



**C430R** - 4 Flutes 30° Helix Solid Carbide Single-End Mill  
for General Purpose  
Center-Cutting, Corner Radius

Microshield HM TiAlN Coating  
Full CNC Ground  
Ultra High Transverse Rupture Strength  
Radius Tolerance +/-0.002  
Extra-Fine Grain Carbide

Flute Diameter Tolerances : **+0.000"/-0.002"**  
Shank Diameter Tolerances : **-0.0001"/-0.0004"**  
Overall Length Tolerances : **+/-0.060"**  
Length of Cut Tolerances  
[1/16",5/16"] **+0.030"/-0.000"**  
[21/64",1"] **+0.060"/-0.000"**  
Helix Angle : **30°**

Flute Diam.	Shank Diam.	Length Of Cut	Overall Length	Radius	#F	TiAlN
1/8	1/8	1/2	1-1/2	0.015	4	85586-015
3/16	3/16	5/8	2	0.015	4	85590-015
1/4	1/4	3/4	2-1/2	0.015	4	85594-015
5/16	5/16	13/16	2-1/2	0.015	4	85598-015
3/8	3/8	1	2-1/2	0.015	4	85602-015
7/16	7/16	1	2-3/4	0.015	4	85606-015
1/2	1/2	1	3	0.015	4	85610-015
5/8	5/8	1-1/4	3-1/2	0.015	4	85612-015
3/4	3/4	1-1/2	4	0.015	4	85614-015
1	1	1-1/2	4	0.015	4	85616-015
1/8	1/8	1/2	1-1/2	0.020	4	85586-020
3/16	3/16	5/8	2	0.020	4	85590-020
1/4	1/4	3/4	2-1/2	0.020	4	85594-020
5/16	5/16	13/16	2-1/2	0.020	4	85598-020
3/8	3/8	1	2-1/2	0.020	4	85602-020
7/16	7/16	1	2-3/4	0.020	4	85606-020
1/2	1/2	1	3	0.020	4	85610-020
5/8	5/8	1-1/4	3-1/2	0.020	4	85612-020
3/4	3/4	1-1/2	4	0.020	4	85614-020
1	1	1-1/2	4	0.020	4	85616-020
1/4	1/4	3/4	2-1/2	0.030	4	85594-030
5/16	5/16	13/16	2-1/2	0.030	4	85598-030
3/8	3/8	1	2-1/2	0.030	4	85602-030
7/16	7/16	1	2-3/4	0.030	4	85606-030
1/2	1/2	1	3	0.030	4	85610-030
5/8	5/8	1-1/4	3-1/2	0.030	4	85612-030
3/4	3/4	1-1/2	4	0.030	4	85614-030



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Flute Diam.	Shank Diam.	Overall Length	Length Of Cut	Radius	#F	TiAlN
1	1	1-1/2	4	0.030	4	85616-030
1/4	1/4	3/4	2-1/2	0.045	4	85594-045
5/16	5/16	13/16	2-1/2	0.045	4	85598-045
3/8	3/8	1	2-1/2	0.045	4	85602-045
7/16	7/16	1	2-3/4	0.045	4	85606-045
1/2	1/2	1	3	0.045	4	85610-045
5/8	5/8	1-1/4	3-1/2	0.045	4	85612-045
3/4	3/4	1-1/2	4	0.045	4	85614-045
1	1	1-1/2	4	0.045	4	85616-045
7/16	7/16	1	2-3/4	0.060	4	85606-060
1/2	1/2	1	3	0.060	4	85610-060
5/8	5/8	1-1/4	3-1/2	0.060	4	85612-060
3/4	3/4	1-1/2	4	0.060	4	85614-060
1	1	1-1/2	4	0.060	4	85616-060
7/16	7/16	1	2-3/4	0.090	4	85606-090
1/2	1/2	1	3	0.090	4	85610-090
5/8	5/8	1-1/4	3-1/2	0.090	4	85612-090
3/4	3/4	1-1/2	4	0.090	4	85614-090
1	1	1-1/2	4	0.090	4	85616-090
7/16	7/16	1	2-3/4	0.125	4	85606-125
1/2	1/2	1	3	0.125	4	85610-125
5/8	5/8	1-1/4	3-1/2	0.125	4	85612-125
3/4	3/4	1-1/2	4	0.125	4	85614-125
1	1	1-1/2	4	0.125	4	85616-125
3/4	3/4	1-1/2	4	0.190	4	85614-190
1	1	1-1/2	4	0.190	4	85616-190