

1. Material Special Processes	2. Series and Size Type	3. Bearing Type	4. Closures	5. Cages	6. Special Features	7. Radial Play	8. Bore + OD Tolerance Functional Test	9. Duplexing	10. Radial Runout	11. Calibration	12. Lubrication
S	R4		SS	W	X8	K5	VK			C	O-11
	R2	H						DB5	E		G-2
C30X	104		FF	T		3			E		G-33
	38	H						DL	R2		O-49
S AISI 440C rings and balls C Ceramic balls 30X AMS5898 rings M AISI M50 rings and balls A AISI 440C rings and balls (500 Series) BC Barrier coating P TCP coating of rings and balls V Denotes ABEC 5T for torque tube and extra thin series No symbol indicates SAE 52100 rings and balls Other materials are available on request Pages 63-64	R Inch series instrument R100 Inch series miniature R1000 Inch series extra thin 00M00 Metric series instrument 500 Inch series torque tube N500 Inch series torque tube - narrow width 30 Metric series spindle and turbine 100 Metric series spindle and turbine 200 Metric series spindle and turbine 300 Metric series spindle and turbine 1900 Metric series spindle and turbine 9000 Metric series S&T cartridge width FR Inch series instrument flanged FR100 Inch series miniature flanged RW Wide inner ring, instrument RW100 Wide inner ring, miniature Special bearings SCB Special customer bearing See product tables, pages 14-39	Deep Groove (None) Deep groove. G Gothic arch/split ring Angular Contact B Separable, relieved inner ring H Non-separable, relieved outer ring J Non-separable, relieved inner ring Pages 10-11	Deep Groove S Single shield SS Double shield A Single non-contact Barshield AA Double non-contact Barshield F Single Flexeal FF Double Flexeal U Single Synchro Seal UU Double Synchro Seal Y Single Barseal YY Double Barseal VV Double FKM Barseal PP Double Polyacrylic Barseal RS Single shield fitted into plain side of flanged bearing No symbol indicates an open bearing Angular contact Consult Barden Product Engineering Dept. Pages 70-71	Deep Groove W Stainless steel 2 piece ribbon loosely clinched TA Reinforced phenolic, one piece snap ZA PTFE hollow cylinders TB Bartemp® one piece snap self lubricating T Phenolic/aluminium 2 piece machined and riveted TMT Nylon one piece snap Angular Contact (B) Reinforced phenolic, one piece, designed to retain the balls in the outer ring (H) Reinforced phenolic, one piece, halo design (H)JB Bronze machined halo, light weight design for optimum capacity (H)JH Bronze machined halo, heavier section centred on ball pitch diameter (J)JJ Bronze pressed halo with formed pockets (_) indicates that the letter is already included in the nomenclature from section 3 Pages 66-69	Y Specific special feature code X200 Oil tight seal between shield and outer ring recess X204 Customer part number marked on bearings X205 Full of balls (no cage) X212 Ship rings & balls unassembled (no cage required) X216 Shield and snap wires shipped disassembled	Deep Groove K Separating symbol 2 See pages 74-75 for standard radial play tables for various sizes and types of bearings 25 0.0002"-0.0005" (0.005mm-0.013mm) 1117 0.0011"-0.0017" (0.028mm-0.043mm) Angular Contact Radial play in angular contact bearings is usually standardised by the design Pages 74-75	V Low torque assured VK Very low starting torque assured VM Very low running torque assured VT Individual torque trace supplied to VM limits Page 111	Deep groove DB Back to back mounting DF Face to face mounting DT Tandem mounting XX xx is the mean preload specified in pounds Angular Contact DB Back to back mounting DF Face to face mounting DT Tandem mounting D Universal mounting DS Single Universal mounting L Light Preload M Medium Preload H Heavy Preload Pages 84-85	E Special radial runout R Inner ring marked for high point of radial runout R1 Outer ring marked for high point of radial runout R2 Both rings marked for high point of radial runout Page 97	C Bore and OD in 0.0001" (0.0025mm) steps C44 Bore and OD in 0.00005" (0.00125mm) steps CXO Bore only calibrated in 0.0001" (0.0025mm) steps C4X Bore calibrated in 0.00005" steps, OD calibrated in 0.0001" steps CM Bore calibrated in 1 microns steps Pages 127-128	O-__ Oil OJ-__ Oil G-__ Grease GJ-__ Grease Frequently used oils O-11 Winsorlube L-245X O-28 Mobil Spectrasyn 6 O-49 Exxon Turbo Oil 2380 OJ-201 Aeroshell Fluid 12 Frequently used greases GJ-252 Royco 27 (NVE 710R) G-33 Mobil Grease 28 G-44 Castrol Braycote 601 EF GJ-204 Aeroshell Grease 7 GJ-264 Kluber Asonic GHY 72 Pages 88-95