



Submicron Solid Carbide End Mills

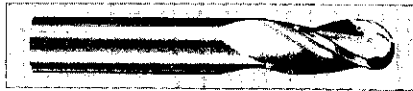
Right Hand Cutting • Right Hand Spiral • Center Cutting



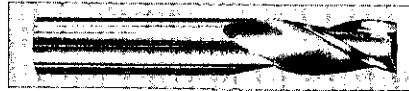
4 Flute Ball End



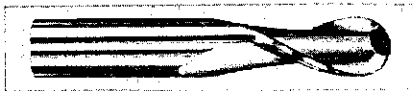
4 Flute Square End



3 Flute Ball End



3 Flute Square End



2 Flute Ball End



2 Flute Square End

- Tolerances:
Cutting Diameter - 1/64" - 1/4"
+.000-.002
17/64" - 1" +.000-.003
- Shank Diameter - All sizes:
-.0001-.0005
- All ball end mills may be approximately 1/8" shorter in flute length and overall length.

- To Order - Specify Cutting Diameter and number of flutes
- For Ball End Add "B"
- Special and metric End Mills and Modifications available on Request.
- All tools available with TiN coating on request.

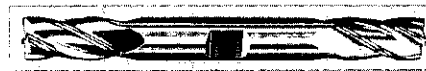
Cutting Dia.	Shank Dia.	Flute Length	Overall Length
1/64"	1/8"	1/32"	1-1/2"
1/32"	1/8"	5/64"	1-1/2"
3/64"	1/8"	7/64"	1-1/2"
1/16"	1/8"	3/16"	1-1/2"
5/64"	1/8"	3/16"	1-1/2"
3/32"	1/8"	9/32"	1-1/2"
7/64"	1/8"	3/8"	1-1/2"
1/8"	1/8"	1/2"	1-1/2"
9/64"	3/16"	1/2"	2"
5/32"	3/16"	1/2"	2"
11/64"	3/16"	5/8"	2"
3/16"	3/16"	5/8"	2"
13/64"	1/4"	5/8"	2-1/2"
7/32"	1/4"	5/8"	2-1/2"
15/64"	1/4"	3/4"	2-1/2"
1/4"	1/4"	3/4"	2-1/2"
17/64"	5/16"	3/4"	2-1/2"
9/32"	5/16"	3/4"	2-1/2"
19/64"	5/16"	13/16"	2-1/2"
5/16"	5/16"	13/16"	2-1/2"
21/64"	3/8"	1"	2-1/2"
11/32"	3/8"	1"	2-1/2"
23/64"	3/8"	1"	2-1/2"
3/8"	3/8"	1"	2-1/2"
25/64"	7/16"	1"	2-3/4"
13/32"	7/16"	1"	2-3/4"
27/64"	7/16"	1"	2-3/4"
7/16"	7/16"	1"	2-3/4"
29/64"	1/2"	1"	3"
15/32"	1/2"	1"	3"
31/64"	1/2"	1"	3"
1/2"	1/2"	1"	3"
9/16"	9/16"	1-1/8"	3-1/2"
5/8"	5/8"	1-1/4"	3-1/2"
11/16"	3/4"	1-3/8"	4"
3/4"	3/4"	1-1/2"	4"
7/8"	7/8"	1-1/2"	4"
1"	1"	1-1/2"	4"

Cutting Dia.	Shank Dia.	Flute Length	Overall Length
1/32"	1/8"	1/16"	1-1/2"
3/64"	1/8"	3/32"	1-1/2"
1/16"	1/8"	1/8"	1-1/2"
5/64"	1/8"	1/8"	1-1/2"
3/32"	1/8"	3/16"	1-1/2"
7/64"	1/8"	3/16"	1-1/2"
1/8"	1/8"	1/4"	1-1/2"
9/64"	3/16"	5/16"	2"
5/32"	3/16"	5/16"	2"
11/64"	3/16"	5/16"	2"
3/16"	3/16"	3/8"	2"
13/64"	1/4"	1/2"	2-1/2"
7/32"	1/4"	1/2"	2-1/2"
15/64"	1/4"	1/2"	2-1/2"
1/4"	1/4"	1/2"	2-1/2"
9/32"	5/16"	1/2"	2-1/2"
5/16"	5/16"	1/2"	2-1/2"
3/8"	3/8"	9/16"	2-1/2"
7/16"	7/16"	9/16"	2-3/4"
1/2"	1/2"	5/8"	3"

Submicron Solid Carbide Double-End End Mills with Weldon Flat

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+.000-.002
- 9/32" - 1/2" +.000-.003
- Shank Diameter - All Sizes:
.0001 - .0005
- All ball end mills may be approximately 1/8" shorter in flute length and overall length.



4 Flute Square End



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2 Flute Square End



2 Flute Ball End