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Tungsten Carbide Balls

Tungsten Carbide Balls are an excellent choice in applications that demand high wear and impact resistance. Tungsten Carbide (WC 90%, Co 6%) resists deformation and holds up in extreme temperatures, corrosive and abrasive conditions. Precision ground to sphericity of 0.625um and diameter +/-2.5um or better. We stock sizes from 1.00mm and can supply from 0.13mm up to 20.00mm, larger upon request.

Typical Applications: CMM Probes, Dial Indicators, Hydraulic Valves, High-load Bearings, Linear Bearings, Ball Screw Assembly, Flow Meters, Ballizing.



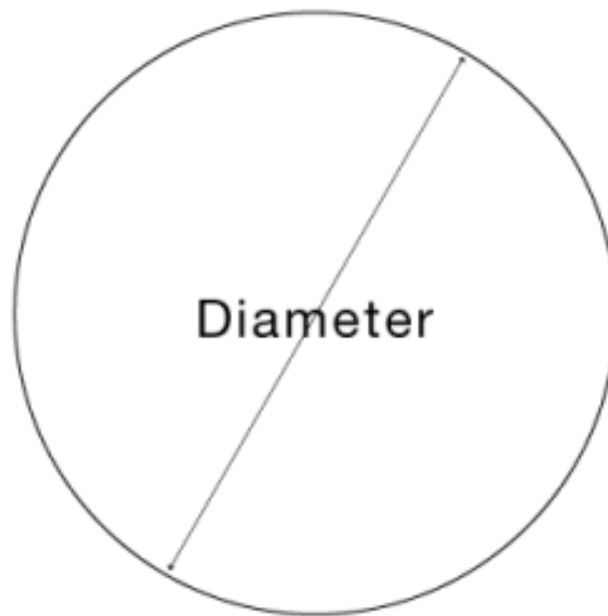
Model	Ball Diameter	Material
TCB1.00	1.00mm	<u>Tungsten Carbide</u>
TCB2.00	2.00mm	<u>Tungsten Carbide</u>
TCB3.00	3.00mm	<u>Tungsten Carbide</u>
TCB4.00	4.00mm	<u>Tungsten Carbide</u>

ADDITIONAL INFORMATION:

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Tungsten Carbide Ball Cross Section



NOT SEEING EXACTLY WHAT YOU NEED?

We at the Swiss Jewel Company specialize in creating a wide range of custom optical components and custom mechanical components including a variety of shapes - from internal holes and tapers to outer flanges, angles and surface finishes. Contact us (800-922-0118) and we will consult with you to create a custom component that meets all of your specifications.