

CARBIDE TURNING TOOLS

A

TURNING, FORMING & CUT-OFF

- Right & Left Hand
- All tools are ground with the required clearance angles.
- Carbide profusion=3 times thickness specified
- Tolerance on thickness ±.000-.010"



Full Line Available!
Please call for more information.



LATHE CHUCKS
LIVE CENTERS

WISE JAWS
WISE ACCESSORIES

STRAIGHT SHANK
COLLET HOLDERS

TAP HOLDERS
DRILL CHUCKS

CARBIDE INSERTS
THREADING/GROOVING

CUTTING TOOLS
MACHINERY

PRECISION TOOLS
DEBURRING

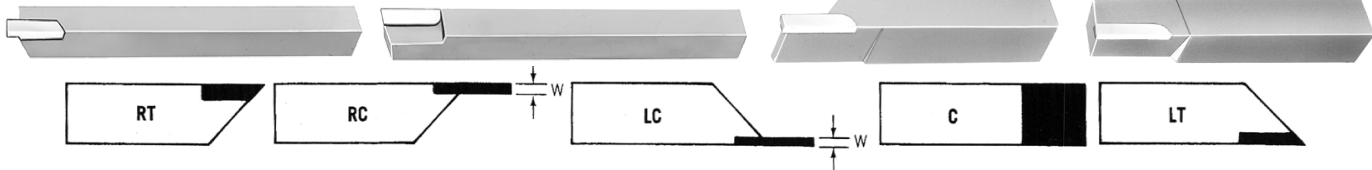
COOLANT/FLUIDS
TOOL STORAGE

Style LC

Style LT

Style RC

Style RT



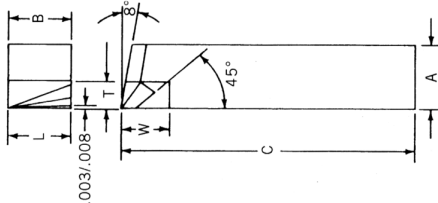
		1/4" Square Shank 6" OAL \$13.70 Ea.		9/32" Square Shank 6" OAL \$14.30 Ea.		5/16" Square Shank 6" OAL \$14.30 Ea.		3/8" Square Shank 6" OAL \$14.50 Ea.	
Type	Width	Right Hand Part Number	Left Hand Part Number	Right Hand Part Number	Left Hand Part Number	Right Hand Part Number	Left Hand Part Number	Right Hand Part Number	Left Hand Part Number
Turning	-	MI-RT250	MI-LT250	MI-RT281	MI-LT281	MI-RT312	MI-LT312	MI-RT375	MI-LT375
Forming	-	MI-C250	MI-C 250	MI-C 281	MI-C 281	MI-C312	MI-C312	MI-C375	MI-C375
Cut-off	.040"	MI-RC250040	MI-LC250040	MI-RC281040	MI-LC281040	MI-RC312040	MI-LC312040	MI-RC375040	MI-LC375040
Cut-off	.060"	MI-RC250060	MI-LC250060	MI-RC281060	MI-LC281060	MI-RC312060	MI-LC312060	MI-RC375060	MI-LC375060
Cut-off	.080"	-	-	MI-RC281080	MI-LC281080	MI-RC312080	MI-LC312080	MI-RC375080	MI-LC375080
Cut-off	.100"	-	-	MI-RC281100	MI-LC281100	MI-RC312100	MI-LC312100	MI-RC375100	MI-LC375100
Cut-off	.120"	-	-	-	-	-	-	MI-RC 375120	MI-LC375120

*Ground to 6mm square shank.

		7/16" Square Shank 6" OAL \$18.05 Ea.		1/2" Square Shank 6" OAL \$18.55 Ea.		5/8" Square Shank 4" OAL \$24.20 Ea.		3/4" Square Shank 4" OAL \$28.20 Ea.	
Type	Width	Right Hand Part Number	Left Hand Part Number	Right Hand Part Number	Left Hand Part Number	Right Hand Part Number	Left Hand Part Number	Right Hand Part Number	Left Hand Part Number
Turning	-	MI-RT437	MI-LT437	MI-RT500	MI-LT500	MI-RT 625	MI-LT 625	MI-RT750	MI-LT750
Forming	-	MI-C437	MI-C 437	MI-C500	MI-C500	MI-C625	MI-C625	MI-C750	MI-C750
Cut-off	.060"	MI-RC437060	MI-LC437060	MI-RC500060	MI-LC500060	MI-RC625060	MI-LC625060	MI-RC750060	MI-LC750060
Cut-off	.080"	MI-RC437080	MI-LC437080	MI-RC500080	MI-LC500080	MI-RC625080	MI-LC625080	MI-RC750080	MI-LC750080
Cut-off	.100"	MI-RC437100	MI-LC437100	MI-RC500100	MI-LC500100	MI-RC625100	MI-LC625100	MI-RC750100	MI-LC750100
Cut-off	.120"	MI-RC437120	MI-LC437120	MI-RC500120	MI-LC500120	-	-	-	-
Cut-off	.125"	-	-	-	-	MI-RC625125	MI-LC625125	MI-RC750125	MI-LC750125
Cut-off	.187"	-	-	-	-	MI-RC625187	MI-LC625187	MI-RC750187	MI-LC750187

BRAZED BOX TURNING TOOLS

For Box-Turning Up To 5/8" Depth Per Pass



Shank			Tip			Right Hand	Left Hand	Price Each
A	B	C	T	W	L			
1/4	1/4	1-1/2	1/8	3/16	1/4	MI-BT4	MI-BTL4	\$26.00
5/16	5/16	1-3/4	1/8	3/16	5/16	MI-BT5	MI-BTL5	\$27.95
3/8	3/8	2	3/16	5/16	3/8	MI-BT6	MI-BTL6	\$30.20
7/16	7/16	2-1/4	3/16	3/8	7/16	MI-BT7	MI-BTL7	\$31.55
1/2	1/2	2-1/2	3/16	3/8	1/2	MI-BT8	MI-BTL8	\$34.55
9/16	9/16	2-3/4	1/4	1/2	9/16	MI-BT9	MI-BTL9	\$38.10
5/8	5/8	3	1/4	1/2	5/8	MI-BT10	MI-BTL10	\$39.20

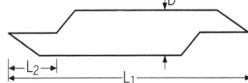
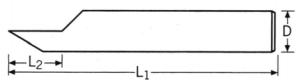
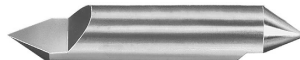
SPLIT-END ENGRAVING TOOLS

30°, 60° or 90° Included Angle • Relieved For Right Hand



One End Split

Two End Splits



Shank D	OAL L1	Split L2	30° Part Number	60° Part Number	90° Part Number	Price Each
1/8	1-1/2	3/8	MI-RTC1251	MI-RSC1251	MI-RNC1251	\$20.25
3/16	2	3/8	MI-RTC1871	MI-RSC1871	MI-RNC1871	\$24.00
1/4	2-1/2	3/8	MI-RTC2501	MI-RSC2501	MI-RNC2501	\$27.75
5/16	2-1/2	1/2	MI-RTC3121	MI-RSC3121	MI-RNC3121	\$40.95
3/8	2-1/2	1/2	MI-RTC3751	MI-RSC3751	MI-RNC3751	\$52.80
1/2	3	5/8	MI-RTC5001	MI-RSC5001	MI-RNC5001	\$77.75

Shank D	OAL L1	Split L2	30° Part Number	60° Part Number	90° Part Number	Price Each
1/8	1-1/2	3/8	MI-RTC1252	MI-RSC1252	MI-RNC1252	\$24.35
3/16	2	3/8	MI-RTC1872	MI-RSC1872	MI-RNC1872	\$29.35
1/4	2-1/2	3/8	MI-RTC2502	MI-RSC2502	MI-RNC2502	\$34.70
5/16	2-1/2	1/2	MI-RTC3122	MI-RSC3122	MI-RNC3122	\$51.45
3/8	2-1/2	1/2	MI-RTC3752	MI-RSC3752	MI-RNC3752	\$65.90
1/2	3	5/8	MI-RTC5002	MI-RSC5002	MI-RNC5002	\$93.95

Call Us Or Visit Our Website For Our Complete Selection!

CARBIDE TIPPED TOOL BITS

CARBIDE TIPPED BRAZED TOOL BITS

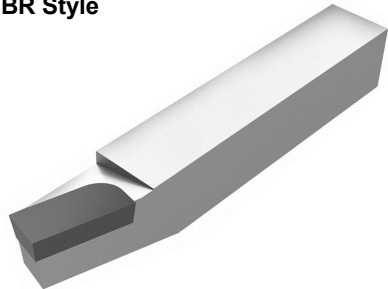
Single Point



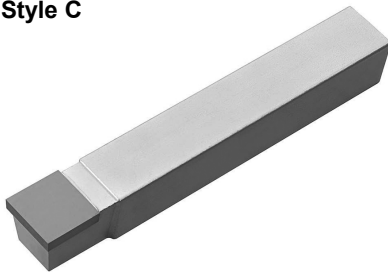
AR Style



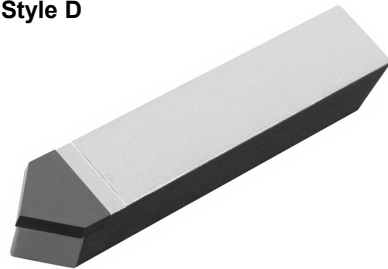
BR Style



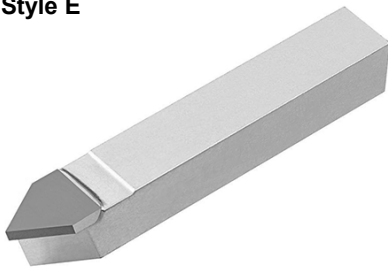
Style C



Style D



Style E



STYLE A-RIGHT HAND

Tool Style	Size	OAL	C2 Grade TMX Part # [B]	Price Each	C5 Grade TMX Part # [B]	Price Each	MICRO 100 Part Number	Price Each
AR4	1/4	2	BI-6082-004	\$2.67	BI-6085-004	\$2.67	MI-AR4	\$12.25
AR5	5/16	2-1/4	BI-6082-005	\$2.87	BI-6085-005	\$2.87	MI-AR5	\$12.45
AR6	3/8	2-1/2	BI-6082-006	\$3.02	BI-6085-006	\$3.02	MI-AR6	\$13.00
AR7	7/16	3	-	-	BI-6085-007	\$3.28	MI-AR7	\$13.45
AR8	1/2	3-1/2	BI-6082-008	\$4.43	BI-6085-008	\$4.43	MI-AR8	\$13.70
AR10	5/8	4	BI-6082-010	\$6.93	BI-6085-010	\$6.93	MI-AR10	\$22.40
AR12	3/4	4-1/2	BI-6082-012	\$14.74	BI-6085-012	\$18.56	MI-AR12	\$29.85

STYLE A-LEFT HAND

Tool Style	Size	OAL	C2 Grade TMX Part # [B]	Price Each	C5 Grade TMX Part # [B]	Price Each	MICRO 100 Part Number	Price Each
AL4	1/4	2	BI-6082-104	\$2.67	BI-6085-104	\$2.67	MI-AL4	\$12.25
AL5	5/16	2-1/4	BI-6082-105	\$2.87	BI-6085-105	\$2.87	MI-AL5	\$12.45
AL6	3/8	2-1/2	BI-6082-106	\$3.02	BI-6085-106	\$3.02	MI-AL6	\$13.00
AL7	7/16	3	BI-6082-107	\$3.05	BI-6085-107	\$3.28	MI-AL7	\$13.45
AL8	1/2	3-1/2	BI-6082-108	\$4.43	BI-6085-108	\$4.43	MI-AL8	\$13.70
AL10	5/8	4	BI-6082-110	\$6.93	BI-6085-110	\$6.93	MI-AL10	\$22.40
AL12	3/4	4-1/2	BI-6082-112	\$14.74	BI-6085-112	\$18.56	MI-AL12	\$29.85

STYLE B-RIGHT HAND

Tool Style	Size	OAL	C2 Grade TMX Part # [B]	Price Each	C5 Grade TMX Part # [B]	Price Each	MICRO 100 Part Number	Price Each
BR6	3/8	2-1/2	BI-6082-206	\$3.02	BI-6085-206	\$3.02	MI-BR6	\$13.15
BR7	7/16	3	BI-6082-207	\$3.13	BI-6085-207	\$3.13	MI-BR7	\$13.70
BR8	1/2	3-1/2	BI-6082-208	\$4.43	BI-6085-208	\$4.43	MI-BR8	\$14.30
BR10	5/8	4	BI-6082-210	\$6.93	BI-6085-210	\$6.93	MI-BR10	\$22.95
BR12	3/4	4-1/2	BI-6082-212	\$18.56	BI-6085-212	\$18.56	MI-BR12	\$30.10

STYLE B-LEFT HAND

Tool Style	Size	OAL	C2 Grade TMX Part # [B]	Price Each	C5 Grade TMX Part # [B]	Price Each	MICRO 100 Part Number	Price Each
BL6	3/8	2-1/2	BI-6082-306	\$3.02	BI-6085-306	\$3.02	MI-BL6	\$13.15
BL7	7/16	3	BI-6082-307	\$3.13	-	-	MI-BL7	\$13.70
BL8	1/2	3-1/2	BI-6082-308	\$4.43	BI-6085-308	\$4.43	MI-BL8	\$14.30
BL10	5/8	4	BI-6082-310	\$6.93	BI-6085-310	\$6.93	MI-BL10	\$22.95
BL12	3/4	4-1/2	BI-6082-312	\$18.56	BI-6085-312	\$18.56	MI-BL12	\$30.10

STYLE C-TURNING & FACING

Tool Style	Size	OAL	C2 Grade TMX Part # [B]	Price Each	C5 Grade TMX Part # [B]	Price Each	MICRO 100 Part Number	Price Each
C4	1/4	2	BI-6082-404	\$2.67	BI-6085-404	\$2.67	MI-C4	\$12.45
C5	5/16	2-1/4	BI-6082-405	\$2.87	BI-6085-405	\$2.87	MI-C5	\$13.15
C6	3/8	2-1/2	BI-6082-406	\$3.02	BI-6085-406	\$3.02	MI-C6	\$13.55
C7	7/16	3	BI-6082-407	\$3.28	BI-6085-407	\$3.28	MI-C7	\$13.70
C8	1/2	3-1/2	BI-6082-408	\$4.43	BI-6085-408	\$4.43	MI-C8	\$14.20
C10	5/8	4	BI-6082-410	\$6.93	BI-6085-410	\$6.93	MI-C10	\$25.00
C12	3/4	4-1/2	BI-6082-412	\$18.56	BI-6085-412	\$18.56	MI-C12	\$30.90

Style D-Chamfering

Tool Style	Size	OAL	C2 Grade TMX Part # [B]	Price Each	C5 Grade TMX Part # [B]	Price Each	MICRO 100 Part Number	Price Each
D4	1/4	2	BI-6082-504	\$2.67	BI-6085-504	\$2.67	MI-D4	\$12.25
D5	5/16	2-1/4	BI-6082-505	\$2.87	BI-6085-505	\$2.87	MI-D5	\$12.70
D6	3/8	2-1/2	BI-6082-506	\$3.02	BI-6085-506	\$3.02	MI-D6	\$13.25
D7	7/16	3	BI-6082-507	\$3.28	BI-6085-507	\$3.28	MI-D7	\$13.50
D8	1/2	3-1/2	BI-6082-508	\$4.43	BI-6085-508	\$4.43	MI-D8	\$13.70
D10	5/8	4	BI-6082-510	\$6.93	BI-6085-510	\$6.93	MI-D10	\$22.35
D12	3/4	4-1/2	BI-6082-512	\$18.56	BI-6085-512	\$18.56	MI-D12	\$28.90

Style E-Threading

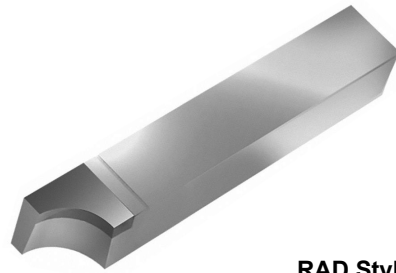
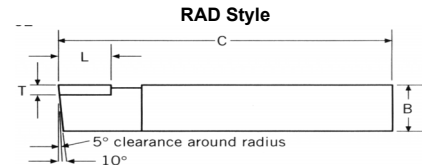
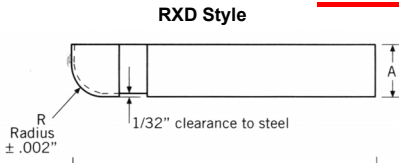
Tool Style	Size	OAL	C2 Grade TMX Part # [B]	Price Each	C5 Grade TMX Part # [B]	Price Each	MICRO 100 Part Number	Price Each
E5	5/16	2-1/4	BI-6082-605	\$2.87	BI-6085-605	\$2.87	MI-E5	\$12.70
E6	3/8	2-1/2	BI-6082-606	\$3.02	BI-6085-606	\$3.02	MI-E6	\$13.25
E8	1/2	3-1/2	BI-6082-608	\$4.43	BI-6085-608	\$4.43	MI-E8	\$13.75
E10	5/8	4	BI-6082-610	\$6.93	BI-6085-610	\$6.93	MI-E10	\$22.35
E12	3/4	4-1/2	BI-6082-612	\$18.56	BI-6085-612	\$18.56	MI-E12	\$27.65

Call Us Today For All Of Your Machine Tool Needs!

CONVEX & CONCAVE RADIUS TOOLS



RXD Style



RAD Style

SHANK			TIP		RXD STYLE		RAD STYLE		Price Each		
A	B	C	T	L	R	Right Hand	Left Hand	Right Hand		Left Hand	
3/8	3/8	2-1/2	3/32	3/8	1/32	MI-RXD1	MI-RXL1	MI-RAD1	MI-RAL1	\$37.45	
					1/16	MI-RXD2	MI-RXL2	MI-RAD2	MI-RAL2	\$37.45	
					3/32	MI-RXD3	MI-RXL3	MI-RAD3	MI-RAL3	\$37.45	
					1/8	MI-RXD4	MI-RXL4	MI-RAD4	MI-RAL4	\$37.45	
					5/32	MI-RXD5	MI-RXL5	MI-RAD5	MI-RAL5	\$37.45	
					3/16	MI-RXD6	MI-RXL6	MI-RAD6	MI-RAL6	\$37.45	
1/2	1/2	3-1/2	1/8	1/2	7/32	MI-RXD7	MI-RXL7	MI-RAD7	MI-RAL7	\$37.45	
					1/4	MI-RXD8	MI-RXL8	MI-RAD8	MI-RAL8	\$37.45	
					9/32	MI-RXD9	MI-RXL9	MI-RAD9	MI-RAL9	\$40.70	
					5/16	MI-RXD10	MI-RXL10	MI-RAD10	MI-RAL10	\$40.70	
					11/32	MI-RXD11	MI-RXL11	MI-RAD11	MI-RAL11	\$40.70	
					3/8	MI-RXD12	MI-RXL12	MI-RAD12	MI-RAL12	\$40.70	
3/4	3/4	4-1/2	3/16	3/4	13/32	MI-RXD13	MI-RXL13	MI-RAD13	MI-RAL13	\$45.85	
					7/16	MI-RXD14	MI-RXL14	MI-RAD14	MI-RAL14	\$45.85	
					15/32	MI-RXD15	MI-RXL15	MI-RAD15	MI-RAL15	\$45.85	
					1/2	MI-RXD16	MI-RXL16	MI-RAD16	MI-RAL16	\$45.85	
					Set of 4: 1/16, 1/8, 1/4, 3/8 radius		MI-RXD21	MI-RXL21	MI-RAD21	MI-RAL21	\$144.90
					*Set of 8: 1/32 to 1/4 radius in 1/32 increments		MI-RXD22	MI-RXL22	MI-RAD22	MI-RAL22	\$282.65
Set of 8: 1/16 to 1/2 radius in 1/16 increments		MI-RXD23	MI-RXL23	MI-RAD23	MI-RAL23	\$295.60					
Set of 16: 1/32 to 1/2 radius in 1/32 increments		MI-RXD24	MI-RXL24	MI-RAD24	MI-RAL24	\$578.25					

LATHE CHUCKS
LIVE CENTERS

WISE JAWS
WISE ACCESSORIES

STRAIGHT SHANK
COLLET HOLDERS

TAP HOLDERS
DRILL CHUCKS

CARBIDE INSERTS
THREADING/GROOVING

CUTTING TOOLS
MACHINERY

PRECISION TOOLS
DEBURRING

COOLANT/FLUIDS
TOOL STORAGE

SPLIT- END RADIUS TOOLS

- Micrograin carbide
- Full radius
- Relieved for right hand cut



One End Split



Two Ends Split



Shank	OAL	Split Length	ONE SPLIT END		TWO SPLIT ENDS	
			Part Number	Price Each	Part Number	Price Each
1/8	1-1/2	3/8	MI-RSF1251	\$20.25	MI-RSF1252	\$25.10
3/16	2	3/8	MI-RSF1871	\$24.35	MI-RSF1872	\$30.35
1/4	2-1/2	3/8	MI-RSF2501	\$28.05	MI-RSF2502	\$36.10
5/16	2-1/2	1/2	MI-RSF3121	\$41.50	MI-RSF3122	\$53.45
3/8	2-1/2	1/2	MI-RSF3751	\$53.45	MI-RSF3752	\$68.70
1/2	3	5/8	MI-RSF5001	\$78.95	MI-RSF5002	\$97.90

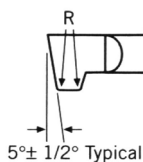
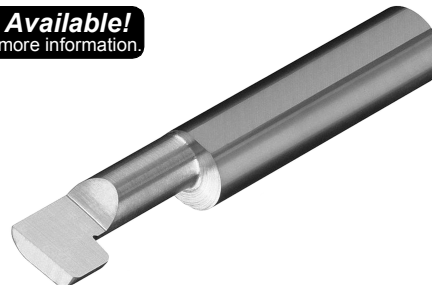
GROOVE TOOLS FOR "O" RING GROOVES



N/C GENERATION

- Shank Diameter: -.0001 to -.0003"
- Minimum Hole Dia.: +.000 - .005"
- Depth: +.050 - .000"
- Overall Length: ±1/64"

Full Line Available!
Please call for more information.



Bore D1	Shank D2	OAL L1	Depth L2	Proj. P	Radius R	Width W	Part Number	Price Each
.250	1/4	2-1/2	1/2	.100	.010/.020	.096/.098	MI-OR0968	\$33.60
			9/16		.035/.045	.141/.143	MI-OR1419	
			5/8		.035/.045	.144/.146	MI-OR14410	
.375	3/8	2-1/2	3/4		.010/.020	.174/.176	MI-OR17412	\$55.15
			13/16		.035/.045	.208/.210	MI-OR20813	
			15/16		.035/.045	.241/.243	MI-OR24115	

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