



Table of Contact Angles

The table of contact angles shown here gives nominal values under no load.

Table of Contact Angles α_o^*

| BALL SIZE D_b | RADIAL PLAY CODE | | |
|--------------------|------------------|---------|---------|
| | P25 | P58 | P811 |
| .025 | 18° | 24 1/2° | 30° |
| 1/32 & 0.8 mm | 16 1/2° | 22° | 27° |
| 1 mm | 14 1/2° | 20° | 24° |
| 3/64 | 14° | 18° | 21° |
| 1/16 | 12° | 16° | 19° |
| 3/32 | 9 1/2° | 13° | 15 1/2° |
| 1/8 | 12 1/2° | 17° | 20° |
| 9/64 | 12° | 16° | 19 1/2° |
| 5/32 | 11° | 15° | 18 1/2° |
| 3/16 | 10° | 14° | 16 1/2° |

*The contact angle is given for the mean radial play of the range shown, i.e., for P25 (.0002 to .0005), contact angle is given for .00035.