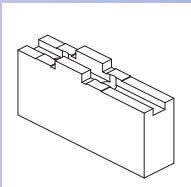


# Soft top jaws – TONGUE & GROOVE

SMW-AUTOBLOK | Forkardt | Samchully | Kitagawa | Röhme | Schunk



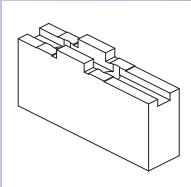
## WAK

Standard version  
16MnCr5

### Soft top jaws

- TONGUE & GROOVE
- For quick jaw change

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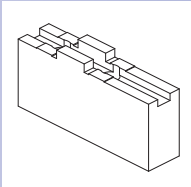
## WAKS

Wide version  
16MnCr5

### Soft top jaws

- TONGUE & GROOVE
- For quick jaw change

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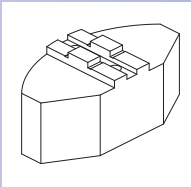
## WAK-A

Light version  
Aluminium F50

### Soft top jaws aluminium

- TONGUE & GROOVE
- For quick jaw change

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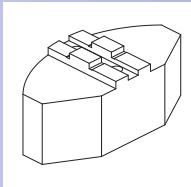
## SBK

16MnCr5

### Soft pie jaws

- TONGUE & GROOVE
- For quick jaw change

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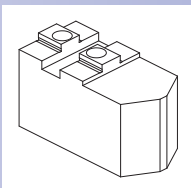
## SBK-A

Light version  
Aluminium F50

### Soft pie jaws aluminium

- TONGUE & GROOVE
- For quick jaw change

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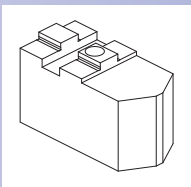
## WBR

16MnCr5

### Soft top jaws

- TONGUE & GROOVE
- For 2- and 3-jaw power chuck

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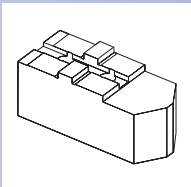
## WBK

16MnCr5/C45

### Soft top jaws

- TONGUE & GROOVE
- For 2- and 3-jaw power chuck

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## WAKA

C45

American Standard

### Soft top jaws

- TONGUE & GROOVE
- For 2-, 3- and 4-jaw power chuck
- For all chucks:  
American Standard

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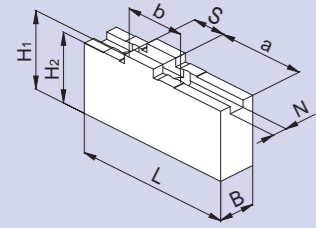
## Safety advice:

Top jaws are safety components, which can be under high load depending on their use.

Max grip forces and speeds must not be exceeded at any time.

For safety reasons all jaws as well as all T-nuts and bolts must be checked regularly for damage and cracks.

# WAK



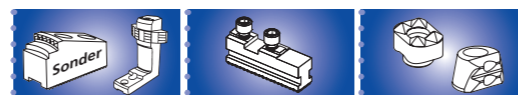
## Soft top jaws for quick jaw change

- Tongue & groove
- Material: 16MnCr5

Type	Id. No.	B	H <sub>1</sub>	H <sub>2</sub>	L	N	S	a	b	kg/ Set	SMW-AUTOBLOK
WAK 125-10	016633	20	30	27.5	55	14*	5*	25	20	0.61	
WAK 140-10	012490	20	40	36	69	8	18	26	32	0.89	KNCS-N 140
WAK 160-10	012491	20	40	36	85	8	18	42	32	1.15	HG-N 160 HG-F 160 KNCS-N 170 KNCS-2G 170
WAK 200-10	012492	22	46	42	105	10	20	50	40	1.91	HG-N 210 HG-F 210 KNCS-N 210 KNCS-N 225 KNCS-NB 210 KNCS-NB 225 KNCS-2G 210 KNCS-2G 225
WAK 250-10	012493	30	55.5	50.5	125	12	20	70	40	3.72	HG-N 260 HG-N 315 HG-F 260 KNCS-N 260/275 KNCS-N 325/340 KNCS-NB 260 KNCS-NB 325 KNCS-NB 340 KNCS-2G 260 KNCS-2G 325
WAK 400-10	012494	35	60	54	145	12	26	74	54	5.70	HG-N 400 HG-2G 400 HG-F 315 KNCS-N 400 KNCS-NB 400 KNCS-2G 400
WAK 500-10	012495	50	80	73	180	18	30	100	60	13.65	HG-N 500 HG-N 630 HG-2G 500 HG-2G 630 HG-F 400/ 500 KNCS-N 500 KNCS-N 630 KNCS-NB 500 KNCS-NB 630 KNCS-NB 800 KNCS-2G 500 KNCS-2G 630
WAK 630-10	080930	65	118	110	260	24	40	150	82	39.48	HG-F 630

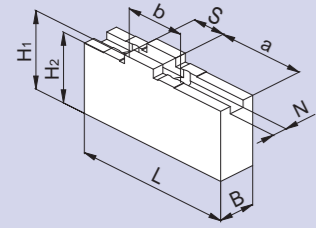
\* Groove  
Other dimensions on request.  
Use the data sheet on page 94 for ordering.

Forkardt	Samchully	Kitagawa	Röhm	Schunk
F 125 F+125			Duro 125	
F 160 KTNC 160 KTNCV 160 KTNCV 175 FNC 175 F+160	QJC-206	QJ 306	Duro-NC 140 Duro-NC 168 Duro 160 Duro-NC 160 Duro-NCE 160 Duro-NC 175 Duro-NCE 175 Duro-NCES 175	ROTA-S plus 160 ROTA THW 165 ROTA THW plus 165/185 ROTA-G 160 • THW165 ROTA-S 160 ROTA NCW 185 ROTA-NCR 200
F 200 KTNC 200 KTNCV 200 FNC 200 F+200	QJC-208	QJ 308 QJ 8" (QJ 210-43)	Duro 200 Duro-NC 200 Duro-NC 225 Duro-NCE 200 Duro-NCES 200	ROTA-S plus 200 ROTA THW 210 ROTA THW plus 215 ROTA-G 200 THW 210R/F ROTA NCW 225 ROTA-S 200 ROTA NCWF 210 ROTA THWB 210 ROTA THW vario 215
F 250 UNC 250/315 KTNC 250/265 KTNC 280/315 KTNCV 250 KTNCV 250 KTNCV 315 FNC 250 FNC 315 F+250	QJC-210 QJC-212	QJ 310 QJ 312 QJ 10" (QJ 254-65) QJ 12" (QJ 315-78)	Duro 250 Duro-NC 250 Duro-NCE 250 Duro-NCE 315 Duro-NCES 250 Duro-NCES 315	ROTA-S plus 250 ROTA-THW 250/315 ROTA THW plus 260/315 ROTA-G 250/315 THW 250/265-R/F ROTA NCW 265/315 ROTA-S 250 ROTA-NCWF 250/315 ROTA THWB 265 THW 315-R
F 315 UNC 400 KTNC 360 KTNC 400 KTNCV 400 FNC 400 F+315	QJC-215	QJ15	Duro 315 Duro-NC 315 Duro-NCE 400 Duro-NCES 400	ROTA-S plus 315 ROTA THW 400 THW 400-R/F ROTA-G 400 ROTA-S 315 ROTA THWB 315 THW315-F
F 400/500 L UNC 500 KTNC 500/630 KTNCV 500/630 FNC 500/630 F+400 F+500L	QJC-220	QJ21 QJ24	Duro 400/500 Duro-NC 400/500 Duro-NCE 500	ROTA-S plus 400/500 ROTA THW 500/630/800 ROTA-G 500 ROTA-S 400/500 THW 500-R/F ROTA THWB 400/500 THW 630-R
F 630 F+ 630			Duro 630 Duro-NC 630	ROTA-S plus 630/800/1000 ROTA-S 630/800/1000 ROTA-G 630



SMW-AUTOBLOK 94, 108, 184  
SMW-AUTOBLOK 112, 152  
SMW-AUTOBLOK 74

# WAKS

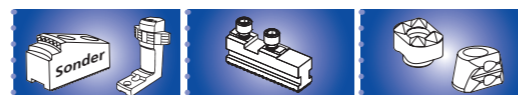


**Soft top jaws  
wide version, for quick jaw change**

- Tongue & groove
- Material: 16MnCr5

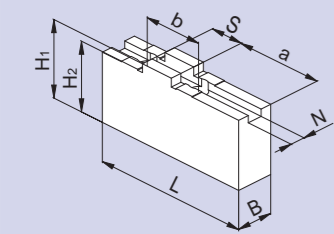
Type	Id. No.	B	H <sub>1</sub>	H <sub>2</sub>	L	N	S	a	b	kg/ Set	SMW-AUTOBLOK
WAKS 140-10	012496	35	40	36	63	8	18	26	32	1.62	KNCS-N 140
WAKS 160-10	080931	25	50	46	85	8	18	42	32	1.94	HG-N 160
WAKS 160-20	080932	30	55.5	51.5	85			48	32	2.69	HG-F 160
WAKS 160-30	080933	40	80	76	70			26	32	4.43	KNCS-N 170 KNCS-2G 170
WAKS 200-10	080934	30	55.5	51.5	100	10	20	57	40	3.21	HG-N 210
WAKS 200-20	080935	30	70	66	100			45	40	4.09	HG-F 210
WAKS 200-30	012497	40	40	36	70			27	40	2.11	KNCS-N 210
WAKS 200-31	080936	40	60	56	85			42	40	4.02	KNCS-N 225
WAKS 200-32	036733	40	80	76	95			52	40	6.19	KNCS-NB 210 KNCS-NB 225 KNCS-2G 210 KNCS-2G 225
WAKS 250-10	080937	40	60	55	125	12	20	70	40	5.70	HG-N 260
WAKS 250-11	080938	40	80	75	125			70	40	7.71	HG-N 315
WAKS 250-12	080939	40	100	95	125			70	40	9.75	HG-F 260
WAKS 250-13	080940	40	120	115	125			70	40	11.80	KNCS-N 260/275
WAKS 250-20	012498	60	60	55	90			44	40	6.30	KNCS-N 325/340
WAKS 250-21	080942	60	60	55	110			60	40	7.78	KNCS-NB 260
WAKS 250-22	080943	60	80	75	90			44	40	8.50	KNCS-NB 325
WAKS 250-23	080944	60	80	75	110			60	40	10.58	KNCS-NB 340
WAKS 250-30	012499	80	60	55	90			44	40	8.68	KNCS-2G 260
WAKS 250-31	080945	80	80	75	110			60	40	14.48	KNCS-2G 325
WAKS 400-10	080946	40	60	54	110	12	26	54	54	4.88	HG-N 400
WAKS 400-11	080947	40	60	54	145			89	54	6.60	HG-2G 400
WAKS 400-12	080948	40	100	94	145			89	54	11.44	HG-F 315
WAKS 400-13	080949	40	120	114	145			89	54	13.86	KNCS-N 400
WAKS 400-14	080950	40	150	144	145			89	54	17.49	KNCS-NB 400
WAKS 400-20	080951	60	60	54	110			54	54	7.73	KNCS-2G 400
WAKS 400-21	080952	60	80	74	110			54	54	10.52	
WAKS 400-22	080953	60	100	94	110			54	54	13.32	
WAKS 400-30	012500	80	70	64	100			44	54	11.38	
WAKS 500-10	080954	60	80	73	155	18	30	90	60	14.17	HG-N 500
WAKS 500-12	080956	60	120	113	155			90	60	21.91	HG-N 630
WAKS 500-20	080957	80	80	73	155			90	60	19.70	HG-2G 500
WAKS 500-21	080958	80	100	93	155			90	60	25.04	HG-2G 630
WAKS 500-30	012501	90	80	73	130			65	60	18.50	HG-F 400/500
WAKS 500-31	012502	100	80	73	150			85	60	24.28	KNCS-N 500 KNCS-N 630 KNCS-NB 500 KNCS-NB 630 KNCS-NB 800 KNCS-2G 500 KNCS-2G 630

Forkardt	Samchully	Kitagawa	Röhms	Schunk
F 160 KTNC 160 KTNCV 160 KTNCV 175 FNC 175 F+160	QJC-206	QJ306	Duro-NC 140 Duro-NC 168 Duro 160 Duro-NC 160 Duro-NC 175 Duro-NCE 160 Duro-NCE 175 Duro-NCES 175	ROTA-S plus 160 ROTA THW 165 ROTA THW plus 165/185 ROTA-G 160 THW165 ROTA-S 160 ROTA NCW 185 ROTA-NCR 200
F 200 KTNC 200 KTNCV 200 FNC 200 F+200	QJC-208	QJ308 QJ 8" (QJ 210-43)	Duro 200 Duro-NC 200 Duro-NC 225 Duro-NCE 200 Duro-NCES 200	ROTA-S plus 200 ROTA THW 210 ROTA THW plus 215 ROTA-G 200 THW 210R/F ROTA NCW 225 ROTA-S 200 ROTA NCWF 210 ROTA THWB 210 ROTA THW vario 215
F 250 UNC 250/315 KTNC 250/265 KTNC 280 KTNC 315 KTNCV 250 KTNCV 315 FNC 250 FNC 315 F+250	QJC-210 QJC-212	QJ310 QJ312 QJ 10" (QJ 254-65) QJ 12" (QJ 315-78)	Duro 250 Duro-NC 250 Duro-NCE 250 Duro-NCE 315 Duro-NCES 250 Duro-NCES 315	ROTA-S plus 250 ROTA-THW 250/315 ROTA THW plus 260/315 ROTA-G 250/315 THW 250/265-R/F ROTA NCW 265/315 ROTA-S 250 ROTA-NCWF 250/315 ROTA THWB 265 THW 315-R
F 315 UNC 400 KTNC 360 KTNC 400 KTNCV 400 FNC 400 F+315	QJC-215	QJ15	Duro 315 Duro-NC 315 Duro-NCE 400 Duro-NCES 400	ROTA-S plus 315 ROTA THW 400 THW 400-R/F ROTA-G 400 ROTA-S 315 ROTA THWB 315 THW 315-F
F 400/500 L UNC 500 KTNC 500/630 KTNCV 500/630 FNC 500/630 F+400 F+500	QJC-220	QJ21 QJ24	Duro 400/500 Duro-NC 400/500 Duro-NCE 500	ROTA-S plus 400/500 ROTA THW 500/630/800 ROTA-G 500 THW 630-R ROTA-S 400/500 THW 500-R/F ROTA THWB 400/500



SMW-AUTOBLOK 94, 108, 184    SMW-AUTOBLOK 112, 152    SMW-AUTOBLOK 74

# WAK-A

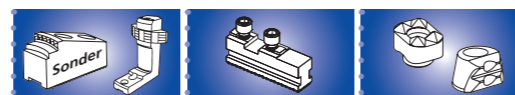


## Soft top jaws aluminium light version, for quick jaw change

- Tongue & groove
- Material: Aluminium (tensile strength ca. 500 N/mm<sup>2</sup>)

Type	Id. No.	B	H <sub>1</sub>	H <sub>2</sub>	L	N	S	a	b	kg/ Set	SMW-AUTOBLOK
WAK-A 160	080959	25	50	46	85	8	18	42	32	0.69	HG-N 160 HG-F 160 KNCS-N 170 KNCS-2G 170
WAK-A 200	080960	25	50	46	105	10	20	50	40	0.88	HG-N 210 HG-F 210 KNCS-N 210 KNCS-N 225 KNCS-NB 210 KNCS-NB 225 KNCS-2G 210 KNCS-2G 225
WAK-A 210	035222	40	60	56	90	10	20	43	40	1.54	HG-N 210 HG-F 210 KNCS-N 210 KNCS-N 225 KNCS-NB 210 KNCS-NB 225 KNCS-2G 210 KNCS-2G 225
WAK-A 250	080961	40	60	55	125	12	20	70	40	2.04	HG-N 260 HG-N 315 HG-F 260 KNCS-N 260/275 KNCS-N 325/340 KNCS-NB 260 KNCS-NB 325 KNCS-NB 340 KNCS-2G 260 KNCS-2G 325
WAK-A 400	080962	40	60	54	145	12	26	74	54	2.38	HG-N 400 HG-2G 400 HG-F 315 KNCS-N 400 KNCS-NB 400 KNCS-2G 400
WAK-A 500	035142	50	80	73	180	18	30	100	60	4.89	HG-N 500 HG-N 630 HG-2G 500 HG-2G 630 HG-F 400/500 KNCS-N 500 KNCS-N 630 KNCS-NB 500 KNCS-NB 630 KNCS-NB 800 KNCS-2G 500 KNCS-2G 630

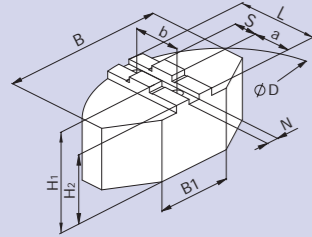
Forkardt	Samchully	Kitagawa	Röhm	Schunk
F 160 KTNC 160 KTNCV 160 KTNCV 175 FNC 175 F+160	QJC-206	QJ306	Duro 160 Duro-NC 160 Duro-NCE 160 Duro-NC 175 Duro-NCE 175 Duro-NCES 175	ROTA-S plus 160 ROTA THW 165 ROTA THW plus 165/185 ROTA-G 160 THW 165 ROTA-S 160 ROTA NCW 185 ROTA-NCR 200
F 200 KTNC 200 KTNCV 200 FNC 200 F+200	QJC-208	QJ 308 QJ 8" (QJ 210-43)	Duro 200 Duro-NC 200 Duro-NC 225 Duro-NCE 200 Duro-NCES 200	ROTA-S plus 200 ROTA THW 210 ROTA THW plus 215 ROTA-G 200 THW 210R/F ROTA NCW 225 ROTA-S 200 ROTA NCWF 210 ROTA THWB 210 ROTA THW vario 215
F 200 KTNC 200 KTNCV 200 FNC 200 F+200	QJC-208	QJ 308 QJ 8" (QJ 210-43)	Duro 200 Duro-NC 200 Duro-NC 225 Duro-NCE 200 Duro-NCES 200	ROTA-S plus 200 ROTA THW 210 ROTA THW plus 215 ROTA-G 200 THW 210R/F ROTA NCW 225 ROTA-S 200 ROTA NCWF 210 ROTA THWB 210 ROTA THW vario 215
F 250 UNC 250/315 KTNC 250/265 KTNC 280 KTNC 315 KTNCV 250 KTNCV 315 FNC 250 FNC 315 F+250	QJC-210 QJC-212	QJ 310 QJ 312 QJ 10" (QJ 254-65) QJ 12" (QJ 315-78)	Duro 250 Duro-NC 250 Duro-NCE 250 Duro-NCE 315 Duro-NCES 250 Duro-NCES 315	ROTA-S plus 250 ROTA-THW 250/315 ROTA THW plus 260/315 ROTA-G 250/315 THW 250/265-R/F ROTA NCW 265/315 ROTA-S 250 ROTA-NCWF 250/315 ROTA THWB 265 THW 315-R
F 315 UNC 400 KTNC 360 KTNC 400 KTNCV 400 FNC 400 F+315	QJC-215	QJ 15	Duro 315 Duro-NC 315 Duro-NCE 400 Duro-NCES 400	ROTA-S plus 315 ROTA THW 400 THW 400-R/F ROTA-G 400 ROTA-S 315 ROTA THWB 315 THW 315-F
F 400/500 L UNC 500 KTNC 500/630 KTNCV 500/630 FNC 500/630 F+400 F+500	QJC-220	QJ 21 QJ 24	Duro 400/500 Duro-NC 400/500 Duro-NCE 500	ROTA-S plus 400/500 ROTA THW 500/630/800 ROTA-G 500 THW 630-R ROTA-S 400/500 THW 500-R/F ROTA THWB 400/500



SMW-AUTOBLOK 94, 108, 184    SMW-AUTOBLOK 112, 152    SMW-AUTOBLOK 74

# SBK

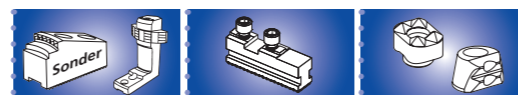
## Soft pie jaws for quick jaw change



- Tongue & groove
- Material: 16MnCr5

Type	Id. No.	B	B <sub>1</sub>	H <sub>1</sub>	H <sub>2</sub>	L	N	S	a	b	D	kg/ Set	SMW-AUTOBLOK
<b>SBK 160</b>	<b>080963</b>	120	40	50	46	60	8	18	23	32	160	4.89	HG-N 160 HG-F 160 KNCS-N 170 KNCS-2G 170
<b>SBK 200</b>	<b>080964</b>	140	64	60	56	70	10	20	27	40	200	9.01	HG-N 210 HG-F 210 KNCS-N 210 KNCS-N 225 KNCS-NB 210 KNCS-NB 225 KNCS-2G 210 KNCS-2G 225
<b>SBK 250</b>	<b>080965</b>	180	70	60	55	90	12	20	44	40	250	13.05	HG-N 260 HG-N 315 HG-F 260 KNCS-N 260/275 KNCS-N 325/340 KNCS-NB 260 KNCS-NB 325 KNCS-NB 340 KNCS-2G 260 KNCS-2G 325
<b>SBK 400</b>	<b>080966</b>	240	120	75	69	110	12	26	54	54	320	28.89	HG-N 400 HG-2G 400 HG-F 315 KNCS-N 400 KNCS-NB 400 KNCS-2G 400

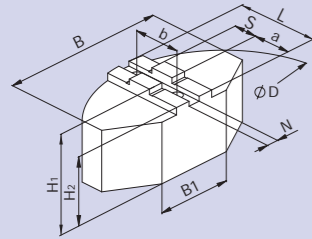
Forkardt	Samchully	Kitagawa	Röhm	Schunk
F 160 KTNC 160 KTNCV 160 KTNCV 175 FNC 175 F+160	QJC-206	QJ 306	Duro 160 Duro-NC 160 Duro-NCE 160 Duro-NC 175 Duro-NCE 175 Duro-NCES 175	ROTA-S plus 160 ROTA THW 165 ROTA THW plus 165/185 ROTA-G 160 THW 165 ROTA-S 160 ROTA NCW 185 ROTA-NCR 200
F 200 KTNC 200 KTNCV 200 FNC 200 F+200	QJC-208	QJ 308 QJ 8" (QJ 210-43)	Duro 200 Duro-NC 200 Duro-NC 225 Duro-NCE 200 Duro-NCES 200	ROTA-S plus 200 ROTA THW 210 ROTA THW plus 215 ROTA-G 200 THW 210R/F ROTA NCW 225 ROTA-S 200 ROTA NCWF 210 ROTA THWB 210 ROTA THW vario 215
F 250 UNC 250/315 KTNC 250/265 KTNC 280 KTNC 315 KTNCV 250 KTNCV 315 FNC 250 FNC 315 F+250	QJC-210 QJC-212	QJ 310 QJ 312 QJ 10" (QJ 254-65) QJ 12" (QJ 315-78)	Duro 250 Duro-NC 250 Duro-NCE 250 Duro-NCE 315 Duro-NCES 250 Duro-NCES 315	ROTA-S plus 250 ROTA-THW 250/315 ROTA THW plus 260/315 ROTA-G 250/315 THW 250/265-R/F ROTA NCW 265/315 ROTA-S 250 ROTA-NCWF 250/315 ROTA THWB 265 THW 315-R
F 315 UNC 400 KTNC 360 KTNC 400 KTNCV 400 FNC 400 F+315	QJC-215	QJ 15	Duro 315 Duro-NC 315 Duro-NCE 400 Duro-NCES 400	ROTA-S plus 315 ROTA THW 400 THW 400-R/F ROTA-G 400 ROTA-S 315 ROTA THWB 315 THW 315-F



SMW-AUTOBLOK 94, 108, 184    SMW-AUTOBLOK 112, 152    SMW-AUTOBLOK 74

# SBK-A

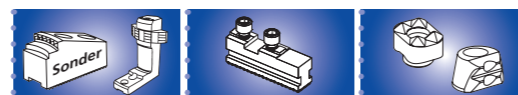
## Soft pie jaws aluminium light version, for quick jaw change



- Tongue & groove
- Material: Aluminium (tensile strength appr. 500 N/mm<sup>2</sup>)

Type	Id. No.	B	B <sub>1</sub>	H <sub>1</sub>	H <sub>2</sub>	L	N	S	a	b	D	kg/ Set	SMW-AUTOBLOK
<b>SBK-A 160</b>	<b>080967</b>	120	40	50	46	59.5	8	18	23	32	165	1.74	HG-N 160 HG-F 160 KNCS-N 170 KNCS-2G 170
<b>SBK-A 200</b>	<b>080968</b>	140	50	58	54	72.5	10	20	32	40	200	3.11	HG-N 210 HG-F 210 KNCS-N 210 KNCS-N 225 KNCS-NB 210 KNCS-NB 225 KNCS-2G 210 KNCS-2G 225
<b>SBK-A 250</b>	<b>080969</b>	180	70	58	53	87.5	12	20	44	40	250	4.31	HG-N 260 HG-N 315 HG-F 260 KNCS-N 260/275 KNCS-N 325/340 KNCS-NB 260 KNCS-NB 325 KNCS-NB 340 KNCS-2G 260 KNCS-2G 325
<b>SBK-A 400</b>	<b>080970</b>	240	80	75	69	117	12	26	54	54	320	10.40	HG-N 400 HG-2G 400 HG-F 315 KNCS-N 400 KNCS-NB 400 KNCS-2G 400
<b>SBK-A 500</b>	<b>085193</b>	330	150	90	82	160	18	30	95	60	440	21.63	HG-N 500 HG-N 630 HG-2G 500 HG-2G 630 HG-F 400 KNCS-N 500 KNCS-N 630 KNCS-NB 500 KNCS-NB 630 KNCS-NB 800 KNCS-2G 500 KNCS-2G 630

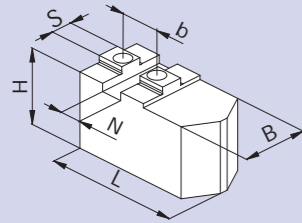
Forkardt	Samchully	Kitagawa	Röhm	Schunk
F 160 KTNC 160 KTNCV 160 KTNCV 175 FNC 175 F+160	QJC-206	QJ 306	Duro 160 Duro-NC 160 Duro-NC 175 Duro-NCE 160 Duro-NCE 175 Duro-NCES 175	ROTA-S plus 160 ROTA THW 165 ROTA THW plus 165/185 ROTA-G 160 THW 165 ROTA-S 160 ROTA NCW 185 ROTA-NCR 200
F 200 KTNC 200 KTNCV 200 FNC 200 F+200	QJC-208	QJ 308 QJ 8" (QJ 210-43)	Duro 200 Duro-NC 200 Duro-NC 225 Duro-NCE 200 Duro-NCES 200	ROTA-S plus 200 ROTA THW 210 ROTA THW plus 215 ROTA-G 200 THW 210R/F ROTA NCW 225 ROTA-S 200 ROTA NCWF 210 ROTA THWB 210 ROTA THW vario 215
F 250 UNC 250/315 KTNC 250/265 KTNCV 250 KTNC 280 KTNC 315 KTNCV 315 FNC 250 FNC 315 F+250	QJC-210 QJC-212	QJ 310 QJ 312 QJ 10" (QJ 254-65) QJ 12" (QJ 315-78)	Duro 250 Duro-NC 250 Duro-NCE 250 Duro-NCE 315 Duro-NCES 250 Duro-NCES 315	ROTA-S plus 250 ROTA-THW 250/315 ROTA THW plus 260/315 ROTA-G 250/315 THW 250/265-R/F ROTA NCW 265/315 ROTA-S 250 ROTA-NCWF 250/315 ROTA THWB 265 THW 315-R
F 315 UNC 400 KTNC 360 KTNC 400 KTNCV 400 FNC 400 F+315	QJC-215	QJ 15	Duro 315 Duro-NC 315 Duro-NCE 400 Duro-NCES 400	ROTA-S plus 315 ROTA THW 400 THW 400-R/F ROTA-G 400 ROTA-S 315 ROTA THWB 315 THW 315-F
F 400/500 L UNC 500 KTNC 500/630 KTNCV 500/630 FNC 500/630 F+400 F+500	QJC-220	QJ 21 QJ 24	Duro 400/500 Duro-NC 400/500 Duro-NCE 500	ROTA-S plus 400/500 ROTA THW 500/630/800 ROTA-G 500 THW 630-R ROTA-S 400/500 THW500-R/F ROTA THWB 400/500



SMW-AUTOBLOK 94, 108, 184    SMW-AUTOBLOK 112, 152    SMW-AUTOBLOK 74

# WBR

## Soft top jaws for 2- and 3-jaw power chuck

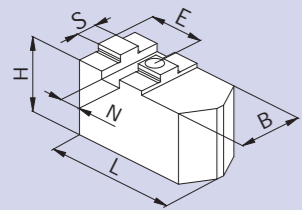


- Tongue & groove
- Material: 16MnCr5

Type	Id. No.	B	H	L	S	N	b	kg/ Set	SMW-AUTOBLOK	Röhml
WBR 1101	013843	25	30	51	8	8	15	0.65	HFKN-C 110	KFD 110 KFD 125

# WBK

## Soft top jaws for 2- and 3-jaw power chuck



- Tongue & groove
- Material: 16MnCr5/ \*C45

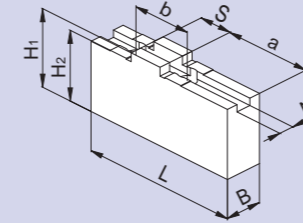
Type	Id. No.	B	H	L	S	N	E	kg	SMW-AUTOBLOK	Forkardt	Röhml	Schunk
WBK 0801*	90040800	30	30	38	8	8	14	0.18	CL-C 80			
WBK 0851**	080983	22	30	40	8	8	-	0.48			KFD 85	
WBK 0951**	080984	22	40	44.5	8	8	-	0.75			KFD 95	
WBK 1001*	90041000	30	30	48	8	8	20	0.23	CL-C 100			
WBK 1201*	90041300	35	35	57	14	16	27	0.40	CL-C 125	2 BLE 125	KFA 125	ROTA 2 B 125
									US 2 CL-C 125	2 BLN 125	KFD-G 125	
									CL-C 160	2 BLE 160	KFA 160	ROTA 2 B 160
									US 2 CL-C 160	2 BLE PK 160	KFD-G 160	
										2 BLN 160		

\* Material: C45 / Id. No. per piece (Weight per piece)

\*\* Jaws pointed / Id. No. per set (Weight per set / 3 pieces)

# WAKA

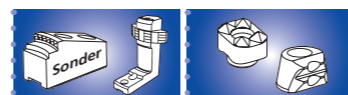
## Soft top jaws 2, 3 and 4 jaw versions for power chucks



- American Standard tongue and groove
- Material: C45

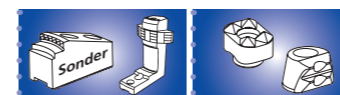
Type	Id. No.	B	H <sub>2</sub>	L	N	S	a	b	ISO 4762	kg/ piece	SMW-AUTOBLOK
WAKA 165*	12041660	30	32	80	7.94	12.68	43.66	38	M10	0.47	RAN 160 AN-C 165 HB-C 165 PB-C 165 PBI-C 165 AP-C 170 NT-C 170
WAKA 210*	12042060	35	37	100	7.94	12.68	58.66	44.4	M12	0.81	RAN 200 AN-C 210 HB-C 210 PB-C 210 PBI-C 210 AP-C 215 APL-C 215 NT-C 215
WAKA 250*	12042560	45	42	120	12.7	19.03	68.5	54	M16	1.40	AN-C 250 HB-C 250 PB-C 250 PBI-C 250 RAN 250 AP-C 260 APL-C 260 NT-C 260
WAKA 315*	12043060	50	47	140	12.7	19.03	80.48	63.5	M16	2.14	AN-C 315 HB-C 315 PB-C 315 PBI-C 315 RAN 315 AP-C 315 APL-C 315 NT-C 315
WAKA 400	12044050	60	55	165	12.7	19.03	95.49	76.2	M20	3.53	AN-C 400 AP-C 400 APL-C 315 NT-C 400 RAN 400
WAKA 500	12045050	75	70	165	12.7	19.03	95.48	76.2	M20	5.83	IL-C 500 IL-C 630 IL-C 800 IN-C 500 IN-C 630 IN-C 800

\* Jaws pointed



SMW-AUTOBLOK  
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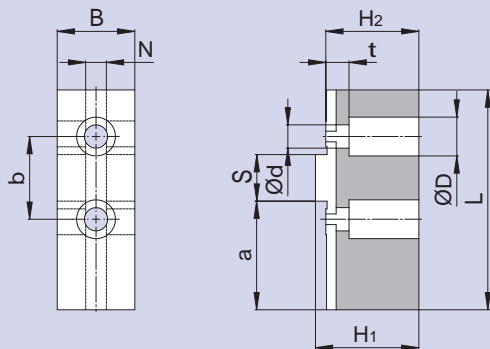
SMW-AUTOBLOK  
94, 108, 184

SMW-AUTOBLOK  
74

# Soft special jaws to customer request

- Simply copy and fax to: +49 (0) 7542 3886
- Download from [www.smw-autoblok.de](http://www.smw-autoblok.de)

## Soft top jaw-blanks



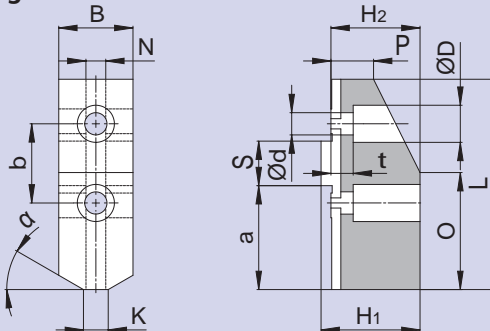
### Dimensions

a	mm	H2		mm
b	mm	L		mm
B	mm	N		mm
d	mm	S		mm
D	mm	t		mm
H1	mm			mm

### Material

Quantity in pieces  
Chuck manufacturer  
Chuck type + size

## Soft top jaw-blanks weight reduced



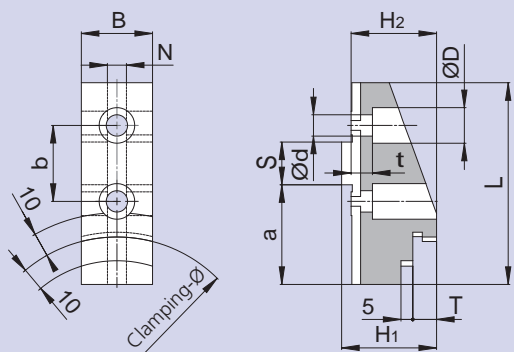
### Dimensions

a	mm	N		mm
b	mm	S		mm
B	mm	t		mm
d	mm	K		mm
D	mm	O		mm
H1	mm	P		mm
H2	mm	α		Grad
L	mm			

### Material

Quantity in pieces  
Chuck manufacturer  
Chuck type + size

## Soft top jaws for external clamping



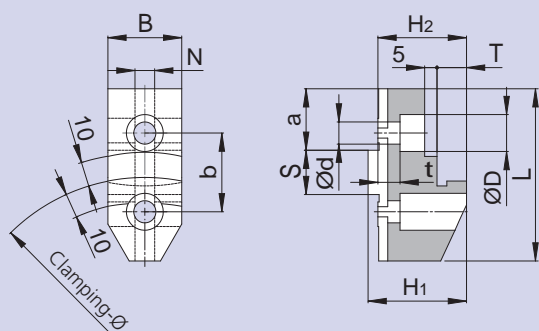
### Dimensions

a	mm	L		mm
b	mm	N		mm
B	mm	S		mm
d	mm	t		mm
D	mm	T		mm
H1	mm	Clamping-Ø		mm
H2	mm	Workpiece-Ø		mm

### Material

Quantity in pieces  
Chuck manufacturer  
Chuck type + size

## Soft top jaws for internal clamping



### Dimensions

a	mm	L		mm
b	mm	N		mm
B	mm	S		mm
d	mm	t		mm
D	mm	T		mm
H1	mm	Clamping-Ø		mm
H2	mm	Workpiece-Ø		mm

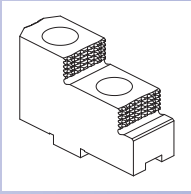
### Material

Quantity in pieces  
Chuck manufacturer  
Chuck type + size



# Hard top jaws – Tongue & groove

SMW-AUTOBLOK | Forkardt | Samchully | Kitagawa | Röhme | Schunk



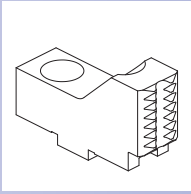
## GUA

Reversible

Hard top jaws

- Tongue & groove
- For quick jaw change
- For internal and external clamping

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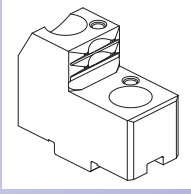


## GSK

Hard bar roughing jaws

- Tongue & groove
- For quick jaw change
- For external clamping

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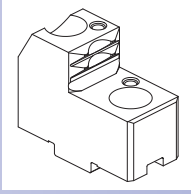
## GGK

For SMW-AUTOBLOK chucks

Hard roughing jaws

- Tongue & groove
- For quick jaw change
- For internal and external clamping

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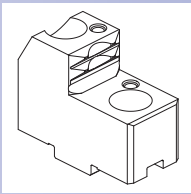
## GGK

For Forkardt chucks

Hard roughing jaws

- Tongue & groove
- For quick jaw change
- For internal and external clamping

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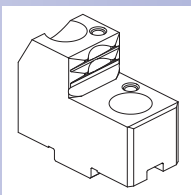
## GGK

For Samchully chucks

Hard roughing jaws

- Tongue & groove
- For quick jaw change
- For internal and external clamping

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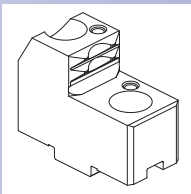
## GGK

For Kitagawa chucks

Hard roughing jaws

- Tongue & groove
- For quick jaw change
- For internal and external clamping

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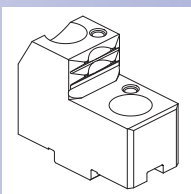
## GGK

For Röhme chucks

Hard roughing jaws

- Tongue & groove
- For quick jaw change
- For Röhme chucks
- For internal and external clamping

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## GGK

For Schunk chucks

Hard roughing jaws

- Tongue & groove
- For quick jaw change
- For internal and external clamping

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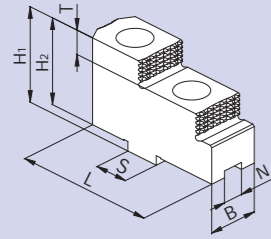
## Safety advice:

Top jaws are safety components, which can be under high load depending on their use.

Max grip forces and speeds must not be exceeded at any time.

For safety reasons all jaws as well as all T-nuts and bolts must be checked regularly for damage and cracks.

# GUA



## Hard, reversible top jaws for quick jaw change

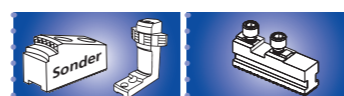
- Tongue & groove
- For internal and external clamping



Only jaws that are ground on the chuck under clamping condition guarantee highest repeatability.

Type	Id. No.	B	H <sub>1</sub>	H <sub>2</sub>	L	T	N	S	kg/ Set	SMW-AUTOBLOK
<b>GUA 160</b>	<b>012484</b>	20	36.5	32.5	63.60	7.5	8	18	0.59	HG-N 160 HG-F 160 KNCS-N 170 KNCS-2G 170
<b>GUA 200</b>	<b>012485</b>	22	43	39	74.95	10	10	20	0.92	HG-N 210 HG-F 210 KNCS-N 210 KNCS-N 225 KNCS-NB 210 KNCS-NB 225 KNCS-2G 210 KNCS-2G 225
<b>GUA 250</b>	<b>012486</b>	30	55	50	89.50	14	12	20	1.95	HG-N 260 HG-N 315 HG-F 260 KNCS-N 260/275 KNCS-N 325/340 KNCS-NB 260 KNCS-NB 325 KNCS-NB 340 KNCS-2G 260 KNCS-2G 325
<b>GUA 400</b>	<b>012487</b>	35	62	56	105.5	15	12	26	3.25	HG-N 400 HG-2G 400 HG-F 315 KNCS-N 400 KNCS-NB 400 KNCS-2G 400
<b>GUA 500</b>	<b>012488</b>	45	80.5	73	130	20	18	30	6.57	HG-N 500 HG-N 630 HG-2G 500 HG-2G 630 HG-F 400/500 KNCS-N 500 KNCS-N 630 KNCS-NB 500 KNCS-NB 630 KNCS-NB 800 KNCS-2G 500 KNCS-2G 630
<b>GUA 631</b>	<b>035959</b>	65	105	97	185	30	24	40	18.71	HG-F 630

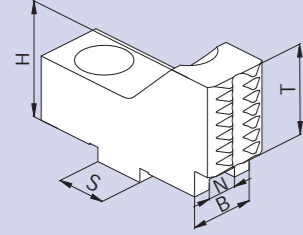
Forkardt	Samchully	Kitagawa	Röhm	Schunk
F 160 KTNC 160 KTNCV 160 KTNCV 175 FNC 175 F+160	QJC-206	QJ 306	Duro 160 Duro-NC 160 Duro-NCE 160 Duro-NC 175 Duro-NCE 175 Duro-NCES 175	ROTA-S plus 160 ROTA THW 165 ROTA THW plus 165/185 ROTA-G 160 THW 165 ROTA-S 160 ROTA NCW 185 ROTA-NCR 200
F 200 KTNC 200 KTNCV 200 FNC 200 F+200	QJC-208	QJ 308 QJ 8" (QJ 210-43)	Duro 200 Duro-NC 200 Duro-NC 225 Duro-NCE 200 Duro-NCES 200	ROTA-S plus 200 ROTA THW 210 ROTA THW plus 215 ROTA-G 200 THW 210 R/F ROTA NCW 225 ROTA-S 200 ROTA NCWF 210 ROTA THWB 210 ROTA THW vario 215
F 250 UNC 250/315 KTNC 250/265 KTNC 280 KTNC 315 KTNCV 250 KTNCV 315 FNC 250 FNC 315 F+250	QJC-210 QJC-212	QJ 310 QJ 312 QJ 10" (QJ 254-65) QJ 12" (QJ 315-78)	Duro 250 Duro-NC 250 Duro-NCE 250 Duro-NCE 315 Duro-NCES 250 Duro-NCES 315	ROTA-S plus 250 ROTA-THW 250/315 ROTA THW plus 260/315 ROTA-G 250/315 THW 250/265-R/F ROTA NCW 265/315 ROTA-S 250 ROTA-NCWF 250/315 ROTA THWB 265 THW 315-R
F 315 UNC 400 KTNC 360 KTNC 400 KTNCV 400 FNC 400 F+315	QJC-215	QJ 15	Duro 315 Duro-NC 315 Duro-NCE 400 Duro-NCES 400	ROTA-S plus 315 ROTA THW 400 THW 400-R/F ROTA-G 400 ROTA-S 315 ROTA THWB 315 THW 315-F
F 400/500 L UNC 500 KTNC 500/630 KTNCV 500/630 FNC 500/630 F+400 F+500	QJC-220	QJ 21 QJ 24	Duro 400/500 Duro-NC 400/500 Duro-NCE 500	ROTA-S plus 400/500 ROTA THW 500/630/800 ROTA-G 500 THW 630-R ROTA-S 400/500 THW 500-R/F ROTA THWB 400/500
F 630 F+ 630			Duro 630 Duro-NC 630	ROTA-S plus 630/800/1000 ROTA-S 630/800/1000 ROTA-G 630



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108, 184

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**GSK**



**Hard bar roughing jaws  
for quick jaw change**

- Tongue and groove
- For external clamping

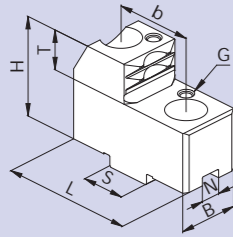
Type	Id. No.	Clamping ranges Ø	B	H	T	N	S	kg/ Set	SMW-AUTOBLOK
<b>GSK 160</b>	<b>091359</b>	12-40	22	40	30	8	18	0.68	HG-N 160 HG-F 160 KNCS-N 170 KNCS-2G 170
<b>GSK 200</b>	<b>091360</b>	15-50	22	45	37	10	20	0.85	HG-N 210 HG-F 210 KNCS-N 210 KNCS-N 225 KNCS-NB 210 KNCS-2G 210 KNCS-2G 225
<b>GSK 250</b>	<b>091361</b>	15-60	26	45	35	12	20	1.13	HG-N 260 HG-N 315 HG-F 260 KNCS-N 260/275 KNCS-N 325/340 KNCS-NB 260 KNCS-NB 325 KNCS-NB 340 KNCS-2G 260 KNCS-2G 325
<b>GSK 400</b>	<b>091362</b>	30-90	32	50	40	12	26	2.15	HG-N 400 HG-2G 400 HG-F 315 KNCS-N 400 KNCS-NB 400 KNCS-2G 400

Forkardt	Samchully	Kitagawa	Röhm	Schunk
F 160 KTNC 160 KTNCV 160 KTNCV 175 FNC 175 F+160	QJC-206	QJ 306	Duro 160 Duro-NC 160 Duro-NCE 160 Duro-NC 175 Duro-NCE 175 Duro-NCES 175	ROTA-S plus 160 ROTA THW 165 ROTA THW plus 165/185 ROTA-G 160 THW 165 ROTA-S 160 ROTA NCW 185 ROTA-NCR 200
F 200 KTNC 200 KTNCV 200 FNC 200 F+200	QJC-208	QJ 308 QJ 8" (QJ 210-43)	Duro 200 Duro-NC 200 Duro-NC 225 Duro-NCE 200 Duro-NCES 200	ROTA-S plus 200 ROTA THW 210 ROTA THW plus 215 ROTA-G 200 THW 210R/F ROTA NCW 225 ROTA-S 200 ROTA NCWF 210 ROTA THWB 210 ROTA THW vario 215
F 250 UNC 250/315 KTNC 250/265 KTNCV 250 KTNC 280 KTNC 315 KTNCV 315 FNC 250 FNC 315 F+250	QJC-210 QJC-212	QJ 310 QJ 312 QJ 10" (QJ 254-65) QJ 12" (QJ 315-78)	Duro 250 Duro-NC 250 Duro-NCE 250 Duro-NCE 315 Duro-NCES 250 Duro-NCES 315	ROTA-S plus 250 ROTA-THW 250/315 ROTA THW plus 260/315 ROTA-G 250/315 THW 250/265-R/F ROTA NCW 265/315 ROTA-S 250 ROTA-NCWF 250/315 ROTA THWB 265 THW 315-R
F 315 UNC 400 KTNC 360 KTNC 400 KTNCV 400 FNC 400 F+315	QJC-215	QJ 15	Duro 315 Duro-NC 315 Duro-NCE 400 Duro-NCES 400	ROTA-S plus 315 ROTA THW 400 THW 400-R/F ROTA-G 400 ROTA-S 315 ROTA THWB 315 THW 315-F



SMW-AUTOBLOK 108, 184  
SMW-AUTOBLOK 112, 152

# GGK



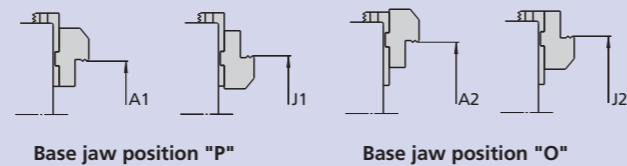
## Hard roughing jaws for SMW-AUTOBLOK chucks with quick jaw change

- Tongue & groove
- For internal and external clamping

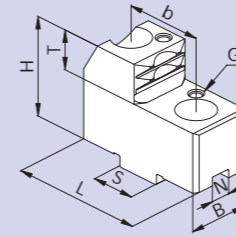
Type	Id. No.	B	H	T	G	N	S	b	L	kg/Set	SMW-AUTOBLOK	Clamping ranges Ø*		Clamping ranges Ø*	
												External-A <sub>1</sub>	Internal-J <sub>1</sub>	External-A <sub>2</sub>	Internal-J <sub>2</sub>
GGK 1751	012464	25	40	16	M5	8	18	32	64	0.91	KNCS-N 140	25-53	125-162	-	-
GGK 1752	012465											36-56	128-168	-	-
GGK 1753	012466											55-81	101-135	-	-
GGK 1754	012467											80-105	75-109	-	-
GGK 1751	012464	25	40	16	M5	8	18	32	64	0.91	KNCS-N 170	25-62	133-171	33-80	155-190
GGK 1753	012466											52-89	107-145	70-107	125-163
GGK 1754	012467											77-115	81-118	95-133	99-137
GGK 2001	012469	28	45	20	M5	10	20	40	88	1.52	KNCS-N 210	29-59	187-252	36-87	-
GGK 2002	012470											57-122	121-186	94-150	158-215
GGK 2003	012471											93-149	85-140	131-187	122-178
GGK 2004	012472											152-208	62-100	189-246	72-137
GGK 2001	012469	28	45	20	M5	10	20	40	88	1.52	KNCS-N 225	30-69	-	45-106	-
GGK 2002	012470											67-132	131-197	105-170	169-235
GGK 2003	012471											104-169	95-160	141-207	134-199
GGK 2004	012472											-	68-110	-	74-148
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	KNCS-N 260	45-85	197-274	61-148	254-342
GGK 2502	012474											78-154	132-208	141-218	195-272
GGK 2503	012475											107-184	109-175	159-247	152-238
GGK 2504	012476											-	-	-	80-156
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	KNCS-N 275	49-100	201-289	65-163	258-357
GGK 2502	012474											82-169	136-223	145-233	199-287
GGK 2503	012475											111-199	113-190	163-262	156-253
GGK 2504	012476											-	-	-	84-171
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	KNCS-N 325	40-126	207-320	104-214	295-406
GGK 2502	012474											86-196	138-248	173-284	225-336
GGK 2503	012475											115-226	109-218	203-314	196-306
GGK 2505	012477											197-285	78-164	261-371	139-249
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	KNCS-N 340	60-126	236-326	-	326-396
GGK 2502	012474											116-201	-	196-288	-
GGK 2503	012475											-	136-236	232-318	-
GGK 2504	012476											-	108-186	-	-
GGK 4001	012478	50	55	25	M8	12	26	54	104	4.01	KNCS-N 400	78-188	258-378	143-263	333-453
GGK 4002	012479											-	140-263	258-378	-
GGK 4003	012480											-	118-243	-	-
GGK 5001	012481	60	74	35	M8	18	30	60	125	7.58	KNCS-N 500	100-210	280-420	210-350	415-560
GGK 5002	012482											-	155-295	330-470	-
GGK 5003	012483											-	100-240	-	-
GGK 5001	012481	50	56	25	M8	18	30	60	136	4.96	KNCS-NB 500	-	100-240	-	-
GGK 5002	012482											-	-	-	-
GGK 5003	012483											-	-	-	-
GGK 5001	012481	60	74	35	M8	18	30	60	125	7.58	KNCS-N 630	80-240	265-450	240-440	460-650
GGK 5002	012482											-	140-320	380-560	-
GGK 5003	012483											-	100-240	-	-

\* Clamping range valid for chuck type KNCS-N, KNCS-NB and KNCS-2G

### Clamping ranges



# GGK



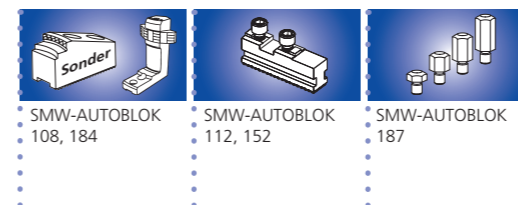
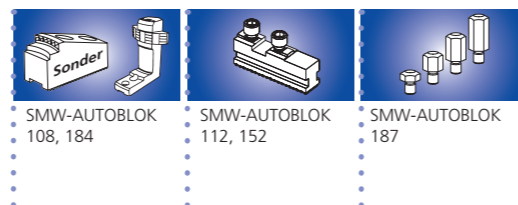
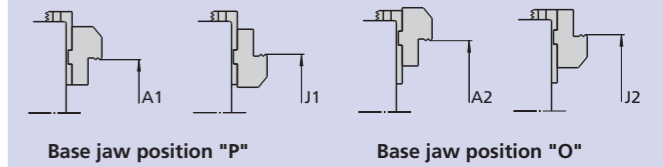
## Hard roughing jaws for SMW-AUTOBLOK chucks with quick jaw change

- Tongue & groove
- For internal and external clamping

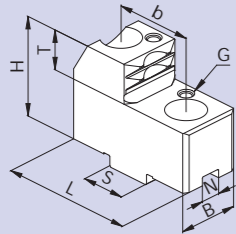
Type	Id. No.	B	H	T	G	N	S	b	L	kg/Set	SMW	Clamping ranges Ø*		Clamping ranges Ø*	
												External-A <sub>1</sub>	Internal-J <sub>1</sub>	External-A <sub>2</sub>	Internal-J <sub>2</sub>
GGK 1751	012464	25	40	16	M5	8	18	32	64	0.91	KNCS 175	25-58	-	-	-
GGK 1752	012465											-	138-168	38-72	-
GGK 1753	012466											-	110-140	68-100	-
GGK 1754	012467											-	80-112	96-130	-
GGK 2001	012469	28	45	20	M5	10	20	40	88	1.52	KNCS 200	60-100	125-165	95-135	160-200
GGK 2002	012470											-	88-130	130-172	-
GGK 2003	012471											-	-	-	-
GGK 2004	012472											-	-	-	62-106
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	KNCS 250	40-64	190-250	64-128	252-310
GGK 2502	012474											-	120-190	128-195	-
GGK 2503	012475											-	104-150	160-224	-
GGK 2504	012476											-	-	-	75-125
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	KNCS 260	40-75	193-266	65-135	255-330
GGK 2502	012474											-	123-195	134-207	-
GGK 2503	012475											-	102-174	163-237	-
GGK 2504	012476											-	-	-	70-142
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	KNCS 315	49-95	202-288	95-180	288-370
GGK 2503	012475											-	102-202	180-280	-
GGK 2505	012477											-	82-150	-	-
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	KNCS 315-91	45-110	210-200	110-200	300-370
GGK 2503	012475											-	110-210	200-290	-
GGK 2505	012477											-	82-160	-	-
GGK 4001	012478	50	55	25	M8	12	26	54	104	4.01	KNCS 400	50-160	230-350	115-235	305-425
GGK 4002	012479											-	112-235	230-350	-
GGK 4003	012480											-	90-215	-	-
GGK 5001	012481	60	74	35	M8	18	30	60	125	7.58	KNCS 500	80-190	260-400	170-310	375-520
GGK 5002	012482											-	135-275	290-430	-
GGK 5003	012483											-	100-220	-	-
GGK 5001	012481	50	56	25	M8	18	30	60	125	7.58	KNCS 630	80-240	265-450	240-440	460-650
GGK 5002	012482											-	140-320	380-560	-
GGK 5003	012483											-	100-220	-	-

\* Clamping range valid for chuck type KNCS

### Clamping range



# GGK



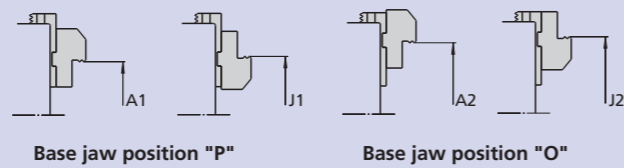
## Hard roughing jaws for Forkardt chucks with quick jaw change

- Tongue & groove
- For internal and external clamping

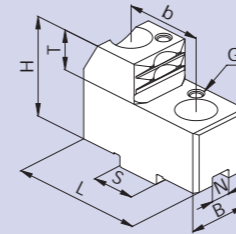
Type	Id. No.	B	H	T	G	N	S	b	L	kg/Set	Forkardt	Clamping ranges Ø*		Clamping ranges Ø*	
												External-A <sub>1</sub>	Internal-J <sub>1</sub>	External-A <sub>2</sub>	Internal-J <sub>2</sub>
GGK 1751	012464	25	40	16	M5	8	18	32	64	0.91	3 KTNC 160	25-38	-	-	-
GGK 1752	012465								68	0.92	KTNCV 160	-	135-150	45-72	-
GGK 1753	012466								60	0.88	F 160	-	105-122	72-102	-
GGK 1754	012467								56	0.80	F+160	-	78-94	102-128	-
GGK 2001	012469	28	45	20	M5	10	20	40	88	1.52	3 KTNC 200	-	-	38-65	-
GGK 2002	012470								66	1.28	F 200	52-78	120-140	95-125	160-190
GGK 2003	012471								66	1.19	F+200	-	82-105	130-160	-
GGK 2004	012472		40	15					87	1.39	-	-	-	-	65-95
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	3 KTNC 250	-	180-216	72-102	262-290
GGK 2502	012474								72	2.08	F 250	-	120-150	140-172	-
GGK 2503	012475								78	2.19	F+250	-	104-120	170-202	-
GGK 2504	012476								110	2.88	-	-	-	-	80-108
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	3 KTNC 280	38-52	190-242	74-128	262-310
GGK 2502	012474								72	2.08	-	-	120-174	142-195	-
GGK 2505	012477		43	15					98	2.49	-	-	-	-	78-130
GGK 4001	012478	50	55	25	M8	12	26	54	104	4.01	3 KTNC 360	50-110	220-300	105-190	295-380
GGK 4002	012479								91	3.58	F 315	140-225	110-185	220-305	-
GGK 4003	012480								147	5.50	F+315	-	90-215	-	-
GGK 5001	012481	60	74	35	M8	18	30	60	125	7.58	3 KTNC 500	70-190	245-400	150-310	370-520
GGK 5002	012482								108	6.67	F+400	150-310	130-275	280-430	244-400
GGK 5003	012483	50	56	25	M8	18	30	60	136	4.96	F 500 L	-	110-220	-	-
											F+500 L	-	-	-	-
GGK 5001	012481	60	74	35	M8	18	30	60	125	7.58	3 KTNC 630	70-300	225-510	150-420	360-630
GGK 5002	012482								108	6.67	-	150-430	140-390	270-550	244-520
GGK 5003	012483	50	56	25					136	4.96	-	-	100-220	-	-

\* Clamping ranges subjected to technical changes

### Clamping ranges



# GGK



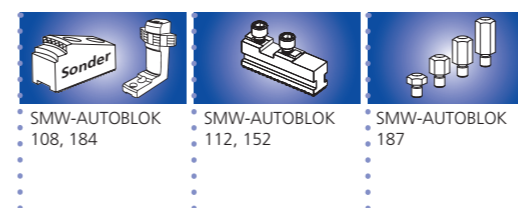
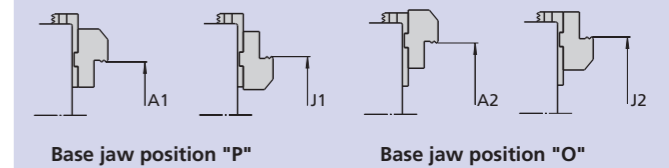
## Hard roughing jaws for Forkardt chucks with quick jaw change

- Tongue & groove
- For internal and external clamping

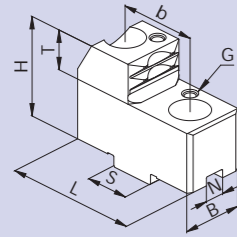
Type	Id. No.	B	H	T	G	N	S	b	L	kg/Set	Forkardt	Clamping ranges Ø*		Clamping ranges Ø*	
												External-A <sub>1</sub>	Internal-J <sub>1</sub>	External-A <sub>2</sub>	Internal-J <sub>2</sub>
GGK 1751	012464	25	40	16	M5	8	18	32	64	0.91	KTNCV 175	30-80	-	-	-
GGK 1752	012465								68	0.92	FNC 175	-	126-190	48-110	160-220
GGK 1753	012466								60	0.88	-	-	-	80-140	142-202
GGK 1754	012467								56	0.80	-	-	84-148	104-166	118-180
GGK 2001	012469	28	45	20	M5	10	20	40	88	1.52	KTNCV 200	44-106	-	-	-
GGK 2002	012470								66	1.28	FNC 200	58-120	120-180	100-162	172-234
GGK 2003	012471								66	1.19	-	96-158	90-152	142-204	136-198
GGK 2004	012472		40	15					87	1.39	-	-	55-95	-	65-95
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	KTNCV 250	40-90	200-285	80-170	272-360
GGK 2502	012474								72	2.08	FNC 250	75-163	128-216	150-238	220-308
GGK 2503	012475								78	2.19	-	95-183	102-190	172-260	172-260
GGK 2504	012476								110	2.88	-	-	75-100	-	88-176
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	KTNC 315	40-118	200-320	80-200	275-395
GGK 2502	012474								72	2.08	KTNCV 315	65-185	125-245	150-270	202-322
GGK 2505	012477		43	15					98	2.49	FNC 315	-	73-190	180-300	170-290
GGK 4001	012478	50	55	25	M8	12	26	54	104	4.01	KTNC 400	50-180	220-340	100-265	315-425
GGK 4002	012479								91	3.58	KTNCV 400	140-260	120-220	220-340	185-305
GGK 4003	012480								147	5.50	FNC 400	-	95-215	-	-
GGK 5001	012481	60	74	35	M8	18	30	60	125	7.58	KTNCV 500	60-235	255-440	160-350	375-560
GGK 5002	012482								108	6.67	FNC 500	-	-	280-470	255-445
GGK 5003	012483	50	56	25	M8	18	30	60	136	4.96	-	-	110-280	-	-
GGK 5001	012481	60	74	35	M8	18	30	60	125	7.58	KTNCV 630	60-335	225-525	160-460	375-675
GGK 5002	012482								108	6.67	FNC 630	-	-	280-580	255-555
GGK 5003	012483	50	56	25					136	4.96	-	110-380	-	-	-

\* Clamping ranges subjected to technical changes

### Clamping ranges



# GGK



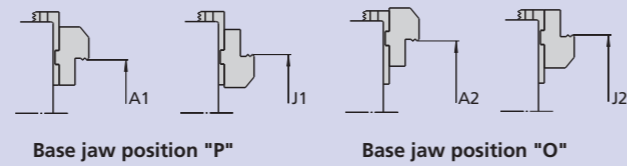
## Hard roughing jaws for Samchully chucks with quick jaw change

- Tongue & groove
- For internal and external clamping

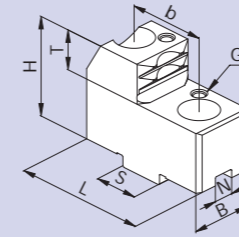
Type	Id. No.	B	H	T	G	N	S	b	L	kg/Set	Samchully	Clamping ranges Ø*		Clamping ranges Ø*	
												External-A <sub>1</sub>	Internal-J <sub>1</sub>	External-A <sub>2</sub>	Internal-J <sub>2</sub>
GGK 1751	012464	25	40	16	M5	8	18	32	64	0.91	QJC-206	25-62	133-171	33-80	155-190
GGK 1752	012465								68	0.92		32-61	134-172	42-79	153-181
GGK 1753	012466								60	0.88		52-89	107-145	70-107	125-163
GGK 1754	012467								56	0.80		77-115	81-118	95-133	99-137
GGK 2001	012469	28	45	20	M5	10	20	40	88	1.52	QJC-208	30-69	-	45-106	-
GGK 2002	012470								66	1.28		67-132	131-197	105-170	169-235
GGK 2003	012471								66	1.19		104-169	95-160	141-207	134-199
GGK 2004	012472		40	15					87	1.39		-	68-110	-	74-148
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	QJC-210	45-85	197-274	61-148	254-342
GGK 2502	012474								72	2.08		78-154	132-208	141-218	195-272
GGK 2503	012475								78	2.19		107-184	109-175	159-247	152-238
GGK 2504	012476								110	2.88		-	-	-	80-156
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	QJC-212	40-126	207-320	104-214	295-406
GGK 2502	012474								72	2.08		86-196	138-248	173-284	225-336
GGK 2503	012475								78	2.19		115-226	109-218	203-314	196-306
GGK 2505	012477		43	15					98	2.49		197-285	78-164	261-371	139-249
GGK 4001	012478	50	55	25	M8	12	26	54	104	4.01	QJC-215	78-188	258-378	143-263	333-453
GGK 4002	012479								91	3.58		-	140-263	258-378	-
GGK 4003	012480								147	5.50		-	118-243	-	-
GGK 5001	012481	60	74	35	M8	18	30	60	125	7.58	QJC-220	100-210	280-420	210-350	415-560
GGK 5002	012482								108	6.67		-	155-295	330-470	-
GGK 5003	012483	50	56	25	M8	18	30	60	136	4.96		-	100-240	-	-

\* Clamping ranges subjected to technical changes

### Clamping ranges



# GGK



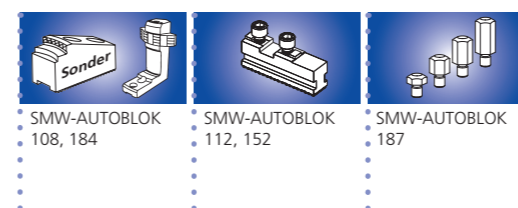
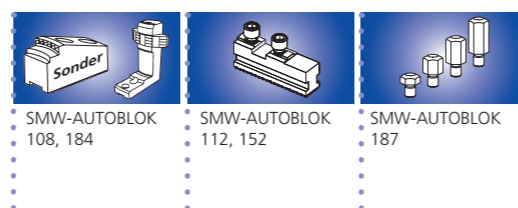
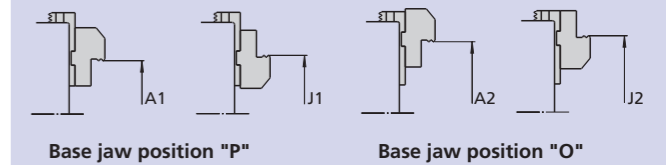
## Hard roughing jaws for Kitagawa chucks with quick jaw change

- Tongue & groove
- For internal and external clamping

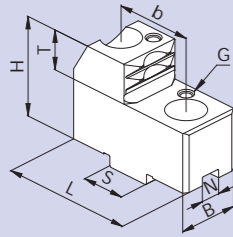
Type	Id. No.	B	H	T	G	N	S	b	L	kg/Set	Kitagawa	Clamping ranges Ø*		Clamping ranges Ø*	
												External-A <sub>1</sub>	Internal-J <sub>1</sub>	External-A <sub>2</sub>	Internal-J <sub>2</sub>
GGK 1751	012464	25	40	16	M5	8	18	32	64	0.91	QJ 306	25-62	133-171	33-80	155-190
GGK 1753	012466								60	0.88		32-61	134-172	42-79	153-181
GGK 1754	012467								56	0.80		52-89	107-145	70-107	125-163
GGK 2001	012469	28	45	20	M5	10	20	40	88	1.52	QJ 308	30-69	-	45-106	-
GGK 2002	012470								66	1.28	QJ 8"	67-132	131-197	105-170	169-235
GGK 2003	012471								66	1.19		104-169	95-160	141-207	134-199
GGK 2004	012472		40	15					87	1.39		-	68-110	-	74-148
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	QJ 310	45-85	197-274	61-148	254-342
GGK 2502	012474								72	2.08	QJ 10"	78-154	132-208	141-218	195-272
GGK 2503	012475								78	2.19		107-184	109-175	159-247	152-238
GGK 2504	012476								110	2.88		-	-	-	80-156
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	QJ 312	34-100	210-300	-	300-370
GGK 2502	012474								72	2.08	QJ 12"	90-175	-	170-262	-
GGK 2503	012475								78	2.19		-	110-210	206-292	-
GGK 2505	012477		43	15					98	2.49		-	82-150	-	-
GGK 4001	012478	50	55	25	M8	12	26	54	104	4.01	QJ 15	78-188	258-378	143-263	333-453
GGK 4002	012479								91	3.58		-	140-263	258-378	-
GGK 4003	012480								147	5.50		-	118-243	-	-
GGK 5001	012481	60	74	35	M8	18	30	60	125	7.58	QJ 21	100-210	280-420	210-350	415-560
GGK 5002	012482								108	6.67		-	155-295	330-470	-
GGK 5003	012483	50	56	25	M8	18	30	60	136	4.96		-	100-240	-	-
GGK 5001	012481	60	74	35	M8	18	30	60	125	7.58	QJ 24	80-240	265-450	240-440	460-650
GGK 5002	012482								108	6.67		-	140-320	380-560	-

\* Clamping ranges subjected to technical changes

### Clamping ranges



# GGK



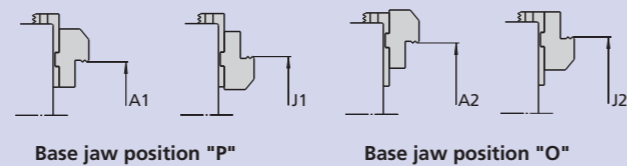
## Hard roughing jaws for Röhms chucks with quick jaw change

- Tongue & groove
- For internal and external clamping

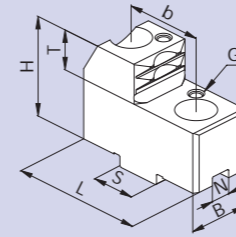
Type	Id. No.	B	H	T	G	N	S	b	L	kg/Set	Röhms	Clamping ranges Ø*		Clamping ranges Ø*	
												External-A <sub>1</sub>	Internal-J <sub>1</sub>	External-A <sub>2</sub>	Internal-J <sub>2</sub>
GGK 1751	012464	25	40	16	M5	8	18	32	64	0.91	Duro-NC 160	28-70	-	-	-
GGK 1752	012465								68	0.92	Duro-NCE 160	-	138-180	50-100	-
GGK 1753	012466								60	0.88	Duro 160	-	110-150	85-135	-
GGK 1754	012467								56	0.80	-	-	85-120	110-160	-
GGK 1751	012464	25	40	16	M5	8	18	32	64	0.91	Duro-NC 175	36-78	-	-	-
GGK 1752	012465								68	0.92	Duro-NCES 175	-	146-188	58-108	-
GGK 1753	012466								60	0.88	-	-	118-158	93-143	-
GGK 1754	012467								56	0.80	-	-	118-168	-	-
GGK 2001	012469	28	45	20	M5	10	20	40	88	1.52	Duro-NC 200	-	-	28-75	-
GGK 2002	012470								66	1.28	Duro-NCE 200	55-130	125-195	100-180	170-240
GGK 2003	012471								66	1.19	Duro 200	-	90-160	140-210	-
GGK 2004	012472								87	1.39	Duro-NCES 200	-	55-100	-	-
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	Duro-NC 250	38-95	195-280	80-160	270-300
GGK 2502	012474								72	2.08	Duro-NCE 250	-	125-205	145-225	-
GGK 2503	012475								78	2.19	Duro 250	-	110-180	180-260	-
GGK 2504	012476								110	2.88	Duro-NCES 250	-	-	-	80-170
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	Duro-NCE 315	66-139	223-324	108-204	298-344
GGK 2502	012474								72	2.08	Duro-NCES 315	-	153-249	173-269	-
GGK 2503	012475								78	2.19	-	-	138-224	208-304	-
GGK 2504	012476								110	2.88	-	-	-	-	108-214
GGK 4001	012478	50	55	25	M8	12	26	54	104	4.01	Duro-NC 315	50-150	220-330	120-220	-
GGK 4002	012479								91	3.58	Duro 315	-	110-220	220-320	-
GGK 4003	012480								147	5.50	-	-	85-200	-	-
GGK 4001	012478	50	55	25	M8	12	26	54	104	4.01	Duro-NCE 400	128-206	298-386	198-276	-
GGK 4002	012479								91	3.58	-	-	188-276	298-376	-
GGK 4003	012480								147	5.50	-	-	163-256	-	-
GGK 5001	012481	60	74	35	M8	18	30	60	125	7.58	Duro-NC 400	65-175	260-380	165-285	380-430
GGK 5002	012482								108	6.67	Duro 400	-	140-260	285-400	-
GGK 5003	012483								136	4.96	-	-	105-200	-	-
GGK 5001	012481	60	74	35	M8	18	30	60	125	7.58	Duro-NCE 500	101-289	-	-	436-604
GGK 5002	012482								108	6.67	-	-	296-494	221-404	-
GGK 5003	012483								136	4.96	-	-	176-374	346-534	-
GGK 5001	012481	60	74	35	M8	18	30	60	125	7.58	Duro-NC 500	65-235	260-440	185-350	400-550
GGK 5002	012482								108	6.67	Duro 500	-	140-320	310-480	-

\* Clamping ranges subjected to technical changes

### Clamping ranges



# GGK



## Hard roughing jaws for Schunk chucks with quick jaw change

- Tongue & groove
- For internal and external clamping

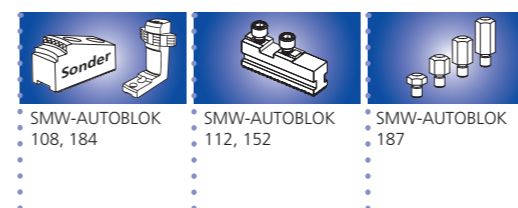
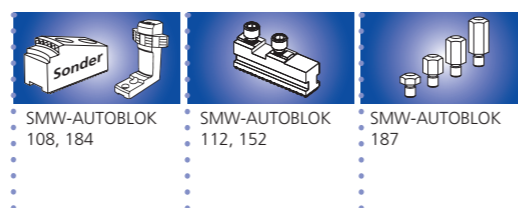
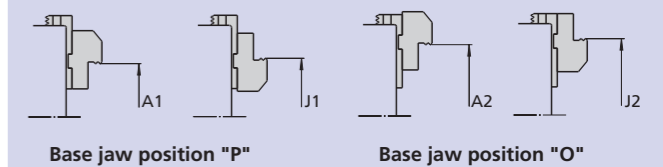
Type	Id. No.	B	H	T	G	N	S	b	L	kg/Set	Schunk	Clamping ranges Ø*		Clamping ranges Ø*	
												External-A <sub>1</sub>	Internal-J <sub>1</sub>	External-A <sub>2</sub>	Internal-J <sub>2</sub>
GGK 1751	012464	25	40	16	M5	8	18	32	64	0.91	ROTA-S plus 160	25-50	-	-	-
GGK 1752	012465								68	0.92	ROTA THW 165	-	133-160	38-67	-
GGK 1753	012466								60	0.88	ROTA THW plus 165	-	105-134	66-95	-
GGK 1754	012467								56	0.80	ROTA-G 160	-	78-106	95-125	-
											THW 165				
											ROTA-S 160				
GGK 2001	012469	28	45	20	M5	10	20	40	88	1.52	ROTA-S plus 200	30-55	185-230	45-94	-
GGK 2002	012470								66	1.28	ROTA THW 210	60-110	130-178	100-145	165-215
GGK 2003	012471								66	1.19	ROTA THW plus 215	100-150	90-135	140-185	130-175
GGK 2004	012472								87	1.39	ROTA-G 200	-	55-84	-	70-120
											THW 210R/F				
											ROTA-S 200				
											ROTA NCWF 210				
											ROTA THWB 210				
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	ROTA-S plus 250	35-70	200-265	65-138	265-330
GGK 2502	012474								72	2.08	ROTA-THW 250	80-145	130-195	143-205	190-260
GGK 2503	012475								78	2.19	ROTA THW plus 260	110-175	100-165	174-237	165-230
GGK 2504	012476								110	2.88	ROTA-G 250	-	-	-	80-145
											THW 250/265-R/F				
											ROTA NCWF 265				
											ROTA-S 250				
											ROTA-NCWF 250				
											ROTA THWB 265				
GGK 2501	012473	40	50	22	M6	12	20	40	94	2.38	ROTA THW 315	40-92	205-280	94-179	294-370
GGK 2502	012474								72	2.08	ROTA THW plus 315	85-161	135-210	170-249	219-300
GGK 2503	012475								78	2.19	ROTA-G 315	115-190	105-180	203-278	194-270
GGK 2505	012477								98	2.49	ROTA-NCWF 315	-	85-150	-	-
											THW 315-R				
GGK 4001 <sup>1</sup>	012478	50	55	25	M8	12	26	54	104	4.01	ROTA-S plus 315	50-162	230-350	118-240	305-430
GGK 4002 <sup>1</sup>	012479								91	3.58	ROTA THW 400	162-283	110-230	240-360	190-308
GGK 4003 <sup>1</sup>	012480								147	5.50	THW 400-R/F	-	100-220	-	-
											ROTA-G 400				
											ROTA-S 315				
											ROTA THWB 315				
											THW 315-F				
GGK 5001 <sup>2</sup>	012481	60	74	35	M8	18	30	60	125	7.58	ROTA-S plus 400	80-190	260-400	170-310	380-520
GGK 5002 <sup>2</sup>	012482								108	6.67	ROTA-S plus 500	170-310	140-280	265-405	260-400
GGK 5003 <sup>2</sup>	012483	50	56	25	M8	18	30	60	136	4.96	ROTA THW 500	-	100-210	-	-
											ROTA-G 500				
											ROTA-S 400/500				
											THW 500-R/F				
											ROTA THWB 400				
											ROTA THWB 500				
GGK 5001	012481	60	74	35	M8	18	30	60	125	7.58	ROTA THW 630	80-230	260-445	220-430	430-640
GGK 5002	012482								108	6.67	THW 630-R	170-350	140-325	315-525	310-520
GGK 5003	012483	50	56	25	M8	18	30	60	136	4.96	-	-	100-250	-	-

<sup>1</sup> Clamping range only for chucks Ø 400

<sup>2</sup> Clamping range only for chucks Ø 500

\* Clamping ranges subjected to technical changes

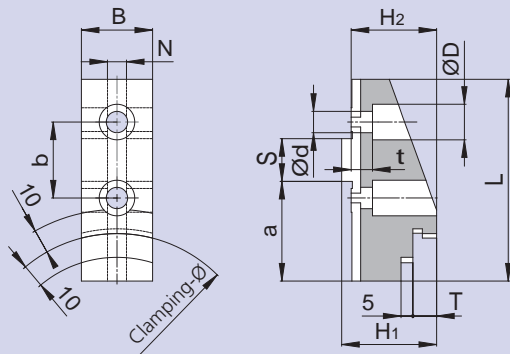
### Clamping ranges



# Hard special jaws to customer request

- Simply copy and fax to: +49 (0) 7542 3886
- Download from [www.smw-autoblok.de](http://www.smw-autoblok.de)

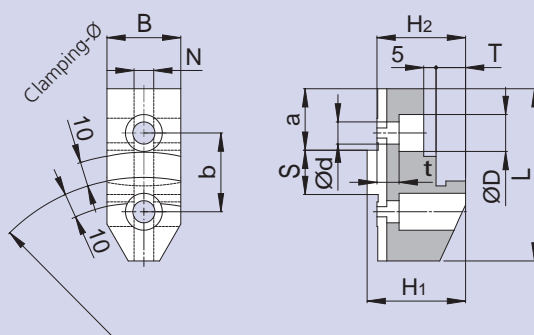
## Hard top jaws for external clamping with smooth clamping surface



Dimensions					
a		mm	L		mm
b		mm	N		mm
B		mm	S		mm
d		mm	t		mm
D		mm	T		mm
H1		mm	Clamping-Ø		mm
H2		mm	Workpiece-Ø		mm

Material  
Quantity in pieces  
Chuck manufacturer  
Chuck type + size

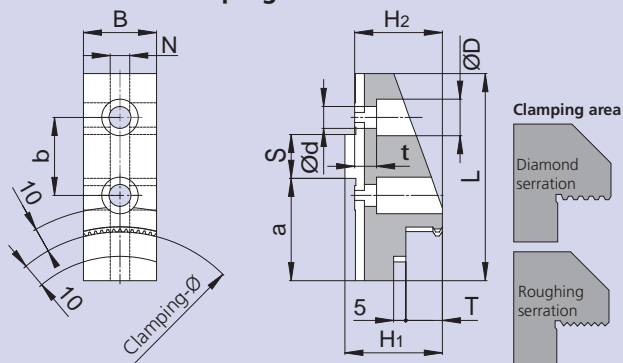
## Hard top jaws for internal clamping with smooth clamping surface



Dimensions					
a		mm	L		mm
b		mm	N		mm
B		mm	S		mm
d		mm	t		mm
D		mm	T		mm
H1		mm	Clamping-Ø		mm
H2		mm	Workpiece-Ø		mm

Material  
Quantity in pieces  
Chuck manufacturer  
Chuck type + size

## Hard top jaws for external clamping with serrated clamping surface



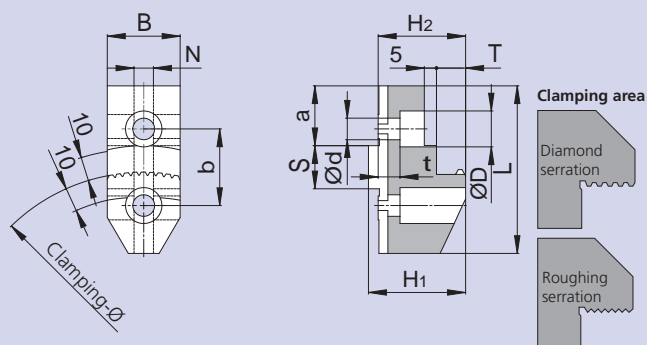
Dimensions					
a		mm	L		mm
b		mm	N		mm
B		mm	S		mm
d		mm	t		mm
D		mm	T		mm
H1		mm	Clamping-Ø		mm
H2		mm	Workpiece-Ø		mm

### Clamping area (please mark)

Diamond serration  
Roughing serration

Material  
Quantity in pieces  
Futterhersteller  
Chuck type + size

## Hard top jaws for internal clamping with serrated clamping surface



Dimensions					
a		mm	L		mm
b		mm	N		mm
B		mm	S		mm
d		mm	t		mm
D		mm	T		mm
H1		mm	Clamping-Ø		mm
H2		mm	Workpiece-Ø		mm

### Clamping area (please mark)

Diamond serration  
Roughing serration

Material  
Quantity in pieces  
Chuck manufacturer  
Chuck type + size