

Table V ISO Outer Race O.D. Tolerances

| BEARING O.D. | | O.D. TOLERANCE | | | | | |
|--------------|---------|----------------|--------|--------|--------|--------|--------|
| B | | NORMAL | | P6 | | P5 | |
| OVER | INCL. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. |
| mm/In. | mm/In. | mm/In. | mm/In. | mm/In. | mm/In. | mm/In. | mm/In. |
| 80 | 120 | -.015 | 0 | -.013 | 0 | -.010 | 0 |
| 3.1496 | 4.7244 | -.0006 | 0 | -.0005 | 0 | -.0004 | 0 |
| 120 | 150 | -.018 | 0 | -.015 | 0 | -.011 | 0 |
| 4.7244 | 5.9055 | -.0007 | 0 | -.0006 | 0 | -.0004 | 0 |
| 150 | 180 | -.025 | 0 | -.018 | 0 | -.013 | 0 |
| 5.9055 | 7.0866 | -.0010 | 0 | -.0007 | 0 | -.0005 | 0 |
| 180 | 250 | -.030 | 0 | -.020 | 0 | -.015 | 0 |
| 7.0866 | 9.8425 | -.0012 | 0 | -.0008 | 0 | -.0006 | 0 |
| 250 | 315 | -.035 | 0 | -.025 | 0 | -.018 | 0 |
| 9.8425 | 12.4016 | -.0014 | 0 | -.0010 | 0 | -.0007 | 0 |
| 315 | 400 | -.040 | 0 | -.028 | 0 | -.020 | 0 |
| 12.4016 | 15.7480 | -.0016 | 0 | -.0011 | 0 | -.0008 | 0 |
| 400 | 500 | -.045 | 0 | -.033 | 0 | -.023 | 0 |
| 15.7480 | 19.6850 | -.0018 | 0 | -.0013 | 0 | -.0009 | 0 |
| 500 | 630 | -.050 | 0 | -.038 | 0 | -.028 | 0 |
| 19.6850 | 24.8031 | -.0020 | 0 | -.0015 | 0 | -.0011 | 0 |
| 630 | 800 | -.075 | 0 | -.045 | 0 | -.035 | 0 |
| 24.8031 | 31.4961 | -.0030 | 0 | -.0018 | 0 | -.0014 | 0 |
| 800 | 1000 | -.100 | 0 | -.060 | 0 | -.050 | 0 |
| 31.4961 | 39.3701 | -.0039 | 0 | -.0024 | 0 | -.0020 | 0 |
| 1000 | 1250 | -.125 | 0 | -.075 | 0 | -.063 | 0 |
| 39.3701 | 49.2126 | -.0049 | 0 | -.0030 | 0 | -.0025 | 0 |
| 1250 | 1600 | -.160 | 0 | -.090 | 0 | -.080 | 0 |
| 49.2126 | 62.9921 | -.0063 | 0 | -.0035 | 0 | -.0031 | 0 |
| 1600 | 2000 | -.200 | 0 | -.115 | 0 | -.100 | 0 |
| 62.9921 | 78.7402 | -.0079 | 0 | -.0045 | 0 | -.0039 | 0 |
| 2000 | 2500 | -.250 | 0 | -.135 | 0 | -.125 | 0 |
| 78.7402 | 98.4252 | -.0098 | 0 | -.0053 | 0 | -.0049 | 0 |

Outer Race Width Tolerance is the same as that of the Inner Race of each bearing.

ISO Normal is comparable to ABEC/RBEC-1;
P6 with ABEC/RBEC-3;
P5 with ABEC/RBEC-5.

Tables IV and V Apply to bearing types:
Deep Groove Ball, Metric & Inch
Angular Contact, Metric
ISO Cylindrical
Domestic Cylindrical
Inch Cylindrical
Journal Metric and Type AT
Line Shaft Cylindrical
Table Roll Cylindrical
4 Row Cylindrical
4 Row Tapered Bore, except Bore
Ball Thrust, Metric
Cylindrical Roller Thrust, Metric
Double Acting V-Flat