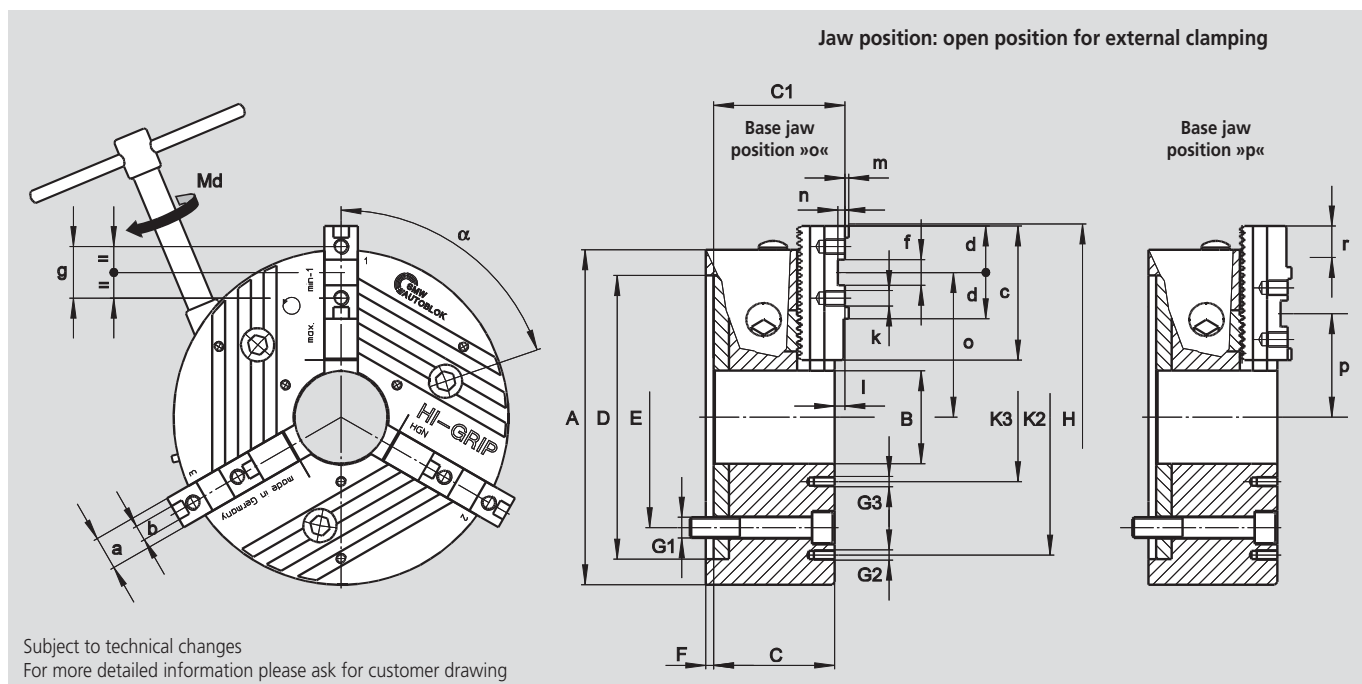


HG-N

QUICK JAW CHANGE
Jaw system original SMW

Manual chucks Ø 160 - 630 mm

Main dimensions and technical data



SMW-AUTOBLOK Type HG-N		160-46	210-60	260-81	315-102	400-128	500-165	630-254
Mounting	Size	Z140	Z170	Z220	Z300	Z380	Z380	Z380
	A	165	210	260	315	400	500	630
	B	46	60	81	102	128	165	254
	C	64	85.5	93.7	110.8	125	136	143
	C1	71	90.4	102	120.1	134.3	146	153
H6	D	140	170	220	300	380	380	380
	E	104.8	133.4	171.4	235	330.2	330.2	330.2
	F	5	6	6	6	6	8	8
	G1	M10	M12	M16	M20	M24	M24	M24
	G2	-	M10/3 x 120°	M10/3 x 120°	M10/3 x 120°	M12/3 x 120°	M16/9 x 40°	M16/6 x 60°
	G3	M5/3 x 120°	M6/3 x 120°	M8/3 x 120°	M10/3 x 120°	M12/3 x 120°	M12/3 x 120°	M12/3 x 120°
Swing dia.	H	194	244	300	358	426	530	685
	K2	-	168	210	268	330	420	550
	K3	75	75	95	120	152	195	290
	α°	76	74	71	71	71	71	74
	β°	-	60	60	60	60	20	30
Master jaw		GBK 160	GBK 200	GBK 250	GBK 315	GBK 400	GBK 500	GBK 630
	a	20	22	26	32	32	45	45
f7	b	8	10	12	12	12	18	18
	c	65	85	104	115	125	160	200
	d	28	33	36	36	43	50	50
H7	f	18	20	20	20 (26)	26	30	30
	g	32	40	40	40 (54)	54	60	60
Thread/thread depth	k	M8/12	M8/13	M12/15	M12/17	M12/17	M16/34	M16/34
	l	6	4.9	8.3	9.3	9.3	10	10
	m	2.5	2.5	3	3	3	4	4
	n	5	4.5	5.5	6	7	9	9
max./min.	o	69/51.2	88/64.5	112.4/79.4	141.3/102.8	168.8/113.8	211/141	291.5/200.5
max./min.	p	59.3/40.5	69/45.5	80.6/47.6	97.3/58.8	129.8/74.8	150/80	191.5/100.5
Base jaw tooth pitch	-	4.7	4.7	5.5	5.5	5.5	7	13
Master jaw offset	r	18.8	23.5	33	38.5	55	70	91
Master jaw offset	teeth	4	5	6	7	10	10	10
Usable jaw stroke	mm	5.9	6.4	7.4	9.6	11.4	11.5	13
max. total gripping force	kN	60	75	130	180	220	250	250
at max. torque Md	Nm	80	120	160	200	250	260	260
Speed	r.p.m	5500	4800	4200	3500	2700	1500	1000
Mass without jaws	kg	8.3	19	32	53	103	161	270
Moment of inertia	kg·m ²	0.03	0.09	0.25	0.60	1.9	4.5	12