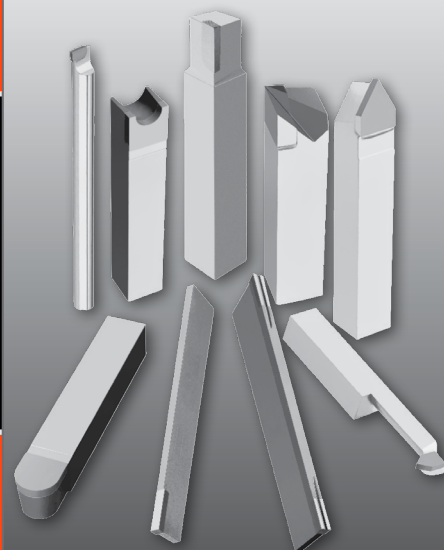


MICRO 100®
super carbide tools

*...are Highly Shock Resistant,
will NOT chip or break under
normal machining conditions.*

UNEXCELLED IN INTERRUPTED CUTTING!



E

Brazed Screw Machine Tools

Turning, Forming, Threading & Cut-Off Tools

Double Ended "T" Cut-Off Blades

Cut-Off Blades for Brown & Sharpe

Cut-Off Blades for P & W Holders

Cut-Off Blades for Dovetail Slot Holders

Full Radius Concave and Convex Tools

Concave and Convex Tools

Groove, Relief, and O.D. Cutting Tools

Box Turning Tools.

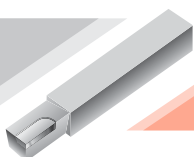


**WILL NOT CHIP OR BREAK
UNDER NORMAL MACHINING CONDITIONS**



Styles AR & AL

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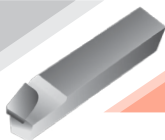
Styles IDRT & IDLT

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Styles BR & BL

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Style CT

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Style C

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Full Radius Concave

Style CRT

page 168



Style D

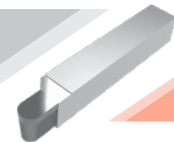
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Full Radius Convex

Style FRT

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Concave Radius

Styles RAD & RAL

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Style ER & EL

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Convex Radius

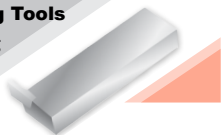
Styles RXD & RXL

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E

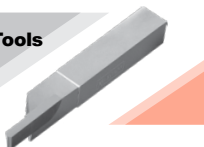
Style GR Brazed Grooving Tools
Groove Relief and O.D. Cutting
page 171



Brazed Cut-Off Blades
Double End "T" blades
page 173



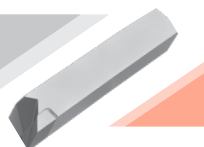
Style GS Brazed Grooving Tools
Groove Relief and O.D. Cutting
page 171



Brazed Cut-Off Blades
Double End "T" blades
with "V" Groove
page 174



Styles BT & BTL
Box-turning
page 172



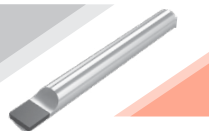
Brazed Screw Machine Tools
Turning, Forming & Cut-Off
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Brazed Cut-Off Blades CR/CL
Brown & Sharpe automatics, P&W
Holders, and Dovetail Slot Holders
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Brazed Boring Tools
Style TRG
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Brazed Boring Tools & Sets
Style TBB & TBBL
page 177

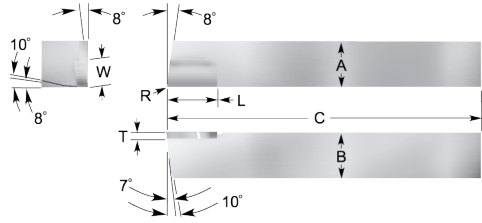


MICRO-GRAIN CARBIDE + PLUS
featuring Superior Rupture Strength and
Machining Versatility!

Styles AR/AL

Quantity Price Breaks Available

- 1 to 5 pices
- 6 to 11 pieces
- 12 to 23 pieces
- 24 to 47 pieces
- 48 or More

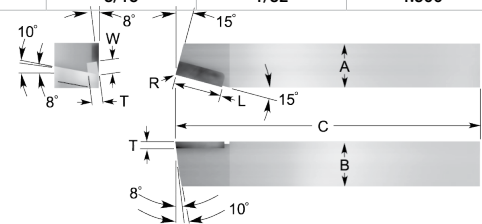


AR Catalog No.	AL Catalog No.	Tip				Overall Length (C) inch
		(W) fraction	(L) fraction	(T) fraction	(R) fraction	
1/4" Shanks - A/B						
AR-4	AL-4	3/16	1/4	1/16	1/64	2.000
5/16" Shanks - A/B						
AR-5	AL-5	1/4	5/16	1/16	1/64	2.250
3/8" Shanks - A/B						
AR-6	AL-6	1/4	3/8	1/8	1/64	2.500
7/16" Shanks - A/B						
AR-7	AL-7	1/4	7/16	1/8	1/32	3.000
1/2" Shanks - A/B						
AR-8	AL-8	1/4	1/2	1/8	1/32	3.500
5/8" Shanks - A/B						
AR-10	AL-10	3/8	5/8	5/32	1/32	4.000
3/4" Shanks - A/B						
AR-12	AL-12	7/16	3/4	3/16	1/32	4.500

Styles BR / BL

Quantity Price Breaks Available

- 1 to 5 pices
- 6 to 11 pieces
- 12 to 23 pieces
- 24 to 47 pieces
- 48 or More

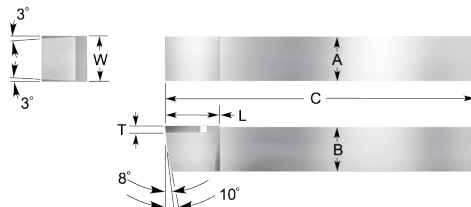


BR Catalog No.	BL Catalog No.	Tip				Overall Length (C) inch
		(W) fraction	(L) fraction	(T) fraction	(R) fraction	
3/8" Shanks - A/B						
BR-6	BL-6	1/4	1/2	1/8	1/64	2.500
7/16" Shanks - A/B						
BR-7	BL-7	1/4	1/2	1/8	1/32	3.000
1/2" Shanks - A/B						
BR-8	BL-8	1/4	5/8	1/8	1/32	3.500
5/8" Shanks - A/B						
BR-10	BL-10	3/8	3/4	5/32	1/32	4.000
3/4" Shanks - A/B						
BR-12	BL-12	7/16	13/16	3/16	1/32	4.500

Style C

Quantity Price Breaks Available

- 1 to 5 pieces
- 6 to 11 pieces
- 12 to 23 pieces
- 24 to 47 pieces
- 48 or More



C Catalog No.	Tip			Overall Length (C) inch
	(W)	(L)	(T)	
	fraction	fraction	fraction	
1/4" Shanks - A/B				
C-4	1/4	1/4	1/16	2.000
5/16" Shanks - A/B				
C-5	5/16	5/16	1/16	2.250
3/8" Shanks - A/B				
C-6	3/8	3/8	1/32	2.500
7/16" Shanks - A/B				
C-7	7/16	7/16	1/8	3.000
1/2" Shanks - A/B				
C-8	1/2	1/2	3/32	3.500
5/8" Shanks - A/B				
C-10	5/8	5/8	5/32	4.000
3/4" Shanks - A/B				
C-12	3/4	3/4	3/16	4.500

Style D

Quantity Price Breaks Available

- 1 to 5 pieces
- 6 to 11 pieces
- 12 to 23 pieces
- 24 to 47 pieces
- 48 or More

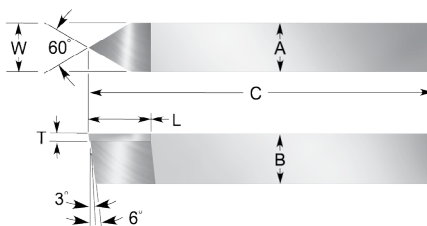
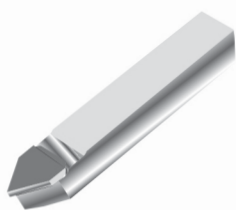


D Catalog No.	Tip			Overall Length (C) inch
	(W)	(L)	(T)	
	fraction	fraction	fraction	
1/4" Shanks - A/B				
D-4	1/4	5/16	1/16	2.000
5/16" Shanks - A/B				
D-5	5/16	3/8	3/32	2.250
3/8" Shanks - A/B				
D-6	3/8	1/2	3/32	2.500
7/16" Shanks - A/B				
D-7	7/16	1/2	3/32	3.000
1/2" Shanks - A/B				
D-8	1/2	1/2	1/8	3.500
5/8" Shanks - A/B				
D-10	5/8	5/8	5/32	4.000
3/4" Shanks - A/B				
D-12	3/4	3/4	3/16	4.500

Style E

Quantity Price Breaks Available

- 1 to 5 pieces
- 6 to 11 pieces
- 12 to 23 pieces
- 24 to 47 pieces
- 48 or More

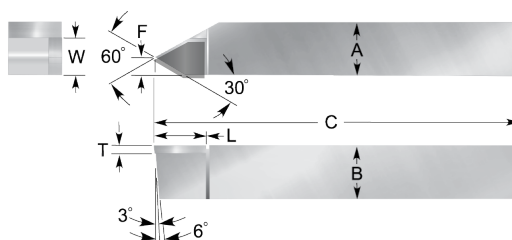


E Catalog No.	Tip			Overall Length (C) inch
	(W)	(L)	(T)	
	fraction	fraction	fraction	
5/16" Shanks - A/B				
E-5	5/16	3/8	3/32	2.250
3/8" Shanks - A/B				
E-6	3/8	1/2	3/32	2.500
1/2" Shanks - A/B				
E-8	1/2	1/2	1/8	3.500
5/8" Shanks - A/B				
E-10	5/8	5/8	5/32	4.000
3/4" Shanks - A/B				
E-12	3/4	3/4	3/16	4.500

Styles ER/EL

Quantity Price Breaks Available

- 1 to 5 pieces
- 6 to 11 pieces
- 12 to 23 pieces
- 24 to 47 pieces
- 48 or More



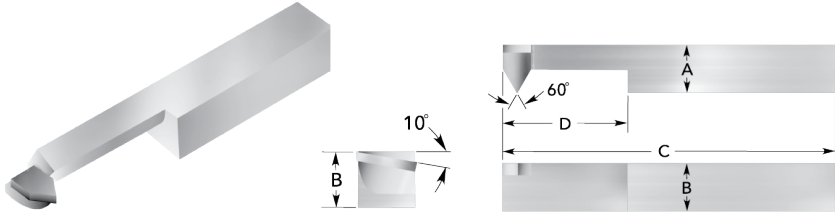
ER Catalog No.	EL Catalog No.	Tip				Overall Length (C) inch
		(W)	(L)	(F)	(T)	
		fraction	fraction	fraction	fraction	
5/16" Shanks - A/B						
ER-5	EL-5	1/4	3/8	1/16	3/32	2.250
3/8" Shanks - A/B						
ER-6	EL-6	1/4	3/8	1/16	3/32	2.500
1/2" Shanks - A/B						
ER-8	EL-8	5/16	5/8	3/32	1/8	3.500
5/8" Shanks - A/B						
ER-10	EL-10	5/16	5/8	3/32	1/8	4.000
3/4" Shanks - A/B						
ER-12	EL-12	3/8	3/4	1/8	5/32	4.500

For current pricing and availability please visit our website at www.micro100.com

Styles IDRT/IDLT

Quantity Price Breaks Available

- 1 to 5 pieces
- 6 to 11 pieces
- 12 to 23 pieces
- 24 to 47 pieces
- 48 or More

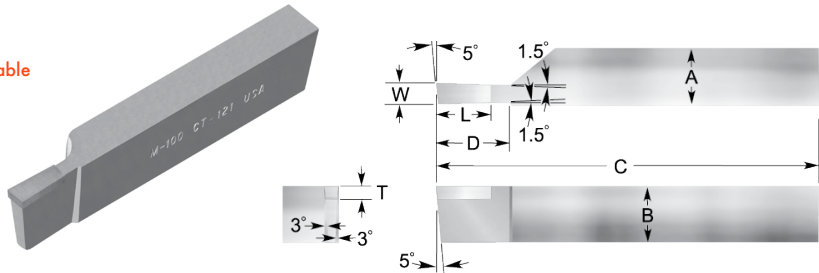


IDRT	IDLT	Minimum Thread Diameter	Neck Length (D)	Overall Length (C)
RIGHT Hand Catalog No.	LEFT Hand Catalog No.	fraction	fraction	inch
3/8" Shanks - A/B				
IDRT-60	IDLT-60	.450	1/2	2.500
IDRT-61	IDLT-61	.450	1	2.500
1/2" Shanks - A/B				
IDRT-80	IDLT-80	.575	3/4	3.500
IDRT-81	IDLT-81	.575	1-1/4	3.500

Style CT

Quantity Price Breaks Available

- 1 to 5 pieces
- 6 to 11 pieces
- 12 to 23 pieces
- 24 to 47 pieces
- 48 or More



CT Catalog No.	Shank				Tip		
	(A)	(B)	(C)	(D)	(T)	(W)	(L)
	fraction	fraction	inch	fraction	fraction	fraction	fraction
1/2" Shanks - A/B							
CT-120	1/2	1	5.000	1	3/16	5/16	7/16
CT-121	1/2	1	5.000	1	1/8	1/4	3/4
CT-122	1/2	1	5.000	13/16	1/8	3/16	3/4
5/8" Shanks - A/B							
CT-130	5/8	1-1/4	5.000	1-1/4	3/16	3/8	1/2
3/4" Shanks - A/B							
CT-140	3/4	1-1/2	6.000	1-1/4	3/16	3/8	5/8

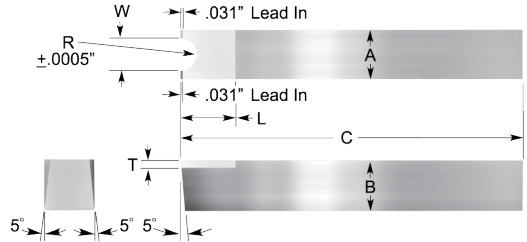
For current pricing and availability please visit our website at www.micro100.com

Brazed Radius Tools

Full Radius Concave Tools

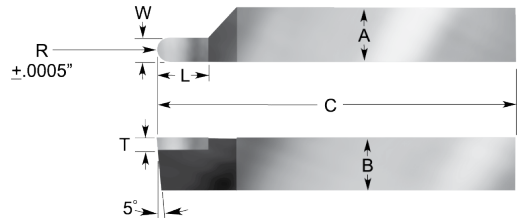
Full Radius Convex Tools

Full Radius Concave



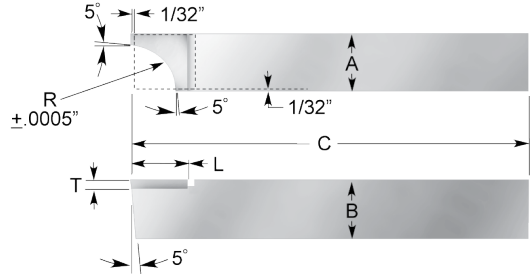
CRT Catalog No.	Tip				Overall Length (C) inch
	(W) fraction	(L) fraction	(T) fraction	(R) fraction	
3/8" Shanks - A/B					
CRT-1	1/16	3/8	3/32	1/32	2.500
CRT-2	1/8	3/8	3/32	1/16	2.500
CRT-3	3/16	3/8	3/32	3/32	2.500
1/2" Shanks - A/B					
CRT-4	1/4	1/2	1/8	1/8	3.500
CRT-6	3/8	1/2	1/8	3/16	3.500
3/4" Shanks - A/B					
CRT-8	1/2	3/4	3/16	1/4	4.500

Full Radius Convex



FRT Catalog No.	Tip				Overall Length (C) inch
	(W) fraction	(L) fraction	(T) fraction	(R) fraction	
3/8" Shanks - A/B					
FRT-1	1/16	3/8	3/32	1/32	2.500
FRT-2	1/8	3/8	3/32	1/16	2.500
FRT-3	3/16	3/8	3/32	3/32	2.500
FRT-4	1/4	3/8	3/32	1/8	2.500
FRT-5	5/16	3/8	3/32	5/32	2.500
1/2" Shanks - A/B					
FRT-6	3/8	3/8	1/8	3/16	3.500
FRT-8	1/2	3/8	1/8	1/4	3.500
5/8" Shanks - A/B					
FRT-10	5/8	5/8	5/32	5/16	4.000
3/4" Shanks - A/B					
FRT-12	3/4	3/4	3/16	3/8	4.500

Concave Radius



RAD Catalog No.	RAL Catalog No.	Tip			Overall Length (C) inch
		(R) fraction	(L) fraction	(T) fraction	
3/8" Shanks - A/B					
RAD-1	RAL-1	1/32	3/8	3/32	2.500
RAD-2	RAL-2	1/16	3/8	3/32	2.500
RAD-3	RAL-3	3/32	3/8	3/32	2.500
RAD-4	RAL-4	1/8	3/8	3/32	2.500
RAD-5	RAL-5	5/32	3/8	3/32	2.500
RAD-6	RAL-6	3/16	3/8	3/32	2.500
RAD-7	RAL-7	7/32	3/8	3/32	2.500
RAD-8	RAL-8	1/4	3/8	3/32	2.500
1/2" Shanks - A/B					
RAD-9	RAL-9	9/32	1/2	1/8	3.500
RAD-10	RAL-10	5/16	1/2	1/8	3.500
RAD-11	RAL-11	11/32	1/2	1/8	3.500
RAD-12	RAL-12	3/8	1/2	1/8	3.500
3/4" Shanks - A/B					
RAD-13	RAL-13	13/32	3/4	3/16	4.500
RAD-14	RAL-14	7/16	3/4	3/16	4.500
RAD-15	RAL-15	15/32	3/4	3/16	4.500
RAD-16	RAL-16	1/2	3/4	3/16	4.500

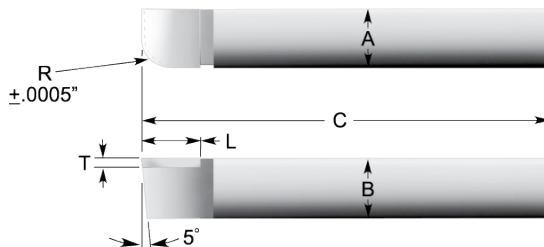
* All 3/8" Square Shanks, ideal for use on Chuckers.

SETS

RAD-21	RAL-21	*Set of 4: 1/16, 1/8, 1/4, and 3/8 Radius
RAD-22	RAL-22	Set of 8: 1/32, to 1/4 Radius in 1/32 Increments.
RAD-23	RAL-23	Set of 8: 1/16, to 1/2 Radius in 1/16 Increments.
RAD-24	RAL-24	Set of 16: 1/32, to 1/2 Radius in 1/32 Increments.

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Convex Radius



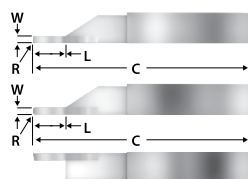
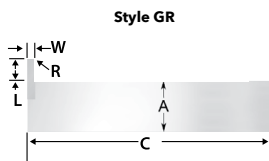
RXD Catalog No.	RXL Catalog No.	Tip			Overall Length (C) inch
		(R) fraction	(L) fraction	(T) fraction	
3/8" Shanks - A/B					
RXD-1	RXL-1	1/32	3/8	3/32	2.500
RXD-2	RXL-2	1/16	3/8	3/32	2.500
RXD-3	RXL-3	3/32	3/8	3/32	2.500
RXD-4	RXL-4	1/8	3/8	3/32	2.500
RXD-5	RXL-5	5/32	3/8	3/32	2.500
RXD-6	RXL-6	3/16	3/8	3/32	2.500
RXD-7	RXL-7	7/32	3/8	3/32	2.500
RXD-8	RXL-8	1/4	3/8	3/32	2.500
1/2" Shanks - A/B					
RXD-9	RXL-9	9/32	1/2	1/8	3.500
RXD-10	RXL-10	5/16	1/2	1/8	3.500
RXD-11	RXL-11	11/32	1/2	1/8	3.500
RXD-12	RXL-12	3/8	1/2	1/8	3.500
3/4" Shanks - A/B					
RXD-13	RXL-13	13/32	3/4	3/16	4.500
RXD-14	RXL-14	7/16	3/4	3/16	4.500
RXD-15	RXL-15	15/32	3/4	3/16	4.500
RXD-16	RXL-16	1/2	3/4	3/16	4.500

* All 3/8" Square Shanks, ideal for use on Chuckers.

Sets

RXD-21	RXL-21	* Set of 4: 1/16, 1/8, 1/4, and 3/8 Radius
RXD-22	RXL-22	Set of 8: 1/32, to 1/4 Radius in 1/32 Increments.
RXD-23	RXL-23	Set of 8: 1/16, to 1/2 Radius in 1/16 Increments.
RXD-24	RXL-24	Set of 16: 1/32, to 1/2 Radius in 1/32 Increments.

For current pricing and availability please visit our website at www.micro100.com



Style GS
Style GS-F

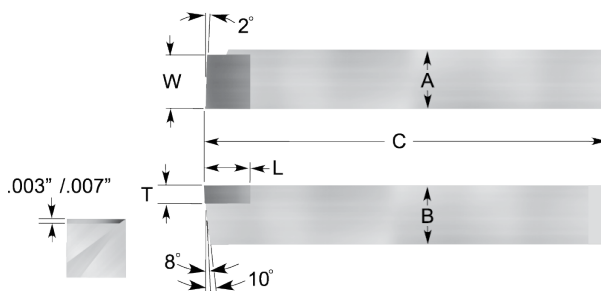
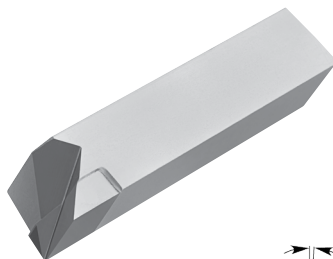
GR Catalog No.	Tip			Shank		Overall Length (C) inch
	(W)	(L)	(R)	(A)	(B)	
	inch	inch	inch	inch	inch	
3/4" Shanks						
GR-012002	.012/.014	.030	.003 max	3/4	3/8	4.000
GR-012F	.012/.014	.030	Full	3/4	3/8	4.000
GR-018002	.018/.020	.060	.003 max	3/4	3/8	4.000
GR-018F	.018/.020	.060	Full	3/4	3/8	4.000
GR-022002	.022/.024	.090	.003 max	3/4	3/8	4.000
GR-022F	.022/.024	.090	Full	3/4	3/8	4.000
GR-028002	.028/.030	.090	.003 max	3/4	3/8	4.000
GR-028F	.028/.030	.090	Full	3/4	3/8	4.000
GR-038002	.038/.040	.120	.003 max	3/4	3/8	4.000
GR-038F	.038/.040	.120	Full	3/4	3/8	4.000
GR-040002	.040/.042	.150	.003 max	3/4	3/8	4.000
GR-040F	.040/.042	.150	Full	3/4	3/8	4.000
GR-046002	.046/.048	.150	.003 max	3/4	3/8	4.000
GR-046F	.046/.048	.150	Full	3/4	3/8	4.000
GR-054002	.054/.056	.180	.003 max	3/4	3/8	4.000
GR-054F	.054/.056	.180	Full	3/4	3/8	4.000
GR-060002	.060/.062	.210	.003 max	3/4	3/8	4.000
GR-060F	.060/.062	.210	Full	3/4	3/8	4.000
GR-068002	.068/.070	.210	.003 max	3/4	3/8	4.000
GR-068F	.068/.070	.210	Full	3/4	3/8	4.000
GR-072002	.072/.074	.240	.003 max	3/4	3/8	4.000
GR-072F	.072/.074	.240	Full	3/4	3/8	4.000
GR-080002	.080/.082	.270	.003 max	3/4	3/8	4.000
GR-080F	.080/.082	.270	Full	3/4	3/8	4.000
GR-086002	.086/.088	.270	.003 max	3/4	3/8	4.000
GR-086F	.086/.088	.270	Full	3/4	3/8	4.000
GR-090002	.090/.092	.300	.003 max	3/4	3/8	4.000
GR-090F	.090/.092	.300	Full	3/4	3/8	4.000
GR-096002	.096/.098	.300	.003 max	3/4	3/8	4.000
GR-096F	.096/.098	.300	Full	3/4	3/8	4.000
GR-102002	.102/.104	.400	.003 max	3/4	3/8	4.000
GR-102F	.102/.104	.400	Full	3/4	3/8	4.000
GR-114002	.114/.116	.400	.003 max	3/4	3/8	4.000
GR-114F	.114/.116	.400	Full	3/4	3/8	4.000
GR-120002	.120/.122	.400	.003 max	3/4	3/8	4.000
GR-120F	.120/.122	.400	Full	3/4	3/8	4.000
GR-122002	.122/.124	.400	.003 max	3/4	3/8	4.000
GR-122F	.122/.124	.400	Full	3/4	3/8	4.000

GS Catalog No.	Tip			Overall Length (C) inch
	(W)	(L)	(R)	
	inch	inch	inch	
3/8" Shanks				
GS-012002	.012/.014	.030	.003 max	4.000
GS-012F	.012/.014	.030	Full	4.000
GS-018002	.018/.020	.060	.003 max	4.000
GS-018F	.018/.020	.060	Full	4.000
GS-022002	.022/.024	.090	.003 max	4.000
GS-022F	.022/.024	.090	Full	4.000
GS-028002	.028/.030	.090	.003 max	4.000
GS-028F	.028/.030	.090	Full	4.000
GS-038002	.038/.040	.120	.003 max	4.000
GS-038F	.038/.040	.120	Full	4.000
GS-040002	.040/.042	.150	.003 max	4.000
GS-040F	.040/.042	.150	Full	4.000
GS-046002	.046/.048	.150	.003 max	4.000
GS-046F	.046/.048	.150	Full	4.000
GS-054002	.054/.056	.180	.003 max	4.000
GS-054F	.054/.056	.180	Full	4.000
GS-060002	.060/.062	.210	.003 max	4.000
GS-060F	.060/.062	.210	Full	4.000
GS-068002	.068/.070	.210	.003 max	4.000
GS-068F	.068/.070	.210	Full	4.000
GS-072002	.072/.074	.240	.003 max	4.000
GS-072F	.072/.074	.240	Full	4.000
GS-080002	.080/.082	.270	.003 max	4.000
GS-080F	.080/.082	.270	Full	4.000
GS-086002	.086/.088	.270	.003 max	4.000
GS-086F	.086/.088	.270	Full	4.000
GS-090002	.090/.092	.300	.003 max	4.000
GS-090F	.090/.092	.300	Full	4.000
GS-096002	.096/.098	.300	.003 max	4.000
GS-096F	.096/.098	.300	Full	4.000
GS-102002	.102/.104	.400	.003 max	4.000
GS-102F	.102/.104	.400	Full	4.000
GS-114002	.114/.116	.400	.003 max	4.000
GS-114F	.114/.116	.400	Full	4.000
GS-120002	.120/.122	.400	.003 max	4.000
GS-120F	.120/.122	.400	Full	4.000
GS-122002	.122/.124	.400	.003 max	4.000
GS-122F	.122/.124	.400	Full	4.000

E

Styles BT/BTL

- Hardened Shanks
- Regrinding quoted upon request.



Quantity Price Breaks Available

- 1 to 5 pieces
- 6 to 11 pieces
- 12 to 23 pieces
- 24 to 47 pieces
- 48 or More

BT	BTL	Tip			Overall Length (C)
		(R)	(L)	(T)	
RIGHT Hand Catalog No.	LEFT Hand Catalog No.	fraction	fraction	fraction	inch
1/4" Shanks - A/B					
BT-4	BTL-4	3/16	1/4	1/8	1.500
5/16" Shanks - A/B					
BT-5	BTL-5	3/16	5/16	1/8	1.750
3/8" Shanks - A/B					
BT-6	BTL-6	5/16	3/8	3/16	2.000
7/16" Shanks - A/B					
BT-7	BTL-7	3/8	7/16	3/16	2.250
1/2" Shanks - A/B					
BT-8	BTL-8	3/8	1/2	3/16	2.500
9/16" Shanks - A/B					
BT-9	BTL-9	1/2	9/16	3/16	2.750
5/8" Shanks - A/B					
BT-10	BTL-10	1/2	5/8	1/4	3.000

For current pricing and availability please visit our website at www.micro100.com

Styles CR/CL

FEATURING:

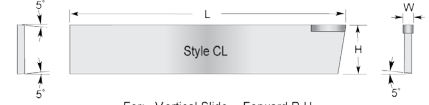
- Hardened and Precision Ground Steel Blades.
- Tips are hollow ground all over for improved chip control.

Style CR



For: Vertical Slide -- Backward L.H.
Back Slide -- High Back R.H.
Front Slide -- Low Front R.H.

Style CL



For: Vertical Slide -- Forward R.H.
Back Slide -- Low Back L.H.
Front Slide -- High Front L.H.

Quantity Price Breaks Available

- 1 to 5 pieces
- 6 to 11 pieces
- 12 to 23 pieces
- 24 to 47 pieces
- 48 or More

CR	CL	Dimensions		
		(W)	(H)	(L)
RIGHT Hand Catalog No.	LEFT Hand Catalog No.	fraction	fraction	inch
1/2" Shanks				
CR-101	CL-101	5/64	1/2	4.500
CR-102	CL-102	3/32	1/2	4.500
CR-103	CL-103	1/8	1/2	4.500
11/16" Shanks				
CR-104	CL-104	3/32	11/16	5.000
CR-105	CL-105	1/8	11/16	5.000
CR-106	CL-106	5/32	11/16	5.000
CR-107	CR-107	3/16	11/16	5.000
13/16" Shanks				
CR-108	CL-108	3/32	13/16	6.000
CR-109	CL-109	1/8	13/16	6.000
CR-110	CL-110	5/32	13/16	6.000
CR-111	-	3/16	13/16	6.000
1" Shanks				
CR-113	-	3/32	1	6.000
CR-114 ♦	-	1/8	1	6.000
CR-115 ♦	-	3/16	1	6.000

♦ WHILE SUPPLIES LAST - Discontinued

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Brazed Cut-Off Blades

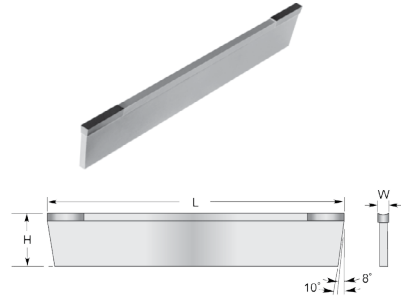
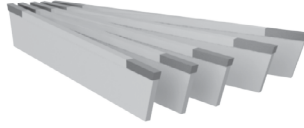
Double End "T" Blades & Double End "T" Blades with V-Groove



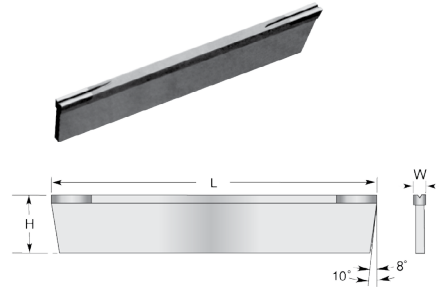
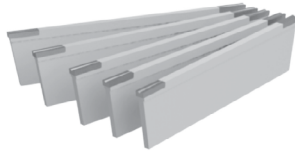
FEATURING:

- Hardened and Precision Ground Steel Blades.
- Tips are hollow ground all over for longer tool life.
- "T" Style over entire blade length to fit all "T" type holders

Double Ended "T" Blades for Double Performance



V series Double Ended T Blades with V-Groove



Quantity Price Breaks Available

- 1 to 5 pieces
- 6 to 11 pieces
- 12 to 23 pieces
- 24 to 47 pieces
- 48 or More

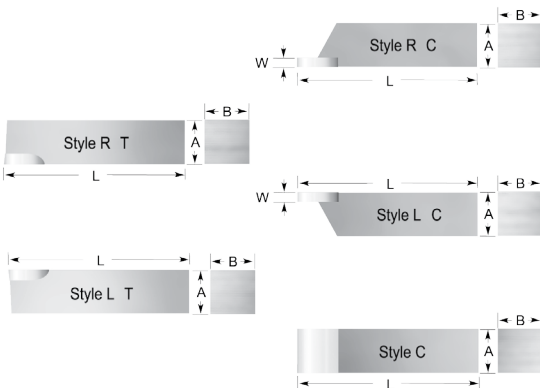
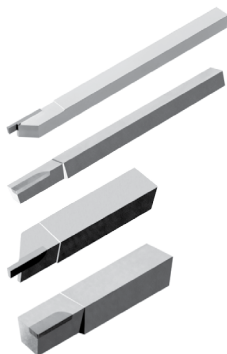
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T		Dimensions		
REGULAR Catalog No.	V-GROOVE Catalog No.	(W) fraction	(H) fraction	(L) inch
1/2" Shanks				
T-100	T-100-V	1/16	1/2	4.500
T-101	T-101-V	5/64	1/2	4.500
T-102	T-102-V	3/32	1/2	4.500
T-103	T-103-V	1/8	1/2	4.500
11/16" Shanks				
T-104	T-104-V	3/32	11/16	5.000
T-105	T-105-V	1/8	11/16	5.000
T-106	T-106-V	5/32	11/16	5.000
T-107	T-107-V	3/16	11/16	5.000
3/4" Shanks				
T-108	T-108-V	1/8	3/4	5.000
T-109	T-109-V	5/32	3/4	5.000
T-110	T-110-V	3/16	3/4	5.000
7/8" Shanks				
T-111	T-111-V	1/8	7/8	6.000
T-112	T-112-V	5/32	7/8	6.000
T-113	T-113-V	3/16	7/8	6.000
1-1/4" Shanks				
T-116	T-116-V	3/16	1-1/8	6.000

For current pricing and availability please visit our website at www.micro100.com

FEATURING:

- All tools are ground with the required clearance angles.
- Cut-Off Tools: Carbide protrusion = 3 times thickness specified, .375" (9.5mm) maximum. Tolerance on thickness + .000" (+.00mm) - .010" (-.00mm)



Quantity Price Breaks Available

- 1 to 11 pieces
- 12 pieces or More

TOOL		Width (W) fraction	Overall Length (L) fraction	Type
RIGHT Hand Catalog No.	LEFT Hand Catalog No.			
1/4" Shanks - A/B				
RT-250	LT-250	-	6.000	TURNING
C-250	C-250	-	6.000	FORMING
RC-250040	LC-250040	.040	6.000	CUT-OFF
RC-250060	LC-250060	.060	6.000	CUT-OFF
9/32" Shanks - A/B				
RT-281	LT-281	-	6.000	TURNING
C-281	C-281	-	6.000	FORMING
-	LC-281040	.040	6.000	CUT-OFF
RC-281060	LC-281060	.060	6.000	CUT-OFF
RC-281080	LC-281080	.080	6.000	CUT-OFF
RC-281100	LC-281100	.100	6.000	CUT-OFF
5/16" Shanks - A/B				
RT-312	LT-312	-	6.000	TURNING
C-312	C-312	-	6.000	FORMING
RC-312040	LC-312040	.040	6.000	CUT-OFF
RC-312060	LC-312060	.060	6.000	CUT-OFF
RC-312080	LC-312080	.080	6.000	CUT-OFF
RC-312100	LC-312100	.100	6.000	CUT-OFF
3/8" Shanks - A/B				
RT-375	LT-375	-	6.000	TURNING
C-375	C-375	-	6.000	FORMING
RC-375040	LC-375040	.040	6.000	CUT-OFF
RC-375060	LC-375060	.060	6.000	CUT-OFF
RC-375080	LC-375080	.080	6.000	CUT-OFF
RC-375100	LC-375100	.100	6.000	CUT-OFF
RC-375120	LC-375120	.120	6.000	CUT-OFF

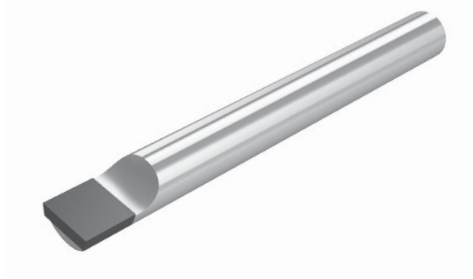
TOOL		Width (W) fraction	Overall Length (L) fraction	Type
RIGHT Hand Catalog No.	LEFT Hand Catalog No.			
7/16" Shanks - A/B				
RT-437	LT-437	-	6.000	TURNING
C-437	C-437	-	6.000	FORMING
RC-437060	LC-437060	.060	6.000	CUT-OFF
-	LC-437080	.080	6.000	CUT-OFF
RC-437100	LC-437100	.100	6.000	CUT-OFF
RC-437120	LC-437120	.120	6.000	CUT-OFF
1/2" Shanks - A/B				
RT-500	LT-500	-	6.000	TURNING
C-500	C-500	-	6.000	FORMING
RC-500060	LC-500060	.060	6.000	CUT-OFF
RC-500080	LC-500080	.080	6.000	CUT-OFF
RC-500100	LC-500100	.100	6.000	CUT-OFF
RC-500120	LC-500120	.120	6.000	CUT-OFF
5/8" Shanks - A/B				
RT-625	LT-625	-	4.000	TURNING
C-625	C-625	-	4.000	FORMING
RC-625060	LC-625060	.060	4.000	CUT-OFF
RC-625080	LC-625080	.080	4.000	CUT-OFF
RC-625100	LC-625100	.100	4.000	CUT-OFF
RC-625125	LC-625125	.125	4.000	CUT-OFF
RC-625187	LC-625187	.187	4.000	CUT-OFF
3/4" Shanks - A/B				
RT-750	LT-750	-	4.000	TURNING
C-750	C-750	-	4.000	FORMING
RC-750060	LC-750060	.060	4.000	CUT-OFF
RC-750080	LC-750080	.080	4.000	CUT-OFF
RC-750100	LC-750100	.100	4.000	CUT-OFF
RC-750125	LC-750125	.125	4.000	CUT-OFF
RC-750187	LC-750187	.187	4.000	CUT-OFF

E

Style TRG

Quantity Price Breaks Available

- 1 to 5 pieces
- 6 to 11 pieces
- 12 or More



TRG Catalog No.	Overall Length (B)	Tip			
		(C)	(T)	(W)	(L)
		inch	fraction	fraction	fraction
1/4" Shanks - A					
TRG-4	2.500	5/32	1/16	1/4	1/4
5/16" Shanks - A					
TRG-5	3.000	3/16	3/32	5/16	3/8
3/8" Shanks - A					
TRG-6	3.500	7/32	3/32	3/8	3/8
7/16" Shanks - A					
TRG-7	4.000	1/4	3/32	7/16	1/2
1/2" Shanks - A					
TRG-8	5.000	9/32	1/8	1/2	1/2
5/8" Shanks - A					
TRG-10	6.000	11/32	5/32	5/8	5/8

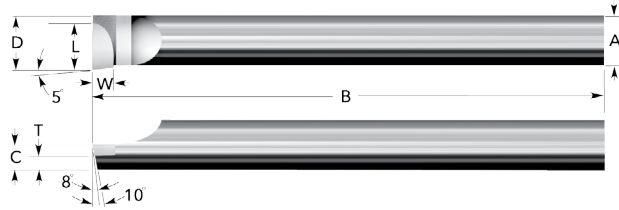
For current pricing and availability please visit our website at www.micro100.com



Styles TBB / TBBL

Quantity Price Breaks Available

- 1 to 5 pieces
- 6 to 11 pieces
- 12 or More



TBB	TBBL	Overall Length (B)	(C)	Minimum Bore Diameter (D)	Tip		
					(T)	(W)	(L)
RIGHT Hand Catalog No.	LEFT Hand Catalog No.	inch	fraction	fraction	fraction	fraction	fraction
1/4" Shanks - A							
TBB-250	TBBL-250	4.000	1/8	.320	1/16	3/16	1/4
5/16" Shanks - A							
TBB-312	TBBL-312	5.000	5/32	.413	1/16	1/4	5/16
3/8" Shanks - A							
TBB-375	TBBL-375	6.000	3/16	.463	1/16	1/4	5/16
1/2" Shanks - A							
TBB-500	TBBL-500	7.000	1/4	.625	1/8	1/4	1/2
5/8" Shanks - A							
TBB-625	TBBL-625	8.000	5/16	.795	1/8	1/4	5/8
3/4" Shanks - A							
TBB-750	TBBL-750	9.000	3/8	.935	1/8	1/4	5/8
1" Shanks - A							
TBB-001	TBBL-001	10.000	1/2	1.233	3/16	7/16	13/16

Bore diameters as small as .320"

TBB SET	TBBL SET	Brazed Carbide Boring Bar Sets	
RIGHT Hand Catalog No.	LEFT Hand Catalog No.	Right or Left Hand Boring Bars each set contains: five (5) Boring Bars 1/4", 3/8", 1/2", 5/8", & 3/4"	
TBB-5	TBBL-5		

For current pricing and availability please visit our website at www.micro100.com

BORING

Select a boring tool that has a bore diameter closest to, but not larger than, the desired minimum bore diameter that your application requires.

Tool overhang should not exceed 3 times (3X) the tool's shank diameter.

Rigidity of your set-up and starting the cut at centerline is of the utmost importance.

For heavy, interrupted cuts or forgings, the largest nose radius (possible) should be used.



TURNING

Rigidity of your set-up and starting the cut at centerline is of the utmost importance. A side rake angle of 15 degrees is recommended and 30-45 degrees for the tool's side cutting edge angle(s) will distribute the cutting forces and improve tool life.

For heavy, interrupted cuts or forgings, the largest nose radius (possible) should be used.

All chip breakers should have a radius that is equal to the depth at the rear.



CUT-OFF

Depending on the material, removing and breaking the chip often becomes necessary.

It is recommended to use as much feed rate as possible and utilize "interrupted" cuts or a "pecking cycle".



For more Technical Data information, please contact us at 1 (800) 421-8065

For current pricing and availability please visit our website at www.micro100.com