

Carbide Rod Tolerances

Tol. of Ground Rods' Diameter

Diameter	h4	h5	h6	h7
0-3.0mm 0-0.1181 in.	0.003mm 0.00012 in.	0.004 mm 0.00015 in.	0.006 mm 0.00024 in.	0.010 mm 0.00039 in.
3.001-6.0mm 0.1181 - 0.2362 in.	0.004mm 0.00015 in.	0.005 mm 0.00020 in.	0.008 mm 0.00031 in.	0.012 mm 0.00047 in.
6.001-10.0 mm 0.2363 - 0.3937 in.	0.004mm 0.00015 in.	0.006 mm 0.00024 in.	0.009 mm 0.00035 in.	0.015 mm 0.00059 in.
10.001-18.0 mm 0.3938 - 0.7087 in.	0.005mm 0.00020 in.	0.008 mm 0.00031 in.	0.011 mm 0.00043 in.	0.018 mm 0.00071 in.
18.001-30.0 mm 0.7088 - 1.1811 in.	0.006mm 0.00024 in.	0.009 mm 0.00035 in.	0.013 mm 0.00051 in.	0.021 mm 0.00083 in.
30.001-50.0 mm 1.1812 - 1.9685 in.	0.007mm 0.00028 in.	0.011 mm 0.00043 in.	0.016 mm 0.00063 in.	0.025 mm 0.00098 in.

"h" Tolerance is +0.0/-

Surface Roughness of Rods

Type	Accuracy
Polished Rods	0.00-0.05 μm
Ground Rods	0.00-0.10 μm
Dull Finished	0.10-0.20 μm

Roundness Tolerance

The standard roundness tolerance of the ground rod is 0.002 mm.

