

EDM Tapping Electrodes

- Standard Sizes 6" OAL with 5" Thread and 3" OAL with 2" Thread
- Materials – Graphite, Copper/Graphite, Copper, Brass, Copper-Tungsten (Copper/Tungsten material with O.D above 0.062" has 3.5" thread length, diameters less than 0.062" will have 1.5" thread length)
- Types – Orbiting and Non-Orbiting

Inch	Orbit Flush Hole	Standard Flush Hole
10-24"	N/A	1/16"
10-32"	N/A	1/16"
12-24"	N/A	1/16"
12-28"	N/A	1/16"
1/4-20"	1/16"	3/32"
1/4-28"	1/16"	3/32"
5/16-18"	3/32"	1/8"
5/16-24"	3/32"	1/8"
3/8-16"	1/8"	1/8"
3/8-24"	1/8"	3/16"
7/16-14"	3/16"	3/16"
7/16-20"	3/16"	3/16"
1/2-13"	1/4"	1/4"
1/2-20"	1/4"	1/4"
9/16-12"	1/4"	1/4"
9/16-18"	1/4"	1/4"
5/8-11"	1/4"	1/4"
5/8-18"	1/4"	1/4"
3/4-10"	1/4"	1/4"
3/4-16"	1/4"	1/4"
7/8-9"	1/4"	1/4"
7/8-14"	1/4"	1/4"
1-8"	1/4"	1/4"
1-14"	1/4"	1/4"

Metric	Orbit Flush Hole	Standard Flush Hole
M4.5 X 0.75	N/A	1/16"
M5 X 0.8	N/A	1/16"
M6 X 1.0	1/16"	1/16"
M7 X 1.0	1/16"	3/32"
M8 X 1.25	1/16"	1/8"
M10 X 1.50	1/8"	5/32"
M12 X 1.75	1/8"	1/4"
M14 X 2.0	1/8"	1/4"
M16 X 2.0	1/4"	1/4"
M18 X 2.50	1/4"	1/4"
M20 X 2.50	1/4"	1/4"

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Custom Machined Tapping Electrodes are also available, as these will be made to order items, they will have longer lead-times.

Pipe Tapping Electrodes are not offered in Copper/Tungsten material.

Standard Pipe	Tapping	Electrodes
Size	OAL	Standard Flush Hole
1/16" NPT	2.00"	1/8"
1/8" NPT	2.00"	1/8"
1/4" NPT	2.00"	1/8"
3/8" NPT	2.50"	1/8"
1/2" NPT	3.00"	1/8"

Orbital Pipe Tapping Electrodes		
Size	OAL	Standard Flush Hole
1/16" NPT	2.00"	1/8"
1/8" NPT	2.00"	1/8"
1/4" NPT	2.00"	1/8"
3/8" NPT	2.50"	1/8"
1/2" NPT	3.00"	1/8"
3/4" NPT	3.00"	1/8"