LPR	BD_1	DCONWS	LZD±		
			mm	mm	mm	mm		
HSK-A 63	M3 - M12	01	72	41	19	7,5	754.51	612
HSK-A 63	M6 - M20	02	110	60	31	10	877.39	620
HSK-A 100	M3 - M12	01	80	41	19	7,5	1,272.80	112
HSK-A 100	M6 - M20	02	100	60	31	10	1,118.82	120

Quick change tap chuck without length compensation

▲ $p_{max} = 50$ bar



AD

Y8

Article no.
83 710 ...

£

Adapter	cutting range	SZID	LPR	BD_1	DCONWS		
			mm	mm	mm		
HSK-A 63	M3 - M12	01	63	33	19	508.30	612
HSK-A 63	M6 - M20	02	89	50	31	641.77	620
HSK-A 100	M3 - M12	01	69	33	19	636.57	112
HSK-A 100	M6 - M20	02	92	50	31	783.13	120

Accessories



Collet

→ 219-223



Coolant transfer pipe

→ 138

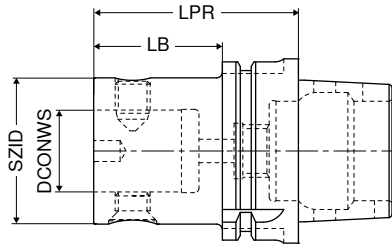


Others

→ 17|34

Adapter with ABS Connection

ABS

AD
G 6,3 n_{max} 10000

NEW 3E

Article no.
84 200 ...

£

360.18 06397

433.00 10097

Adapter	KOMET no.	SZID	DCONWS	LPR	LB
			mm	mm	mm
HSK-A 63	A0630150	ABS 50	28	70	44
HSK-A 100	A0650150	ABS 50	28	80	51

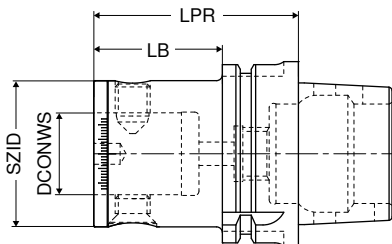
Eccentric adjuster with ABS Connection

▲ Adjustment ± 0.25 mm on diameter

Scope of supply:

Eccentric adjuster with adjuster key Ø 2.8

ABS



AD

NEW W4

Article no.
84 203 ...

£

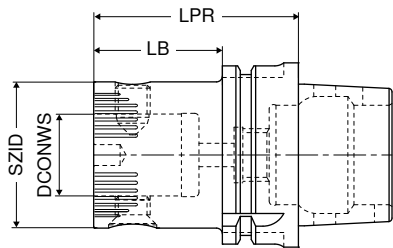
545.90 06397

620.34 10097

Adapter	KOMET no.	SZID	DCONWS	LPR	LB
			mm	mm	mm
HSK-A 63	A0636730	ABS 50	28	70	44
HSK-A 100	A0656730	ABS 50	28	80	51

Torsional vibration dampers with ABS Connection

ABS



AD

NEW 3E

Article no.

84 206 ...

£

643.82 06397

754.45 10097

Adapter	KOMET no.	SZID	DCONWS	LPR	LB
			mm	mm	mm
HSK-A 63	A0630251	ABS 50	28	70	44
HSK-A 100	A0650251	ABS 50	28	80	51

Spare parts
SZID

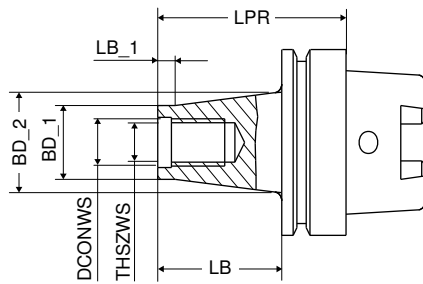
ABS 50

XX	XX	XX
Clamping screw	Taper screw	Set
Article no. 84 950 ...	Article no. 84 950 ...	Article no. 84 950 ...
£	£	£
11.60 20300	14.89 20400	26.43 99800

Accessories

Coolant transfer pipe	Extension	Others
→ 138	→ 17 27	→ 17 34

Adapter for milling cutters with threaded end



AD
G 2,5 n_{max} 30000

WA

Article no.
56 714 ...

£

Adapter	THSZWS	DCONWS	LB	BD_1	BD_2	LB_1	LPR		
		mm	mm	mm	mm	mm	mm		
HSK-A 63	M8	8.5	25	13.8	15	12	51	427.18	081
HSK-A 63	M8	8.5	50	13.8	23	12	76	431.73	082
HSK-A 63	M8	8.5	75	13.8	25	12	101	436.45	083
HSK-A 63	M8	8.5	100	13.8	30	12	126	441.02	084
HSK-A 63	M10	10.5	25	18.0	23	12	51	427.18	101
HSK-A 63	M10	10.5	50	18.0	25	12	76	431.73	102
HSK-A 63	M10	10.5	75	18.0	30	12	101	436.45	103
HSK-A 63	M10	10.5	100	18.0	35	12	126	441.02	104
HSK-A 63	M12	12.5	25	21.0	24	12	51	427.18	121
HSK-A 63	M12	12.5	50	21.0	30	12	76	431.73	122
HSK-A 63	M12	12.5	75	21.0	35	12	101	436.45	123
HSK-A 63	M12	12.5	100	21.0	38	12	126	441.02	124
HSK-A 63	M12	12.5	125	21.0	43	12	151	445.73	125
HSK-A 63	M12	12.5	150	21.0	45	12	176	450.30	126
HSK-A 63	M16	17.0	25	29.0	29	12	51	427.18	161
HSK-A 63	M16	17.0	50	29.0	34	12	76	431.73	162
HSK-A 63	M16	17.0	75	29.0	35	12	101	436.45	163
HSK-A 63	M16	17.0	100	29.0	40	12	126	441.02	164
HSK-A 63	M16	17.0	125	29.0	44	12	151	447.62	165
HSK-A 63	M16	17.0	150	29.0	48	12	176	450.30	166

Accessories



Extension-
Reduction set

→ 17|19

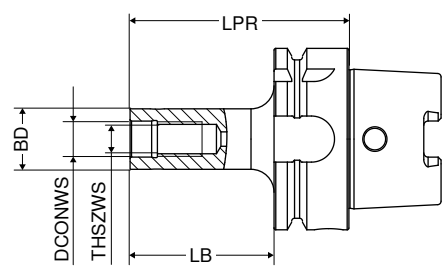
Coolant transfer pipe

→ 138

Others

→ 17|34

Adapter for milling cutters with threaded end



AD
G 2,5 n_{max} 25000
WA

Article no.
56 719 ...

Adapter	THSZWS	DCONWS	BD	LB	LPR		
		mm	mm	mm	mm		
HSK-A 63	M8	8.5	13.8	50	76	309.91	082
HSK-A 63	M10	10.5	18.0	50	76	309.91	102
HSK-A 63	M10	10.5	18.0	100	126	356.30	104
HSK-A 63	M12	12.5	21.0	50	76	309.91	122
HSK-A 63	M12	12.5	21.0	100	126	356.30	124
HSK-A 63	M16	17.0	29.0	50	76	309.91	162
HSK-A 63	M16	17.0	29.0	100	126	356.30	164

Accessories



Extension-Reduction set
→ 17|19



Coolant transfer pipe
→ 138



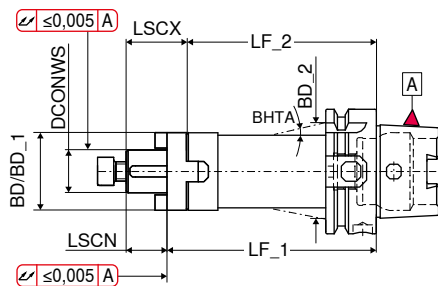
Others
→ 17|34

Combination shell mill adapter

▲ For milling cutters with transverse or longitudinal groove according to DIN 6358

Scope of supply:

Toolholder with retaining screw, driving ring and dowel spring



	Adapter	DCONWS	LF_1	LF_2	BD	BD_1	BD_2	LSCX	LSCN	BHTA	G 6,3 n _{max} 15000		G 6,3 n _{max} 15000		G 6,3 n _{max} 15000		G 6,3 n _{max} 15000	
											Y8	Article no.	Y8	Article no.	Y8	Article no.	Y8	Article no.
		mm	mm	mm	mm	mm	mm	mm	mm		£	81 738 ...	£	81 738 ...	£	81 739 ...	£	81 740 ...
short	HSK-A 63	16	60	50	32			27	17		263.14	616						
	HSK-A 63	22	60	48	40			31	19		268.82	622						
	HSK-A 63	27	60	48	48			33	21		280.43	627						
	HSK-A 63	32	60	46	53			38	24		289.57	632						
	HSK-A 63	40	70	56	70			41	27		294.95	640						
long	HSK-A 100	16	60	50	32			27	17				381.18	116				
	HSK-A 100	22	60	48	40			31	19				385.98	122				
	HSK-A 100	27	60	48	48			33	21				390.76	127				
	HSK-A 100	32	60	46	58			38	24				405.01	132				
	HSK-A 100	40	70	56	70			41	27				414.45	140				
extra-long	HSK-A 63	16	100	90	32			27	17						294.95	616		
	HSK-A 63	22	100	88	40			31	19						294.95	622		
	HSK-A 63	27	100	88	48			33	21						299.65	627		
	HSK-A 63	32	100	86	58			38	24						313.09	632		
	HSK-A 63	40	100	86	70			41	27						363.01	640		
extra-long	HSK-A 63	16	160	150		32	43.21	27	17	4.5°							331.08	616
	HSK-A 63	22	160	148		40	47.25	31	19	3.0°							331.08	622
	HSK-A 63	27	160	148	48			33	21								335.78	627
	HSK-A 63	32	160	146		58	53.00	38	24								353.77	632
	HSK-A 63	40	160	146		70	53.00	41	27								412.97	640

i These combination shell adapters are prebalanced without driving ring, dowel screw and retaining screw.

Spare parts DCONWS			Y8		Y8		Y8	
			Article no.	£	Article no.	£	Article no.	£
			83 950 ...		83 370 ...		81 950 ...	
16	4 x 4 x 20	3.29	284		12.13	116	M8x20 - 30 Nm	5.53
16	4 x 4 x 20	3.29	284		12.13	116	M8x20 - 30 Nm	5.53
22	6 x 6 x 25	3.29	285		11.65	122	M10x30 - 50 Nm	6.37
27	7 x 7 x 25	5.22	286		14.53	127	M12x35 - 80 Nm	7.77
32	8 x 7 x 28	3.71	287		15.25	132	M16x40 - 110 Nm	9.88
40	10 x 8 x 32	4.38	288		25.68	140		

Accessories



→ 17|28

→ 138

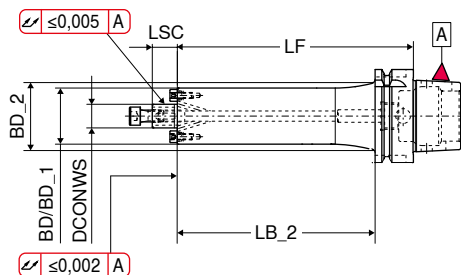
→ 17|34

Shell mill adapter

▲ For milling cutters with transverse or longitudinal groove ISO 3937

Scope of supply:

Holder with fixed drive dogs, dowel spring and retaining screw



	Adapter	DCONWS	LB_2	LF	BD	BD_1	BD_2	LSC	 AD G 2,5 n_{max} 25000		 AD G 2,5 n_{max} 25000		 AD G 2,5 n_{max} 25000		 AD G 2,5 n_{max} 25000	
									Y8	Article no.	Y8	Article no.	Y8	Article no.	Y8	Article no.
		mm	mm	mm	mm	mm	mm	mm	£	616	£	616	£	616	£	616
short	HSK-A 63	16	34	60	38			17	332.36	616						
	HSK-A 63	22	34	60	48			19	345.03	622						
	HSK-A 63	27	34	60	58			21	367.52	627						
	HSK-A 63	32	34	60	72			24	387.43	632						
	HSK-A 63	40	34	70	80			27	399.92	640						
	HSK-A 100	16	31	60	38			17	399.92	116						
	HSK-A 100	22	31	60	48			19	414.86	122						
	HSK-A 100	27	31	60	58			21	429.85	127						
	HSK-A 100	32	31	60	72			24	447.41	132						
	HSK-A 100	40	41	70	80			27	467.48	140						
long	HSK-A 63	16	74	100		38	44.3	17			367.52	616				
	HSK-A 63	22	74	100		48	50.3	19			379.88	622				
	HSK-A 63	27	74	100	58			21			399.92	627				
	HSK-A 63	32	74	100	72			24			419.83	632				
	HSK-A 63	40	74	100	80			27			434.92	640				
	HSK-A 100	16	71	100		38	46.3	17			447.41	116				
	HSK-A 100	22	71	100		48	56.3	19			467.48	122				
	HSK-A 100	27	71	100		58	66.3	24			484.88	127				
	HSK-A 100	32	71	100		72	80.3	24			502.33	132				
	HSK-A 100	40	71	100	80			27			519.91	140				
medium length	HSK-A 63	16	104	130		38	44.3	17					484.86	616		
	HSK-A 63	22	104	130		48	50.3	19					484.86	622		
	HSK-A 63	27	104	130	58			21					513.86	627		
	HSK-A 63	32	104	130	72			24					513.86	632		
	HSK-A 63	40	104	130	80			27					537.57	640		
	HSK-A 100	16	101	130		38	46.3	17					516.48	116		
	HSK-A 100	22	101	130		48	56.3	19					537.57	122		
	HSK-A 100	27	101	130		58	66.3	21					571.84	127		
	HSK-A 100	32	101	130		72	80.3	24					579.73	132		
	HSK-A 100	40	101	130	80			27					608.72	140		
extra-long	HSK-A 63	16	134	160		38	44.3	17							407.49	616
	HSK-A 63	22	134	160		48	50.3	19							425.04	622
	HSK-A 63	27	134	160	58			21							439.87	627
	HSK-A 63	32	134	160	72			24							457.45	632
	HSK-A 63	40	134	160	80			27							474.88	640
	HSK-A 100	16	131	160		38	46.3	17							509.89	116
	HSK-A 100	22	131	160		48	56.3	19							519.91	122
	HSK-A 100	27	131	160		58	66.3	21							534.86	127
	HSK-A 100	32	131	160		72	80.3	24							549.82	132
	HSK-A 100	40	131	160	80			27							572.35	140

Spare parts facemill adapters

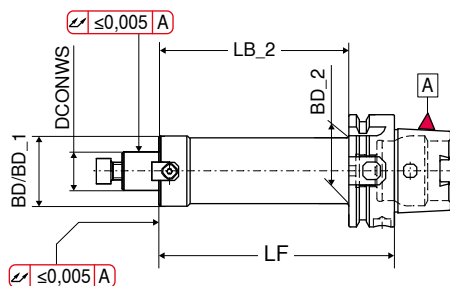
		Y8		W7		W7		Y8	
									
Spare parts DCONWS		Article no. 83 950 ...		Article no. 62 950 ...		Article no. 62 950 ...		Article no. 83 950 ...	
		£		£		£		£	
16	4 x 4 x 20	3.29	284	M4x15	22.29	442	M8x16 - SW6	55.07	433
22	6 x 6 x 25	3.29	285	M5x17	22.29	443	M10x18 - SW8	63.37	434
27	7 x 7 x 25	5.22	286	M6x21	22.29	444	M12x20 - SW10	70.01	435
32	8 x 7 x 28	3.71	287	M6x22	22.29	445	M16x26 - SW12	86.47	436
40	10 x 8 x 32	4.38	288	M6x23	22.29	446	M20x30 - SW14	114.27	437
							M8x25	5.65	113
							M10x25	6.38	124
							M12x30	7.05	125
							M16x35	8.59	126
							M20x40	9.47	112

Shell mill adapter

- ▲ Enlarged seating surface (Ø BD)
- ▲ For face mills with transverse groove ISO 3937

Scope of supply:

Toolholder with retaining screw and drive dogs



									
		AD		A		A		AD	
		G 2,5 n _{max} 18000		G 2,5 n _{max} 18000		G 2,5 n _{max} 18000		G 2,5 n _{max} 18000	
		Y8		Y8		Y8		Y8	
		Article no. 81 728 ...		Article no. 81 741 ...		Article no. 81 742 ...		Article no. 81 747 ...	
		£		£		£		£	
short	Adapter	DCONWS	LB_2	LF	BD	BD_1	BD_2		
		mm	mm	mm	mm	mm	mm		
	HSK-A 63	16	24	50	38			342.41	216
	HSK-A 63	22	24	50	48			348.09	222
	HSK-A 63	27	34	60	58			366.77	227
	HSK-A 63	32	34	60	78			373.26	232
	HSK-A 63	40	34	60	88			340.48	240 ¹⁾
long	HSK-A 100	16	21	50	38			366.96	116
	HSK-A 100	22	21	50	48			376.38	122
	HSK-A 100	27	21	50	58			385.98	127
	HSK-A 100	32	21	50	78			400.20	132
	HSK-A 100	40	31	60	88			419.24	140 ¹⁾
	HSK-A 100	60	41	70	129			433.33	160 ²⁾
long	HSK-A 63	16	74	100	38				
	HSK-A 63	22	74	100	48				
	HSK-A 63	27	74	100		58	53	305.91	616
	HSK-A 63	32	74	100		78	53	310.72	622
	HSK-A 63	40	74	100		88	53	315.58	627
	HSK-A 63							315.58	632
long	HSK-A 63							329.84	640 ¹⁾
	HSK-A 63								
	HSK-A 63								
	HSK-A 63								
	HSK-A 63								
	HSK-A 63								

1) With cross recess screw and threaded holes M12 on the front face, pitch circle diameter = 66.7 mm

2) With threaded holes M16 on the front face, pitch circle diameter = 101.6 mm

Spare parts facemill adapters

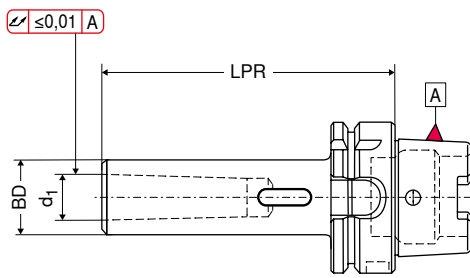
				Y8		Y8		Y8	
									
Spare parts DCONWS				Article no. 83 368 ...		Article no. 83 367 ...		Article no. 81 950 ...	
				£		£		£	
16	20.07	116	M8	5.33	016	M8x20 - 30 Nm	5.53	020	
22	24.96	122	M10	5.93	022	M10x30 - 50 Nm	6.37	021	
27	29.34	127	M12	7.58	027	M12x35 - 80 Nm	7.77	022	
32	40.00	132	M16	11.90	032	M16x40 - 110 Nm	9.88	023	
40	39.72	140	M20	12.74	040				
60									

				Y8		Y8	
							
DCONWS				Article no. 81 950 ...		Article no. 81 950 ...	
				£		£	
16		8x8x14	13.66	001	M3x8	0.97	010
22		10x10x17	14.10	002	M4x8	1.27	011
27		12x14x20	15.55	003	M4x14	1.30	012
32		14x14x22	15.38	004	M5x13	1.47	013
40		15,9x16x21	21.93	005	M6x16	1.61	014
60		25,4x25x31	28.95	006	M12x25	7.79	015

Accessories

		
Extensions	Coolant transfer pipe	Others
→ 17 26	→ 138	→ 17 34

Milling sleeve adapter for Morse taper shanks to DIN 228-2 D



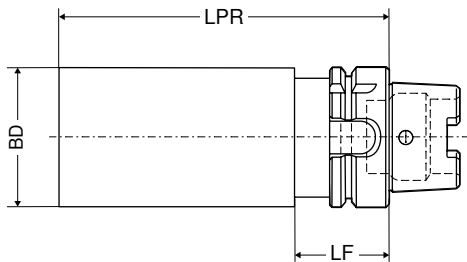
Adapter	d ₁	LPR	BD	10		10	
				Article no.		Article no.	
				81 744 ...	81 744 ...	81 744 ...	81 744 ...
		mm	mm	£		£	
HSK-A 63	MK1	100	25	248.62	601		
HSK-A 63	MK2	120	32	258.16	602		
HSK-A 63	MK3	140	40	267.86	603		
HSK-A 63	MK4	160	48	305.91	604		
HSK-A 100	MK1	110	25			306.79	101
HSK-A 100	MK2	120	32			321.20	102
HSK-A 100	MK3	150	40			331.36	103
HSK-A 100	MK4	170	48			361.41	104
HSK-A 100	MK5	200	63			438.29	105

Accessories



Blank

- ▲ Material: 20NiCrMo2
- ▲ For production of special tools
- ▲ Taper hardened and ground
- ▲ Tool 35^{±3} HRC

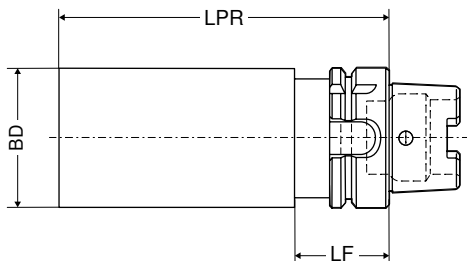


A
Y8

Adapter	BD	LPR	LF	Article no.	
	mm	mm	mm	81 745 ...	
HSK-A 32	35.0	150	35	£ 181.79	335
HSK-A 40	40.0	150	35	191.22	440
HSK-A 40	52.0	200	35	210.44	452
HSK-A 50	52.0	200	42	229.37	552
HSK-A 50	63.0	200	42	229.37	563
HSK-A 63	63.0	200	42	239.22	663
HSK-A 63	80.0	250	42	267.86	680
HSK-A 100	63.0	200	45	301.15	163
HSK-A 100	80.0	250	45	351.41	180
HSK-A 100	97.5	250	45	431.59	190

Blank

- ▲ For the production of special tools
- ▲ Material: case hardened steel 16 MnCr 5
- ▲ Taper hardened and ground
- ▲ Tool production area = soft

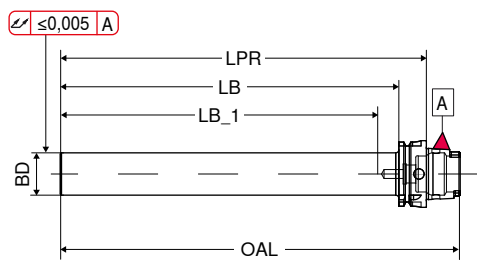


A
Y8

Adapter	BD	LPR	LF	Article no.	
	mm	mm	mm	84 799 ...	
HSK 63	63	200	42	£ 223.55	663
HSK 63	80	250	42	256.12	680

Test arbor

Scope of supply:
In wooden box



Adapter	BD	LPR	LB_1	LB	OAL	Y8	
						Article no.	
	mm	mm	mm	mm	mm	81 746 ...	
HSK-A 63	40	346	300	320	378	£ 556.17	063
HSK-A 100	40	349	300	320	399	710.22	100

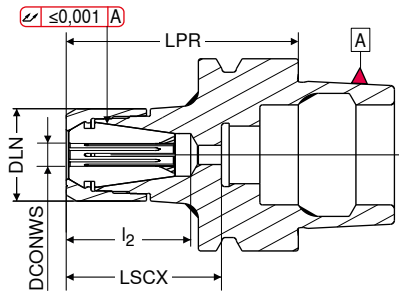
ER Precision Collet chuck

- ▲ For standard or sealed nuts
- ▲ Maximum size collet to ISO tolerance field H10
- ▲ For clamping a roll key is required
- ▲ $p_{\max} = 80$ bar

Scope of supply:

Holder **without** nut, **without** backstop

Centro-P



AD
G 2,5 n_{max} 30000
Y8

Article no.
84 776 ...

£
353.44 417
388.88 516

Adapter	DCONWS	LPR	DLN	LSCX	l ₂	for collet
	mm	mm	mm	mm	mm	
HSK-E 40	2 - 16	60	40	39		430E (ER25)
HSK-E 50	2 - 16	70	40	49	30 - 39	430E (ER25)

→ Transmittable torque moments, Page 233

- i** LSCX = Clamping depth without back stop screw for shanks
l₂ = With back stop screw 1
Dimension LPR when using tightening nuts with seals 4 mm longer

Spare parts

for collet
430E (ER25)

Y8	Y8	Y8
Article no. 84 950 ...	Article no. 84 950 ...	Article no. 83 950 ...
£ 81.12 013	£ 60.06 003	£ 33.50 338

Accessories

ER collet	Sealing ring	Roll key	Roll key device	Coolant transfer pipe	Others
→ 208-211, 213	→ 207	→ 17 36	→ 17 36	→ 138	→ 17 34

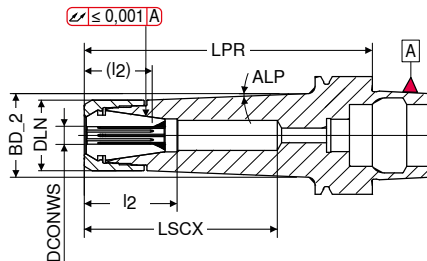
ER Precision tapered collet chuck

- ▲ For special tapered nuts
- ▲ Maximum clamping range covered according to ISO tolerance field H10
- ▲ Roll key required for clamping
- ▲ $p_{\max} = 80$ bar

Scope of supply:

Holder **without** nut, **without** backstop

Centro-P



	Adapter	DCONWS	LPR	DLN	BD_2	LSCX	l_2 (l_2) mm	ALP	for collet	 AD G 2,5 $n_{\max}$ 30000 Y8		 AD G 6,3 $n_{\max}$ 42000 Y8	
										Article no. 84 774 ...	£	Article no. 84 774 ...	£
short	HSK-E 25	1 - 5	35	10		16			4004E (ER08 mini)				
	HSK-E 25	1 - 7	35	16		22		2.5°	4008E (ER11 mini)	223.54	071		
	HSK-E 32	1 - 7	50	16	17.5	31	18 - 20	4.5°	4008E (ER11 mini)	318.17	307		
	HSK-E 32	1 - 7	50	16	17.5	31	18 - 20	4.5°	4008E (ER11 mini)			626.58	321
	HSK-E 32	1 - 7	60	16	19.2	41	18 - 28	4.5°	4008E (ER11 mini)			701.71	322
	HSK-E 32	1 - 7	70	16	20.8	45	18 - 32	4.5°	4008E (ER11 mini)			701.71	323
	HSK-E 40	1 - 7	50	16	17.5	31	18 - 20	4.5°	4008E (ER11 mini)	260.11	407		
	HSK-E 50	1 - 7	60	16	19.2	37	15 - 23	4.5°	4008E (ER11 mini)	295.51	507		
	HSK-E 25	1 - 10	45	22		30			426E (ER16 mini)	223.54	101		
	HSK-E 32	1 - 10	55	22	25.8	40	28 - 32 (12 - 22)	4.5°	426E (ER16 mini)	318.17	310		
	HSK-E 40	1 - 10	55	22	25.8	38	28 - 30 (12 - 20)	4.5°	426E (ER16 mini)	247.67	410		
	HSK-E 50	1 - 10	60	22	25.4	39	28 - 31 (12 - 21)	4.5°	426E (ER16 mini)	239.29	510		
long	HSK-E 40	1 - 7	100	16	25.4	64	18 - 36 (12 - 26)	4.5°	4008E (ER11 mini)	318.17	408		
	HSK-E 50	1 - 7	100	16	25.4	50	15 - 30 (10 - 21)	4.5°	4008E (ER11 mini)	343.85	508		
	HSK-E 40	1 - 10	100	22	29.0	66	28 - 48 (12 - 38)	2.5°	426E (ER16 mini)	283.97	411		
	HSK-E 50	1 - 10	100	22	28.2	72	28 - 48 (12 - 38)	2.5°	426E (ER16 mini)	293.68	511		

→ Transmittable torque moments, Page 233

- i** LSCX = Clamping depth without back stop screw for shanks
 l_2 = With back stop screw 1, dimension in brackets () = with back stop screw 2
 Dimension LPR when using tightening nuts with seals 4 mm longer

Spare parts

for collet

	Article no. 84 950 ...	£	Article no. 84 950 ...	£	Article no. 83 950 ...	£	Article no. 83 950 ...	£
4004E (ER08 mini)			90.71	040				
4008E (ER11 mini)			75.49	041	43.03	340	28.66	336
426E (ER16 mini)	73.51	035	60.30	034	45.14	341	30.24	337

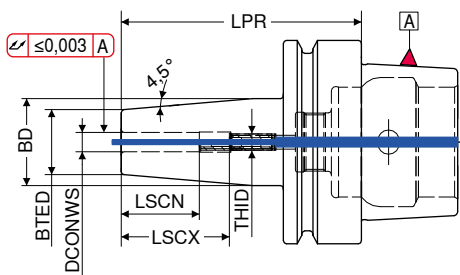
Accessories

ER collet	Sealing ring	Device	Roll key	Roll key device	Coolant transfer pipe	Others
→ 208-213	→ 207	→ 17 35	→ 17 36	→ 17 36	→ 138	→ 17 34

Shrink fit adapters

▲ For solid carbide and HSS shanks with h6 tolerance or better

TG



	Adapter	DCONWS	LPR	BTED	BD	LSCX	LSCN	THID	 AD G 2,5 n _{max} 25000		 AD G 2,5 n _{max} 25000		 AD G 2,5 n _{max} 25000	
									Y8		Y8		Y8	
									Article no. 84 307 ...	£	Article no. 84 308 ...	£	Article no. 84 309 ...	£
short	HSK-E 32	3	60	10	15	28	12	M5	224.95	103				
	HSK-E 32	4	60	10	15	28	16	M5	224.95	104				
	HSK-E 32	5	60	10	15	30	20	M5	224.95	105				
	HSK-E 32	6	70	21	25	36	26	M5	204.04	106				
	HSK-E 32	8	70	21	25	36	26	M6	204.04	108				
	HSK-E 32	10	75	24	29	41	31	M8x1	204.04	110				
	HSK-E 32	12	80	24	29	47	37	M10x1	204.04	112				
	HSK-E 40	3	60	10	15	28	12	M6			271.92	103		
	HSK-E 40	4	60	10	15	28	16	M6			264.98	104		
	HSK-E 40	5	60	10	15	30	20	M6			264.98	105		
	HSK-E 40	6	80	21	27	36	26	M5			223.29	106		
	HSK-E 40	8	80	21	27	36	26	M6			223.29	108		
	HSK-E 40	10	80	24	32	41	31	M8x1			223.29	110		
	HSK-E 40	12	90	24	32	47	37	M10x1			223.29	112		
	HSK-E 40	14	90	27	34	47	37	M10x1			223.29	114		
	HSK-E 40	16	90	27	34	50	40	M12x1			223.29	116		
	HSK-E 50	3	80	10	15	22	12	M6					274.75	103
	HSK-E 50	4	80	15	22	26	16	M6					267.78	104
	HSK-E 50	5	80	15	22	30	20	M6					267.78	105
	HSK-E 50	6	80	21	27	36	26	M5					253.17	106
	HSK-E 50	8	80	21	27	36	26	M6					253.17	108
	HSK-E 50	10	85	24	32	41	31	M8x1					253.17	110
	HSK-E 50	12	90	24	32	47	37	M10x1					253.17	112
	HSK-E 50	14	90	27	34	47	37	M10x1					253.17	114
	HSK-E 50	16	95	27	34	50	40	M12x1					253.17	116
	HSK-E 50	18	95	33	42	50	40	M12x1					253.17	118
	HSK-E 50	20	100	33	42	52	42	M16x1					253.17	120

→ Min. clamping depth, Page 233

Spare parts DCONWS		 Y7 Stop screw IK		 Y7 Thro' coolant back stop screw		 Y7 Stop screw IK	
		Article no. 83 950 ...	£	Article no. 83 950 ...	£	Article no. 83 950 ...	£
3 - 5	M6x14 - SW2	18.89	417	M5x14 - SW2	18.89	411	
6						M5x12,5 - SW2,5	18.89 418
8						M6x12,5 - SW3	18.89 419
10						M8x1x13,5 - SW3	18.89 420
12 - 14						M10x1x13,5 - SW5	18.89 421
16 - 18						M12x1x13,5 - SW5	18.89 422
20						M16x1x13,5 - SW5	21.78 423

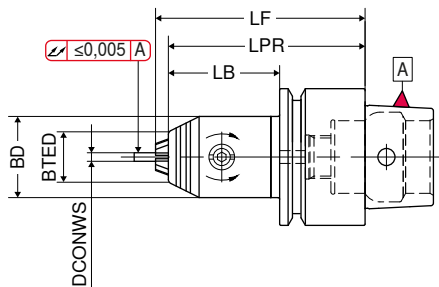
❗ Spare part 83 950 411 only for HSK-E 32. Spare part 83 950 417 for HSK-E 40/HSK-E 50.

Micro-precision collet chuck

- ▲ Bidirectional
- ▲ For speeds up to 60,000 1/min.

Scope of supply:

Holder including clamping wrench SW 2 x 60 mm



AD
G 2,5 n_{max} 18000
Y7

Adapter	DCONWS	LB	LPR	LF	BD	BTED	TQX	
	mm	mm	mm	mm	mm	mm	Nm	
HSK-E 25	0,2 - 3,4	27	37	40	19	12	2	1,085.83 234
HSK-E 32	0,2 - 3,4	26	46	49	19	12	2	1,172.29 334
HSK-E 40	0,2 - 3,4	26	46	49	19	12	2	1,215.53 434

Article no.
84 712 ...
£
234
334
434

Spare parts

for Article no.

84 712 234	8.97	152	1,8 Nm	116.50	018
84 712 334	8.97	152	1,8 Nm	116.50	018
84 712 434	8.97	152	1,8 Nm	116.50	018

Y7

Torx blade

Article no.
80 950 ...
£
152

Y7

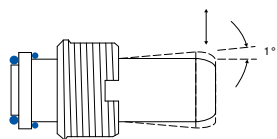
Torque screwdriver

Article no.
80 021 ...
£
018

Coolant pipe

Scope of supply:

Complete, including seals



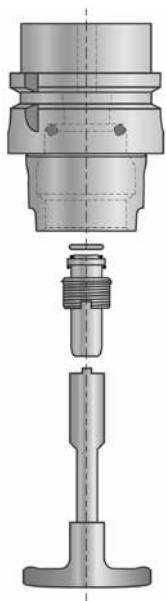
Size	G	Y8	
		Article no.	
		83 760 ...	
		£	
HSK 32	M10 x 1	18.96	032
HSK 40	M12 x 1	18.96	040
HSK 50	M16 x 1	18.96	050
HSK 63	M18 x 1	10.36	063
HSK 80	M20 x 1,5	20.77	080
HSK 100	M24 x 1,5	16.93	100

Key



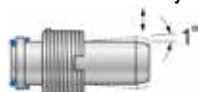
Size	Y8	
	Article no.	
	83 758 ...	
	£	
HSK 32	32.66	032
HSK 40	32.93	040
HSK 50	35.71	050
HSK 63	22.22	063
HSK 80	42.07	080
HSK 100	41.70	100

Coolant pipe for HSK tools

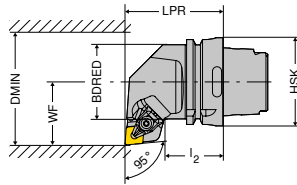


i The coolant pipe is ideally mounted in vertical direction – from the bottom to the top. In this manner the sealing ring is prevented from being compressed during locating which would cause the loss of its sealing function. After mounting, the coolant pipe can be moved only to a minimum degree according to DIN ($\pm 1^\circ$).

Flexibility



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



Illustrations show right-hand versions

ISO designation	Adapter	LPR	I ₂	BDRED	WF	DMIN	Insert	Left-hand 2D/80		Right-hand 2D/80	
								Article no. 74 504 ...		Article no. 74 503 ...	
		mm	mm	mm	mm	mm		£		£	
HSK T63 DCLN R/L 12	HSK-T 63	70	42	53	45	100	CN.. 1204	312.25	512	312.25	512
HSK T63 DCLN R/L 16	HSK-T 63	70	42	53	45	125	CN.. 1606	312.25	516	312.25	516
HSK T63 DCLN R/L 19	HSK-T 63	70	42	53	45	125	CN.. 1906	312.25	519	312.25	519
HSK T100 DCLN R/L 12	HSK-T 100	80	45	88	55	125	CN.. 1204	366.56	712	366.56	712
HSK T100 DCLN R/L 19	HSK-T 100	80	45	88	55	125	CN.. 1906	366.56	719	366.56	719

Spare parts

for Article no.

Article no. 70 950 ...		Article no. 80 950 ...		Article no. 70 950 ...		Article no. 70 950 ...	
	£		£		£		£
74 504 512 / 74 503 512	21.61 824	T15 - IP	15.77 128	M4,5x12 - IP	2.71 820	7.17	810
74 504 516 / 74 503 516	24.26 825	T20 - IP	16.56 129	M5x14 - IP	3.85 821	10.95	814
74 504 519 / 74 503 519	26.54 826	T20 - IP	16.56 129	M5x14 - IP	3.85 821	11.74	816
74 504 712 / 74 503 712	21.61 824	T15 - IP	15.77 128	M4,5x12 - IP	2.71 820	7.17	810
74 504 719 / 74 503 719	26.54 826	T20 - IP	16.56 129	M5x14 - IP	3.85 821	11.74	816

2A/28



XPress type

Article no.
70 950 ...

£

Y7

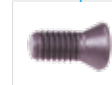


Key D

Article no.
80 950 ...

£

2A/28



Clamping screw

Article no.
70 950 ...

£

2A/28

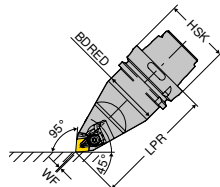


Carbide type C

Article no.
70 950 ...

£

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

Neutral
2D/80

ISO designation	Adapter	LPR	BDRED	WF	Insert	Neutral 2D/80	
						Article no. 74 506 ...	
		mm	mm	mm		£	
HSK T63 DCMN N 12	HSK-T 63	115	53	0	CN.. 1204	428.34	512
HSK T100 DCMN N 12	HSK-T 100	150	88	0	CN.. 1204	503.81	712

2A/28



XPress type

Article no.
70 950 ...

£

Y7



Key D

Article no.
80 950 ...

£

2A/28



Clamping screw

Article no.
70 950 ...

£

2A/28



Carbide type C

Article no.
70 950 ...

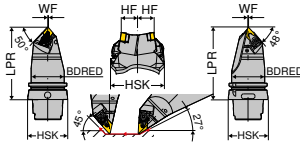
£

Spare parts

for Article no.

74 506 512	21.61 824	T15 - IP	15.77 128	M4,5x12 - IP	2.71 820	7.17	810
74 506 712	21.61 824	T15 - IP	15.77 128	M4,5x12 - IP	2.71 820	7.17	810

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

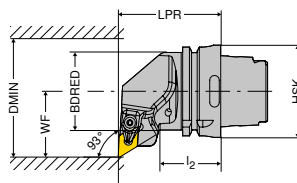


ISO designation	Adapter	LPR	BDRED	WF	HF	Insert	Neutral	
							2D/80	Article no.
		mm	mm	mm	mm			74 600 ...
HSK T63 DCMN L 12 + DDMN L 15	HSK-T 63	115	53	0.5	20	CN.. 1204 / DN.. 1506	£	501
HSK T100 DCMN L 12 + DDMN L 15	HSK-T 100	150	88	0.5	20	CN.. 1204 / DN.. 1506	808.47	701
							923.12	

i Face turning maximum 78 mm

Spare parts	2A/28		Y7		2A/28		2A/28		2A/28	
	XPress type		Key D		Clamping screw		Solid Carbide Seat D		Carbide type C	
for Article no.	Article no.		Article no.		Article no.		Article no.		Article no.	
	70 950 ...		80 950 ...		70 950 ...		70 950 ...		70 950 ...	
	£		£		£		£		£	
74 600 501	21.61	824	T15 - IP	15.77	128	M4,5x12 - IP	2.71	820	7.17	811
74 600 701	21.61	824	T15 - IP	15.77	128	M4,5x12 - IP	2.71	820	7.17	811

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

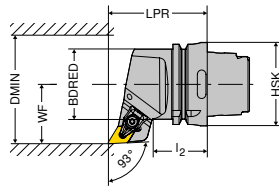


Illustrations show right-hand versions

ISO designation	Adapter	LPR	I ₂	BDRED	WF	DMN	Insert	Left-hand		Right-hand	
								2D/80	Article no.	2D/80	Article no.
		mm	mm	mm	mm	mm			74 516 ...		74 515 ...
HSK T63 DDUN R/L 15	HSK-T 63	70	42	53	45	125	DN.. 1506	£	515	£	515
HSK T100 DDUN R/L 15	HSK-T 100	80	45	88	55	125	DN.. 1506	312.25	715	312.25	715
								366.56		366.56	

	2A/28  XPress type		Y7  Key D		2A/28  Clamping screw		2A/28  Solid Carbide Seat D			
Spare parts	Article no. 70 950 ...		Article no. 80 950 ...		Article no. 70 950 ...		Article no. 70 950 ...			
for Article no.	£		£		£		£			
74 516 515 / 74 515 515	21.61	824	T15 - IP	15.77	128	M4,5x12 - IP	2.71	820	7.17	811
74 516 715 / 74 515 715	21.61	824	T15 - IP	15.77	128	M4,5x12 - IP	2.71	820	7.17	811

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



Illustrations show right-hand versions

ISO designation	Adapter	LPR	I ₂	BDRED	WF	DMIN	Insert	Left-hand 2D/80		Right-hand 2D/80	
								Article no. 74 512 ...		Article no. 74 511 ...	
HSK T63 DDJN R/L 15	HSK-T 63	75	42	53	45	125	DN.. 1506	£ 312.25	515	£ 312.25	515
HSK T100 DDJN R/L 15	HSK-T 100	85	45	88	55	125	DN.. 1506	£ 366.56	715	£ 366.56	715

Spare parts

for Article no.

	Article no. 70 950 ...	£		Article no. 80 950 ...	£		Article no. 70 950 ...	£		Article no. 70 950 ...	£
74 512 515 / 74 511 515	21.61	824	T15 - IP	15.77	128	M4,5x12 - IP	2.71	820	7.17	811	
74 512 715 / 74 511 715	21.61	824	T15 - IP	15.77	128	M4,5x12 - IP	2.71	820	7.17	811	

2A/28



XPress type

Article no.
70 950 ...

£

Y7



Key D

Article no.
80 950 ...

£

2A/28



Clamping screw

Article no.
70 950 ...

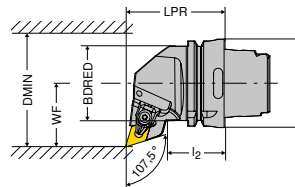
£

2A/28

Solid Carbide
Seat DArticle no.
70 950 ...

£

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



Illustrations show right-hand versions

ISO designation	Adapter	LPR	I ₂	BDRED	WF	DMIN	Insert	Left-hand 2D/80		Right-hand 2D/80	
								Article no. 74 508 ...		Article no. 74 507 ...	
HSK T63 DDHN R/L 15	HSK-T 63	70	42	53	45	125	DN.. 1506	£ 312.25	515	£ 312.25	515

Spare parts

for Article no.

	Article no. 70 950 ...	£		Article no. 80 950 ...	£		Article no. 70 950 ...	£		Article no. 70 950 ...	£
74 508 515 / 74 507 515	21.61	824	T15 - IP	15.77	128	M4,5x12 - IP	2.71	820	7.17	811	

2A/28



XPress type

Article no.
70 950 ...

£

Y7



Key D

Article no.
80 950 ...

£

2A/28



Clamping screw

Article no.
70 950 ...

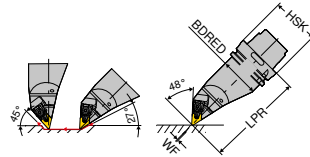
£

2A/28

Solid Carbide
Seat DArticle no.
70 950 ...

£

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



Left-hand

2D/80

Article no.

74 519 ...

£

428.34 515

503.81 715

ISO designation	Adapter	LPR	BDRED	WF	Insert		
		mm	mm	mm			
HSK T63 DDMN L 15	HSK-T 63	130	53	0	DN.. 1506		
HSK T100 DDMN L 15	HSK-T 100	160	88	0	DN.. 1506		

Spare parts

for Article no.

	Article no.		Article no.		Article no.		Article no.
	70 950 ...		80 950 ...		70 950 ...		70 950 ...
	£		£		£		£
74 519 515	21.61 824	T15 - IP	15.77 128	M4,5x12 - IP	2.71 820	7.17	811
74 519 715	21.61 824	T15 - IP	15.77 128	M4,5x12 - IP	2.71 820	7.17	811

2A/28



XPress type

Y7



Key D

2A/28

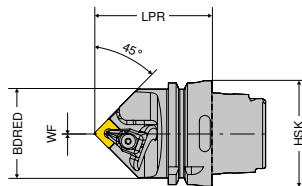


Clamping screw

2A/28

Solid Carbide
Seat D

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



Neutral

2D/80

Article no.

74 522 ...

£

312.25 512

312.25 515

366.56 712

366.56 719

ISO designation	Adapter	LPR	BDRED	WF	Insert		
		mm	mm	mm			
HSK T63 DSDN N 12	HSK-T 63	70	53	0	SN.. 1204		
HSK T63 DSDN N 15	HSK-T 63	75	53	0	SN.. 1506		
HSK T100 DSDN N 12	HSK-T 100	80	88	0	SN.. 1204		
HSK T100 DSDN N 19	HSK-T 100	85	88	0	SN.. 1906		

Spare parts

for Article no.

	Article no.		Article no.		Article no.		Article no.
	70 950 ...		80 950 ...		70 950 ...		70 950 ...
	£		£		£		£
74 522 512	21.61 824	T15 - IP	15.77 128	M4,5x12 - IP	2.71 820	7.17	813
74 522 515	24.26 825	T20 - IP	16.56 129	M5x14 - IP	3.85 821	10.95	833
74 522 712	21.61 824	T15 - IP	15.77 128	M4,5x12 - IP	2.71 820	7.17	813
74 522 719	26.54 826	T20 - IP	16.56 129	M5x14 - IP	3.85 821	11.74	817

2A/28



XPress type

Y7



Key D

2A/28

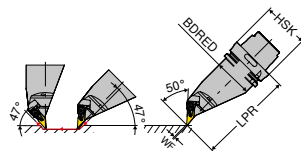


Clamping screw

2A/28

Solid Carbide
support S

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



ISO designation	Adapter	LPR	BDRED	WF	Insert	Left-hand 2D/80	
						Article no. 74 525 ...	
		mm	mm	mm		£	
HSK T63 DVMN L 16	HSK-T 63	130	53	0	VN.. 1604	497.82	516
HSK T100 DVMN L 16	HSK-T 100	160	88	0	VN.. 1604	610.89	716

Spare parts

for Article no.

		Article no. 70 950 ...	£			Article no. 80 950 ...	£			Article no. 70 950 ...	£			Article no. 70 950 ...	£		
74 525 516		835	26.15		T09 - IP	126	14.77		M3x7 - IP	819	2.85		806	806	5.08		806
74 525 716		835	26.15		T09 - IP	126	14.77		M3x7 - IP	819	2.85		806	806	5.08		806

2A/28



XPress type

Article no.
70 950 ...

£

Y7



Key D

Article no.
80 950 ...

£

2A/28



Clamping screw

Article no.
70 950 ...

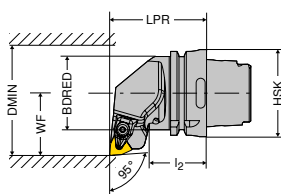
£

2A/28

Solid Carbide
Seat VArticle no.
70 950 ...

£

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



Illustrations show right-hand versions

ISO designation	Adapter	LPR	I ₂	BDRED	WF	DMIN	Insert	Left-hand 2D/80		Right-hand 2D/80	
								Article no. 74 529 ...		Article no. 74 528 ...	
		mm	mm	mm	mm	mm		£		£	
HSK T63 DWLN R/L 08	HSK-T 63	70	42	53	45	125	WN.. 0804	312.25	508	312.25	508
HSK T100 DWLN R/L 08	HSK-T 100	80	45	88	55	125	WN.. 0804	366.56	708	366.56	708

Spare parts

for Article no.

		Article no. 70 950 ...	£			Article no. 80 950 ...	£			Article no. 70 950 ...	£			Article no. 70 950 ...	£		
74 529 508 / 74 528 508		824	21.61		T15 - IP	128	15.77		M4,5x12 - IP	820	2.71		812	812	9.03		812
74 529 708 / 74 528 708		824	21.61		T15 - IP	128	15.77		M4,5x12 - IP	820	2.71		812	812	9.03		812

2A/28



XPress type

Article no.
70 950 ...

£

Y7



Key D

Article no.
80 950 ...

£

2A/28



Clamping screw

Article no.
70 950 ...

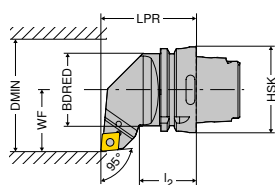
£

2A/28

Solid Carbide
Seat WArticle no.
70 950 ...

£

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



Illustrations show right-hand versions

ISO designation	Adapter	LPR	I ₂	BDRED	WF	DMIN	Insert	Left-hand 2D/80		Right-hand 2D/80	
								Article no. 74 541 ...	Article no. 74 540 ...	Article no. 74 541 ...	Article no. 74 540 ...
HSK T63 SCLC R/L 12	HSK-T 63	70	42	53	45	100	CC.. 1204	£ 309.24	512	£ 309.24	512

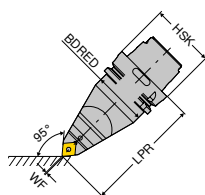
Spare parts

for Article no.

74 541 512 / 74 540 512

2A/28		2A/28		2A/28		2A/28	
							
Combination Key		Clamping screw		Carbide type C		Threaded sleeve	
Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...	
£ 7.53		£ 2.34		£ 11.25		£ 4.22	
398		114		166		170	

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



ISO designation	Adapter	LPR	BDRED	WF	Insert	Neutral 2D/80	
						Article no. 74 542 ...	Article no. 74 542 ...
HSK T63 SCMC N 12	HSK-T 63	115	53	0	CC.. 1204	£ 422.32	512

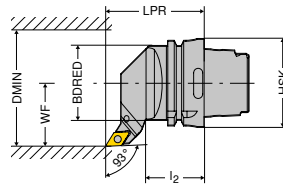
Spare parts

for Article no.

74 542 512

2A/28		2A/28		2A/28		2A/28	
							
Combination Key		Clamping screw		Carbide type C		Threaded sleeve	
Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...	
£ 7.53		£ 2.34		£ 11.25		£ 4.22	
398		114		166		170	

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



Illustrations show right-hand versions

ISO designation	Adapter	LPR	I ₂	BDRED	WF	DMIN	Insert	Left-hand 2D/80		Right-hand 2D/80	
								Article no. 74 544 ...	£	Article no. 74 543 ...	£
HSK T63 SDJC R/L 11	HSK-T 63	70	42	53	45	100	DC.. 11T3	309.24	511	309.24	511

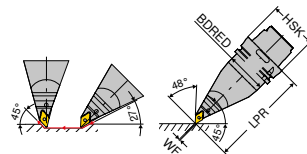
Spare parts

for Article no.

74 544 511 / 74 543 511

2A/28		2A/28		2A/28		2A/28	
							
Combination Key		Clamping screw		Solid Carbide Seat D		Threaded sleeve	
Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...	
£		£		£		£	
7.53 398		2.85 113		6.81 106		4.22 171	

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



ISO designation	Adapter	LPR	BDRED	WF	Insert	Left-hand 2D/80	
						Article no. 74 546 ...	£
HSK T63 SDMC L 11	HSK-T 63	130	53	0	DC.. 11T3	422.32	511

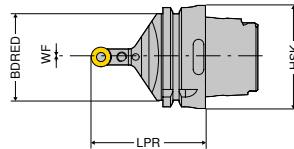
Spare parts

for Article no.

74 546 511

2A/28		2A/28		2A/28		2A/28	
							
Combination Key		Clamping screw		Solid Carbide Seat D		Threaded sleeve	
Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...	
£		£		£		£	
7.53 398		2.85 113		6.81 106		4.22 171	

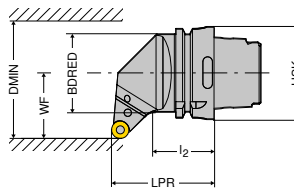
MaxiLock-N – PRDC 0° – Toolholder with lever clamping



ISO designation	Adapter	LPR	BDRED	WF	Insert	Neutral 2D/80	
						Article no. 74 548 ...	
		mm	mm	mm		£	
HSK T63 PRDC N 12	HSK-T 63	70	53	0	RC.. 1204 M0	312.25	512
HSK T100 PRDC N 12	HSK-T 100	80	88	0	RC.. 1204 M0	355.98	712
HSK T100 PRDC N 16	HSK-T 100	80	88	0	RC.. 1606 M0	355.98	716

			2A/28  Key I		2A/28  Shim		2A/28  Assembly pin		2A/28  Lever		2A/28  Clamping screw		2A/28  Solid carbide support R	
Spare parts			Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...	
for Article no.			£		£		£		£		£		£	
74 548 512			2.23	175	1.60	197	1.11	191	14.11	178	2.90	208	6.45	215
74 548 712			2.23	175	1.60	197	1.11	191	14.11	178	2.90	208	6.45	215
74 548 716			2.23	176	1.25	196	1.11	192	14.60	387	3.18	390	11.45	384

MaxiLock-N – PRSC – Toolholder with lever clamping

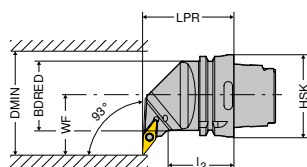


Illustrations show right-hand versions

ISO designation	Adapter	LPR	I ₂	BDRED	WF	DMIN	Insert	Left-hand 2D/80		Right-hand 2D/80	
								Article no. 74 552 ...		Article no. 74 551 ...	
		mm	mm	mm	mm	mm		£		£	
HSK T63 PRSC R/L 12	HSK-T 63	70	44	53	45	100	RC.. 1204 M0	312.25	512	312.25	512
HSK T100 PRSC R/L 12	HSK-T 100	80	57	88	55	106	RC.. 1204 M0	355.98	712	355.98	712
HSK T100 PRSC R/L 16	HSK-T 100	80	55	88	55	125	RC.. 1606 M0	355.98	716	355.98	716

			2A/28  Key I		2A/28  Shim		2A/28  Assembly pin		2A/28  Lever		2A/28  Clamping screw		2A/28  Solid carbide support R		
Spare parts			Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		
for Article no.			£		£		£		£		£		£		
74 552 512 / 74 551 512			SW2,5	2.23	175	1.60	197	1.11	191	14.11	178	2.90	208	6.45	215
74 552 712 / 74 551 712			SW2,5	2.23	175	1.60	197	1.11	191	14.11	178	2.90	208	6.45	215
74 552 716 / 74 551 716			SW03	2.23	176	1.25	196	1.11	192	14.60	387	3.18	390	11.45	384

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



Illustrations show right-hand versions

ISO designation	Adapter	LPR	I ₂	BDRED	WF	DMIN	Insert	Left-hand 2D/80		Right-hand 2D/80	
								Article no. 74 557 ...	Article no. 74 558 ...	Article no. 74 557 ...	Article no. 74 558 ...
HSK T63 SVUC R/L 16	HSK-T 63	70	42	53	45	100	VC.. 1604	£ 371.00	516	£ 371.00	516

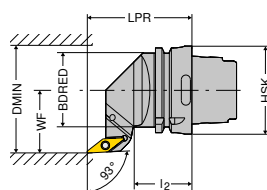
Spare parts

for Article no.

74 557 516 / 74 558 516

2A/28	Article no. 70 950 ...	£	398	M3,5x11	Article no. 70 950 ...	£	113	M3,5	Article no. 70 950 ...	£	171
Combination Key											
Clamping screw											
Solid Carbide Seat V											
Threaded sleeve											

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



Illustrations show right-hand versions

ISO designation	Adapter	LPR	I ₂	BDRED	WF	DMIN	Insert	Left-hand 2D/80		Right-hand 2D/80	
								Article no. 74 556 ...	Article no. 74 555 ...	Article no. 74 556 ...	Article no. 74 555 ...
HSK T63 SVJC R/L 16	HSK-T 63	75	42	53	45	100	VC.. 1604	£ 371.00	516	£ 371.00	516

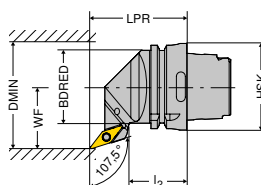
Spare parts

for Article no.

74 556 516 / 74 555 516

2A/28	Article no. 70 950 ...	£	398	M3,5x11	Article no. 70 950 ...	£	113	M3,5	Article no. 70 950 ...	£	171
Combination Key											
Clamping screw											
Solid Carbide Seat V											
Threaded sleeve											

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



Illustrations show right-hand versions

ISO designation	Adapter	LPR	I ₂	BDRED	WF	DMIN	Insert	Left-hand 2D/80		Right-hand 2D/80	
								Article no. 74 554 ...	£	Article no. 74 553 ...	£
HSK T63 SVHC R/L 16	HSK-T 63	70	42	53	45	100	VC.. 1604	371.00	516	371.00	516

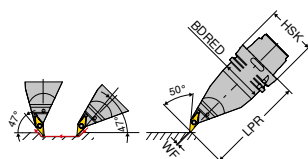
Spare parts

for Article no.

74 554 516 / 74 553 516

2A/28		2A/28		2A/28		2A/28	
							
Combination Key		Clamping screw		Solid Carbide Seat V		Threaded sleeve	
Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...	
£		£		£		£	
7.53 398		2.85 113		9.15 107		4.22 171	

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



ISO designation	Adapter	LPR	BDRED	WF	Insert	Left-hand 2D/80	
						Article no. 74 560 ...	£
HSK T63 SVMC L 16	HSK-T 63	130	53	0	VC.. 1604	497.82	516

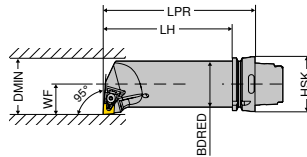
Spare parts

for Article no.

74 560 516

2A/28		2A/28		2A/28		2A/28	
							
Combination Key		Clamping screw		Solid Carbide Seat V		Threaded sleeve	
Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...	
£		£		£		£	
7.53 398		2.85 113		9.15 107		4.22 171	

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



Illustrations show right-hand versions

ISO designation	Adapter	LPR	LH	BDRED	WF	DMIN	Insert	Left-hand 2D/80		Right-hand 2D/80	
								Article no. 74 529 ...	Article no. 74 528 ...	Article no. 74 529 ...	Article no. 74 528 ...
HSK T63 50Q DCLN R/L 12	HSK-T 63	175	149	50	35	63	CN.. 1204	£ 428.34	512	£ 428.34	512

Spare parts

for Article no.

74 529 512 / 74 528 512

2A/28



XPress type

Article no.
70 950 ...

£ 21.61 824

Y7



Key D

Article no.
80 950 ...

£ 15.77 128

2A/28



Clamping screw

Article no.
70 950 ...

£ 2.71 820

2A/28

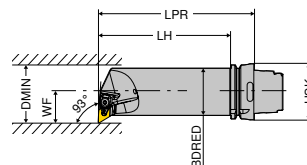


Carbide type C

Article no.
70 950 ...

£ 7.17 810

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



Illustrations show right-hand versions

ISO designation	Adapter	LPR	LH	BDRED	WF	DMIN	Insert	Left-hand 2D/80		Right-hand 2D/80	
								Article no. 74 533 ...	Article no. 74 532 ...	Article no. 74 533 ...	Article no. 74 532 ...
HSK T63 50Q DDUN R/L 15	HSK-T 63	175	149	50	35	63	DN.. 1506	£ 428.34	515	£ 428.34	515

Spare parts

for Article no.

74 533 515 / 74 532 515

2A/28



XPress type

Article no.
70 950 ...

£ 21.61 824

Y7

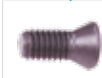


Key D

Article no.
80 950 ...

£ 15.77 128

2A/28



Clamping screw

Article no.
70 950 ...

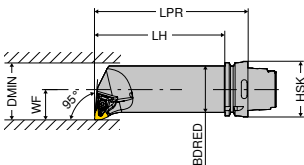
£ 2.71 820

2A/28

Solid Carbide
Seat DArticle no.
70 950 ...

£ 7.17 811

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



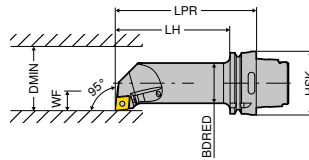
Illustrations show right-hand versions

ISO designation	Adapter	LPR	LH	BDRED	WF	DMIN	Insert	Left-hand		Right-hand	
								2D/80		2D/80	
		mm	mm	mm	mm	mm		Article no.		Article no.	
								74 537 ...		74 536 ...	
								£		£	
HSK T63 50Q DWLN R/L 08	HSK-T 63	175	149	50	35	63	WN.. 0804	428.34	508	428.34	508

Spare parts

	2A/28		Y7		2A/28		2A/28		
									
	XPress type		Key D		Clamping screw		Solid Carbide Seat W		
Spare parts	Article no.		Article no.		Article no.		Article no.		
	70 950 ...		80 950 ...		70 950 ...		70 950 ...		
	£		£		£		£		
	21.61 824		15.77 128		2.71 820		9.03 812		
for Article no.		T15 - IP		M4,5x12 - IP					
74 537 508 / 74 536 508									

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



Illustrations show right-hand versions

ISO designation	Adapter	LPR	LH	BDRED	WF	DMIN	Insert	Left-hand 2D/80		Right-hand 2D/80	
								Article no. 74 564 ...	Article no. 74 563 ...	Article no. 74 564 ...	Article no. 74 563 ...
HSK T63 40L SCLC R/L 12	HSK-T 63	140	114	40	27	50	CC.. 1204	£ 425.32	£ 425.32	512	512

Spare parts

for Article no.

74 564 512 / 74 563 512	T15/SW	Article no. 70 950 ...	Article no. 70 950 ...	Article no. 70 950 ...	Article no. 70 950 ...
		£ 7.53 398	£ 2.34 114	£ 11.25 166	£ 4.22 170

2A/28



Combination Key

2A/28



Clamping screw

2A/28



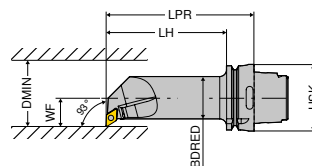
Carbide type C

2A/28



Threaded sleeve

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



Illustrations show right-hand versions

ISO designation	Adapter	LPR	LH	BDRED	WF	DMIN	Insert	Left-hand 2D/80		Right-hand 2D/80	
								Article no. 74 566 ...	Article no. 74 565 ...	Article no. 74 566 ...	Article no. 74 565 ...
HSK T63 40L SDUC R/L 11	HSK-T 63	140	114	40	27	50	DC.. 11T3	£ 425.32	£ 425.32	511	511

Spare parts

for Article no.

74 566 511 / 74 565 511	T15/SW	Article no. 70 950 ...	Article no. 70 950 ...	Article no. 70 950 ...	Article no. 70 950 ...
		£ 7.53 398	£ 2.85 113	£ 6.81 106	£ 4.22 171

2A/28



Combination Key

2A/28



Clamping screw

2A/28

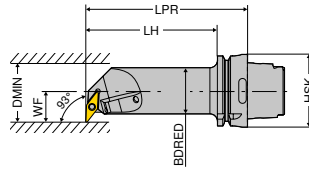
Solid Carbide
Seat D

2A/28



Threaded sleeve

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



Illustrations show right-hand versions

ISO designation	Adapter	LPR	LH	BDRED	WF	DMIN	Insert	Left-hand 2D/80		Right-hand 2D/80	
								Article no. 74 568 ...	Article no. 74 567 ...	Article no. 74 568 ...	Article no. 74 567 ...
HSK T63 40L SVUC R/L 16	HSK-T 63	140	114	40	27	50	VC.. 1604	£ 494.67	516	£ 494.67	516

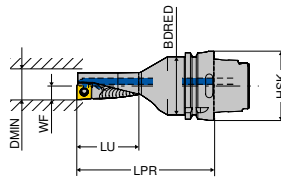
Spare parts

for Article no.

74 568 516 / 74 567 516

2A/28		2A/28		2A/28		2A/28	
							
Combination Key		Clamping screw		Solid Carbide Seat V		Threaded sleeve	
Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...	
£ 7.53		£ 2.85		£ 9.15		£ 4.22	
398		113		107		171	
T15/SW		M3,5x11		M3,5			

EcoCut – HSK-T 2.25xD



Illustrations show right-hand versions

ISO designation	Adapter	LPR	LU	BDRED	WF	DMIN	Left-hand 2D/80		Right-hand 2D/80	
							Article no. 74 591 ...	Article no. 74 590 ...	Article no. 74 591 ...	Article no. 74 590 ...
HSK T63 EC 25 R/L 2,25D 13	HSK-T 63	125	56.5	53	12.5	25	£ 437.47	525	£ 437.47	525
HSK T63 EC 32 R/L 2,25D 17	HSK-T 63	125	72.0	53	16.0	32	£ 437.47	532	£ 437.47	532

Spare parts

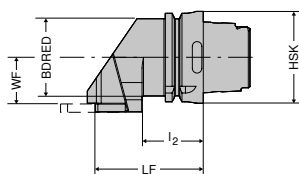
for Article no.

74 590 525 / 74 591 525

74 590 532 / 74 591 532

Y7		2A	
			
Key D		Clamping screw	
Article no. 80 950 ...		Article no. 70 950 ...	
£ 13.11		£ 2.29	
114		280	
13.11		2.29	

ModularClamp MSS – HSK - T Base Holder 0°



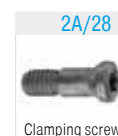
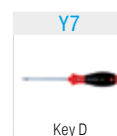
Illustrations show right-hand versions

ISO designation	Adapter	LF mm	I ₂ mm	BDRED mm	WF mm	for Grooving Module	Left-hand 2D/80		Right-hand 2D/80	
							Article no. 74 581 ...	£	Article no. 74 580 ...	£
HSK T63 E25 R/L 00	HSK-T 63	67	42	53	38.7	E25 R/L...	479.65	525	479.65	525
HSK T63 E32 R/L 00	HSK-T 63	74	42	53	38.7	E32 R/L...	479.65	532	479.65	532
HSK T100 E32 R/L 00	HSK-T 100	77	45	88	48.7	E32 R/L...	547.55	732	547.55	732
HSK T100 E25 R/L 00	HSK-T 100	100	45	88	48.7	E25 R/L...	547.55	725	547.55	725

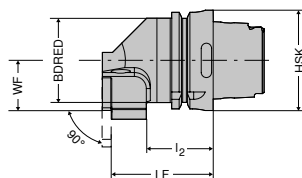
Spare parts

for Article no.

SD 12 x 8		23.36	850	T20	13.11	114	M5x18	5.20	404
74 581 525 / 74 580 525	SD 12 x 8	23.36	850	T25	13.49	115	M6x20	3.85	405
74 581 532 / 74 580 532	SD 12 x 8	23.36	850	T25	13.49	115	M6x20	3.85	405
74 581 732 / 74 580 732	SD 12 x 8	23.36	850	T20	13.11	114	M5x18	5.20	404
74 581 725 / 74 580 725	SD 12 x 8	23.36	850	T20	13.11	114	M5x18	5.20	404



ModularClamp MSS – 90° HSK - T Base Holder



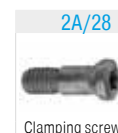
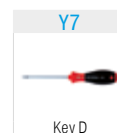
Illustrations show right-hand versions

ISO designation	Adapter	LF mm	I ₂ mm	BDRED mm	WF mm	for Grooving Module	Left-hand 2D/80		Right-hand 2D/80	
							Article no. 74 583 ...	£	Article no. 74 582 ...	£
HSK T63 E32 R/L 90	HSK-T 63	63.7	42	53	31.5	E32 R/L...	479.65	532	479.65	532
HSK T100 E32 R/L 90	HSK-T 100	73.7	45	88	50.0	E32 R/L...	547.55	732	547.55	732

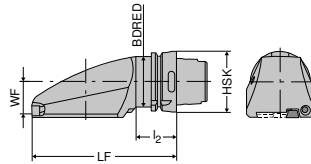
Spare parts

for Article no.

		2D/81		Y7		2A/28			
		Article no. 70 950 ...		Article no. 80 950 ...		Article no. 70 950 ...			
		£		£		£			
74 582 532 / 74 583 532	SD 12 x 8	23.36	850	T25	13.49	115	M6x20	3.85	405
74 582 732 / 74 583 732	SD 12 x 8	23.36	850	T25	13.49	115	M6x20	3.85	405



MonoClamp – HSK-T Blade Holder GX/LX/FX/SX



Illustrations show right-hand versions

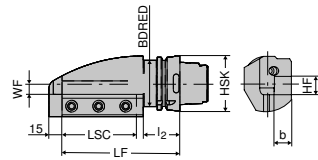
ISO designation	Adapter	LF mm	I ₂ mm	BDRED mm	WF mm	for parting blades	Left-hand 2D/80		Right-hand 2D/80	
							Article no. 74 585 ...		Article no. 74 584 ...	
HSK T63 XCLCF 32 R/L 00	HSK-T 63	150	42	53	32	XLCF R/L 32...	£ 601.90	532	£ 601.90	532
HSK T100 XCLCF 32 R/L 00	HSK-T 100	160	45	88	45	XLCF R/L 32...	£ 704.84	732	£ 704.84	732

Spare parts

for Article no.

		2D/81 Nozzle		Y7 Key D		2A/28 Clamping wedge		2A/28 clamping screw	
		Article no. 70 950 ...		Article no. 80 950 ...		Article no. 70 950 ...		Article no. 70 950 ...	
74 584 532 / 74 585 532	SD 10 x 7	£ 23.36	849	T25	£ 13.49 115	£ 56.43 860	M6x12	£ 2.02	861
74 584 732 / 74 585 732	SD 10 x 7	£ 23.36	849	T25	£ 13.49 115	£ 56.43 860	M6x12	£ 2.02	861

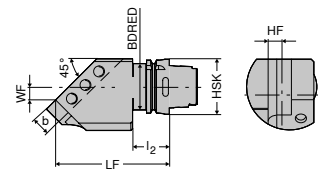
HSK-T square shank adapter 0°



Illustrations show right-hand versions

Illustrations show right-hand versions									Left-hand		Right-hand	
ISO designation	Adapter	LF	l ₂ mm	BDRED mm	WF mm	LSC mm	b mm	HF mm	2D/80		2D/80	
									Article no.		Article no.	
									74 571 ...		74 570 ...	
									£		£	
HSK T63 SH R/L 00 2525	HSK-T 63	135	42	53	13	85.5	25	25	422.32	525	422.32	532
HSK T100 SH R/L 00 3232	HSK-T 100	145	45	88	15	87.5	32	32	555.01	725	555.01	732

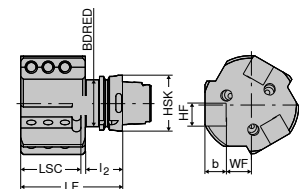
HSK-T square shank adapter 45°



Illustrations show right-hand versions

Illustrations show right-hand versions								Left-hand		Right-hand	
ISO designation	Adapter	LF	l ₂	BDRED	WF	b	HF	2D/80		2D/80	
								Article no.		Article no.	
								74 573 ...		74 572 ...	
		mm	mm	mm	mm	mm	mm	£		£	
HSK T63 SH R/L 45 2525	HSK-T 63	140	42	53	15	25	25	454.07	525	454.07	525
HSK T100 SH R/L 45 3232	HSK-T 100	160	45	88	20	32	32	582.16	732	582.16	732

HSK-T square shank adapter 3-face 0°



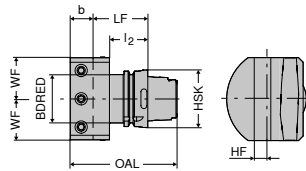
									Left-hand
ISO designation	Adapter	LF	l ₂ mm	BDRED mm	WF mm	LSC mm	b mm	HF mm	2D/80
									Article no.
									74 576 ...
HSK T63 SH3 L 00 2525	HSK-T 63	115	42	53	28	68	25	25	£
HSK T100 SH3 L 00 2525	HSK-T 100	120	45	88	33	70	25	25	736.27
									1.043,65
									525
									725

Spare parts

Adapter		Article no. 70 950 ... £	Article no. 70 950 ... £
HSK-T 100	SD 12 x 8	23.36 850	M12x1,75x25 2.03 851
HSK-T 63	SD 12 x 8	23.36 850	M12x1,75x25 2.03 851



HSK-T square shank adapter 90°



ISO designation	Adapter	LF	l ₂	BDRED	WF	OAL	HF	b	Neutral	
									2D/80	Article no.
		mm	mm	mm	mm	mm	mm	mm		74 575 ...
HSK T63 SH N 90 2525	HSK-T 63	60	42	53	45	85	25	25	£	525
HSK T100 SH N 90 3232	HSK-T 100	58	45	88	50	90	32	32	431.33	582.16

Spare parts

for Article no.

			Article no.		Article no.
			70 950 ...		70 950 ...
			£		£
74 575 525	SD 10 x 7	23.36	849	M12x1,75x25	2.03 851
74 575 732	SD 12 x 8	23.36	850	M12x1,75x25	2.03 851

2D/81



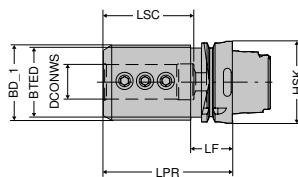
Nozzle

2D/81



Grubscrew

HSK-T Boring bar holder



ISO designation	Adapter	LPR	DCONWS	BD_1	LSC	LF	BTED	2D/80	
								Article no.	Article no.
		mm	mm	mm	mm	mm	mm	74 577 ...	74 577 ...
								£	£
HSK T63 BH08 80	HSK-T 63	80	8	32	41			313.68	508
HSK T63 BH10 80	HSK-T 63	80	10	40	41			313.68	510
HSK T63 BH12 80	HSK-T 63	80	12	40	41			313.68	512
HSK T63 BH16 80	HSK-T 63	80	16	40	51			313.68	516
HSK T63 BH20 80	HSK-T 63	80	20	50	51			313.68	520
HSK T63 BH25 90	HSK-T 63	90	25	53	61			313.68	525
HSK T63 BH32 95	HSK-T 63	95	32	68	61	42	53	313.68	532
HSK T100 BH20 90	HSK-T 100	90	20	55	56			399.72	720
HSK T100 BH25 95	HSK-T 100	95	25	55	61			399.72	725
HSK T100 BH32 110	HSK-T 100	110	32	68	61			399.72	732
HSK T100 BH40 120	HSK-T 100	120	40	83	81			399.72	740
HSK T100 BH50 125	HSK-T 100	125	50	98	91	45	88	399.72	750

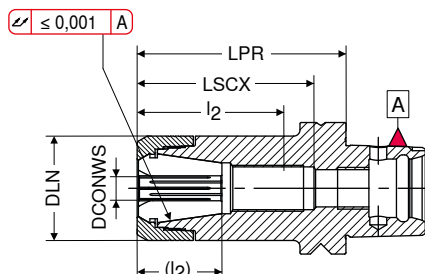
ER Precision Collet chuck

- ▲ For standard or sealed nuts
- ▲ Maximum size collet to ISO tolerance field H10
- ▲ For clamping a roll key is required
- ▲ $p_{\max} = 80$ bar

Scope of supply:

Holder **without** nut, **without** backstop

Centro-P



AD
G 2,5 $n_{\max}$ 25000
Y8

Adapter	DCONWS	LPR	DLN	LSCX	l_2 (l_2)	for collet	Article no.	£	
	mm	mm	mm	mm	mm		84 112 ...		
PSC 40	1 - 10	55	30	47	29 - 38	426E (ER16)	407.23		402
PSC 40	1 - 13	55	32	44		428E (ER20)	407.23		406
PSC 50	1 - 10	60	30	47	29 - 38	426E (ER16)	407.23		501
PSC 50	1 - 10	100	30	87	29 - 51 (29 - 37)	426E (ER16)	435.79		502
PSC 50	1 - 16	60	40	48		430E (ER25)	407.23		505
PSC 50	2 - 20	60	50	49		470E (ER32)	407.23		507
PSC 63	1 - 10	60	30	44		426E (ER16)	390.07		601
PSC 63	1 - 10	100	30	83	29 - 53 (25 - 39)	426E (ER16)	418.65		602
PSC 63	1 - 13	60	32	44		428E (ER20)	437.65		603
PSC 63	1 - 13	100	32	84	33 - 59	428E (ER20)	466.11		604
PSC 63	1 - 16	60	40	38		430E (ER25)	390.07		605
PSC 63	1 - 16	100	40	78	36 - 62 (30 - 45)	430E (ER25)	418.65		606
PSC 63	1 - 16	130	40	99	34 - 70 (30 - 50)	430E (ER25)	456.66		607
PSC 63	1 - 16	160	40	118	34 - 70 (30 - 50)	430E (ER25)	532.80		608
PSC 63	2 - 20	60	50	42		470E (ER32)	390.07		609
PSC 63	2 - 20	100	50	79	45 - 63 (25 - 45)	470E (ER32)	418.65		610
PSC 63	2 - 20	130	50	99	45 - 63 (25 - 53)	470E (ER32)	456.66		611
PSC 63	3 - 26	65	63	51		472E (ER40)	437.65		612
PSC 63	3 - 26	100	63	86	46 - 50	472E (ER40)	466.11		613
PSC 80	2 - 20	100	50	86	41 - 63 (27 - 45)	470E (ER32)	551.82		804
PSC 80	3 - 26	100	63	86	47 - 55	472E (ER40)	551.82		808

→ Transmittable torque moments, Page 233

- i** LSCX = Clamping depth without back stop screw for shanks
 l_2 = With back stop screw 1, Dimension in brackets () = With back stop screw 2
 Dimension LPR when using tightening nuts with seals 4 mm longer

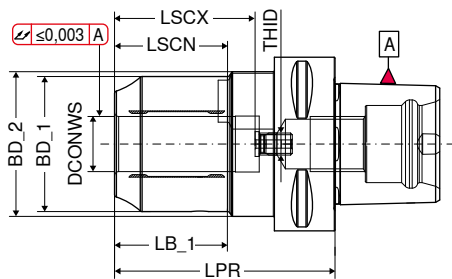
Spare parts	Y8		Y8		Y8		Y8	
	Article no.	£	Article no.	£	Article no.	£	Article no.	£
for collet	84 950 ...		84 950 ...		83 950 ...		83 950 ...	
426E (ER16)	72.78 011		54.05 001		M11x1 - SW6	45.14 341	M11x1 - SW6	30.24 337
428E (ER20)	64.72 012		55.17 002		M14x1 - SW6		M14x1 - SW6	18.08 369
430E (ER25)	81.12 013		60.06 003		M18x1,5 - SW6	31.75 432	M18x1,5 - SW6	22.65 431
470E (ER32)	86.74 015		66.06 005		M22x1,5 - SW6	26.82 402	M22x1,5 - SW6	19.53 401
472E (ER40)	118.63 017		96.10 007				M28x1,5 - SW6	27.38 400

High pressure chuck, short and stable version

▲ For solid carbide and HSS shanks with h6 tolerance or better

Scope of supply:

Base body with backstop screw and pressure screw



AD
G 2,5 n_{max} 25000

Y8

Article no.
84 108 ...

£
684.95 62000

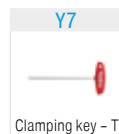
Adapter	DCONWS	LPR	LB_1	BD_1	BD_2	LSCX	LSCN	THID
	mm	mm	mm	mm	mm	mm	mm	
PSC 63	20	80	41	49	52.5	51	41	M8x1

→ Min. clamping depth, Page 233

i LSCX = Maximum insertion depth
LSCN = Minimum insertion depth



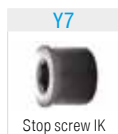
Cylindrical screw



Clamping key - T



Pressure screw



Stop screw IK

Spare parts

for Article no.
84 108 62000

Article no.	Article no.	Article no.	Article no.
83 950 ...	80 397 ...	83 950 ...	83 950 ...
£	£	£	£
2.89 157	6.09 050	8.65 429	21.78 424

Accessories



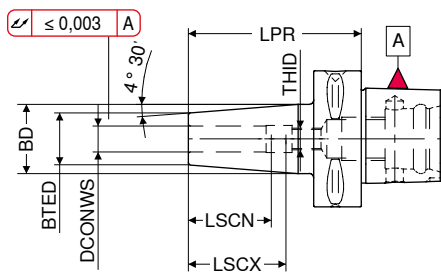
Reduction sleeve	Coolant transfer pipe	Others
→ 17 32	→ 173	→ 17 34

Shrink adapters

▲ For solid carbide and HSS shanks with h6 tolerance or better

Scope of supply:

Holder **without** IK back stop screw



AD
G 6,3 n_{max} 15000



AD
G 6,3 n_{max} 15000



AD
G 6,3 n_{max} 15000

	Adapter	LPR	DCONWS	BTED	BD	LSCX	LSCN	THID	AD G 6,3 n _{max} 15000		AD G 6,3 n _{max} 15000		AD G 6,3 n _{max} 15000	
									Y8	Article no.	Y8	Article no.	Y8	Article no.
		mm	mm	mm	mm	mm	mm		£	84 104 ...	£	84 105 ...	£	84 106 ...
short	PSC 32	65	6	21	27	36	26	M5	250.48	306				
	PSC 32	65	8	21	27	36	26	M6	250.48	308				
	PSC 32	70	10	24	32	41	31	M8x1	250.48	310				
	PSC 32	75	12	24	32	47	37	M10x1	250.48	312				
	PSC 40	75	6	21	27	36	26	M5	255.26	406				
	PSC 40	75	8	21	27	36	26	M6	255.26	408				
	PSC 40	75	10	24	32	41	31	M8x1	255.26	410				
	PSC 40	75	12	24	32	47	37	M10x1	255.26	412				
	PSC 40	80	14	27	34	47	37	M10x1	255.26	414				
	PSC 40	80	16	27	34	50	40	M12x1	255.26	416				
	PSC 40	80	18	33	42	50	40	M12x1	255.26	418				
	PSC 40	85	20	33	42	52	42	M16x1	255.26	420				
	PSC 50	65	3	12	17				316.37	503				
	PSC 50	65	4	12	17				316.37	504				
	PSC 50	65	5	12	17				316.37	505				
	PSC 50	75	6	21	30	36	26	M5	262.62	506				
	PSC 50	75	8	21	30	36	26	M6	262.62	508				
	PSC 50	75	10	24	33	41	31	M8x1	262.62	510				
	PSC 50	75	12	24	33	47	37	M10x1	262.62	512				
	PSC 50	80	14	27	34	47	37	M10x1	262.62	514				
	PSC 50	80	16	27	34	50	40	M12x1	262.62	516				
	PSC 50	80	18	33	42	50	40	M12x1	262.62	518				
	PSC 50	85	20	33	42	52	42	M16x1	262.62	520				
	PSC 50	90	25	44	53	58	48	M16x1	262.62	525				
long	PSC 50	120	6	21	32	36	26	M5			316.37	506		
	PSC 50	120	8	21	32	36	26	M6			316.37	508		
	PSC 50	120	10	24	34	41	31	M8x1			316.37	510		
	PSC 50	120	12	24	34	47	37	M10x1			316.37	512		
	PSC 50	120	14	27	36	47	37	M10x1			316.37	514		
	PSC 50	120	16	27	36	50	40	M12x1			316.37	516		
	PSC 50	120	18	33	42	50	40	M12x1			316.37	518		
	PSC 50	120	20	33	42	52	42	M16x1			316.37	520		
	PSC 50	120	25	44	53	58	48	M16x1			316.37	525		
short	PSC 63	80	3	12	17				389.73	603				
	PSC 63	80	4	12	17				389.73	604				
	PSC 63	80	5	12	17				389.73	605				
	PSC 63	80	6	21	27	36	26	M5	328.63	606				
	PSC 63	80	8	21	27	36	26	M6	328.63	608				
	PSC 63	80	10	24	32	41	31	M8x1	328.63	610				
	PSC 63	80	12	24	32	47	37	M10x1	328.63	612				
	PSC 63	85	14	27	34	47	37	M10x1	328.63	614				
	PSC 63	85	16	27	34	50	40	M12x1	328.63	616				
	PSC 63	85	18	33	42	50	40	M12x1	328.63	618				
	PSC 63	85	20	33	42	52	42	M16x1	328.63	620				
	PSC 63	90	25	44	53	58	48	M16x1	328.63	625				
	PSC 63	95	32	44	53	61	51	M16x1	328.63	632				
long	PSC 63	120	6	21	32	36	26	M5			389.73	606		
	PSC 63	120	8	21	32	36	26	M6			389.73	608		
	PSC 63	120	10	24	32	41	31	M8x1			389.73	610		
	PSC 63	120	12	24	32	47	37	M10x1			389.73	612		
	PSC 63	120	14	27	36	47	37	M10x1			389.73	614		
	PSC 63	120	16	27	36	50	40	M12x1			389.73	616		
	PSC 63	120	18	33	44	50	40	M12x1			389.73	618		
	PSC 63	120	20	33	44	52	42	M16x1			389.73	620		
	PSC 63	120	25	44	53	58	48	M16x1			389.73	625		
	PSC 63	120	32	44	53	61	51	M16x1			389.73	632		

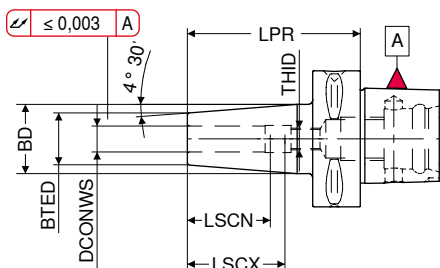
→ Min. clamping depth, Page 233

Shrink adapters

▲ For solid carbide and HSS shanks with h6 tolerance or better

Scope of supply:

Holder **without** IK back stop screw



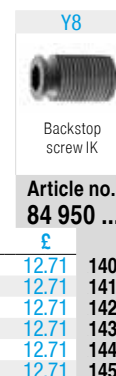
	Adapter	LPR	DCONWS	BTED	BD	LSCX	LSCN	THID	AD		AD		AD	
									G 6,3 n _{max} 15000	Y8	G 6,3 n _{max} 15000	Y8	G 6,3 n _{max} 15000	Y8
		mm	mm	mm	mm	mm	mm		Article no.	£	Article no.	£	Article no.	£
extra-long	PSC 63	160	6	21	32	36	26	M5					426.34	606
	PSC 63	160	8	21	32	36	26	M6					426.34	608
	PSC 63	160	10	24	34	41	31	M8x1					426.34	610
	PSC 63	160	12	24	34	47	37	M10x1					426.34	612
	PSC 63	160	14	27	36	47	37	M10x1					426.34	614
	PSC 63	160	16	27	36	50	40	M12x1					426.34	616
	PSC 63	160	18	33	44	50	40	M12x1					426.34	618
	PSC 63	160	20	33	44	52	42	M16x1					426.34	620
	PSC 63	160	25	44	53	58	48	M16x1					426.34	625
	PSC 63	160	32	44	53	61	51	M16x1					426.34	632
short	PSC 80	85	6	21	27	36	26	M5	353.11	806				
	PSC 80	85	8	21	27	36	26	M6	353.11	808				
	PSC 80	85	10	24	32	41	31	M8x1	353.11	810				
	PSC 80	85	12	24	32	47	37	M10x1	353.11	812				
	PSC 80	90	14	27	34	47	37	M10x1	353.11	814				
	PSC 80	90	16	27	34	50	40	M12x1	353.11	816				
	PSC 80	90	18	33	42	50	40	M12x1	353.11	818				
	PSC 80	90	20	33	42	52	42	M16x1	353.11	820				
	PSC 80	95	25	44	53	58	48	M16x1	353.11	825				
	PSC 80	100	32	44	53	61	51	M16x1	353.11	832				
long	PSC 80	120	6	21	32	36	26	M5			421.44	806		
	PSC 80	120	8	21	32	36	26	M6			421.44	808		
	PSC 80	120	10	24	34	41	31	M8x1			421.44	810		
	PSC 80	120	12	24	34	47	37	M10x1			421.44	812		
	PSC 80	120	14	27	36	47	37	M10x1			421.44	814		
	PSC 80	120	16	27	36	50	40	M12x1			421.44	816		
	PSC 80	120	18	33	44	50	40	M12x1			421.44	818		
	PSC 80	120	20	33	44	52	42	M16x1			421.44	820		
	PSC 80	120	25	44	53	58	48	M16x1			421.44	825		
	PSC 80	120	32	44	53	61	51	M16x1			421.44	832		

→ Min. clamping depth, Page 233

Spare parts

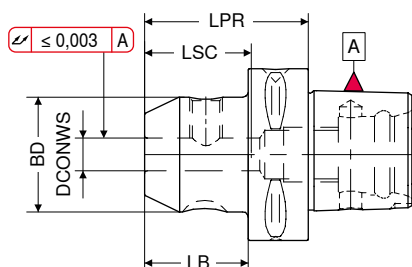
DCONWS

	Article no.	£	
6	84 950 ...	12.71	140
8		12.71	141
10		12.71	142
12 - 14		12.71	143
16 - 18		12.71	144
20 - 32		12.71	145



Cylindrical shank adapter (Weldon)

▲ For shanks according to DIN 6535 HB / 1835 B with lateral clamping flat



AD

G 6,3 n_{max} 15000

Y8

Article no.

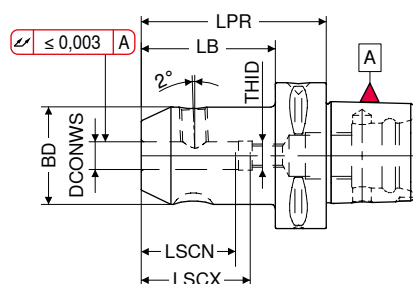
84 100 ...

£

Adapter	DCONWS	LPR	BD	LB	LSC		
	mm	mm	mm	mm	mm		
PSC 32	6	45	25	30	35	206.41	306
PSC 32	8	45	28	30	35	206.41	308
PSC 32	10	50	35	35	39	206.41	310
PSC 32	12	55	42	40	44	206.41	312
PSC 40	6	50	25	30	35	226.00	406
PSC 40	8	50	28	30	35	226.00	408
PSC 40	10	50	35	30	39	226.00	410
PSC 40	12	55	42	35	44	226.00	412
PSC 40	14	55	44	35	44	226.00	414
PSC 40	16	55	48	35	47	226.00	416
PSC 50	6	50	25	30	35	230.90	506
PSC 50	8	50	28	30	35	230.90	508
PSC 50	10	55	35	35	39	230.90	510
PSC 50	12	60	42	40	44	230.90	512
PSC 50	14	60	44	40	44	230.90	514
PSC 50	16	60	48	40	47	230.90	516
PSC 50	18	60	50	40	47	230.90	518
PSC 50	20	60	52	40	47	230.90	520
PSC 50	25	80	65	60	54	230.90	525
PSC 63	6	55	25	33	35	255.26	606
PSC 63	8	55	28	33	35	255.26	608
PSC 63	10	60	35	38	39	255.26	610
PSC 63	12	60	42	38	44	255.26	612
PSC 63	14	60	44	38	44	255.26	614
PSC 63	16	65	48	43	47	255.26	616
PSC 63	18	65	50	43	47	255.26	618
PSC 63	20	65	52	43	49	255.26	620
PSC 63	25	80	65	58	54	255.26	625
PSC 63	32	90	72	68	58	255.26	632
PSC 63	40	100	80	78	75	255.26	640
PSC 80	6	70	25	40	35	279.76	806
PSC 80	8	70	28	40	35	279.76	808
PSC 80	10	70	35	40	39	279.76	810
PSC 80	12	70	42	40	44	279.76	812
PSC 80	14	70	44	40	44	279.76	814
PSC 80	16	70	48	50	47	279.76	816
PSC 80	18	70	50	40	47	279.76	818
PSC 80	20	70	52	40	49	279.76	820
PSC 80	25	80	65	50	54	279.76	825
PSC 80	32	80	72	50	58	279.76	832
PSC 80	40	110	80	80	75	279.76	840
PSC 80	50	120	100	90	83	279.76	850

Cylindrical Shank Adapter (Whistle Notch)

▲ For shanks according to DIN 6535 HE / 1835 E with angled clamping flat



AD
G 6,3 n_{max} 15000
Y8

Adapter	DCONWS	LPR	BD	LB	LSCX	LSCN	THID	Article no.	
	mm	mm	mm	mm	mm	mm		84 102 ...	£
PSC 32	6	70	25	55	38	28	M5	206.41	306
PSC 32	8	70	28	55	38	28	M6	206.41	308
PSC 32	10	70	35	55	41	31	M8	206.41	310
PSC 32	12	75	42	60	47	37	M10	206.41	312
PSC 40	6	70	25	50	38	28	M5	226.00	406
PSC 40	8	70	28	50	38	28	M6	226.00	408
PSC 40	10	70	35	50	41	31	M8	226.00	410
PSC 40	12	75	42	55	47	37	M10	226.00	412
PSC 40	14	75	44	55	47	37	M10	226.00	414
PSC 50	6	70	25	50	38	28	M5	230.90	506
PSC 50	8	70	28	50	38	28	M6	230.90	508
PSC 50	10	70	35	50	41	31	M8	230.90	510
PSC 50	12	75	42	55	47	37	M10	230.90	512
PSC 50	14	75	44	55	47	37	M10	230.90	514
PSC 50	16	80	48	60	50	40	M12	230.90	516
PSC 50	18	80	50	60	50	40	M12	230.90	518
PSC 50	20	85	52	65	52	42	M16	230.90	520
PSC 63	6	75	25	53	38	28	M5	255.26	606
PSC 63	8	75	28	53	38	28	M6	255.26	608
PSC 63	10	75	35	53	41	31	M8	255.26	610
PSC 63	12	80	42	58	47	37	M10	255.26	612
PSC 63	14	80	44	58	47	37	M10	255.26	614
PSC 63	16	80	48	58	50	40	M12	255.26	616
PSC 63	18	80	50	58	50	40	M12	255.26	618
PSC 63	20	85	52	63	52	42	M16	255.26	620
PSC 63	25	90	65	68	58	48	M16	255.26	625
PSC 63	32	95	72	73	61	51	M16	255.26	632
PSC 80	6	65	25	35	38	28	M5	279.76	806
PSC 80	8	65	28	35	38	28	M6	279.76	808
PSC 80	10	65	35	35	41	31	M8	279.76	810
PSC 80	12	70	42	40	47	37	M10	279.76	812
PSC 80	14	70	44	40	47	37	M10	279.76	814
PSC 80	16	75	48	45	50	40	M12	279.76	816
PSC 80	18	75	50	45	50	40	M12	279.76	818
PSC 80	20	80	52	50	52	42	M16	279.76	820
PSC 80	25	90	65	60	58	48	M16	279.76	825
PSC 80	32	95	72	65	61	51	M16	279.76	832

Y8



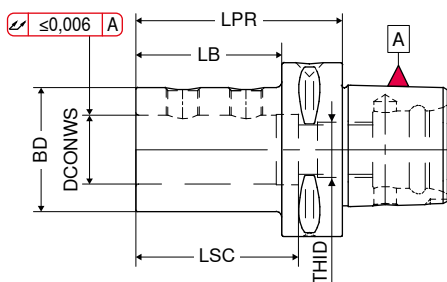
Backstop
screw IK

Spare parts DCONWS

		Article no.	
		84 950 ...	£
6	M5	12.71	146
8	M6	12.71	147
10	M8	12.71	148
12 - 14	M10	12.71	149
16 - 18	M12	12.71	150
20 - 32	M16	12.71	151

Indexable insert drill adapter ISO 26623-1 PSC

▲ Run out ≤ 0.005 mm



AD

Y8

Article no.
84 128 ...

£

Adapter	DCONWS	LPR	BD	LB	LSC	THID		
	mm	mm	mm	mm	mm			
PSC 32	16	60	36	45	49	M10x1	340.87	316
PSC 32	20	60	40	45	54	M10x1	340.87	320
PSC 40	16	60	36	40	49	M10x1	353.11	416
PSC 40	20	60	40	40	54	M10x1	353.11	420
PSC 40	25	80	45	50	59	M12x1	353.11	425
PSC 50	16	65	36	45	49	M10x1	377.49	516
PSC 50	20	65	40	45	54	M10x1	377.49	520
PSC 50	25	70	45	50	59	M12x1	377.49	525
PSC 50	32	75	52	55	63	M12x1	377.49	532
PSC 63	16	70	36	48	49	M10x1	377.49	616
PSC 63	20	70	40	48	54	M10x1	377.49	620
PSC 63	25	75	45	53	59	M12x1	377.49	625
PSC 63	32	75	52	53	63	M12x1	377.49	632
PSC 63	40	85	65	63	73	M16x1	377.49	640
PSC 63	50	115	75	93	83	M16x1	377.49	650
PSC 80	16	80	36	50	49	M10x1	450.84	816
PSC 80	20	80	40	50	54	M10x1	450.84	820
PSC 80	25	85	45	55	59	M12x1	450.84	825
PSC 80	32	90	52	60	63	M12x1	450.84	832
PSC 80	40	95	65	65	73	M16x1	450.84	840
PSC 80	50	100	75	70	83	M16x1	450.84	850

Y8



Grubscrew

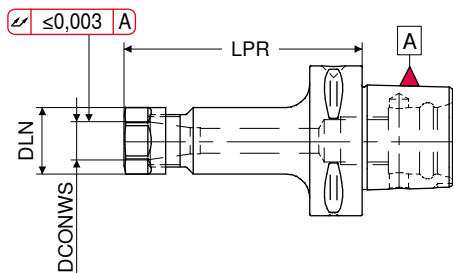
Spare parts
DCONWSArticle no.
83 950 ...

£

16 - 20	M10x1x10	6.79	180
25 - 32	M10x1x12	6.79	181
40 - 50	M16x1x13	6.06	182

ER Collet chuck

▲ Without an internal thread



AD
G 6,3 n_{max} 15000
Y8

Adapter	DCONWS	LPR	DLN	TQX	for collet	Article no.	
	mm	mm	mm	Nm		84 114 ...	£
PSC 32	1 - 10	45	28	8 - 56	426E (ER16)	182.04	304
PSC 40	1 - 10	55	28	8 - 56	426E (ER16)	194.29	404
PSC 50	1 - 10	60	28	8 - 56	426E (ER16)	206.41	504
PSC 50	1 - 10	100	28	8 - 56	426E (ER16)	243.14	506
PSC 63	1 - 10	60	28	8 - 56	426E (ER16)	206.41	604
PSC 63	1 - 10	100	28	8 - 56	426E (ER16)	243.14	606
PSC 80	1 - 10	60	28	8 - 56	426E (ER16)	230.90	804
PSC 80	1 - 10	100	28	8 - 56	426E (ER16)	267.51	806

W7



Lock nut

Spare parts

for collet

426E (ER16)	M22x1,5 - SW25	Article no. 62 950 ... £ 25.38	044
-------------	----------------	---	-----

Accessories

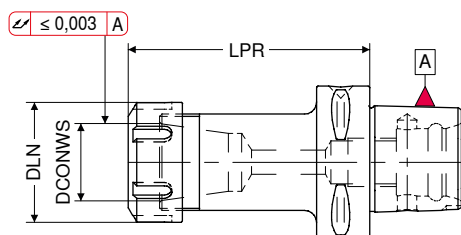


ER collet

→ 211, 213

ER Collet chuck

▲ Without an internal thread



AD
G 6,3 n_{max} 15000
Y8

Adapter	DCONWS	LPR	DLN	TQX	for collet	Article no. 84 115 ...	£
PSC 32	1 - 13	45	34	16 - 80	428E (ER20)	182.04	306
PSC 40	1 - 13	55	34	16 - 80	428E (ER20)	194.29	404
PSC 40	1 - 16	55	42	24 - 104	430E (ER25)	194.29	406
PSC 40	2 - 20	55	50	24 - 136	470E (ER32)	194.29	408
PSC 50	1 - 13	60	34	16 - 80	428E (ER20)	206.41	502
PSC 50	1 - 13	100	34	16 - 80	428E (ER20)	255.26	504
PSC 50	1 - 16	60	42	24 - 104	430E (ER25)	206.41	506
PSC 50	1 - 16	100	42	24 - 104	430E (ER25)	255.26	508
PSC 50	2 - 20	60	50	24 - 136	470E (ER32)	218.66	510
PSC 50	2 - 20	100	50	24 - 136	470E (ER32)	267.51	512
PSC 50	3 - 26	65	63	176	472E (ER40)	226.00	514
PSC 50	3 - 26	100	63	176	472E (ER40)	274.87	516
PSC 63	1 - 13	60	34	16 - 80	428E (ER20)	206.41	602
PSC 63	1 - 13	100	34	16 - 80	428E (ER20)	255.26	604
PSC 63	1 - 16	60	42	24 - 104	430E (ER25)	206.41	606
PSC 63	1 - 16	100	42	24 - 104	430E (ER25)	255.26	608
PSC 63	2 - 20	60	50	24 - 136	470E (ER32)	218.66	610
PSC 63	2 - 20	100	50	24 - 136	470E (ER32)	267.51	612
PSC 63	3 - 26	65	63	176	472E (ER40)	226.00	614
PSC 63	3 - 26	100	63	176	472E (ER40)	274.87	616
PSC 80	1 - 13	65	34	16 - 80	428E (ER20)	279.76	802
PSC 80	1 - 13	100	34	16 - 80	428E (ER20)	365.23	804
PSC 80	1 - 16	70	42	24 - 104	430E (ER25)	279.76	806
PSC 80	1 - 16	100	42	24 - 104	430E (ER25)	365.23	808
PSC 80	2 - 20	70	50	24 - 136	470E (ER32)	279.76	810
PSC 80	2 - 20	100	50	24 - 136	470E (ER32)	365.23	812
PSC 80	3 - 26	80	63	176	472E (ER40)	279.76	814
PSC 80	3 - 26	100	63	176	472E (ER40)	365.23	816

Spare parts

for collet

	Article no. 62 950 ...	£	Article no. 83 950 ...	£	Article no. 62 950 ...	£
428E (ER20)	M25x1,5 - SW30	20.47	045			
430E (ER25)			M32x1,5	76.11	055	21.03
470E (ER32)			M40x1,5	81.41	056	21.56
472E (ER40)			M50x1,5	97.97	057	22.33

Accessories

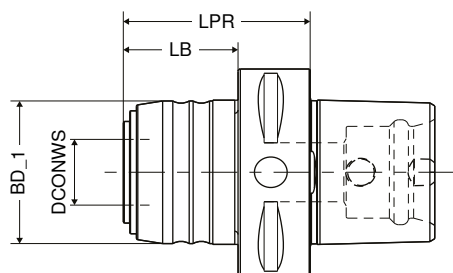


ER collet

→ 211, 213

Synchronised quick change tap chuck with minimal length compensation

- ▲ Length compensation under tension and compression (LZD)
- ▲ For collet types DIN 6499
- ▲ $p_{\max} = 50$ bar



AD

Y8

Article no.

84 140 ...

£

834.37

612

938.27

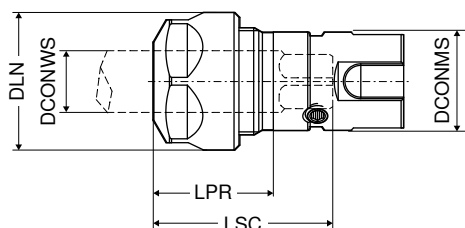
620

Adapter	cutting range	SZID	LPR	BD_1	DCONWS	LB	LZD±		
			mm	mm	mm	mm	mm		
PSC 63	M3 - M12	1	57	43	20	35	1,0 / 0,2		
PSC 63	M6 - M20	2	77	60	32	55	1,0 / 0,2		

Insert for synchro quick change tapping chuck with minimum length compensation

Scope of supply:

Includes lock nut



AD

Y8

Article no.

83 608 ...

£

185.88

012

216.51

020

SZID	DCONWS	cutting range	LPR	DLN	LSC	for collet	DCONMS		
	mm		mm	mm	mm		mm		
1	2 - 10	M3 - M12	24	28	42	426E (ER16)	20		
2	2 - 16	M6 - M20	28	42	59	430E (ER25)	32		

W7



Lock nut

Y8



Lock nut IK

W7



Lock nut

Y8



Y clamping key

Spare parts

for Article no.

		Article no.		Article no.		Article no.		Article no.
		62 950 ...		83 950 ...		62 950 ...		83 357 ...
		£		£		£		£
83 608 012	M22x1,5 - SW25	25.38	044	M22x1,5	65.34	054	M32x1,5	22.20
83 608 020				M32x1,5	76.11	055		22.20
								116
								125

Accessories

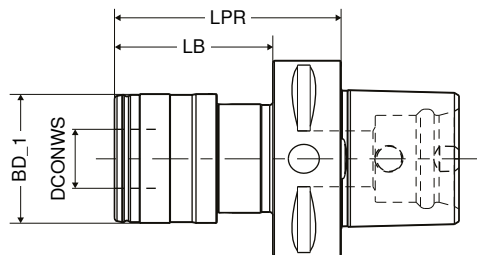


ER collet

→ 212, 214–215

Quick change tap chuck with length compensation

▲ Length compensation under tension and compression (LZD)



Adapter	cutting range	SZID	LPR	BD_1	DCONWS	LB	LZD±	Article no.	
			mm	mm	mm	mm	mm	£	
PSC 63	M3 - M12	01	73	41	19	51	7,5	865.86	612
PSC 63	M6 - M20	02	97	60	31	75	10	972.91	620

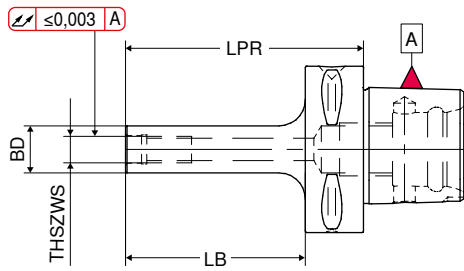
Accessories



Collet

→ 219-223

Adapter for screw-in milling cutter



AD
G 2,5 n_{max} 20000
Y8

Adapter	THSZWS	LPR	BD	LB		
		mm	mm	mm		
PSC 32	M8	60	13	45		
PSC 32	M10	70	18	55		
PSC 40	M8	70	13	50		
PSC 40	M10	80	18	60		
PSC 40	M12	80	21	60		
PSC 50	M8	70	13	50		
PSC 50	M10	80	18	60		
PSC 50	M12	80	21	60		
PSC 50	M16	80	29	60		
PSC 63	M8	70	13	48		
PSC 63	M10	90	18	68		
PSC 63	M12	100	21	78		
PSC 63	M16	100	29	78		

Article no.
84 110 ...

£

279.76 302

279.76 306

287.11 402

287.11 405

287.11 408

292.00 502

292.00 505

292.00 508

292.00 512

316.37 602

316.37 605

316.37 608

316.37 612

Accessories



Coolant transfer pipe

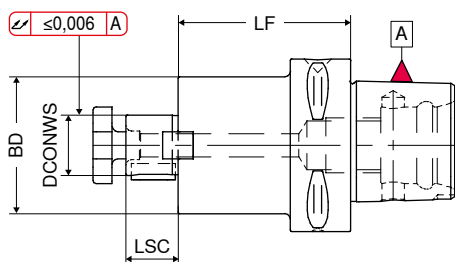
→ 173

Shell mill adapters

▲ For cutters with longitudinal or transverse groove

Scope of supply:

Holder with clamping screw and drive key



A

G 6,3 n_{max} 15000

Y8

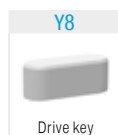
Article no.
84 122 ...

£

Adapter	DCONWS	LF	BD	LSC		
	mm	mm	mm	mm		
PSC 40	16	28	40	17	218.66	401
PSC 40	16	63	40	17	230.90	402
PSC 40	22	40	50	19	218.66	411
PSC 40	22	63	50	19	230.90	412
PSC 50	16	28	40	17	218.66	501
PSC 50	16	63	40	17	230.90	502
PSC 50	22	28	50	19	218.66	511
PSC 50	22	63	50	19	230.90	512
PSC 50	27	32	50	21	218.66	521
PSC 50	27	63	50	21	230.90	522
PSC 50	32	40	63	24	218.66	531
PSC 50	32	63	63	24	230.90	532
PSC 63	16	63	40	17	243.14	602
PSC 63	22	28	63	19	230.90	611
PSC 63	22	63	50	19	243.14	612
PSC 63	27	28	58	21	230.90	621
PSC 63	27	63	58	21	243.14	622
PSC 63	32	22	63	24	230.90	631
PSC 63	32	86	63	24	243.14	632
PSC 63	40	40	70	27	267.51	641
PSC 80	16	63	40	17	287.11	802
PSC 80	22	30	50	19	276.15	811
PSC 80	22	63	50	19	287.11	812
PSC 80	27	30	58	21	276.15	821
PSC 80	27	63	58	21	287.11	822
PSC 80	32	30	63	24	276.15	831
PSC 80	32	86	63	24	287.11	832
PSC 80	40	40	70	27	276.15	841

Spare parts DCONWS

	Article no. 84 950 ...	Article no. 84 950 ...	Article no. 83 368 ...	Article no. 83 367 ...	Article no. 83 950 ...
	£	£	£	£	£
16	4.78 108	10.84 113	20.07 116	5.33 016	5.65 113
22	4.78 109	12.71 114	24.96 122	5.93 022	6.38 124
27	4.78 110	13.76 115	29.34 127	7.58 027	7.05 125
32	4.78 111	15.62 116	40.00 132	11.90 032	8.59 126
40	4.78 112	17.37 117	39.72 140	12.74 040	9.47 112



Drive key



Drive dog



Cross nut key



Retaining screw



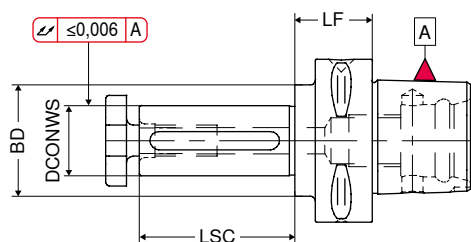
Clamping screw

Milling arbor

- ▲ For cutters with long drive slot
- ▲ Runout ≤ 0.005 mm

Scope of supply:

Holder with clamping screw and drive key



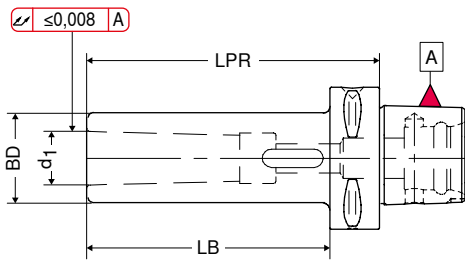
Adapter	DCONWS	LF	BD	LSC	Y8	
					Article no. 84 124 ...	
	mm	mm	mm	mm	£	
PSC 32	16	20	28	30	218.66	316
PSC 40	16	25	28	30	230.90	416
PSC 40	22	25	36	40	230.90	422
PSC 40	27	25	40	60	230.90	427
PSC 50	16	25	28	30	230.90	516
PSC 50	22	25	36	40	230.90	522
PSC 50	27	25	43	60	230.90	527
PSC 50	32	25	50	60	230.90	532
PSC 63	16	30	28	30	230.90	616
PSC 63	22	30	36	40	230.90	622
PSC 63	27	30	43	60	230.90	627
PSC 63	32	25	48	60	230.90	632
PSC 63	40	25	56	60	230.90	640
PSC 80	16	40	28	30	267.51	816
PSC 80	22	40	36	40	267.51	822
PSC 80	27	30	43	60	267.51	827
PSC 80	32	30	48	60	267.51	832
PSC 80	40	30	56	60	267.51	840
PSC 80	50	30	70	60	267.51	850
PSC 80	60	30	60	60	267.51	860

Spare parts

DCONWS

	Y8		Y8		Y8	
	Drive key		Cross nut key		Retaining screw	
	Article no. 84 950 ...		Article no. 83 368 ...		Article no. 83 367 ...	
	£		£		£	
16	4.78	101	20.07	116	5.33	016
22	4.78	102	24.96	122	5.93	022
27	4.78	103	29.34	127	7.58	027
32	4.78	104	40.00	132	11.90	032
40	4.78	105	39.72	140	12.74	040
50	4.78	106	56.62	150	32.41	050
60	4.78	107				

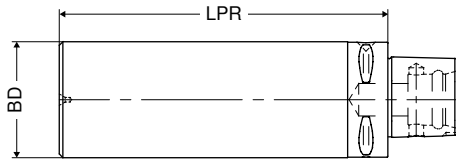
Taper sleeve DIN6383 for DIN 228-2D Morse taper shanks



Adapter	d_1	LPR	BD	LB	Y8	
					Article no. 84 126 ...	
		mm	mm	mm	£	
PSC 40	MK2	110	32	90	230.90	402
PSC 40	MK3	130	40	119	243.14	403
PSC 50	MK2	110	32	90	243.14	502
PSC 50	MK3	130	40	110	255.26	503
PSC 50	MK4	150	48	132	267.51	504
PSC 63	MK2	110	32	88	243.14	602
PSC 63	MK3	130	40	108	255.26	603
PSC 63	MK4	150	48	128	267.51	604
PSC 80	MK2	120	32	90	279.76	802
PSC 80	MK3	140	40	110	304.13	803
PSC 80	MK4	160	48	130	328.63	804

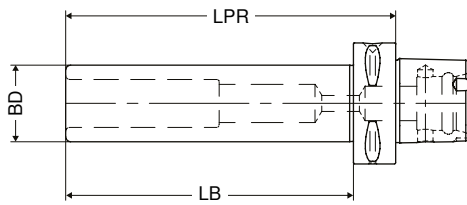
Blank

- ▲ Material: 25CrMoV4
- ▲ For production of special tools
- ▲ Taper hardened and ground
- ▲ Special tool area in soft state



Adapter	LPR	BD	Y8	
			Article no.	
	mm	mm	84 134 ...	
PSC 40	95	40	£ 169.79	402
PSC 40	120	40	182.04	403
PSC 40	165	60	194.29	404
PSC 40	75	80	218.66	405
PSC 40	120	80	230.90	406
PSC 40	85	100	243.14	408
PSC 50	125	50	194.29	502
PSC 50	150	50	206.41	503
PSC 50	175	75	230.90	504
PSC 50	80	90	243.14	506
PSC 50	150	95	255.26	508
PSC 50	90	110	243.14	510
PSC 63	180	63	230.90	602
PSC 63	195	75	243.14	604
PSC 63	85	110	243.14	606
PSC 63	180	120	365.23	608
PSC 63	95	130	279.76	610
PSC 80	200	80	279.76	802
PSC 80	160	120	279.76	804
PSC 80	90	130	267.51	806
PSC 80	200	145	304.13	808

Test bar



Adapter	LPR	BD	LB	Y8	
				Article no. 84 136 ...	
	mm	mm	mm	£	
PSC 32	175	25	160	822.83	030
PSC 40	180	25	160	912.62	040
PSC 50	235	32	215	974.90	050
PSC 63	322	40	300	1,026.20	060
PSC 80	330	40	300	1,231.45	080

Coolant pipe

Scope of supply:

Complete, including seals



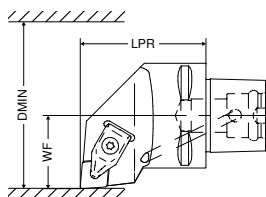
Size	G	Y8	
		Article no. 84 116 ...	
		£	
PSC 40	M14 x 1,5	43.20	04000
PSC 50	M16 x 1,5	45.42	05000
PSC 63	M20 x 1,5	47.66	06300
PSC 80	M20 x 1,5	59.37	08000

Key



Size	Y8	
	Article no. 84 117 ...	
	£	
PSC 40	38.80	04000
PSC 50	41.56	05000
PSC 63	44.40	06300
PSC 80	60.04	08000

Toolholder DCLN 95°/80°



Illustrations show right-hand versions



ISO designation	Adapter	WF	LPR	DMIN	Insert	Left-hand		Right-hand	
						Y8	Y8	Y8	Y8
		mm	mm	mm		Article no. 84 151 ...		Article no. 84 150 ...	
PSC40 DCLN R/L 27050-12	PSC 40	27	50	75	CN.. 1204	£ 254.68	400	£ 254.68	400
PSC50 DCLN R/L 35060-12	PSC 50	35	60	95	CN.. 1204	£ 284.07	500	£ 284.07	500
PSC63 DCLN R/L 45065-12	PSC 63	45	65	110	CN.. 1204	£ 328.03	600	£ 328.03	600

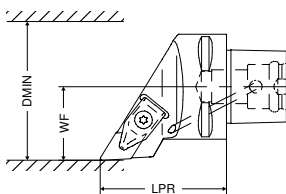
Spare parts

Adapter

Adapter	Article no. 84 950 ...	£		Article no. 84 950 ...	£		Article no. 84 950 ...	£		Article no. 84 950 ...	£	
PSC 40	84 950 ...	84.08	118	84 950 ...	19.37	132	84 950 ...	21.81	136	84 950 ...	10.50	121
PSC 50	84 950 ...	84.08	118	84 950 ...	19.37	132	84 950 ...	21.81	136	84 950 ...	10.50	121
PSC 63	84 950 ...	84.08	118	84 950 ...	19.37	132	84 950 ...	21.81	136	84 950 ...	10.50	121

Y8	Y8	Y8	Y8
Clamping claw	Clamping screw	Carbide seat	Threaded bush
Article no. 84 950 ...	Article no. 84 950 ...	Article no. 84 950 ...	Article no. 84 950 ...
£	£	£	£

Toolholder – DDJN 93°/55°



Illustrations show right-hand versions



ISO designation	Adapter	WF	LPR	DMIN	Insert	Left-hand		Right-hand	
						Y8	Y8	Y8	Y8
		mm	mm	mm		Article no. 84 153 ...		Article no. 84 152 ...	
PSC40 DDJN R/L 27055-15	PSC 40	27	55	85	DN.. 1506	£ 254.68	400	£ 254.68	400
PSC50 DDJN R/L 35060-15	PSC 50	35	60	95	DN.. 1506	£ 284.07	500	£ 284.07	500
PSC63 DDJN R/L 45065-15	PSC 63	45	65	110	DN.. 1506	£ 328.03	600	£ 328.03	600

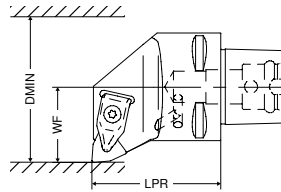
Spare parts

Adapter

Adapter	Article no. 84 950 ...	£		Article no. 84 950 ...	£		Article no. 84 950 ...	£		Article no. 84 950 ...	£	
PSC 40	84 950 ...	84.08	118	84 950 ...	19.37	132	84 950 ...	26.59	137	84 950 ...	26.59	137
PSC 50	84 950 ...	84.08	118	84 950 ...	19.37	132	84 950 ...	26.59	137	84 950 ...	26.59	137
PSC 63	84 950 ...	84.08	118	84 950 ...	19.37	132	84 950 ...	26.59	137	84 950 ...	26.59	137

Y8	Y8	Y8
Clamping claw	Clamping screw	Carbide seat
Article no. 84 950 ...	Article no. 84 950 ...	Article no. 84 950 ...
£	£	£

Toolholder – DWLN 95°/80°



Illustrations show right-hand versions

ISO designation	Adapter	WF	LPR	DMIN	Insert	Left-hand		Right-hand	
						Y8	Y8	Y8	Y8
		mm	mm	mm		Article no. 84 155 ...		Article no. 84 154 ...	
PSC40 DWLN R/L 27050-08	PSC 40	27	50	75	WN.. 0804	£ 254.68	400	£ 254.68	400
PSC50 DWLN R/L 35060-08	PSC 50	35	60	95	WN.. 0804	£ 284.07	500	£ 284.07	500
PSC63 DWLN R/L 45065-08	PSC 63	45	65	110	WN.. 0804	£ 328.03	600	£ 328.03	600

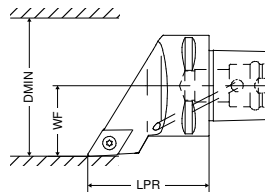
Spare parts

Adapter

PSC 40	£ 84.08	118	£ 20.77	133	£ 21.81	138
PSC 50	£ 84.08	118	£ 20.77	133	£ 21.81	138
PSC 63	£ 84.08	118	£ 20.77	133	£ 21.81	138

Y8	Y8	Y8
Article no. 84 950 ...	Article no. 84 950 ...	Article no. 84 950 ...
£	£	£
84.08 118	20.77 133	21.81 138
84.08 118	20.77 133	21.81 138

Toolholder – SDJC 93°/55°



Illustrations show right-hand versions

ISO designation	Adapter	WF	LPR	DMIN	Insert	Left-hand		Right-hand	
						Y8	Y8	Y8	Y8
		mm	mm	mm		Article no. 84 157 ...		Article no. 84 156 ...	
PSC40 SDJC R/L 27050-11	PSC 40	27	50	80	DC.. 11T3	£ 254.68	400	£ 254.68	400
PSC50 SDJC R/L 35060-11	PSC 50	35	60	95	DC.. 11T3	£ 284.07	500	£ 284.07	500
PSC63 SDJC R/L 45065-11	PSC 63	45	65	110	DC.. 11T3	£ 328.03	600	£ 328.03	600

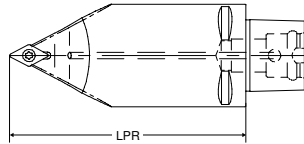
Spare parts

Adapter

PSC 40	£ 23.21	134	£ 16.09	139
PSC 50	£ 23.21	134	£ 16.09	139
PSC 63	£ 23.21	134	£ 16.09	139

Y8	Y8
Article no. 84 950 ...	Article no. 84 950 ...
£	£
23.21 134	16.09 139
23.21 134	16.09 139

Toolholder – SDNC 62,5°/55°



ISO designation	Adapter	LPR	Insert	Neutral	
				Article no.	Y8
		mm		84 158 ...	
				£	
PSC40 SDNC N 00115-11	PSC 40	115	DC.. 11T3	364.65	400
PSC50 SDNC N 00115-11	PSC 50	115	DC.. 11T3	382.97	500
PSC63 SDNC N 00115-11	PSC 63	115	DC.. 11T3	438.01	600

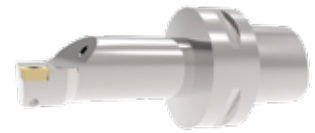
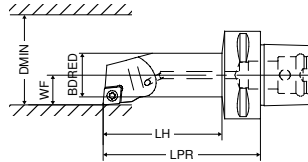
Y8		Y8	
			
Clamping screw		Carbide seat	
Article no.		Article no.	
84 950 ...		84 950 ...	
£		£	
23.21	134	16.09	139
23.21	134	16.09	139
23.21	134	16.09	139

Spare parts

Adapter

PSC 40
PSC 50
PSC 63

Boring bar SCLC 95°/80°



Illustrations show right-hand versions

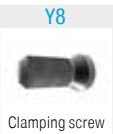
ISO designation	Adapter	WF	LPR	BDRED	LH	DMIN	Insert	Left-hand		Right-hand	
								Y8		Y8	
		mm	mm	mm	mm	mm		Article no.		Article no.	
PSC40 SCLC R/L 13080-09	PSC 40	13	80	20	57	25	CC.. 09T3	84 171 ...		84 170 ...	
								£		£	
								346.34	400	346.34	400
PSC50 SCLC R/L 17090-09	PSC 50	17	90	25	68	32	CC.. 09T3	382.97	500	382.97	500

Spare parts

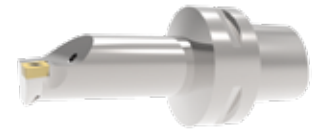
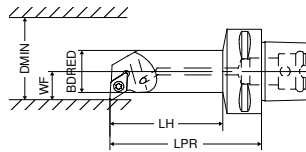
Adapter

PSC 40

PSC 50

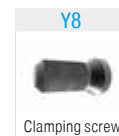


Boring bar SDUC 93°/55°



Illustrations show right-hand versions

ISO designation	Adapter	WF	LPR	BDRED	LH	DMIN	Insert	Left-hand		Right-hand	
								Y8		Y8	
		mm	mm	mm	mm	mm		Article no.		Article no.	
PSC40 SDUC R/L 13080-11	PSC 40	13	80	20	57	25	DC.. 11T3	84 173 ...		84 172 ...	
								£		£	
								346.34	400	346.34	400
PSC50 SDUC R/L 17090-11	PSC 50	17	90	25	67	32	DC.. 11T3	382.97	500	382.97	500
PSC50 SDUC R/L 22110-11	PSC 50	22	110	32	67	40	DC.. 11T3	382.97	501	382.97	501

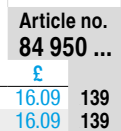
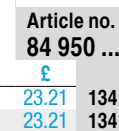


Spare parts

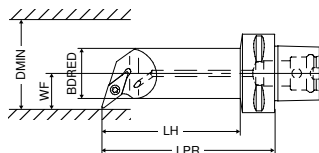
Adapter

PSC 40

PSC 50



Boring bar SVQC 107,5°/35°



Illustrations show right-hand versions

ISO designation	Adapter	WF	LPR	BDRED	LH	DMIN	Insert	Left-hand		Right-hand	
								Y8		Y8	
		mm	mm	mm	mm	mm		Article no. 84 175 ...		Article no. 84 174 ...	
PSC40 SVQC R/L 18090-16	PSC 40	18	90	25	68	32	VC.. 1604	£ 438.01	400	£ 438.01	400
PSC50 SVQC R/L 22110-16	PSC 50	22	110	32	88	40	VC.. 1604	£ 474.61	500	£ 474.61	500
PSC63 SVQC R/L 22120-16	PSC 63	22	120	32	94	40	VC.. 1604	£ 547.97	600	£ 547.97	600
PSC63 SVQC R/L 27145-16	PSC 63	27	145	40	120	50	VC.. 1604	£ 547.97	601	£ 547.97	601

Spare parts

Adapter

PSC 40	£ 19.37	132
PSC 50	£ 19.37	132
PSC 63	£ 19.37	132

Y8

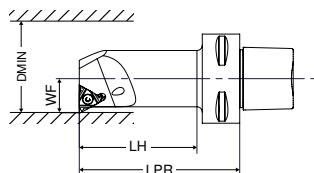


Clamping screw

Article no.
84 950 ...

£	
19.37	132
19.37	132
19.37	132

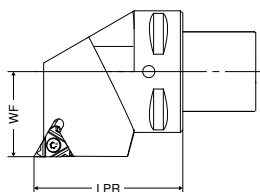
Internal threading holder



Illustrations show right-hand versions

ISO designation	Adapter	WF	LPR	LH	DMIN	Left-hand		Right-hand	
						Y8		Y8	
						Article no. 84 197 ...		Article no. 84 196 ...	
		mm	mm	mm	mm	£		£	
PSC40 SI R/L 12060-16.IK	PSC 40	12	60	37	20	510.20	410	510.20	410
PSC40 SI R/L 14060-16.IK	PSC 40	14	60	38	25	510.20	412	510.20	412
PSC40 SI R/L 17070-16.IK	PSC 40	17	70	48	32	510.20	414	510.20	414
PSC40 SI R/L 22090-16.IK	PSC 40	22	90	69	40	510.20	416	510.20	416
PSC40 SI R/L 27080-16.IK	PSC 40	27	80	60	50	510.20	418	510.20	418
PSC40 SI R/L 15065-22.IK	PSC 40	15	65	42	25	510.20	420	510.20	420
PSC40 SI R/L 19070-22.IK	PSC 40	19	70	48	32	510.20	422	510.20	422
PSC40 SI R/L 22090-22.IK	PSC 40	22	90	69	40	510.20	424	510.20	424
PSC40 SI R/L 27080-22.IK	PSC 40	27	80	60	50	510.20	426	510.20	426
PSC50 SI R/L 12060-16.IK	PSC 50	12	60	35	20	567.79	510	567.79	510
PSC50 SI R/L 14060-16.IK	PSC 50	14	60	36	25	567.79	512	567.79	512
PSC50 SI R/L 17070-16.IK	PSC 50	17	70	47	32	567.79	514	567.79	514
PSC50 SI R/L 22090-16.IK	PSC 50	22	90	68	40	567.79	516	567.79	516
PSC50 SI R/L 27105-16.IK	PSC 50	27	105	84	50	567.79	518	567.79	518
PSC50 SI R/L 15065-22.IK	PSC 50	15	65	41	25	567.79	520	567.79	520
PSC50 SI R/L 19070-22.IK	PSC 50	19	70	47	32	567.79	522	567.79	522
PSC50 SI R/L 22090-22.IK	PSC 50	22	90	68	40	567.79	524	567.79	524
PSC50 SI R/L 27105-22.IK	PSC 50	27	105	84	50	567.79	526	567.79	526
PSC63 SI R/L 14070-16.IK	PSC 63	14	70	42	25	653.15	610	653.15	610
PSC63 SI R/L 17075-16.IK	PSC 63	17	75	48	32	653.15	612	653.15	612
PSC63 SI R/L 22090-16.IK	PSC 63	22	90	64	40	653.15	614	653.15	614
PSC63 SI R/L 27105-16.IK	PSC 63	27	105	80	50	653.15	616	653.15	616
PSC63 SI R/L 19075-22.IK	PSC 63	19	75	48	32	653.15	620	653.15	620
PSC63 SI R/L 22090-22.IK	PSC 63	22	90	64	40	653.15	622	653.15	622
PSC63 SI R/L 27105-22.IK	PSC 63	27	105	80	50	653.15	624	653.15	624

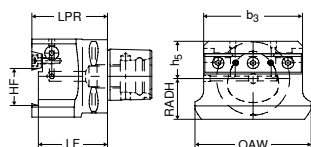
External threading holder



Illustrations show right-hand versions

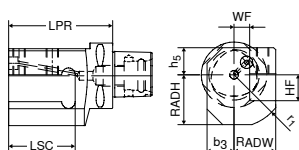
ISO designation	Adapter	LPR	WF	Left-hand		Right-hand	
				Y8		Y8	
				Article no. 84 191 ...		Article no. 84 190 ...	
		mm	mm	£		£	
PSC40 SE R/L 27050-16.IK	PSC 40	50	27	365.23	412	365.23	412
PSC40 SE R/L 27050-22.IK	PSC 40	50	27	365.23	422	365.23	422
PSC50 SE R/L 35060-16.IK	PSC 50	60	35	403.02	512	403.02	512
PSC50 SE R/L 35060-22.IK	PSC 50	60	35	403.02	522	403.02	522
PSC63 SE R/L 45065-16.IK	PSC 63	65	45	462.60	612	462.60	612
PSC63 SE R/L 45065-22.IK	PSC 63	65	45	462.60	622	462.60	622
PSC80 SE R/L 55080-22.IK	PSC 80	80	55	488.38	822	488.38	822

Radial parting blade holder, right / left



Adapter	HF	LPR	OAW	b ₃	h ₅	RADH	LF	Neutral Y8	
								Article no. 84 132 ...	
	mm	mm	mm	mm	mm	mm	mm	£	
PSC 63	26	65	91	75	30	30	60	389.73	626
PSC 63	32	65	100	85	32	35	88	389.73	632

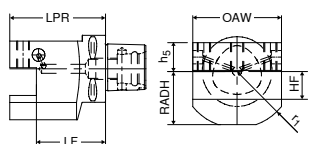
Square section adapter, single face



Illustrations show right-hand versions

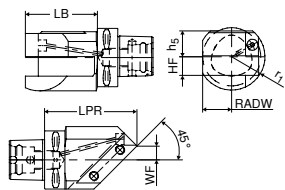
Adapter	HF	LPR	b ₃	RADW	r ₁	WF	h ₅	RADH	LSC	Left-hand Y8		Right-hand Y8	
										Article no. 84 611 ...	£	Article no. 84 610 ...	£
	mm	mm	mm	mm	mm	mm	mm	mm	mm				
PSC 50	20	80	26	35	45	15	26	43	53	316.37	520	316.37	520
PSC 50	25	90	26	40	51	15	26	48	64	316.37	525	316.37	525
PSC 50	32	115	26	47	61	15	26	55	90	316.37	532	316.37	532
PSC 63	20	90	26	35	45	15	26	43	53	365.23	620	365.23	620
PSC 63	25	100	26	40	51	15	26	48	64	365.23	625	365.23	625
PSC 63	32	125	26	47	61	15	26	55	90	365.23	632	365.23	632
PSC 80	20	90	26	35	45	15	26	43	53	438.60	820	438.60	820
PSC 80	25	100	26	40	51	15	26	48	64	438.60	825	438.60	825
PSC 80	32	125	26	47	61	15	26	55	90	438.60	832	438.60	832

Square section adapter



Adapter	HF	LPR	OAW	r ₁	RADH	h ₅	LF	Neutral Y8	
								Article no. 84 602 ...	
	mm	mm	mm	mm	mm	mm	mm	£	
PSC 50	20	70	70	45	69	43	50	316.37	520
PSC 50	25	80	80	51	74	48	55	328.63	525
PSC 50	32	90	90	61	81	55	58	353.11	532
PSC 63	20	80	70	45	69	43	60	365.23	620
PSC 63	25	90	80	51	74	48	65	389.73	625
PSC 63	32	100	90	61	81	55	68	414.09	632
PSC 80	20	80	70	45	69	43	60	389.73	820
PSC 80	25	90	80	51	74	48	65	414.09	825
PSC 80	32	100	90	61	81	55	68	438.60	832

Square section adapter 45°



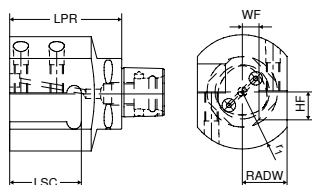
Illustrations show right-hand versions

Adapter	HF	LPR	RADW	r_1	WF	h_5	LB
	mm	mm	mm	mm	mm	mm	mm
PSC 50	20	100	31	36	15	26	80
PSC 63	20	100	32	36	15	28	78
PSC 80	32	135	45	70	17	40	105



Left-hand Y8		Right-hand Y8	
Article no. 84 605 ...		Article no. 84 604 ...	
£		£	
316.37	520	316.37	520
377.49	620	377.49	620
426.34	832	426.34	832

Square section adapter, double face



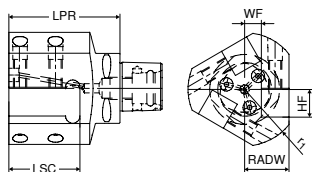
Illustrations show right-hand versions

Adapter	HF	LPR	RADW	r_1	WF	LSC
	mm	mm	mm	mm	mm	mm
PSC 50	20	80	35	45	15	53
PSC 50	25	90	40	51	15	64
PSC 50	32	115	47	61	15	90
PSC 63	20	90	35	45	15	53
PSC 63	25	100	40	51	15	64
PSC 63	32	125	47	61	15	90
PSC 80	20	90	35	45	15	53
PSC 80	25	100	40	51	15	64
PSC 80	32	125	47	61	15	90



Left-hand Y8		Right-hand Y8	
Article no. 84 613 ...		Article no. 84 612 ...	
£		£	
536.31	520	536.31	520
548.56	525	548.56	525
560.68	532	560.68	532
560.68	620	560.68	620
572.93	625	572.93	625
585.18	632	585.18	632
670.64	820	670.64	820
682.91	825	682.91	825
695.15	832	695.15	832

Square section adapter, triple face



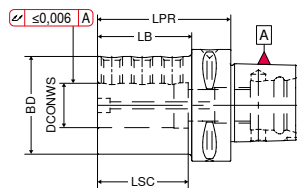
Illustrations show right-hand versions

Adapter	HF	LPR	RADW	r_1	WF	LSC
	mm	mm	mm	mm	mm	mm
PSC 50	20	80	35	45	15	53
PSC 50	25	90	40	51	15	64
PSC 50	32	115	47	61	15	90
PSC 63	20	90	35	45	15	53
PSC 63	25	100	40	51	15	64
PSC 63	32	125	47	61	15	90
PSC 80	20	90	35	45	15	53
PSC 80	25	100	40	51	15	64
PSC 80	32	125	47	61	15	90



Left-hand Y8		Right-hand Y8	
Article no. 84 615 ...		Article no. 84 614 ...	
£		£	
719.50	520	719.50	520
731.76	525	731.76	525
756.24	532	756.24	532
841.72	620	841.72	620
878.34	625	878.34	625
902.84	632	902.84	632
1,012.79	820	1,012.79	820
1,037.17	825	1,037.17	825
1,061.66	832	1,061.66	832

Boring bar holder



Adapter	DCONWS	LPR	BD	LB	LSC	Y8	
						Article no.	
	mm	mm	mm	mm	mm	84 130 ...	
PSC 50	6	70	40	50	40	£ 279.76	506
PSC 50	8	70	44	50	40	£ 279.76	508
PSC 50	10	70	44	50	45	£ 279.76	510
PSC 50	12	70	44	50	45	£ 279.76	512
PSC 50	16	75	44	55	45	£ 279.76	516
PSC 50	20	75	50	75	51	£ 279.76	520
PSC 50	25	80	55	50	51	£ 279.76	525
PSC 50	32	90	72	70	60	£ 279.76	532
PSC 63	6	75	40	53	40	£ 279.76	606
PSC 63	8	75	44	53	40	£ 279.76	608
PSC 63	10	75	44	53	45	£ 279.76	610
PSC 63	12	75	44	53	45	£ 279.76	612
PSC 63	16	75	44	53	45	£ 279.76	616
PSC 63	20	75	50	53	51	£ 279.76	620
PSC 63	25	75	55	53	51	£ 279.76	625
PSC 63	32	75	72	52	60	£ 279.76	632
PSC 63	40	105	70	82	90	£ 279.76	640

Y8



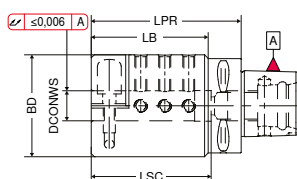
Grubscrew

Spare parts
DCONWS

		Y8	
		Article no.	
		84 950 ...	
		£	
6	M6x16	£ 6.44	153
8	M8x16	£ 6.44	154
10	M10x16	£ 6.44	155
12 - 40	M12x14	£ 6.44	156

Boring bar adapter, split version

- ▲ Vibration-damped
- ▲ Ideally suited for large overhangs

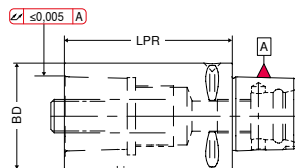


Adapter	DCONWS	LPR	BD	LB	LSC	Y8	
						Article no. 84 131 ...	
	mm	mm	mm	mm	mm	£	
PSC 63	6	80	40	58	60	340.87	606
PSC 63	8	85	45	63	65	340.87	608
PSC 63	10	85	50	63	65	340.87	610
PSC 63	12	100	63	78	80	340.87	612
PSC 63	16	100	63	78	80	340.87	616
PSC 63	20	100	68	78	80	340.87	620
PSC 63	25	100	68	78	80	340.87	625
PSC 63	32	100	72	78	80	340.87	632

Spare parts DCONWS	Y8		Y8		Y8	
	Grubscrew		Grubscrew		Stop screw IK	
	Article no. 83 950 ...		Article no. 84 950 ...		Article no. 81 950 ...	
	£		£		£	
6					M5x15	
8						
10	M6x20	3.28 462				
12 - 20	M8x20	3.28 468				
25	M8x25	3.28 467				
32	M10x20	3.28 471				

Extension, axial clamping

▲ Run out ≤ 0,002mm

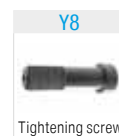


Adapter	BD	LPR	Y8	
			Article no. 84 620 ...	
	mm	mm	£	
PSC 32	32	60	230.90	301
PSC 32	32	80	230.90	302
PSC 40	40	60	243.14	401
PSC 40	40	80	243.14	402
PSC 50	50	80	255.26	501
PSC 50	50	100	255.26	502
PSC 63	63	100	267.51	601
PSC 63	63	140	267.51	602
PSC 80	80	100	279.76	801
PSC 80	80	125	279.76	802

Spare parts

Adapter

PSC 32	39.19	127	SW8	28.45	122
PSC 40	39.19	128	SW8	32.07	123
PSC 50	39.19	129	SW10	32.07	124
PSC 63	78.25	130	SW14	35.69	126
PSC 80	78.25	130	SW14	35.69	126



Accessories

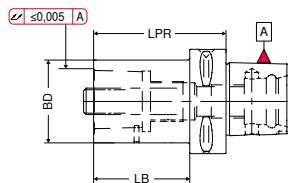


Hollow nose keys

→ 187

Cylindrical reduction

▲ Run out ≤ 0,002mm

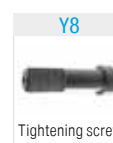


Adapter	BD	LPR	LB	Y8	
				Article no. 84 624 ...	
	mm	mm	mm	£	
PSC 40	32	55	35	218.66	403
PSC 50	32	60	40	243.14	503
PSC 50	40	65	45	243.14	504
PSC 63	32	70	48	255.26	603
PSC 63	40	80	58	255.26	604
PSC 63	50	80	58	255.26	605
PSC 80	32	60	30	267.51	803
PSC 80	40	70	40	267.51	804
PSC 80	50	80	50	267.51	805
PSC 80	63	80	50	267.51	806
PSC 80X	63	80	48	353.11	816
PSC 80X	80	100	68	353.11	818

Spare parts

Adapter

Adapter	Y8		Y8	
	Article no. 84 950 ...		Article no. 84 950 ...	
	£		£	
PSC 40	39.19	128	32.07	123
PSC 50	39.19	129	32.07	124
PSC 63	78.25	130	35.69	126
PSC 80	78.25	130	35.69	126
PSC 80X	78.25	130	35.69	126



Accessories

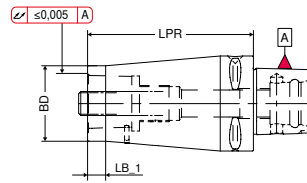


Hollow nose keys

→ 187

Tapered reduction

▲ Run out ≤ 0,002mm



Adapter	BD	LPR	LB_1	Y8	
				Article no. 84 625 ...	
	mm	mm	mm	£	
PSC 40	32	70	12	218.66	403
PSC 50	40	85	12	243.14	504
PSC 63	50	110	12	255.26	605
PSC 80	63	120	12	279.76	806
PSC 80X	80	150	12	353.11	818

Spare parts

Adapter	Y8		Y8	
	Article no. 84 950 ...		Article no. 84 950 ...	
	£		£	
PSC 40	39.19	128	SW8	32.07 123
PSC 50	39.19	129	SW10	32.07 124
PSC 63	78.25	130	SW14	35.69 126
PSC 80	78.25	130	SW14	35.69 126
PSC 80X	78.25	130	SW14	35.69 126

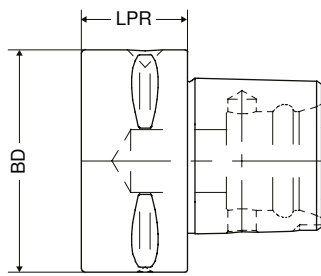
Accessories



Hollow nose keys

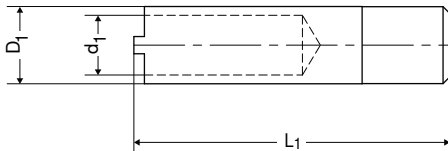
→ 187

Sealing plugs



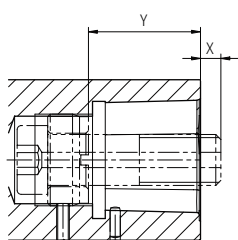
Adapter	BD mm	LPR mm	Y8	
			Article no. 84 135 ...	
			£	
PSC 40	40	28	122.21	040
PSC 50	50	28	122.21	050
PSC 63	63	30	144.14	060
PSC 80	80	38	156.38	080

Hollow nose key for clamping screw for PSC extensions and reductions



Adapter	D ₁ mm	L ₁ mm	d ₁ mm	Y8	
				Article no. 84 651 ...	
				£	
PSC 32	16	80	12.5	63.64	032
PSC 40	20	80	15.0	67.17	040
PSC 50	22	90	17.0	67.17	050
PSC 63/80/80X	34	110	21.0	74.21	063

Installation instructions: clamping screw for PSC extensions and reductions

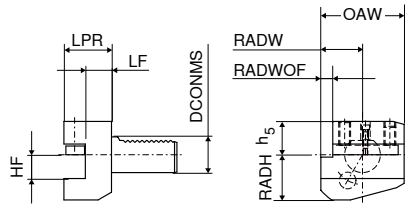


X = Screw leading edge
Y = Threaded ring insertion depth

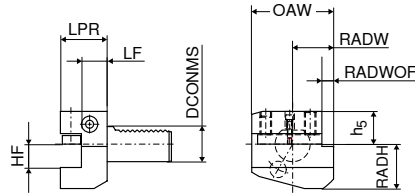
Threaded ring secured with threaded pin DIN 914.
Drilled threaded ring !

Adapter	X mm	Y mm
PSC 32	5	24
PSC 40	5	29
PSC 50	6	36
PSC 63	8	44
PSC 80	0	53
PSC 80X	0	53

Radial tool holders, short



B2



B1

B2

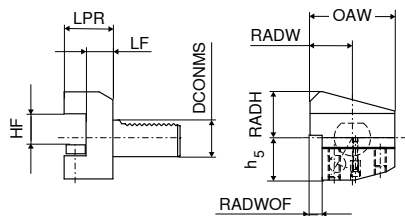
B1



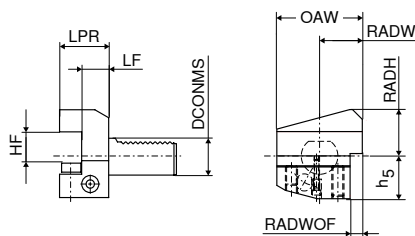
DCONMS _{h6}	HF _{0/-0,1}	OAW	RADW	RADWOF	h ₅	RADH	LF _{0/+0,5}	LPR	Left-hand Y8		Right-hand Y8	
									Article no. 82 189 ...	£	Article no. 82 185 ...	£
16	12	42	23.0	5.0	20.0	22	13.0	24	245.72	160	176.64	160
16	12	42	23.0	5.0	20.0	22	23.0	34	200.10	161		
20	16	55	30.0	7.0	25.0	30	16.0	30	150.79	200	160.97	200
20	16	55	30.0	7.0	25.0	30	26.0	40	196.55	201	185.73	201
20	16	55	30.0	7.0	25.0	30	18.0	30	548.66	202 ¹⁾	524.40	202 ¹⁾
20	16	55	30.0	7.0	25.0	30	25.5	40			464.09	203 ¹⁾
25	16	55	30.0	7.0	25.0	30	16.0	30	321.55	250	252.75	250
30	20	70	35.0	10.0	28.0	38	18.5	40	163.29	300	148.04	300
30	20	70	35.0	10.0	28.0	35	32.0	50			1,142.07	302 ¹⁾
30	20	70	35.0	10.0	28.0	38	42.0	60	258.18	301	245.01	301
40	25	85	42.5	12.5	32.5	48	18.5	44	165.46	400	151.07	400
50	32	100	50.0	16.0	35.0	60	30.0	55	256.54	500	252.33	500

1) Height adjustable +/- 1 mm

Radial tool holders, overhead, short



B4



B3

B4

B3

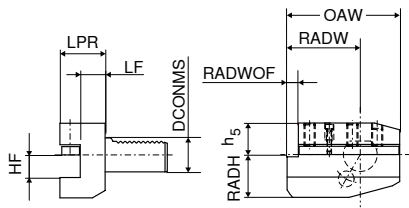


DCONMS _{h6}	HF _{0/-0,1}	OAW	RADW	RADWOF	h ₅	RADH	LF _{0/+0,5}	LPR	Left-hand Y8		Right-hand Y8	
									Article no. 82 196 ...	£	Article no. 82 193 ...	£
16	12	42	23.0	5.0	20.0	22	13.0	24			186.20	160
20	16	55	30.0	7.0	25.0	30	16.0	30	159.36	200	160.97	200
20	16	55	30.0	7.0	25.0	30	26.0	40	350.31	201	233.69	201
20	16	55	30.0	7.0	25.0	30	18.5	30	686.11	202 ¹⁾	567.33	202 ¹⁾
20	16	55	30.0	7.0	25.0	30	26.0	40	914.08	203 ¹⁾	595.45	203 ¹⁾
25	16	55	30.0	7.0	25.0	30	16.0	30	336.00	250	259.14	250
30	20	70	35.0	10.0	35.0	38	42.0	60	258.18	301	258.18	301
30	20	70	35.0	10.0	35.0	38	18.5	40	165.46	300	152.53	300
40	25	85	42.5	12.5	42.5	48	18.5	44	169.97	400	161.31	400
50	32	100	50.0	16.0	50.0	60	30.0	55	301.47	500	256.54	500

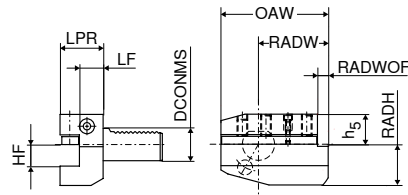
1) Height adjustable +/- 1 mm

i Spare parts can be found in → **Chapter 17, Accessories**

Radial tool holders, long



B6



B5

B6



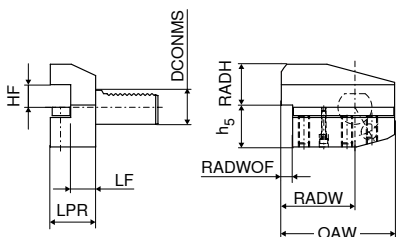
B5



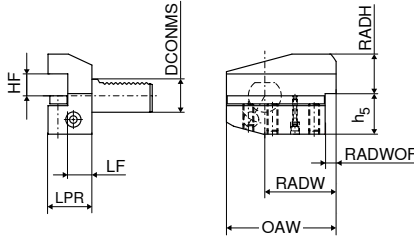
DCONMS _{h6}	HF _{0/-0,1}	OAW	RADW	RADWOF	h ₅	RADH	LF _{0/+0,5}	LPR	Left-hand Y8		Right-hand Y8	
									Article no. 82 202 ...		Article no. 82 199 ...	
mm	mm	mm	mm	mm	mm	mm	mm	mm	£		£	
20	16	75	50.0	7.0	25.0	30	16.0	30	253.77	200	267.20	200
20	16	75	50.0	7.0	25.0	30	26.0	40	282.98	201	259.31	201
20	16	75	50.0	7.0	25.0	30	18.0	30			666.34	202 ¹⁾
30	20	100	65.0	10.0	28.0	38	18.5	40	191.32	300	185.95	300
30	20	100	65.0	10.0	28.0	38	42.0	60	279.29	301	475.11	301
40	25	118	75.5	12.5	32.5	48	18.5	44	189.87	400	193.66	400
50	32	130	80.0	16.0	35.0	60	30.0	55	359.15	500	354.87	500

1) Height adjustable +/- 1 mm

Radial tool holders, overhead, long



B8



B7

B8



B7



DCONMS _{h6}	HF _{0/-0,1}	OAW	RADW	RADWOF	h ₅	RADH	LF _{0/+0,5}	LPR	Left-hand Y8		Right-hand Y8	
									Article no. 82 208 ...		Article no. 82 205 ...	
mm	mm	mm	mm	mm	mm	mm	mm	mm	£		£	
20	16	75	50.0	7.0	25.0	30	16.0	30	268.74	200	216.68	200
20	16	75	50.0	7.0	25.0	30	26.0	40			353.42	201
20	16	75	50.0	7.0	25.0	30	18.0	30			655.73	202 ¹⁾
30	20	100	65.0	10.0	35.0	38	18.5	40	218.63	300	191.32	300
30	20	100	65.0	10.0	35.0	38	42.0	60			282.60	301
40	25	118	75.5	12.5	42.5	48	18.5	44	212.09	400	212.09	400
50	32	130	80.0	16.0	50.0	60	30.0	55	345.03	500	360.91	500

1) Height adjustable +/- 1 mm

i Spare parts can be found in → **Chapter 17, Accessories**

Axial tool holders

C2

C1

C2

C1

									Left-hand		Right-hand	
									Y8		Y8	
									Article no.		Article no.	
									82 214 ...		82 211 ...	
									£		£	
DCONMS	h ₆	HF _{0/-0,1}	OAW	RADW	WF _{0/+0,3}	h ₅	RADH	LPR	LF			
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm			
16		12	43	24.0	13.0	20.0	22	44	5.0			242.16 160
20		16	65	40.0	26.0	25.0	30	50		188.13	200	190.45 201
20		16	65	40.0	25.5	25.0	30	50				678.54 202 ¹⁾
20		16	52	27.0	13.0	25.0	30	55	7.0			221.89 200
25		16	58	33.0	19.0	25.0	30	55	7.0	231.41	250	233.00 250
30		20	70	35.0	17.0	28.0	38	70	10.0			171.71 300
30		20	76	41.0	23.0	28.0	38	70	10.0	183.03	300	
40		25	90	47.5	25.5	32.5	48	85	12.5	202.08	400	
40		25	85	42.5	20.5	32.5	48	85	12.5			199.75 400
50		32	100	50.0	25.5	35.0	60	100	16.0			291.26 500
50		32	105	55.0	30.5	35.0	60	100	16.0	365.11	500	

1) Height adjustable +/- 1 mm

Axial tool holders, overhead

C4

C3

C4

C3

Left-hand

Right-hand

Y8

Y8

Article no.

Article no.

82 220 ...

82 217 ...

£

£

mm

mm

mm

mm

mm

mm

mm

mm

mm

16

12

43

24.0

13.0

20.0

22

44

5.0

201.35

200

230.10

201

874.92

202 ¹⁾

706.57

201 ¹⁾

273.59

200

254.93

250

254.93

250

184.49

300

175.36

300

202.08

400

202.08

400

202.08

400

296.34

500

252.33

500

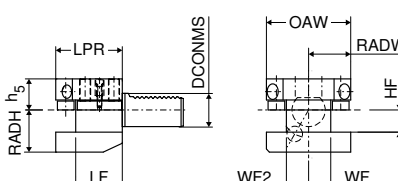
296.34

500

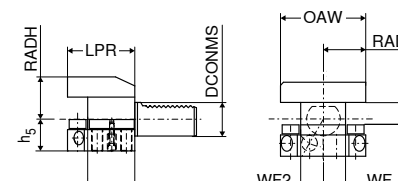
1) Height adjustable +/- 1 mm

i Spare parts can be found in → Chapter 17, Accessories

Multiple tool holders



D1



D2

D1

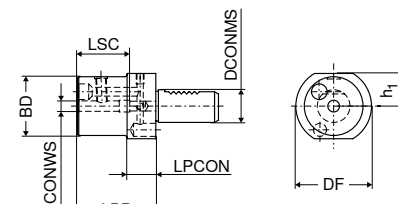
D2



DCONMS _{h6}	HF _{0/-0,1}	RADW	WF _{0/+0,3}	WF2 _{0/+0,3}	OAW	h ₅	RADH	LF _{0/+0,5}	LPR	Y8 Article no. 82 222 ... £	Y8 Article no. 82 224 ... £
25	16	33.0	19.0	19.0	66	22.0	30	34	48	398.03	250
25	16	33.0	19.0	19.0	66	25.0	30	34	48		416.98
30	20	35.0	17.0	23.0	76	28.0	38	42	60	403.70	300
30	20	35.0	17.0	23.0	76	35.0	38	42	60		403.70
40	25	42.5	20.5	25.5	90	32.5	48	50	72	422.73	400
40	25	42.5	20.5	25.5	90	42.5	48	50	72		422.73

Cylindrical tool holders

- ▲ For tools with cylindrical shank to DIN 6535 and DIN 1835 Form E (Whistle Notch)
- ▲ Coolant supply either centrally through the tool or via the adjustable ball spray nozzles



E

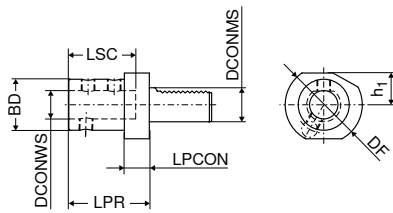


DCONMS _{h6}	DCONWS	DF	BD	h ₁	LPR	LPCON	LSC	Y8 Article no. 83 269 ... £
20	6	50	45	23.0	60	22	40	271.21
20	8	50	45	23.0	60	22	40	259.14
20	10	50	45	23.0	60	22	44	259.14
20	12	50	45	23.0	60	22	49	259.14
20	14	50	45	23.0	62	22	49	259.14
20	16	50	45	23.0	67	22	52	250.44
20	18	50	45	23.0	67	22	52	250.44
20	20	50	45	23.0	67	22	52	250.44
30	6	68	52	28.0	67	22	35	280.08
30	8	68	52	28.0	67	22	35	268.16
30	10	68	52	28.0	67	22	39	268.16
30	12	68	52	28.0	67	22	44	268.16
30	14	68	52	28.0	67	22	44	258.88
30	16	68	52	28.0	67	22	47	257.70
30	18	68	52	28.0	67	22	47	268.16
30	20	68	52	28.0	67	22	52	257.70
40	6	83	52	32.5	67	22	35	312.75
40	8	83	52	32.5	67	22	35	300.86
40	10	83	52	32.5	67	22	39	300.86
40	12	83	52	32.5	67	22	44	300.86
40	14	83	52	32.5	67	22	44	300.86
40	16	83	52	32.5	67	22	47	290.54
40	18	83	52	32.5	67	22	47	290.54
40	20	83	52	32.5	67	22	52	290.54

Cylindrical tool holders for indexable insert drills

▲ For drilling tools with internal coolant supply

E1



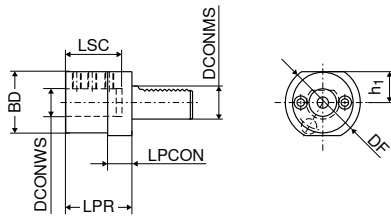
								Y8
								Article no.
								82 274 ...
DCONMS _{h6}	DCONWS _{H6}	DF	BD	h ₁	LPR	LPCON	LSC	£
mm	mm	mm	mm	mm	mm	mm	mm	
20	16	50	36	23.0	67	18	54	144.11 200
20	20	50	40	23.0	67	18	54	144.11 201
20	25	50	45	23.0	71	18	59	144.11 202
25	16	58	36	25.0	67	18	54	212.09 250
25	20	58	40	25.0	67	18	54	212.09 251
25	25	58	45	25.0	71	18	59	212.09 252
30	16	68	36	28.0	67	22	54	133.51 300
30	20	68	40	28.0	67	22	54	133.51 301
30	25	68	45	28.0	71	22	59	133.51 302
30	32	68	52	28.0	75	22	63	133.51 303
30	40	68	60	28.0	87	22	73	193.84 304
40	16	83	36	32.5	67	22	54	151.07 400
40	20	83	40	32.5	67	22	54	151.07 401
40	25	83	45	32.5	75	22	59	151.07 402
40	32	83	52	32.5	75	22	63	151.07 403
40	40	83	60	32.5	90	22	73	151.07 404
50	20	98	40	35.0	80	30	54	213.39 500
50	25	98	45	35.0	80	30	59	213.39 501
50	32	98	52	35.0	80	30	63	213.39 502
50	40	98	60	35.0	90	30	73	213.39 503
50	50	98	70	35.0	100	30	83	193.15 504

i Spare parts can be found in → **Chapter 17, Accessories**

Boring bar holder

- ▲ For turning tools with cylindrical shank
- ▲ Coolant supply either through the tool or via the ball-shaped spray nozzle

E2



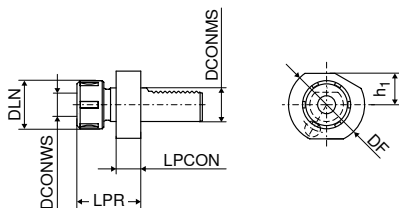
								Y8	
								Article no.	
								82 268 ...	
DCONMS _{h6}	DCONWS _{H7}	DF	BD	h ₁	LPR	LPCON	LSC	£	
mm	mm	mm	mm	mm	mm	mm	mm		
16	6	40	32	18.0	44	13	34	218.46	160 ¹⁾
16	8	40	32	18.0	44	13	34	166.71	161 ¹⁾
16	10	40	32	18.0	44	13	34	166.71	162 ¹⁾
16	12	40	40	18.0	44	13	34	166.71	163 ¹⁾
16	16	40	40	18.0	44	13	34	166.71	164 ¹⁾
20	8	50	40	23.0	50	18	41	155.00	200
20	10	50	40	23.0	50	18	41	155.00	201
20	12	50	40	23.0	50	18	41	155.00	202
20	16	50	40	23.0	50	18	41	155.00	203
20	20	50	50	23.0	50	18	41	155.00	204
20	25	50	50	23.0	60	18	51	155.00	205
25	8	58	40	25.0	50	18	41	252.75	250
25	10	58	40	25.0	50	18	41	252.75	251
25	12	58	40	25.0	50	18	41	252.75	252
25	16	58	40	25.0	50	18	41	252.75	253
25	20	58	58	25.0	50	18	41	252.75	254
25	25	58	58	25.0	60	18	51	252.75	255
30	8	68	55	28.0	60	22	51	151.07	300
30	10	68	55	28.0	60	22	51	151.07	301
30	12	68	55	28.0	60	22	51	151.07	302
30	16	68	55	28.0	60	22	51	151.07	303
30	20	68	55	28.0	60	22	51	151.07	304
30	25	68	55	28.0	60	22	51	151.07	305
30	32	68	68	28.0	75	22	61	151.07	306
40	8	83	55	32.5	75	22	61	154.00	400
40	10	83	55	32.5	75	22	61	154.00	401
40	12	83	55	32.5	75	22	61	154.00	402
40	16	83	55	32.5	75	22	61	154.00	403
40	20	83	55	32.5	75	22	61	154.00	404
40	25	83	55	32.5	75	22	61	154.00	405
40	32	83	83	32.5	75	22	61	154.00	406
40	40	83	83	32.5	90	22	76	154.00	407
50	12	98	68	35.0	90	30	76	221.83	500
50	16	98	68	35.0	90	30	76	221.83	501
50	20	98	68	35.0	90	30	76	221.83	502
50	25	98	68	35.0	90	30	76	212.68	503
50	32	98	68	35.0	90	30	76	212.68	504
50	40	98	98	35.0	90	30	76	212.68	505
50	50	98	98	35.0	100	30	86	212.68	506

1) Coolant supply through pipe joint

i Spare parts + accessories can be found in → **Chapter 17, Accessories**

OZ-Collet chuck

E3

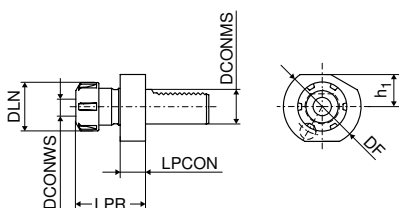


DCONMS _{h6}	DCONWS	DF	DLN	h ₁	LPR	LPCON	for collet	Y8	
								Article no. 82 285 ...	
mm	mm	mm	mm	mm	mm	mm		£	
20	2 - 16	50	43	23.0	57	18	415E / 421E (OZ)	279.29	202
30	2 - 16	68	43	28.0	57	22	415E / 421E (OZ)	286.65	301
30	2 - 25	68	60	28.0	75	22	459E / 462E (OZ)	286.65	302
40	2 - 25	83	60	32.5	75	22	459E / 462E (OZ)	299.84	402
40	4 - 32	83	72	32.5	90	22	460E / 467E (OZ)	313.00	403
50	2 - 25	98	60	35.0	75	30	459E / 462E (OZ)	454.24	500
50	4 - 32	98	72	35.0	90	30	460E / 467E (OZ)	448.20	501

i Collets can be found on → **Page 217+218.**

ER Collet chucks

E4



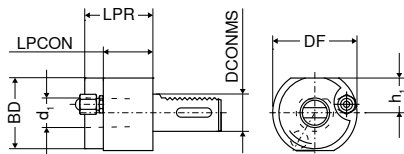
DCONMS _{h6}	DCONWS	DF	DLN	h ₁	LPR	LPCON	for collet	Y8	
								Article no. 82 286 ...	
mm	mm	mm	mm	mm	mm	mm		£	
16	1 - 10	40	28	18.0	45.5	14	426E (ER16)	254.67	160
16	1 - 13	40	34	18.0	44.0	14	428E (ER20)	252.01	161
20	1 - 16	50	42	23.0	57.0	18	430E (ER25)	207.45	202
20	2 - 20	50	50	23.0	62.0	18	470E (ER32)	216.89	203
25	1 - 16	58	42	25.0	57.0	18	430E (ER25)	342.82	250
25	2 - 20	58	50	25.0	62.0	18	470E (ER32)	347.05	251
30	1 - 16	68	42	28.0	57.0	22	430E (ER25)	204.77	300
30	2 - 20	68	50	28.0	75.0	22	470E (ER32)	204.96	301
40	1 - 16	83	42	32.5	63.0	22	430E (ER25)	222.03	400
40	2 - 20	83	50	32.5	75.0	22	470E (ER32)	222.03	401
40	3 - 26	83	63	32.5	75.0	22	472E (ER40)	218.05	402
50	2 - 20	94	50	35.0	75.0	30	470E (ER32)	323.37	500
50	3 - 26	94	63	35.0	63.0	30	472E (ER40)	323.37	501

i Collets can be found on → **Page 208–213.**

Morse taper adapters

▲ For taper shanks with ejector tang

F1



							Y8	
							Article no.	
							82 277 ...	
							£	
DCONMS _{h6}	d ₁	BD	DF	h ₁	LPR	LPCON		
mm		mm	mm	mm	mm	mm		
20	MK1		50	23.0	23		153.73	200
20	MK2		50	23.0	87		153.73	201
30	MK1		68	28.0	27		150.92	300
30	MK2		68	28.0	27		151.96	301
30	MK3	58	68	28.0	55	40	151.96	302
40	MK2	55	83	32.5	36	22	154.71	401
40	MK3	58	83	32.5	36	22	154.71	402
40	MK4	68	83	32.5	80	22	154.71	403
50	MK2	55	98	35.0	36	30	234.62	500
50	MK3	58	98	35.0	36	30	234.62	501
50	MK4	68	98	35.0	50	30	234.62	502

Parting blade holders, height adjustable

- ▲ Vertical adjustment ± 1 mm
- ▲ Suitable for internal cooling through the parting blade
- ▲ Axially parallel, adjustable external coolant supply

								Left-hand		Right-hand	
								Y8		Y8	
								Article no.		Article no.	
								82 237 ...		82 236 ...	
								£		£	
mm	mm	mm	mm	mm	mm	mm	mm				
25	53	28.0	26	25.0	30	35	40			645.15	250
30	70	35.0	26	28.0	38	44	49	542.70	300	542.70	300
30	70	35.0	32	30.5	38	44	49	688.14	302	688.14	302
40	73	42.5	26	32.0	48	44	49	712.92	040	712.92	040
40	85	42.5	32	32.0	48	44	49	641.34	400	559.20	400

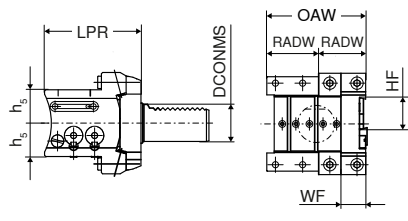
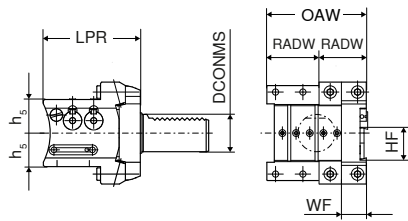
Parting blade holders, height adjustable, overhead

- ▲ Vertical adjustment ± 1 mm
- ▲ Suitable for internal cooling through the parting blade
- ▲ Axially parallel, adjustable external coolant supply

								Left-hand		Right-hand	
								Y8		Y8	
								Article no.		Article no.	
								82 243 ...		82 242 ...	
								£		£	
mm	mm	mm	mm	mm	mm	mm	mm				
30	70	35.0	26	34.0	38	44	49	815.79	300	815.79	300
30	70	35.0	32	30.5	38	44	49	688.14	302	771.60	302
40	73	42.5	26	32.0	48	44	49	712.92	040	712.92	040
40	85	42.5	32	32.0	48	44	49	558.41	400	558.41	400

Parting blade holders, height adjustable

- ▲ Vertical adjustment ± 1 mm
- ▲ Suitable for internal cooling through the parting blade
- ▲ Axially parallel, adjustable external coolant supply



DCONMS _{h6}	OAW	RADW	HF	h ₅	WF	LPR
mm	mm	mm	mm	mm	mm	mm
30	80	40	26	27	20	78
40	80	40	26	27	20	88
40	80	40	32	32	20	88

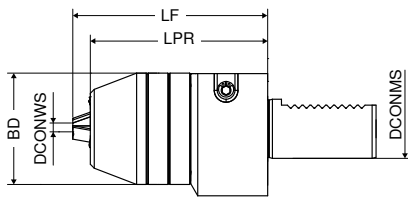
Universal Y8		Universal-overhead Y8	
Article no. 82 238 ...		Article no. 82 244 ...	
£		£	
1,096.08	300	1,096.08	300
1,216.17	400	1,216.17	400
1,216.17	402	1,216.17	402

Short drill chuck NC2010

- ▲ Coolant supply via 3 adjustable ball-shaped spray nozzles in the housing
- ▲ Independent of direction of rotation

Scope of supply:

Basic body including chuck key SW 4

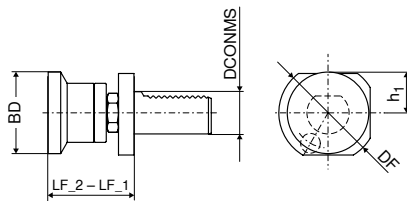


					Y8	
DCONMS _{h6}					Article no.	
					84 297 ...	
mm	mm	mm	mm	mm	£	
20	0,5 - 10	48.5	40	50	535.14	210 ¹⁾
30	0,5 - 13	56.5	90	99	539.23	313
30	2,5 - 16	56.5	90	99	572.21	316
40	0,5 - 13	56.5	90	99	539.23	413
40	2,5 - 16	56.5	90	99	572.21	416

1) Without Through Coolant

Material stops

- ▲ Revolving, length adjustable

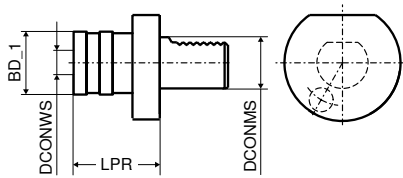


						Y8	
DCONMS _{h6}						Article no.	
						83 292 ...	
mm	mm	mm	h ₁ mm	mm	mm	£	
20	26	50	23.0	50	70	536.41	200 ¹⁾
20	32	50	23.0	50	70	572.16	201 ¹⁾
20	42	50	23.0	50	70	559.70	202 ¹⁾
30	32	68	28.0	62	95	385.33	300
30	42	68	28.0	62	95	385.33	301
30	58	68	28.0	62	95	392.81	302
40	32	83	32.5	62	95	424.17	400
40	42	83	32.5	62	95	424.17	401
40	58	83	32.5	62	95	424.17	402

1) Without VDI location

Quick-change tap chucks GSF

▲ LZD = Length compensation under tension and compression



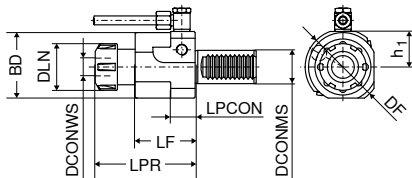
							Y8	Article no.
							83 307 ...	
DCONMS _{h6}	cutting range	SZID	DCONWS	BD_1	LPR	LZD±	£	
mm			mm	mm	mm	mm		
20	M3 - M12	01	19	38	55	9	594.58	112
25	M3 - M12	01	19	38	55	9	594.58	212
30	M3 - M12	01	19	38	55	9	455.84	312
40	M3 - M12	01	19	38	55	9	510.76	412
20	M6 - M20	02	31	55	77	15	649.48	120
25	M6 - M20	02	31	55	77	15	649.48	220
30	M6 - M20	02	31	55	77	15	602.42	320
40	M6 - M20	02	31	55	77	15	628.69	420

i Quick change adapters can be found on → **Page 219–223.**

Tap holders with length compensation GML

▲ LZD = Length compensation under tension and compression

▲ For ER collets with internal square ISO 15488-A (DIN 6499-A)

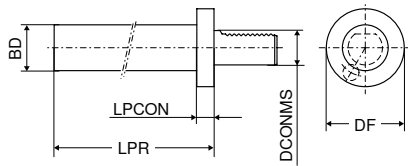


										Y8	Article no.
										83 290 ...	
DCONMS	DCONWS	DLN	BD	DF	h ₁	LPR	LF	LPCON	LZD	for collet	£
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		
20	0,5 - 10	28	45	50	23.0	65	40	18	6,0 / 1,5	4031E (ER16)	765.57
30	1 - 16	42	62	68	28.0	90	54	42	8,0 / 2,0	4282E (ER25)	769.18
40	1 - 16	42	62	83	32.5	85	49	42	8,0 / 2,0	4282E (ER25)	769.18

i ER collets can be found on → **Pages 208–213.**

Test arbors

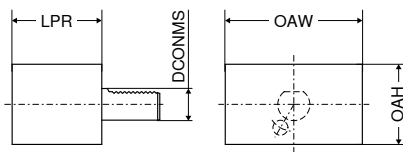
▲ Radial run-out ≤ 0.02 mm



DCONMS	BD _{h5}	DF	LPR	LPCON	Y8	
mm	mm	mm	mm	mm	Article no.	
16	30	40	120	15	83 324 ...	
20	40	50	150	15	£	
30	40	68	200	15	341.27	016
40	40	83	200	15	371.20	020
50	40	98	200	15	400.92	030
					423.07	040
					462.18	050

Tool holders, rough machined, rectangular

▲ Manufactured from C45

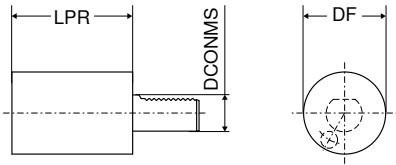


DCONMS _{h6}	LPR	OAW	OAH	Y8	
mm	mm	mm	mm	Article no.	
16	44	78	44	82 327 ...	
20	65	100	60	£	
25	75	100	60	160.67	160
30	85	130	76	278.26	200
40	100	151	96	218.63	250
50	125	160	120	279.29	300
				302.93	400
				422.31	500

Tool holders, rough machined, round

▲ Manufactured from C45

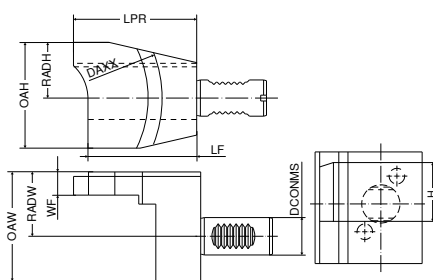
A2



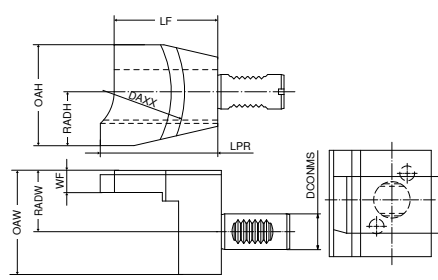
DCONMS _{h6}	LPR	DF	Y8	
			Article no. 82 330 ...	
mm	mm	mm	£	
16	60	40	115.78	160
20	70	50	101.00	200
25	80	58	158.50	250
25	200	58	182.16	253
30	100	68	118.34	300
30	240	68	143.71	303
40	120	83	138.68	400
40	320	83	209.38	403
50	135	98	194.72	500
50	400	98	314.37	502

Parting blade holder

▲ Doubles = reciprocally interlocked VDI shank



double – overhead



double



DCONMS	OAH	RADH	OAW	RADW	WF	LPR	LF	DAXX	H	double-overhead Y7		double Y7	
										Article no. 65 170 ...	£	Article no. 65 170 ...	£
20	94	47	95	60	15.5	85.5	75	176	26	1,181.53	040 ¹⁾	1,181.53	039 ¹⁾
25	73	39	72	43	15.5	85.0	75	176	26	1,181.53	042 ¹⁾	1,181.53	041 ¹⁾
25	73	39	72	43	15.5	85.0	75	176	32	1,181.53	044 ¹⁾	1,181.53	043 ¹⁾
30	100	50	95	60	15.5	85.5	75	176	26	1,181.53	046 ¹⁾	1,181.53	045 ¹⁾
30	100	50	95	60	15.5	85.5	75	176	32	1,181.53	048 ¹⁾	1,181.53	047 ¹⁾
40	100	50	95	60	15.5	85.5	75	176	26	1,274.11	050 ¹⁾	1,274.11	049 ¹⁾
40	100	50	95	60	15.5	85.5	75	176	32	1,274.11	052 ¹⁾	1,274.11	051 ¹⁾

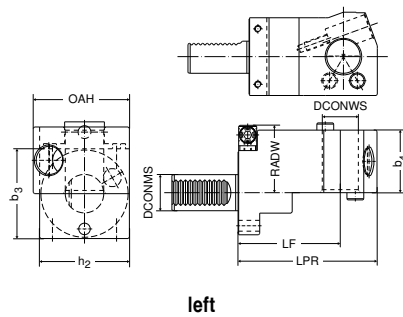
1) Not ex-stock



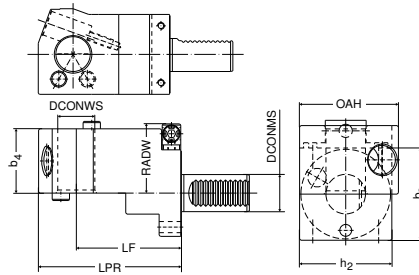
With star turrets, there is the danger of a collision for failure to comply to the machine-default nominal maximum height (LPR).

90° VDI to VDI adapter, double sided

▲ For rotating toolholder



left



right



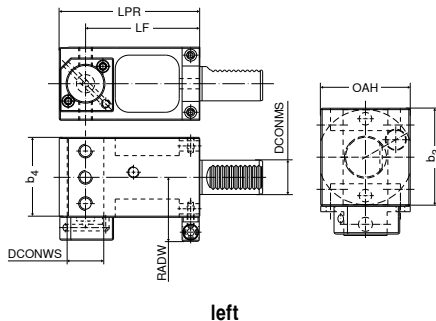
DCONMS	DCONWS	OAH	h ₂	b ₃	b ₄	RADW	LF	LPR	Left-hand		Right-hand	
									Y7	Article no.	Y7	Article no.
mm	mm	mm	mm	mm	mm	mm	mm	mm	65 170 ...	£	65 170 ...	£
25	20	60	54	60	44	48.0	75	100	889.05	012 ¹⁾	889.05	011 ¹⁾
25	25	63	54	60	44	48.0	75	100	889.05	014	889.05	013 ¹⁾
30	30	75	70	70	52	56.0	85	115	1,022.26	004	1,022.26	006 ¹⁾
30	30	75	70	70	52	56.0	100	130	1,053.99	003 ¹⁾	1,053.99	005
40	40	93	85	85	60	67.5	100	138	1,236.42	008	1,236.42	007
40	40	93	85	85	60	67.5	120	158	1,236.42	009	1,236.42	010 ¹⁾
50	50	109	90	100	72	73.5	120	165	1,447.78	002 ¹⁾	1,447.78	001 ¹⁾

1) Not ex-stock

i With star turrets, there is the danger of a collision for failure to comply to the machine-default nominal maximum height (LPR).

Boring bar holder with through coolant

- ▲ Delivered as left hand tool
- ▲ Can be re-assembled as right hand tool
- ▲ External coolant supply available



left



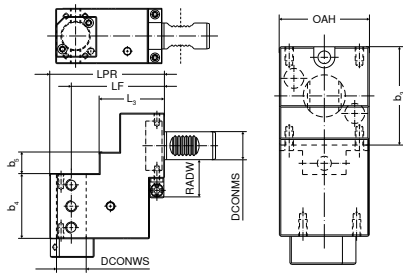
DCONMS	DCONWS	OAH	b ₃	b ₄	RADW	LF	LPR	right / left	
								Y7	Article no.
mm	mm	mm	mm	mm	mm	mm	mm	65 170 ...	£
25	25	54	60	60	48.0	75	97.5	704.29	065
30	32	64	70	70	56.0	85	108.0	825.28	062
30	32	64	70	70	56.0	100	123.0	857.17	063
40	40	76	85	85	67.5	100	132.0	1,036.65	067
40	40	76	85	85	67.5	120	152.0	1,071.49	068
50	50	85	100	100	73.5	120	160.0	1,236.42	066 ¹⁾

1) Not ex-stock

i With star turrets, there is the danger of a collision for failure to comply to the machine-default nominal maximum height (LPR).

Boring bar holder, with offset, with through coolant

- ▲ Doubles = reciprocally interlocked VDI shank
- ▲ External coolant supply available



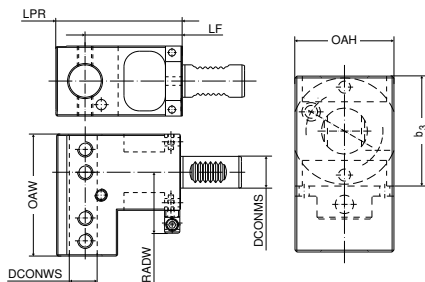
DCONMS	DCONWS	OAH	b ₃	b ₄	RADW	b ₅	LF	LPR	L ₃	double Y7 Article no. 65 170 ... £	
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		
25	25	54	60	60	48.0	20	75	97.5	48	1,059.92	069
30	32	64	70	70	56.0	30	100	123.0	70	1,239.39	070 ¹⁾
40	40	85	85	85	67.5	40	100	132.0	63	1,453.55	071 ¹⁾

1) Not ex-stock

i With star turrets, there is the danger of a collision for failure to comply to the machine-default nominal maximum height (LPR).

Double boring bar holder with through coolant

- ▲ Doubles = reciprocally interlocked VDI shank
- ▲ For use of two boring bars for main and sub-spindle machining
- ▲ External coolant supply available



DCONMS	DCONWS	OAH	b ₃	OAW	RADW	LF	LPR	double Y7 Article no. 65 170 ... £	
mm	mm	mm	mm	mm	mm	mm	mm		
25	25	54	60	96	48.0	75	97.5	1,193.33	080 ¹⁾
30	32	64	70	120	56.0	85	108.0	1,268.33	082 ¹⁾
30	32	64	70	120	56.0	100	123.0	1,268.33	083 ¹⁾
40	40	76	85	120	67.5	120	152.0	1,375.40	084

1) Not ex-stock

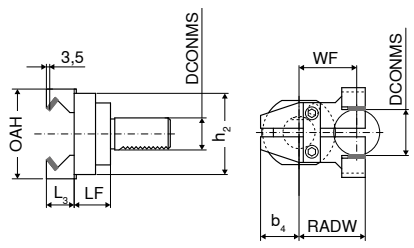
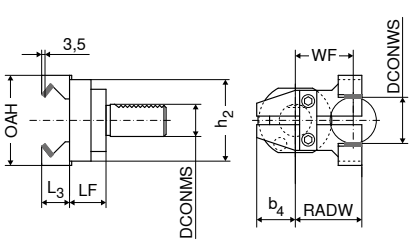
i With star turrets, there is the danger of a collision for failure to comply to the machine-default nominal maximum height (LPR).

Bar pullers for disc turrets, radial

- ▲ Two adjustable, spring-mounted, replaceable grippers are fitted to the main body. Each of these is equipped with a carbide insert. The grippers are set to a slightly smaller diameter than the bar and then pressed onto the bar in an axial direction (x axis) by the tool turret.
- ▲ GA = Gripper set

Scope of supply:

Bar puller incl. GA 1 for VDI 16, and GA 3 from VDI 20

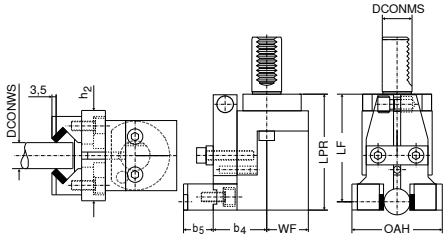
																							
left										right										Left-hand		Right-hand	
																				Y7		Y7	
DCONMS _{h6}										Article no.										80 309 ...		80 306 ...	
mm										£												£	
16																						1,654.11	
20																						1,954.96	
30																						1,954.96	
30																				1,954.96		300	
40																				2,735.61		400	

Bar pullers for star turrets

- ▲ Two adjustable, spring-mounted, replaceable grippers are fitted to the main body. Each of these is equipped with a carbide insert. The grippers are set to a slightly smaller diameter than the bar and then pressed onto the bar in an axial direction (x axis) by the tool turret.
- ▲ 90° angle head
- ▲ GA = Gripper set

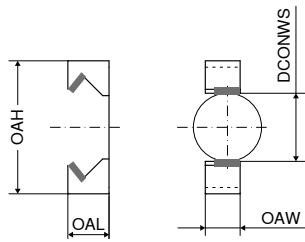
Scope of supply:

Bar puller with GA 3

																			
left																			
DCONMS _{h6}										Left-hand									
										Y7									
										Article no.									
										80 310 ...									
mm										£									
30																			
40																			

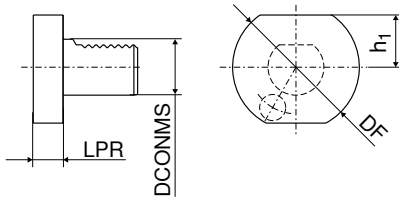
Gripper accessories

- ▲ For bar pullers 80 306 ... / 80 309 ... / 80 310 ...
▲ Price per pair

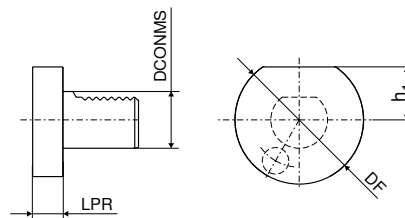


GA	DCONWS	OAL	OAW	OAH	Y7	
	mm	mm	mm	mm	Article no. 80 312 ...	
1	2 - 22	24.5	13	58	£ 357.81	022
3	2 - 42	26.0	22	86	£ 357.81	042
4	42 - 65	29.5	22	102	£ 478.77	065

Protection plugs



Steel



Plastic

Z2

Z2

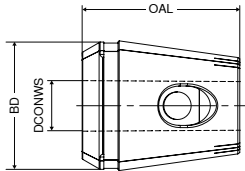


				Steel Y8		Plastic Y8	
				Article no. 82 317 ...		Article no. 83 318 ...	
DCONMS _{h8}	DF	h ₁	LPR	£		£	
16	40	18.0	16	35.06	160	29.30	160
20	50	23.0	16	69.61	200	11.88	200
25	58	25.0	16	53.00	250		
30	68	28.0	16	37.19	300	11.85	300
40	83	32.5	20	43.73	400	13.65	400
50	98	35.0	20	85.65	500	19.41	500

ER wedge collet with pull out protection, for precision collet chuck

- ▲ Similar to DIN ISO 15488-B
- ▲ Slotted
- ▲ Double taper collet

Centro-P WD	ER 5 µm
----------------	------------



BD = 32.7
OAL = 40
ER 32

Y8

Article no.
83 629 ...

DCONWS

mm	£	
12	171.42	120
14	171.42	140
16	171.42	160
18	171.42	180

Y8



Conical spring

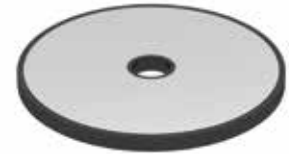
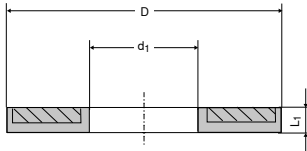
Spare parts DCONWS

12 - 18	CP 32	£	Article no.
		10.28	83 950 ...
			455

Sealing rings for precision collet chucks

- ▲ For sealing when using tools with internal cooling
- ▲ Sealing range: nominal diameter -0,1 mm / +0,4 mm
- ▲ Can be applied up to 80 bar

Centro-P



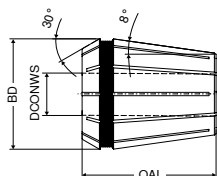
	D = 12.6 L ₁ = 2 426E (ER16)		D = 15.8 L ₁ = 2 428E (ER20)		D = 20.2 L ₁ = 2 430E (ER25)		D = 26.2 L ₁ = 2 444E / OZ (ER32)		D = 34.2 L ₁ = 2 472E (ER40)	
	Y8		Y8		Y8		Y8		Y8	
	Article no. 83 690 ...		Article no. 83 694 ...		Article no. 83 691 ...		Article no. 83 692 ...		Article no. 83 693 ...	
d ₁ mm	£		£		£		£		£	
1.0	27.52	010								
1.5	27.52	015								
2.0	25.06	020	28.15	020	25.06	020	30.49	020		
2.5	25.06	025	28.15	025	25.06	025	30.49	025		
3.0	23.86	030	21.76	030	23.86	030	24.84	030	29.73	030
3.5	23.86	035	21.76	035	23.86	035	24.84	035	29.73	035
4.0	23.86	040	21.76	040	23.86	040	24.84	040	29.73	040
4.5	23.86	045	21.76	045	23.86	045	24.84	045	29.73	045
5.0	23.86	050	21.76	050	23.86	050	24.84	050	29.73	050
5.5	23.86	055	21.76	055	23.86	055	24.84	055	29.73	055
6.0	23.86	060	21.76	060	23.86	060	24.84	060	29.73	060
6.5	23.86	065	21.76	065	23.86	065	24.84	065	29.73	065
7.0	23.86	070	21.76	070	23.86	070	24.84	070	29.73	070
7.5	23.86	075	21.76	075	23.86	075	24.84	075	29.73	075
8.0	23.86	080	21.76	080	23.86	080	24.84	080	29.73	080
8.5	23.86	085	21.76	085	23.86	085	24.84	085	29.73	085
9.0	23.86	090	21.76	090	23.86	090	24.84	090	29.73	090
9.5	23.86	095	21.76	095	23.86	095	24.84	095	29.73	095
10.0	23.86	100	21.76	100	23.86	100	24.84	100	29.73	100
10.5			21.76	105	23.86	105	24.84	105	29.73	105
11.0			21.76	110	23.86	110	24.84	110	29.73	110
11.5			21.76	115	23.86	115	24.84	115	29.73	115
12.0			21.76	120	23.86	120	24.84	120	29.73	120
12.5			21.76	125	23.86	125	24.84	125	29.73	125
13.0			21.76	130	23.86	130	24.84	130	29.73	130
13.5					23.86	135	24.84	135	29.73	135
14.0					23.86	140	24.84	140	29.73	140
14.5					23.86	145	24.84	145	29.73	145
15.0					23.86	150	24.84	150	29.73	150
15.5					23.86	155	24.84	155	29.73	155
16.0					23.86	160	24.84	160	29.73	160
16.5							24.84	165	29.73	165
17.0							24.84	170	29.73	170
17.5							24.84	175	29.73	175
18.0							24.84	180	29.73	180
18.5							24.84	185	29.73	185
19.0							24.84	190	29.73	190
19.5							24.84	195	29.73	195
20.0							24.84	200	29.73	200
20.5									29.73	205
21.0									29.73	210
21.5									29.73	215
22.0									29.73	220
22.5									29.73	225
23.0									29.73	230
23.5									29.73	235
24.0									29.73	240
24.5									29.73	245
25.0									29.73	250
25.5									29.73	255
26.0									29.73	260

Precision ER collet for precision collet chuck

- ▲ DIN ISO 15488-B (old DIN 6499-B)
- ▲ 12 times slotted
- ▲ Double taper collet
- ▲ Coloured ring as identification of precision collet
- ▲ ER08: 5 µm runout and repeatability

Centro-P
Coated

ER-B
2 µm



DCONWS	BD = 8.5 OAL = 13.6 4004 E / ER08		BD = 11.5 OAL = 18 4008 E / ER11		BD = 17 OAL = 27.5 426 E / ER16		BD = 26 OAL = 34 430 E / ER25		BD = 33 OAL = 40 470 E / ER32		BD = 41 OAL = 46 472 E / ER40	
	Y8		Y8		Y8		Y8		Y8		Y8	
	Article no. 84 577 ...		Article no. 84 585 ...		Article no. 84 596 ...		Article no. 84 597 ...		Article no. 84 598 ...		Article no. 84 599 ...	
mm	£		£		£		£		£		£	
1.0	94.45	010	91.31	010	89.74	010						
1.1					160.51	011						
1.2					160.51	012						
1.4					160.51	014						
1.5	94.45	015	91.31	015	89.74	015						
1.6					160.51	016						
1.8					160.51	018						
2.0	83.88	020	80.26	020	76.66	020	79.35	020	81.16	020		
2.2					142.48	022						
2.4					142.48	024						
2.5	83.88	025	80.26	025	76.66	025	79.35	025				
2.6					142.48	026						
2.8					142.48	028						
3.0	71.24	030	67.65	030	64.92	030 ¹⁾	66.74	030	67.65	030	99.17	030
3.2					126.26	032						
3.4					111.78	034						
3.5	71.24	035	67.65	035	82.66	035	86.59	035				
3.6					126.26	036						
3.8					126.26	038						
4.0	71.24	040	67.65	040	64.92	040 ¹⁾	66.74	040	67.65	040 ¹⁾	86.57	040
4.5	71.24	045	67.65	045	82.66	045	86.59	045				
5.0	71.24	050	67.65	050	64.92	050 ¹⁾	66.74	050	67.65	050	86.57	050
5.5			67.65	055	82.66	055	86.59	055				
5.6					126.26	056						
6.0			67.65	060	64.92	060 ¹⁾	66.74	060 ¹⁾	67.65	060 ¹⁾	86.57	060
6.3					126.26	063						
6.5			67.65	065	82.66	065	86.59	065				
7.0			67.65	070	64.92	070 ¹⁾	66.74	070	67.65	070	86.57	070
7.1					126.26	071						
7.5					82.66	075	86.59	075				
8.0					64.92	080 ¹⁾	66.74	080 ¹⁾	67.65	080 ¹⁾	86.57	080
8.5					82.66	085	86.59	085				
9.0					64.92	090	66.74	090	67.65	090	86.57	090
9.5					82.66	095	86.59	095				
10.0					64.92	100 ¹⁾	66.74	100 ¹⁾	67.65	100 ¹⁾	86.57	100
10.5							86.59	105				
11.0							66.74	110	67.65	110	86.57	110
11.5							86.59	115				
12.0							66.74	120 ¹⁾	67.65	120 ¹⁾	86.57	120
12.5							86.59	125				
13.0							66.74	130	67.65	130	86.57	130
13.5							86.59	135				
14.0							66.74	140 ¹⁾	67.65	140 ¹⁾	86.57	140
14.5							86.59	145				
15.0							66.74	150	67.65	150	86.57	150
15.5							86.59	155				
16.0							66.74	160 ¹⁾	67.65	160 ¹⁾	86.57	160
17.0									67.65	170	86.57	170
18.0									67.65	180	86.57	180
19.0									67.65	190	86.57	190
20.0									67.65	200 ¹⁾	86.57	200
21.0											86.57	210
22.0											86.57	220
23.0											86.57	230
24.0											86.57	240
25.0											86.57	250
26.0											86.57	260
Set in wooden box												
					418.42	999	505.01	999	580.75	999		

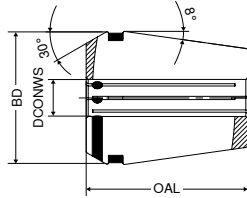
1) Included in the set

i Clamping range covered: H10 corresponding to shank Ø DCONWS

ER precision collet, sealed, for precision collet chuck

- ▲ Similar to DIN ISO 15488-A
- ▲ 8 slotted
- ▲ Coloured ring as identification of precision collet
- ▲ $p_{\max.} = 120$ bar

Centro-P Coated	ER-A 2 μm
--------------------	-------------------------

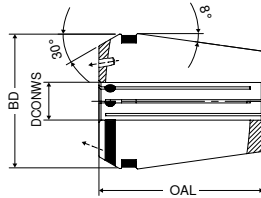


	BD = 11.3 OAL = 18 425 E / ER11		BD = 16.7 OAL = 27.5 425 E / ER16		BD = 25.7 OAL = 34 429 E / ER25		BD = 32.7 OAL = 40 469 E / ER32		BD = 40.7 OAL = 46 471 E / ER40	
	Y8		Y8		Y8		Y8		Y8	
DCONWS	Article no. 84 536 ...		Article no. 84 537 ...		Article no. 84 538 ...		Article no. 84 539 ...		Article no. 84 540 ...	
mm	£		£		£		£		£	
3	85.01	030	88.37	030	89.74	030	92.90	030		
4	85.01	040	88.37	040	93.79	040	85.01	040		
5	92.90	050	85.01	050	89.74	050	92.90	050		
6	85.01	060	88.37	060	93.79	060	85.01	060	97.61	060
7			85.01	070	89.74	070	92.90	070		
8			88.37	080	93.79	080	85.01	080	97.61	080
9			85.01	090	89.74	090	92.90	090		
10			88.37	100	93.79	100	85.01	100	97.61	100
11					89.74	110	92.90	110		
12					93.79	120	85.01	120	97.61	120
13					89.74	130	92.90	130		
14					93.79	140	85.01	140	97.61	140
15					89.74	150	92.90	150		
16					93.79	160	85.01	160	97.61	160
17							92.90	170		
18							85.01	180	97.61	180
19							92.90	190		
20							85.01	200	97.61	200
22									107.06	220
25									97.61	250

ER precision collet, sealed with coolant channels, for precision collet chuck

- ▲ Similar to DIN ISO 15488-A
- ▲ 8 slotted
- ▲ Coloured ring as identification of precision collet

Centro-P Coated	ER-A 2 µm
--------------------	--------------

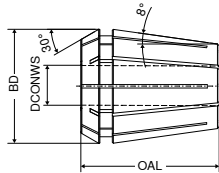


DCONWS	BD = 16.7 OAL = 27.5 425 E / ER16		BD = 25.7 OAL = 34 429 E / ER25		BD = 32.7 OAL = 40 469 E / ER32		BD = 40.7 OAL = 46 471 E / ER40	
	Y8 Article no. 84 548 ...		Y8 Article no. 84 549 ...		Y8 Article no. 84 550 ...		Y8 Article no. 84 551 ...	
mm	£		£		£		£	
4	116.50	040	124.37	040	129.09	040		
6	116.50	060	124.37	060	129.09	060		
8	116.50	080	124.37	080	129.09	080		
10			124.37	100	129.09	100	149.57	100
12			124.37	120	129.09	120	149.57	120
14			124.37	140	129.09	140		
16					129.09	160	149.57	160
18					129.09	180		
20					129.09	200	149.57	200
25							149.57	250

ER precision collet

- ▲ DIN ISO 15488-B (old DIN 6499-B)
- ▲ 12 times slotted
- ▲ Double taper collet

Coated
ER-B
5 µm



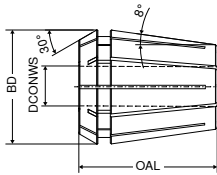
DCONWS	BD = 11.5 OAL = 18 4008 E / ER11		BD = 17 OAL = 27.5 426 E / ER16		BD = 21 OAL = 31.5 428 E / ER20		BD = 26 OAL = 34 430 E / ER25		BD = 33 OAL = 40 470 E / ER32		BD = 41 OAL = 46 472 E / ER40	
	Y8		Y8		Y8		Y8		Y8		Y8	
	Article no. 84 576 ...		Article no. 84 578 ...		Article no. 84 579 ...		Article no. 84 580 ...		Article no. 84 581 ...		Article no. 84 582 ...	
mm	£		£		£		£		£		£	
1.0	39.13	010	37.80	010	38.96	010 ¹⁾	41.11	010 ¹⁾				
1.5	39.13	015	37.80	015 ¹⁾	38.96	015 ¹⁾	41.11	015 ¹⁾				
2.0	39.13	020	37.80	020	38.96	020	41.11	020	43.42	020 ¹⁾		
2.5	39.13	025	37.80	025 ¹⁾	38.96	025 ¹⁾	41.11	025	43.42	025 ¹⁾		
3.0	31.70	030	29.89	030	30.87	030	31.70	030	33.85	030	58.61	030 ¹⁾
3.5	31.70	035										
4.0	31.70	040	29.89	040	30.87	040	31.70	040	33.85	040	43.75	040
4.5	31.70	045										
5.0	31.70	050	29.89	050	30.87	050	31.70	050	33.85	050	43.75	050
5.5	31.70	055										
6.0	31.70	060	29.89	060	30.87	060	31.70	060	33.85	060	43.75	060
6.5	31.70	065										
7.0	31.70	070	29.89	070	30.87	070	31.70	070	33.85	070	43.75	070
8.0			29.89	080	30.87	080	31.70	080	33.85	080	43.75	080
9.0			29.89	090	30.87	090	31.60	090	33.85	090	43.75	090
10.0			29.89	100	30.87	100	31.70	100	33.85	100	43.75	100
11.0					30.87	110	31.70	110	33.85	110	43.75	110
12.0					30.87	120	31.70	120	33.85	120	43.75	120
13.0					30.87	130	31.70	130	33.85	130	43.75	130
14.0							31.70	140	33.85	140	43.75	140
15.0							31.70	150	33.85	150	43.75	150
16.0							31.70	160	33.85	160	43.75	160
17.0									33.85	170	43.75	170
18.0									33.85	180	43.75	180
19.0									33.85	190	43.75	190
20.0									33.85	200	43.75	200
21.0											43.75	210
22.0											43.75	220
23.0											43.75	230
24.0											43.75	240
25.0											43.75	250
26.0											43.75	260
Set in wooden box	472.11	999	341.70	999	415.98	999	526.59	999	658.62	999	1,064.72	999

1) Not included in the set

i Clamping range covered: up to Ø 2 mm = 0.5 mm, from Ø 2.5 mm = 1 mm

ER collet

- ▲ DIN ISO 15488-B (old DIN 6499-B)
- ▲ 12 times slotted
- ▲ Double taper clamping

ER-B
10 µm

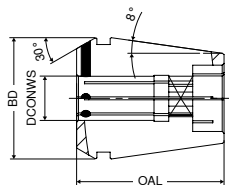
DCONWS	BD = 8.5 OAL = 13.6 4004 E / ER08		BD = 17 OAL = 27.5 426 E / ER16		BD = 26 OAL = 34 430 E / ER25		BD = 33 OAL = 40 470 E / ER32	
	Y8 Article no. 84 574 ...		Y8 Article no. 83 665 ...		Y8 Article no. 83 667 ...		Y8 Article no. 83 668 ...	
mm	£		£		£		£	
1.0	42.11	010 ¹⁾	35.71	010				
1.0								
1.5	42.11	015 ¹⁾	35.71	020	38.69	020		
2.0								
2.0	42.11	020 ¹⁾						
2.5	42.11	025 ¹⁾						
3.0	34.99	030 ¹⁾						
3.0			28.41	030	30.32	030	32.28	030
3.5	34.99	035 ¹⁾						
4.0	34.99	040 ¹⁾	28.41	040	30.32	040	32.28	040
4.0								
4.5	34.99	045 ¹⁾						
5.0	34.99	050 ¹⁾						
5.0			28.41	050	30.32	050	32.28	050
6.0			28.41	060	30.32	060	32.28	060
7.0			28.41	070	30.32	070	32.28	070
8.0			28.41	080	30.32	080	32.28	080
9.0			28.41	090	30.32	090	32.28	090
10.0			28.41	100	30.32	100	32.28	100
11.0					30.32	110	32.28	110
12.0					30.32	120	32.28	120
13.0					30.32	130	32.28	130
14.0					30.32	140	32.28	140
15.0					30.32	150	32.28	150
16.0					30.32	160	32.28	160
17.0							32.28	170
18.0							32.28	180
19.0							32.28	190
20.0							32.28	200
Set in wooden box	369.76	999 ¹⁾						

1) Type Coated - coated collet

i Clamping range covered: up to Ø 2 mm = 0.5 mm, from Ø 3 mm = 1 mm

ER precision tap collet

- ▲ Similar to DIN ISO 15488-A
- ▲ 8 slotted
- ▲ For Centro-P and standard collet chucks
- ▲ $p_{\max.} = 120$ bar

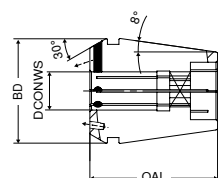
Coated ER-A
10 µm

DCONWS

mm	Y8	Y8	Y8
	Article no.	Article no.	Article no.
	84 531 ...	84 533 ...	84 534 ...
	£	£	£
2.8	82.60 028		
3.5	62.98 035	69.27 035	
4.0	62.98 040	69.27 040	85.25 040
4.5	62.98 045	69.27 045	85.25 045
6.0	62.98 060	69.27 060	85.25 060
7.0	62.98 070	69.27 070	85.25 070
8.0	62.98 080	69.27 080	85.25 080
9.0	62.98 090	69.27 090	85.25 090
10.0		69.27 100	85.25 100
11.0		69.27 110	85.25 110
12.0		69.27 120	85.25 120
14.0		69.27 140	85.25 140
16.0		69.27 160	85.25 160
18.0			85.25 180
20.0			85.25 200

ER precision collet, sealed with coolant channels

- ▲ Similar to DIN ISO 15488-A
- ▲ 8 slotted
- ▲ For Centro-P and standard collet chucks

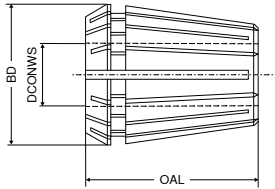
Coated ER-A
10 µm

DCONWS

mm	Y8	Y8	Y8
	Article no.	Article no.	Article no.
	84 567 ...	84 568 ...	84 569 ...
	£	£	£
3.5	114.26 035		
4.5	114.26 045	126.54 045	137.09 045
6.0	114.26 060	126.54 060	137.09 060
7.0	114.26 070	126.54 070	137.09 070
8.0	114.26 080	126.54 080	137.09 080
9.0		126.54 090	137.09 090
10.0		126.54 100	137.09 100
11.0		126.54 110	137.09 110
12.0		126.54 120	137.09 120
14.0		126.54 140	137.09 140
16.0			137.09 160
18.0			137.09 180
20.0			137.09 200

ER precision collet

- ▲ DIN ISO 15488-B (old DIN 6499-B)
- ▲ Double taper collet
- ▲ 16 times slotted

ER-B
20 µm

DCONWS mm	BD = 17 OAL = 27.5 426 E / ER16		BD = 21 OAL = 31.5 428 E / ER20		BD = 26 OAL = 34 430 E / ER25		BD = 33 OAL = 40 470 E / ER32		BD = 41 OAL = 46 472 E / ER40	
	Y8		Y8		Y8		Y8		Y8	
	Article no. 82 673 ...		Article no. 82 674 ...		Article no. 82 675 ...		Article no. 82 676 ...		Article no. 82 677 ...	
	£		£		£		£		£	
1	25.48	01000	24.89	01000 ¹⁾						
2	25.48	02000	24.89	02000 ¹⁾	25.67	02000 ¹⁾				
3	20.90	03000	16.85	03000	17.72	03000	19.18	03000	24.23	03000
4	20.90	04000	16.85	04000	17.72	04000	19.18	04000	24.23	04000
5	20.90	05000	16.85	05000	17.72	05000	19.18	05000	24.23	05000
6	20.90	06000	16.85	06000	17.72	06000	19.18	06000	24.23	06000
7	20.90	07000	16.85	07000	17.72	07000	19.18	07000	24.23	07000
8	20.90	08000	16.85	08000	17.72	08000	19.18	08000	24.23	08000
9	20.90	09000	16.85	09000	17.72	09000	19.18	09000	24.23	09000
10	20.90	10000	16.85	10000	17.72	10000	19.18	10000	24.23	10000
11			16.85	11000	17.72	11000	19.18	11000	24.23	11000
12			16.85	12000	17.72	12000	19.18	12000	24.23	12000
13			16.85	13000	17.72	13000	19.18	13000	24.23	13000
14					17.72	14000	19.18	14000	24.23	14000
15					17.72	15000	19.18	15000	24.23	15000
16					17.72	16000	19.18	16000	24.23	16000
17							19.18	17000	24.23	17000
18							19.18	18000	24.23	18000
19							19.18	19000	24.23	19000
20							19.18	20000	24.23	20000
21									24.23	21000
22									24.23	22000
23									24.23	23000
24									24.23	24000
25									24.23	25000
26									24.23	26000
Set in wooden box	335.27	99900	335.27	99900	335.27	99900	358.77	99900	564.29	99900

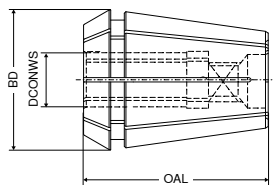
1) Not included in the set

i Clamping range covered: up to Ø 3 mm = 0.5 mm, from Ø 4 mm = 1 mm

ER collet with internal square

- ▲ DIN ISO 15488-A (old DIN 6499-A)
- ▲ 8 times slotted
- ▲ Double taper collets for holding taps on synchronised spindle machines, without compensating lengths

ER-A
15 µm



DCONWS

mm	BD = 25.7 OAL = 34 430 E / ER25	BD = 32.7 OAL = 40 470 E / ER32	BD = 40.7 OAL = 46 472 E / ER40
	Y8 Article no. 82 650 ...	Y8 Article no. 82 651 ...	Y8 Article no. 82 652 ...
	£	£	£
4.5	77.49 04500	85.09 04500	
5.5	77.49 05500	85.09 05500	
6.0	77.49 06000	85.09 06000	
7.0	77.49 07000	85.09 07000	100.05 07000
8.0	77.49 08000	85.09 08000	100.05 08000
9.0	77.49 09000	85.09 09000	100.05 09000
10.0	77.49 10000	85.09 10000	100.05 10000
11.0	77.49 11000	85.09 11000	100.05 11000
12.0	77.49 12000	85.09 12000	100.05 12000
14.0		85.09 14000	100.05 14000
16.0		85.09 16000	100.05 16000
18.0			100.05 18000
20.0			100.05 20000

Wooden boxes for collets

- ▲ For collets form A+B

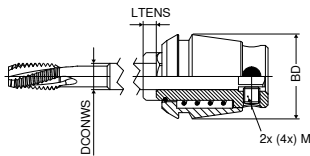


Size	Piece	Y8 Article no. 83 689 ...
		£
4004 E / ER08	9	27.54 008
4008 E / ER11	13	41.24 011
426 E / ER16	10	31.13 116
428 E / ER20	11	49.39 020
430 E / ER25	14	51.47 025
470 E / ER32	18	66.69 032
472 E / ER40	24	84.25 040

Tapping Collet Form ET (ER) with length compensation

- ▲ DIN ISO 15488 (old DIN 6499)
- ▲ With pull out length compensation (LTENS)
- ▲ The spring force is adapted to the thread size
- ▲ Anti-rotation by 2 and/or 4 clamping screws on the shank square drive

ER
10 µm



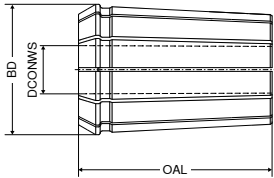
DCONWS	BD = 17 LTENS = 7 426 E / ER16		BD = 21 LTENS = 7 428 E / ER20		BD = 26 LTENS = 8 430 E / ER25		BD = 33 LTENS = 10 470 E / ER32		BD = 41 LTENS = 13 472 E / ER40	
	Y7		Y7		Y7		Y7		Y7	
	Article no.		Article no.		Article no.		Article no.		Article no.	
	80 661 ...		80 662 ...		80 663 ...		80 664 ...		80 665 ...	
mm	£		£		£		£		£	
2.2	217.03	022	217.03	022						
2.5	217.03	025	217.03	025	230.12	025				
2.8	217.03	028	217.03	028	230.12	028				
3.0	217.03	030	217.03	030	230.12	030				
3.5	217.03	035	217.03	035	230.12	035				
4.0	217.03	040	217.03	040	230.12	040				
4.5	217.03	045	217.03	045	230.12	045	244.93	045		
5.0							244.93	050		
5.5	217.03	055	217.03	055	230.12	055	244.93	055		
6.0	217.03	060	217.03	060	230.12	060	244.93	060	268.89	060
7.0			217.03	070	230.12	070	244.93	070	268.89	070
8.0					230.12	080	244.93	080	268.89	080
9.0					230.12	090	244.93	090	276.53	090
10.0					230.12	100	244.93	100	276.53	100
11.0							244.93	110	276.53	110
12.0							244.93	120	276.53	120
14.0									276.53	140
16.0									276.53	160

i When using CNC machines apply canned cycles with a feed rate or pitch of only 95 % with small threads and up to 99 % with large threads. In this way when reversing the rotation of the spindle an optimum length compensation in both directions is guaranteed.

OZ Precision collet for precision collet chuck

- ▲ DIN ISO 10897-B (old DIN 6388-B)
- ▲ $\varnothing = 10\text{ mm}$ 10 slots, $\varnothing > 10\text{ mm}$ 12 slots
- ▲ Double angle collets

OZ-B 3 μm	Centro-P
--	-----------------



BD = 35.05
OAL = 52
462 E / OZ

DCONWS

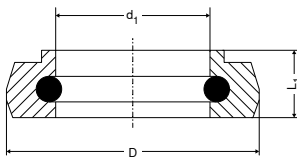
mm	£	Article no.
3	86.60	83 660 ...
4	86.60	030
6	86.60	040
8	86.60	060
10	86.60	080
12	86.60	100
14	86.60	120
16	86.60	140
18	86.60	160
20	86.60	180
25	86.60	200
	86.60	250

i Clamping range covered: H10 corresponding to shank $\varnothing$ DCONWS

Sealing ring for OZ Collet Chuck 462E

- ▲ For use for sealing tools with through coolant
- ▲ Seal diameter: Nominal diameter - 0.5 mm
- ▲ Use up to 150 bar

OZ-B 5 μm
--



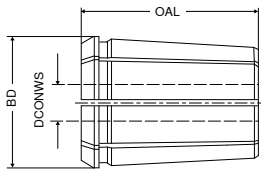
D = 31
L₁ = 4
462E

d ₁ mm	£	Article no.
4	37.12	83 675 ...
5	37.12	040
6	37.12	050
8	37.12	060
10	37.12	080
12	37.12	100
14	37.12	120
16	37.12	140
18	37.12	160
20	37.12	180
22	37.12	200
25	37.12	220
	37.12	250

OZ-collets

▲ DIN ISO 10897-B (old DIN 6388-B)

▲ Ø = 10 mm 10 slots, Ø > 10 mm 12 slots

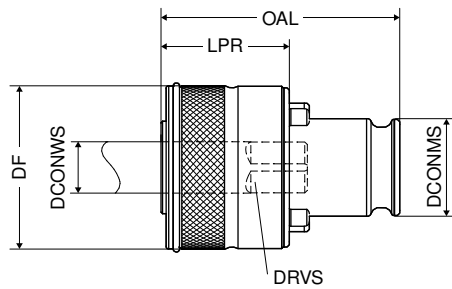


DCONWS	OZ-B 6 µm		OZ-B 6 µm		OZ-B 10 µm		OZ-B 20 µm		OZ-B 20 µm		OZ-B 20 µm	
	BD = 25.5 OAL = 40 415 E / OZ		BD = 35.05 OAL = 52 462 E / OZ		BD = 43.7 OAL = 60 467 E / OZ		BD = 25.5 OAL = 40 415 E / OZ		BD = 35.05 OAL = 52 462 E / OZ		BD = 43.7 OAL = 60 467 E / OZ	
	Y8 Article no. 83 651 ...		Y8 Article no. 83 652 ...		Y8 Article no. 83 653 ...		Y8 Article no. 82 653 ...		Y8 Article no. 82 654 ...		Y8 Article no. 82 655 ...	
mm	£		£		£		£		£		£	
2.0							36.55	02000	41.60	02000		
2.5							36.55	02500	41.60	02500		
3.0	52.19	030					30.06	03000	35.64	03000		
3.5							30.06	03500	35.64	03500		
4.0	52.19	040	61.39	040			30.06	04000	35.64	04000	56.07	04000
4.5							30.06	04500	35.64	04500	56.07	04500
5.0	52.19	050	61.39	050			30.06	05000	35.64	05000	56.07	05000
5.5							30.06	05500	35.64	05500	56.07	05500
6.0	52.19	060	61.39	060			30.06	06000	35.64	06000	56.07	06000
6.5							30.06	06500	35.64	06500	56.07	06500
7.0							30.06	07000	35.64	07000	56.07	07000
7.5							30.06	07500	35.64	07500	56.07	07500
8.0	52.19	080	61.39	080			30.06	08000	35.64	08000	56.07	08000
8.5							30.06	08500	35.64	08500	56.07	08500
9.0							30.06	09000	35.64	09000	56.07	09000
9.5							30.06	09500	35.64	09500	56.07	09500
10.0	52.19	100	61.39	100	80.38	100	30.06	10000	35.64	10000	56.07	10000
10.5							30.06	10500	35.64	10500	56.07	10500
11.0							30.06	11000	35.64	11000	56.07	11000
11.5							30.06	11500	35.64	11500	56.07	11500
12.0	52.19	120	61.39	120	80.38	120	30.06	12000	35.64	12000	56.07	12000
12.5							30.06	12500	35.64	12500	56.07	12500
13.0							30.06	13000	35.64	13000	56.07	13000
13.5							30.06	13500	35.64	13500	56.07	13500
14.0			61.39	140	80.38	140	30.06	14000	35.64	14000	56.07	14000
14.5							30.06	14500	35.64	14500	56.07	14500
15.0							30.06	15000	35.64	15000	56.07	15000
15.5							30.06	15500	35.64	15500	56.07	15500
16.0	52.19	160	61.39	160	80.38	160	30.06	16000	35.64	16000	56.07	16000
16.5									35.64	16500	56.07	16500
17.0									35.64	17000	56.07	17000
17.5									35.64	17500	56.07	17500
18.0			61.39	180	80.38	180			35.64	18000	56.07	18000
18.5									35.64	18500	56.07	18500
19.0									35.64	19000	56.07	19000
19.5									35.64	19500	56.07	19500
20.0			61.39	200	80.38	200			35.64	20000	56.07	20000
20.5									35.64	20500	56.07	20500
21.0									35.64	21000	56.07	21000
21.5									35.64	21500	56.07	21500
22.0									35.64	22000	56.07	22000
22.5									35.64	22500	56.07	22500
23.0									35.64	23000	56.07	23000
23.5									35.64	23500	56.07	23500
24.0									35.64	24000	56.07	24000
24.5									35.64	24500	56.07	24500
25.0			61.39	250	80.38	250			35.64	25000	56.07	25000
25.5											56.07	25500
26.0											56.07	26000
26.5											56.07	26500
27.0											56.07	27000
27.5											56.07	27500
28.0											56.07	28000
28.5											56.07	28500
29.0											56.07	29000
29.5											56.07	29500
30.0					80.38	300					56.07	30000
30.5											56.07	30500
31.0											56.07	31000
31.5											56.07	31500
32.0					80.38	320					56.07	32000

i The collet has a clamping range of 0.5 mm (+0.1 / -0.4 mm)

Quick change tap adapter with overload clutch

- ▲ Adapter with adjustable overload clutch
- ▲ For use with taps



A

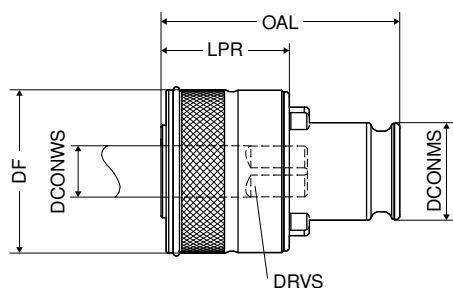
Y8

SZID	DCONWS	DRVS	DIN 371	DIN 374 / 376	DF	DCONMS	OAL	LPR	Article no. 83 612 ...	£	
	mm	mm			mm	mm	mm	mm			
01	2.8	2.1	M2		33	19	46.5	25	100.22		100
01	2.8	2.1	M2,5		33	19	46.5	25	100.22		101
01	3.5	2.7	M3		33	19	46.5	25	100.22		102
01	4.0	3.0	M3,5		33	19	46.5	25	100.22		103
01	4.5	3.4	M4		33	19	46.5	25	100.22		104
01	6.0	4.9	M4,5		33	19	46.5	25	100.22		105
01	6.0	4.9	M5		33	19	46.5	25	100.22		106
01	4.5	3.4		M6	33	19	46.5	25	100.22		107
01	6.0	4.9	M6		33	19	46.5	25	100.22		108
01	5.5	4.3		M7	33	19	46.5	25	100.22		109
01	7.0	5.5	M7		33	19	46.5	25	100.22		110
01	6.0	4.9		M8	33	19	46.5	25	100.22		111
01	8.0	6.2	M8		33	19	46.5	25	100.22		112
01	9.0	7.0	M9		33	19	46.5	25	100.22		113
01	7.0	5.5		M10	33	19	46.5	25	100.22		114
01	10.0	8.0	M10		33	19	46.5	25	100.22		115
01	8.0	6.2		M11	33	19	46.5	25	100.22		116
01	9.0	7.0		M12	33	19	46.5	25	100.22		117
02	6.0	4.9	M4,5 - M6		50	31	69.0	34	131.19		200
02	6.0	4.9	M7 (DIN 352)		50	31	69.0	34	131.19		201
02	7.0	5.5	M7		50	31	69.0	34	131.19		202
02	6.0	4.9		M8	50	31	69.0	34	131.19		203
02	8.0	6.2	M8		50	31	69.0	34	131.19		204
02	9.0	7.0	M9		50	31	69.0	34	131.19		205
02	7.0	5.5		M10	50	31	69.0	34	131.19		206
02	10.0	8.0	M10		50	31	69.0	34	131.19		207
02	8.0	6.2		M11	50	31	69.0	34	131.19		208
02	9.0	7.0		M12	50	31	69.0	34	131.19		209
02	11.0	9.0		M14	50	31	69.0	34	131.19		210
02	12.0	9.0		M16	50	31	69.0	34	131.19		211
02	14.0	11.0		M18	50	31	69.0	34	131.19		212
02	16.0	12.0		M20	50	31	69.0	34	131.19		213

Quick change tap adapter with overload clutch, with through coolant

▲ Adapter with adjustable overload clutch

▲ For use with taps



AD

Y8

Article no.
83 616 ...

SZID	DCONWS	DRVS	DIN 371	DIN 374 / 376	DF	DCONMS	OAL	LPR		
	mm	mm			mm	mm	mm	mm		
01	3.5	2.7	M3	M4,5 - M5	33	19	46.5	25		
01	4.5	3.4	M4	M6	33	19	46.5	25		
01	5.5	4.3		M7	33	19	46.5	25		
01	6.0	4.9	M4,5 - M6	M8	33	19	46.5	25		
01	7.0	5.5	M7	M10	33	19	46.5	25		
01	8.0	6.2	M8	M11	33	19	46.5	25		
01	9.0	7.0	M9	M12	33	19	46.5	25		
01	10.0	8.0	M10		33	19	46.5	25		
01	11.0	9.0		M14	33	19	46.5	25		
02	6.0	4.9	M4,5 - M6	M8	50	31	69.0	34		
02	7.0	5.5	M7	M10	50	31	69.0	34		
02	8.0	6.2	M8	M11	50	31	69.0	34		
02	9.0	7.0	M9	M12	50	31	69.0	34		
02	10.0	8.0	M10		50	31	69.0	34		
02	11.0	9.0		M14	50	31	69.0	34		
02	12.0	9.0	M12	M16	50	31	69.0	34		
02	14.0	11.0		M18	50	31	69.0	34		
02	16.0	12.0		M20	50	31	69.0	34		

£

166.92

100

166.92

102

166.92

104

166.92

106

166.92

108

166.92

110

166.92

112

166.92

114

166.92

116

202.64

200

202.64

202

202.64

204

202.64

206

202.64

208

202.64

210

202.64

212

202.64

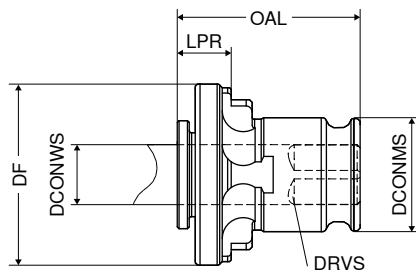
214

202.64

216

Quick change tap adapter

- ▲ Normal version without overload clutch
- ▲ For mounting taps
- ▲ For right-hand and left-hand threads



A

Y8

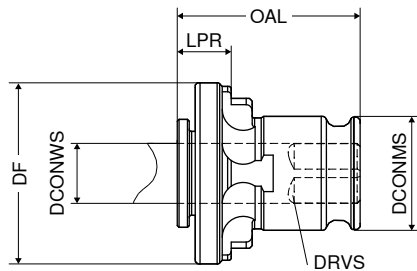
Article no.
83 610 ...

£

SZID	DCONWS	DRVS	DIN 371	DIN 374 / 376	DF	DCONMS	OAL	LPR		
	mm	mm			mm	mm	mm	mm		
01	3.5	2.7	M3		30	19	28.5	7	38.36	100
01	4.5	3.4	M4		30	19	28.5	7	38.36	101
01	4.0	3.0	M3,5		30	19	28.5	7	38.36	102
01	2.8	2.1	M2 - M2,6		30	19	28.5	7	38.36	103
01	5.5	4.3		M7	30	19	28.5	7	38.36	104
01	6.0	4.9	M4,5 - M6	M8	30	19	28.5	7	38.36	105
01	7.0	5.5	M7	M10	30	19	28.5	7	38.36	106
01	8.0	6.2	M8	M11	30	19	28.5	7	38.36	107
01	9.0	7.0	M9	M12	30	19	28.5	7	38.36	108
01	10.0	8.0	M10		30	19	28.5	7	38.36	109
01	11.0	9.0		M14	30	19	28.5	7	38.36	110
02	6.0	4.9	M4,5 - M6		46	31	46.0	11	52.75	200
02	7.0	5.5	M7		46	31	46.0	11	52.75	201
02	8.0	6.2	M8		46	31	46.0	11	52.75	202
02	9.0	7.0	M9		46	31	46.0	11	52.75	203
02	10.0	8.0	M10		46	31	46.0	11	52.75	204
02	11.0	9.0		M14	46	31	46.0	11	52.75	205
02	12.0	9.0		M16	46	31	46.0	11	52.75	206
02	14.0	11.0		M18	46	31	46.0	11	52.75	207
02	16.0	12.0		M20	46	31	46.0	11	52.75	208
02	18.0	14.5		M22 - M24	46	31	46.0	11	52.75	209

Quick change tap adapter, with through coolant

- ▲ Normal version without overload clutch
- ▲ For mounting taps
- ▲ For right-hand and left-hand threads



AD

Y8

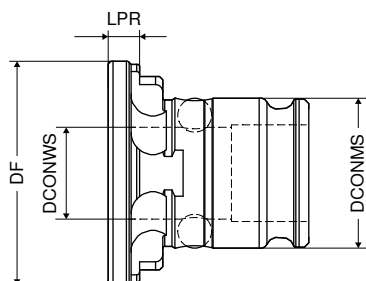
Article no.
83 614 ...

£

SZID	DCONWS	DRVS	DIN 371	DIN 374 / 376	DF	DCONMS	OAL	LPR		
	mm	mm			mm	mm	mm	mm		
01	3.5	2.7		M4,5 - M5	30	19	28.5	7	76.56	100
01	4.5	3.4	M4	M6	30	19	28.5	7	76.56	102
01	5.5	4.3		M7	30	19	28.5	7	76.56	104
01	6.0	4.9	M4,5 - M6	M8	30	19	28.5	7	76.56	106
01	7.0	5.5		M7	30	19	28.5	7	76.56	108
01	8.0	6.2	M8	M11	30	19	28.5	7	76.56	110
01	9.0	7.0	M9	M12	30	19	28.5	7	76.56	112
01	10.0	8.0	M10		30	19	28.5	7	76.56	114
02	6.0	4.9	M4,5 - M6	M8	46	31	46.0	11	100.22	200
02	7.0	5.5	M7	M10	46	31	46.0	11	100.22	202
02	8.0	6.2	M8	M11	46	31	46.0	11	100.22	204
02	9.0	7.0	M9	M12	46	31	46.0	11	100.22	206
02	10.0	8.0	M10		46	31	46.0	11	100.22	208
02	11.0	9.0		M14	46	31	46.0	11	100.22	210
02	12.0	9.0	M12	M16	46	31	46.0	11	100.22	212
02	14.0	11.0		M18	46	31	46.0	11	100.22	214
02	16.0	12.0		M20	46	31	46.0	11	100.22	216

Reducing adapter for quick change adapters

- ▲ Reducing adapter for reducing size 02 to 01. In this way the clamping ranges can be extended to smaller sizes.



AD

Y8

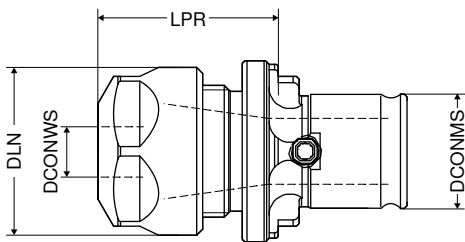
Article no.
83 624 ...

£

SZID	DF	DCONMS	DCONWS	LPR		
	mm	mm	mm	mm		
02	46	31	19	8.5	118.10	200

Quick change tap adapters

▲ Adapters for collets ER 16 / ER 25



AD

Y8

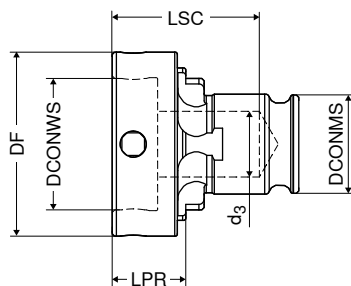
Article no.
83 618 ...

£

SZID	DCONWS	DLN	DCONMS	LPR	for collet		
	mm	mm	mm	mm			
01	1 - 10	28	19	29.5	ER 16	162.12	010
02	2 - 16	42	31	38.5	ER 25	228.63	016

Quick change adapter for dies

▲ For mounting dies according to DIN 223



A

Y8

Article no.
83 622 ...

£

SZID	for size	cutting range	DF	DCONMS	DCONWS	LPR	d ₃	LSC		
			mm	mm	mm	mm	mm	mm		
01	16 x 5	M1 - M4	25	19	16	9	12.5	23	164.44	116
01	20 x 5	M3 - M4	30	19	20	9	12.5	23	220.12	120
01	20 x 7	M4,5 - M6	30	19	20	11	12.5	25	153.27	121
01	25 x 9	M7 - M9	35	19	25	14	12.5	28	220.12	125
01	30 x 11	M10 - M11	40	19	30	16	12.5	30	220.12	130
01	38 x 10	M12x1 - M15x1,5	48	19	38	15	14.2	29	220.12	138
01	38 x 14	M12 - M14	48	19	38	19	14.2	33	153.27	139
02	20 x 5	M3 - M4	30	31	20	22	15.0	57	231.11	220
02	20 x 7	M4,5 - M6	30	31	20	22	15.0	57	215.28	221
02	25 x 9	M7 - M9	35	31	35	22	15.0	57	215.28	225
02	30 x 11	M10 - M11	40	31	30	22	22.0	57	215.28	230
02	38 x 10	M12x1 - M15x1,5	48	31	38	22	22.0	57	231.11	238
02	38 x 14	M12 - M14	48	31	38	25	22.0	60	215.28	239
02	45 x 14	M16x1 - M20x2	57	31	45	29	22.0	64	231.11	245
02	45 x 14	M16 - M20	57	31	45	29	22.0	64	215.28	246

Driven Tools

CERATIZIT offers an extensive range of driven tool holders to suit the turrets and machines of the leading manufacturers. There are virtually no limits to the types available. Below is a small selection of our holder portfolio.

Examples from our driven tooling range



Axial drilling and milling head



Radial drilling and milling head



Double radial drilling and milling head



Rear offset radial drilling and milling head



Double axial drilling and milling head



Offset axial drilling and milling head



Swivel head



Modular milling

Summary of machine turret manufacturers and interfaces for which CERATIZIT can supply driven tools

- | | | | |
|--------------|-----------|--------------------------|-----------------|
| ▲ Sauter | ▲ DIN1809 | ▲ Baruffaldi Toem | ▲ BMT (bolt on) |
| ▲ Baruffaldi | ▲ DIN5480 | ▲ Bevel gear milling | |
| ▲ Diplomatic | ▲ DIN5482 | ▲ Spline / tooth milling | |

Technical Advice

Are you interested in our driven tools ? If so please contact your technical sales engineer who will be glad to assist you. Alternatively, you can contact our office based internal technical sales engineers who can be reached on our freephone number.

Enquiry Form

Should you have questions about driven tools you can find a detailed questionnaire on our website in the download area. Carefully complete the form and send it via e-mail or printed fax.

Modular quick-change system for driven tools

You want to optimize your setup time? CERATIZIT offers you several options!
With each axial and radial driven tool you are prepared through the exchange of different modules for different machining demands.

Varia VX

The new quick change system for heavy duty machining

The face & taper contact interface ensures maximum concentricity.
The torque is transmitted via a form-fitting polygon, which can transmit up to 200 Nm.

Clamping and releasing takes place via a segmented gear wheel equipped with 3 multifunctional cams. When tightened with a radially mounted clamping screw, the 3-point clamping pulls the tool evenly into its operating position. When releasing the tool force is applied mechanically via a sliding cam and the tool is released for removal from the adapter.



The advantages at a glance

- ▲ Cutting tools are preset off the machine
- ▲ Quick change thanks to only one clamping point
- ▲ No risk of injury when changing tools
- ▲ Transverse force-free clamping of the tools
- ▲ Safe torque transmission
- ▲ No loose parts



System Preci-Flex® – The stable solution for long tool life and high surface quality

The internal cone of the driven tool is suitable for any commercial type ER collets. Through taper & face contact ≤ 0.01 mm system concentricity and ≤ 0.005 mm repeatability is achieved and four plane-side clamp screws achieve maximum system stability and rigidity.



The program includes base holders for the collet sizes ER20, ER25, ER32, ER40 and ER50 and collet holders with male or female nut, adapters Weldon, Whistle Notch, shrink, boring bars, Shell mill arbors, hydraulic chucks, Test arbors and blanks.
Also available for static VDI holders and rotating SK and HSK holders.

Solidfix® – The quick way to change (≤ 20 seconds), a module

Solidfix® Modules can be mounted with one hand. Simply insert the module, so that twisting the security bayonet retains the module. Tighten with an allen-key through 180 ° rotation.

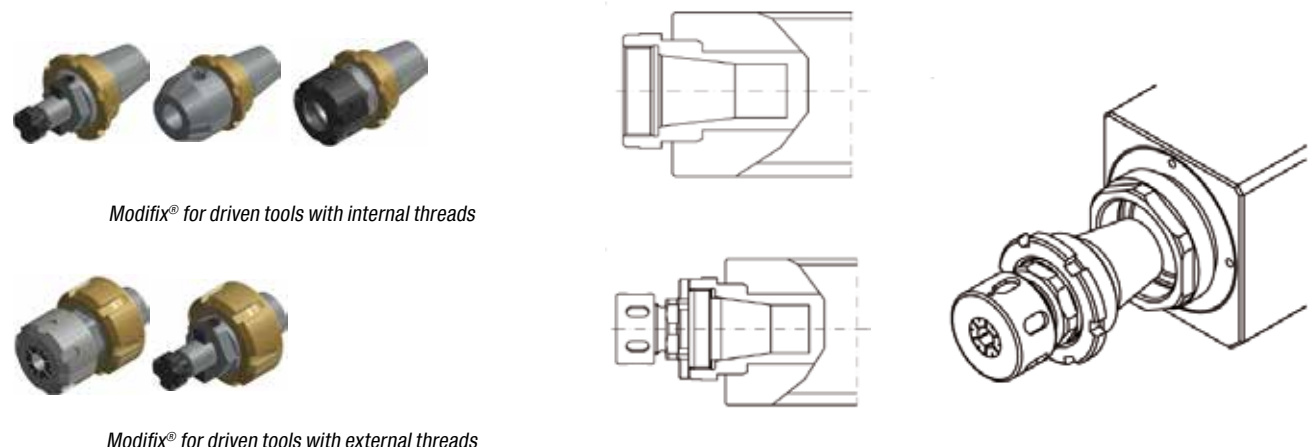
Through centering taper and large square face a concentricity of ≤ 0.005 mm is obtained at 30 mm distance from the end face.



The program includes basic holders in accordance with the collet sizes ER11M, ER16M, ER20, ER25, ER32 and ER40 and collet holders with male or female nut, Weldon, Whistle Notch, shrink, boring adapters, Shell mill arbors, hydraulic chucks, control pins, blanks and plugs. Also available for static VDI holders and rotating SK and HSK holders.

Modifix® – The universal solution for driven standard collet chucks

Modifix® adapters are available for both collet chucks with internal and external locknut. You use your existing collet holder driven units and only require the relevant Modifix® adapter. It offers high flexibility and low investment.



Modifix® for driven tools with internal threads

Modifix® for driven tools with external threads

The program includes adapters for the collet sizes ER20, ER25, ER32 and ER40. Collet holders, Weldon tool holders and Shell mill arbors are available.

Quick-Change



The tool holder range comprises both innovative and technologically proven solutions for all common CNC turning centres. We offer solutions that are perfectly tailored to the make of machine, regardless of whether the machine has a BMT, VDI or other connection type.

Every Quick-Change system has a standardised interface to DIN/ISO requirements and is available for HSK-T 40/63/100 and PSC 40/50/63 sizes. The tool change itself is carried out quickly and easily, minimising idle times and thus boosting productivity.



Tool holder single and straight



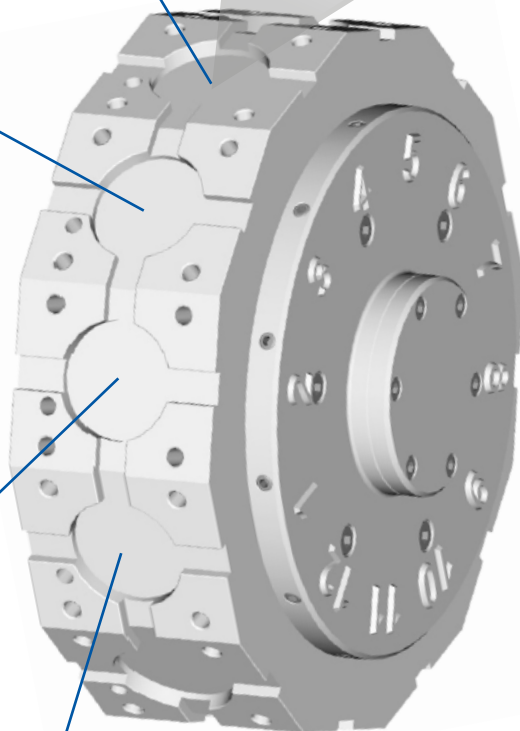
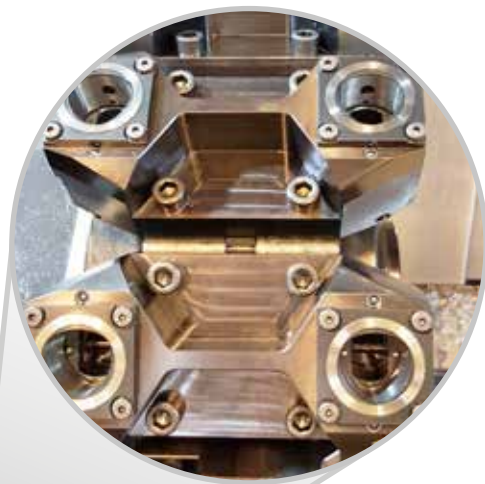
Tool holder double and straight



Single angle tool holder



Double angle tool holder



Turret BMT/VDI/...

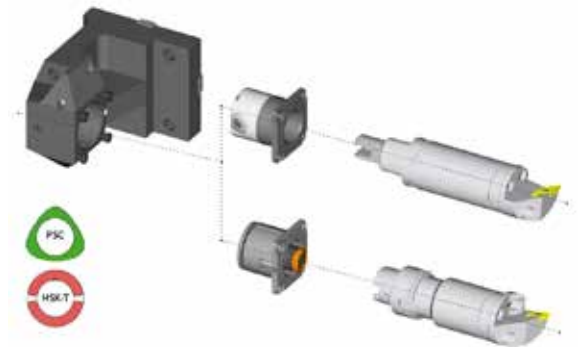
HSK/PSC clamping units



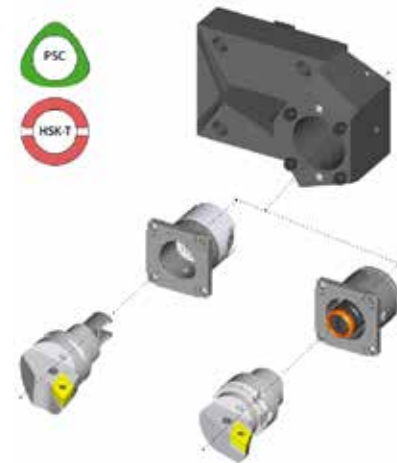
The tool holders are fitted with either an HSK or PSC clamping unit.



Clamping units are available in sizes HSK 40/63/100 and PSC 40/50/63.

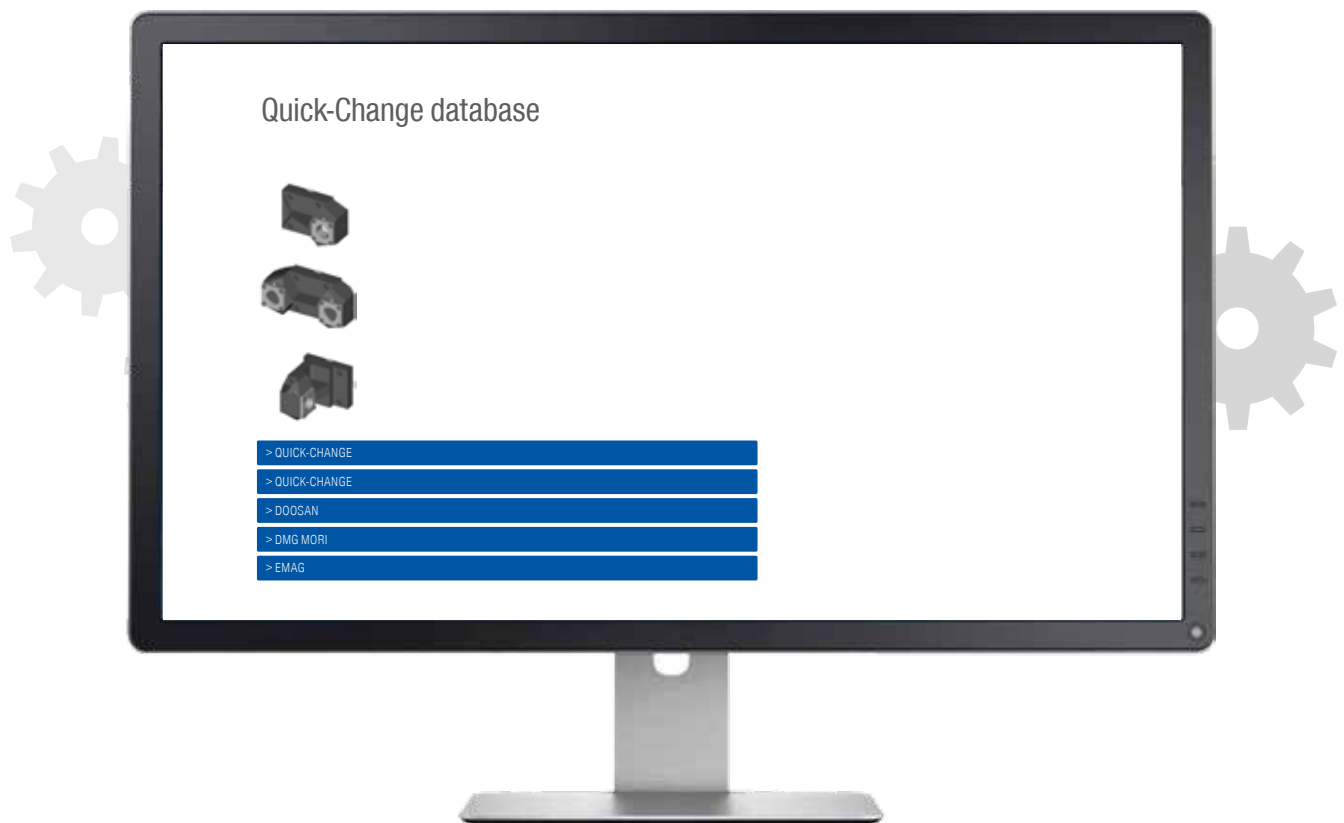


The toolholders permit the flexibility to be adapted to the customer's requirements.



Online database

Our Quick-Change tool holders are individually adapted to turning machines to ensure the greatest-possible levels of flexibility and efficiency. Using the online database, systems of previously specified machine types can be evaluated in order to obtain an initial overview.



Information on enquiry process

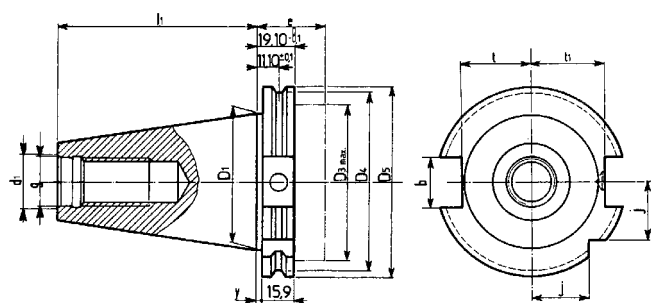
To make the enquiry process as easy as possible, please use our enquiry form to enter the most important machine data and information on the machining process. Please fill in this form carefully and send it to us via email or fax.

→ [cutting.tools/en/download](https://cuttingtools.ceratizit.com/en/download)

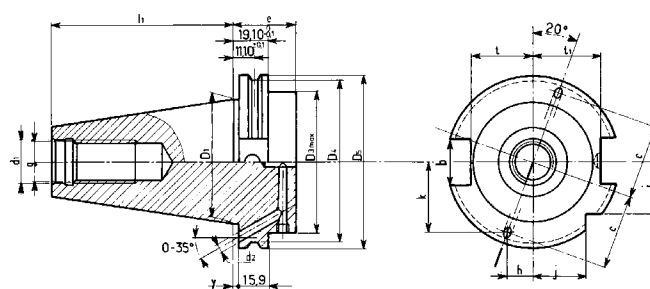
If you have any questions regarding the ordering process or the form itself, your Technical Sales Engineer will be happy to help.

Technical data for steep taper tools

DIN 69871 Form A

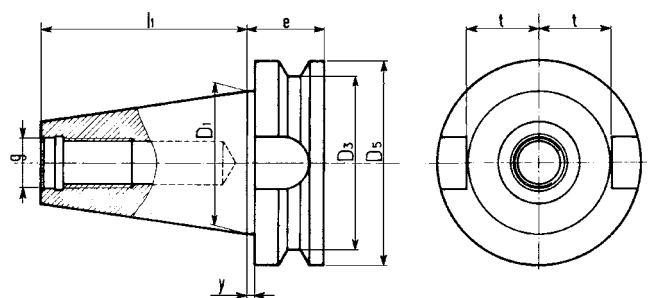


DIN 69871 Form B



	D ₁ mm	D _{3 max} mm	D ₄ mm	D ₅ mm	$l_{1,0}^{+0,2}$ mm	g	d ₁ H7 mm	e mm	y ±0,1 mm	t mm	t ₁ mm	j mm	d ₂ mm	h mm	k mm	c mm	b mm
SK 30	31,75	45	44,30	50	47,8	M 12	13	35	3,2	16,4	19	15					16,1
SK 40	44,45	50	56,25	63,55	68,4	M 16	17	35	3,2	22,8	25	18,5	4	9,2	25,4	27	16,1
SK 50	69,85	80	91,25	97,5	101,75	M 24	25	35	3,2	35,5	37,7	30	6	14,4	39,5	42	25,7

MAS-BT



i Maximum recommended rpm for steep taper toolholders:

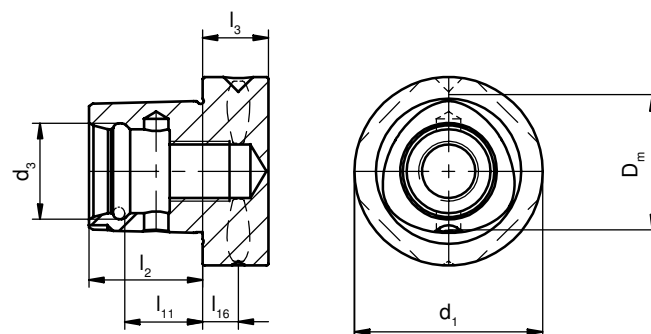
SK / BT 30 to 20,000 ¹/_{min.}

SK / BT 40 to 20,000 ¹/_{min.}

SK / BT 50 to 16,000 ¹/_{min.}

	D ₁ mm	D ₃ mm	D ₅ mm	l ₁ mm	g	e mm	t mm	y mm	b mm
BT 30	31,75	38	46	48,4	M 12	22	16,3	2	16,1
BT 40	44,45	53	63	65,4	M 16	27	22,5	2	16,1
BT 50	69,85	85	100	101,8	M 24	38	35,3	3,2	25,7

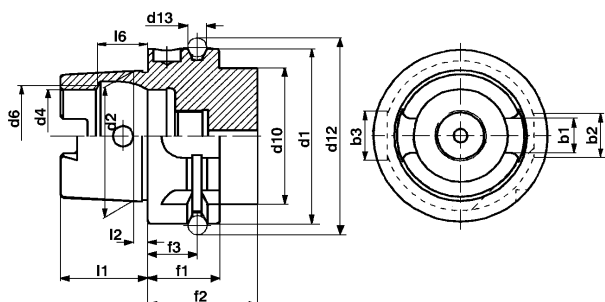
Technical Data for Polygon shank adapters



Shank size	d ₁ mm	d ₃ ±0,05 mm	l ₂ ±0,1 mm	l ₃ mm	l ₁₁ ±0,1 mm	l ₁₆ mm	D _m mm
32	32	16,5	19	15	13,5	9	22
40	40	20	24	20	17,5	12	28
50	50	24	30	20	22	12	35
63	63	32	38	22	26	12	44
80	80	38	48	30	34	12	55

Technical Data for HSK Adapters

HSK DIN 69893 A+C



i Maximum rpm recommended for HSK adapters:

HSK-A 32 to 50.000 $1/\text{min.}$
 HSK-A 40 to 42.000 $1/\text{min.}$
 HSK-A 50 to 30.000 $1/\text{min.}$
 HSK-A 63 to 25.000 $1/\text{min.}$
 HSK-A 100 to 16.000 $1/\text{min.}$

	b ₁ mm	b ₂ mm	b ₃ mm	d ₁ mm	d ₂ mm	d ₄ mm	d ₆ mm	d ₁₀ mm	d ₁₂ mm	d ₁₃ mm	f ₁ mm	f ₂ mm	f ₃ mm	l ₁ mm	l ₂ mm	l ₆ mm
HSK 32	7,05	7	9	32	24	17	19	26	37	4	20	35	16	16	3,2	8,92
HSK 40	8,05	9	11	40	30	21	23	34	45	4	20	35	16	20	4	11,42
HSK 50	10,54	12	14	50	38	26	29	42	59,3	7	26	42	18	25	5	14,13
HSK 63	12,54	16	18	63	48	34	37	53	72,3	7	26	42	18	32	6,3	18,13
HSK 100	20,02	20	22	100	75	53	58	88	109,75	7	29	45	20	50	10	28,56

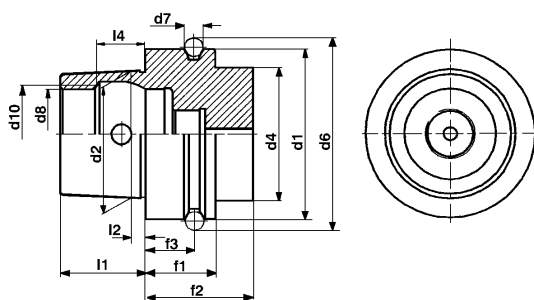
DIN 69893 Form A

- ▲ Applied for machining centres, milling and special machines with automatic tool change
- ▲ **Central axial coolant supply via the coolant pipe**
- ▲ Torque transmission via 2 driving grooves at the taper end
- ▲ 2 grooves on the flange for the tool magazine, positioning notch, bore for data storage medium
DIN 69873 in the flange

DIN 69893 Form C

- ▲ Applied for machine spindles without automatic tool change as well as tool extensions and reducers
- ▲ **Central axial coolant supply via the coolant pipe**
- ▲ Torque transmission via 2 driving grooves at the taper end

HSK DIN 69893 E



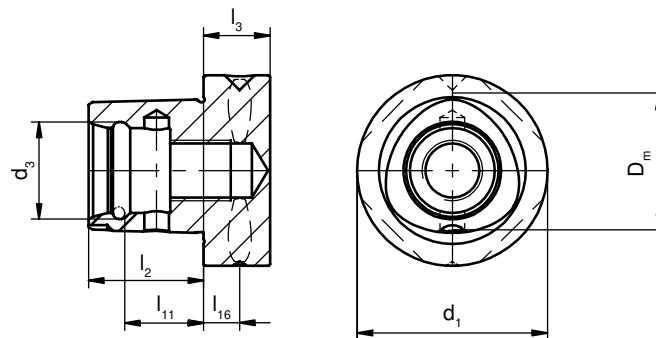
	d ₁ mm	d ₂ mm	d ₄ mm	d ₆ mm	d ₇ mm	d ₈ mm	d ₁₀ mm	f ₁ mm	f ₂ mm	f ₃ mm	l ₁ mm	l ₂ mm	l ₄ mm
HSK 40	40	30	34	45	4	21	23	20	35	16	20	4	11,42
HSK 50	50	38	42	59,3	7	26	29	26	42	18	25	5	14,13
HSK 63	63	48	53	72,3	7	34	37	26	42	18	32	6,3	18,13

DIN 69893 Form E

- ▲ Applied for high rpm (HSC) for high speed spindles with automatic tool change
- ▲ Rotation symmetrical, without driving grooves
- ▲ Torque transmission through friction
- ▲ **Possibility of central coolant supply via coolant pipe**

Technical Information for Polygon Shank Adapters

To dimensions of ISO 26623-1



Shank size	d_1	d_3 $\pm 0,05$	l_2 $\pm 0,1$	l_3	l_{11} $\pm 0,1$	l_{16}	D_m
32	32	16,5	19	15	13,5	9	22
40	40	20	24	20	17,5	12	28
50	50	24	30	20	22	12	35
63	63	32	38	22	26	12	44
80	80	38	48	30	34	12	55

Advantages of the PSC interface

The repeatability of the PSC shank is ± 2 microns



The tapered polygon in conjunction with the tight tolerance provides backlash-free centering also acts as pull back. The PSC cone has very high rigidity and bending strength. The main advantages of this interface are the transmittable torque stability, the resistance against radial forces acting on the tool and the exact center height. This means high feed rates can be achieved on large material cross sections. The PSC interface is ideally suited for all machining operations such as drilling, turning and milling.

High Pressure Chuck – Ideal for the MonsterMill Solid Carbide Milling Cutters

HPC milling with optimum damping

High pressure clamping with optimum damping properties was the aim in the development of the high-pressure chuck. Here, all applications over a continuous operation test were covered over thousands of machining operations. In addition, extensive continuous pressure and positive pressure tests, and vibration measurements were carried out directly on the machine spindle.

The main technical characteristics of the high-pressure Milling Chuck are

- ▲ High damping properties
- ▲ Spindle-friendly
- ▲ Maximum stability and strength
- ▲ High holding force and torque transmission
- ▲ 3 µm radial run-out
- ▲ Balanced to G2,5 at $n_{\max}$ 25.000 1/min.
- ▲ Short tool change time
- ▲ No additional peripherals required
- ▲ MMS suitable
- ▲ Maintenance free

Clamping of shanks with flats possible with or without reduction sleeve

HSS shank DIN1835 and
Solid Carbide shank DIN6535



Clamping Force Comparison with Different Systems

This comparison shows the higher retention forces of the Milling Chuck. Especially with larger diameters high holding force is important when HPC machining so that the tool is not pulled out of the holder. Milling Chuck now offers this process reliability.

Shank diameter in mm	16	18	20	25	32
Holder Type	Maximum transmissible torque with shank tolerance h6 in Nm				
Shrink fit adapter	200	290	450	530	700
Standard hydraulic chucks	160	200	330	400	650
High Pressure Milling Chuck	280 - 380	360 - 450	550 - 650	650 - 750	800 - 890

i Minimum clamping depth the same as for hydraulic chucks



The main applications for Milling Chuck

- ▲ HPC Milling
- ▲ HSC Milling
- ▲ Hard Machining
- ▲ Drilling
- ▲ Reaming

Key Benefits

- ▲ Increased Process Security
- ▲ Longer Tool Life
- ▲ Improved Surface Quality
- ▲ Extended spindle life

Transmittable torques and static clamping torques

Static clamping moments of the CentroP collet chuck with different torque values measured at the tightening nut

Clamping diameter (d1 h6)	2	3	3,5	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	mm
ER 16 torque moment 30 Nm	2	3,5	5																						Nm
ER 16 torque moment 50 Nm				12	20	30	45	60	72	80															Nm
ER 25 torque moment 40 Nm				10	20	40																			Nm
ER 25 torque moment 75 Nm							62	75	85	95															Nm
ER 25 torque moment 90 Nm										122	145	160	175	190	200										Nm
ER 32 torque moment 60 Nm				20	30	40																			Nm
ER 32 torque moment 120 Nm							75	90	110	120	135	150	160	180	190										Nm
ER 32 torque moment 140 Nm																220	240	260	280	300					Nm
ER 40 torque moment 70 Nm				60	75	90	100																		Nm
ER 40 torque moment 110 Nm							110	125	140	150															Nm
ER 40 torque moment 150 Nm										200	220	240	260	300	350										Nm
ER 40 torque moment 200 Nm																			420	440	460	480	515	530	Nm
OZ 462 E torque moment 200 Nm				10	35	55	75	95	120	140	160	185	205	230	250	270	295	315	340						Nm

Permissible transmitted torque (Md) for Hydraulic Chucks

For direct clamping

Clamping diameter (d1 h6)	6	8	10	12	14	16	18	20	25	32	mm
Md with shank at minimum size	20	30	47	80	100	160	200	330	400	650	Nm
Md with shank at maximum size	30	45	85	140	160	230	270	400	470	730	Nm

For clamping with reduction Ø 32 mm

Clamping diameter (d1 h6)	6	8	10	12	14	16	18	20	25	mm
Md with shank at minimum size	30	45	60	120	120	180	220	250	330	Nm
Md with shank at maximum size	45	65	110	170	170	230	300	320	440	Nm

For clamping with reduction Ø 20 mm

Clamping diameter (d1 h6)	3	4	5	6	8	10	12	14	16	mm
Md with shank at minimum size	6	9	16	30	55	90	120	135	190	Nm
Md with shank at maximum size	10	12	22	40	75	120	150	170	260	Nm

For clamping with reduction Ø 12 mm

Clamping diameter (d1 h6)	3	4	5	6	8	mm
Md with shank at minimum size	3	4	7	12	18	Nm
Md with shank at maximum size	4	8	12	20	26	Nm

Minimum shank clamping depths for hydraulic chucks

Shank diameter	6	8	10	12	14	16	18	20	25	32	mm
Minimum clamping depth	27	27	31	36	36	39	39	41	47	51	mm

Permissible transmitted torque (Md) for high pressure chuck

Minimum shank clamping depths for high pressure chuck

Shank diameter	16	18	20	25	32	mm
Minimum clamping depth	39	39	41	47	51	mm

For direct clamping

Clamping diameter (d1 h6)	16	18	20	25	32	mm
Md with shank at minimum size	280	360	550	650	800	Nm
Md with shank at maximum size	380	450	650	750	890	Nm



Minimum permissible shank torques and clamping depths for shrink fit holders

Shank diameter	3	4	5	6	8	10	12	14	16	18	20	25	32	mm
Minimum clamping depth	12	16	20	26	26	31	37	37	40	40	42	48	52	mm
Permissible torque moment	4	11	17	24	45	82	145	190	200	290	450	530	700	Nm