

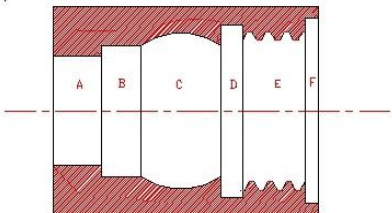





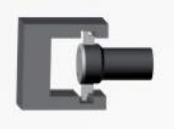
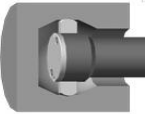
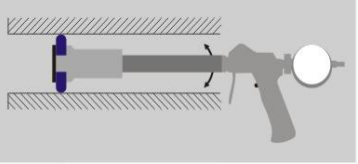

## 3 Point Bore Gauge VS 2 Point Bore Gauge

 <p>( Trigabore Gauge 6-100mm )</p> <p>Trigabore Handle 6-16mm</p> <p>Trigabore Handle 16-200mm</p> <p>7 Setting Rings Gauge Need</p> <p>Measuring Head 6-100mm</p> <p>7 rings gauge required to measure 6-100mm diameter.</p>	 <p>57 rings gauge required to measure 6-100mm diameter.</p>
<p><b>Trigabore Gauge</b></p>	<p><b>Cylinder Bore Gauge</b></p>
<p>Show absolute diameters, Can use digital readout.</p>	<p>Comparative measurements w.r.t. master</p>
<p>7 master setting ring required to measuring 6-100mm diameter.</p>	<p>57 master setting rings required to measuring 6-100mm diameter.</p>
<p>Even a semi skilled operator gets accurate and consistent results.</p>	<p>Need a skilled operator and still the results may differ from operator to operator due to a process of finding a reversal point.</p>


## 3 Point Bore Gauge VS 2 Point Bore Gauge

<p>Repeatability 2 micron and accuracy 4 micron.</p>	<p>Accuracy depends on operator and master setting gauge</p>
<p>Measuring heads for special applications such as groove, thread screw, spline, slot, deep hole, spherical can be provided.</p>	<p>Such special applications are not possible.</p>
<div style="text-align: center;">  </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="width: 45%;"> <p>A) THROUGH BORE</p> <p>B) BLIND BORE</p> <p>C) SPHERICAL BORE</p> </div> <div style="width: 45%;"> <p>D) "O" RING GROOVE BORE</p> <p>E) THREAD BORE</p> <p>F) SHALLOW BORE</p> </div> </div>	<p>Special application Not Possible</p>
<div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>Spline Measurement</p> </div> </div>	<p>Spline Measurement Not Possible</p>
<div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>Groove Measurement</p> </div> </div>	<p>Groove Measurement Not Possible</p>

## 3 Point Bore Gauge VS 2 Point Bore Gauge

	Taper Measurement	Taper Measurement Not Possible
	Slot Measurement	Slot Measurement Not Possible
	Spherical Measurement	Spherical Measurement Not Possible
	Deep Measurement upto 5 meter.	Deep Measurement upto 1 meter.
	Thread Measurement	Thread Measurement Not Possible

## 3 Point Bore Gauge VS 2 Point Bore Gauge

 <p style="text-align: center;">Ball Screw Thread Measurement</p>	<p style="text-align: center;">Ball Screw Thread Measurement Not Possible</p>
<p>Self centering in the bore. Hence swinging in the bore to get reversal point is not required. Therefore; there is no wear of the setting rings. Hence frequent replacement of setting rings are not required</p>	<p>Need to swing it in the bore to find the reversal point which causes wear of contact surface of the setting devices such as slip gauge, setting rings, micrometer etc. Which requires frequent replacement of rings</p>
<p>Once the bore gauge set with a setting ring, it can be used for the complete range of the measuring head, e.g. Head of 40-50mm range can be used for entire range after it is set with a setting ring of any dia between 40-50mm. <b>NO MACHINE DOWN TIME. MASTER SETTING RING ALWAYS AVAILABLE FROM SET.</b></p>	<p>Dial bore gauge is being comparative instruments, has to be set with setting devices (Such as slip gauge, micrometer, ring etc.)for each bore dia to be measured. Hence, it takes a long time for setting. <b>EXCESSIVE MACHINE DOWNTIME. MASTER MAY NOT BE AVAILABLE EASILY.</b></p>
<p>Due to quick setting, valuable machine time is saved for the costly CNC machines.</p>	<p>Delay in setting of dial bore gauge keeps costly CNC machines idle.</p>
<p>Lobbing in the bore can be detected.</p>	<p>Lobbing in the bore cannot be detected.</p>
<p>Deep bore extensions available up to 5 meters.</p>	<p>Extension is not available. Max 1 meter</p>
<p>ISO 9000 requirements can be easily fulfilled and traceability can be established just by calibrating setting rings (Only 12 setting rings are required for the range of 6-200mm)</p>	<p>Number of setting master (Slip gauges, setting rings, setting master etc.) required to be calibrated for ISO 9000 certification and for establishing the traceability.</p>