

THIN SECTION PRODUCTS

Thin Section Bearings



Benefits of Design:

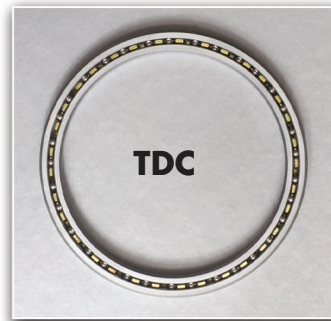
- Small cross section
- Multi load capabilities
- Several variations of cross sections and sizes
- High stiffness
- Light weight

Specifications:

- Product capability 1" to 40" bore size.
- Metric dimensions can be supplied upon request.
- Standard product manufactured to ABEC 1 classifications. Product also available in ABEC 3 precision class. Limited ABEC 5 precision available.
- Custom bearings are available upon request. Minimum orders may apply.

Applications:

- Medical
- Machine Tool
- Packaging
- Robotics
- Military
- Material Handling
- Textile Machinery
- Optical Equipment



Material:

- R - 52100 Bearing Steel, no seals or shields
- RM - M50 Tool Steel, no seals or shield
- RN - 52100 Bearing Steel, no seals or shields, Thin Dense Chrome Plating
- RS - 440C Stainless Steel, no seals or shields
- RX - 52100 Bearing Steel, with ceramic balls, no seals or shields
- RY - 440C Stainless Steel, with ceramic balls, no seals or shields
- RH - 52100 Bearing Steel, one seal (Buna/PTFE)
- RJ - 52100 Bearing Steel, two Buna rubber seals
- RL - 52100 Bearing Steel, two seals (Buna/PTFE), Thin Dense Chrome Plating
- RW - 440C Stainless Steel, two Buna rubber seals
- RB - 52100 Bearing Steel, two PTFE seals
- RE - 52100 Bearing Steel, two PTFE shields
- RU - 440C Stainless Steel, two PTFE seals
- RV - 440C Stainless Steel, two PTFE shields

Radial Thickness:

- AA - 0.187 x 0.187
- A - 0.250 x 0.250
- B - 0.312 x 0.312
- C - 0.375 x 0.375
- D - 0.500 x 0.500
- F - 0.750 x 0.750
- G - 1.000 x 1.000
- U - 0.375 x 0.500

Separator:

- D - Snap-over cage / phenolic laminate
- F - None (full complement)
- G - Circular pocket / nylon
- H - Circular pocket / phenolic laminate
- L - Snap-over cage / nylon
- P - Snap-over cage / brass
- R - Circular pocket / brass
- T - Snap-over cage / stainless steel
- U - Circular pocket / stainless steel
- Z - Other (toroids, spacer balls, etc.) / as specified

Type:

- A - Angular contact single bearing
- B - Back-to-back angular contact duplex pair
- C - Radial contact
- F - Face-to-face angular contact duplex pair
- T - Tandem angular contact duplex pair
- X - Four-point contact

Precision Class:

- 0 - ABEC 1F
- 3 - ABEC 3F
- 4 - ABEC 5F

Thin Section Bearings Medital Novelty

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