

The logo for Caliber Industrial Supply is an oval shape with a blue border and a yellow-orange inner border. Inside the oval, on the left, is a stylized yellow-orange swoosh. To the right of the swoosh, the word "CALIBER" is written in a bold, blue, italicized sans-serif font. Below "CALIBER", the words "INDUSTRIAL SUPPLY" are written in a smaller, blue, all-caps sans-serif font.

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COUNTERSINKS

CLEAROUT



Ordering Code	Size	Flute #	Degree	QTY	PRICE
149-120-733	7/8"	6	90	1	\$19.99



Jobber Length Drill Bits Full TIN Coating

Order Number	Description	QTY	CLEARANCE
112-5103-1009	9/64" KOMBAT JBR DRILL	12	\$0.78
112-5103-1017	17/64" KOMBAT JBR DRILL	18	\$1.76
112-5103-1026	13/32" KOMBAT JBR DRILL	2	\$4.63

DORMER PRAMET

SUPER SALE!

Save 70% NOW!!



Order#	Description	Type	List Price	CLEARANCE
102-020136	1-9/16 List 209 MTS 118 Degree	Taper Shank Drill	\$719.00	\$215.70 ONLY 3 Left!
102-5999962	HSS - Black 1/2" Shank - 23/32 List R56	Prentice Drill	\$104.00	\$31.12 ONLY 3 Left!
102-5999973	HSS - Black 1/2" Shank - 29/32 List R56	Prentice Drill	\$142.00	\$42.60 ONLY 2 Left!
102-5999980	HSS - Black 1/2" Shank - 31/32 List R56	Prentice Drill	\$161.00	\$48.30 ONLY 8 Left!



CLEVELAND Jobber Drill Sets

Order #	Description	QTY	List Price	CLEAROUT
122-C69038	1600 25PC 1-13MX1/2MM HS BLCK GP JOB SET	2	\$213.00	\$99.00
122-C68461	1607 1/16-1/2X32 HS B&G JOB SET 15PC SET	1	\$154.00	\$59.00
122-57711	150 13PC BLOX JOBBER SET	1	\$79.70	\$19.75



Warehouse CLEARANCE



Call: 905.624.5524

Email: sales@caliberindustrial.com





TIN



TIALN



FB-TIN



ORDER #	DESCRIPTION	QTY	LIST PRICE (USD)	CLEAROUT (CAD)
"Y" SERIES BLADES AND HOLDERS				
155-15YT-9.5	#Y T-A SC TIN 9.5MM	2	\$35.25	\$35.25
155-15YA-9.5	#Y T-A SC TIALN 9.5MM	2	\$42.50	\$42.50
155-15YT-.390	#Y T-A SC TIN 25/64"	2	\$35.25	\$35.25
155-15YA-10	#Y T-A SC TIALN 10MM	2	\$42.50	\$42.50
155-15YT-10	#Y T-A SC TIN 10MM	2	\$35.25	\$35.25
155-15YT-0012	#Y T-A SC TIN 3/8"	3	\$35.25	\$35.25
155-15YT-10.5	#Y T-A SC TIN 10.5MM	2	\$35.25	\$35.25
155-45YH-0012	#Y GEN2 T-A SC AM200 3/8"	3	\$52.25	\$52.25
155-18YA-0013-HI-S	#Y T-A PC TIALN 13/32" SPL DIA HI-PREMIUM CBLT	3	\$35.30	\$35.30
155-45YH-0013	#Y GEN2 T-A SC AM200 13/32"	3	\$52.25	\$52.25
FLAT BOTTOM BLADES				
155-15YN-11-FB	#Y T-A SC TICN 11MM FB	3	\$65.50	\$65.50
155-15YT-0013-FB	#Y T-A SC TIN 13/32" FB	2	\$58.75	\$58.75
CARBIDE BLADES				
155-1C3YA-.386-CI	#Y T-A C3 TIALN .386" CI	1	\$67.50	\$67.50
155-1C3YA-11-CI	#Y T-A C3 TIALN 11MM CI	2	\$67.50	\$67.50
155-1C3YA-0013-CI	#Y T-A C3 TIALN 13/32" CI	2	\$67.50	\$67.50
155-1C5YA-10.1	#Y T-A C5 TIALN 10.1MM CARB BLADE	28	\$46.40	\$46.40
155-1C5YA-10.5	#Y T-A C5 TIALN 10.5MM	1	\$67.50	\$67.50
155-1C5YT-10	#Y T-A C5 TIN 10MM	1	\$63.00	\$63.00
155-1C5YT-0013	#Y T-A C5 TIN 13/32"	1	\$63.00	\$63.00
155-4C1YP-10.5	#Y GEN2 T-A C1 AM300 10.5MM	1	\$81.50	\$81.50
155-4C2YP-.421	#Y GEN2 T-A C2 AM300 27/64"	2	\$81.50	\$81.50
HOLDERS				
155-210Y0S-063F	#Y T-A STUB LENGTH HOLDER	1	\$293.00	\$293.00
155-250Y0S-075L	#Y T-A EXT HLDR 3/4"SS	1	\$293.00	\$293.00
"Z" SERIES BLADES AND HOLDERS				
155-45ZH-0014	#Z GEN2 T-A SC AM200 7/16"	2	\$52.25	\$52.25
155-15ZT-0015-HR	#Z T-A SC TIN 15/32" HR	2	\$35.25	\$35.25
155-15ZT-.484	#Z T-A SC TIN 31/64"	1	\$35.25	\$35.25
155-15ZT-12.5	#Z T-A SC TIN 12.5MM	4	\$35.25	\$35.25
155-15ZT-0016-FB	#Z T-A SC TIN 1/2" FB	1	\$58.75	\$58.75
155-15ZT-0016-SP	#Z T-A SC TIN 1/2" S & C	1	\$51.25	\$51.25
155-45ZH-.506	#Z GEN2 T-A SC AM200 .506"	2	\$52.25	\$52.25
CARBIDE BLADES				
155-1C3ZA-0016-CI	#Z T-A C3 TIALN 1/2" CI	1	\$67.50	\$67.50
155-1C3ZA-0014-CI	#Z T-A C3 TIALN 7/16" CI	2	\$67.50	\$67.50
HOLDERS				
155-240Z0S-075F	#Z T-A STD HLDR FLANGED SHK	1	\$281.00	\$281.00
"O" SERIES BLADES AND HOLDERS				
155-150H-.515-TC	#O T-A SC AM200 33/64" TC	4	\$45.25	\$45.25
155-150T-.546	#O T-A SC TIN 35/64"	1	\$38.25	\$38.25
155-150T-.578	#O T-A SC TIN 37/64"	5	\$38.25	\$38.25
155-150T-0019	#O T-A SC TIN 19/32"	4	\$38.25	\$38.25
155-180T-0019	#O T-A PC TIN 19/32"	1	\$43.00	\$43.00
155-150T-.609	#O T-A SC TIN 39/64"	2	\$38.25	\$38.25



ORDER #	DESCRIPTION	QTY	LIST PRICE (USD)	CLEAROUT (CAD)
"0" SERIES BLADES AND HOLDERS				
155-150T-0020	#0 T-A SC TIN 5/8"	1	\$38.25	\$38.25
155-150T-.6350	#0 T-A SC TIN .6350"	10	\$38.25	\$38.25
155-180T-0018	#0 TA PC TIN 9/16"	2	\$43.00	\$43.00
155-150A-.671-NP	#0 T-A SC TIALN 43/64" NP	2	\$45.25	\$45.25
155-150N-0022-HI	#0 T-A SC TICN 11/16" HI	2	\$45.25	\$45.25
155-150N-0022-HR	#0 T-A SC TICN 11/16" HR	1	\$45.25	\$45.25
155-150N-13.3-NP	#0 T-A SC TICN 13.3MM T-A BLADE NOTCH POINT	6	\$45.25	\$45.25
155-150T-13.5	#0 T-A SC TIN 13.5MM	3	\$38.25	\$38.25
155-150T-14	#0 T-A SC TIN 14MM	1	\$38.25	\$38.25
155-150N-14-NP	#0 T-A SC TICN 14MM NP	2	\$45.25	\$45.25
155-150T-15.5	#0 T-A SC TIN 15.5MM	2	\$38.25	\$38.25
155-150T-15.6	#0 T-A SC TIN 15.6MM	15	\$38.25	\$38.25
155-150T-16.5	#0 T-A SC TIN 16.5MM	1	\$38.25	\$38.25
155-150N-17.5	#0 T-A SC TICN 17.5MM	2	\$45.25	\$45.25
CARBIDE BLADES				
155-4C10H-13.5	#0 GEN2 T-A C1 AM200 13.5MM	1	\$89.75	\$89.75
155-4C10H-.578	#0 GEN2 T-A C1 AM200 37/64"	1	\$89.75	\$89.75
155-4C20H-15	#0 GEN2 T-A C2 AM200 15MM	1	\$89.75	\$89.75
155-1C30A-17.5-CI	#0 T-A C3 TIALN 17.5MM CI	1	\$74.00	\$74.00
155-1C30N-15.5-CI	#0 T-A C3 TICN 15.5MM CI	1	\$74.00	\$74.00
155-1C20H-0017-FB	#0 T-A C2 AM200 17/32" FB FLAT BOTTOM	1	\$89.00	\$89.00
HOLDERS				
155-141001-28	#0.5 T-A SPECIAL LENGTH HOLDER	1	\$902.00	\$902.00
"1" SERIES BLADES AND HOLDERS				
155-131T-.734	#1 TA M4 TIN 47/64"	9	\$40.00	\$40.00
155-151N-0026-IN	#1 TA SC TICN 13/16" IN	2	\$50.50	\$50.50
155-131T-0027	#1 TA M4 TIN 27/32"	10	\$40.00	\$40.00
155-151T-0024-HI	#1 TA SC TIN 3/4" HI	5	\$43.50	\$43.50
155-181T-0030	#1 TA PC TIN 15/16"	1	\$47.75	\$47.75
155-151T-0030	#1 TA SC TIN 15/16"	1	\$43.50	\$43.50
FLAT BOTTOM BLADES				
155-151T-24-FB	#1 TA SC TIN 24MM FB	1	\$71.50	\$71.50
155-151T-0029-FB	#1 TA SC TIN 29/32" FB	1	\$71.50	\$71.50
TW BLADES				
155-151A-0030-TW	#1 T-A SC TIALN 15/16" TW	2	\$67.50	\$67.50
155-151A-18-TW	#1 T-A SC TIALN 18MM TW	1	\$67.50	\$67.50
SPOT DRILL AND CHAMFER BLADE				
155-151A-0024-SP	#1 T-A SC TIALN 3/4" S & C	1	\$72.00	\$72.00
155-151N-0024-SP	#1 T-A SC TICN 3/4" S & C	2	\$72.00	\$72.00
CARBIDE BLADES				
155-4C21H-.734	#1 GEN2 T-A C2 AM200 47/64"	1	\$103.00	\$103.00
155-4C21H-.859	#1 GEN2 T-A C2 AM200 55/64"	1	\$103.00	\$103.00
155-4C11H-0029	#1 GEN2 T-A C1 AM200 29/32"	2	\$103.00	\$103.00
155-4C11H-.921	#1 GEN2 T-A C1 AM200 .921"	2	\$103.00	\$103.00
155-4C21H-.921	#1 GEN2 T-A C2 AM200 .921"	1	\$103.00	\$103.00
155-4C21H-0030	#1 GEN2 T-A C2 AM200 15/16"	1	\$103.00	\$103.00
155-4C11H-19.5	#1 GEN2 T-A C1 AM200 19.5MM	1	\$103.00	\$103.00
155-1C21T-20	#1 T-A C2 TIN 20MM	1	\$78.75	\$78.75
155-1C31A-20-CI	#1 T-A C3 TIALN 20MM CI	1	\$85.00	\$85.00
155-4C21H-22	#1 GEN2 T-A C2 AM200 22MM	2	\$103.00	\$103.00
155-1C51A-18	#1 TA C-5 TIALN 18MM	1	\$85.00	\$85.00
155-1C51A-0023	#1 TA C-5 TIALN 23/32"	1	\$85.00	\$85.00



ORDER #	DESCRIPTION	QTY	LIST PRICE (USD)	CLEAROUT (CAD)
"1" SERIES BLADES AND HOLDERS				
HOLDERS				
155-030328-21	#1 T-A SPEC. HOLDER 1-1/4 SHK	1	\$684.75	\$684.75
"2" SERIES BLADES AND HOLDERS				
155-182T-0031	#2 TA PC TIN 31/32"	1	\$56.00	\$56.00
155-152T-0100-TC	#2 TA SC TIN 1.0000" TC	2	\$49.75	\$49.75
155-152T-1.1070	#2 TA SC TIN 1.1070"	1	\$49.75	\$49.75
155-132T-0103	#2 TA M4 TIN 1-3/32"	4	\$46.00	\$46.00
155-452H-0107-HE	#2 GEN2 T-A SC AM200 1-7/32" HE	4	\$72.50	\$72.50
155-RM52T-0108	#2 TA SC TIN 1-1/4 REMAN	1	\$16.40	\$16.40
155-452H-1.226	#2 GEN2 T-A SC AM200 1.226"	4	\$72.50	\$72.50
155-152T-1.231	#2 TA SC TIN 1.231"	2	\$49.75	\$49.75
155-452H-27-HE	#2 GEN2 T-A SC AM200 27MM HE	4	\$72.50	\$72.50
155-152T-30.5	#2 TA SC TIN 30.5MM	3	\$49.75	\$49.75
155-452H-31-HE	#2 GEN2 T-A SC AM200 31MM HE	1	\$72.50	\$72.50
CARBIDE BLADES				
155-1C22A-0103	#2 TA C-2 TIALN 1-3/32"	1	\$104.25	\$104.25
155-4C12H-0104	#2 GEN2 T-A C1 AM200 1-1/8"	1	\$127.00	\$127.00
155-1C52A-0104	#2 TA C-5 TIALN 1-1/8"	1	\$104.25	\$104.25
155-4C12H-0105	#2 GEN2 T-A C1 AM200 1-5/32"	1	\$127.00	\$127.00
155-1C52A-0105	#2 TA C-5 TIALN 1-5/32"	1	\$104.25	\$104.25
155-4C12H-0107	#2 GEN2 T-A C1 AM200 1-7/32"	2	\$127.00	\$127.00
155-4C22P-0107	#2 GEN2 T-A C2 AM300 1-7/32"	2	\$127.00	\$127.00
155-4C12H-0110	#2 GEN2 T-A C1 AM200 1-5/16"	1	\$127.00	\$127.00
155-1C22T-25	#2 TA C-2 TIN 25MM	1	\$96.50	\$96.50
155-4C12H-28	#2 GEN2 T-A C1 AM200 28MM	3	\$127.00	\$127.00
155-4C12H-29	#2 GEN2 T-A C1 AM200 29MM	1	\$127.00	\$127.00
155-4C12H-30	#2 GEN2 T-A C1 AM200 30MM	1	\$127.00	\$127.00
155-1C52A-31	#2 TA C-5 TIALN 31MM	1	\$104.25	\$104.25
"3" SERIES BLADES AND HOLDERS				
155-453H-0116-SK	#3 GEN2 T-A SC AM200 1.5000" SK	8	\$78.50	\$78.50
155-453T-0117	#3 GEN2 T-A SC TIN 1-17/32"	1	\$67.00	\$67.00
155-133T-0117	#3 TA M4 TIN 1-17/32"	1	\$56.75	\$56.75
155-153A-0121	#3 TA SC TIALN 1-21/32"	2	\$74.75	\$74.75
155-153N-0121	#3 TA SC TICN 1-21/32"	8	\$74.75	\$74.75
155-453T-0123	#3 GEN2 T-A SC TIN 1-23/32"	1	\$67.00	\$67.00
155-453T-0125	#3 GEN2 T-A SC TIN 1-25/32"	2	\$67.00	\$67.00
155-453T-0127	#3 GEN2 T-A SC TIN 1-27/32"	1	\$67.00	\$67.00
155-134T-0201	#4 TA M4 TIN 2-1/32"	3	\$67.75	\$67.75
155-134N-0204	#4 TA M4 TICN 2-1/8"	8	\$80.75	\$80.75
155-134T-0207	#4 TA M4 TIN 2-7/32"	1	\$67.75	\$67.75
155-134N-0208	#4 TA M4 TICN 2-1/4"	10	\$80.75	\$80.75
155-134T-0209	#4 TA M4 TIN 2-9/32"	2	\$67.75	\$67.75
155-134T-0210	#4 TA M4 TIN 2-5/16"	1	\$67.75	\$67.75
155-453T-38	#3 GEN2 T-A SC TIN 38MM	2	\$67.00	\$67.00
155-453T-39	#3 GEN2 T-A SC TIN 39MM	2	\$67.00	\$67.00
155-453H-39-HE	#3 GEN2 T-A SC AM200 39MM HE	1	\$78.50	\$78.50
155-453T-41	#3 GEN2 T-A SC TIN 41MM	1	\$67.00	\$67.00
155-453T-44	#3 GEN2 T-A SC TIN 44MM	1	\$67.00	\$67.00
155-453T-45	#3 GEN2 T-A SC TIN 45MM	3	\$67.00	\$67.00
155-453T-47	#3 GEN2 T-A SC TIN 47MM	1	\$67.00	\$67.00
SPOT DRILL AND CHAMFER BLADE				
155-153T-0116-SP	#3 TA SC TIN 1-1/2"SPOT & CHFR	1	\$95.25	\$95.25
155-153A-0128-SP	#3 TA SC TIALN 1-7/8"SPT & CHR	1	\$102.00	\$102.00



ORDER #	DESCRIPTION	QTY	LIST PRICE (USD)	CLEAROUT (CAD)
"3" SERIES BLADES AND HOLDERS				
FLAT BOTTOM BLADES				
155-153T-0128-FB	#3 TA SC TIN 1-7/8" FB	2	\$89.50	\$89.50
CARBIDE BLADES				
155-1C53A-45	#3 TA C-5 TIALN 45MM	1	\$165.00	\$165.00
155-1C53T-0120	#3 TA C-5 TIN 1-5/8"	2	\$157.00	\$157.00
"7" SERIES BLADES AND HOLDERS				
155-457H-0321	#7 GEN2 T-A SC AM200 3-21/32"	1	\$175.50	\$175.50



Spiral Point



Order Number	Description	QTY	CLEARANCE PRICE
149-119-717	1 -8 3FL SP/PT - UNC	1	\$92.17
149-119-727	5/16-24 2FL SP/PT - UNF	1	\$7.56
149-119-755	M4.5X.75 3FL SP/PT - METRIC	1	\$8.42
149-119-761	M10X1.25 3FL SP/PT - METRIC	1	\$9.72
149-119-763	M12X1.25 3FL SP/PT - METRIC	1	\$14.58

Spiral Flute

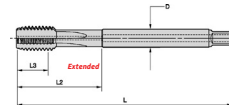


149-119-819	5/16-24 3FL SP/FLUTE - UNF	2	\$9.79
149-119-820	3/8-24 3FL SP/FLUTE - UNF	1	\$11.34



REDUCED NECK

MODIFIED STANDARD



Order Number	Description	QTY	CLEARANCE PRICE
122-25836RED	6-32 H3 2FL GP/DIN LENGTH TAP	1	\$6.23
122-25842RED	10-24 H3 3FL GP/DIN LENGTH TAP	1	\$6.23
122-25872RED	M10X1.5 D6 3FL GP/DIN LENGTH TAP	2	\$15.29



CLEVELAND



122-C97085	NO.8-32 HS G H3 2F PL SPPT BLUE DIA TAP	2	\$9.44
122-C97139	1/4-28 HS G H3 2F PL SPPT BLUE DIA TAP	2	\$11.66



MADE IN THE UK

>> SPIRAL FLUTE <<

RED RING FOR HARD MATERIALS



Order Number	Description	QTY	CLEARANCE PRICE
112-5BA1110	7/16X14 UNC RED BND - SPIRAL FLUTE	1	\$16.33
112-5BL0480	NO10X32 UNF RED BND - SPIRAL FLUTE	4	\$8.91
112-5EA2200	M22 X 2.5 RED BAND - SPIRAL FLUTE	1	\$65.93

>> SPIRAL POINT <<

RED RING FOR HARD MATERIALS



112-5BF1110	7/16X14 UNC RED BND - SPIRAL POINT	1	\$13.97
112-5BF1430	9/16X12 UNC RED BND - SPIRAL POINT	1	\$24.81
112-5BS0480	NO10X32 UNF RED BND - SPIRAL POINT	3	\$8.27
112-5BS0790	5/16X24 UNF RED BND - SPIRAL POINT	1	\$10.28

>> SPIRAL FLUTE <<

YELLOW RING FOR SOFT MATERIALS



112-5BC0420	8 X32 UNC YELLOW BAND - SPIRAL FLUTE	7	\$6.93
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>> SPIRAL POINT <<

BLUE RING FOR TOUGH MATERIALS



112-5BG1594	5/8X11 UNC BLUE BAND - SPIRAL POINT	9	\$19.04
112-5BT0484	NO10X32 UNF BLUE BND - SPIRAL POINT	10	\$6.34
112-5BT2544	1 X 12 UNF BLUE BAND - SPIRAL POINT	2	\$52.90

>> SPIRAL FLUTE <<

BLUE RING FOR TOUGH MATERIALS



112-5BB0354	NO6X32 UNC BLUE BAND - SPIRAL FLUTE	21	\$6.77
112-5BB0424	NO8X32 UNC BLUE BAND - SPIRAL FLUTE	6	\$6.93
112-5BB0484	NO10X24 UNC BLUE BND - SPIRAL FLUTE	13	\$7.30
112-5BB1114	7/16X14 UNC BLUE BND - SPIRAL FLUTE	10	\$13.78
112-5BM0354	NO6X40 UNF BLUE BAND - SPIRAL FLUTE	10	\$7.34
112-5BM0424	NO8X36 UNF BLUE BAND - SPIRAL FLUTE	4	\$7.34
112-5BM0644	1/4X28 UNF BLUE BAND - SPIRAL FLUTE	11	\$7.99
112-5BM0794	5/16X24 UNF BLUE BND - SPIRAL FLUTE	3	\$9.37
112-5BM0954	3/8X24 UNF BLUE BAND - SPIRAL FLUTE	1	\$9.92

SPIRAL FLUTE - BLIND HOLE
** PREMIUM HSS **

Order#	Description	QTY	CLEARANCE
139-14618	3/8-24 H3 SP/FL BOT TAP FEQ - Black Oxide	9	\$6.99
139-14637	8-32 H5 SP/FL BOT TAP FEQ - Black Oxide	7	\$3.99
139-14639	10-24 H5 SP/FL BOT TAP FEQ - Black Oxide	5	\$5.99
139-14644	1/4-28 H5 SP/FL BOT TAP FEQ - Black Oxide	2	\$5.99
139-14647	3/8-16 H5 SP/FL BOT TAP FEQ - Black Oxide	6	\$6.99
139-14658	3/4-16 H5 SP/FL BOT TAP FEQ - Black Oxide	1	\$39.99





UN THREAD MILLS 15° HELICAL FLUTE SOLID CARBIDE

- ▶ Cuts UNC, UNF, UNEF, UNS and UNJ (internal only)
- ▶ Non-crest cutting allows maximum flexibility for plated and non-standard threads
- ▶ Long length-of-cut



**SAVE
30%**

Order #	Description	QTY	List Price (USD)	CLEAROUT (CAD)
132-100191	TIALN (4.5-.75MM PITCH) INTERNAL .125 DIA X 5/16 LOC (3 FLUTE) (1/4 SHANK) 2-3/8 OAL	1	\$139.98	\$139.98
132-100719	TIALN (M4.5-0.75 PITCH) INT 3.00 DIA X 6-LOC (3 FL) 6MM SHANK 58MM OAL	1	\$119.48	\$119.48
132-100722	TIALN (M5.0-0.80 PITCH) INT 3.00 DIA X 8-LOC (3 FL) 6MM SHANK 58MM OAL	1	\$119.48	\$119.48
132-100725	TIALN (M6.0-1.00 PITCH) INT 4.30 DIA X 12-LOC (3 FL) 6MM SHANK 58MM OAL	1	\$132.87	\$132.87
132-100728	TIALN (M8.0-0.75 PITCH) INT 6.00 DIA X 16-LOC (3 FL) 6MM SHANK 58MM OAL	1	\$153.47	\$153.47
132-100734	TIALN (M8.0-1.25 PITCH) INT 6.00 DIA X 16-LOC (3 FL) 6MM SHANK 58MM OAL	1	\$153.47	\$153.47
132-100931	TIALN 12-1MM PITCH .400 DIA X 1LOC (4 FLUTE) (1/2 SHANK) 3-1/2 OAL	1	\$225.75	\$225.75
132-101070	TIALN (1/4 3/8-18 PITCH) .382 DIA X 3/4 LOC (4 FLUTE) (7/16 SHANK) 3-1/2 OAL	1	\$184.47	\$184.47
132-101079	TIN (1/2 3/4-14 PITCH) .430 DIA X 1 LOC (4 FLUTE) (1/2 SHANK) 3-1/2 OAL	3	\$221.55	\$221.55
132-101360	TIALN 1/4 3/8-18 PITCH .270 DIA X 5/8 LOC (4 FLUTE) 5/16 SHANK 3 OAL	1	\$169.95	\$169.95
132-101366	TIALN 1/2 3/4-14 PITCH .440 DIA X 7/8 LOC (4 FLUTE) 1/2 SHANK 4 OAL	1	\$183.75	\$183.75
132-102943	TIALN (8-32 PITCH) INT .115 DIA X 1/4-LOC (3 FL) 1/4 SHANK 2-1/2 OAL	1	\$122.57	\$122.57
132-102946	TIALN (10-24 PITCH) INT .120 DIA X 5/16-LOC (3 FL) 1/4 SHANK 2-1/2 OAL	1	\$122.57	\$122.57
132-102949	TIALN (10-28 PITCH) INT .120 DIA X 5/16-LOC (3 FL) 1/4 SHANK 2-1/2 OAL	1	\$122.57	\$122.57
132-102955	TIALN (1/4-20 PITCH) INT .180 DIA X 1/2-LOC (3 FL) 1/4 SHANK 2-1/2 OAL	1	\$132.87	\$132.87
132-102958	TIALN (1/4-28 PITCH) INT .180 DIA X 1/2-LOC (3 FL) 1/4 SHANK 2-1/2 OAL	1	\$132.87	\$132.87
132-102961	TIALN (5/16-18 PITCH) INT .234 DIA X 5/8-LOC (3 FL) 1/4 SHANK 2-1/2 OAL	1	\$143.17	\$143.17
132-102964	TIALN (5/16-24 PITCH) INT .234 DIA X 5/8-LOC (3 FL) 1/4 SHANK 2-1/2 OAL	1	\$143.17	\$143.17
132-102994	TIALN (3/8-24 PITCH) INT .285 DIA X 3/4-LOC (4 FL) 5/16 SHANK 3 OAL	1	\$168.92	\$168.92
132-103000	TIALN (7/16-14 PITCH) INT .305 DIA X 7/8-LOC (4 FL) 5/16 SHANK 3 OAL	1	\$168.92	\$168.92
132-103027	TIALN (1/2-13 PITCH) INT .350 DIA X 7/8-LOC (4 FL) 3/8 SHANK 3 OAL	1	\$174.07	\$174.07
132-103030	TIALN (9/16-12 PITCH) INT .370 DIA X 7/8-LOC (4 FL) 3/8 SHANK 3 OAL	1	\$174.07	\$174.07
132-103033	TIALN (9/16-18 PITCH) INT .370 DIA X 7/8-LOC (4 FL) 3/8 SHANK 3 OAL	1	\$174.07	\$174.07
132-103063	TIALN (5/8-11 PITCH) INT .470 DIA X 1-1/4-LOC (4 FL) 1/2 SHANK 4 OAL	1	\$204.75	\$204.75
132-103066	TIALN (3/4-10 PITCH) INT .495 DIA X 1-1/4-LOC (4 FL) 1/2 SHANK 4 OAL	1	\$204.75	\$204.75
132-103072	TIALN (3/4-14 PITCH) INT .495 DIA X 1-1/4-LOC (4 FL) 1/2 SHANK 4 OAL	1	\$204.75	\$204.75
132-103075	TIALN (3/4-16 PITCH) INT .495 DIA X 1-1/4-LOC (4 FL) 1/2 SHANK 4 OAL	2	\$204.75	\$204.75
132-103111	TIALN (1-8 PITCH) INT .620 DIA X 1-3/8-LOC (4 FL) 5/8 SHANK 4 OAL	1	\$248.60	\$248.60
132-103126	TIALN (M12-1.00 PITCH) INT 9.15 DIA X 22-LOC (4 FL) 10MM SHANK 100MM OAL	3	\$190.55	\$190.55
132-103132	TIALN (M14-1.50 PITCH) INT 9.40 DIA X 22-LOC (4 FL) 10MM SHANK 100MM OAL	1	\$190.55	\$190.55
132-103147	TIALN (M18-1.50 PITCH) INT 11.94 DIA X 32-LOC (4 FL) 12MM SHANK 100MM OAL	1	\$200.85	\$200.85
132-103156	TIALN (M10-1.50 PITCH) INT 7.62 DIA X 20-LOC (4 FL) 8MM SHANK 75MM OAL	1	\$168.92	\$168.92
132-103501	TIALN (7/16-24 PITCH) .345 DIA X 3/4 LOC (4 FLUTE)(3/8 SHANK) 3-1/2 OAL	1	\$210.12	\$210.12



**SAVE
30%**



OVERSTOCK Thread Mills

US Dollars

\$CAN

EDP#	Description	QTY	LIST PRICE	CLEARANCE
244-MTB0250C0420UNMT7	MTB 0250 C04 20 UN MT7 (1/4-20)	4	\$235.50	\$235.50
244-MTB0250C0428UNMT7	MTB 0250 C04 28 UN MT7 (1/4-28)	1	\$235.50	\$235.50
244-MTB0312C0427NPTMT7	MTB 0312 C04 27 NPT MT7 (NPT)	1	\$257.50	\$257.50
244-MTB0375D0618NPTMT7	MTB 0375 D06 18 NPT MT7 (NPT)	1	\$269.00	\$269.00
244-MTB0625D0814NPTMT7	MTB 0625 D08 14 NPT MT7 (NPT)	1	\$408.50	\$408.50
244-MTZ06048C1010ISOMT7	MTZ 06048 C10 1.0 ISO MT7 (M6 X 1.0)	4	\$262.50	\$262.50
244-MTZ06056C1418UNMT7	MTZ 06056 C14 18 UN MT7 (5/16-18)	2	\$262.50	\$262.50
244-MTZ0606C19125ISOMT7	MTZ 0606 C19 1.25 ISO MT7 (M8 X 1.25)	3	\$314.50	\$314.50
244-MTZ08067C1616UNMT7	MTZ 08067 C16 16 UN MT7 (3/8-16)	4	\$286.50	\$286.50
244-MTZ08077C2014UNMT7	MTZ 08077 C20 14 UN MT7 (7/16-14)	2	\$286.50	\$286.50
244-MTZ08078C1428BSPTMT7	MTZ 08078 C14 28 BSPT MT7 (BSPT)	1	\$286.50	\$286.50
244-MTZ08078C1715ISOMT7	MTZ 08078 C17 1.5 ISO MT7 (M10 X 1.5)	1	\$286.50	\$286.50
244-MTZ1009C28175ISOMT7	MTZ 1009 C28 1.75 ISO MT7 (M12 X 1.75)	3	\$369.50	\$369.50
244-MTZ10092C2213UNMT7	MTZ 10092 C22 13 UN MT7 (1/2-13)	2	\$308.00	\$308.00
244-MTZ1010C2720ISOMT7	MTZ 1010 C27 2.0 ISO MT7 (M14 X 2.0)	3	\$308.00	\$308.00
244-MTZ12114C2811UNMT7	MTZ 12114 C28 11 UN MT7 (5/8-11)	2	\$328.50	\$328.50
244-MTZ12118D2720ISOMT7	MTZ 12118 D27 2.0 ISO MT7 (M16 X 2.0)	3	\$328.50	\$328.50
244-MTZ16144D3410UNMT7	MTZ 16144 D34 10 UN MT7 (3/4-10)	2	\$470.00	\$470.00
244-MTZ1615E3325ISOMT7	MTZ 1615 E33 2.5 ISO MT7 (M20 X 2.5)	2	\$470.00	\$470.00



HSS THROWAWAY END MILLS



Order Number	Description	QTY	CLEARANCE
112-5380-1014	7/32 STD THROWAWAY ENDMILL	5	\$3.50
112-5380-3014	7/32 STD THROWAWAY TIN ENDMILL	10	\$4.50
112-5381-1014	7/32" THROWAWAY CUTTER-LONG	1	\$3.00



Minicut

General Purpose Steel Application

CLEARANCE H.S.S. & COBALT ENDMILLS

Order #	Description/Size	QTY	PRICE
	133-0205-0007 7/32 3/8 1/2 2-5/16 2FL-Regular Length	4	\$5.99
	133-0205-0012 3/8 3/8 9/16 2-5/16 2FL-Regular Length	3	\$5.99
	133-0205-0016-12 1/2 3/8 13/16 2-1/2 2FL-Regular Length	1	\$8.99
	133-0205-0020 5/8 5/8 1-5/16 3-7/16 2FL-Regular Length	1	\$11.99
	133-0215-0040 1-1/4 1-1/4 3 5-1/2 2FL-Long Length	1	\$40.99
	133-0215-0044 1-3/8 1 3 5-1/2 2FL-Long Length	1	\$44.99
	133-0215-0048 1-1/2 1-1/4 3 5-1/2 2FL-Long Length	3	\$48.99
	133-0215-0060 1-7/8 1-1/4 3 5-1/2 2FL-Long Length	2	\$59.99
	133-0275-0010 5/16 3/8 3/4 2-1/2 2FL-For Aluminum	1	\$7.99
	133-0225-0004 1/8 3/8 3/16 2-1/16 2FL	1	\$5.99
	133-0225-0006 3/16 3/8 3/16 2-1/16 2FL	2	\$5.99
	133-0225-0008 1/4 3/8 1/4 2-1/16 2FL	24	\$5.99
	133-0225-0010 5/16 3/8 5/16 2-1/16 2FL	2	\$5.99
	133-0230-0010 5/16 3/8 9/16 3-1/8 2FL-Regular Length	1	\$8.99
	133-0230-0018 9/16 5/8 1-1/8 4-1/2 2FL-Regular Length	1	\$17.99
	133-0230-0032 1 1-5/8 5-7/8 2FL-Regular Length	1	\$32.99
	133-0255-0004 1/8 3/8 3/8 3-1/16 2FL	7	\$5.99
	133-0405-0004 1/8 3/8 3/8 2-5/16 4FL-Regular Length	2	\$5.99
	133-0405-0006 3/16 3/8 1/2 2-3/8 4FL-Regular Length	2	\$5.99
	133-0405-0032 1 1 2 4-1/2 4FL-Regular Length	1	\$20.99
	133-0405-0032-A 1 1 2 4-1/2 6FL-Regular Length	2	\$20.99
	133-0460-0013 13/32 1/2 1 4-1/8 4FL-Regular Length	1	\$11.99
	133-0460-0015 15/32 1/2 1 4-1/8 4FL-Regular Length	5	\$12.99
	133-0860-0004 1/8 3/8 3/8 2-5/16 4FL-Cobalt	1	\$7.99
	133-0875-0048-8 1-1/2 1-1/4 8 10-1/2 6FL-Cobalt	3	\$163.99
	133-0880-0012 3/8 3/8 3/4 2-1/2 4FL-Cobalt	2	\$17.99
	133-0810-2030 5/8 5/8 3 5-1/8 4FL-Coarse Pitch	1	\$30.99
	133-0815-1008 5/16 3/8 3/4 2-1/2 4FL-Fine Pitch	3	\$12.99
	133-1205-0010 5/16 3/8 1/2 2-11/32 2FL-Threaded Shank	4	\$4.99
	133-1205-0012 3/8 3/8 9/16 2-3/8 2FL-Threaded Shank	1	\$4.99
	133-1215-0022 11/16 5/8 1-3/8 4-1/2 2FL-Threaded Shank	3	\$14.99
	133-1215-0032 1 1 1-3/4 6-1/4 2FL-Threaded Shank	4	\$24.99
	133-1405-0011 11/32 3/8 27/32 2-5/8 4FL-Threaded Shank	1	\$4.99
	133-1405-0014 7/16 1/2 3/4 2-5/8 4FL-Threaded Shank	2	\$6.99
	133-1415-0028 7/8 1 3-3/8 5-5/8 6FL-Threaded Shank	8	\$14.99
	133-1860-0018 9/16 1/2 1-1/8 2-7/8 4FL-Threaded Shank	1	\$19.99



STM ROUGHERS



Not for hard materials



Special HSS/ALU Alloy mix for increased heat dissipation



Order #	Size	MATERIAL	COATING	QTY	CLEAROUT
149-102-502S	5/16"X3/8X3/4X2-1/2	HSS-ALU	BRIGHT	38	\$8.99
149-102-508S	5/8"X5/8X1-5/8X3-3/4	HSS-ALU	BRIGHT	20	\$19.99
149-102-522S	1-1/2"X1-1/4X2X4-1/2	HSS-ALU	BRIGHT	4	\$49.99




2 Flute for Aluminum – 250 Series


Order Number	Description	QTY	CLEARANCE PRICE
172-250-31220-C5	5/16 X 5/16 X 1-1/4 X 3-1/2 2FL SEEM AL	1	\$43.42
172-250-31232-C5	5/16 X 5/16 X 2-1/8 X 4 2FL SEEM ALUM Z	3	\$45.37
172-250-37508BN	3/8 X 3/8 X 1/2 X 2-1/2 2FL SEEM ALUM B-UNCOATED	2	\$35.55
172-250-37508BN-C5	3/8 X 3/8 X 1/2 X 2-1/2 2FL SEEM ALUM BALLNOSE-ZRN	2	\$40.55

2 Flute Variable Helix for Aluminum – 251 Series


172-251S2500-C5	1/4 X 1/4 X 3/8 X 2-1/2 2FLV-SERIES STU	1	\$19.93
172-251S4375-C5	7/16 X 7/16 X 9/16 X 2-3/4 2 FLT STUB SE	1	\$47.08
172-251S7500-C5	3/4 X 3/4 X 1 X 4 2 FLT STUB SE V-SERIES	1	\$125.58

3 Flute for Aluminum – 350 Series


172-350-75016NS40	3/4 X 3/4 X 1 X 5 3FL SEEM ALUM NECKED	1	\$71.97
172-350-75024-C5	3/4 X 3/4 X 1-1/2 X 4 3FL SE ALUM ZRN	4	\$133.99
172-350-75032	3/4 X 3/4 X 2 X 5 3FL SEEM ALUM	1	\$149.00

4 Flute Variable Helix with Corner Radius for Steel – 436 Series


172-436S2500-C10	1/4X3/8 VH 4FL S/C COATED E/M	1	\$16.89
172-436S3125-C10	5/16X7/16 VH 4FL S/C COATED E/M	1	\$20.67
172-436-3125-C10	5/16X13/16 VH 4FL S/C COATED E/M	1	\$25.71
172-436-3750-C10	3/8X1 VH 4FL S/C COATED E/M	1	\$31.79
172-436-7500-C10	3/4X1-5/8 VH 4FL S/C COATED E/M	2	\$145.79
172-436S4375-C11	7/16 X 7/16 X 9/16 X 2-1/2 4FL SE V-SER	3	\$32.14
172-436S5000-C11	1/2 X 1/2 X 5/8 X 2-1/2 4FL SEEM V-SERI	2	\$43.19
172-436-2500BN-C10	1/4X3/4 B/N H.V. 3FL CARB E/MILL	1	\$19.50
172-436-5000BN-C11	1/2 X 1/2 X 1-1/4 X 3 4FL SEEM V-SERIES	2	\$65.73

4 Flute Variable Helix with Corner Chamfer for Steel – 446 Series


172-446S2500-C10	1/4X3/8X.010 VHC 4FL S/C COATED E/M	1	\$16.89
172-446S3125-C10	5/16X7/16X.010 VHC 4FL S/C COATED E/M	1	\$20.57
172-446-3125-C10	5/16X13/16X.010 VHC 4FL S/C COATED E/M	1	\$25.71
172-446S3750-C10	3/8X1/2X.015 VHC 4FL S/C COATED E/M	1	\$26.49
172-446-5000-C10	1/2X1-1/4X.015 VHC 4FL S/C COATED E/M	2	\$52.72
172-446S7500-C10	3/4X1X.020 VHC 4FL S/C COATED E/M	1	\$119.32
172-446-7500-C10	3/4X1-5/8X.020 VHC 4FL S/C COATED E/M	1	\$145.79
172-446S2500-C11	1/4 X 1/4 X 3/8 X 2 4FL SEEM V-SERIES S	1	\$16.89
172-446S3125-C11	5/16 X 5/16 X 7/16 X 2 4FL SEEM V-SERIE	1	\$20.67
172-446-3125-C11	5/16 X 5/16 X 13/16 X 2-1/2 4FL SEEM V	1	\$25.71
172-446S3750-C11	3/8 X 3/8 X 1/2 X 2 4FL SEEM V-SERIES S	1	\$26.49
172-446S4375-C11	7/16 X 7/16 X 9/16 X 2-1/2 4FL SE V-SER	2	\$32.14
172-446-4375-C11	7/16 X 7/16 X 1 X 2-3/4 4FL SE V-SERIES	1	\$39.94
172-446S5000-C11	1/2 X 1/2 X 5/8 X 2-1/2 4FL SEEM V-SERI	1	\$43.19
172-446-5000-C11	1/2 X 1/2 X 1-1/4 X 3 4FL SEEM V-SERIES	1	\$52.72
172-446S7500-C11	3/4 X 3/4 X 1 X 3 4FL V-SERIES STUB SEE	2	\$119.32


**XX-STAR
INCH - MILLING**

Order#	Description	QTY	CLEAROUT
300-XXR404A012	3/16"X3/8"X2"X3/16" (.015") CORNER RADIUS TIALN-SH	1	\$8.64
300-XXR404A048	3/4"X1"X3"X3/4" (.030") CORNER RADIUS TIALN-SH	2	\$85.03


Minicut


Order Number	Description	QTY	CLEARANCE PRICE
133-2000-22340	3/8 3/8 1-1/8 3 2FL UNCOATED	118	\$22.71
133-2000-22380	1/2 1/2 2 4 2FL UNCOATED	10	\$36.46
133-2000-22395	5/8 5/8 1-1/4 3-1/2 2FL UNCOATED	2	\$51.50
133-2000-22415	3/4 3/4 1-1/2 4 2FL UNCOATED	30	\$75.23
133-2000-22660	1/32 1/8 3/32 1-1/2 TICN	1	\$10.17
133-2000-22955	1/4 1/4 1-1/8 3 2FL TIALN SUPREME	83	\$20.59
133-2000-22960	5/16 5/16 1/2 2 2FL TIALN SUPREME	188	\$16.54
133-2000-22965	5/16 5/16 13/16 2-1/2 2FL TIALN SUPREME	154	\$18.75
133-2000-22985	3/8 3/8 1-1/8 3 2FL TIALN SUPREME	179	\$29.14
133-2000-23025	1/2 1/2 2 4 2FL TIALN SUPREME	43	\$46.67



133-2050-23215	5/8 5/8 2-1/4 5 2FL BN UNCOATED	2	\$91.36
133-2050-23720	5/8 5/8 1-1/4 3-1/2 2FL BN TIALN SUPREME	1	\$68.22



133-3000-23875	5/16 5/16 1-5/8 4 3FL UNCOATED	11	\$21.90
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133-4035-21385	7/16 7/16 5/8 2-1/2 4FL TIALN SUPREME	1	\$49.91
133-4035-21415	3/4 3/4 1 3 4FL TIALN SUPREME	2	\$107.45



133-4050-26350	1 1 3 6 4FL BN UNCOATED	2	\$237.05
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133-5045-22140	1/2X1/2X5/8X2-1/2 5FL TIALN SUPREME ENDMILL	1	\$39.00
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3 FLUTE ALU-ROUGHER W/ CHIPBREAKERS


Order Number	Description	QTY	CLEARANCE PRICE
210-CID-AL3-CB4375	ENDMILL-ALU-3FL-7/16"	4	\$40.00
210-CID-AL3-CB6250	ENDMILL-ALU-3FL-5/8"	1	\$84.00
210-CID-AL3-CB1000-E	1" CID 3FL UNCOATED W/ CHIPBREAKER ECC REL	4	\$125.00

3 FLUTE SQUARE ALTN COATED


210-CID-SS1000	ENDMILL-SQ-3FL-TIALN-1"	1	\$111.50
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3 FLUTE BALL NOSE TICN COATED


210-CID-TC-BSS1250	ENDMILL-BALL-3FL-TICN COATED-1/8"	1	\$7.38
210-CID-TC-BSS4375	ENDMILL-BALL-3FL-TICN COATED-7/16"	10	\$30.72
210-CID-TC-BSS6250	ENDMILL-BALL-3FL-TICN COATED-5/8"	7	\$66.77
210-CID-TC-BSS1000	ENDMILL-BALL-3FL-TICN COATED-1"	6	\$134.20

4 FLUTE BALL NOSE-UNCOATED


210-CID-B2500	ENDMILL-BALL-4FL-1/4 (4050-26230)"	2	\$10.95
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4 FLUTE ROUGHER, FINE PITCH, ALTN COATED


210-CID-RO-STD1000	ROUGHER-4FL-TIALN-1 (4035-21425)"	1	\$179.98
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5 FLUTE SQUARE-ALTN COATED


210-CID-SHH1250	ENDMILL-SQ-5FL-TIALN-1/8 (5045-22035)"	1	\$7.58
210-CID-SHH3125	ENDMILL-SQ-5FL-TIALN-5/16 (5045-22090)"	1	\$16.58


**CORNER RADIUS
VARIABLE HELIX ENDMILL
POWERAX**

64% OFF

Order #	Description	QTY	CLEARANCE
163-449-553-1	1/2X1-1/4X1/2X3 7FL .030	2	\$56.28
163-449-563-1	1/2X1-5/8X1/2X4 7FL .030	4	\$80.43
163-449-573-1	1/2X2X1/2X4 7FL .030	6	\$87.44


Warehouse CLEARANCE

12

Call: 905.624.5524
Email: sales@caliberindustrial.com

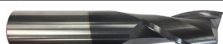


SOLID CARBIDE ENDMILL for ALUMINUM

ORDERING CODE	MANUFACTURER	SIZE	FLUTE #	COATING	QTY	CLEAROUT
121-500-5000-32	MRT	5/8x5/8x3/4x3	3	TiCN	2	\$65.00
300-WAR313A024030	ADIN	3/8x3/8x1x2-1/2, R0.030	3	BRIGHT	41	\$29.00
283-22213	SIEM TOOL (USA)	3/4x3/4x1-3/4x4	2	BRIGHT	1	\$89.00

CONTOUR360®

2 Flute ALTiN Coated - Square Standard Length



113-NC42020A	5/16 X 5/16 X 7/8 X 2-1/2	1	\$18.71
113-NC42036A	3/4 X 3/4 X 1-1/2 X 4	1	\$87.41

3 Flute TiCN Coated Square End Mill for Aluminum



113-NC43050	1/8 X 1/8 X 1/4 X 1-1/2	2	\$9.08
113-NC43070	5/16 X 5/16 X 13/16 X 2-1/2	1	\$20.00

4 Flute Ballnose - Solid Carbide End Mill



113-NC64008	1/8 X 1/8 X 1/2 X 1-1/2	1	\$5.00
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4 Flute TiAlN Coated Ballnose Solid Carbide End Mill



113-NC64020A	5/16 X 5/16 X 7/8 X 2-1/2	1	\$20.00
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**4 Flute Corner Radius TiCN, Standard Length
W = WELDON FLAT**



113-NCM4143W-MOD	1X1X1-1/2X4 CORNER RAD MODIFIED SHANK	2	\$129.90
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4 Flute Corner Radius Stub Length



113-NCM1020	5/16 X 5/16 X 7/16 X 2 .015-.020R	2	\$19.68
113-NCM1028	7/16 X 7/16 X 9/16 X 2-1/2 .015-.020R	2	\$30.45
113-NCM1034	5/8 X 5/8 X 3/4 X 3 .030-.035R	2	\$58.44
113-NCM1040	1 X 1 X 1-1/4 X 3 .030-.035R	1	\$142.86

4 Flute Ball End, TiCN, Standard Length

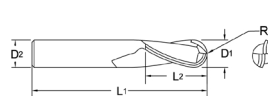


113-NCM6034	5/8 X 5/8 X 1-5/8 X 3-1/2	1	\$64.83
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4 Flute Ball End, Stub Length



113-NCM2012	3/16 4FL B/N STUB MULTIMILL	4	\$10.92
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Solid Carbide Ball Nose End Mills - 2 Flute



	Order #	D1 x R	L2	L1	D2	QTY	SALE Price
STANDARD SHANK	109-220202-030X	3.0X1.5R	6	50	6	3	\$20.80
	109-220202-040AX	4.0X2.0R	8	50	4	3	\$18.88
	109-220202-040X	4.0X2.0R	8	50	6	3	\$20.80
	109-220202-060F	6.0X3.0R	12	50	6	1	\$20.80
	109-220202-070X	7.0X3.5R	14	60	8	2	\$39.04
	109-220202-080F	8.0X4.0R	16	60	8	1	\$39.04
	109-220202-080X	8.0X4.0R	16	60	8	1	\$39.04
	109-220202-090X	9.0X4.5R	18	72	10	1	\$60.80
LONG SHANK	109-220212-030X	3.0X1.5R	6	75	4	3	\$27.52
	109-220212-040F	4.0X2.0R	8	75	4	8	\$27.52
	109-220212-040X	4.0X2.0R	8	75	4	19	\$27.52
	109-220212-050AF	5.0AX2.5R	10	75	6	1	\$32.00
	109-220212-050AX	5.0AX2.5R	10	75	6	2	\$32.00
	109-220212-050X	5.0X2.5R	10	100	6	4	\$40.00
	109-220212-080X	8.0X4.0R	16	100	8	3	\$56.00



**2 Flute Square & Ball End
Aluminum & Non-Ferrous, Var.-Helix**



Order Number	Description	QTY	CLEARANCE PRICE
103-V2080304S	VIPER 1/8, 2 FLT, 3/16 LOC, 1/2 LBS, 1-1/2 OAL, STEALTH COATING	3	\$10.90
103-V2321011S	VIPER 1/2, 2 FLT, 5/8 LOC, 1-3/8 LBS, 3 OAL, STEALTH COATING	6	\$45.58
103-V24012S	VIPER 5/8, 2 FLT, 3/4 LOC, 3-1/2 OAL, STEALTH	3	\$73.10
103-BV24012S	BALL VIPER 5/8, 2 FLT, 3/4 LOC, 3-1/2 OAL, STEALTH COATING	1	\$90.30

3 Flute Square End

Aluminum & Non-Ferrous, Var.-Helix



103-V30501	VIPER 5/64 DIA, 3 FLT, 7/64 LOC, 1/8 SHK, 1-1/2 OAL	1	\$21.60
103-V32008S	VIPER 5/16, 3 FLT, 1/2 LOC, 2 OAL, STEALTH COATING	2	\$24.37
103-V32013S	VIPER 5/16, 3 FLT, 13/16 LOC, 2-1/2 OAL, STEALTH COATING	1	\$32.73

4 Flute Square End

General Purpose Steel, Var.-Helix



103-R61606RC	RAPTOR 1/4, 3/6 FLT, 3/8 LOC, .015-.020 RAD, 2 OAL, ALTiN COATING	2	\$15.77
103-R62408RC	RAPTOR 3/8, 3/6 FLT, 1/2 LOC, .015-.020 RAD, 2 OAL, ALTiN COATING	8	\$26.09
103-R63210RC	RAPTOR 1/2, 3/6 FLT, 5/8 LOC, .025-.030 RAD, 3 OAL, ALTiN COATING	6	\$43.86
103-R63220RC	RAPTOR 1/2, 3/6 FLT, 1-1/4 LOC, .025-.030 RAD, 3 OAL, ALTiN COATING	2	\$49.88

3/8 Flute Square End

Contouring Exotic Materials, Var.-Helix



103-DVH405010RC	DVH 5/64 DIA, 4 FLT, 7/64 LOC, .005 RAD, 3/16 SHK, 2 OAL, ALTiN COATING	4	\$21.00
103-DVH43210RC	DVH 1/2, 4 FLT, 5/8 LOC, .025-.030 RAD, 3 OAL, ALTiN COATING	2	\$43.86

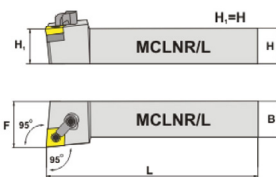
Diamond Back Roughers

Heavy Aluminum Roughing, Var.-Helix



103-DR3321011R030S	DBACK ROUGHER 1/2, 3 FLT, 5/8 LOC, .030 RAD, 1-3/8 LBS, 3 OAL, STEALTH COATING	1	\$61.35
103-DR34816R030S	DBACK ROUGHER 3/4, 3 FLT, 1 LOC, .030 RAD, 4 OAL, STEALTH COATING	1	\$123.26





Right Hand Shown

KIT Content

1 HOLDER and 10 INSERTS
from LIST BELOW

**** Must Purchase 10 Inserts ****

KIT Price
\$119.00

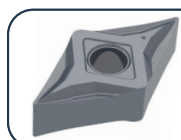
EDP #	Description	Chipbreaker	Application	QTY	Manufacturer	Price
146-CNMA433VP1505	CNMA433-VP1505 HI-PERFORMANCE FOR CAST IRON	FLAT	CAST IRON	3	WALTER	\$3.99
135-11335509	CNMA434 (120416EN)-S CTC3110	FLAT	CAST IRON	9	CERATIZIT	\$3.99
136-122390	CNMA434 UC5005	FLAT	CAST IRON	2	MITSUBISHI	\$3.99
136-292787	CNMA544 UC5105	FLAT	CAST IRON	2	MITSUBISHI	\$3.99
129-5655473	CNMP431-3D SC3025/(MP23-NO HONE)	POSITIVE	STEEL P25	3	STELLRAM	\$3.99
117-6607045	CNMP432NN-LT10	POSITIVE	STEEL P20-P30	3	TECHNIKS	\$3.99
129-12936	CNMP433-3D-MP23M STELLRAM INSERT	POSITIVE	STEEL P10-P20	28	STELLRAM	\$3.99
146-CNMP433C59610	CNMP433-C5 9610 TURNING INSERT	POSITIVE	STEEL P10-P20	10	WALTER	\$3.99
135-11167338	CNMG 120408EN-M42 CTP2120	F	STEEL P15-P25	20	CERATIZIT	\$3.99
135-11167501	CNMG 120408EN-M52 CTP2120	M	STEEL P15-P25	34	CERATIZIT	\$3.99
135-11826631	CNMG 120408EN-M70 CTC125	R	STEEL P20-P30	25	CERATIZIT	\$3.99
135-11826656	CNMG 120412EN-M70 CTC125	R	STEEL P20-P30	10	CERATIZIT	\$3.99
146-6059742	CNMG431-FP5 WPP10S	F-M	STEEL P10-P20	18	WALTER	\$5.99
129-5651832	CNMG432A-4U SC1519	R	CAST IRON	11	STELLRAM	\$3.99
135-342497	CNMG432EN-TF GM537	F	STEEL P20-P30	8	CERATIZIT	\$3.99
135-11005501	CNMG432EN-TMF GM537	M	STEEL P20-P30	7	CERATIZIT	\$3.99
146-CNMG432LC515	CNMG432-LC 515	LOW CARBON	STEEL P20-P30	6	WALTER	\$3.99
146-CNMG432M28535	CNMG432-M2 8535 FOR HI-TEMP ALLOYS	F-M	HI-TEMP ALLOY	2	WALTER	\$3.99
146-6613404	CNMG432-MP3 WPP05S	F-M	STEEL P05	46	WALTER	\$5.99
146-6059692	CNMG432-MP3 WPP10S	F-M	STEEL P10	52	WALTER	\$5.99
336-CNMG120408MPCX2555	CNMG432-MP-CX2555 TURNING INSERT	F-M	STEEL P20-P25	20	WINSTAR/CARBIDEX TOOLS	\$3.99
146-7560025	CNMG432-MU5 WPP20S	M	STEEL P20-P25	20	WALTER	\$5.99
117-6608016	CNMG432NN-LT1000	M	STEEL P20-P25	15	TECHNIKS	\$3.99
117-6607033	CNMG432NN-LT10	M	STEEL P20-P25	20	TECHNIKS	\$3.99
336-CNMG120408RPCX2555	CNMG432-RP-CX2555 TURNING INSERT	R	STEEL P20-P25	30	WINSTAR/CARBIDEX TOOLS	\$3.99
336-CNMG120408RPCX2565	CNMG432-RP-CX2565 TURNING INSERT-MULTILAYER	R	STEEL P20-P30	50	WINSTAR/CARBIDEX TOOLS	\$3.99
286-CNMG432SFTX520	CNMG432-SF-TX520 COATED CERMET	F	STEEL P10-P20	30	SSANGYONG	\$3.99
336-CNMG120408SPCX2555	CNMG432-SP-CX2555 NEGATIVE TURNING INSERT	F	STEEL P20-P30	4	WINSTAR/CARBIDEX TOOLS	\$3.99
129-026704	CNMG433A-3J SP3036	M	ST/STL M20-30	3	STELLRAM	\$3.99
135-11224250	CNMG433EN-TM CTC1130	M-R	STEEL P20-P30	30	CERATIZIT	\$3.99
136-384905	CNMG433GH UE6110	R	STEEL P20-P30	1	MITSUBISHI	\$3.99
136-232004	CNMG433GJ VP15TF	R	STEEL P20-P30	10	MITSUBISHI	\$3.99
146-CNMG433M49605	CNMG433-M4-9605	M	STEEL P20-P30	3	WALTER	\$3.99
146-5092677	CNMG433-NM6 WPP20	M-R	STEEL P20-P30	10	WALTER	\$3.99
146-CNMG433R3VP1510	CNMG433-R3-VP1510 HI-PERFORMANCE FOR CAST IRON	R	CAST IRON	1	WALTER	\$3.99
140-CNMG433RBTP30	CNMG433-RB-TP30 COATED TURNING INSERT	R	STEEL P20-P30	9	VARDEX	\$3.99
135-11242705	CNMG543EN-909 CTC1130	M	STEEL P20-P30	4	CERATIZIT	\$5.99
136-497889	CNMG543MP UC5115	POS	CAST IRON	10	MITSUBISHI	\$5.99
140-CNMG643909LP2002	CNMG643-909-LP2002 COATED INSERT	R	STEEL P20-P30	10	VARDEX	\$6.99
140-CNMG643909LP4002	CNMG643-909-LP4002 ROUGHING INSERT	R	STEEL P20-P30	4	VARDEX	\$6.99
129-CNMG643A3SNTA	CNMG643A-3S NTA	1	STEEL P20-P30	7	STELLRAM	\$2.99
129-CNMG643A3ST14	CNMG643A-3S T14	1	STEEL P20-P30	10	STELLRAM	\$2.99
135-11171527	CNMG643EN-TMR CTC1125	R	STEEL P20-P30	10	CERATIZIT	\$6.99
116-JBMGR3MEAG535	CNMG643-ME AG535/525	R	STEEL P20-P30	3	TOOLFLO	\$6.99
129-5651691	CNMG644A-4T NL30	R	STEEL P20-P30	90	STELLRAM	\$6.99

* F= FINE, M= MEDIUM, R= ROUGHING *

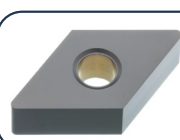
Available While Supplies Last



DN Series INDEXABLE-TURNING-NEGATIVE INSERTS



DN GP



DN MA

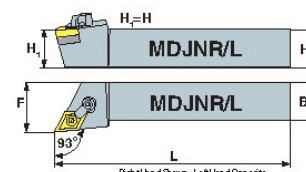


DN MG

ITEM NUMBER	DESCRIPTION	MANUFACTURER	CHIPBREAKER	APPLICATION	QTY	CLEARANCE
140-DNMG331903LP151	DNMG331-903-LP151 VERSA-TURN INSERT	VARDEX	F-M	STEEL P20-P30	9	\$3.99
140-DNMG331903LP242	DNMG331-903-LP242 VERSA-TURN INSERT	VARDEX	F-M	STEEL P20-P30	10	\$3.99
140-DNMG331903LP4002	DNMG331-903-LP4002 VERSA-TURN INSERT	VARDEX	F-M	STEEL P20-P30	10	\$3.99
129-027462	DNGP430.2-3F-SP4064	STELLRAM	FINE FINISH	STEEL FINISHING	17	\$7.99
146-6057718	DNMG431-FP5 WPP10S	WALTER	F-M	STEEL P10-P20	2	\$8.99
146-6065885	DNMG431-FP5 WPP20S	WALTER	F-M	STEEL P20-P30	1	\$8.99
136-347039	DNMG431C NX2525 INSERT	MITSUBISHI	F-M	STEEL FINISH-CERMET	10	\$5.99
135-11553194	DNMG431EN-M50 CTC125	CERATIZIT	M	STEEL P20-P30	3	\$7.99
136-101770	DNMG431MS HTI20T INSERT	MITSUBISHI	M	NON-FERROUS	4	\$4.99
136-437616	DNMG431SH NX3035 INSERT	MITSUBISHI	F	STEEL CTD-CERMET	4	\$7.99
146-7271200	DNMG432-MV5 WPP20	WALTER	M	STEEL P20-P30	8	\$5.99
146-6113797	DNMG432-RP5 WPP10S	WALTER	R	STEEL P10-P20	2	\$8.99
199-1-02-039830	DNMG432-VM PC5300	KORLOY	M	STEEL P20-P30	8	\$7.99
135-11168410	DNMG432EN-M42 CTC2135	CERATIZIT	F-M	STEEL P20-P30	15	\$7.99
135-11513923	DNMG432EN-M50 CTC125	CERATIZIT	M	STEEL P20-P30	2	\$7.99
136-116712	DNMG432GH UE6005 INSERT	MITSUBISHI	R	STEEL P05-P10	2	\$5.99
136-191118	DNMG432GH UE6020 INSERT	MITSUBISHI	R	STEEL P20-P30	1	\$5.99
136-116295	DNMG432GH UE6035 INSERT	MITSUBISHI	R	STEEL P30-P40	2	\$5.99
136-155408	DNMG432GH US7020 INSERT	MITSUBISHI	R	STAINLESS M25	2	\$5.99
136-198176	DNMG432GJ VP10RT INSERT	MITSUBISHI	M	EXOTIC-M10	2	\$5.99
136-602423	DNMG432LP MP3025 INSERT	MITSUBISHI	L-M	STEEL P20-P30	7	\$5.99
136-174351	DNMG432MA UE6020 INSERT	MITSUBISHI	M	STEEL P20-P30	2	\$5.99
336-DNMG150408MGCX2555	DNMG432MG-CX2555 TURNING INSERT	CARBIDEX TOOLS	M	STEEL P20-P30	30	\$5.99
336-DNMG150408MGCX2565	DNMG432MG-CX2565 TURNING INSERT	CARBIDEX TOOLS	M	STEEL P20-P30	10	\$5.99
136-259792	DNMG432MJ RT9010 INSERT	MITSUBISHI	M-F	EXOTIC-M20	10	\$5.99
336-DNMG150408RGCX2555	DNMG432RG-CX2555 TURNING INSERT	CARBIDEX TOOLS	R	STEEL P20-P30	10	\$5.99
136-384681	DNMG432SA UE6110 INSERT	MITSUBISHI	F	STEEL P10-P20	2	\$5.99
136-155272	DNMG432SA US7020 INSERT	MITSUBISHI	F	STAINLESS P20-P30	2	\$5.99
146-6113798	DNMG433-RP5 WPP10S	WALTER	R	STEEL P10-P20	30	\$8.99
135-11167270	DNGP440.5FN-F32 CTP2120	CERATIZIT	FINE FINISH	STEEL P10-P20	10	\$7.99
135-11167271	DNGP441FN-F32 CTP2120	CERATIZIT	FINE FINISH	STEEL P10-P20	18	\$7.99
149-146-300	DNMG442-D10 PT20C CARBIDE INSERT	SOWA	F	STEEL P20-P30	5	\$5.99
129-5654940	DNMG442A-4T NL30	STELLRAM	R	STEEL P20-P30	20	\$5.99
135-11355944	DNMG442EN-M34 CTP5115	CERATIZIT	M	STEEL P05-P10	9	\$5.99
136-394290	DNMG442MS US735 INSERT	MITSUBISHI	M	STAINLESS M35	10	\$5.99
136-483276	DNMG442MV UE6105	MITSUBISHI	M	STEEL P05-P10	7	\$5.99
136-394417	DNMG443MJ US905 INSERT	MITSUBISHI	M	HI-TEMP ALLOY	4	\$5.99

DN Series APPLICABLE TOOLHOLDERS

ITEM NUMBER	DESCRIPTION	MANUFACTURER	APPLICATION	QTY	CLEARANCE
286-EGML130	MDJNR-164D TOOLHOLDER	ECO-TURN	MULTI-CLAMP	3	\$79.00



TPG/TPMN/TPMR/TPU**CARBIDE INSERTS**

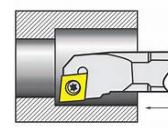
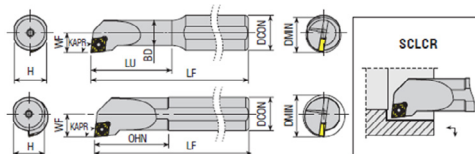
TPMT

TPG
TPMN
TPU

Item Number	Designation	Manufacturer	Application	QTY	CLEARANCE
136-108340	TPG-220.5-NX55 CERMET-UNCOATED	MITSUBISHI	TURNING/MILLING	13	\$2.99
136-108368	TPG-320.5-NX55 CERMET-UNCOATED	MITSUBISHI	TURNING/MILLING	30	\$2.99
129-5655505	TPG-322-HA C2 UNCOATED	TELEDYNE	TURNING NON-FERROUS	10	\$0.99
214-FF5022860	TPG-322-PC200 C2 AL-OXIDE COATED	PROCUT	MILLING/TURNING	10	\$1.99
180-TPG322XL85	TPG-322-XL85 CERMET-UNCOATED	EXCELLO	MILLING/TURNING	11	\$1.99
180-TPG322XL86	TPG-322-XL86 CERMET-UNCOATED	EXCELLO	MILLING/TURNING	10	\$1.99
135-11404378	TPG-432-N55 C5 UNCOATED CARBIDE	NEWCOMER	MILLING/TURNING	10	\$2.99
146-TPG432T00515Q32	TPG-432T00515-Q32 CERAMIC	VALENITE	TURNING HH STEEL	6	\$3.99
136-108508	TPMN-321-NX55 CERMET-UNCOATED	MITSUBISHI	MILLING/TURNING	10	\$2.99
136-108512	TPMN-321-UT120T C5 UNCOATED CARBIDE	MITSUBISHI	MILLING/TURNING	10	\$2.99
136-108572	TPMN-431-UT120T C5 UNCOATED CARBIDE	MITSUBISHI	MILLING/TURNING	2	\$0.99
136-108584	TPMN-432-UP20M C5 COATED CARBIDE	MITSUBISHI	MILLING/TURNING	1	\$0.99
136-108600	TPMN-433-UT120T C5 UNCOATED CARBIDE	MITSUBISHI	MILLING/TURNING	10	\$2.99
136-108610	TPMN-434-UT120T C5 UNCOATED CARBIDE	MITSUBISHI	MILLING/TURNING	20	\$2.99
129-TPU434NTA	TPU-434-NTA C5 UNCOATED CARBIDE	TELEDYNE	MILLING/TURNING	20	\$1.99
149-146-665	TPMR-322-M PT20C COATED CARBIDE	SOWA	TURNING	2	\$1.99



CCMT BORING BARS

STEEL BORING BARS
CCMT-06020_ / CCMT-2(1.5)_

EDP	BRAND	DESCRIPTION	SIZE	LIST	OVERSTOCK	QTY
291-6-870-062R	PAFANA (POLAND)	SI-SCLCR-06-2	3/8" X 6.00" OAL	\$73.10	\$49.00	2
339-S06KSCLCR2	EVO	S3/8"-SCLCR-06	3/8" X 5.00" OAL	\$69.00	\$33.00	5
METRIC BARS						
135-77430	CERATIZIT	S08H-SCLCL-06 LEFT HAND	8MM X 100MM OAL	\$180.06	\$69.00	2
339-S16RSCLCR2	EVO-METRIC	S16R-SCLCR-06	16MM X 200MM OAL	\$79.00	\$39.00	1

CCMT-09T30_ / CCMT-3(2.5)_

EDP	BRAND	DESCRIPTION	SIZE	LIST	OVERSTOCK	QTY
291-6-870-103R	PAFANA (POLAND)	SI-SCLCR-10-3	5/8" X 8.00" OAL	\$86.00	\$49.00	1
367-M.12.01.02.04.01.41	AKKO	S10R-SCLCR-3	5/8" X 8.00" OAL	\$89.00	\$49.00	3

CARBIDE BORING BARS
CCMT-06020_ / CCMT-2(1.5)_

EDP	BRAND	DESCRIPTION	SIZE	LIST	OVERSTOCK	QTY
329-IC06MSCLCR2	HONJAN	IC06M-SCLCR-2	3/8" (.375) X 6.00" OAL	\$383.56	\$249.00	5
CARBIDE-SOLID - NON COOLANT						
METRIC BARS						
135-172475 (70719012)	CERATIZIT	E12Q-SCLCL-06	12MM X 180MM OAL	\$647.74	\$299.00	1
CARBIDE LEFT-HAND -COOLANT THRU						

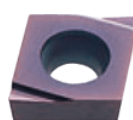
SQUARE SHANK
CCMT-12040_ / CCMT-43_

EDP	BRAND	DESCRIPTION	SIZE	LIST	OVERSTOCK	QTY
181-SCLCR16H12.625	ARNO	SCLCR 1616 H12 .625	5/8" X 5/8"	\$89.00	\$49.00	1

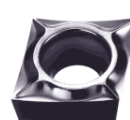
APPLICABLE INSERTS



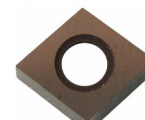
CCET



CCGH



CCGT



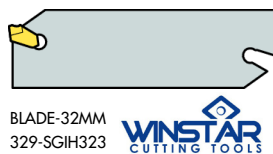
CCGW



CCMT

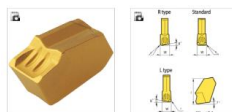
ORDER#	DESCRIPTION	MANUFACTURER	QTY	APPLICATION CHIPBREAKER	LIST PRICE	CLEARANCE
136-272567	CCET21.51RSN VP15TF INSERT	MITSUBISHI	10	F - P10-P20	\$18.72	\$8.99
136-293350	CCGH21.50.5RF VP15TF INSERT	MITSUBISHI	10	F - P10-P20	\$22.12	\$9.99
136-251299	CCGT21.50.2FJ-P RT9005 INSERT	MITSUBISHI	20	POS - ALU	\$18.62	\$9.99
135-11166991	CCGT 09T300FN-F23 CTP2120	CERATIZIT	10	UF - P10-P20	\$28.51	\$12.99
136-251150	CCGT32.5V5FJ-P RT9005 INSERT	MITSUBISHI	3	POS - ALU	\$26.17	\$12.99
181-12466-02	CCGT 120402FN-ALU AK10 INSERT	ARNO USA	20	POS - ALU	\$26.46	\$12.99
135-354761	CCGT 120408FN-25P AMZ	CERATIZIT	10	POS - ALU	\$30.91	\$12.99
265-5926845	CCGW21.52T0225 ZC4 CERAMIC INSERT	NTK CERAMICS	1	FLAT - RC60	\$16.23	\$8.99
146-6439421	CCMT2(1.5)0.5-FP4 WPP20S	WALTER	10	F - P10-P20	\$16.50	\$5.99
136-186423	CCMT21.51 UE6020 INSERT	MITSUBISHI	10	F - P10-P20	\$19.12	\$6.99
117-3664411	CCMT21.51NN-LT10-INSERT	TECHNIKS	20	M - P10-P20	\$15.40	\$5.99
135-11171021	CCMT 09T304EN-SM CTC1125	CERATIZIT	30	F - P10-P20	\$15.23	\$5.99
117-3668021	CCMT32.51NN-LT1000-INSERT	TECHNIKS	19	M - P10-P20	\$16.80	\$5.99
136-186466	CCMT32.52 UE6020 INSERT	MITSUBISHI	10	M - P10-P20	\$21.54	\$7.99
149-147-154	CCMT32.52-F2P PT20C CARBIDE INSERT (2105230)	SOWA	1	F - P10-P20	\$12.90	\$1.99
149-146-035	CCMT32.52-F3P PT20C CARBIDE INSERT (2107556)	SOWA	1	F - P10-P20	\$12.90	\$1.99
136-186474	CCMT431 UE6020 INSERT	MITSUBISHI	2	M - P10-P20	\$23.98	\$8.99
149-146-082ST30A	CCMT 120408-C25-ST30A INSERT	KORLOY/SOWA	195	M - P30UNC	\$12.00	\$3.99
135-11810189	CCMT 120408EN-M55 CTPM125	CERATIZIT	10	M - M20	\$24.34	\$9.99

PARTING INSERTS GTN STYLE

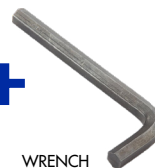


BLADE-32MM
329-SGIH323

WINSTAR
CUTTING TOOLS



10 INSERTS
(YOUR CHOICE AS BELOW)

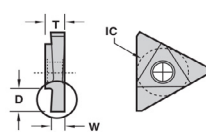
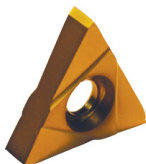


WRENCH

PACKAGE
DEAL
\$89.00

ITEM NUMBER	MANUFACTURER	DESIGNATION	WIDTH	LEAD ANGLE	QTY	CLEARANCE **Inserts Only**
180-COL8120BP656	BELCAR(USA)	COL(8)-120-BP656	3mm(.120)	8 degree Left	50	\$4.99
180-COL8120BP54C	BELCAR(USA)	COL(8)-120-BP54C			9	\$4.99
180-COR8120BP656	BELCAR(USA)	COR(8)-120-BP656	3mm(.120)	8 degree Right	26	\$4.99
135-11401721	CERATIZIT	NGTR-3-8-PV52			3	\$4.99

GROOVING INSERTS

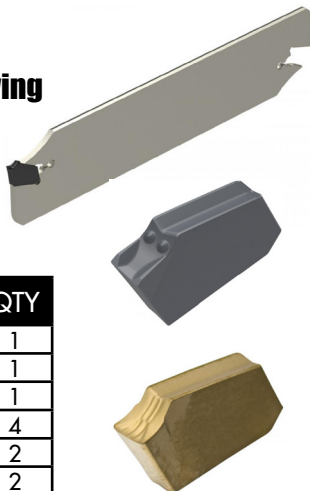


Item Number	Manufacturer	Designation	Width	Lead Angle	QTY	CLEARANCE
116-0253050N4C	TOOL FLO Member IMC Group	TNMC54 NT 5P GP50C	5ACME	29 Degree	5	\$4.99
116-0211100AT3		TPMC 32 NT 10P AT3	10ACME	29 Degree	2	\$4.99
136-107388	MITSUBISHI MATERIALS U.S.A.	TNMC43NGR094 UP20M INSERT	.094	Neutral	4	\$4.99
146-TNMC43NGR1255	WALTER	TNMC43NGR125 VC5 UNCOATED INSERT	.125	Neutral	5	\$4.99
180-TNMC43NGRW100AN2	CALIBER INDUSTRIAL SUPPLY	TNMC43NGR-W.100-AN2 UNCOATED INSERT (ANC CARBIDE)	.100	Neutral	20	\$4.99
180-TNMC43NGRW125AN66		TNMC43NGR-W.125 AN66 UNCOATED INSERT (ANC CARBIDE)	.125	Neutral	67	\$4.99
180-TPMC32NVAN6		TPMC-32NV-AN6 UNCOATED CARBIDE (ANC CARBIDE)	THREAD	60 Degree	10	\$4.99
180-TPMC32NVAN66		TPMC 32NV AN-66 UNCOATED INSERT (ANC CARBIDE)	THREAD	60 Degree	18	\$4.99
180-TPMC32NGLW098AN2		TPMC-32NGL-W.098-AN2 UNCOATED CARBIDE INSERT (ANC CARBIDE)	.098	Neutral	10	\$4.99
180-TPMC43NGRW126AN2		TPMC-43NGR-W.126-AN2 UNCOATED CARBIDE INSERT (ANC CARBIDE)	.126	Neutral	30	\$4.99
180-TPMC54NGRW1875AN66		TPMC-54NGR-W.1875 AN66 UNCOATED CARBIDE (ANC CARBIDE)	.1875	Neutral	3	\$4.99
180-TPMC54NGRW250AN66		TPMC-54NGR-W.250-AN66 UNCOATED CARBIDE (ANC CARBIDE)	.250	Neutral	5	\$4.99



CLEARANCE - Parting + Grooving

Buy 10 Inserts and Get
The Blade for **FREE**

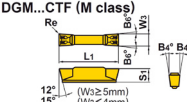
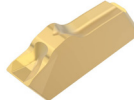
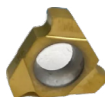
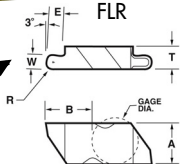


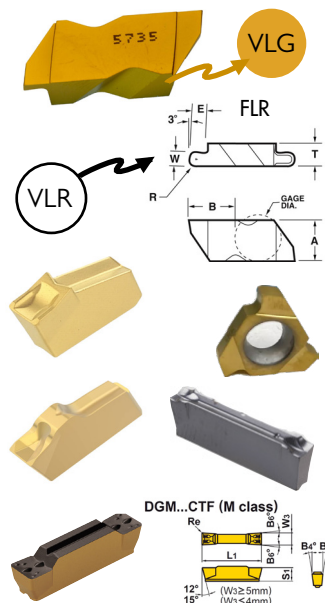
HOLDER Order#	Description	QTY
135-195627	MSS-E20R20-FX2.2	1
135-11013312	XLCEFN 3202 M22 FX	1
135-154280	XLCEFN 2603 J31 FX	1
135-154282	XLCEFN 2604 J41 FX	4
135-154284	XLCEFN 3203 M31 FX	2
135-154285	XLCEFN 3204 M41 FX	2
135-154273	XLCEFR 2520 M31 FX	1

INSERT Order#	Description	QTY	CLEARANCE
135-11040967	FX 3.1L5-F1 GM740	5	\$8.99
135-11040988	FX 3.1L5-F1 SR735	55	\$8.99
135-154420	FX 3.1L6-M1 SR127	10	\$8.99
135-11040666	FX 3.1L6-M1 SR735	10	\$8.99
135-11348356	FX 3.1N0.15-M1 CTC1325	8	\$8.99
135-11719838	FX 3.1N0.15-M1 CTCP335	25	\$8.99
135-11267988	FX 3.1N0.15-M1 CTP1340	19	\$8.99
135-153846	FX 3.1N0.15-M1 S40T	10	\$8.99
135-154253	FX 3.1N0.15-M1 SR127	10	\$8.99
135-11040667	FX 3.1N0.15-M1 SR735	10	\$8.99
135-11348362	FX 3.1N0.20-F1 CTP1340	20	\$8.99
135-11724098	FX 3.1N0.20-F1 CTPP345	10	\$8.99
135-11041166	FX 3.1N0.40-R2 SR735	18	\$8.99
135-11040964	FX 3.1R5-F1 GM740	5	\$8.99
135-11039079	FX 4.1N0.20-F1 GM740	15	\$8.99
135-11724538	FX 4.1N0.20-M1 CTPP345	10	\$8.99
135-11040991	FX 4.1R5-F1 GM740	10	\$8.99



Item Number	Designation	Manufacturer	Application	QTY	CLEARANCE
146-23550	VLG 2 125L 5310	Valenite	GROOVING AND THREADING (DISCONTINUED)	5	\$6.99
146-23396	VLG 3 062R 5820			6	\$8.99
146-23021	VLG 3 094R 5735			5	\$8.99
146-23036	VLG 3 110R 5735			15	\$8.99
146-23041	VLG 3 125R 5735			5	\$8.99
146-23415	VLG 3 125R 5820			5	\$8.99
146-23467	VLR 3 062R 5320			15	\$8.99
146-23596	TGEB 3.52 NGM L125		GROOVING	10	\$19.99
230-ISC6003399	DGN 3102J IC907	Isentr	GROOVE-TURN	10	\$12.99
214-EH6002500	GFN 2 GRADE IC328		PARTING OFF	10	\$9.99
149-800-164	150.10-4N-16 T25M	Seco		10	\$9.99
180-150.10-5N16HX	150.10-5N-16 HX			10	\$9.99
136-101641	DGM40CTF US735	MITSUBISHI MATERIALS	GROOVE-TURN	15	\$9.99
149-146-836	MGMN500-M PT20C	SOWA TOOLING YOUR WORLD.		3	\$9.99
149-147-293	MGMN800-M PT20C			3	\$9.99







KORLOY

KITS On CLEARANCE!

KIT#1 Includes:

Holder

199-1-06-016565 ----- RM4PSA3100HR-S100M - QTY:1 ----- **\$189.00**

1 piece RM4PSA3100HR-S100M and 10 LNMX100605PNR-MM PC3500 ----- \$199.00

1 piece RM4PSA3100HR-S100M and 10 LNMX100605PNR-MM PC5300 ----- \$299.00

Associated Inserts

199-1-02-033503 ----- LNMX100605PNR-MM PC3500 (Gold) - QTY:10 ----- \$10.99

199-1-02-036973 ----- LNMX100605PNR-MM PC5300 (Black) - QTY:10 ----- \$19.26

KIT#2 Includes:

Holder

199-1-06-013041 ----- RM4PSA4150HR-S125 - QTY:1 ----- **\$269.00**

1 piece RM4PSA4150HR-S125 and 20 LNMX151008PNR-MM PC3500 ----- \$299.00

1 piece RM4PSA4150HR-S125 and 20 LNMX151008PNR-MM PC5300 ----- \$499.00

KIT#3 Includes:

Holder

199-1-06-012639 ----- RM4PCA4200HR - QTY:2 ----- **\$289.00**

1 piece RM4PCA4200HR and 20 LNMX151008PNR-MM PC3500 ----- \$319.00

1 piece RM4PCA4200HR and 20 LNMX151008PNR-MM PC5300 ----- \$529.00

KIT#4 Includes:

Holder

199-1-06-012643 ----- RM4PCA4300HR - QTY:1 ----- **\$499.00**

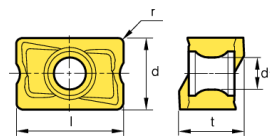
1 piece RM4PCA4300HR and 20 LNMX151008PNR-MM PC3500 ----- \$399.00

1 piece RM4PCA4300HR and 20 LNMX151008PNR-MM PC5300 ----- \$549.00

Associated Inserts

199-1-02-033505 ----- LNMX151008PNR-MM PC3500 - QTY:20 ----- \$12.99

199-1-02-037092 ----- LNMX151008PNR-MM PC5300 - QTY:20 ----- \$23.84



PC3500



PC5300



KORLOY

BLOWOUT CLEARANCE

KIT Price: \$449.00

Use Insert #: APKT1604

Cutter Diameter: 4.000"

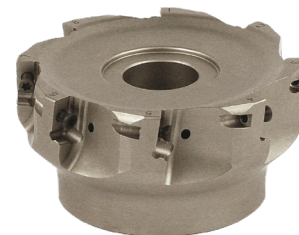
Arbor Hole Diameter: 1.250"

**5 Kits
ONLY Available!**

QTY	Order#	Description
40	336-APKT160408PDERMGCX32HS	APKT-160408PDER-MG-CX32HS MILLING INSERT
1	199-1-06-021244	AMCA3400HS (8 FLUTES)

** 8-Tooth Cutter - Coarse Pitch

** Most Suitable for CAT50 Machines



Warehouse CLEARANCE

20



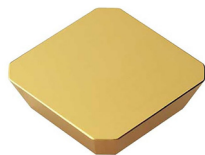
Call: 905.624.5524

Email: sales@caliberindustrial.com


**** Inserts Below for Cutter Style Shown! ****

SE__ - 42 (1203) (.500 x .125 THICK)

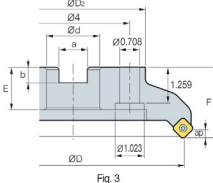
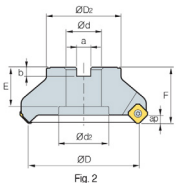
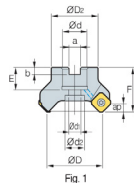
Item Number	Description	QTY	CLEARANCE
149-146-322	SECN - 1203AFTN-CN 30 (CERMET)	10	\$4.99
149-146-340	SEK 42AFTN PM25C	2	\$1.99
136-104701	SEEN42EFER1 UP20M (15° Lead-Roughing ONLY)	10	\$1.99
336-SEMR1203AFSNRGCX32HS	SEMR-1203AFSN-RG-CX32HS	70	\$7.99



SE__ - 43 (1204) (.500 x .187 THICK)

Item Number	Description	QTY	CLEARANCE
180-SEC432FT2	SECN 432 FT2 INSERTS	4	\$4.99
180-SEC43A4AT52	SECN 43A4 AT52 INSERTS	4	\$4.99
146-SEER43AFERV1N	SEER43AFER VIN TIN COATED INSERT	10	\$4.99
146-SEHN43AFSN35M	SEHN43AFSN 35M UNCOATED INSERT	10	\$4.99
146-SEHN43AFTN935	SEHN43AFTN 935 TIN COATED INSERT-NO HOLE	10	\$4.99
149-146-360	SEK43AFTN PTM30U CARBIDE	50	\$4.99
136-104826	SEMN43AZEN F620 COATED MILLING INSERT	5	\$4.99
136-104830	SEMN43AZTN UP20M COATED MILLING INSERT	7	\$4.99
136-104831	SEMN43AZTN UTI20T UNCOATED CARBIDE INSERT	20	\$4.99

Valenite
SOWA
TOOLING YOUR WORLD.

MITSUBISHI MATERIALS U.S.A.
KORLOY
FMACA4000
**** LAST CUTTER ****

 Buy 40 inserts & **GET FREE CUTTER!**

SEXT-MM

Designation

 Coated
PC5300


SEXT 14M4AGSN-MM

Order #: 199-1-02-037108

PRICE: \$21.80

 AA 45°
• AR: 21°
• RR: -17° ~ -12°

Order #: 199-1-06-009111

Designation	No. of Inserts	ØD	ØD2	Ød	α	b	E	F	Ød1	Ød2	ap	lbs
FMACA 4600R	7	6.0	4.882	2.00	0.750	0.433	1.181	2.50	-	-	0.256	10.6


WINSTAR
CUTTING TOOLS
SOWA
TOOLING YOUR WORLD.

VALUE
\$539.00!
**SAVE 66%
BY PURCHASING A KIT!**
**** ONLY ONE Left at CLEAROUT ****

QTY	Order #	MFG	Description	KIT PRICE
1	149-146-739	SOWA	2.0" ESFM 4200R - 4 FLUTE 45° FACEMILL	\$199.00
10	336-SEKT1204RGCX31NA	WINSTAR	SEKT-1204AFTN-RG-CX31NA MILLING INSERT	

MITSUBISHI MATERIALS U.S.A.

Item #	Designation	QTY	CLEARANCE
136-108452	TPKN32PPR-UTi20T C5 UNCOATED CARBIDE	10	\$ 2.99


 MILLING
90 DEGREE


Warehouse CLEARANCE

21



Call: 905.624.5524

Email: sales@caliberindustrial.com

KIT #	Order #	Description	QTY	List Price \$U.S.	CLEARANCE \$CAN
1	199-1-09-022629	AMCA3300HS-EXP KIT 1 1-09-022629 3.00" x 7-Flute FACEMILL - 90° 10 1-02-038374 APMT1604PDSR-MM PC5300	1	\$946.79	\$399.00
2	199-1-09-022641	AMSA2100HS-EXP KIT 1 1-09-022641 1.00" - 3-Flute ENDMILL - 90° 10 1-02-037089 APMT11T3PDSR-MM PC5300	1	\$395.10	\$189.00
3	199-1-09-022646	AMSA3150HS-EXP KIT 1 1-09-022646 1.50" - 4-Flute ENDMILL - 90° 10 1-02-038374 APMT1604PDSR-MM PC5300	1	\$611.75	\$249.00
4	199-1-09-022689	HRMDSA06075HR-2S075-EXP KIT 1 1-09-022689 0.750" - 2-Flute FEEDMILL 10 1-02-042197 WNMX060312ZNN-MM PC5300	1	\$581.51	\$249.00
5	199-1-09-022691	HRMDSA06100HR-3S100-EXP KIT 1 1-09-022691 1.00" - 3-Flute FEEDMILL 10 1-02-042197 WNMX060312ZNN-MM PC5300	2	\$620.74	\$249.00
6	199-1-09-022694	HRMDSA09100HR-2M100-EXP KIT 1 1-09-022694 1.00" - 2-Flute FEEDMILL 10 1-02-036423 WNMX09T316ZNN-MM PC5300	1	\$620.86	\$249.00
7	199-1-09-023088	RM3PSA3125HR-4L125 KIT 1 1-09-023088 1.25 x 1.25 x 7.874 OAL x 4-Flute 10 1-02-054253 XNKT060405PNSR-MM PC5300	2	\$484.20	\$199.00

KITS CUTTER LINEUP ▶▶▶


KITS# 1



KITS# 2, 3, 4, 5, 6



KIT# 7



AMCA3300HS

AMSA2100HS
AMSA3150HSHRMDSA06075HR-2S075
HRMDSA06100HR-3S100
HRMDSA09100HR-2M100

****Each kit includes 1 cutter and 10 inserts, wrench, grease and literature.**

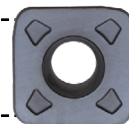


"THE BEAST" FOR HEAVY-DUTY FACE MILLING

MITSUBISHI/MOLDINO OVERSTOCK-ASDF DOUBLE-SIDED FEEDMILL

Kit Contents			Our Unbeatable PRICE
1ea	136-62046183	IASDF5040R-4U CUTTER BODY-2.5"x4FL	SEPARATE PIECE VALUE: \$1,377.31 KIT PRICING OVERSTOCK SALE: \$679.00
10ea	136-62011952	SNMU1607EN-B JP4120 MILLING INSERT	
OR			
10ea	136-62011969	SNMU1607EN-B JM4160 MILLING INSERT	SEPARATE PIECE VALUE: \$1,460.98 KIT PRICING OVERSTOCK SALE: \$729.00
1ea	136-62046190	IASDF5048R-4U CUTTER BODY-3.0"x4FL	
10ea	136-62011952	SNMU1607EN-B JP4120 MILLING INSERT	
OR			SEPARATE PIECE VALUE: \$1,685.44 KIT PRICING OVERSTOCK SALE: \$839.00
10ea	136-62011969	SNMU1607EN-B JM4160 MILLING INSERT	
1ea	136-62046206	IASDF5064R-5U CUTTER BODY-4.0"x5FL	
10ea	136-62011952	SNMU1607EN-B JP4120 MILLING INSERT	
OR			
10ea	136-62011969	SNMU1607EN-B JM4160 MILLING INSERT	


MOLDINO
The Edge To Innovation

TR4D OVERSTOCK/CLEARANCE


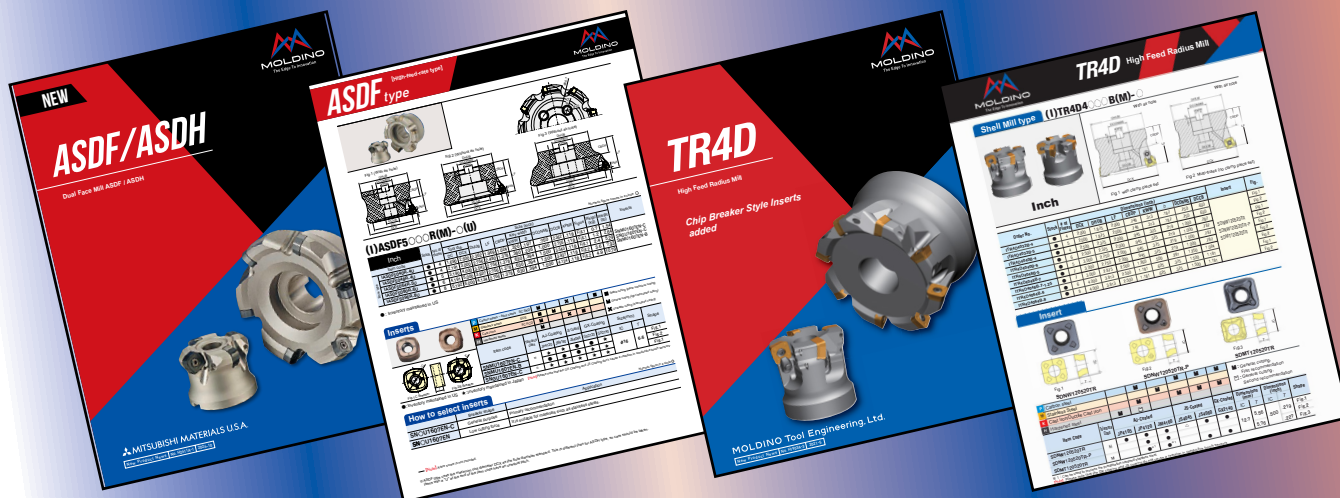
Kit Contents



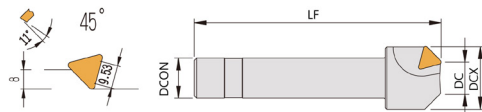
Our Unbeatable PRICE

1ea	136-62098540	TR4D4032B-5 - 2.0" X 5 FLUTE CUTTER BODY-FEEDMILL
30ea	136-62079785	SDNW 120520TR-JP4120 - FEEDMILL INSERT

REGULAR PRICE: \$1,527.68
 KIT PRICING: \$1,161.46
OVERSTOCK PRICE: \$749.00
SAVE \$778.68 (51%)



CHAMFER CUTTERS CLEARANCE



CALIBER EDP#	DESCRIPTION	QTY	KIT PRICE
254-ME05C	ME-05C 1-1/4" X 3/4" - 82 DEG - 1-FLUTE	1	\$99.00 + 10 Inserts
180-CH30500	CH30-500 1-1/4" X 3/4" - 60 DEG - 1-FLUTE (Min Dia - 1/2")	2	\$99.00 + 10 Inserts
214-FF5022860	TPG 322 PC200	10	ASSOCIATED CLEARANCE INSERTS
180-TPG322XL85	TPG 322 XL85	11	
180-TPG322XL86	TPG 322 XL86	10	

INDEXABLE CHAMFER TOOLS CLEARANCE



CALIBER EDP#	DESCRIPTION	QTY	LIST PRICE		
137-577-421	CC182 3/4" X 82 DEG	1	\$317.97	COUNTERSINK CHAMFER TOOL	KIT PRICE INCLUDING 1 CUTTER AND 10 INSERTS **ONLY \$149.00** Value \$399.00
291-112-1836-54	TCMT 16T304 MP PH6910	10	\$4.99	ASSOCIATED CLEARANCE INSERTS	
135-11529822	TCMT 16T304EN-SF CTC125	2	\$4.99		



Do You Mill Exotic Materials?

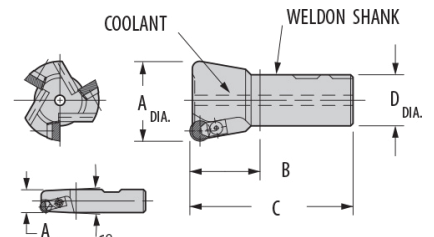


WSRP ROUND POSITIVE END MILL

Applicable Insert

** RPGN - 2.52 (ISO: RPGN - 070300)

Value
\$299.00
CLEARANCE
\$99.00



RIGHT HAND	GAGE INSERT	A	B	C	D	NO. OF INSERTS
Order# 400-1120293 WSRP-60000.7-RH	RPGN-2.52	0.750	1.250	3.280	0.750	2

Inserts	Part Number ANSI	Steel			Stainless Steel		Cast Iron				Heat-Resistant Super Alloys				Hardened Steel			Part Number ISO	Dimensions (inches)			
		P			M		K				S				H				A	T		
		GA5036	G-915	G-9120	G-915	G-9230	WG-600®	G-9230	G-915	GSN100™	XSYTIN®-1	G-915	G-9230	WG-600®	WG-300®	XSYTIN®-1	WG-300®				WG-600®	XSYTIN®-1
	RPGN-21.5	◆	▲	●	▲	◆	◆	◆	▲	◆	▲	◆	▲	●	▲	◆	●	◆	▲	RPGN-060200	0.250	0.094
	RPGN-2.52 **	◆	▲	●	▲	◆	◆	◆	▲	◆	▲	◆	▲	●	▲	◆	●	◆	▲	RPGN-070300	0.312	0.125
	RPGN-32	◆	▲	●	▲	◆	◆	◆	▲	◆	▲	◆	▲	●	▲	◆	●	◆	▲	RPGN-090300	0.375	0.125
	RPGN-43	◆	▲	●	▲	◆	◆	◆	▲	◆	▲	◆	▲	●	▲	◆	●	◆	▲	RPGN-120400	0.500	0.187

CARBIDE COATINGS: MT-CVD Coated PVD Coated Uncoated

First Choice ◆ Second Choice ● Alternative ▲

CERAMIC CLASSIFICATION: Whisker Ceramic Phase-Toughened Silicon Nitride Alumina TiC

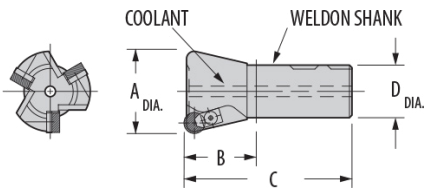


WSRN ROUND NEGATIVE END MILL

Applicable Insert - 135-11281167

** RNGN - 090300 - CTS31X CERAMIC

Value
\$299.00
CLEARANCE
\$99.00



RIGHT HAND	GAGE INSERT	A	B	C	D	NO. OF INSERTS
Order# 400-1090146 WSRN-60001.2-RH	RNGN-32	1.250	1.250	3.530	1.000	3

Inserts	Part Number ANSI	Steel			Stainless Steel		Cast Iron		Heat-Resistant Super Alloys				Hardened Steel		Part Number ISO	Dimensions (inches)						
		P			M		K		S				H			A	T					
		GA5036	G-915	G-9120	G-915	G-9230	WG-600®	G-9230	G-915	GSN100™	XSYTIN®-1	G-915	G-9230	WG-600®				WG-300®	XSYTIN®-1	WG-300®	WG-600®	XSYTIN®-1
	RNGN-32 **	◆	▲	●	▲	◆	◆	◆	▲	◆	▲	◆	▲	●	◆	▲	●	◆	▲	RNGN-090300	0.375	0.125
	RNGN-42	◆	▲	●	▲	◆	◆	◆	▲	◆	▲	◆	▲	●	◆	▲	●	◆	▲	RNGN-120300	0.500	0.125
	RNGN-43	◆	▲	●	▲	◆	◆	◆	▲	◆	▲	◆	▲	●	◆	▲	●	◆	▲	RNGN-120400	0.500	0.187
	RNGN-45	◆	▲	●	▲	◆	◆	◆	▲	◆	▲	◆	▲	●	◆	▲	●	◆	▲	RNGN-120700	0.500	0.313

CARBIDE COATINGS: MT-CVD Coated PVD Coated Uncoated

First Choice ◆ Second Choice ● Alternative ▲

CERAMIC CLASSIFICATION: Whisker Ceramic Phase-Toughened Silicon Nitride Alumina TiC



DEMO STOCK CLEARANCE

CAT40 X GHK16S-95L
5/8 Hex Key Power Chuck
ORDER# 331-CT40224202A

**** 3 Available ONLY ****

~~WAS: \$329.00~~

NOW: \$229.00 (SAVE \$100.00)

Note: Cosmetic imperfection on keyway Does Not affect performance.





**ONLY 1 Left
CLEARANCE
\$799.00**

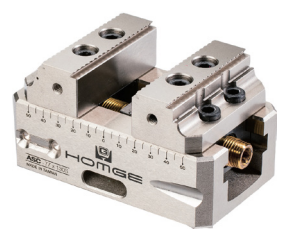


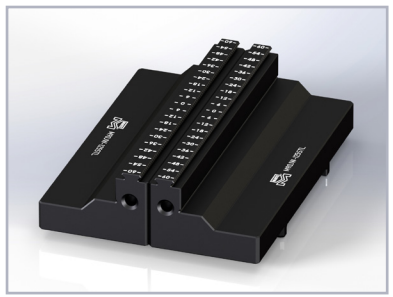
Order# 288-RWS405XST

TECO 4IN COMPACT VISE W/STEEL JAWS

FEATURES:

- Vise body and segment assembly manufactured from 4140 hardened steel for maximum rigidity, accuracy and clamping pressure.
- Machinable jaws allow maximum part contact ensuring a rigid, accurate workholding fixture.
- Vise accepts Toolex® SnapLock Jaws for maximum flexibility and reduced set-up time.
- Tool kit included (vise handle, pry wrench and hex key).
- Solid end construction eliminates jaw lift on fixed jaw end.
- Repeatability within $\pm .0005"$.

Order Number	Description	QTY	List Price	CLEAROUT	Vise Image
 338-ASC077X130S4	ASC-77 X 130S-4 FIVE AXIS, SELF CENTERING VISE 4-SCREW; 52X52MM BOLT PATTERN	7	\$1,188.00	\$594.00	



**ONLY
One Left!**

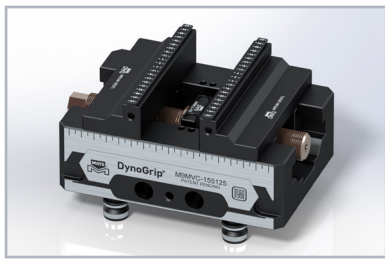
96 HARDENED STEEL VISE JAW PAIR 125MM WIDE

Order# 385-M90JP-125STL

List Price: US\$ 290.00

CLEAROUT: CAN\$ 290.00

SAVE 30%



**ONLY
One Left!**

96 SELF-CENTERING VICE ASSEMBLY
155MM CLAMP 125MM JAW WIDTH

Order# 385-M9MVC-155125

List Price: US\$ 2,080.00

CLEAROUT: CAN\$ 2,080.00

SAVE 30%



**ONLY
One Left!**

96 RECTANGULAR BASE ASSEMBLY
156MM WIDTH X 192MM LENGTH W MOUNTING BORES

Order# 385-M9MBX-156192-02

List Price: US\$ 1,450.00

CLEAROUT: CAN\$ 1,450.00

SAVE 30%



**ONLY
One Left!**

96 SELF-CENTERING VICE ASSEMBLY
255MM CLAMP 125MM JAW WIDTH

Order# 385-M9MVC-255125

List Price: US\$ 2,475.00

CLEAROUT: CAN\$ 2,475.00

SAVE 30%



Warehouse CLEARANCE

75 X 100MM SELF CENTERING VISE

 5th AXIS



Reduced
for CLEAROUT
CAN\$ 899.00

On Hand: 2

LIST: US\$ 899.00
Order#: 312-V75100-L52

DV510 5" X 10" DEUCE VISE (BASE)

 5th AXIS



Reduced
for CLEAROUT
CAN\$ 1,499.00

**** Jaws Sold Separately**

On Hand: 1

LIST: US\$ 1,499.00
Order#: 312-DV510

DOVETAIL FIXTURE; 12MM X 32MM

 5th AXIS



Reduced
for CLEAROUT
CAN\$ 249.00

On Hand: 1

LIST: US\$ 249.00
Order#: 312-DM12

DV56 - 5" X 6" DEUCE VISE (BASE)

 5th AXIS



Reduced
for CLEAROUT
CAN\$ 849.00

**** Jaws Sold Separately**

On Hand: 2

LIST: US\$ 849.00
Order#: 312-DV56

DOVETAIL FIXTURE; 25MM X 37MM

 5th AXIS



Reduced
for CLEAROUT
CAN\$ 339.00

On Hand: 2

LIST: US\$ 339.00
Order#: 312-DM25

DOVETAIL & SERRATED HARD JAW SET

 5th AXIS



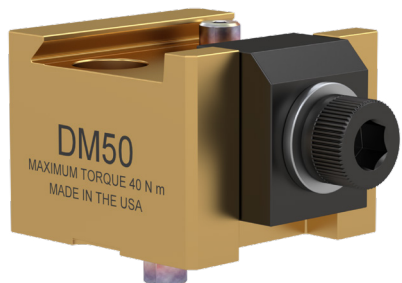
Reduced
for CLEAROUT
CAN\$ 529.00

On Hand: 2

LIST: US\$ 529.00
Order#: 312-DV56-3R

DOVETAIL FIXTURE; 50MM X 50MM

 5th AXIS



Reduced
for CLEAROUT
CAN\$ 399.00

On Hand: 1

LIST: US\$ 399.00
Order#: 312-DM50

SELF-CENTERING VISE; 150MM X 250MM

 5th AXIS



Reduced
for CLEAROUT
CAN\$ 2,309.00

On Hand: 1

LIST: US\$ 2,309.00
Order#: 312-V6105M

RISER, D221 COMPATIBLE WITH
96MM QUICK CHANGE SYSTEM

 **5th AXIS**



Reduced
for CLEAROUT
CAN\$ 892.00

On Hand: 1

LIST: US\$ 892.00
Order#: 312-R96-D221

ROCKLOCK 96MM TOP TOOLING -
V75150X 1EA: R96-V75150X-1 [RISER]

 **5th AXIS**



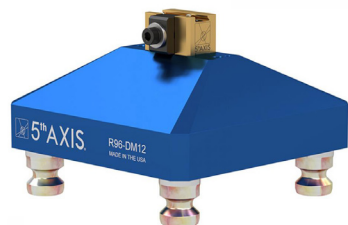
Reduced
for CLEAROUT
CAN\$ 1,529.00

On Hand: 1

LIST: US\$ 1,529.00
Order#: 312-R96-V75150X

ROCKLOCK 96MM TOP TOOLING -
DM12 1EA: R96-DM12-1 [RISER]

 **5th AXIS**



Reduced
for CLEAROUT
CAN\$ 892.00

On Hand: 1

LIST: US\$ 892.00
Order#: 312-R96-DM12

ROCKLOCK 52MM LOW PROFILE BASE;
116MM DIAMETER

 **5th AXIS**



Reduced
for CLEAROUT
CAN\$ 729.00

On Hand: 1

LIST: US\$ 729.00
Order#: 312-RL52A-4

ROCKLOCK 96MM TOP TOOLING -
DV75150X-J1 1EA: R96-V75150X-1 [RISER]

 **5th AXIS**



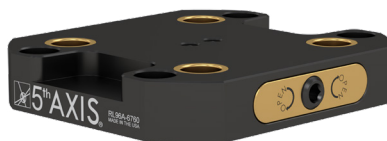
Reduced
for CLEAROUT
CAN\$ 1,739.00

On Hand: 1

LIST: US\$ 1,739.00
Order#: 312-R96-DV75150X-J1

ROCKLOCK 96MM LOW PROFILE
BASE; 6" X 7"

 **5th AXIS**



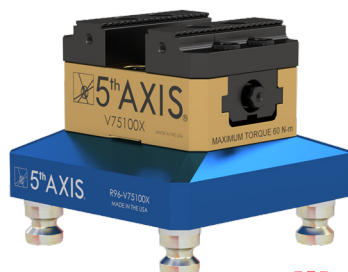
Reduced
for CLEAROUT
CAN\$ 929.00

On Hand: 1

LIST: US\$ 929.00
Order#: 312-RL96A-6760

ROCKLOCK 96MM TOP TOOLING -
V75100X 1EA: R96-V75100-1 [RISER]

 **5th AXIS**



Reduced
for CLEAROUT
CAN\$ 1,439.00

On Hand: 1

LIST: US\$ 1,439.00
Order#: 312-R96-V75100X

ROCKLOCK 96MM LOW PROFILE
BASE; 5" X 6"

 **5th AXIS**

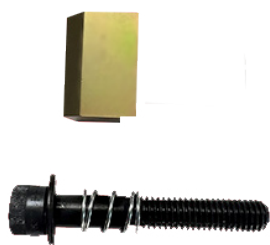


Reduced
for CLEAROUT
CAN\$ 879.00

On Hand: 1

LIST: US\$ 879.00
Order#: 312-RL96A-56

CLAMP ASSEMBLY FOR D1151S
DOVETAIL CLAMP



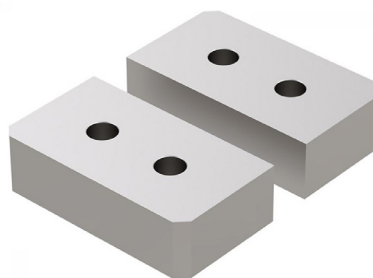
On Hand: 15

Reduced
for CLEAROUT
CAN\$ 78.75

LIST: US\$ 78.75
Order#: 312-CDS25

5th AXIS

ALUMINUM MACHINABLE SOFT JAW



On Hand: 4

Reduced
for CLEAROUT
CAN\$ 99.00

LIST: US\$ 99.00
Order#: 312-VAJ52

5th AXIS

THUMB SCREW FOR V562 VISES



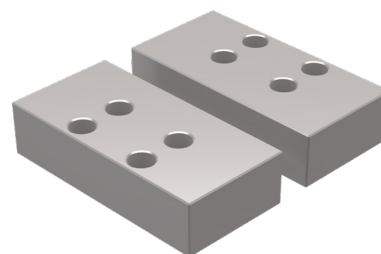
On Hand: 1

Reduced
for CLEAROUT
CAN\$ 38.85

LIST: US\$ 38.85
Order#: 312-TS13

5th AXIS

STEEL MACHINABLE SOFT JAW



On Hand: 2

Reduced
for CLEAROUT
CAN\$ 139.00

LIST: US\$ 139.00
Order#: 312-VSJ52X

5th AXIS

MV-A1 MINI VISE



Mini-Vise reduces the time of changing from other jigs.
Mini-Vise applies to different platform.
Auxiliary:
Accuracy of JIG comes from the accuracy of fixed block
workpiece structure and diameter dowel pin (work origin)

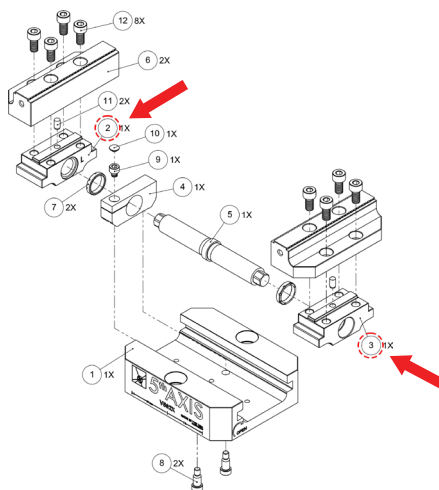
CLEAROUT
CAN\$ 87.00

LIST: \$ 150.00
Order#: 337-MVA1

On Hand: 1

Tecma®

V562X LEFT TRUCK
V562X RIGHT TRUCK



On Hand:
ONE EACH

Reduced
for CLEAROUT
CAN\$ 99.00 EA

LIST: US\$ 99.00 EA
Order#: 312-V562X-2L
Order#: 312-V562X-2R

5th AXIS

SELF CENTERING VICE - SCVR



QTY: 1

CLEAROUT
CAN\$ 499.00

LIST: \$ 1,280.00
Order#: 337-SCVR90

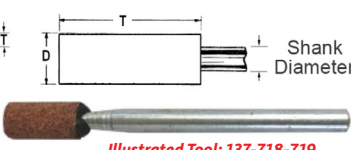
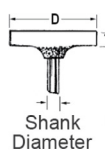
Tecma®

1. Self Centring Precision Vise is suitable for 4 and 5 Axis CNC Rotary Table usage, either in horizontal or vertical machining.
2. Vise precision of its center repetition position is $\pm 0.01\text{mm}$.
3. Using high quality alloy steel. Slideway has high frequency heat treatment at HRC45 or more to keep the accuracy and its long use life.

ITEM NO.	PART NUMBER	DESCRIPTION
1	V562X-1	BASE
2	V562X-2L	LEFT TRUCK
3	V562X-2R	RIGHT TRUCK
4	V562MX-3	CENTER BLOCK
5	V562M-4	LEAD SCREW
6	V562X-5	JAW
7	V56124-6	CENTER BLOCK RING
8	SB5VX	SHOULDER BOLT
9	-	SOCKET HEAD SCREW, M6x1x6mm
10	M6C	PLASTIC PLUG
11	M6X12.DP	DOWEL PIN, M6 X 12mm
12	-	SOCKET HEAD SCREW, M8x1.25x16mm
13	ANTI-SEIZE	ANTI-SEIZE (NOT SHOWN)
14	LP10	LOCATING PIN (NOT SHOWN)
15	TS13	THUMB SCREW (NOT SHOWN)



Order #	Description	QTY	CLEAROUT
104-56058 ①	EO2007 PLASTIC EDGE OFF PLUS (RED) PKG (1)	10	\$3.00
214-FN55EO2000 ②	EO2000 EDGE-OFF PL (BLUE) HANDLE	1	\$3.00
104-56222 ③	NG3000 NG-3 HANDLE	23	\$8.00



Illustrated Tool: 137-718-719

Illustrated Tool: 137-725-144

Order #	Description	QTY	List Price	CLEARANCE
137-718-703	W-153 MOUNTED WHEEL 1/4.INCH.SHANK	285	\$2.63	\$1.10
137-718-719	W-177 MOUNTED WHEEL 1/4.INCH.SHANK	232	\$2.75	\$1.15
137-725-263	W-163 MOUNTED WHEEL 1/8.INCH.SHANK	80	\$2.59	\$0.79
137-725-263G	W-163 MOUNTED WHEEL 1/8.INCH.SHANK-GREY	97	\$2.59	\$0.79
137-725-317	W-217 MOUNTED WHEEL 1/4.INCH. SHANK	4	\$2.81	\$1.20
137-725-144	B-44 MOUNTED WHEEL 1/8.INCH. SHANK	244	\$3.01	\$1.25

ABRASIVES CLEAROUT

SHOP ROLLS - ALUMINUM OXIDE

Made by
Union-Vis (Poland)



Order#	Description	QTY	List Price	BLOWOUT
158-100150	1.0" X 50YD-150 GRIT	15	\$34.00	\$14.99
158-100220	1.0" X 50YD-220 GRIT	22	\$34.00	\$14.99
158-100240	1.0" X 50YD-240 GRIT	9	\$34.00	\$14.99



Fowler



**ONLY TWO LEFT
for \$20.00**

Order# 153-52-470-004

Telescopic Gauge 4pc 5/16-2"



Dial Indicator Test Set

Order# 153-52-520-101

**LAST One
for ONLY \$50.00**



FOWLER 6" CALIPER/1" INDICATOR/RULE KIT

Easy-to-read 0-6" "one Rev" dial caliper
Flexible ruler: 6", Grads. 10ths, 32nds, 64ths, & 100ths
Carbide tipped micrometer: 0-1", Graduation: .0001"
Supplied in fitted case.

Order #: 153-52-095-007

CLEARANCE: \$149.00

**4 ONLY
Left**



0-150MM - .0001 X 0.02MM

Order# 149-735-1064

**** ONLY 1 Left ****

**REDUCED
FOR CLEARANCE
NOW: \$39.33**

ASIMETO



**ONLY
1
Left**

**Reduced for
CLEARANCE
NOW: \$228.70**

0-3" / 0-75MM SET (3pcs)
Order# 149-711-6631



0-6 - 1/128 X .001

Order# 149-734-1061

**** ONLY 1 Left ****

**REDUCED
FOR CLEARANCE
NOW: \$43.29**

**ONLY
1
Left**



SET OF 6 SCREW THREAD
MICROMETER ANVIL

NOW: \$119.28

Order# 149-713-0600



0-6" X .001" DIAL CALIPER
Order# 149-730-3061

NOW: \$46.69



**ONLY
1
Left**

1-2 X .001 GRAD.
Order# 149-710-1021
NOW: \$60.70

**ONLY
1
Left**

Order# 149-735-1084
0-200MM - .0001 X 0.02MM



NOW: \$16.07



**LAST
ONE!**

NOW: \$109.24

DIGITAL PROTRACTOR
W/MAGNETIC BASE
Order# 149-749-0162



2-3/8STEM.1/REV.0-100
Order# 149-740-2511

**ONLY
1
Left**

**NOW:
\$64.77**

\$14.99

TAPE MEASURE
CONTROLOK

Order# 107-AY1-33



SCHERR TUMICO

1" Solid Frame Micrometer

Order #: 113-02-0851-14



\$49.00

**Only
1
Left!**

SCHERR TUMICO

HURRY!



\$20.00

**** ONLY 8 in Stock ****

**1/8" Travel Dial Indicator
Order #: 113-57-1506-00**