

CAN SUPPLY CUSTOM SIZES FROM Ø3.000mm  
TO Ø200.000mm, FOR EXAMPLE, Ø20.218mm

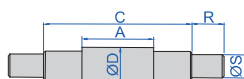
## CYLINDER GAUGES



- Made of tungsten steel, quenched, ultra-low temperature treatment
- Wear resistant, long life, dimension stability
- Hardness HRC60-62

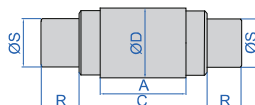


6316-30



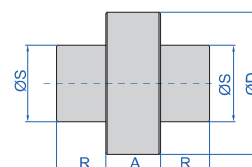
(mm)

| Diameter<br>ØD ** | A     | C     | R    | ØS  | Size ***<br>difference | Roundness<br>and cylindricity |
|-------------------|-------|-------|------|-----|------------------------|-------------------------------|
| 3.0-3.81          | 9.52  | 17.46 | 11.1 | 2.4 | ±5µm                   | 0.5µm                         |
| 3.81-5.84         | 11.11 | 19.05 | 11.1 | 3.2 | ±5µm                   | 0.5µm                         |
| 5.84-9.27         | 12.7  | 20.64 | 11.1 | 5.6 | ±5µm                   | 0.5µm                         |



(mm)

| Diameter<br>ØD ** | A     | C     | R    | ØS   | Size ***<br>difference | Roundness<br>and cylindricity |
|-------------------|-------|-------|------|------|------------------------|-------------------------------|
| 9.27-12.95        | 14.29 | 22.22 | 12.7 | 8.7  | ±5µm                   | 0.5µm                         |
| 12.95-20.96       | 15.88 | 23.81 | 12.7 | 12.7 | ±5µm                   | 0.5µm                         |
| 20.96-28.83       | 17.46 | 25.4  | 15.9 | 19   | ±5µm                   | 0.7µm                         |
| 28.83-38.35       | 20.64 | 28.58 | 15.9 | 25.4 | ±5µm                   | 0.7µm                         |



(mm)

| Diameter<br>ØD ** | A    | ØS   | R    | Size ***<br>difference | Roundness<br>and cylindricity |
|-------------------|------|------|------|------------------------|-------------------------------|
| 38.35-51.05       | 22.2 | 31.8 | 15.8 | ±5µm                   | 1µm                           |
| 51.05-63.75       | 22.2 | 31.8 | 15.8 | ±5µm                   | 1µm                           |
| 63.75-76.45       | 25.4 | 38.1 | 39.8 | ±5µm                   | 1.2µm                         |
| 76.45-89.15       | 25.4 | 38.1 | 39.8 | ±5µm                   | 1.2µm                         |
| 89.15-101.85      | 25.4 | 38.1 | 39.8 | ±5µm                   | 1.2µm                         |
| 101.85-114.55     | 25.4 | 38.1 | 39.8 | ±5µm                   | 1.2µm                         |
| 114.55-127.25     | 25.4 | 38.1 | 39.8 | ±5µm                   | 1.6µm                         |
| 127.25-139.95     | 25.4 | 38.1 | 39.8 | ±5µm                   | 1.6µm                         |
| 139.95-152.62     | 25.4 | 38.1 | 39.8 | ±5µm                   | 1.6µm                         |
| 152.65-165.35     | 25.4 | 38.1 | 39.8 | ±5µm                   | 1.6µm                         |
| 165.35-178.05     | 25.4 | 38.1 | 39.8 | ±5µm                   | 2µm                           |
| 178.05-190.75     | 25.4 | 38.1 | 39.8 | ±5µm                   | 2µm                           |
| 190.75-203.45     | 25.4 | 38.1 | 39.8 | ±5µm                   | 2µm                           |

\*\* For example, 3-3.81 indicates 3mm<D≤3.8mm

\*\*\* Size difference (difference between the ordered size and the size marked on the cylinder gauges when supplied).  
For example, the ordered size is Ø3.000mm, the size marked on the cylinder gauges when supplied may be Ø3.003mm

| Code      | ØD    |
|-----------|-------|
| 6316-3 *  | Ø3mm  |
| 6316-4 *  | Ø4mm  |
| 6316-5 *  | Ø5mm  |
| 6316-6 *  | Ø6mm  |
| 6316-7 *  | Ø7mm  |
| 6316-8 *  | Ø8mm  |
| 6316-9 *  | Ø9mm  |
| 6316-10 * | Ø10mm |
| 6316-11 * | Ø11mm |
| 6316-12 * | Ø12mm |
| 6316-13 * | Ø13mm |
| 6316-14 * | Ø14mm |
| 6316-15 * | Ø15mm |

| Code      | ØD    |
|-----------|-------|
| 6316-16 * | Ø16mm |
| 6316-17 * | Ø17mm |
| 6316-18 * | Ø18mm |
| 6316-19 * | Ø19mm |
| 6316-20 * | Ø20mm |
| 6316-21 * | Ø21mm |
| 6316-22 * | Ø22mm |
| 6316-23 * | Ø23mm |
| 6316-24 * | Ø24mm |
| 6316-25 * | Ø25mm |
| 6316-26 * | Ø26mm |
| 6316-27 * | Ø27mm |
| 6316-28 * | Ø28mm |

| Code      | ØD    |
|-----------|-------|
| 6316-29 * | Ø29mm |
| 6316-30 * | Ø30mm |
| 6316-31 * | Ø31mm |
| 6316-32 * | Ø32mm |
| 6316-33 * | Ø33mm |
| 6316-34 * | Ø34mm |
| 6316-35 * | Ø35mm |
| 6316-36 * | Ø36mm |
| 6316-37 * | Ø37mm |
| 6316-38 * | Ø38mm |
| 6316-39 * | Ø39mm |
| 6316-40 * | Ø40mm |
| 6316-41 * | Ø41mm |

| Code      | ØD    |
|-----------|-------|
| 6316-42 * | Ø42mm |
| 6316-43 * | Ø43mm |
| 6316-44 * | Ø44mm |
| 6316-45 * | Ø45mm |
| 6316-46 * | Ø46mm |
| 6316-47 * | Ø47mm |
| 6316-48 * | Ø48mm |
| 6316-49 * | Ø49mm |
| 6316-50 * | Ø50mm |
| 6316-55 * | Ø55mm |
| 6316-60 * | Ø60mm |
| 6316-62 * | Ø62mm |
| 6316-65 * | Ø65mm |

| Code       | ØD     |
|------------|--------|
| 6316-70 *  | Ø70mm  |
| 6316-75 *  | Ø75mm  |
| 6316-80 *  | Ø80mm  |
| 6316-85 *  | Ø85mm  |
| 6316-87 *  | Ø87mm  |
| 6316-90 *  | Ø90mm  |
| 6316-95 *  | Ø95mm  |
| 6316-100 * | Ø100mm |
| 6316-125 * | Ø125mm |
| 6316-150 * | Ø150mm |
| 6316-175 * | Ø175mm |
| 6316-200 * | Ø200mm |

\* Supplied with manufacturer inspection certificate