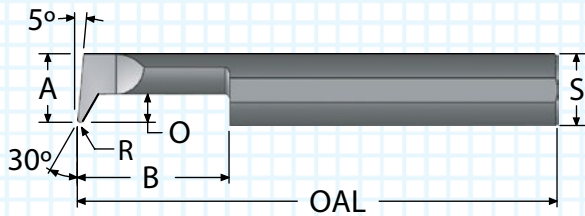


PROFILE BORING BARS - SOLID CARBIDE



- Machines complex internal shapes with ease
- ALTiN+ coating allows higher Surface Feet per Minute
- Elliptically ground neck provides maximum strength
- Made with premium submicron grade carbide

"A" MIN BORE	"B" MAX DEPTH	"O" OFF SET	"R" TOOL RADIUS	"S" SHANK DIA.	OAL	ORDER #	
						UNCOATED	ALTiN+
0.090	0.200	0.040	0.005	0.125	1.50	PB090200	PB090200A
0.090	0.300	0.040	0.005	0.125	1.50	PB090300	PB090300A
0.090	0.400	0.040	0.005	0.125	1.50	PB090400	PB090400A
0.120	0.250	0.050	0.007	0.125	1.50	PB120250	PB120250A
0.120	0.500	0.050	0.007	0.125	1.50	PB120500	PB120500A
0.120	0.750	0.050	0.007	0.125	1.50	PB120750	PB120750A
0.180	0.500	0.080	0.010	0.1875	2.00	PB180500	PB180500A
0.180	0.750	0.080	0.010	0.1875	2.00	PB180750	PB180750A
0.180	1.000	0.080	0.010	0.1875	2.00	PB1801000	PB1801000A
0.230	0.500	0.090	0.010	0.250	2.50	PB230500	PB230500A
0.230	0.750	0.090	0.010	0.250	2.50	PB230750	PB230750A
0.230	1.000	0.090	0.010	0.250	2.50	PB2301000	PB2301000A
0.290	0.500	0.110	0.015	0.3125	2.50	PB290500	PB290500A
0.290	0.750	0.110	0.015	0.3125	2.50	PB290750	PB290750A
0.290	1.000	0.110	0.015	0.3125	2.50	PB2901000	PB2901000A
0.360	0.500	0.140	0.015	0.375	2.50	PB360500	PB360500A
0.360	0.750	0.140	0.015	0.375	2.50	PB360750	PB360750A
0.360	1.000	0.140	0.015	0.375	2.50	PB3601000	PB3601000A
0.360	1.250	0.140	0.015	0.375	2.50	PB3601250	PB3601250A
0.490	0.500	0.180	0.015	0.500	3.00	PB490500	PB490500A
0.490	0.750	0.180	0.015	0.500	3.00	PB490750	PB490750A
0.490	1.000	0.180	0.015	0.500	3.00	PB4901000	PB4901000A
0.490	1.250	0.180	0.015	0.500	3.00	PB4901250	PB4901250A

THREAD MILLS

SINGLE POINT TOOLS
BORING

INDEXABLE TOOLS

PORT - CAVITY

SPECIALTY