

# ANSELAN PRECISION MACHINERY CO., LTD.

Address: No. 539 Wanjiali Rd., Yuhua District, Changsha, 410019, China

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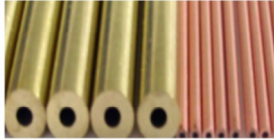
Skype: edmservicechina

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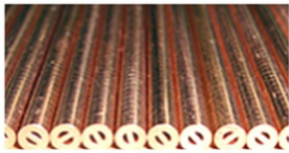
Website: www.anselanedm.com



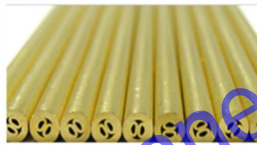
## Brass & Copper Electrode Tube



Single Channel Type



Multi Channel Type : I-Type



8-type



3H-type

## Copper Tungsten Electrode Tube



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OD (mm)	Length (mm)	Available
0.10	200	○
0.13	200	○
0.15	200	○
0.20	200/300/500	○
0.25	200/300/500	○
0.3	300/400/500	○
0.4	300/400/500	○
0.5	300/400/500	○
0.6	300/400/500	○
0.7	300/400/500	○
0.8	300/400/500	○
0.9	300/400/500	○
1.0	300/400/500	○
1.1	300/400/500	○
1.2	300/400/500	○
1.3	300/400/500	○
1.4	300/400/500	○
1.5	300/400/500	○
1.6	300/400/500	○
1.7	300/400/500	○
1.8	300/400/500	○
1.9	300/400/500	○
2.0	300/400/500	○
2.1	300/400/500	○
2.2	300/400/500	○
2.3	300/400/500	○
2.4	300/400/500	○
2.5	300/400/500	○
2.6	300/400/500	○
2.7	300/400/500	○
2.8	300/400/500	○
2.9	300/400/500	○
3.0	300/400/500	○
3.1	300/400/500	○
3.2	300/400/500	○
3.3	300/400/500	○
3.4	300/400/500	○
3.5	300/400/500	○
3.6	300/400/500	○
3.7	300/400/500	○
3.8	300/400/500	○
3.9	300/400/500	○
4.0	300/400/500	○
4.1	300/400/500	○
4.2	300/400/500	○
4.3	300/400/500	○
4.4	300/400/500	○
4.5	300/400/500	○
4.6	300/400/500	○
4.7	300/400/500	○
4.8	300/400/500	○
4.9	300/400/500	○
5.0	300/400/500	○
~	300/400/500	○
6.5	300/400/500	○

OD (mm)	Length (mm)	I-Type	8-Type	3H -Type
0.4	300/400	○	x	x
0.5	300/400	○	x	x
0.6	300/400	○	x	x
0.7	300/400	○	x	x
0.8	300/400	○	x	x
0.9	300/400	○	x	x
1.0	300/400/500	○	○	x
1.1	300/400/500	○	○	x
1.2	300/400/500	○	○	x
1.3	300/400/500	○	○	x
1.4	300/400/500	○	○	x
1.5	300/400/500	○	○	x
1.6	300/400/500	○	○	x
1.7	300/400/500	○	○	x
1.8	300/400/500	○	○	x
1.9	300/400/500	○	○	x
2.0	300/400/500	○	○	x
2.1	300/400/500	x	○	x
2.2	300/400/500	x	○	x
2.3	300/400/500	x	○	x
2.4	300/400/500	x	○	x
2.5	300/400/500	x	○	x
2.6	300/400/500	x	○	x
2.7	300/400/500	x	○	x
2.8	300/400/500	x	○	x
2.9	300/400/500	x	○	x
3.0	300/400/500	x	○	x
3.1	300/400/500	x	○	x
3.2	300/400/500	x	○	○
3.3	300/400/500	x	○	○
3.4	300/400/500	x	○	○
3.5	300/400/500	x	○	○
3.6	300/400/500	x	○	○
3.7	300/400/500	x	○	○
3.8	300/400/500	x	○	○
3.9	300/400/500	x	○	○
4.0	300/400/500	x	○	○
4.1	300/400/500	x	○	○
4.2	300/400/500	x	○	○
4.3	300/400/500	x	○	○
4.4	300/400/500	x	○	○
4.5	300/400/500	x	○	○
4.6	300/400/500	x	○	○
4.7	300/400/500	x	○	○
4.8	300/400/500	x	○	○
4.9	300/400/500	x	○	○
5.0	300/400/500	x	○	○
~	300/400/500	x	○	○
6.5	300/400/500	x	○	○

※ The other diameter and length are available upon request.

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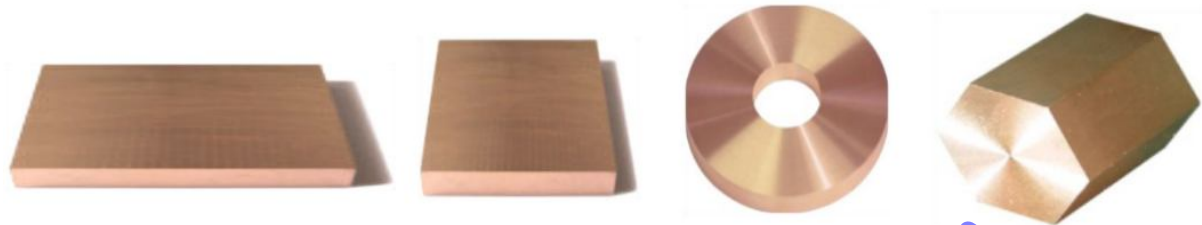
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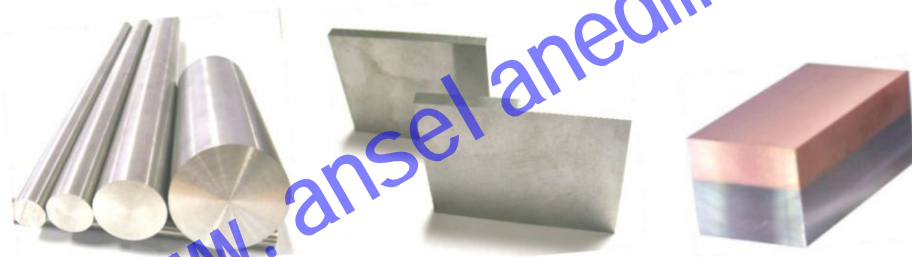
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**Copper Tungsten Electrode****Specification**

Type	Class	Density ( g/cm <sup>3</sup> )	Conductivity (%IACS )	HRB	HB ( Mpa )
CuW65	9	13.4 - 13.6	≥ 52	83-85	≥ 1545
CuW70	10	14.1 - 14.3	≥ 47	90-92	≥ 1720
CuW75	11	14.8 - 15.0	≥ 42	94-96	≥ 2035
CuW80	12	15.4 - 15.6	≥ 38	99-101	≥ 2160
CuW85	13	16.1 - 16.3	≥ 32	107-109	≥ 2355

※ Other compositions are available upon request

**Silver Tungsten Electrode****Specification**

Type	Class	Density ( g/cm <sup>3</sup> )	Conductivity (%IACS )	HRB	HB ( Mpa )
AgW65	9	14.6 - 14.9	≥ 54	80-83	≥ 1515
AgW70	10	15.2 - 15.5	≥ 50	89-92	≥ 1695
AgW75	11	15.8 - 16.1	≥ 45	92-95	≥ 2005
AgW80	12	16.3 - 16.6	≥ 40	94-99	≥ 2130
AgW85	13	16.9 - 17.2	≥ 35	102-105	≥ 2325

※ Other compositions are available upon request

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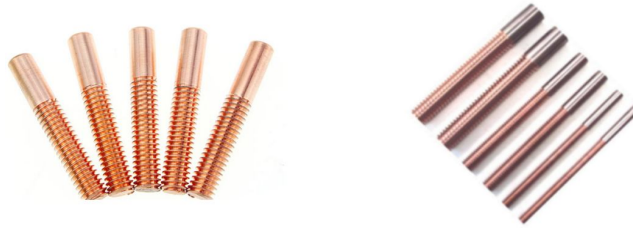
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**Copper & Copper Tungsten Tapping electrode**

Code No	Pitch	Shank OD	Thread Length (mm)	Overall Length (mm)	Without hole	Flush hole
M2	0.4	1.4	15/20/50	55/60/80	○	○
M2.5	0.45	1.8	15/20/50	55/60/80	○	○
M3	0.5	2.2	35/40/50/80	55/60/80/120	○	○
M4	0.7	3.0	35/40/50/80	55/60/80/120	○	○
M5	0.8	4.0	35/40/50/80	55/60/80/120	○	○
M6	1.0	4.8	35/40/50/80	55/60/80/120	○	○
M8	1.25	6.5	35/40/50/80	55/60/80/120	○	○
M10	1.5	8.0	35/40/50/80	55/60/80/120	○	○
M12	1.75	10.0	35/40/50/80	55/60/80/120	○	○
M14	2.0	12.0	35/40/50/80	55/60/80/120	○	○
M16	2.0	14.0	35/40/50/80	55/60/80/120	○	○
M18	2.5	15.0	35/40/50/80	55/60/80/120	○	○
M20	2.5	18.0	35/40/50/80	55/60/80/120	○	○
M22	2.5	20.0	35/40/50/80	55/60/80/120	○	○
M24	3.0	22.0	35/40/50/80	55/60/80/120	○	○

Code No	Pitch	Shank OD	Thread Length (mm)	Overall Length (mm)	Without hole	Flush hole
UNC 6-32	0.794	3.0	20/35/50	50/55/80	○	○
UNC 8-32	0.794	4.0	20/35/50	50/55/80	○	○
UNC 3/8-16	1.588	8.0	20/35/50	50/55/80	○	○
NPT 1/16-27	0.941	6.5	20/35/50	50/55/80	○	○
NPT 1/8-27	0.941	9.0	20/35/50	50/55/80	○	○
NPT 1/4-18	1.411	11.0	20/35/50	50/55/80	○	○
NPT 3/8-18	1.411	14.0	20/35/50	50/55/80	○	○
NPT 1/2-14	1.814	18.0	20/35/50	50/55/80	○	○
G 1/16-28	0.907	6.5	20/35/50	50/55/80	○	○
G 1/8-28	0.907	8.0	20/35/50	50/55/80	○	○
G 3/8-19	1.337	15.0	20/35/50	50/55/80	○	○
G 1/2-14	1.814	20.0	20/35/50	50/55/80	○	○
G 5/8-14	1.814	22.0	20/35/50	50/55/80	○	○
PT1/16-28	0.907	6.5	20/35/50	50/55/80	○	○
PT1/8-28	0.907	8.5	20/35/50	50/55/80	○	○
PT3/8-19	1.337	15.0	20/35/50	50/55/80	○	○
PT1/2-14	1.814	18.0	20/35/50	50/55/80	○	○
PT5/8-14	1.814	20.0	20/35/50	50/55/80	○	○

**Characteristic**

Tapping electrode is very important element to drill and tap for very hard metals, tight tolerance and high productivity demands.

Our tapping electrode is produced through special cutting-process for thread by CNC machine.

The quality will be compared with a rolling system in straightness and tolerance of outer diameter.

Our product always will be preserved the superior straightness, pitch and outer diameter exactly.