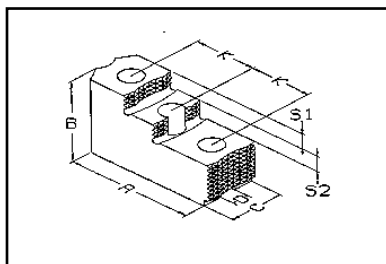


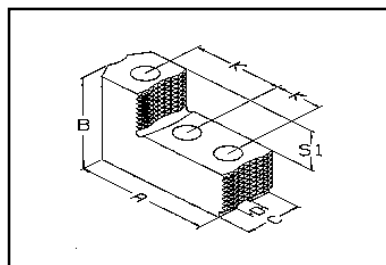


# Serrated Hard Top Jaws

## To Suit Autoblok & SMW Autoblok Power Chucks



**TYPE A**



**TYPE B**

**90° Serrations**

**Reversible Type**  
**Material: Steel: 590M17 or 080M15**

Techleader Part No.	A	B	C	D	K	S1	S2	Serrations	Type	Autoblok SMW-Autoblok
GR 20	76	44	32	14	22	24		1/16"X90°	B	IDN 170 HDN 170 GHDN 165 GHD/FC 165 AND 165 ALD 165
GY 16	67	44	35	17	19	10	10	1/16"X90°	A	IDN 200/220
GY 20	74	49	40			12	12			IDL 200 HDN 200/220 HDL 200 GHDN 210 CD 200 GHD/FC 210 HDB 220 BHD 210 BHD/FC 210 BBD 210 AND 210 ALD 210
GY 25	104	59	50	21	25	14	14	1/16"X90°	A	IDN 250/315/400 IDL 250/315/400 HDN 250/315/400 HDL 250/315/400 GHDN 250/315/400 CD 250/315 HD/FC/250/350/400 HDB 300
GY 40	126	75	60	25.5	31	18	18	3/32"X90°	A	IDN 500/630/800 IDL 500/630/800 GHDN 500/610 GHDN 640/800 ALD 400 AND 400

### To Suit Gamet Power Chucks

Techleader Part No.	A	B	C	D	K	S1	S2	Serrations	Type	GAMET		
GR 16	65	35	29	11	18.5	17		1/16" X 90°	B	160N	160MO	160GO
GR 20	76	44	32	14	22	24			B	215N	215MO	215GO
GR 28	94	51	44	20	28	24			B	250/280N	280MO	280GO
GR 35	128	65	50	21	40	28			B	350N	350MO	350GO

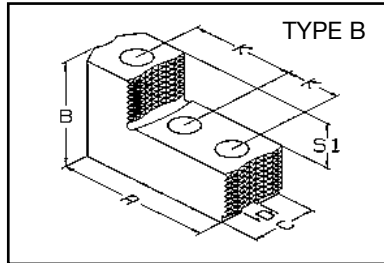
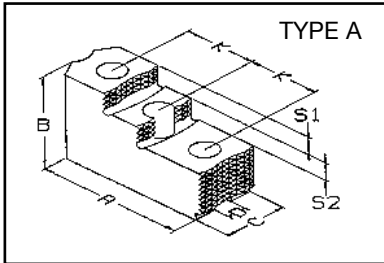
# Serrated Hard Top Jaws

To suit Forkardt, Gamet, Pratt Burnerd, Rohm, Schunk & SMW Power Chucks

FORKARDT	GAMET	PRATT BURNERD	ROHM	SCHUNK	SMW
	MAC 165				
3KGF 160/175/200 3KGF 160/175/200 QLC 175 KTG 160/200 3KTGF 200 KTN 160/200  KS 160/200/250 KL 160/200 KSHF 200 KSPS 160/200 KP 200 KSF 175/200 KG 200 UVE 160/200/250 3NH 200 3NHF 200 KSH 160/200 KLNC 200 KT 160/200 KTF 200 KTH 200/250/315 QLC 210	MAC 200 MAC 220  DE 210 GA 210	160 INTER. (UP TO 89) 160 HIGH SPEED Q.C. (UP TO 89) 165 HYD. FRONT END 210 INTER. 210 HIGH SPEED Q.C. 200 INTER. (UP TO 89) 200 HIGH SPEED Q.C. (UP TO 89) 210 HYD. FRONT END 250 HIGH SPEED Q.C. (UP TO 89) 254 INTER. 265 HIGH SPEED Q.C.	KFH 160/200 KFH-NC 160/200 KFH-F 160/200 KFH-G 160/200 KFD-HF 160/200 KFD-HE 160/200 KFD-HS 200/250 KFD 160/200/250 SPD 160/215 SPO 160/215 KFD-AF 160/200 KFL 250	THF 165-37 TH 165-37 THF 210-52 TH 210-52 HSL 165-37 HSG 200-37 HSL 210-52 HSG 250-91  ROTA NC 165 ROTA NCF 160 ROTA NCO 165 ROTA NC 210 ROTA NCF 200 ROTA NCO 200	HKF 160/200 HFKS 160/200 KDV 160/200/250 KDBG 160/200/250 KDS 160/200 KDM 160/200 KDM-F 160/200/250 KMA 160/200/250 KMA-F 160/200/250 KJV 160/200 SP 200 KFMF 160/200 KDS 160/200
KS 315/400 KG 250/315 KSH 250/315/400 KP 250/315 KT 250/315 3KTGF 250 UVE 315 KSHF 200/315/400 KTG 250/315 KTF 250/315 KLNC 250/315 KTN 250/315 3NHF 250/315 3NH 250/315 3NHF 290 3NHF 400 (INDEX) KL 250 KSPS 250/300 QLC 250/315	MAC 250 MAC 315 DE 250/260/320 GA 250/315	250 INTER. (UP TO 89) 254 HYD. FRONT END 305 HYD. FRONT END 305 INTER. 305 HIGH SPEED Q.C. 315 INTER. (UP TO 89) 400 HIGH SPEED Q.C. (UP TO 89)	KFH 250/315 KFH-NC 250/315 KFH-F 250/315 KFH-G 250/315 KFD-HF 250/315 KFD 250/315 KFD-HF 250/315 KFD-HE 250/315 KFD-HS 315 KFD-AF 250/315 LVE 305 SPO 300 SPD 300	THF 250-71 TH 250-71 THF 315-86 TH 315-86 HSG 315-108 HSL 250-71 HSL 315-91  ROTA NC/250/315 ROTA NCD/250/315 ROTA NCF/250/315 ROTA NCO/250/315	HKF 250/315 HFKS 250/315 KDV 315/400 KDBG 315/400 KDS 250 KDM 250/315/400 KDM-F 315/400 KMA 315/400 KMA-F 315
KS 500/630 KSH 500 KSL 630 KSHF 630 KT 400/500/630 3KTGF 400/500 UVE 400/500/630/800 KTG 400/500 KTN 400/500 KG 400/500 3NHF 400/500/630 3NH 400/500/630 KL 400/500 KLNC 400/500 KP 400 KF 400/500 KTF 400/500 QLC 400	DE 400	400INTER. (UP TO 89) 400 HYD. FRONT END 500 HYD. FRONT END	KFH 400/500 KFH-F 400/500 KFH-G 400/500 KFH-NC 400/500 KFD 400/500/630/800 KFD-H 400/500 KFD-HF 400/500 KFD-HS 400/500 LVE 400/500/630 KFL 500/630	THF 400-120 TH 400-120 THF 500-160 TH 500-160 TH 630-180 HSG 400-126 HSG 500-165 HSL 400-120 ROTA NC 400 ROTA NCD 400 ROTA NCF 400 ROTA NCO 400	HKF 400/500 HFKS 400/500 KDV 500 KDBG 500 KDS 315/400/500 KDM 500 KJV 400/500/630/800



# Serrated Hard Top Jaws



**60° Serrations**  
**Reversible Type**  
**Material: Steel: 590M17 or 080M15**

## To Suit HOWA Power Chucks

Techleader Part No.	A	B	C	D	K	S1	S2	Serrations	Style	Chuck Ø	HOWA Chuck Types		
GW 06	66	38	32	12	20	11		1.5 X 60°	B	165Ø	H027M6	H037M6	HO23M08
GW 08	83	40	40	16	25	13		1.5 X 60°	B	210Ø	H027M8	H037M8	HO23M10
GW 10	98	44	44	18	30	15		1.5 X 60°	B	254Ø	H027M10	H037M10	HO23M12
GW 12	111	60	50	21	35	23		1.5 X 60°	B	304Ø	H027M12	H037M12	

## To Suit KITAGAWA Power Chucks

Techleader Part No.	A	B	C	D	K	S1	S2	Serrations	Style	Chuck Ø	KITAGAWA Chuck Types	SAMCHULLY
GT 04	53	30	25	10	14	10		1.5 X 60°	B	110Ø 135Ø	B-204 B-205	HS05
GT 05	57	32	25	10	18	13		1.5 X 60°	B	135Ø	HOB-5 B-05	
GT 06	66	38	32	12	20	11	11	1.5 X 60°	A	165Ø	B-206 B-160 HOH-160 N-160 BB-06 HJAS-6 H-06 HOB-6 HOS-6 AS 165	HS06, HC00 HH206
GT 08	86	50	35	14	25	11	11	1.5 X 60°	A	210Ø	B-208 B-200 HOH-200 HJA6-8 HO-8 HOB-8 HOS-8 AS210 BB-08	HS08, HH208 HC08
GT 10	99	60	40	16	30	15	15	1.5 X 60°	A	254Ø	B210 B250 HOH-250 N-250 HJA6-10 HJA8-10 HO-10 HOB-10 HOS-10 AS250	HS10, HC10
GT 12	103	70	50	18	30	17	17	1.5 X 60°	A	304Ø	B300 HOH-300 N-300 HJA6-12 HJA8-12 HLA6-12 HO-12 HOB-12 HOS-12 HLA6-15 HLA8-15	HC12
GT 13	103	70	50	21	30	17	17	1.5 X 60°	A	304Ø	B212	HS12, HH212
GT 15	140	89	64	22	43	22	22	1.5 X 60°	A	380Ø 450Ø	B380 B-15 HOH-380 HOB-15 HOH-15 B450 B-18 HOB-18	HAH15, HAH18 HC15, HC18
GT21	178	90	60	25	60	40		3 X 60°	B	530Ø 610Ø	HJ-450 HJ-18 B-350 B21 HJ-530 HJ-21 HOB-2-1 N-21 B-600 B-24 HJ-610 HJ24 N24 HOB24	HC-21 HC-24 HCH-21 HCH-24

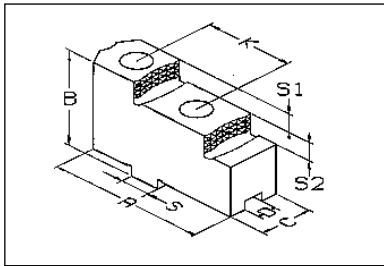
## To Suit MMK MATSUMOTO Power Chucks

Techleader Part No.	A	B	C	D	K	S1	S2	Serrations	Style	Chuck Dia	MMK MATSUMOTO Chuck Types
GT 05	57	32	25	10	18	13		1.5 X 60°	B	135Ø	HXA5-6-34 HHXA5-6 SA5-6-40
GU 06	65	35	30	11	20	9	9	1.5 X 60°	A	165Ø	HA5-6 HH-6 HX-6 HJ-6 H-6 STC-6 ZA5-6
GT 08	86	50	35	14	25	11	11	1.5 X 60°	A	210Ø	HA6-8 HX-8 H-8 HH-8 HJ-8 HHJ-8 STC-8 ZA-6-8-52
GT 10	99	60	40	16	30	15	15	1.5 X 60°	A	254Ø	HA6-10 HA8-10 ZA6-10-75 H-10 HX-10 HHL-10 HH-10 HHJ-10 HJ-10 HA8-11 STC-10
GT 12	98	60	50	18	30	17	17	1.5 X 60°	A	304Ø	HA8-12 HX-12 H-12 SH-12 HH-12 HHL-12 HJ-12 HHJ-12 ZA8-12-78 ZA8-12-85
GU 15	140	89	64	22	44.5	22	22	3 X 60°	A	380Ø 450Ø	HA11-15 HHL-15 H-15 HH-15 ZA11-15-120 HA11-18 H-18 HH-18

## To Suit GAMET, NIKKO and ROHM Power Chucks

Techleader Part No.	A	B	C	D	K	S1	Serrations	Style	Gamet	Nikko	RoHM
GS 16	65	35	29	11	18.5	17	1.5 X 60°	B	160N 160GO 140DE 160MO 170MF	GO-6 MO-6 HDM-165 HF-6AB HG-6AB D-170	KFN160 KFM160 KFG160 KFE160
GS 20	76	44	32	14	22	24	1.5 X 60°	B	215N 215MO 170DE 215GO 215MF	GO-8 MO-8 HDM-215 HF-8 HG-8 MAC165	KFN215 KFM215 KFG215 KFE215
GS 28	94	51	44	20	28	24	1.5 X 60°	B	250-280N 280MO 280GO 280MF	GO-10-12 HF-10/12 HG-10 MO-10/12 HDM-250/300	KFN250/280 KFM280 KFG280 KFE280
GS 35	128	65	50	21	40	28	1.5 X 60°	B	350N 350MO 350GO 350MF	HF-14/16 MO-14 HDM-380 MAC-315	KFN350 KFM350 KFG350 KFE350

# Slot/Tenon Hard Top Jaws



**Material: Steel: 590M17**

## Hard Reversible Jaws for Quick Jaw Change Chucks

Techleader Part No.	A	B	C	D	K	S	T	Bolt Type	Weight Kg/Set
GX 16	63	36.5	20	8	32	18	7.5	M8	0.6
GX 20	72	42	22	10	40	20	10	M8	0.8
GX 25	90	55	30	12	40	20	14	M12	1.9
GX 32	105	62	36	12	54	26	15	M12	3.2
GX 40	130	80	45	18	60	30	20	M16	10.8

# Slot/Tenon Hard Top Jaws

To suit Forkardt, Gamet, Kitagawa, Rohm, Schunk & SMW-Autoblok Quick Jaw Change Chucks

Forkardt	Gamet	Kitagawa	Rohm	Schunk	SMW-Autoblok
F 160 KTNC 160 KTNCV 175 KTNCV 160 FNC 175	MX 152 MX 175		DURO 160 DURO NC 160 DURO NC 175 DURO NCE160	THW 165-37-R ROTA-S 160 ROTA-S plus 160 ROTA-G 160 ROTA NC-W 185	RMG 160 HG 160 HG-F 160 KNCS 160 KNCS 175 KNCS 170-43 KNCS-N 170-43 KNSP 160 HG-N 160 KNC 160
F 200 KTNC 200 KTNCV 200 FNC 200	MX 215	QJ 8	DURO 200 DURO NC 200 DURO NCE 200 DURO NC 225	THW 210 F THW 210 R ROTA-S 200 ROTA-S plus 200 ROTA-G 200 ROTA NC-WF 210 ROTA NC-W 225	RMG 200 HG-F 160 HG 200 HG-N 210 KNSP 200 KNCS 200 KNCS 225 KNCS 210-52 KNCS-N 210-52 KNCS-N 225-65
F 250 KTNC 250 KTNC 280 KTNC 315 KTNCV 250 KTNCV 315 UNC 250/315 FNC 250/315	MX 252 MX 315 MX 330	QJ 10 QJ 12	DURO 250 DURO NC 250 DURO NCE 250 DURO NCE 315	THW 250-F THW 250-R THW 265-F THW 265-R THW 315-R ROTA-S 250 ROTA-S plus 250 ROTA-G 250 ROTA-G 315 ROTA NC-WF 250 ROTA NC-W 265 ROTA NC-W 315 ROTA NC-WF 315	RMG 250 KNCS 250 KNCS 260 KNCS 260-71 KNCS 315 KNCS 315-91 KNCS-N 260-72 KNCS-N 315-91 HG 250/315 HG-F 250/315 HG-N 260/315
F 315 KTNC 360 KTNC 400 KTNCV 400 UNC 400 FNC 400	MX 380		DURO 315 DURO NC 315 DURO NCE 400	THW 400 F THW 315 F THW 400 R ROTA-S 315 ROTA-S plus 315 ROTA-G 400 ROTA NC-W 400	RMG 315 KNCS 400 HG 400 KNC 400 KNCS 400-120 KNCS-N 400-128 HG-N 400
F 400/500 L UNC 500 KTNC 500 KTNC 630 KTNCV 500 KTNCV 630 FNC 500/630			DURO 400 DURO NC 400 DURO 500 DURO NC 500 DURO NCE 500	THW 500 F THW 630 R THW 500 R ROTA-S 400 ROTA-S plus 400 ROTA-S 500 ROTA-S plus 500	HG 500 HG-F 400/500 HG 630 HG-N 500/630 KNCS 500 KNCS 630 KNCS 500-160 KNCS 630-160 KNCS-N 500-165 KNCS-N 630-165 KNCS 800-160