



2 flute stub endmills have added strength and stability with the same geometry as our standard endmills.

Double ended design enhances tool economy with the performance and tool life benefits of TiAlN coating.

2 FLUTE D/E STUB LENGTH - TiAlN COATED

Cutting Diameter (in.)	Shank Diameter (in.)	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
1/32	1/8	5/64	1-1/2	102-360	15.20
1/16	1/8	1/8	1-1/2	102-362	15.20
3/32	1/8	3/16	1-1/2	102-364	15.20
1/8	1/8	1/4	1-1/2	102-366	14.70
5/32	3/16	5/16	2	102-368	18.90
3/16	3/16	3/8	2	102-370	18.90
7/32	1/4	1/2	2-1/2	102-372	22.20
1/4	1/4	1/2	2-1/2	102-374	22.20
5/16	5/16	1/2	2-1/2	102-376	34.00
3/8	3/8	1/2	2-1/2	102-378	35.90
7/16	7/16	9/16	2-3/4	102-380	48.70
1/2	1/2	5/8	3	102-382	56.90

cutting conditions				
Materials				Cutting Speed (SFM)
Main Group	Sub-Group	Condition	Hardness (HRC)	
Stainless Steels	300 Series,	Annealed	<29	200-350
	400 Series	Annealed	<29	200-350
Tool steels	01, A-2,D-2 H-13,P-20	Annealed	<35	150-250
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	400	450	500	550
Stainless Steel										
Tool Steels										
Medium Carbon										
Alloyed High Carbon										
High Strength										
Titanium										

hardness (hrc)										
	0	5	10	15	20	25	30	35	35	40
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"

