

Technical Specifications

Material standards, dimensions, tolerance ranges and finishing details for precision watch components.

Material Standards

- 1 316L Stainless Steel – corrosion-resistant, widely used in watch cases and buckles
- 2 Titanium – lightweight, high strength, premium applications
- 3 Leather – genuine leather for straps with high durability
- 4 Silicone – flexible and suitable for sport applications

Dimension Range

- 1 Watch Cases: 20mm – 50mm diameter
- 2 Straps Width: 12mm – 26mm
- 3 Buckles: customized sizes available
- 4 Hands: customized length and thickness

Tolerance Standards

- 1 CNC machining tolerance: $\pm 0.01\text{mm}$
- 2 Assembly tolerance: $\pm 0.02\text{mm}$
- 3 Strict QC inspection applied at each stage

Surface Finishing

- 1 Polishing – mirror or brushed finish
- 2 Sandblasting – matte texture
- 3 PVD Coating – enhanced durability and color options
- 4 Anodizing – for titanium components

Customization

All specifications can be customized according to client requirements. OEM / ODM services are available.