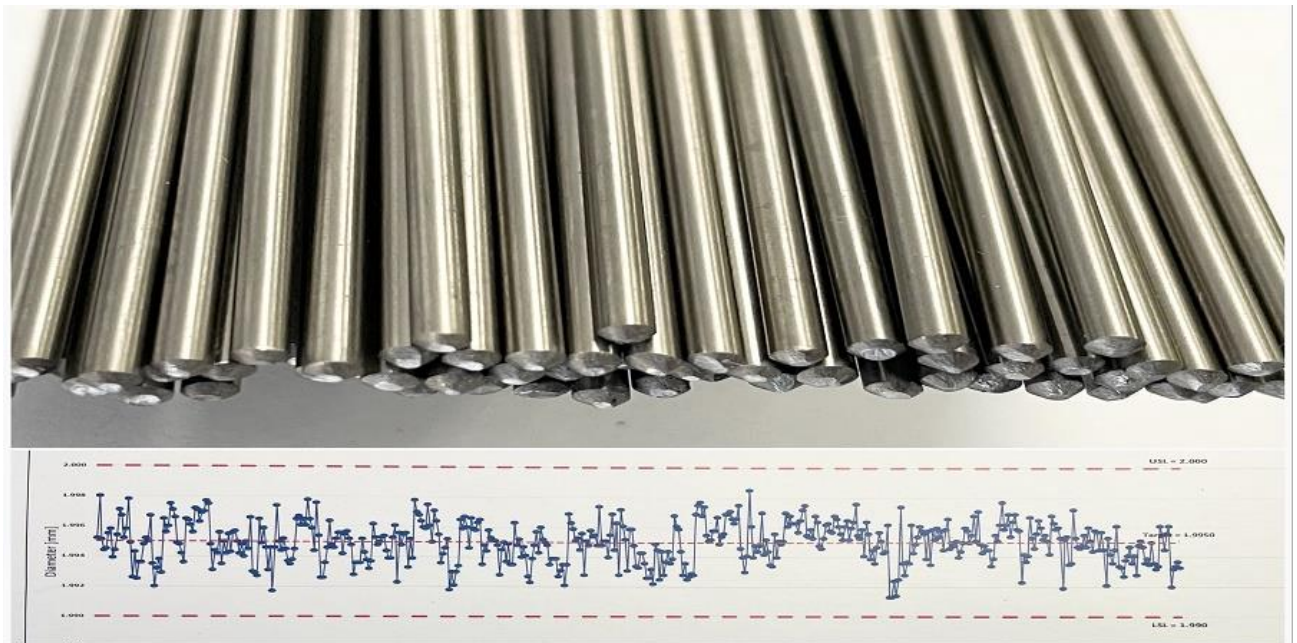


NEWSLETTER – Small precision round bars

Precision round bars enable a high degree of automation. We offer precision round bars made of titanium and titanium alloys that meet the highest requirements with tolerances in the h6 and h5 range for diameters from 1.5 mm to 8 mm.

Process costs can be sustainably reduced through the use of precision round bars. Round bars with tight tolerances offer significant advantages and contribute to a considerable increase in economic efficiency through reliable and reproducible processes. High-precision primary material is a fundamental prerequisite for the automated production of precision parts. Variations within the tolerance over the length of the bar, out-of-roundness or imbalances impair the precision and accuracy of the production machine and the component. Signer Titanium offers round bars made of titanium and titanium alloys that meet the highest requirements. The narrow tolerance range of h6 and h5 offers enormous advantages, particularly in the highly automated production of parts for medical technology, the watch industry and precision instruments.



Lower tool wear, reproducible, high-precision parts and minimal downtimes, especially in unmanned production, increase efficiency despite higher material costs and ultimately reduce unit costs. Signer Titanium also offers the service of measuring and recording round bars up to 5 mm in diameter using an optical micrometer. Individual bars or entire batches can be documented and statistically evaluated with several measurements per bar, thus enabling the process capability to be assessed.