

Spindle Speed Recommendations C3A & C5A

The below surface feet per minute (SFM) recommendations are from the Machinery's Handbook.
 Speeds listed are based on uncoated carbide tooling.
 These speeds are listed as recommendations only.
 Actual RPM can be adjusted to optimize tool life or parts per minute through put.

Size of Bar	Material			
	B7 Grade (275 SFM)	Mild Steel (300 SFM)	Stainless Steel (175 SFM)	Exotic Stainless (100 SFM)
0.375	2000	2000	1780	1020
0.500	2000	2000	1340	760
0.625	1680	1830	1070	610
0.750	1400	1530	890	510
0.875	1200	1310	760	500
1.000	1050	1150	670	500
1.125	930	1020	590	500
1.250	840	920	530	500
1.375	760	830	500	500
1.500	700	760	500	500
1.625	650	710	500	500
1.750	600	650	500	500
1.875	560	610	500	500
2.000	530	570	500	500
2.250	500	510	500	500
2.500	500	500	500	500
2.750	500	500	500	500
3.000	500	500	500	500
3.250	500	500	500	500
3.500	500	500	500	500
3.750	500	500	500	500
4.000	500	500	500	500
4.250	500	500	500	500
4.500	500	500	500	500
4.750	500	500	500	500
5.000	500	500	500	500