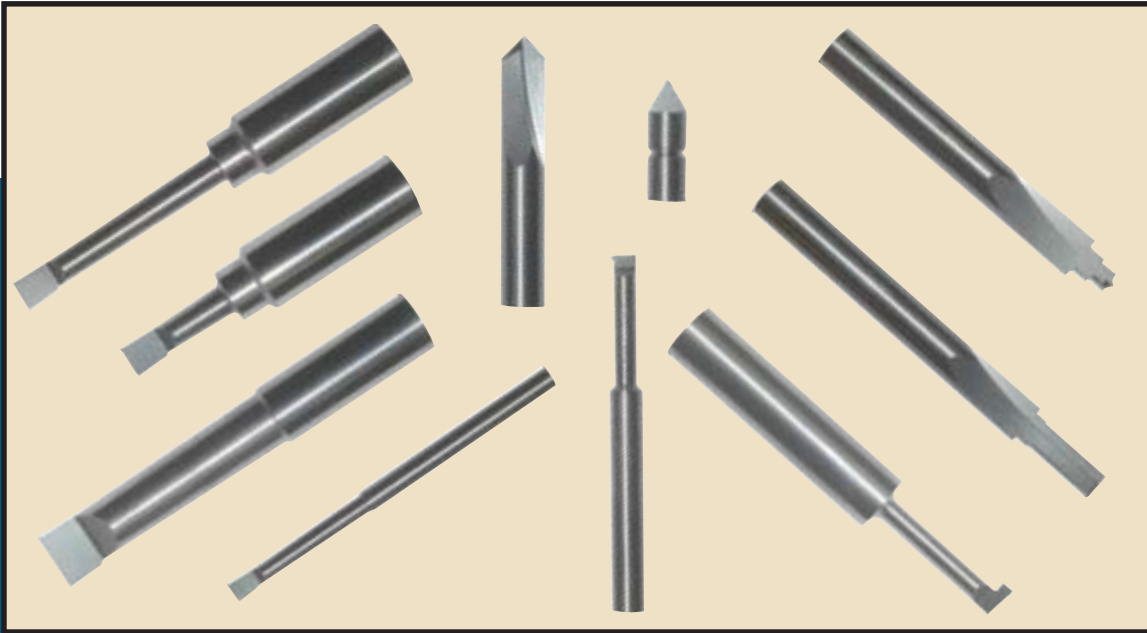


ACTION

PRECISION MACHINING



www.carbideboringbars.com Precision Quality Since 1974



Customized High Performance Tungsten Carbide Tooling

- *Solid and brazed carbide boring bars in-stock, sizes .025 to .360*
- *Specialist in solid carbide counterbores 1/2" shank diameter and smaller*
- *Custom carbide recess and trepan tooling*
- *Solid carbide single point thread milling cutters*

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SOLID CARBIDE BORING BARS

SERIES 100



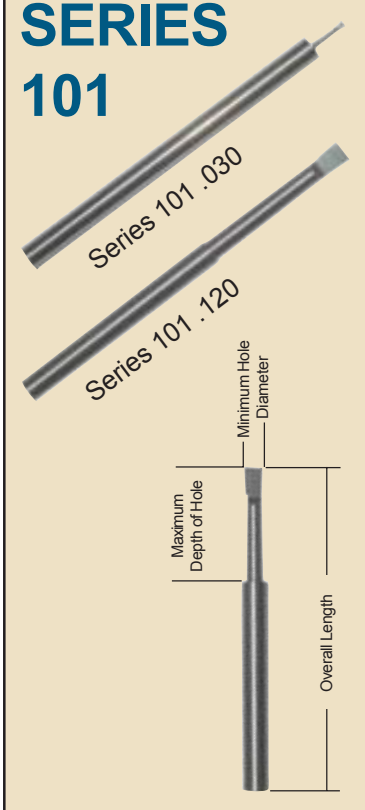
Solid Carbide, One Piece Construction, Various Shank Sizes

Minimum Hole Diameter	Maximum Depth of Hole	Overall Length	Shank Diameter	Price Effective 3/8/2023
.090	.500	1.500	.125	\$23.87
.120	.625	1.500	.125	\$23.87
.150	.750	2.000	.187	\$27.77
.180	1.000	2.000	.187	\$31.38
.210	1.250	2.000	.250	\$35.34
.240	1.250	2.000	.250	\$36.86
.270	1.250	2.500	.312	\$45.92
.300	1.250	2.500	.312	\$50.13
.330	1.500	2.500	.375	\$54.27
.360	1.500	2.500	.375	\$56.68

Precision ground solid and brazed carbide boring bars have tapered shafts for added strength. Precisely ground locating flats are available on all sizes for a nominal fee.

MINIATURE SOLID CARBIDE BORING BARS

SERIES 101

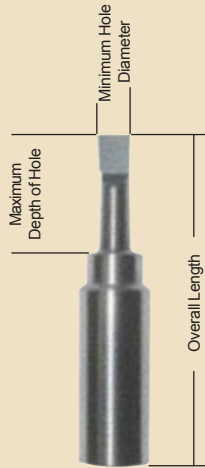


Solid Carbide, 1/8" Shank

Minimum Hole Diameter	Maximum Depth of Hole	Overall Length	Shank Diameter	Price Effective 3/8/2023
.025	.175	2.000	.125	\$29.03
.030	.200	2.000	.125	\$27.77
.035	.225	2.000	.125	\$27.77
.040	.250	2.000	.125	\$27.77
.045	.250	2.000	.125	\$27.77
.050	.322	2.000	.125	\$25.06
.055	.385	2.000	.125	\$25.06
.060	.385	2.000	.125	\$25.06
.065	.385	2.000	.125	\$25.06
.070	.450	2.000	.125	\$25.06
.075	.450	2.000	.125	\$25.06
.080	.515	2.000	.125	\$25.06
.085	.576	2.000	.125	\$25.06
.090	.750	2.000	.125	\$27.16
.095	.750	2.000	.125	\$27.16
.100	.750	2.000	.125	\$27.16
.105	.750	2.000	.125	\$27.16
.110	.750	2.000	.125	\$27.16
.115	.875	2.000	.125	\$27.16
.120	.875	2.000	.125	\$27.16

GENERAL LENGTH CARBIDE BORING BARS

SERIES 200

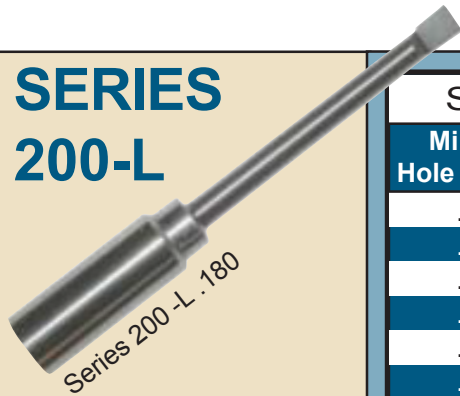


Solid Carbide Shaft. 3/8" Steel Shank, Brazed Construction

Minimum Hole Diameter	Maximum Depth of Hole	Overall Length	Shank Diameter	Price Effective 3/8/2023
.025	.175	1.775	.375	\$28.43
.030	.200	1.800	.375	\$28.43
.035	.225	1.825	.375	\$28.43
.040	.250	1.850	.375	\$28.43
.045	.250	1.850	.375	\$28.43
.050	.322	1.922	.375	\$25.66
.055	.385	1.985	.375	\$25.66
.060	.385	1.985	.375	\$25.66
.065	.385	1.985	.375	\$25.66
.070	.450	1.550	.375	\$25.66
.075	.450	1.550	.375	\$25.66
.080	.515	1.615	.375	\$25.66
.085	.576	1.676	.375	\$25.66
.090	.750	1.850	.375	\$31.38
.120	.875	1.975	.375	\$31.38
.150	1.250	2.350	.375	\$31.38
.180	1.250	2.350	.375	\$34.86
.210	1.375	2.475	.375	\$38.47
.240	1.375	2.475	.375	\$40.57
.270	1.500	2.600	.375	\$52.71
.300	1.500	2.600	.375	\$55.60

EXTRA LENGTH CARBIDE BORING BARS

SERIES 200-L



Solid Carbide Shaft. 3/8" Steel Shank, Brazed Construction

Minimum Hole Diameter	Maximum Depth of Hole	Overall Length	Shank Diameter	Price Effective 3/8/2023
.120	1.375	2.475	.375	\$44.48
.150	1.750	2.850	.375	\$44.48
.180	1.750	2.850	.375	\$46.28
.210	1.875	2.975	.375	\$51.33
.240	1.875	2.975	.375	\$54.10
.270	2.000	3.100	.375	\$69.72
.300	2.000	3.100	.375	\$74.53

STUB LENGTH CARBIDE BORING BARS

SERIES 200-S



Solid Carbide Shaft. 3/8" Steel Shank, Brazed Construction

Minimum Hole Diameter	Maximum Depth of Hole	Overall Length	Shank Diameter	Price Effective 3/8/2023
.090	.400	1.500	.375	\$31.38
.120	.425	1.525	.375	\$31.38
.150	.625	1.725	.375	\$31.38
.180	.625	1.725	.375	\$34.86
.210	.700	1.800	.375	\$38.47
.240	.700	1.800	.375	\$40.57
.270	.750	1.850	.375	\$52.71
.300	.750	1.850	.375	\$55.60

CUSTOM INTERNAL TUNGSTEN CARBIDE TOOLING

Action Precision Machining is dedicated to customer service and satisfaction in the manufacture of precision ground carbide tooling. Our tools are custom designed according to your part or tooling print. No order is too small and quantity discounts are available.



Counterbore / Step Reamer
(2 or 4 flute available)



Counterbore / Ground down shank

Specializing in solid carbide
1/2" and smaller shank sizes



Recess / Grooving Tool



Trepan Tool

Action Precision Machining
Your superior part finish is our edge!

MINIATURE SINGLE POINT THREAD MILLING CUTTERS

SERIES 300



* Any pitch available within this size range. Example, 10-56 may be ordered in the 10-32 price range. Flat at apex of angle is adjusted according to pitch.

Solid Carbide, One Piece Construction, Various Shank Sizes

Thread Size	Shank Diameter	Length of Cut	Overall Length	Price
2-56*	.125	.250*	2.000	Please Inquire current pricing
3-48*	.125	.350*	2.000	
4-40*	.125	.350*	2.000	
5-40*	.125	.350*	2.000	
6-32*	.125	.400*	2.000	
8-32*	.187	.450*	2.000	
10-32*	.187	.625*	2.000	
12-32*	.187	.700*	2.000	
1/4-20*	.250	.850*	2.500	
5/16-18*	.250	.850*	2.500	
3/8-16*	.312	1.000*	2.500	
7/16-14*	.375	1.000*	2.500	
1/2-13*	.500	1.250*	3.500	

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