

Tungsten Carbide-Tipped Cutters Annular Cutter Recommended Speed

Cutter Size	Stainless & Alloy Steel	Mild Steel	Iron Plate
Diameter	RPM	RPM	RPM
$1/2'' - 5/8''$	500 - 800	600 - 1000	800 - 1200
$11/16'' - 13/16''$	400 - 640	480 - 800	640 - 960
$7/8'' - 15/16''$	330 - 530	400 - 660	530 - 800
$1'' - 1\frac{3}{16}''$	270 - 420	320 - 530	420 - 640
$1\frac{1}{4}'' - 1\frac{3}{8}''$	230 - 370	270 - 460	360 - 550
$1\frac{7}{16}'' - 1\frac{9}{16}''$	200 - 320	240 - 400	320 - 480
$1\frac{5}{8}'' - 1\frac{3}{4}''$	180 - 280	210 - 350	280 - 420
$1\frac{13}{16}'' - 2''$	160 - 260	190 - 320	260 - 380
$2\frac{1}{16}'' - 2\frac{3}{16}''$	145 - 230	170 - 290	230 - 350
$2\frac{1}{4}'' - 2\frac{3}{8}''$	135 - 210	160 - 270	210 - 320
$2\frac{7}{16}'' - 2\frac{9}{16}''$	120 - 200	150 - 250	200 - 300
$2\frac{5}{8}'' - 2\frac{3}{4}''$	115 - 180	140 - 230	180 - 270
$2\frac{13}{16}'' - 2\frac{15}{16}''$	110 - 170	130 - 210	170 - 260
$3'' - 3\frac{1}{8}''$	100 - 160	120 - 200	160 - 240
$3\frac{3}{16}'' - 3\frac{3}{8}''$	95 - 150	115 - 190	150 - 230
$3\frac{7}{16}'' - 3\frac{9}{16}''$	90 - 140	110 - 180	140 - 210
$3\frac{5}{8}'' - 3\frac{3}{4}''$	85 - 135	105 - 170	135 - 200
$3\frac{13}{16}'' - 3\frac{15}{16}''$	80 - 130	95 - 160	130 - 195
$4'' - 4\frac{5}{16}''$	70 - 120	90 - 145	120 - 170
$4\frac{3}{8}'' - 4\frac{3}{4}''$	70 - 110	80 - 135	110 - 160
$4\frac{13}{16}'' - 5\frac{1}{8}''$	65 - 100	75 - 125	100 - 150