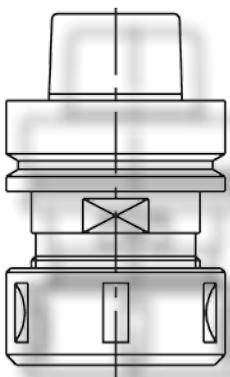




Spannsysteme, Zubehör

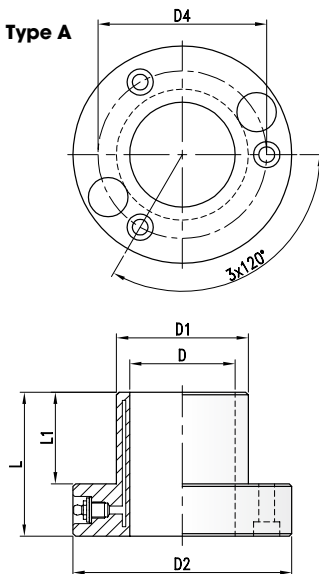
Clamping systems, accessoires

09

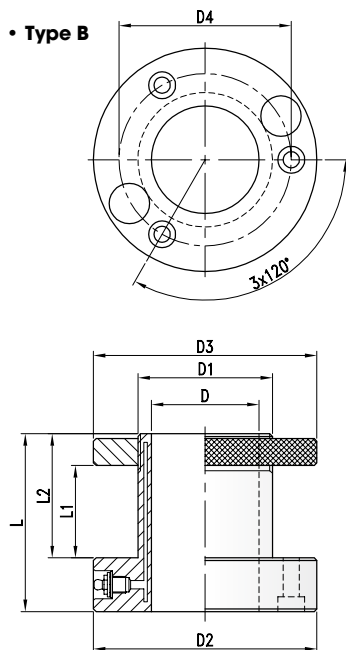


ProChipper®
 tooling systems

• Type A



• Type B

**HydroGrip - Offenes Hydrodehnfutter mit Fettpumpenanschluss****HydroGrip - Open hydrosleeve with connection for grease pump**

D	D1	D2	D4	L	L1	PG	Art. Nr.
Type A							
30	40	83	64	55	35	02	724.101
	50	83	64	55	35	02	724.102
35	50	83	64	55	35	02	724.103
	60	93	74	55	35	02	724.105
40	50	83	64	55	35	02	724.104
	60	93	74	55	35	02	724.106
45	60	93	74	55	35	02	724.107
	60	93	74	55	35	02	724.111

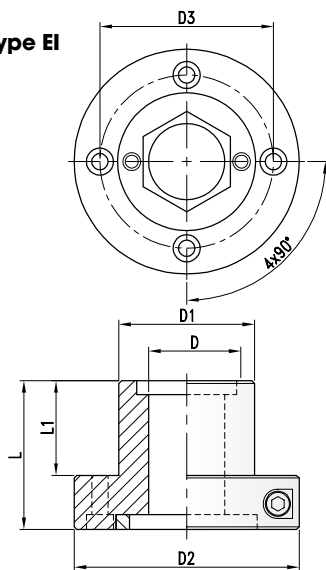
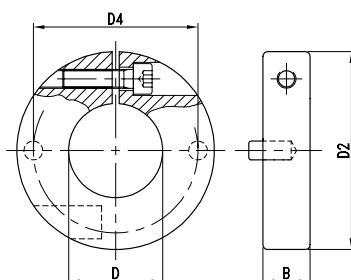
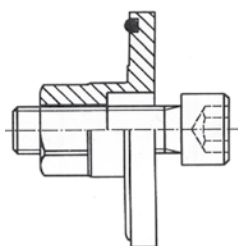
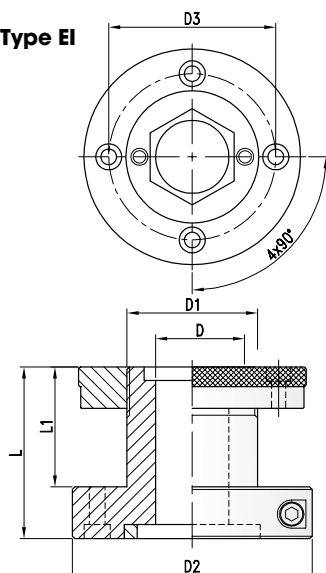
HydroGrip - Offenes Hydrodehnfutter mit Fettpumpenanschluss**HydroGrip - Open hydrosleeve with connection for grease pump**

D	D1	D2	D3	D4	L	L1	L2	PG	Art. Nr.
Type B									
30	50	83	83	64	75	40	55	02	724.201
	50	83	83	64	75	40	55	02	724.202
35	50	83	83	64	115	80	95	02	724.203
	50	83	83	64	165	130	145	02	724.204
40	60	93	90	74	75	40	55	02	724.205
	60	93	90	74	115	80	95	02	724.206
40	60	93	90	74	140	105	120	02	724.207
	50	83	83	64	75	40	55	02	724.211
40	50	83	83	64	115	80	95	02	724.213
	50	83	83	64	140	105	120	02	724.215
40	50	83	83	64	165	130	145	02	724.216
	50	83	83	64	190	155	170	02	724.217
40	60	93	90	74	75	40	55	02	724.218
	60	93	90	74	115	80	95	02	724.220
40	60	93	90	74	140	105	120	02	724.221
	60	93	90	74	165	130	145	02	724.224
40	60	93	90	74	215	180	195	02	724.226
	60	93	90	74	75	40	55	02	724.228
45	60	93	90	74	115	80	95	02	724.230
	60	93	90	74	140	105	120	02	724.232
45	60	93	90	74	190	155	170	02	724.234
	60	93	90	74	240	205	220	02	724.236
50	60	93	90	74	75	40	55	02	724.238
	60	93	90	74	115	80	95	02	724.240
50	60	93	90	74	140	105	120	02	724.242
	60	93	90	74	190	155	170	02	724.243
50	60	93	90	74	240	205	220	02	724.245

Zubehör • Attachment

	PG	Art. Nr.
Fettpumpe • Grease pump	02	724.401
Fettkartusche • Grease cartridge	02	724.402



• **Type EI**• **Type EI****HydroGrip - Geschlossenes System • HydroGrip - Closed System**

D	D1	D2	D3	L	L1	PG	Art. Nr.
Type EI							
40	60	120	100	92	68	02	724.301

HydroGrip - Geschlossenes System • HydroGrip - Closed System

D	D1	D2	D3	L	L1	PG	Art. Nr.
Type EI							
40	60	120	100	92	68	02	724.350

Hydrodehnfutter mit Feingewindemutter für stufenlos verstellbare Werkzeuge

*Microthreaded hydro sleeve for grooving and flooring sets***Deckscheibe für Perske Motor • Flange for Perske motor**

	PG	Art. Nr.
Deckscheibe mit Sechskant • Flange with hex. end	02	724.403

Klemmring • Locking ring

D	B	D2	D4	PG	Art. Nr.
40	20	84	70	02	724.404.40
50	20	92	75	02	724.404.50

01



Sägen

02



Zerspanen

03



Hobeln/Fräsen

04



Profilfräsen

05



Nut- und Federfräsen

06



Oberfräsen

07



Bohren

08



PKD-Werkzeuge

09



Spannen

10

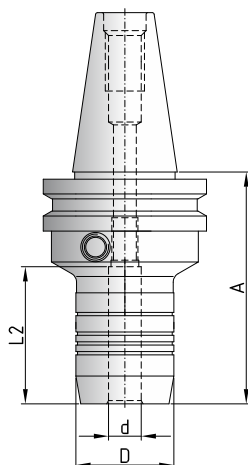


Ersatzteile

11



Informationen



Hyrodehnfutter mit SK30-Schaftaufnahme • Hydrosleeve with SK 30-shank

d	D	A	L2	S	PG	Art.Nr.
10	28	55	38,5	SK30	02	85.010.073.030
3/8"	28	55	38,5	SK30	02	85.095.111.030
12	28	55	38,5	SK30	02	85.012.065.030
16	58	63	55	SK30	02	85.016.065.030
20	60	63	55	SK30	02	85.020.111.030
25	70	63	55	SK30	02	85.025.111.030

• ohne Anzugsbolzen • Without holding bolt

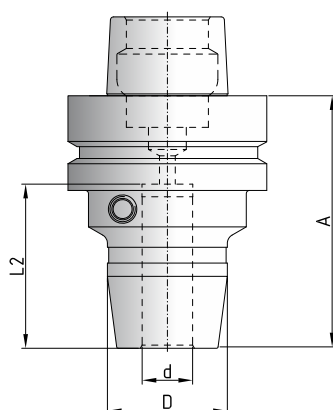
Hyrodehnfutter mit ISO 30-Schaftaufnahme • Hydrosleeve with ISO 30-shank

d	D	A	L2	S	PG	Art.Nr.
25	70	82	55	SK30 verzahnt	02	85.025.130.030

• ohne Anzugsbolzen • Without holding bolt

Hydro-Dehnspannfutter SK40 • Hydraulic collet chuck SK40

d	D	A	L2	S	PG	Art.Nr.
25	70	78	52	SK40	02	85.025.146.040



Hydro-Dehnfutter mit HSK-Schaftaufnahme • Hydrosleeve with HSK-shank

d	D	A	L2	S	PG	Art.Nr.
20	42	85	52	HSK50F	02	85.020.085.050
25	50	85	52	HSK50F	02	85.025.085.050
6	26	80	37	HSK63F	02	85.006.085.063
8	28	80	37	HSK63F	02	85.008.085.063
10	30	80	42	HSK63F	02	85.010.085.063
12	32	80	47	HSK63F	02	85.012.085.063
14	34	80	47	HSK63F	02	85.014.085.063
16	38	80	52	HSK63F	02	85.016.085.063
18	40	80	52	HSK63F	02	85.018.085.063
20	42	80	52	HSK63F	02	85.020.085.063
25	50	85	52	HSK63F	02	85.025.085.063
25	50	85	52	HSK63E	02	85.025.117.063

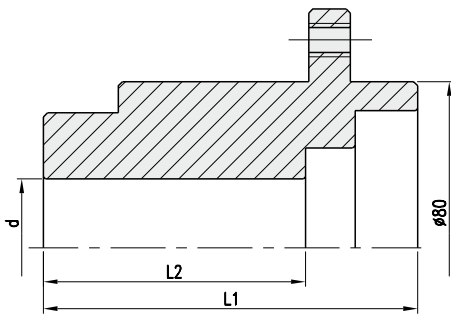
Ersatzteile/Zubehör • Spare parts/Accessories

Bezeichnung • Name	PG	Art. Nr.
Quergriffschlüssel SW6 • Allen key SW6	02	36.100.06
Anzugsbolzen • retaining bolt	02	A424.DIV

730

Flanschbüchse

Flange sleeve

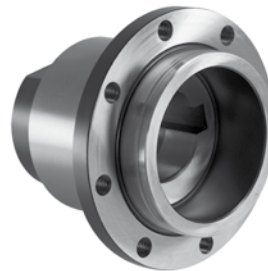


Starre Flanschbüchse • Flange sleeve

L1	L2	d	TK		PG	Art. Nr.
90	63	35 DKN	8/M8/100	Homag, IMA, Torwegge	02	730.101
97	68	40 DKN	8/M8/100	Schwabedissen, Gabbiani	02	730.102

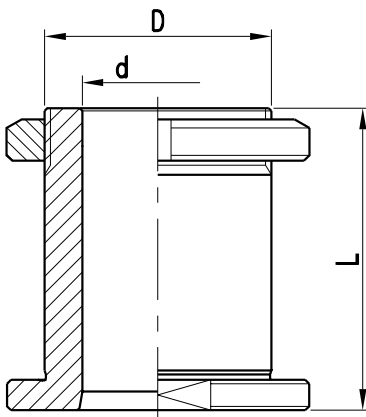
Zubehör • Attachment

	Dim.	PG	Art. Nr.
Schraube für Werkzeugmontage Screw for tool mounting	M8x16	02	705.700.16

**704**

Schraubbüchse

Sleeve with locking nut



Abmessungen • Dimensions

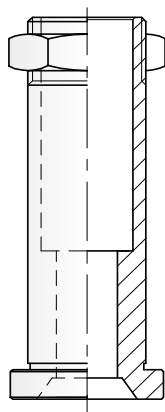
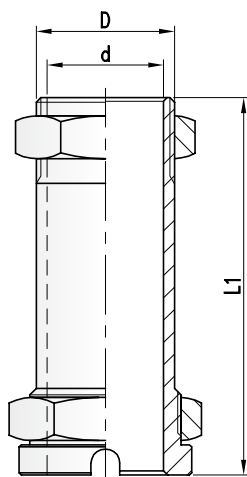
d	D	L	I	PG	Art. Nr. LH	Art. Nr. RH
30	50	85	63	02	704.271	704.171
	60	85	63	02	704.251	704.151
	50	110	88	02	704.281	704.181
	60	110	88	02	704.261	704.161
35	50	85	63	02	704.272	704.172
	60	85	63	02	704.252	704.152
	50	110	88	02	704.282	704.182
	60	110	88	02	704.262	704.162
40	50	85	63	02	704.273	704.173
	60	85	63	02	704.253	704.153
	50	110	88	02	704.283	704.183
	60	110	88	02	704.263	704.163
50	60	85	63	02	704.254	704.154
	60	110	88	02	704.264	704.164



Zubehör • Attachment

	PG	Art. Nr.
Hakenschlüssel • Hook wrench for		
D=50	02	706.501
D=60	02	706.502



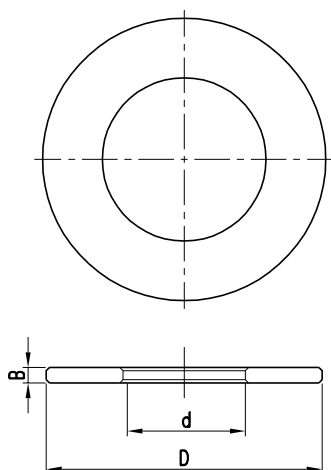

Abmessungen • Dimensions

D	L	d		Modell	PG	Art. Nr.
32	140	27	TEKNA	TK610/Z	02	729.211.27
32	90	14		500	02	729.201.14
27	90	14		MN-75-AR	02	729.202.14 ◇
32	90	14		MN-75-AR	02	729.201.14
50	85	40	ELUMATEC	AF-221, AF-222, AF-223	02	704.173.40
32	75	20		MA-91	02	729.106.20
32	160	25	IM/CRS	OL - 94	02	729.208.25
32	100	27	TRE-C	INTEX 2500	02	729.203.27 ◇
32	150	27	LGF	BEBA	02	729.206.27
32	140	25		DIXI	02	729.204.25
32	200	25		DIXI	02	729.207.25
32	156	19		PHANTON - M	02	729.301.19
32	163	25		PHANTON - SK	02	729.105.25
32	150	27		FR 704, FR 706	02	729.206.27
				FR 702, FR 703, FR 712	02	
32	125	22	MIEPA	MP - 130	02	729.303.22
32	135	27		ML - 124/OS	02	729.205.27
32	135	27	OMC	FEROCE, FEROCE-A,	02	729.209.27
				MÁXIMA, TIGRA, TIGRA-A	02	
32	135	27	OMGA	AL - 132	02	729.205.27
32	135	27		ML - 120	02	729.205.27
32	135	27	RINALDI	LILIPUT 9M 7000 FS	02	729.205.27
32	145	22	TEKNA	TK-641	02	729.104
32	70	14		FV-100-M	02	729.102.14
22	70	14		FV-100-M	02	729.103.14
32	150	24		FV-140	02	729.304.24
32	173	25		FV-190-A	02	729.302.25
32	140	25	GREENMAC	GM 4590	02	729.204.25

◇ Serienartikel, kurzfristige Fertigung bei Bestellung.

◇ Standard article, short-time production after order.

- Andere Spannbüchsen zum Verschrauben von Werkzeugsätzen auf Anfrage
- Sleeves for other machines under request
On request please state machine and model

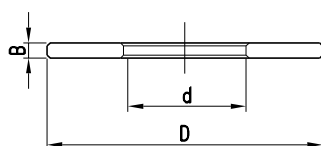
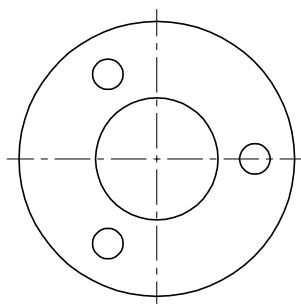
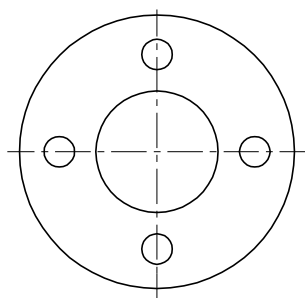


Zwischenringe aus Stahl • Steel-spacer

B	D	PG	Art. Nr.
30	0,1	50	02 703.301
	0,2	50	02 703.302
	0,5	50	02 703.303
	1,0	50	02 703.304
	2,0	50	02 703.305
	5,0	50	02 703.308
	7,0	50	02 703.310
	10,0	50	02 703.313
	31,75	0,1	50 02 703.325
	0,2	50	02 703.326
35	0,5	50	02 703.327
	1,0	50	02 703.328
	2,0	50	02 703.329
	5,0	50	02 703.332
	7,0	50	02 703.334
	10,0	50	02 703.337
	0,1	55	02 703.351
	0,2	55	02 703.352
	0,5	55	02 703.353
	1,0	55	02 703.354
40	2,0	55	02 703.355
	5,0	55	02 703.358
	7,0	55	02 703.360
	10,0	55	02 703.363
	0,1	60	02 703.400
	0,2	60	02 703.401
	0,5	60	02 703.402
	1,0	60	02 703.403
	2,0	60	02 703.404
	5,0	60	02 703.407
45	7,0	60	02 703.409
	10,0	60	02 703.412
	0,1	65	02 703.500
	0,2	65	02 703.501
	0,5	65	02 703.502
	1,0	65	02 703.503
	2,0	65	02 703.504
	5,0	65	02 703.507
	7,0	65	02 703.509
	10,0	65	02 703.512
50	0,1	70	02 703.600
	0,2	70	02 703.601
	0,5	70	02 703.602
	1,0	70	02 703.603
	2,0	70	02 703.604
	5,0	70	02 703.607
	7,0	70	02 703.609
	10,0	70	02 703.612
	0,1	80	02 703.851
	0,2	80	02 703.852
60	0,5	80	02 703.853
	1,0	80	02 703.860
	2,0	80	02 703.861
	5,0	80	02 703.863
	7,0	80	02 703.864
	10,0	80	02 703.865

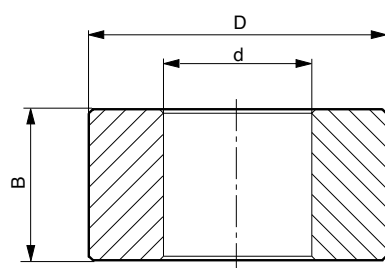
• 7-teiliger Zwischenringsatz • 7-part Spacer set

d	D	Art. Nr.
1x2, 1x1, 2x0,5, 2x0,2, 1x0,1		
30	50	703.004
35	55	703.011
40	60	703.018
50	70	703.032
60	80	703.080



Stahl-Zwischenring mit Mitnahmelöchern • Steel-Spacer with pinholes

d	B	D	ML/TK	PG	Art. Nr.
20	0,1	45	4/6/32	02	703.730
	0,2	45		02	703.731
	0,5	45		02	703.732
	1,0	45		02	703.733
	2,0	45		02	703.734
	5,0	45		02	703.735
	7,0	45		02	703.736
	10,0	45		02	703.737
20	0,1	50	2/7/38	02	34.050.050
	0,2	50		02	34.050.048
	0,5	50		02	34.050.051
	1,0	50		02	34.050.052
	2,0	50		02	34.050.053
	3,0	50		02	34.050.054
	5,0	50		02	34.050.055
	7,0	50		02	34.050.049
30	0,1	50	2/7/38	02	34.050.056
	0,2	50		02	34.050.056
	0,5	50		02	34.050.056
	1,0	50		02	34.050.056
	2,0	50		02	34.050.056
	3,0	50		02	34.050.056
	5,0	50		02	34.050.056
	7,0	50		02	34.050.056
30/35	0,1	60	2/7/48	02	34.060.081
	0,2	60		02	34.060.082
	0,5	60		02	34.060.083
	1,0	60		02	34.060.084
	2,0	60		02	34.060.085
	3,0	60		02	34.060.086
	5,0	60		02	34.060.086
	10,0	60		02	34.060.086
30/35	0,1	65	4/7/48	02	703.630
	0,2	65		02	703.631
	0,5	65		02	703.632
	1,0	65		02	703.633
	2,0	65		02	703.634
	5,0	65		02	703.635
	7,0	65		02	703.636
	10,0	65		02	703.637
40/50	0,1	65	4/7/48	02	703.638
	0,2	65		02	703.639
	0,5	65		02	703.639
	1,0	65		02	703.639
	2,0	65		02	703.639
	5,0	65		02	703.639
	7,0	65		02	703.639
	10,0	65		02	703.639
40/50	0,1	80	4/7/65	02	703.640
	0,2	80		02	703.641
	0,5	80		02	703.642
	1,0	80		02	703.643
	2,0	80		02	703.644
	5,0	80		02	703.645
	7,0	80		02	703.646
	10,0	80		02	703.647
60	0,1	80	4/7/65	02	703.648
	0,2	80		02	703.649
	0,5	80		02	703.649
	1,0	80		02	703.649
	2,0	80		02	703.649
	5,0	80		02	703.649
	7,0	80		02	703.649
	10,0	80		02	703.649
60	0,1	90	3/9/74	02	703.880
	0,2	90		02	703.881
	0,5	90		02	703.883
	1,0	90		02	703.884
	3,0	90		02	703.885
	5,0	90		02	703.888
	10,0	90		02	703.889
	15,0	90		02	703.890
	20,0	90		02	703.891


Stahl-Reduzierhülse • Steel-reducing sleeve

D	B	d	PG	Art. Nr.
35	2	30	02	714.101
	5	30	02	714.102
	10	30	02	714.103
	15	30	02	714.104
	20	30	02	714.105
	30	30	02	714.106
40	40	30	02	714.107
	50	30	02	714.108
	2	30	02	714.251
	5	30	02	714.252
	10	30	02	714.253
	15	30	02	714.254
40	20	30	02	714.255
	30	30	02	714.256
	40	30	02	714.257
	50	30	02	714.258
	2	31,75	02	714.151
	5	31,75	02	714.152
40	10	31,75	02	714.153
	15	31,75	02	714.154
	20	31,75	02	714.155
	30	31,75	02	714.156
	40	31,75	02	714.157
	50	31,75	02	714.158
40	2	35	02	714.201
	5	35	02	714.202
	10	35	02	714.203
	15	35	02	714.204
	20	35	02	714.205
	30	35	02	714.206
40	40	35	02	714.207
	50	35	02	714.208
	2	30	02	714.301
	5	30	02	714.302
	10	30	02	714.303
	15	30	02	714.304
45	20	30	02	714.305
	30	30	02	714.306
	40	30	02	714.307
	50	30	02	714.308

Fortsetzung nächste Seite • Continued next page

01



Sägen

02



Zerspanen

03



Hobeln/Fräsen

04



Profilfräsen

05



Nut- und Federfräsen

06



Oberfräsen

07



Bohren

08



PKD-Werkzeuge

09



Spannen

10

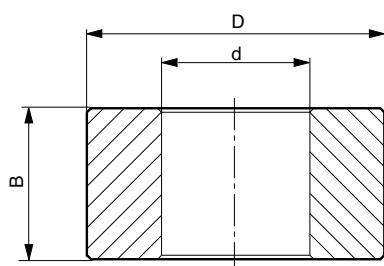


Ersatzteile

11



Informationen


Stahl-Reduzierhülse • Steel-reducing sleeve

D	B	d	PG	Art. Nr.
50	2	30	02	714.451
	5	30	02	714.452
	10	30	02	714.453
	15	30	02	714.454
	20	30	02	714.455
	30	30	02	714.456
	40	30	02	714.457
	50	30	02	714.458
50	2	35	02	714.401
	5	35	02	714.402
	10	35	02	714.403
	15	35	02	714.404
	20	35	02	714.405
	30	35	02	714.406
	40	35	02	714.407
	50	35	02	714.408
50	2	40	02	714.351
	5	40	02	714.352
	10	40	02	714.353
	15	40	02	714.354
	20	40	02	714.355
	30	40	02	714.356
	40	40	02	714.357
	50	40	02	714.358
50	2	45	02	714.501
	5	45	02	714.502
	10	45	02	714.503
	15	45	02	714.504
	20	45	02	714.505
	30	45	02	714.506

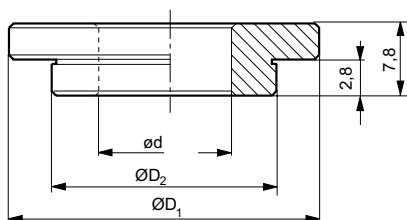
713

Reduzierring mit Bund

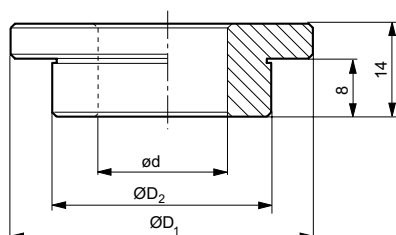
Reducing sleeve with collar



Type 1



Type 2



Stahl-Reduzierring • Steel-reducing sleeve

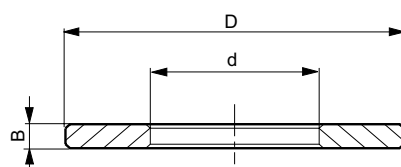
d	D ₂	D ₁	PG	Art. Nr.Type 1	Art. Nr.Type 2
30	35	49	02	713.101	713.115
	40	54	02	713.102	713.116
	45	59	02	713.103	713.117
	50	64	02	713.104	713.118
31,75	35	49	02	713.105	713.119
	40	54	02	713.106	713.120
	45	59	02	713.107	713.121
	50	64	02	713.108	713.122
35	40	54	02	713.109	713.123
	45	59	02	713.110	713.124
	50	64	02	713.111	713.125
40	45	50	02	713.112	713.126
	50	64	02	713.113	713.127
45	50	64	02	713.114	713.128

- Auslieferung erfolgt als Set von 2St.
- Supplied as set of 2pcs.

712

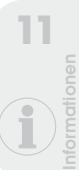
Bohrungs-Reduzierring für Kreissägeblätter

Reducing sleeve for bores of circular sawblades



Stahl-Zwischenring • Steel-reducing sleeve

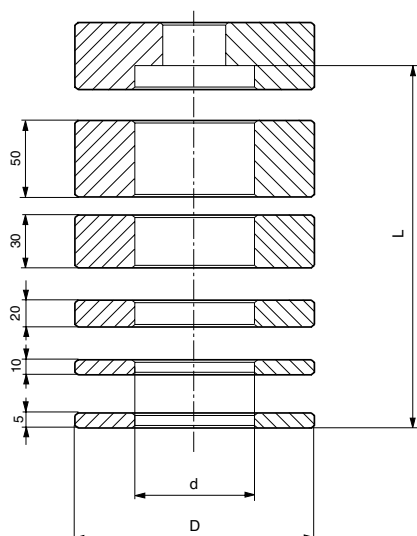
d	B	D	PG	Art. Nr.
16	2	30	02	712.113
	2	30	02	712.112
	2	32	02	712.110
25	2	35	02	712.106
	2	20	02	712.114
	2	30	02	712.111
	2	32	02	712.109
25,4	2	35	02	712.105
	2	32	02	712.108
	2	32	02	712.107
	2	35	02	712.104
32	2	35	02	712.103
	2	40	02	712.102
35	2	40	02	712.101



715

Ringsatz für Tischfräsmaschinen

Steel-spacer set for spindle end



Stahl-Ringsatz • Steel-spacer set

d	D	L	PG	Art. Nr.
30	43	200	02	715.300
35	48	200	02	715.350
40	54	200	02	715.400
45	62	245	02	715.450
50	65	245	02	715.500

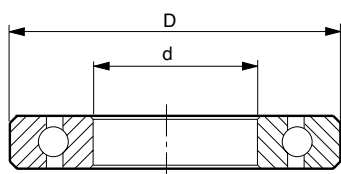
Ring Satz • Spacer Set

L=200	2x5; 2x10; 3x20; 2x30; 1x50
L=245	3x5; 2x10; 1x20; 3x30; 2x50

701

Kugellager

Ball bearing

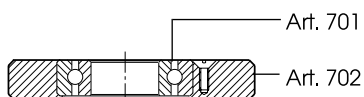
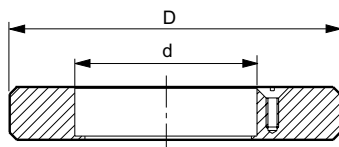


Kugellager • Ball bearing

D	d	PG	Art. Nr.
9,5	3,1	02	701.051
9,5	4,7	02	701.052
12,7	4,7	02	701.053
19	6	02	701.054
22	8	02	701.055
55	30	02	701.101
62	35	02	701.102
68	40	02	701.103
75	45	02	701.104
80	50	02	701.105
69	31	02	701.106

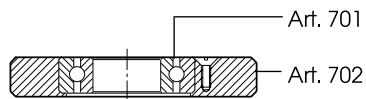
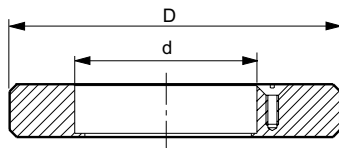
332**ProChipper®**

www.pro-lock.de


Anlaufring • Template ring

d	B	D	PG	Art. Nr.
55	15,5	70	02	702.101
	15,5	75	02	702.106
	15,5	80	02	702.105
	15,5	85	02	702.107
	15,5	86	02	702.104
	15,5	90	02	702.108
	15,5	94	02	702.102
	15,5	95	02	702.109
	15,5	100	02	702.110
	15,5	105	02	702.111
	15,5	110	02	702.112
	15,5	115	02	702.113
	15,5	120	02	702.103
	15,5	125	02	702.115
	15,5	130	02	702.116
62	15,5	135	02	702.117
	15,5	140	02	702.118
	16,5	75	02	702.145
	16,5	78	02	702.146
	16,5	80	02	702.147
	16,5	85	02	702.148
	16,5	90	02	702.149
	16,5	95	02	702.150
	16,5	100	02	702.151
	16,5	105	02	702.152
	16,5	110	02	702.153
	16,5	115	02	702.154
	16,5	120	02	702.155
	16,5	125	02	702.156
	16,5	130	02	702.157
68	16,5	135	02	702.158
	16,5	140	02	702.159
	17,5	75	02	702.170
	17,5	80	02	702.171
	17,5	85	02	702.172
	17,5	90	02	702.173
	17,5	95	02	702.174
	17,5	100	02	702.175
	17,5	105	02	702.176
	17,5	110	02	702.177
	17,5	115	02	702.178
	17,5	120	02	702.179
	17,5	125	02	702.180
	17,5	130	02	702.181
	17,5	135	02	702.182
	17,5	140	02	702.183

 Fortsetzung nächste Seite • *Continued next page*

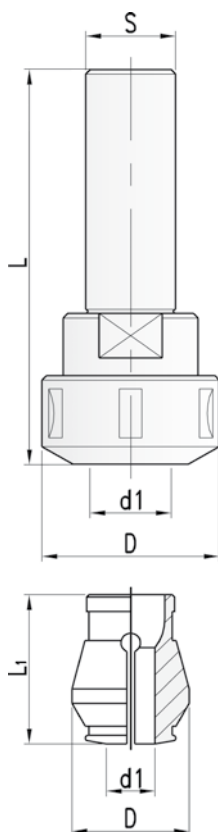

Anlaufring • Template ring

d	B	D	PG	Art. Nr.
69,85	16,5	80	02	702.125
	16,5	85	02	702.126
	16,5	90	02	702.127
	16,5	95	02	702.128
	16,5	100	02	702.129
	16,5	105	02	702.130
	16,5	110	02	702.131
	16,5	115	02	702.132
	16,5	120	02	702.133
	16,5	125	02	702.134
	16,5	130	02	702.135
	16,5	135	02	702.136
	16,5	140	02	702.137
75	18,5	90	02	702.190
	18,5	95	02	702.191
	18,5	100	02	702.192
	18,5	105	02	702.193
	18,5	110	02	702.194
	18,5	115	02	702.195
	18,5	120	02	702.196
	18,5	125	02	702.197
	18,5	130	02	702.198
	18,5	135	02	702.199
	18,5	140	02	702.200
80	18,5	90	02	702.210
	18,5	95	02	702.211
	18,5	100	02	702.212
	18,5	104	02	702.221
	18,5	105	02	702.213
	18,5	110	02	702.214
	18,5	115	02	702.215
	18,5	120	02	702.216
	18,5	125	02	702.217
	18,5	130	02	702.218
	18,5	135	02	702.219
	18,5	140	02	702.220
	18,5	114	02	702.222
	18,5	109,5	02	702.224

475

Spannzangenfutter, Verlängerung mit zylindrischem Schaft

Collet chuck, extension with cylindrical shank



Spannzangenfutter mit zyl. und MK-Schaft • Collet chuck with zyl. and MK-shank

D	d1	S	L	PG	Art. Nr.
42	2-16 (430E)	20	190	02	475.042.020
39,5	6-12,7	16		02	475.040.016
		18		02	475.040.018
		20		02	475.040.020
		25		02	475.040.025
		MK2/Ø20		02	475.040.000
		MK2/M30x1,5		02	475.040.001

• Lieferung ohne Spannzange • Collet not included

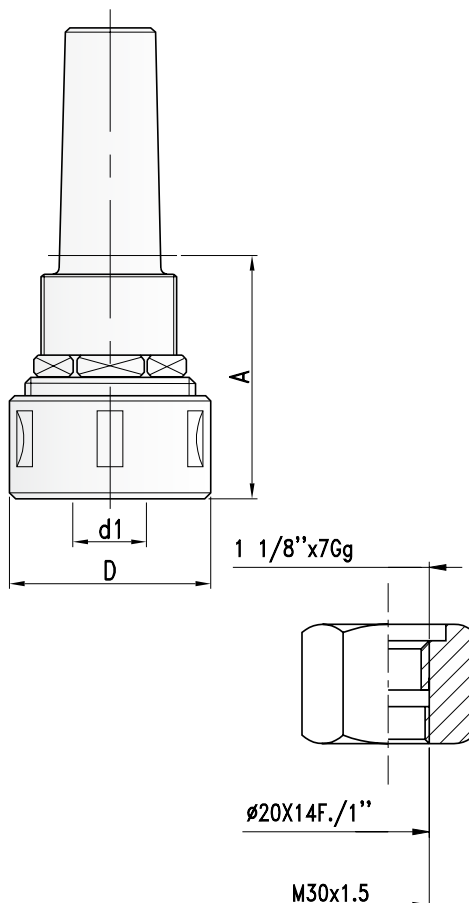
Zubehör • Attachment

	d1	Dim.	PG	Art. Nr.
Spannzange • Collet	6		02	3475.006.000
	6,35		02	3475.006.001
	8		02	3475.008.000
	9,5		02	3475.010.000
	10		02	3475.010.001
	12		02	3475.012.000
	12		02	3475.012.001
Spannmutter • Collet nut		M30x1,5	02	709.003
Schlüssel • Wrench		40/42	02	706.500

485

Spannzangenfutter mit MK-Schaft

Collet chuck with MK-shank



Spannzangenfutter mit MK-Schaft • Collet chuck with MK-shank

D	d1	A	S		PG	Art. Nr.
60	2-25 (462E)	76	MK2	RH	02	485.060.076
50	6-20 (ER32)	62	MK2/M30x1,5	RH	02	485.050.062
				LH	02	485.050.162

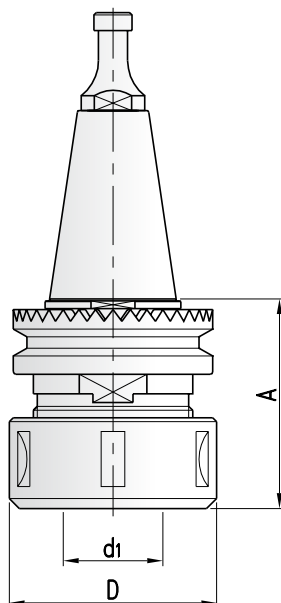
• Lieferung ohne Spannzangen • Collet not included

Zubehör • Attachment

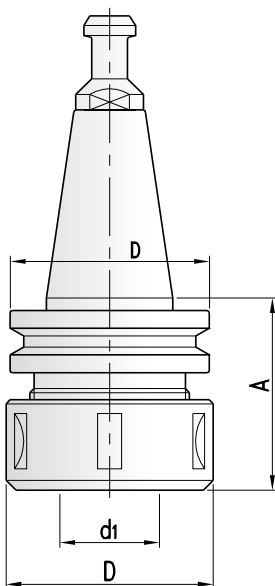
	Dim.	PG	Art. Nr.
Spannmutter • Collet nut	M40x1,5 RH	02	88.470.050
	M40x1,5 LH	02	88.470.250
Schlüssel • Wrench	45/50	02	706.504

Spannmutter für Oberfräsen • Cap nut for routers

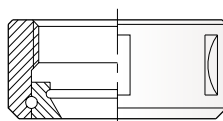
d1	PG	Art. Nr. RH	Art. Nr. LH
Ø20x14F./1"	02	3485.000.020	
M30x1,5	02	3485.000.030	3485.000.130



- Für Links- und Rechtslauf
- For RH and LH rotation



- Für Links- und Rechtslauf
- For RH and LH rotation



- Kugelgelagerte Spannmutter
- Collet nut with ball bearing

ISO 30 - Spannzangenfutter mit Spannmutter • ISO 30 - Collet chuck with collet nut

S	Nr.	D	A	d1	PG	Art. Nr.
SCM, Morbidelli, verzahnt						
ISO 30	6	50	55	6-20 (ER32)	03	86.055.230
	6	60	72	6-25 (462E)	03	86.072.230

Anzugsbolzen und Spannmutter beinhaltet • Holding bolt and collet nut included

Zubehör • Attachment

	D	Dim.	PG	Art. Nr.
Spannmutter • Collet nut	50	M40x1,5	02	88.470.050
	60	M48x2	02	88.462.060
Schlüssel • Wrench	50	45/50	02	706.504
	60	58/62	02	706.503

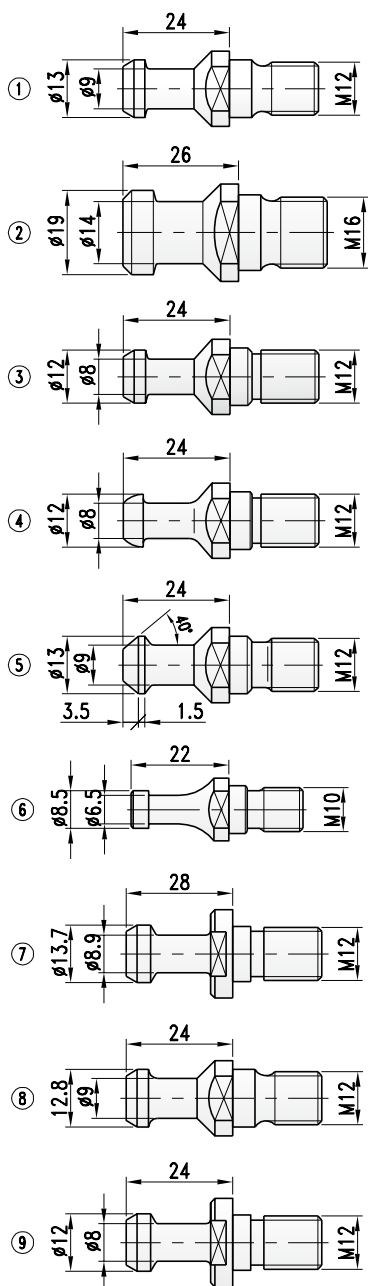
SK-Spannzangenfutter mit Spannmutter • SK-Collet chuck with collet nut

S	Nr.	D	A	d1	PG	Art. Nr.
IMA, Maka, Reichenbacher, Biesse, Alberti, Stegherr, etc.						
SK30	1	50	63	6-20 (ER32)	03	86.163.030
	1	63	63	6-25 (ER40)	03	86.063.030
SK40	2	60	70	6-25 (462E)	03	86.070.060
Biesse (bis • until 9/92)						
SK30	3	50	63	6-20(ER32)	03	86.163.130
	3	63	63	6-25(ER40)	03	86.063.130
Biesse (nach • after 9/92, spindle HSD)						
SK30	4	50	63	6-20(ER32)	03	86.163.230
	4	63	63	6-25(ER40)	03	86.063.230
Alberti						
SK30	5	50	63	6-20(ER32)	03	86.063.330
	5	63	63	6-25(ER40)	03	86.163.330
Masterwood (bis • until 1/ 99, spindle HSD)						
SK30	4	50	63	6-20(ER32)	03	86.163.231
Masterwood (nach • after 1/ 99, spindle Colombo)						
SK30	5	63	63	6-25(ER40)	03	86.163.331
CMS						
ISO 30	8	50	46	6-20 (ER32)	03	86.046.130
	8	63	60	6-25 (ER40)	03	86.060.130
Heian						
BT35	7	60	70	6-25 (ER40)	03	86.070.160
Esseteam (spindle Elite), Stemm						
SK30	9	50	60	6-20 (ER32)	03	86.060.050
	9	63	67	6-25 (ER40)	03	86.067.063

Anzugsbolzen und Spannmutter beinhaltet • Holding bolt and collet nut included

Ersatzteile • Spare parts

	D	Dim.	PG	Art. Nr.
Spannmutter • Collet nut	50	M40x1,5	02	88.470.050
	60	M48x2	02	88.462.060
	63	M50x1,5	02	88.472.063
Schlüssel • Wrench	50	45/50	02	706.504
	60	58/62	02	706.503



Anzugsbolzen • Holding bolts

Nr.	S	Maschine machine	PG	Art. Nr.
1	SK30	IMA, Maka, Reichenbacher, Weeke, etc. (DIN 69872)	02	3972.000.001
2	SK40	IMA, Maka, Reichenbacher, Weeke, etc. (DIN 69872)	02	3972.000.002
3	SK30	Biesse (bis • until 9/92)	02	3972.000.003
4	SK30	Biesse (nach • after 9/92), Masterwood (motor HSD)	02	3972.000.004
5	SK30	Alberti, Masterwood (motor Colombo)	02	3972.000.005
6	ISO30	SCM, Morbidelli	02	3972.000.006
7	BT35	Heian, Shoda	02	3972.000.007
8	ISO30	CMS	02	3972.000.008
9	SK30	Stemm, Esseteam (motor Elite)	02	3972.000.009

01



Sägen

02



Zerspanen

03



Hobeln/Fräsen

04



Profilfräsen

05



Nut- und Federfräsen

06



Oberfräsen

07



Bohren

08



PKD-Werkzeuge

09



Spannen

10

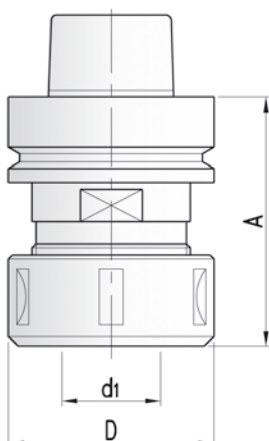


Ersatzteile

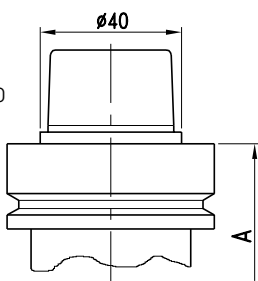
11



Informationen



HSK 50E/40



- Für Links- und Rechtslauf
- For RH and LH rotation

HSK-Spannzangenfutter mit Spannmutter • HSK-Collet chuck with collet nut

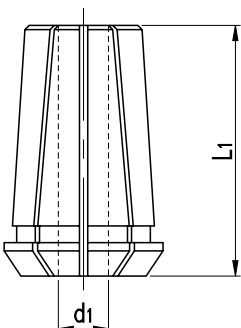
A	D	d1	HSK/SpZ	PG	Art. Nr.
76	63	2-26	HSK63E/472E	03	84.018.070.063
70	50	2-20	HSK63E/470E	03	84.018.170.063
70	43	2-16	HSK63E/430E	03	84.018.100.063
76	60	2-25	HSK63E/462E	03	84.018.176.063
76	63	2-26	HSK63F/472E	03	84.018.276.063
70	50	2-20	HSK63F/470E	03	84.018.370.063
70	43	2-16	HSK63F/430E	03	84.018.470.063
76	60	2-25	HSK63F/462E	03	84.018.075.063
76	60	2-25	HSK63F/462E	03	84.009.075.063
115	60	2-25	HSK63F/462E	03	84.009.115.063
115	60	2-25	HSK63F/462E	03	84.018.115.063
76	60	2-25	HSK63F/462E	03	84.018.075.050
115	60	2-25	HSK63F/462E	03	84.018.115.050
60	50	2-20	HSK40E/470E	03	84.018.060.050
65	63	2-25	HSK50E/472E	03	84.018.065.063

- Lieferung ohne Spannzange • Collet not included

Ersatzteile • Spare parts

	D	Dim.	PG	Art. Nr.
Spannmutter • Collet nut	35	M30x1,0	02	88.430.035
	50	M40x1,5	02	88.470.050
	60	M48x2	02	88.462.060
	63	M50x1,5	02	88.472.063
Schlüssel • Wrench	50	45/50	02	706.504
	60	58/62	02	706.503

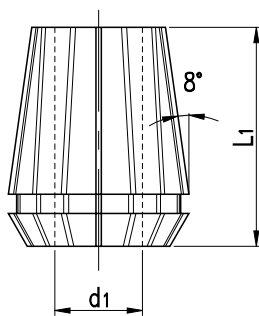
- Kugelgelagerte Spannmutter • Collet nut with ball bearing
- Weitere Abmessungen, siehe Pro-Lock Spanntechnik Prospekt
- Further dimension, see Pro-Lock tool clamping systems brochure



- Weitere Größen auf Anfrage
- Further dimensions on inquiry

Spannzangen DIN 6388/462E • collets DIN 6388/462E

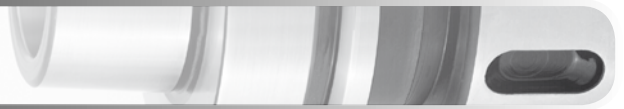
d1	L1	Typ	PG	Art. Nr.
2	52	DIN 6388 / 462E / OZ	02	87.462.02
3			02	87.462.03
4			02	87.462.04
5			02	87.462.05
6			02	87.462.06
8			02	87.462.08
10			02	87.462.10
12			02	87.462.12
14			02	87.462.14
16			02	87.462.16
18			02	87.462.18
20			02	87.462.20
25			02	87.462.25



- Weitere Größen auf Anfrage
- Further dimensions on inquiry

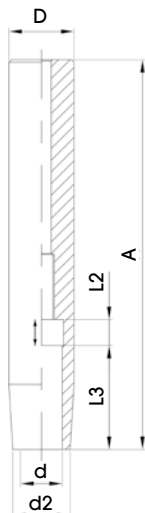
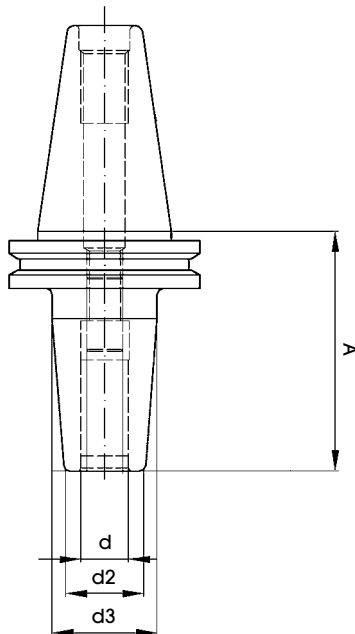
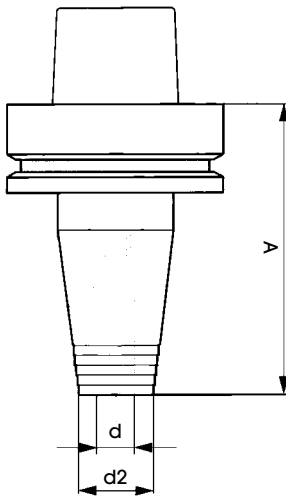
ER-Spannzangen • ER-collets

d1	D	L1	Typ	PG	Art. Nr.
bis 12 mm • up to 12 mm					
2	21	31	DIN 6499 / 428 E / ER20	02	87.428.02
3				02	87.428.03
4				02	87.428.04
5				02	87.428.05
6				02	87.428.06
8				02	87.428.08
10				02	87.428.10
12				02	87.428.12
bis 16 mm • up to 16 mm					
2	26	34	DIN 6499 / 430E / ER25	02	87.430.02
3				02	87.430.03
4				02	87.430.04
5				02	87.430.05
6				02	87.430.06
8				02	87.430.08
10				02	87.430.10
12				02	87.430.12
14				02	87.430.14
16				02	87.430.16
bis 20 mm • up to 20 mm					
2	33	40	DIN 6499 / 470E / ER32	02	87.470.02
3				02	87.470.03
4				02	87.470.04
5				02	87.470.05
6				02	87.470.06
7(6,35)				02	87.470.07
8				02	87.470.08
10				02	87.470.10
12				02	87.470.12
13(12,7)				02	87.470.13
14				02	87.470.14
16				02	87.470.16
18				02	87.470.18
20				02	87.470.20
bis 25 mm • up to 25 mm					
2	41	46	DIN 6499 / 472E / ER40	02	87.472.02
3				02	87.472.03
4				02	87.472.04
5				02	87.472.05
6				02	87.472.06
7(6,35)				02	87.472.07
8				02	87.472.08
10				02	87.472.10
12				02	87.472.12
13(12,7)				02	87.472.13
14				02	87.472.14
16				02	87.472.16
18				02	87.472.18
20				02	87.472.20
25				02	87.472.25



Der Einsatz eines Induktions-Schrumpfgerätes ermöglicht das Ein- und Ausschumpfen von Hartmetall- und Werkzeugstahlschäften in die entsprechenden Aufnahmen. Vorteile sind die höchste Rundlaufgenauigkeit (max. 0,003mm), die schlanke Störkontur, höchste Haltekraft und die direkte formstabile Einspannung.

Using an induction shrink system makes it possible for carbide metal- and tool steel-shanks into and out of the corresponding tool mounts. Advantages are highest concentricity precision (max. 0,003mm), slim interference contour, maximum gripping force and dimensional stable clamping due to the absence of intermediate elements.



HSK63F-Schrumpffutter • HSK63F-Induction shrink chuck

A	d	d2	S	PG	Art. Nr.
75	6	20	HSK63F	02	82.006.075.063
	8	20	HSK63F	02	82.008.075.063
	10	24	HSK63F	02	82.010.075.063
	12	24	HSK63F	02	82.012.075.063
	16	27	HSK63F	02	82.016.075.063
	20	33	HSK63F	02	82.020.075.063
	25	38	HSK63F	02	82.025.075.063

SK30-Schrumpffutter • SK30-Induction shrink chuck

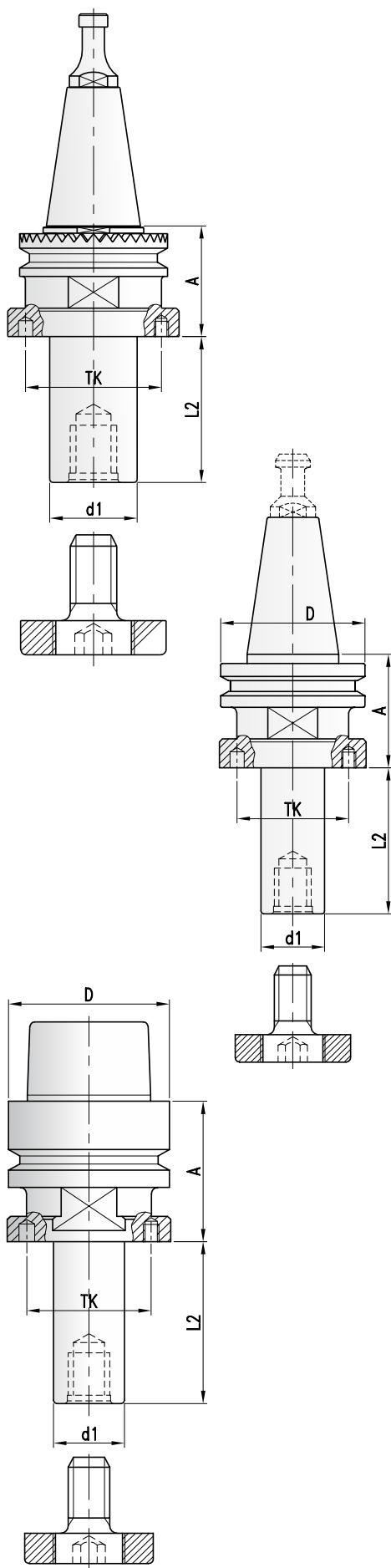
A	d	d2	S	PG	Art. Nr.
70	10	20	SK30	02	80.010.070.030
70	12	24	SK30	02	80.012.070.030
70	14	27	SK30	02	80.014.070.030
70	16	27	SK30	02	80.016.070.030
70	20	33	SK30	02	80.020.070.030
70	25	44	SK30	02	80.025.070.030

SK40-Schrumpffutter • SK40-Induction shrink chucks

A	d	d2	S	PG	Art. Nr.
80	6	20	SK40	02	81.006.080.040
80	8	20	SK40	02	81.008.080.040
80	10	24	SK40	02	81.010.080.040
80	12	24	SK40	02	81.012.080.040
80	16	27	SK40	02	81.016.080.040
80	20	33	SK40	02	81.020.080.040
80	25	44	SK40	02	81.025.080.040

Schrumpfverlängerung • zylindrisch • shrink fit extension • cylindrical

D	d	d2	A	L2	L3	PG	Art. Nr.
20	3	10	150	-	12	02	80.030.150.20
20	4	10	150	-	16	02	80.040.150.20
20	5	10	150	-	20	02	80.050.150.20
20	6	10	150	10	26	02	80.060.150.20
20	8	12	150	10	26	02	80.080.150.20
20	10	14	150	10	32	02	80.100.150.20
20	12	16	150	10	37	02	80.120.150.20
25	8	20	150	10	26	02	80.080.150.25
25	10	20	150	10	32	02	80.100.150.25
25	12	20	150	10	37	02	80.120.150.25
25	14	20	150	10	37	02	80.140.150.25
25	16	22	150	10	40	02	80.160.150.25


ISO30-Fräsdorn • ISO30-Arbor

d1	L2	A	TK	S	D	Nr.	PG	Art. Nr.
SCM, Morbidelli, verzahnt								
20	40	45	38	ISO30		6	03	47.020.340.030
	70	45		ISO30		6	03	47.020.370.030
30	40	45	48	ISO30		6	03	47.030.340.030
	80	45		ISO30		6	03	47.030.380.030
CMS								
20	40	42	38	ISO30	46	8	03	47.020.440.030
	70					8	03	47.020.470.030
30	40	42	48	ISO30	46	8	03	47.030.440.030
	80					8	03	47.030.480.030

- Lieferung ohne Distanzringe und Anzugsbolzen
- Supplied without spacers and holding bolt.

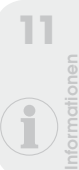
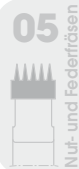
SK-Fräsdorn • SK-Arbor

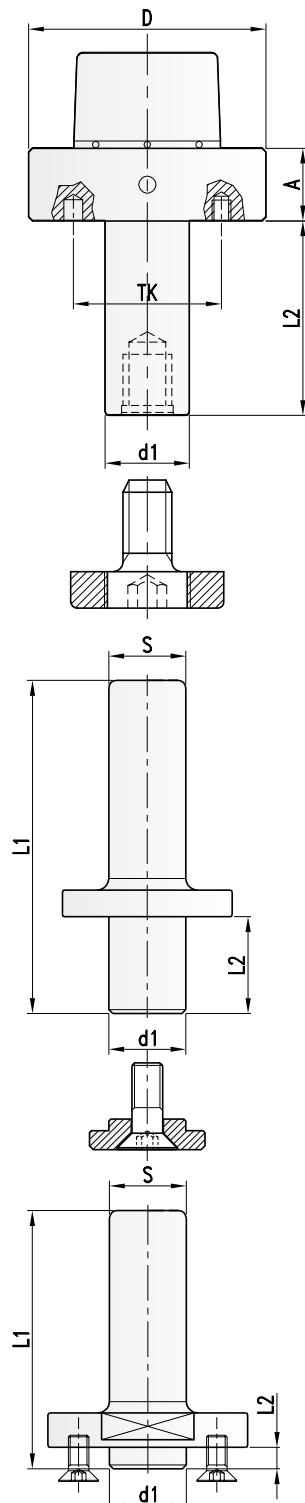
d1	L2	A	TK	S	PG	Art. Nr.
IMA, Maka, Reichenbacher, Weeke, Biesse, Alberti, Stegherr, etc.						
20	40	45	38	SK30	03	47.020.040.030
	70				03	47.020.070.030
20	40	45	38	SK40	03	47.020.040.040
	70				03	47.020.070.040
30	40	45	48	SK30	03	47.030.040.030
	80				03	47.030.080.030
30	40	45	48	SK40	03	47.030.040.040
	80				03	47.030.080.040

- Lieferung ohne Distanzringe und Anzugsbolzen
- Supplied without spacers and holding bolt.

HSK-Fräsdorn • HSK-arbor

d1	L2	A	TK	S	D	PG	Art. Nr.
20	70	45	38	HSK 63F	63	03	47.020.070.163
30	20	45	48	HSK 63F	63	03	47.030.020.063
	40	45		HSK 63F	63	03	47.030.040.263
	55	45		HKS 63F	63	03	47.030.056.063
	80	45		HKS 63F	63	03	47.030.080.163
	100	45		HKS 63F	63	03	47.030.100.363
Lange Ausführung • Long design							
20	40	80	38	HSK 63F	63	03	47.020.040.063
	70	80		HSK 63F	63	03	47.020.070.063
30	20	75	48	HKS 63F	63	03	47.030.020.163
	40	75		HKS 63F	63	03	47.030.040.463
	55	75		HKS 63F	63	03	47.030.055.163
	80	75		HKS 63F	63	03	47.030.080.263
	100	80		HKS 63F	63	03	47.030.100.663
	80	80		HSK 63F	63	03	47.030.080.363





- Für Lamello-Nuter mit Bohrung 22
- For direct mounting of tools, d1=22 for grooving cutter "LAMELLO"

PowerLock Fräsdorn • PowerLock arbor

d1	L2	ML	A	S	D	PG	Art. Nr.
30	40	2/6/48+2/M6/48	26	HSK85WS	85	02	47.030.040.085
	60	2/6/48+2/M6/48	26			02	47.030.060.085
	80	2/6/48+2/M6/48	26			02	47.030.080.085
	130	2/6/48+2/M6/48	26			02	47.030.130.085
	170	2/6/48+2/M6/48	26			02	47.030.170.185
	240	2/6/48+2/M6/48	26			02	47.030.240.085
35	180	2/6/54+2/M6/54	26	HSK85WS	85	02	47.035.180.085
40	40	2/6/54+2/M6/54	26	HSK85WS	85	02	47.040.040.085
	60	2/6/54+2/M6/54	26			02	47.040.060.085
	80	2/6/54+2/M6/54	26			02	47.040.080.085
	100	2/6/54+2/M6/54	26			02	47.040.100.085
	130	2/6/54+2/M6/54	26			02	47.040.130.085
	170	2/6/54+2/M6/54	26			02	47.040.170.185
	180	2/6/54+2/M6/54	26			02	47.040.180.085
	210	2/6/54+2/M6/54	26			02	47.040.210.185
	240	2/6/54+2/M6/54	26			02	47.040.240.085
50	40	2/6/64+2/M6/64	26	HSK85WS	85	02	47.050.040.085
	60	2/6/64+2/M6/64	26			02	47.050.060.085
	80	2/6/64+2/M6/64	26			02	47.050.080.085
	100	2/6/64+2/M6/64	26			02	47.050.100.085
	130	2/6/64+2/M6/64	26			02	47.050.130.085
	150	2/6/64+2/M6/64	26			02	47.050.150.085
	170	2/6/64+2/M6/64	26			02	47.050.170.085
	180	2/6/64+2/M6/64	26			02	47.050.180.085
	240	2/6/64+2/M6/64	26			02	47.050.240.085
	270	2/6/64+2/M6/64	26			02	47.050.270.085

Für Weinig "PowerMat" Kehlmaschinen • For Weinig "PowerMat" moulding machines

Fräsdorn mit zyl. Schaft • Arbor with cyl. shank

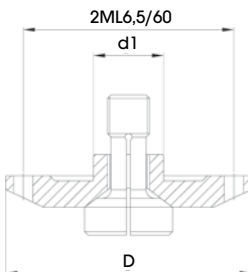
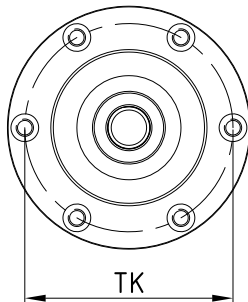
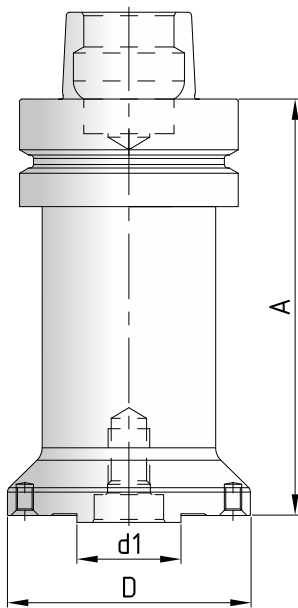
d1	L2	L1	S	PG	Art. Nr.
20	40	105	20x55	02	495.020.040
	40	110	25x60	02	495.020.240
20	70	135	20x55	02	495.020.070
	70	140	25x60	02	495.020.170
30	40	105	20x55	02	495.030.040
		110	25x60	02	495.030.240

Fräsdorn für Sägen und Nuter • Arbor for saws and groovers

d1	L2	L1	TK	S	PG	Art. Nr.
22	4	74	36	25x60	02	495.022.004
30	4	74	48	25x60	02	495.030.004

Zubehör • Attachment

	Dim.	PG	Art. Nr.
Schraube • Screw	M6x16 (DIN7991)	02	705.350
Sechskantschlüssel • T Wrench	SW3	02	706.103



- Weitere Größen auf Anfrage
- Further dimensions on inquiry

HSK Sägeblattaufnahme Monoblock • HSK Sawarbor monobloc

d1	D	A	TK/ML	S	PG	Art.Nr.
30/20	70	45	6/M5/60	HSK63F	02	47.300
	70	110	6/M5/60	HSK63F	02	47.400
	70	150	6/M5/60	HSK63F	02	47.500
30/20	106	40	8/M5/90	HSK63F	02	47.106.010 •
	106	50	8/M5/90	HSK63F	02	47.106.014 •
30/20	70	45	6/M5/60	HSK63E	02	47.350
	70	110	6/M5/60	HSK63E	02	47.450
	70	150	6/M5/60	HSK63E	02	47.550

- Sägeblattaufnahme Homag Drive 5c/+
- Sawarbor for Homag Drive 5c/+

- Auslieferung erfolgt mit 6 Senkkopfschrauben für Sägenbefestigung / „über Mitte Schnitt“
- Supplied with 6 counter-sunk screws for sawmounting / center cut

Gegenflansch für Sägenaufnahme • Counterflange for sawarbor

d1	D	TK/ML	Typ	PG	Art.Nr.
20	70	2/6,5/60	Schraube DIN912 SW=10	02	36.070.010
	70	2/6,5/60	EF-Schnellwechsel Typ 3/4 M12 SW=3	02	36.070.020
20	106	8/5,5/90		02	34.106.010 •

- Art. 36.070.010 Gegenflansch mit Standard Schraube DIN912
- Art. 36.070.020 Gegenflansch mit EF-Einschraubspanner für Sägenschnellwechsel

- Art. 36.070.010 Counterflange with standard screw DIN912
- Art. 36.070.020 Counterflange with EF-Screw-in clamp for quickchange of blades



Kegelwischer für HSK Spindel

Taper wiper for HSK spindle

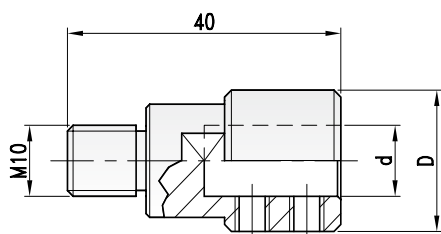


Kegelwischer für HSK-Innenkontur - Taper wiper for HSK-inner contour

D	HSK	PG	Art. Nr.
63	HSK63F	02	91.063.050
63	HSK63E	02	91.063.063
80	HSK80WS	02	91.080.063
80	HSK80E	02	91.080.080

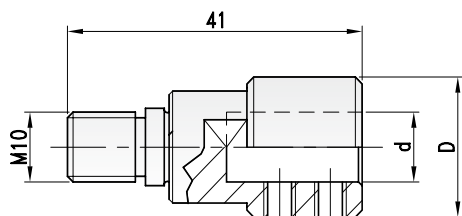
Adapter für Dübelbohr-Aggregate

Adapter for dowel drilling-aggregate



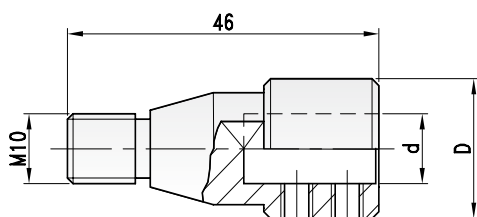
M10 - ohne Passsitz • M10 - without seating

D	d	PG	Art. Nr. RH	Art. Nr. LH
Ayen, Holzma, Mayer, Knoevenagel, Torwegge, etc.				
20	10	02	478.020.010	478.020.110



M10 - mit Passsitz 11 • M10 - with seating 11

D	d	PG	Art. Nr. RH	Art. Nr. LH
Morbideilli, Weeke, Torwegge, Biesse, Masterwood, Vitap, etc.				
20	10	02	478.020.210	478.020.310



M8 - mit Passsitz 9 • M8 - with seating 9

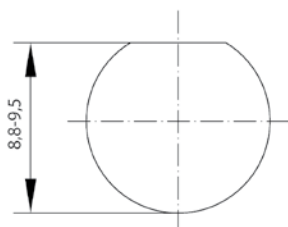
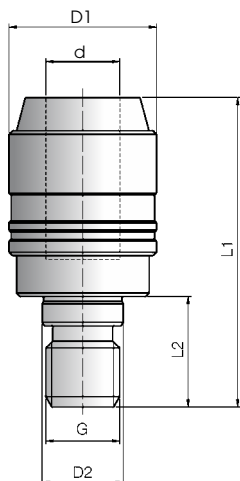
D	d	PG	Art. Nr. RH	Art. Nr. LH
Biesse, SCM, CMS, Morbidelli, etc.				
20	10	02	478.020.410	478.020.510

M10 - mit Kegel - M10 - with cone

D	d	PG	Art. Nr. RH	Art. Nr. LH
Bilek, Vitap, Alberti, Balestrini, Schleicher, Busellato, etc.				
20	10	02	478.020.610	478.020.710

Zubehör • Attachment

	Dim.	PG	Art. Nr.
Verstellungsschraube • Screw	M5x5	02	705.102
Sechskantschlüssel • Wrench	SW2,5	02	706.152



- Spanntoleranz Schaft/Spannfläche
- Tolerance shank clamping flat

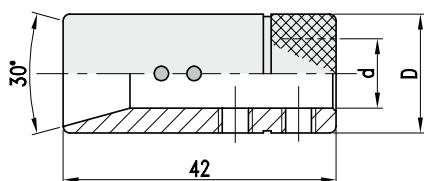
Für Schäfte Ø10 mit Spannfläche • For shank Ø10 and machined flat

D1	d	L2	L1	D2	G	PG	Art. Nr.
20	10	15	42	9	M8RH	02	611.010.008
20	10	15	42	9	M8LH	02	611.010.108
20	10	18	42	10	RH	02	611.010.018
20	10	18	42	10	LH	02	611.010.118
20	10	15	42	11	M10RH	02	611.010.010
20	10	15	42	11	M10LH	02	611.010.110

- Schnellwechselsystem für Dübelbohrer mit Schaft Ø 10mm und Spannfläche. Schiebehülse zurückschieben. Bohrer einstecken. Schubhülse spannt automatisch, wenn Schaftspannfläche auf Spannkeil gedreht wird.
- Quickchange for dowel drills with shank Ø 10mm and machined flat. Push down the bushing and insert the tool shank up to the stop. By turning the tool shaft, the mechanism clamps the tool shank automatically.


Ersatzteile/Zubehör: Spareparts/Accessories:

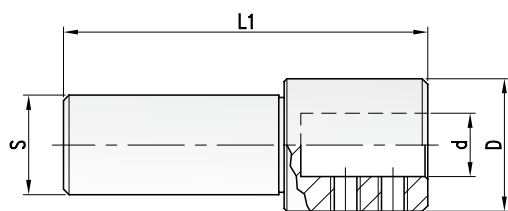
Bezeichnung / Name	PG	Art.Nr.
Bohrfutter-Montageschlüssel d=10 / Holder mounting key	02	611.107.010
Bohrfutter-Verschlusskappe d=10 / Holder mounting cap	02	611.115.010
Einstellschraube M5x10 Adjusting screw	02	705.103


Schnellwechsel-Adapter • Quick-change adapter

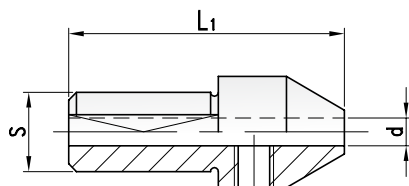
D	d	PG	Art. Nr.
Vitap			
18	10	02	474.018.010

Zubehör • Attachment

	Dim.	PG	Art. Nr.
Verstellschraube • Screw	M5x4	02	705.102.04
Sechskantschlüssel • Wrench	SW2,5	02	706.152

495**Adapter für verschiedene Schaftdurchmesser***Adapter for different shank diameters***Reduzierungen • Reducers**

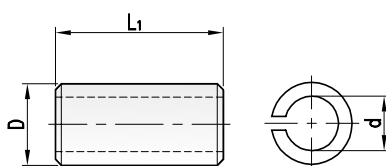
D	d	S	PG	Art. Nr.
20	6	18	02	495.020.006
20	8	18	02	495.020.008
22	10	18	02	495.022.010
22	12	18	02	495.022.012

**Reduzierungen • Reducers**

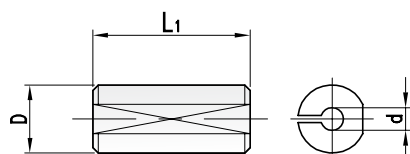
d	L1	S	PG	Art. Nr.
2,0	38	10	02	495.002.038
2,5	38	10	02	495.003.038
3,0	38	10	02	495.003.138
3,5	38	10	02	495.004.038
4,0	38	10	02	495.004.138
4,5	38	10	02	495.005.038
5,0	38	10	02	495.005.138

Zubehör • Attachment

	Dim.	PG	Art. Nr.
Schraube • Screw	M5x5	02	705.102
Sechskantschlüssel • Wrench	SW2,5	02	706.152

494**Reduzierbüchsen für zyl. Schäfte***Bush for twist drills***Reduzierungen • Reducers**

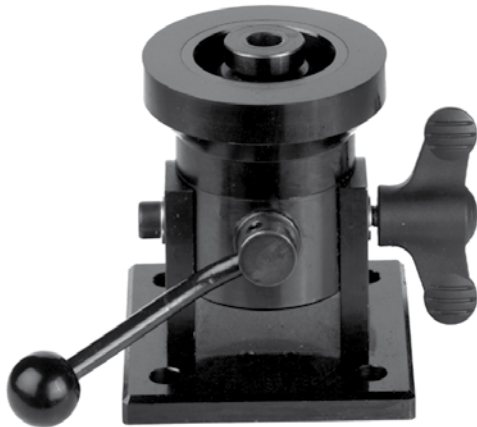
d	L1	D	PG	Art. Nr.
6	25	8	02	494.006.025
8	25	10	02	494.008.025
6	25	12	02	494.006.125
8	25		02	494.008.125
10	25		02	494.010.025

**Reduzierungen • Reducers**

d	L1	D	PG	Art. Nr.
2,0	23	10	02	494.002.023
2,5	23	10	02	494.003.023
3,0	23	10	02	494.003.123
3,5	23	10	02	494.004.023
4,0	23	10	02	494.004.123
4,5	23	10	02	494.005.023
5,0	23	10	02	494.005.123
6,0	23	10	02	494.006.023
7,0	23	10	02	494.007.023
8,0	23	10	02	494.008.023

346**ProChipper®**

www.pro-lock.de



HSK- Montagevorrichtung • Mounting device for HSK

HSK	L	H	D	PG	Art. Nr.
HSK32	100	87,5	40	02	38.032.035
HSK40	100	87,5	40	02	38.040.035
HSK63F	100	110	63	02	38.063.050
HSK63	100	110	63	02	38.063.063
HSK80WS (Weinig - PowerLock)	100	110	85	02	38.085.063
HSK80	200	140	100	02	38.100.080
HSK100	200	200	125	02	38.125.100

- Praktische, schwenkbare Montagevorrichtung. Werkzeugloses Einspannen bzw. Lösen der HSK-Werkzeuge durch leicht bedienbaren Drehgriff.
- Practical, swivellable HSK-mounting device. Toolless clamping or releasing of the HSK-tool by easily operable rotary handle.



Montagevorrichtung für BT/ISO/SK • Mounting device for BT/ISO/SK

BT/ISO/SK	D	PG	Art. Nr.
ISO30, BT30	46	02	438.030.046
SK30, HSK50, C5	50	02	438.030.050
BT35	53	02	438.035.053
SK40/HSK63, BT40, C6	63	02	438.040.063
HSK80WS	85	02	438.080.085
HSK100, BT50	102	02	438.050.100
SK50	97,5	02	438.050.098

- Montagevorrichtung mit Rollen zum sicheren Klemmen von Werkzeugaufnahmen. Selbstklemmend und passend zu SK, ISO, HSK, BT und Capto-Aufnahmen.
- Mounting device for draw-in collet chuck and arbors ISO/ SK by simple exchanging of the clamping jaw.

**HSK85WS Montagestand • HSK85WS assemblystand****Bezeichnung****PG****Art. Nr.**

HSK85WS-Messspindel

01

835.250.015

- Montagestand für HSK85WS Werkzeuge. Gelagerte HSK85WS Spindel mit Spannsystem. Verwendung z.B. zum Vermessen des Rundlaufs (über zusätzliche Messvorrichtung) oder Montage bzw. Demontage von Messern oder Fräsern.
- Assembly stand for HSK85WS tools. Turnable ball bearing spindle with clamping system. For setting of HSK85WS tools, mounting of knives or cutters, or to measure runout (with additional device).