

Techleader Clearance Items

Qty.	Order No.	Description	Price
Collets			
16C			
4	160-056-SE	16C 7/8" Round Serrated Collet	\$40.95ea
2	160-004	16C 1/16" Round Smooth Collet	\$34.50ea
KATO TC TAP COLLETS			
	1 810-101	No.8 ANSI TC412 Tap Collet	\$71.00ea
	3 810-149	1/16" NPT ANSI TC412 Tap Collet	\$71.00ea.
	1 810-152	1/4"NPT ANSI TC412 Collet	\$71.00ea
	1 711-004	M4 ISO TC412 Tap Collet	\$71.00ea
	1 711-009	M7 ISO TC412 Tap Collet	\$71.00ea
ALSO IN STOCK TC1022 TAP COLETS CALL FOR LIST OR CLICK ON MACHINERY CANADA CLEARANCE LIST			
Rikken AD40&65 Collets			
1	400-068	Rikken AD40 1-1/16" Round Smooth Collet	\$64.50ea
3	400-092	Rikken AD40 1-7/16" Round Smooth Collet	\$64.50ea
1	650-036	Rikken AD65 9/16" Round Smooth Collet	\$70.00ea
2	650-116	Rikken AD65 1-3/16" Round Smooth Collet	\$70.00ea
3	650-124	Rikken AD65 1-15/16" Round Smooth Collet	\$70.00ea
1	400-000-P	Set of AD40 Blank Collet Pads for Crawford Master	\$25.00ea
YCC/YCX Collets			
YCC/YCX13			
1	313-040	1-0.5mm	\$28.65ea
2	313-120	3-2.5mm	\$28.65ea
1	313-320	8-7mm	\$23.85ea
1	313-440	11-10mm	\$23.85ea
1	313-480	12-11mm	\$23.85ea
YCC/YCX16			
3	316-160	4-3mm	\$29.45ea
2	316-560	14-13mm	\$24.20ea
2	316-600	15-14mm	\$24.20ea
YCC/YCX20			
1	320-160	4-3mm	\$38.00ea
1	320-680	17-16mm	\$38.00ea
1	320-720	18-17mm	\$38.00ea
YCC/YCX25			

1	325-180	4.5-4mm	\$42.00ea
1	325-560	14-13mm	\$42.00ea
3	325-640	16-15mm	\$42.00ea
1	325-880	22-21mm	\$42.00ea
1	325-920	23-22mm	\$42.00ea
1	325-960	24-23mm	\$42.00ea

YCC/YCX32

1	332-360	9-8mm	\$46.00ea
1	332-880	22-21mm	\$46.00ea
1	332-1200	30-29mm	\$46.00ea

BT, CT & NMTB TOOLHOLDERS

Richmill & Kuroda Milling Chucks

3	460-335	NT50 1-1/2" Heavy Duty Milling Chuck	\$327.00ea
5	465-405	BT30-CTR3/4"-80mm ACE LOCK Milling Chuck KU	\$199.00ea
2	465-400-B	BT30 HPM3/4"-3.35"S Milling Chuck	\$212.00ea
10	465-095	BT40-CTR3/4"-80mm ACE LOCK Milling Chuck KU	\$196.00ea
15	465-105	BT40-CTR1-1/4"-105mm ACE LOCK Milling Chuck	\$225.00ea
3	465-305	BT50 SS1-1/4"-105mm Milling Chuck	\$224.00ea
18	466-096	CT40 SS3/4"-5.00" Milling Chuck	\$180.00ea
1	466-105	CT40-CTR1-1/4"-4.00" ACE LOCK Milling Chuck K	\$208.00ea
8	466-106	CT40 SS1-1/4"-5.00" Milling Chuck	\$189.00ea
10	466-095-BC	CTC40 HPM3/4"-2.72"S Balanceable Milling Chuck for Cincinnati Milacron HPM Machining Center (No	\$230.50ea
10	466-100-BC	CTC40 HPM1"-3.35"S Balanceable Milling Chuck for Cincinnati Milacron HPM Machining Center (No	\$233.50ea
11	499-FS55	FS-55 Wrench for CTR3/4" KURODA Milling Chuck	\$7.25ea
21	499-FS75	FS-75 Wrench for CTR1-1/4" KURODA Milling Chuck	\$10.00ea

Richmill Balanceable ER/ ECX Collet Chucks (nuts not included)

8	483-616	BT15-ECX16-60mm	\$60.00ea
9	483-408-B	BT30 ECX8-2.50"S Balanceable Collet Chuck	\$101.70ea
14	483-116-B	BT40 ECX16-2.50"S Balanceable Collet Chuck	\$98.25ea
14	484-316-B	CT50-ECX16-3.00"S Balanceable Collet Chuck	\$133.25ea
10	484-116-BC	CT40-ECX16-2.50"S Balanceable Collet Chuck for Cincinnati Milacron HPM Machining Center (No Drive Keys)	\$123.00ea

Richmill Morse and Jacobs Taper Milling Chuck Collets

4	469-100	1"C-1Morse Taper Collet	\$16.60ea
5	469-105	1"C-2Morse Taper Collet	\$16.60ea

5	469-200	1-1/4"C-1 Morse Taper Collet	\$17.30ea
3	469-205	1-1/4"C-2 Morse Taper Collet	\$17.30ea
1	469-210	1-1/4"C-3 Morse Taper Collet	\$17.30ea
3	470-110	1"C-2 Jacobs Taper Collet	\$16.60ea
5	470-130	1"C-6 Jacobs Taper Collet	\$16.60ea

TG Collet Chucks

5	473-215	BT45-TG150-100mm Collet Chuck	\$80.00ea
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DA Collet Chucks

2	475-010	BT35-C100-90mm DA Collet Chucks	\$48.00ea.
5	475-030	BT35-C300-60mm DA Collet Chucks	\$48.00ea.

End Mill Holders

3	477-416	BT30-SL5/16"-105mm End Mill Holder	\$49.10ea
23	477-431	BT30-SL5/8"-105mm End Mill Holder	\$49.10ea
4	477-436	BT30-SL3/4"-105mm End Mill Holder	\$49.10ea
3	477-220	BT45-SL3/8"-75mm End Mill Holder	\$42.00ea
4	477-356	BT50-SL1-1/2"-6.00" End Mill Holder	\$92.00ea
2	477-361	BT50-SL2"-6.00" End Mill Holder	\$102.25ea
1	478-225	CT45-SL1/2"-2.50" End Mill Holder	\$59.40 ea
6	478-260	CT45-SL2"-5.50" End Mill Holder	\$52.50 ea
1	478-261	CT45-SL2"-7.50" End Mill Holder	\$57.00 ea

Shell Mill Holders

8	479-025	BT35-SM1/2"-30mm Shell Mill Holder	\$43.00 ea
4	479-050	BT35-SM1-1/4"-45mm Shell Mill Holder	\$46.00 ea

Jacob Taper Holders

3	489-000	BT35-JTA1-30mm Jacobs Taper Holder	\$28.00 ea
3	489-205	BT45-JT2-45mm Jacobs Taper Holder	\$40.00 ea
2	490-205	CT45-JT2-1.50" Jacobs Taper Holder	\$38.00 ea
2	490-215	CT45-JT3-1.50" Jacobs Taper Holder	\$38.00 ea
3	490-235	CT45-JT33-1.50" Jacobs Taper Holder	\$38.00 ea

Morse Taper Holders

7	491-000	BT35-MT1-45mm Morse Taper Holder	\$39.00 ea
10	491-005	BT35-MT2-60mm Morse Taper Holder	\$39.00 ea
12	491-010	BT35-MT3-75mm Morse Taper Holder	\$39.00 ea
2	492-220	CT45-MT5-4.69" Morse Taper Holder	\$38.00 ea

Boring Head Adaptor

13	497-110	BT40-7/8"-20 Boring Head Adaptor	\$35.00ea
18	497-115	BT40-1-1/2"-18 Boring Head Adaptor	\$44.00ea
5	497-310	BT50-7/8-20 Boring Head Adaptor	\$48.00 ea

Tappers

1	493-100-TF	BT40-SF12 Rigid Tapper	\$80.00ea
2	493-105-TF	BT40-SF20 Rigid Tapper	\$90.00ea
2	493-305-T	BT50-WF20 Tension & Compression Tapper	\$145.00ea
1	493-310-T	BT50-WF33 Tension & Compression Tapper	\$210.00ea
5	493-110-F	BT40-RTF36-2 Rigid Tapper RICHMILL	\$163.00ea
1	493-310	BT50-RT36-2 Tension & Compression Tapper RICHMILL	\$209.00ea

Boring

3	503-594	1-1/8"-1-9/16" Boring Bar Devlieg Style	\$50.00ea
1	503-595	1-1/4"-1.496" Boring Bar Devlieg Style	\$80.00ea

VDI TOOLHOLDERS HUGE INVENTORY CLEAROUT SEE

Turning Holders

5	B12062530	B1-20-5/8"-30 VDI Toolholder	\$87.05 ea
1	B150100055	B1-50-1"-55 VDI Toolholder	\$95.00ea
3	B22062530	B2-20-5/8"-30 VDI Toolholder	\$91.45ea
26	B22062540	B2-20-5/8"-40 VDI Toolholder	\$105.25ea
14	B42062540	B4-20-5/8"-40 VDI Toolholder	\$95.35ea
9	B82062540	B8-20-5/8"-40 VDI Toolholder	\$108.75ea
3	C1S601250	C1-S-60-1-1/4" VDI Facing/Grooving Toolholder	\$168.25ea
5	C420625	C4-20-5/8" VDI Facing/Grooving Toolholder	\$110.75ea
3	D130750	D1-30-3/4" VDI Multi Turning Toolholder	\$115.00ea
7	D1501250	D1-50-1-1/4" VDI Multi Turning Toolholder	\$190.00ea
1	D1S130750	D1-S1-30-3/4" VDI Multi Turning Toolholder	\$112.75ea
10	D1S220625	D1-S2-20-5/8" VDI Multi Turning Toolholder	\$88.25ea
7	D1S230750	D1-S2-30-3/4" VDI Multi Turning Toolholder	\$112.75ea
1	D1S2501250	D1-S2-50-1-1/4" VDI Multi Turning Toolholder	\$196.00ea

Boring Holders

9	E220375	E2-20-3/8" Boring Bar Holder	\$88.25ea
11	E220625	E2-20-5/8" Boring Bar Holder	\$88.25ea

Morse Taper Holders

6	F20MKD1	F20-MKD1 Morse Taper Holder	\$101.95 ea
3	F30MKD2	F30-MKD2 Morse Taper Holder	\$127.00 ea

SOFT & HARD TOP JAWS

15	BL16	Soft Top Jaws for Pratt-Birnerd 6-1/4" Constant Grip Chuck	\$4.85 ea
6	BM16	Soft Top Jaws for Pratt-Burnerd 6-1/4" International Chuck	\$5.10 ea
27	BL25	Soft Top Jaws for Pratt-Burnerd 10" International Chuck	\$6.20 ea
15	BL40	Soft Top Jaws for Pratt-Burnerd 16" International Chuck	\$11.30 ea
12	BN13	Soft Top Jaws for Forkhardt 300mm Power Chuck	\$18.80 ea
3	CL17	Soft Top Jaws for Autoblok 170mm Power Chuck	\$5.10 ea
15	CM20	200mm Soft Diamond Top Jaws 1/16"x90 degree	\$47.05 ea
6	CP80	Soft Top Jaws for SMW 800mm Power Chuck	\$35.45 ea
3	GU10-32	MMK 10" Hard Reversible Top Jaws	\$45.00ea.
6	LO4	40-60mm Outside Adjustagrip Claw Jaws 10" Kitagawa	\$38.00ea
3	LP4	40-60mm Outside Adjustagrip Claw Jaws B12 Kitagawa	\$42.00ea
3	LP6	60-90mm Outside Adjustagrip Claw Jaws B12 Kitagawa	\$50.00ea
3	LP10	130-180mm Outside Adjustagrip Claw Jaws B12 Kitagawa	\$52.00ea

Critical dimensions should be verified to ensure correct jaws are ordered to suit your specific chuck

DRIVEN TOOLHOLDERS WTO & PCM

1	30024047	WTO Radial Back Toolholder for an Okuma LR15M	\$1,105.00 ea
1	3105200047	WTO Radial Collet Chuck with ER32 output For Above	\$2,180.00 ea

MAZAK SQT10/100 HOLDERS

18	110-FAH40	Facing Holder 5351801030	\$150.00ea
13	110-RTH40	Reverse Turn Holder 5351801700	\$138.00ea
3	110-SBH40	Double Boring Bar 5353801020	\$162.00ea

MAZAK TOOLHOLDER BUSHINGS

3	075-BS375	3/4"x3/8" 53538011220	\$54.00ea
1	100-BS375	1"x3/8" 53468006400	\$56.50ea

FAEMAT HIGH FREQUENCY ELECTRO SPINDLES

1	CS1	Static Frequency Converter	\$1,445.00 ea
1	FA80A	High Frequency Milling Electro Spindle (FA80A)	\$1,585.00 ea
1	FA80B	High Frequency Milling Electro Spindle (FA80B)	\$1,655.00 ea
1	FA80ABBT40	BT40-Shank for FA80A or B Units	\$176.25ea
1	FA80ABCT40	CT40-Shank for FA80A or B Units	\$204.50ea
1	FA-ATCOB	ATC Orientation Bracket & Electric Pin	\$648.50ea
1	FA-ATCSB	ATC Electric Stop Block and Cable	\$473.50ea

LLAMBRICH PRECISION KEYLESS DRILL CHUCKS

4	485-208	BT40-PS08A Planet	\$221.50ea
1	485-216	BT40-PS16A Planet	\$175.00ea
1	485-217	BT40-PS16AD Planet Coolant Thru	\$205.00ea
1	486-214	CT40-PS13AD Planet	\$220.00ea
1-CDN	486-417	CT50-PS16AD Planet Coolant Thru	\$260.00ea
2	618-133	SPS13-MT3 Integral	\$81.25ea
3	618-163	SPS16-MT3 Integral	\$92.25ea

VISOTRIM TOOL PRESETTER

1	460-2VL	Visodata II Video DRO. (Diameter 520mm x 1000mm) and	\$10,170.00
1	460-VTBRA	Support Bracket for Profile Projector	\$325.00
1	460-VTS80T	Projector 100mm dia. 15X magnetic	\$1,550.00

PIBOMULTI SPINDLE SPEEDERS & PARTS

400	OO608	Needle Brgs D0.735 x 5.8mm for Multi Head Spindle	\$0.20ea
20	OO808	Needle Brgs D1.025 x 5.8mm for Multi Head Spindle	\$0.20ea
2	O760520601	Spring Pin for 76-5 Orientation Pin	\$27.00ea.
1	O760525601	Cylinder Pin D5 x 35mm H6	\$1.00ea
400	9175010006	Needle Brgs MR1 x 6.8mm	\$0.25ea
2	9181060908	Ball Bearing 609-THB-Z-P6	\$16.00ea
2	9392050020	Small Pin for Orientation Pin Assy	\$1.50ea
2		ISO30 CHIRON TAPER 63-5 SPINDLE SPEEDERS REBUILT	\$3,000.00ea

ZOLLMANN COOLANT SEALED NUTS & DISCS

1	00-2001	ER20 COOLANT SEALED NUT	\$25.00 ea
6	00-4001	ER40 COOLANT SEALED NUT	\$28.00 ea

1	100160-2	2 mm ER16 Sealing Disc	\$9.60 ea
1	100160-3	3 mm ER16 Sealing Disc	\$9.60 ea
2	100160-4	4 mm ER16 Sealing Disc	\$9.60 ea
1	100160-7	7 mm ER16 Sealing Disc	\$9.60 ea
4	100160-9	9 mm ER16 Sealing Disc	\$9.60 ea
2	100160-10	10mm ER16 Sealing Disc	\$9.60 ea
2	100200-2	2 mm ER20 Sealing Disc	\$ 9.75 ea
3	100200-3	3 mm ER20 Sealing Disc	\$ 9.75 ea
4	100200-4	4 mm ER20 Sealing Disc	\$ 9.75 ea
7	100200-5	5 mm ER20 Sealing Disc	\$ 9.75 ea
2	100200-6	6 mm ER20 Sealing Disc	\$ 9.75 ea
3	100200-7	7 mm ER20 Sealing Disc	\$ 9.75 ea
3	100200-9	9 mm ER20 Sealing Disc	\$ 9.75 ea
2	100200-10	10mm ER20 Sealing Disc	\$ 9.75 ea
2	100200-11	11mm ER20 Sealing Disc	\$ 9.75 ea
4	100200-12	12mm ER20 Sealing Disc	\$ 9.75 ea
1	100200-13	13mm ER20 Sealing Disc	\$ 9.75 ea
1	100250-2	2 mm ER25 Sealing Disc	\$ 10.50 ea
2	100250-3	3 mm ER25 Sealing Disc	\$ 10.50 ea
2	100250-4	4 mm ER25 Sealing Disc	\$ 10.50 ea
1	100250-5	5 mm ER25 Sealing Disc	\$ 10.50 ea
1	100250-6	6 mm ER25 Sealing Disc	\$ 10.50 ea
1	100250-7	7 mm ER25 Sealing Disc	\$ 10.50 ea
1	100250-8	9 mm ER25 Sealing Disc	\$ 10.50 ea
1	100250-10	10mm ER25 Sealing Disc	\$ 10.50 ea
3	100250-14	14mm ER25 Sealing Disc	\$ 10.50 ea
2	100250-15	15mm ER25 Sealing Disc	\$ 10.50 ea
3	100250-16	16mm ER25 Sealing Disc	\$ 10.50 ea
3	400750-3	3 mm ER32/TG75 Sealing Disc	\$ 11.00 ea
5	400750-4	4 mm ER32/TG75 Sealing Disc	\$ 11.00 ea
1	400750-5	5 mm ER32/TG75 Sealing Disc	\$ 11.00 ea
5	400750-6	6 mm ER32/TG75 Sealing Disc	\$ 11.00 ea
2	400750-7	7 mm ER32/TG75 Sealing Disc	\$ 11.00 ea
5	400750-8	8 mm ER32/TG75 Sealing Disc	\$ 11.00 ea
3	400750-9	9 mm ER32/TG75 Sealing Disc	\$ 11.00 ea
1	400750-10	10mm ER32/TG75 Sealing Disc	\$ 11.00 ea
2	400750-11	11mm ER32/TG75 Sealing Disc	\$ 11.00 ea
3	400750-12	12mm ER32/TG75 Sealing Disc	\$ 11.00 ea
6	400750-13	13mm ER32/TG75 Sealing Disc	\$ 11.00 ea
3	400750-15	15mm ER32/TG75 Sealing Disc	\$ 11.00 ea
6	400750-16	16mm ER32/TG75 Sealing Disc	\$ 11.00 ea
1	400750-17	17mm ER32/TG75 Sealing Disc	\$ 11.00 ea
5	400750-18	18mm ER32/TG75 Sealing Disc	\$ 11.00 ea
1	400750-19	19mm ER32/TG75 Sealing Disc	\$ 11.00 ea
3	400750-20	20mm ER32/TG75 Sealing Disc	\$ 11.00 ea
2	400100-6	6 mm ER40/TG100 Sealing Disc	\$ 11.50 ea
3	400100-7	7 mm ER40/TG100 Sealing Disc	\$ 11.50 ea
4	400100-8	8 mm ER40/TG100 Sealing Disc	\$ 11.50 ea

3	400100-10	10mm ER40/TG100 Sealing Disc	\$ 11.50 ea
4	400100-11	11mm ER40/TG100 Sealing Disc	\$ 11.50 ea
1	400100-12	12mm ER40/TG100 Sealing Disc	\$ 11.50 ea
5	400100-14	14mm ER40/TG100 Sealing Disc	\$ 11.50 ea
1	400100-15	15mm ER40/TG100 Sealing Disc	\$ 11.50 ea
3	400100-16	16mm ER40/TG100 Sealing Disc	\$ 11.50 ea
2	400100-17	17mm ER40/TG100 Sealing Disc	\$ 11.50 ea
3	400100-19	19mm ER40/TG100 Sealing Disc	\$ 11.50 ea
6	400100-20	20mm ER40/TG100 Sealing Disc	\$ 11.50 ea
2	400100-21	21mm ER40/TG100 Sealing Disc	\$ 11.50 ea
2	400100-22	22mm ER40/TG100 Sealing Disc	\$ 11.50 ea
3	400100-23	23mm ER40/TG100 Sealing Disc	\$ 11.50 ea
2	400100-24	24mm ER40/TG100 Sealing Disc	\$ 11.50 ea
3	400100-25	25mm ER40/TG100 Sealing Disc	\$ 11.50 ea
3	400100-26	26mm ER40/TG100 Sealing Disc	\$ 11.50 ea

COLLET & TOOLHOLDER TRAYS

1	101-DA100	DA100 Collet Rack-It with 30 holes	\$11.25 ea
1	102-35	No. 35 taper 34" Combination Rack-it	\$34.75 ea
5	104-30	No. 30 taper 34" Rack-it Base Unit	\$30.50 ea
1	104-35	No. 35 taper 34" Rack-it Base Unit	\$30.50 ea

All prices are net in USD

All sales are final no returns are allowed

All products are without any manufacturers warranty

All taxes extra if applicable

FOB: Orchard Park ,NY

Payment in advance of shipping or

Payment COD or N30 days for approved accounts

REV3.11.15