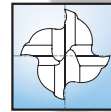


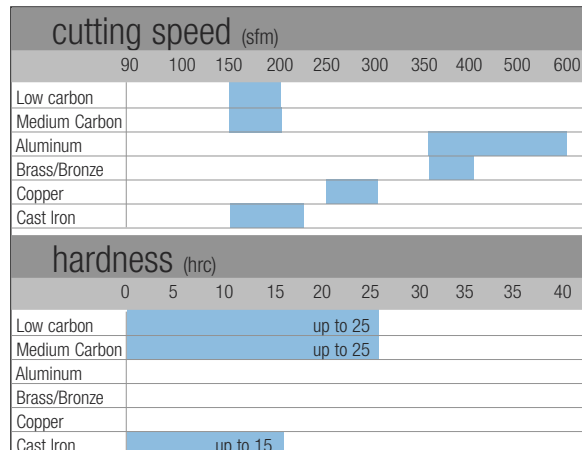
# 4 FLUTE CORNER RADIUS REGULAR LENGTH CARBIDE ENDMILLS INCH



Four flute carbide end mills with corner radius allows more strength and minimizes chipping on corners. Four flute construction provides more strength than two or three flute and will also result in excellent surface finishes.

■ 4 FLUTE CORNER RADIUS REG. LENGTH-INCH						
Cutting Diameter (in.)	Corner radius	Shank Diameter (in.)	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
1/8	.015"	1/8	1/2	1-1/2	101-175	17.50
3/16	.020"	3/16	5/8	2	101-176	24.10
3/16	.030"	3/16	5/8	2	101-177	24.10
1/4	.020"	1/4	3/4	2-1/2	101-178	31.20
1/4	.030"	1/4	3/4	2-1/2	101-179	31.20
1/4	.045"	1/4	3/4	2-1/2	101-180	32.40
5/16	.020"	5/16	13/16	2-1/2	101-181	36.40
5/16	.030"	5/16	13/16	2-1/2	101-182	36.40
5/16	.045"	5/16	13/16	2-1/2	101-183	36.40
3/8	.020"	3/8	1	2-1/2	101-184	48.90
3/8	.030"	3/8	1	2-1/2	101-185	48.90
3/8	.045"	3/8	1	2-1/2	101-186	48.90
1/2	.020"	1/2	1	3	101-187	79.30
1/2	.030"	1/2	1	3	101-188	79.30
1/2	.045"	1/2	1	3	101-189	79.30
1/2	.060"	1/2	1	3	101-190	79.30
5/8	.020"	5/8	1-1/4	3-1/2	101-191	132.60
5/8	.030"	5/8	1-1/4	3-1/2	101-192	132.60
5/8	.045"	5/8	1-1/4	3-1/2	101-193	132.60
5/8	.060"	5/8	1-1/4	3-1/2	101-194	137.00
5/8	.090"	5/8	1-1/4	3-1/2	101-195	137.00
3/4	.020"	3/4	1-1/2	4	101-197	188.40
3/4	.030"	3/4	1-1/2	4	101-198	188.40
3/4	.045"	3/4	1-1/2	4	101-199	194.20
3/4	.060"	3/4	1-1/2	4	101-200	194.10
3/4	.090"	3/4	1-1/2	4	101-201	194.20
3/4	.125"	3/4	1-1/2	4	101-196	197.60
1	.020"	1	1-1/2	4	101-203	349.70
1	.030"	1	1-1/2	4	101-204	349.70
1	.045"	1	1-1/2	4	101-205	355.40
1	.060"	1	1-1/2	4	101-206	355.40
1	.090"	1	1-1/2	4	101-207	367.90
1	.125"	1	1-1/2	4	101-202	367.90

cutting conditions				
Materials				Cutting Speed (SFM)
Main Group	Sub-Group	Condition	Hardness (HRC)	
Low carbon	1018, 1010, 1035	Normalized	<25	150-200
Medium carbon	1045, 1050, 1065	Normalized	<25	150-200
Aluminum	Unalloyed, cast	-	-	350-600
Brass/bronze	-	-	-	350-400
Copper	-	-	-	250-300
Cast iron	-	As cast	<15	150-225



## SPEEDS & FEEDS P. 29

tolerances		
Size	Diameter	Shank Diameter
3/32 thru 1"	+0.000"-.002"	+0.0000"-.0005"