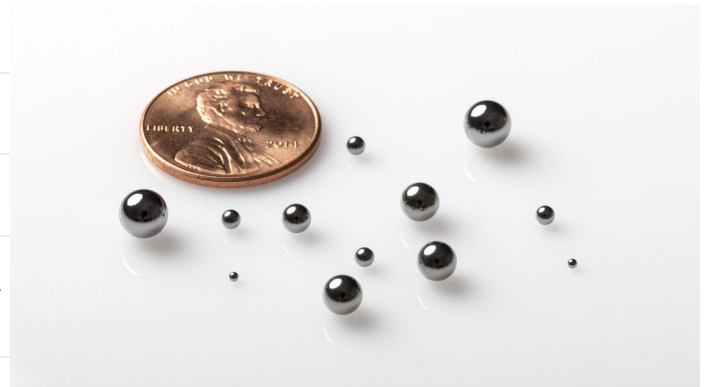


Products > Balls & Hemispheres > Tungsten Carbide Balls > TCB1.00

# Tungsten Carbide Balls - TCB1.00

## Specifications

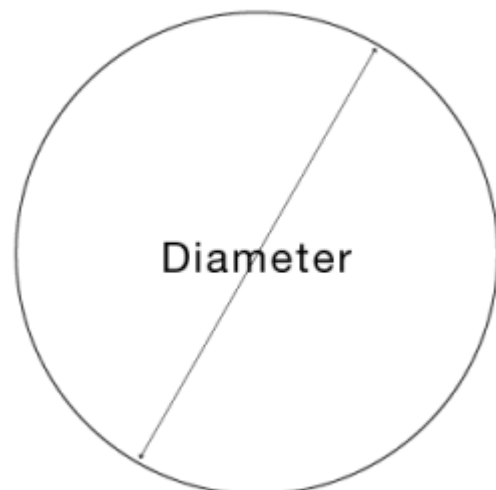
<b>Model</b>	TCB1.00
<b>Diameter</b>	.03937"
<b>Diameter (mm)</b>	1.00
<b>Material</b>	<u>Tungsten Carbide</u>
<b>Grade</b>	<u>25</u>
<b>Ball Diameter</b>	1.00mm



 Custom Options Available

### Description

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.

### 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 and we will consult with you to create a custom component that meets all of your specifications.