



Application

To check the internal radial clearance during mounting of spherical roller bearings with a tapered bore.

Technical data

Two types of feeler gauges are available, one with 13 blades of 100 mm (4 in) length, type A, and one with 29 blades of 200 mm (8 in) length, type B. The small gauge has a plastic case while the big one is supplied with a case made of steel.



Technical data

| Designation | Blade length | | Blade thickness | | Tolerance | |
|-------------|--------------|-------|-----------------|--------|-----------|---------|
| | mm | inch | mm | inch | mm | inch |
| 729865 A | 100 | 4 | 0,03 | 0.0012 | 0.003 | 0.00012 |
| | | | 0,04 | 0.0016 | 0.003 | 0.00012 |
| | | | 0,05 | 0.0020 | 0.003 | 0.00012 |
| | | | 0,06 | 0.0024 | 0.003 | 0.00012 |
| | | | 0,07 | 0.0028 | 0.003 | 0.00012 |
| | | | 0,08 | 0.0031 | 0.003 | 0.00012 |
| | | | 0,09 | 0.0035 | 0.003 | 0.00012 |
| | | | 0,10 | 0.0039 | 0.004 | 0.00016 |
| | | | 0,12 | 0.0047 | 0.004 | 0.00016 |
| | | | 0,14 | 0.0055 | 0.004 | 0.00016 |
| | | | 0,15 | 0.0059 | 0.004 | 0.00016 |
| | | | 0,20 | 0.0079 | 0.005 | 0.00020 |
| | | | 0,30 | 0.0118 | 0.007 | 0.00028 |
| 729865 B | 200 | 8 | 0,05 | 0.0020 | 0.003 | 0.00012 |
| | | | 0,09 | 0.0035 | 0.003 | 0.00012 |
| | | | 0,10 | 0.0039 | 0.004 | 0.00016 |
| | | | 0,11 | 0.0043 | 0.004 | 0.00016 |
| | | | 0,12 | 0.0047 | 0.004 | 0.00016 |
| | | | 0,13 | 0.0051 | 0.004 | 0.00016 |
| | | | 0,14 | 0.0055 | 0.004 | 0.00016 |
| | | | 0,15 | 0.0059 | 0.004 | 0.00016 |
| | | | 0,16 | 0.0063 | 0.005 | 0.00020 |
| | | | 0,17 | 0.0067 | 0.005 | 0.00020 |
| | | | 0,18 | 0.0071 | 0.005 | 0.00020 |
| | | | 0,19 | 0.0075 | 0.005 | 0.00020 |
| | | | 0,20 | 0.0079 | 0.005 | 0.00020 |
| | | | 0,25 | 0.0098 | 0.006 | 0.00024 |
| | | | 0,30 | 0.0118 | 0.007 | 0.00028 |
| | | | 0,35 | 0.0138 | 0.007 | 0.00028 |
| | | | 0,40 | 0.0157 | 0.008 | 0.00031 |
| | | | 0,45 | 0.0177 | 0.008 | 0.00031 |
| | | | 0,50 | 0.0197 | 0.009 | 0.00035 |
| | | | 0,55 | 0.0216 | 0.009 | 0.00035 |
| 0,60 | 0.0236 | 0.011 | 0.00043 | | | |
| 0,65 | 0.0256 | 0.011 | 0.00043 | | | |
| 0,70 | 0.0276 | 0.011 | 0.00043 | | | |
| 0,75 | 0.0295 | 0.011 | 0.00043 | | | |
| 0,80 | 0.0315 | 0.013 | 0.00051 | | | |
| 0,85 | 0.0335 | 0.013 | 0.00051 | | | |
| 0,90 | 0.0354 | 0.013 | 0.00051 | | | |
| 0,95 | 0.0374 | 0.013 | 0.00051 | | | |
| 1,00 | 0.0394 | 0.013 | 0.00051 | | | |

