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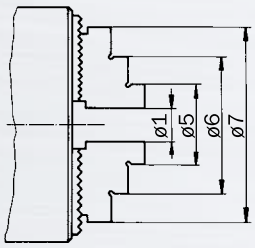
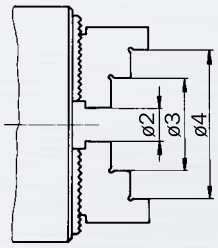
Spannbereiche für
harte Aufsatzbacken HB

Chucking ranges for
hardened top jaws HB

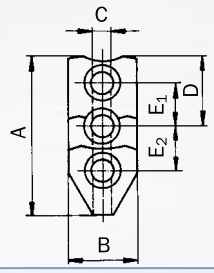


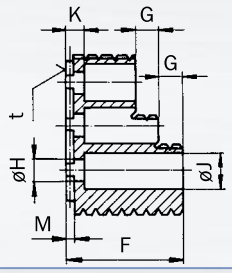


Backentyp Jaw type	Futtergröße Chuck size	Außenspannung / External chucking								Innenspannung / Internal Chucking				
		Ø 1		Ø 2		Ø 3		Ø 4		Ø 5		Ø 6		Ø 7
HB 232	160	9 - 40	46 - 74	24 - 50	56 - 88	78 - 106	112 - 143	94 - 122	128 - 160	73 - 104	110 - 138	89 - 120	127 - 154	142 - 174
HB 237	200	20 - 50	62 - 92	40 - 70	80 - 110	104 - 133	145 - 175	126 - 156	168 - 198	94 - 123	135 - 165	116 - 147	158 - 188	178 - 208
HB 240	250	20 - 50	78 - 112	46 - 73	102 - 131	139 - 167	196 - 224	169 - 198	226 - 255	124 - 154	180 - 215	154 - 184	211 - 245	244 - 274
HB 240	315	47 - 171		71 - 195		165 - 289		195 - 320		150 - 274		180 - 304		271 - 388
HB 228	400	82 - 140	156 - 215	105 - 160	178 - 236	230 - 288	306 - 365	268 - 326	342 - 401	205 - 262	280 - 336	244 - 300	318 - 376	370 - 426

Harte Aufsatzbacken HB
Ausführung 'Spitzverzahnung'

Hardened top jaws HB
serrated style

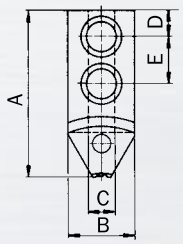


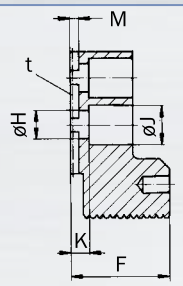


Backentyp Jaw type	Futtergröße Chuck size	A	B	C	D	E_1	E_2	F	G	H	J	K	M	t	kg / Stück kg / piece
HB 232	160	66	25	10	30	17	19	38	6,5	10,5	16,2	7	3,0	1/16"x 90°	0,21
HB 237	200	79	30	12	35	21	21	44	8,0	13,0	18,0	8	3,5	1/16"x 90°	0,35
HB 240	250	112	40	16	50	29	29	60	12,0	17,0	25,0	10	4,0	1/16"x 90°	0,95
HB 240	315	112	40	16	50	29	29	60	12,0	17,0	25,0	10	4,0	1/16"x 90°	0,95
HB 228	400	144	50	20	67	38	38	75	15,0	22,0	33,0	11	5,0	3/32"x 90°	1,90

Harte Stangenspannbacken HBS
Ausführung 'Spitzverzahnung'

Hardened top jaws HBS
serrated style, for bar work





Backentyp Jaw type	Futtergröße Chuck size	Spann Ø Chucking Ø	A	B	C	D	E	F	H	J	K	M	t	kg / Stück kg / piece
HBS 232	160	6,0 - 45	63,0	25	10	9,5	17	38	10,5	16,2	7	3,0	1/16"x 90°	0,23
HBS 237-1	200	8,6 - 46	82,0	30	12	12,0	21	44	13,0	18,0	8	3,5	1/16"x 90°	0,42
HBS 237-2	200	38,6 - 70	67,0	30	12	12,0	21	44	13,0	18,0	8	3,5	1/16"x 90°	0,35
HBS 224-1	250	10 - 18 40 - 76	122,5	40	16	15,0	29	60	17,0	25,0	10	4,0	1/16"x 90°	1,14
HBS 240	250	69 - 105	79,0	40	16	15,0	29	60	17,0	25,0	10	4,0	1/16"x 90°	-
HBS 224-1	315	10 - 140	122,5	40	16	15,0	29	60	17,0	25,0	10	4,0	1/16"x 90°	1,14
HBS 224-2	315	53 - 127	100,5	40	16	15,0	29	60	17,0	25,0	10	4,0	1/16"x 90°	1,01

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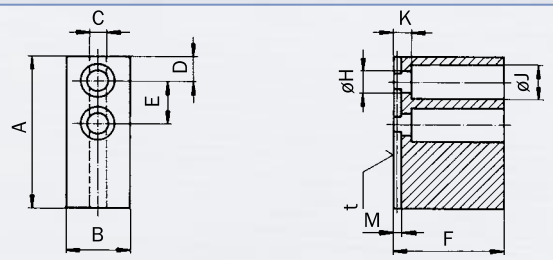
Weiche Aufsatzbacken WB
Ausführung 'Spitzverzahnung'

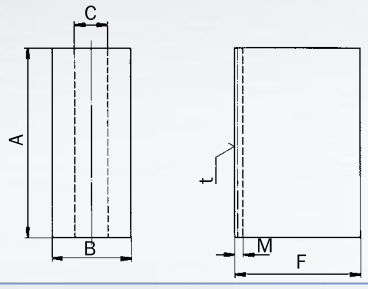
Soft top jaws WB
serrated style



Backentyp Jaw type	Futtergröße Chuck size	A	B	C	D + 0,05	E	F	H	J	K	M	t	kg / Stück kg / piece
WB 232	160	70	25	10	13	19	45	10,5	16,2	7	3,0	1/16"x 90°	0,45
WB 235	200	84	30	12	18	21	45	13,0	18,0	8	3,5	1/16"x 90°	0,90
WB 237	200	90	30	12	14	21	60	13,0	18,0	8	3,5	1/16"x 90°	1,00
WB 240	250	111	40	16	18	29	60	17,0	25,0	10	4,0	1/16"x 90°	1,80
WB 240	315	111	40	16	18	29	60	17,0	25,0	10	4,0	1/16"x 90°	1,80
WB 241	250	150	40	16	57	29	60	17,0	25,0	10	4,0	1/16"x 90°	2,31
WB 241	315	150	40	16	57	29	60	17,0	25,0	10	4,0	1/16"x 90°	2,31
WB 228	400	150	50	20	31	38	80	22,0	33,0	11	5,0	3/32"x 90°	2,80

Weiche Aufsatzbacken WBO
Ausführung 'Spitzverzahnung'
ohne Befestigungsbohrungen

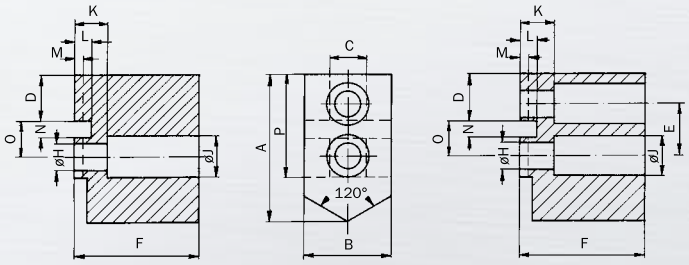
Soft top jaws WBO
serrated style
without fixing holes



Backentyp Jaw type	Futtergröße Chuck size	A	B	C	F	M	t	kg / Stück kg / piece
WBO 232	160	70	25	10	45	3,0	1/16"x 90°	0,60
WBO 235	200	84	30	12	45	3,5	1/16"x 90°	0,86
WBO 237	200	90	30	12	60	3,5	1/16"x 90°	1,24
WBO 240	250	111	40	16	60	4,0	1/16"x 90°	2,10
WBO 240	315	111	40	16	60	4,0	1/16"x 90°	2,10
WBO 241	250	150	40	16	60	4,0	1/16"x 90°	2,75
WBO 241	315	150	40	16	60	4,0	1/16"x 90°	2,75

Weiche Aufsatzbacken WB
Ausführung 'Kreuzversatz'

Soft top jaws WB
cross tenon style



Backentyp Jaw type	Futtergröße Chuck size	A	B	C	D	E	F	H	J	K	L	M	N	O	P	kg / Stück kg / piece
WB 252	KV160	70	28	16	21,0	25	45	14	20	15	10	4,5	10	17,5	52	-
WB 254	KV200	90	32	16	23,0	30	45	14	20	15	10	4,5	12	21,0	65	-
WB 256	KV250	120	40	20	28,0	40	60	18	26	15	10	4,5	16	28,0	89	-

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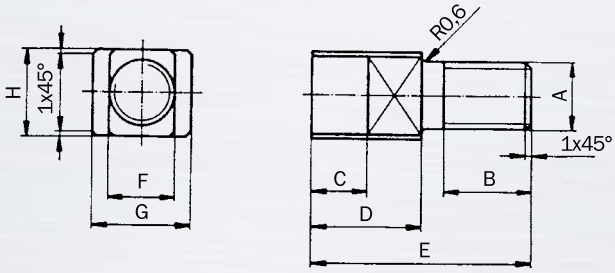
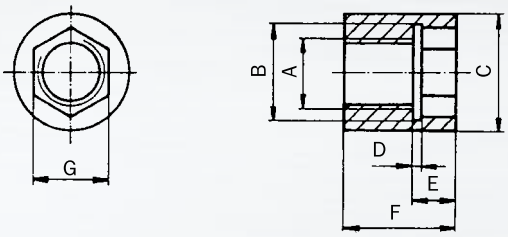
T-Nutenschrauben TS
T-Tenon screws TS



TYP | TYPE	Futtergröße Chuck size	A	B	C	D	E	F_{g6}	G	H
TS 10	160	M 10	12	9,3	20,3	35,3	10	16	13
TS 12	200	M 12	14	9,0	23,2	40,5	12	18	14
TS 16	250 315	M 16	18	12,0	26,7	50,0	16	24	18
TS 20	400	M 20	23	16,0	32,7	62,0	20	30	25

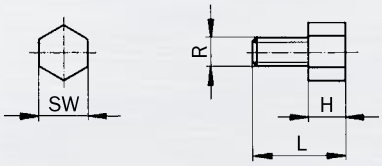
Mutter TM
Nuts TM



TYP | TYPE	Futtergröße Chuck size	A	B	C	D	E	F	G
TM 10/1	160	M 10	10,2	16,0	2,0	7	16	SW 8,1
TM 12/1	200	M 12	12,2	17,8	2,0	8	19	SW 10,1
TM 16/1	250 315	M 16	16,2	24,5	2,0	10	25	SW 14,1
TM 20/1	400	M 20	20,2	32,0	2,5	11	32	SW 17,1

Auflagebolzen AB ...
für Greiferbacken HGKHA und HGKHI
Werkstoff C 35 K

Supporting bolts AB
for gripper jaws HGKHA and HGKHI
Material C 35 K



TYP | TYPE	Futtergröße | Chuck size				H	L	SW	R
AB 56	160	200	250	315	5	13	10	M 6
AB 106	160	200	250	315	10	18	10	M 6
AB 156	160	200	250	315	15	23	10	M 6
AB 206	-	-	250	315	20	28	10	M 6
AB 58	-	-	400	-	5	17	14	M 8
AB 108	-	-	400	-	10	22	14	M 8
AB 158	-	-	400	-	15	27	14	M 8
AB 208	-	-	400	-	20	32	14	M 8

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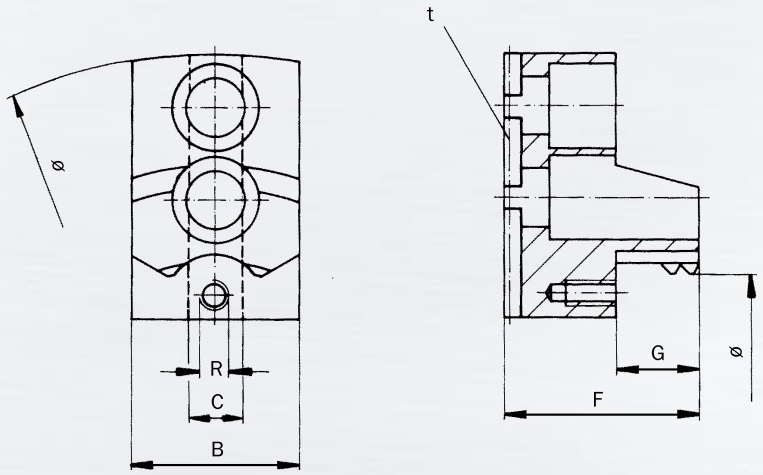
Harte Greiferbacken HGKHA
Ausführung 'Spitzverzahnung'
und Außenspannung

Hardened gripper jaws HGKHA
serrated style and external
chucking



Backentyp Jaw type	Futtergröße Jaw size	Außenspannung External chucking	Abmessungen | Dimensions						Schwingkreis Swing diameter	kg / Stück kg / piece
		Ø	B	C	F	G	R	t	Ø	
HGKHA 141	160	43 - 80	30	10	37,0	13	M 6	1/16"x 90°	178	0,27
HGKHA 142	160	68 - 105	30	10	37,0	13	M 6	1/16"x 90°	178	0,27
HGKHA 143	160	93 - 128	30	10	37,0	13	M 6	1/16"x 90°	178	0,27
HGKHA 144	160	118 - 155	30	10	37,0	13	M 6	1/16"x 90°	190	0,25
HGKHA 170	200	49 - 84	35	12	50,0	20	M 6	1/16"x 90°	210	0,48
HGKHA 171	200	63 - 98	35	12	50,0	20	M 6	1/16"x 90°	210	0,45
HGKHA 172	200	84 - 121	35	12	50,0	20	M 6	1/16"x 90°	210	0,47
HGKHA 173	200	106 - 143	35	12	50,0	20	M 6	1/16"x 90°	210	0,47
HGKHA 174	200	128 - 165	35	12	50,0	20	M 6	1/16"x 90°	210	0,47
HGKHA 175	200	150 - 187	35	12	50,0	20	M 6	1/16"x 90°	230	0,55
HGKHA 176	200	170 - 207	35	12	50,0	20	M 6	1/16"x 90°	250	0,63
HGKHA 250	250	72 - 104	45	16	60,0	22	M 6	1/16"x 90°	325	1,40
HGKHA 251	250	92 - 125	45	16	60,0	22	M 6	1/16"x 90°	266	0,95
HGKHA 252	250	126 - 160	45	16	60,0	22	M 6	1/16"x 90°	266	0,90
HGKHA 253	250	160 - 194	45	16	60,0	22	M 6	1/16"x 90°	266	0,93
HGKHA 254	250	194 - 228	45	16	60,0	22	M 6	1/16"x 90°	266	0,93
HGKHA 250	315	50 - 160	45	16	60,0	22	M 6	1/16"x 90°	384	1,40
HGKHA 251	315	117 - 188	45	16	60,0	22	M 6	1/16"x 90°	332	0,95
HGKHA 252	315	152 - 224	45	16	60,0	22	M 6	1/16"x 90°	332	0,90
HGKHA 253	315	186 - 258	45	16	60,0	22	M 6	1/16"x 90°	332	0,93
HGKHA 254	315	220 - 293	45	16	60,0	22	M 6	1/16"x 90°	332	0,93
HGKHA 401	400	63 - 135	50	20	78,4	33	M 8	3/32"x 90°	430	-
HGKHA 402	400	130 - 194	50	20	78,4	33	M 8	3/32"x 90°	430	2,13
HGKHA 403	400	183 - 255	60	20	78,4	33	M 8	3/32"x 90°	430	-
HGKHA 404	400	243 - 315	60	20	78,4	33	M 8	3/32"x 90°	430	1,97
HGKHA 405	400	273 - 346	60	20	78,4	33	M 8	3/32"x 90°	430	1,96

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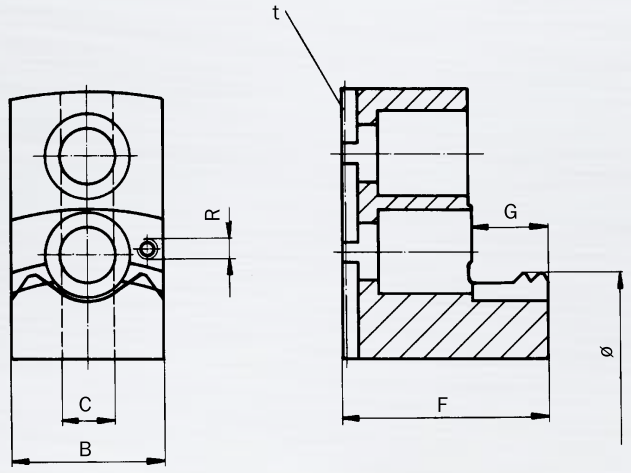
Harte Greiferbacken HGKHI
Ausführung 'Spitzverzahnung'
und Innenspannung

Hardened gripper jaws HGKHI
serrated style and internal
chucking



Backentyp Jaw type	Futtergröße Jaw size	Außenspannung Internal chucking	Abmessungen | Dimensions						Schwingkreis Swing diameter	kg / Stück kg / piece
		Ø	B	C	F	G	R	t	Ø	
HGKHI 141	160	38 - 74	30	10	37,0	13	M 6	1/16"x 90°	173	0,27
HGKHI 142	160	63 - 99	30	10	37,0	13	M 6	1/16"x 90°	173	0,27
HGKHI 143	160	93 - 130	30	10	37,0	13	M 6	1/16"x 90°	178	0,28
HGKHI 144	160	118 - 155	30	10	37,0	13	M 6	1/16"x 90°	180	0,25
HGKHI 171	200	70 - 108	35	12	50,0	20	M 6	1/16"x 90°	216	0,60
HGKHI 172	200	92 - 129	35	12	50,0	20	M 6	1/16"x 90°	216	0,53
HGKHI 173	200	114 - 151	35	12	50,0	20	M 6	1/16"x 90°	216	0,53
HGKHI 174	200	136 - 173	35	12	50,0	20	M 6	1/16"x 90°	216	0,53
HGKHI 175	200	158 - 196	35	12	50,0	20	M 6	1/16"x 90°	216	0,53
HGKHI 251	250	98 - 132	45	16	60,0	22	M 6	1/16"x 90°	271	1,20
HGKHI 252	250	134 - 166	45	16	60,0	22	M 6	1/16"x 90°	271	1,00
HGKHI 253	250	168 - 200	45	16	60,0	22	M 6	1/16"x 90°	271	0,80
HGKHI 254	250	202 - 235	45	16	60,0	22	M 6	1/16"x 90°	271	0,95
HGKHI 251	315	124 - 195	45	16	60,0	22	M 6	1/16"x 90°	336	1,20
HGKHI 252	315	158 - 230	45	16	60,0	22	M 6	1/16"x 90°	336	1,20
HGKHI 253	315	192 - 265	45	16	60,0	22	M 6	1/16"x 90°	336	0,95
HGKHI 254	315	226 - 299	45	16	60,0	22	M 6	1/16"x 90°	336	0,95
HGKHI 401	400	102 - 174	50	20	78,4	25	M 8	3/32"x 90°	436	2,94
HGKHI 402	400	153 - 225	50	20	78,4	33	M 8	3/32"x 90°	430	2,40
HGKHI 403	400	213 - 285	50	20	78,4	33	M 8	3/32"x 90°	430	1,93
HGKHI 404	400	273 - 345	60	20	78,4	33	M 8	3/32"x 90°	430	-
HGKHI 405	400	323 - 396	60	20	78,4	33	M 8	3/32"x 90°	460	-

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