

**Solid Carbide Helical Boring Bars**  
**AlTiN / Uncoated**

**Design Specs**

- Bar features an adjustable max bore depth
- Made with premium submicron grade carbide
- AlTiN Coated - Other upon request
- Positive high shear tool design reduces cutting force
- No tip radius
- Special Modifications/Lengths upon request



**Application:**

- Great for boring all types of material

**Helical Boring Bars**

Min Hole	Max Hole	Shank	OAL	Part Number	EDP#	Uncoated		Coated	
						Price	Part Number	EDP#	Price
0.020	0.062	0.125	1.50	<b>HBB-020062</b>	<b>52000</b>	\$23.85	<b>HBB-020062C</b>	<b>52000C</b>	\$27.59
0.025	0.062	0.125	1.50	<b>HBB-025062</b>	<b>52002</b>	\$23.85	<b>HBB-025062C</b>	<b>52002C</b>	\$27.59
0.025	0.125	0.125	1.50	<b>HBB-025125</b>	<b>52004</b>	\$23.85	<b>HBB-025125C</b>	<b>52004C</b>	\$27.59
0.030	0.125	0.125	1.50	<b>HBB-030125</b>	<b>52006</b>	\$23.85	<b>HBB-030125C</b>	<b>52006C</b>	\$27.59
0.030	0.187	0.125	1.50	<b>HBB-030187</b>	<b>52008</b>	\$23.85	<b>HBB-030187C</b>	<b>52008C</b>	\$27.59
0.035	0.125	0.125	1.50	<b>HBB-035125</b>	<b>52010</b>	\$18.42	<b>HBB-035125C</b>	<b>52010C</b>	\$22.21
0.035	0.187	0.125	1.50	<b>HBB-035187</b>	<b>52012</b>	\$18.42	<b>HBB-035187C</b>	<b>52012C</b>	\$22.21
0.040	0.187	0.125	1.50	<b>HBB-040187</b>	<b>52014</b>	\$18.42	<b>HBB-040187C</b>	<b>52014C</b>	\$22.21
0.040	0.250	0.125	1.50	<b>HBB-040250</b>	<b>52016</b>	\$18.42	<b>HBB-040250C</b>	<b>52016C</b>	\$22.21
0.050	0.312	0.125	1.50	<b>HBB-050312</b>	<b>52018</b>	\$18.42	<b>HBB-050312C</b>	<b>52018C</b>	\$22.21
0.060	0.375	0.125	1.50	<b>HBB-060375</b>	<b>52020</b>	\$18.42	<b>HBB-060375C</b>	<b>52020C</b>	\$22.21
0.070	0.437	0.125	1.50	<b>HBB-070437</b>	<b>52022</b>	\$18.42	<b>HBB-070437C</b>	<b>52022C</b>	\$22.21
0.080	0.500	0.125	1.50	<b>HBB-080500</b>	<b>52024</b>	\$18.42	<b>HBB-080500C</b>	<b>52024C</b>	\$22.21
0.090	0.500	0.125	1.50	<b>HBB-090500</b>	<b>52026</b>	\$18.42	<b>HBB-090500C</b>	<b>52026C</b>	\$22.21
0.100	0.562	0.125	1.50	<b>HBB-100562</b>	<b>52028</b>	\$18.42	<b>HBB-100562C</b>	<b>52028C</b>	\$22.21
0.120	0.625	0.125	1.50	<b>HBB-120625</b>	<b>52030</b>	\$18.42	<b>HBB-120625C</b>	<b>52030C</b>	\$22.21
0.120	1.000	0.125	2.00	<b>HBB-1201000</b>	<b>52032</b>	\$18.42	<b>HBB-1201000C</b>	<b>52032C</b>	\$22.21
0.135	0.750	0.188	2.00	<b>HBB-135750</b>	<b>52034</b>	\$19.66	<b>HBB-135750C</b>	<b>52034C</b>	\$23.45
0.135	1.000	0.188	2.00	<b>HBB-1351000</b>	<b>52036</b>	\$19.66	<b>HBB-1351000C</b>	<b>52036C</b>	\$23.45
0.150	1.000	0.188	2.00	<b>HBB-1501000</b>	<b>52038</b>	\$19.66	<b>HBB-1501000C</b>	<b>52038C</b>	\$23.45
0.150	1.250	0.188	2.00	<b>HBB-1501250</b>	<b>52040</b>	\$19.66	<b>HBB-1501250C</b>	<b>52040C</b>	\$23.45
0.180	1.000	0.188	2.00	<b>HBB-1801000</b>	<b>52042</b>	\$19.66	<b>HBB-1801000C</b>	<b>52042C</b>	\$23.45
0.180	1.250	0.188	2.50	<b>HBB-1801250</b>	<b>52044</b>	\$19.66	<b>HBB-1801250C</b>	<b>52044C</b>	\$23.45
0.180	1.500	0.188	2.50	<b>HBB-1801500</b>	<b>52046</b>	\$19.66	<b>HBB-1801500C</b>	<b>52046C</b>	\$23.45
0.210	1.000	0.250	2.50	<b>HBB-2101000</b>	<b>52048</b>	\$21.30	<b>HBB-2101000C</b>	<b>52048C</b>	\$26.06
0.210	1.250	0.250	2.50	<b>HBB-2101250</b>	<b>52050</b>	\$21.30	<b>HBB-2101250C</b>	<b>52050C</b>	\$26.06
0.210	1.500	0.250	2.50	<b>HBB-2101500</b>	<b>52052</b>	\$21.30	<b>HBB-2101500C</b>	<b>52052C</b>	\$26.06
0.240	1.000	0.250	2.50	<b>HBB-2401000</b>	<b>52054</b>	\$21.30	<b>HBB-2401000C</b>	<b>52054C</b>	\$26.06
0.240	1.500	0.250	2.50	<b>HBB-2401500</b>	<b>52056</b>	\$21.30	<b>HBB-2401500C</b>	<b>52056C</b>	\$26.06
0.240	1.750	0.250	3.00	<b>HBB-2401750</b>	<b>52058</b>	\$21.30	<b>HBB-2401750C</b>	<b>52058C</b>	\$26.06
0.300	1.000	0.312	2.50	<b>HBB-3001000</b>	<b>52060</b>	\$29.23	<b>HBB-3001000C</b>	<b>52060C</b>	\$34.90
0.300	1.500	0.312	2.50	<b>HBB-3001500</b>	<b>52062</b>	\$29.23	<b>HBB-3001500C</b>	<b>52062C</b>	\$34.90
0.300	1.750	0.312	3.00	<b>HBB-3001750</b>	<b>52064</b>	\$29.23	<b>HBB-3001750C</b>	<b>52064C</b>	\$34.90
0.360	1.000	0.375	2.50	<b>HBB-3601000</b>	<b>52066</b>	\$40.56	<b>HBB-3601000C</b>	<b>52066C</b>	\$47.19
0.360	1.500	0.375	2.50	<b>HBB-3601500</b>	<b>52068</b>	\$40.56	<b>HBB-3601500C</b>	<b>52068C</b>	\$47.19

\*Non-standard requirements are available upon request including length, chamfer and radius with different tolerances

Shank Diameter $\pm .0001/\pm .0003$	Tool Radius _____
Min Bore Diameter $+ .000/\pm .005$	1/8" Shank $.003/\pm .005$
Max Bore Diameter $+ .050/\pm .000$	3/16" to 1/2" Shanks $.005/\pm .008$
Overall Length $\pm .0156$	

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