

SYMBOLS

| | | Page |
|--------------------------|---|------|
| AIG | A Needle. | 77 |
| AR | Roller thrust bearing – one retained plate. | 113 |
| ARNB | Precision combined bearing with adjustable preload using roller thrust bearings. | 147 |
| ARNBT | Combined bearing ARNB with screw locations. | 147 |
| ARZ | Roller thrust bearing – two retained plates. | 113 |
| AX | Needle thrust bearing – one retained plate. | 113 |
| AXJ | Special needle thrust bearing for high speed. | 114 |
| AXNA | Precision combined bearing with adjustable preload using needle thrust bearings. | 147 |
| AXNAT | Combined bearing AXNA with screw locations. | 147 |
| AXNB | Precision combined bearing with adjustable preload using needle thrust bearings. | 147 |
| AXNBT | Combined bearing AXNB with screw locations. | 147 |
| AXZ | Needle thrust bearing – two retained plates. | 113 |
| | | |
| B | B Needle cage, one-piece with one row of needles. | 37 |
| BB | Needle cage, one-piece with two rows of needles. | 37 |
| ...B6 | Convex outer diameter for RNA 11 000 series cam followers. | 85 |
| BIC | Cylindrical inner ring with lubrication holes for full complement needle bearings type RNA. | 167 |
| BICG | Wide cylindrical inner ring with lubrication holes for full complement needle bearings type RNA 1000, 2000 and 3000 series. | 167 |
| BIG-BIK | Wide cylindrical inner ring without lubrication hole for full complement needle bearings type RNA 1000, 2000 and 3000 series. | 167 |
| BIP | Wide cylindrical inner ring without lubrication hole for full complement needle bearings type RNA 1000 series. | 167 |
| ...BIR | Full complement needle bearing type NA with special convex inner ring. | 64 |
| BK | Caged needle bush, closed-end, according to ISO tolerances. | 25 |
| ...BP | Needle roller with flat ends. | 77 |
| ...BR | Needle roller with round ends. | 77 |
| | | |
| ...C2, C3, C4, C5 | C Radial play groups for complete bearings with inner rings. | 44 |
| CN-CNS | Needle bush closed-end with full complement grease retained needles. | 25 |
| CP | Plate for needle thrust bearing, roller thrust bearing (light series) and combined bearing. | 170 |
| CPN | Plate, machine-tool quality. | 170 |
| CPR | Plate for roller thrust bearing (heavy series) and 812 series. | 170 |
| CPT | Overthick thrust plate | 114 |
| | | |
| DB | D Caged needle bush, open. | 25 |
| DBF | Caged needle bush, closed-end. | 25 |
| DBFH | Needle bush DBF with lubrication hole. | 25 |
| DBH | Needle bush DB with lubrication hole. | 25 |
| ...DELTA | High precision needle roller bearing with adjustable play. | 57 |
| ...DER | Needle roller bearing with convex outer ring. | 63 |
| DG-DGX® | Deltaflex bearing for steering column. | 175 |
| DL | Full complement needle bush, open. | 25 |
| DLF | Full complement needle bush, closed-end. | 25 |
| DLFH | Needle bush DLF with lubrication hole. | 25 |
| DLH | Needle bush DL with lubrication hole. | 25 |
| | | |
| ...E | E Seal incorporated one side. | 25 |
| ...EE | Seals incorporated on two sides. | 85 |
| ...EEM | Metal seals incorporated on two sides. | 85 |
| ET | Sealing ring. | 161 |

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| FG | Cam follower with non-separable outer and inner rings. Convex outer ring. | 85 |
| FGL | Cam follower with non-separable outer and inner rings. Cylindrical outer ring. | 85 |
| FGU-FGUL | Roller cam follower. | 85 |
| | | |
| GC | Cam follower with stud. Convex outer ring. | 85 |
| GCL | Cam follower with stud. Cylindrical outer ring. | 85 |
| GCR | Eccentric cam follower with stud. Convex outer ring. | 85 |
| GCRL | Eccentric cam follower with stud. Cylindrical outer ring. | 85 |
| GCU-GCUL | Roller cam follower. | 85 |
| GCUR | Eccentric roller cam follower with stud. Convex Outer Ring | 85 |
| GCURL | Eccentric roller cam follower with stud. Cylindrical Outer Ring | 85 |
| GN | Grease nipple for cam follower with stud. | 88 |
| | | |
| HK | Caged needle bush, open, according to ISO tolerances. | 25 |
| Hm | Nut for cam follower with stud. | 88 |
| ...HT1, 2, 3, 4 | Stabilisation heat treatment for high temperature. | 12 |
| | | |
| IM | Cylindrical inner ring. | 163 |
| IMC | Cylindrical inner ring with lubrication hole. | 163 |
| | | |
| JL | Full complement needle bushes, open, inch dimensions. | 25 |
| JLF | Full complement needle bush, closed-end, inch dimensions. | 25 |
| JLFH | Needle bush JLF with lubrication hole. | 25 |
| JLH | Needle bush FL with lubrication hole. | 25 |
| | | |
| MB | Needle cage two-piece with one row of needles. | 38 |
| MBB | Needle cage two-piece with two rows of needles. | 38 |
| | | |
| NA | Full complement or caged needle bearing with inner ring. | 63 |
| NAR | Full complement self-aligning needle roller bearing, with inner ring. | — |
| NAW | Full complement inverted bearing. | 75 |
| NB | Caged needle bearing without inner ring. | 43 |
| NBI | Caged needle bearing with inner ring. | 43 |
| NE | Special product, deep drawn raceway. | — |
| NG | Special product, tooled raceway. | — |
| NH | Special product, both types raceway. | — |
| | | |
| OB | Plug for cam follower with stud. | 88 |
| | | |
| ...P | Needle bush DB, DL and derivatives, or inner rings IM and IMC, according to ISO tolerances. | 25 |
| ...P6, P5, P4 | Precision tolerance codes for inner and outer rings. | 44 |
| PM | Intermediate plate for needle or roller thrust bearing, light series. | 113, 126, 170 |
| PMH | Intermediate plate with lubrication hole for needle or roller thrust bearing, light series. | 113, 126, 170 |

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| ...R6 | R Convex inner ring raceway. | 64 |
| RAX 400 | Combined bearing with needle thrust cage. | 129 |
| RAX 500 | Combined bearing with roller thrust cage. | 129 |
| RAX 700® | Combined bearing with thin outer ring, open. | 129 |
| RAX 700® | Combined bearing with thin outer ring, closed- end. | 129 |
| RAXN 400, 500 | Combined bearing, machine-tool quality. | 130 |
| RAXNPZ 400, 500 | Combined bearing RAXN 400 or RAXN 500 with retained thrust plate. | 130 |
| RAXNTZ 400 | Combined bearing RAXN 400 with retained thrust plate. | 130 |
| RAXPZ 400 | Combined bearing RAX 400 with retained thrust plate. | 130 |
| RAXTZ 400 | Combined bearing RAX 400 with retained thrust plate. | 141 |
| RAXZ 500 | Combined bearing RAX 500 with retained thrust plate. | 129 |
| RNA | Full complement or cages needle bearing without inner ring. | 63 |
| RNAB | Cam follower 11 000 series, outer diameter crowned greater than ...B6. | 85 |
| RNAL | Cam follower 11 000 series, cylindrical outer ring. | 85 |
| RNAR | Full complement self-aligning needle roller bearing, without inner ring. | 176 |
| RT | Adjustment spring for Delta bearing. | 59 |
| | S | |
| (...s/Bi) | Old symbol for full complement bearing without inner ring. Replaced by RNA. | 63 |
| ...SGT | Needle bearing without lubrication groove and hole in outer ring. | 63 |
| SL | Full complement needle bush, grease retained needles, open. | 25 |
| ...TA | Radial play, precision applications. | 44–65 |
| ...TB | Radial play, selected from lower half of standard tolerance. | 44–65 |
| ...TC | Radial play, selected from upper half of standard tolerance. | 44–65 |
| ...TS | Special radial play for conditions of expansion. | 67 |
| | Z | |
| ...ZS | Reduced radial play for special conditions. | 44 |