



These 2 flute carbide endmills offer excellent performance in a variety of applications including slot milling and plunge milling. The TiAlN coating enables increased speed and feed capabilities and enhanced tool life.

2 FLUTE REGULAR LENGTH - TIALN COATED

Cutting Diameter (in.)	Shank Diameter (in.)	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
3/64	1/8	9/64	1-1/2	102-799	18.00
1/16	1/8	3/16	1-1/2	102-800	13.50
5/64	1/8	1/4	1-1/2	102-801	16.30
3/32	1/8	5/16	1-1/2	102-802	13.50
7/64	1/8	3/8	1-1/2	102-803	16.30
1/8	1/8	1/2	1-1/2	102-804	13.10
9/64	3/16	1/2	2	102-805	16.30
5/32	3/16	9/16	2	102-806	25.30
11/64	3/16	9/16	2	102-807	25.40
3/16	3/16	5/8	2	102-808	15.90
13/64	1/4	5/8	2-1/2	102-809	33.20
7/32	1/4	5/8	2-1/2	102-811	30.70
1/4	1/4	3/4	2-1/2	102-810	18.50
9/32	5/16	3/4	2-1/2	102-813	38.10
5/16	5/16	13/16	2-1/2	102-812	26.70
11/32	3/8	7/8	2-1/2	102-815	49.50
3/8	3/8	1	2-1/2	102-814	31.70
13/32	7/16	1	2-3/4	102-817	67.20
7/16	7/16	1	2-3/4	102-816	43.50
1/2	1/2	1	3	102-818	52.80
9/16	9/16	1-1/8	3-1/2	102-820	72.60
5/8	5/8	1-1/4	3-1/2	102-822	82.90
11/16	3/4	1-3/8	4	102-824	112.90
3/4	3/4	1-1/2	4	102-826	126.60
7/8	7/8	1-1/2	4	102-828	173.30
1	1	1-1/2	4	102-830	196.90

cutting conditions				
Materials				Cutting Speed
Main Group	Sub-Group	Condition	Hardness (HRC)	(SFM)
Stainless Steels	300 Series,	Annealed	<29	200-350
	400 Series	Annealed	<29	200-350
Tool steels	01, A-2,D-2	Annealed	<35	150-250
	H-13,P-20			
Medium Carbon	1030, 1035, 1038, 1040, 1045, 1050	Normalized	<28	190-275
Alloyed high carbon	1065, 1070, 1080, 1090, 1095, 1561, 1572	Normalized	<32	150-250
High strength	4140, 4340	Normalized	<32	150-250
Titanium	Commercially pure	Annealed	<32	150-250

cutting speed (sfm)						
	100	150	200	250	300	350
Stainless Steel						
Tool Steels						
Medium Carbon						
Alloyed High Carbon						
High Strength						
Titanium						

hardness (hrc)						
	0	5	10	15	20	25
Stainless Steel						
Tool Steels						
Medium Carbon						
Alloyed High Carbon						
High Strength						
Titanium						

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tolerances		
Size	Diameter	Shank Diameter
3/32 thru 1"	+ .000"-.002"	+ .0000"-.0005"

