



New Hampshire Ball Bearings, Inc.
 MinebeaMitsumi Group

**NHBB Engineering and Quality Specification Revision Control List for Suppliers.
 Precision Division - Chatsworth**

Engineering Spec Number	Revision	Document Title
SB1	AL	Identification and Procurement of Balls
SB2	OBSOLETE	Purchase Specifications - Balls - 440C
SB3	OBSOLETE	Purchase Specifications - Balls - 52100
SB4	OBSOLETE	Purchase Specifications - Balls - 440C (TIC Coated)
SB5	OBSOLETE	Purchase Specification - Balls - BG42
SB6	OBSOLETE	Purchase Specification - Balls - Ceramic
SB7	A	Purchase Specification - GR3 Superfinish - Balls - 440C
SB8	NC	Purchase Specification - Balls - M50
SB9	NC	Purchase Specification - Balls – Stellite®
SL3	L	Dry-Film Lubrication of Instrument Bearing Components
SM3	OBSOLETE	Material Procurement Specification for AISI 440 Stainless Steel
SM6	OBSOLETE	Material Procurement Specification for Vacuum Melt AISI Stainless Steel Bars
SM7	D	Material Procurement Specification for AISI 305 Stainless Steel
SM8	D	Material Procurement Specification for AISI 410 Stainless Steel
SM10	E	Material Procurement Specification for AISI 302 AND 304 Stainless Steel
SM17	F	Material Procurement Specification for AISI 302 (SAE 30302) Stainless Steel Spring Wire
SM19	H	Procurement Specification for Linen Base Rolled Phenolic Material- FINE Weave
SM21	G	Procurement Specification for Paper Base Rolled Phenolic Material
SM 22	Q	Identification and Procurement of Metallic Bar Stock
SM24	OBSOLETE	Material Procurement Specification for 440C Stainless Steel Powder Metal and Hip'ed
SM25	OBSOLETE	Material Procurement Specification for Air Melt AISI 52100 Steel Bars
SM26	C	Purchasing Specification - Fortified Polytetrafluoroethylene (PTFE)
SM27	D	Purchasing Specification – Delrin® (POM, ACETAL)
SM28	OBSOLETE	Material Procurement Specification for 360 Free-Cutting Brass
SM29	OBSOLETE	Material Procurement Specification for 2011-T3 Aluminum
SM30	C	Procurement Specification for Linen Base Rolled Phenolic Material-MEDIUM Weave
SM31	C	Material Procurement Specification for DD400 Martensitic Stainless Steel
SM32	B	Material Procurement Specification- Polyamide-Imide
SM33	D	Phenolic Material Procurement
SM34	OBSOLETE	Material Procurement Specification AISI 430F Stainless Steel
SM35	A	Procurement Specification for Linen Base Pressure Cured Phenolic Material
SM36	OBSOLETE	Material Procurement Specification for VIM/VAR AISI 52100 Steel Bars
SM37	OBSOLETE	Material Procurement Specification for VIM/MAR M-50 Steel Bars
SM38	OBSOLETE	Specification for 4340, Consumable Vacuum Melted, Heat Treated Material
SO89	33	Cadmium Plating of 52100 Material (Inners and Outers)
SO90	25	Cadmium Plating of 440C Material (Inners and Outers)
SO94	F	Electro-Deposition of Thin, Dense, Nodular Chrome Plate
SO95	B	Silver Plated Retainer Specification
SO 139	8	Zinc Nickel Plating
SO 197	2	Nickel Plating of 52100 Material (Inners and Outers)
SO204	0	Cad Plating .0003 -.0005" Thick of 52100 Material (Inners and Outers)

Quality Specification Number	Revision	Document Title
Q.P. 8.3.6	C	Supplier Quality Manual
Q.I. 7.4.3.11	I	Process Flow, Handling and Cadmium Plating Acceptance Standards-Air Frame
Q.I. 7.4.3.15	B	Process Flow, Handling and Zinc Nickel Plating Acceptance Standards
Q.I. 7.4.3.16	NC	Process Flow, Handling and Nickel Plating Acceptance Standards

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Revised as of 1/8/2025. Please see your Purchasing Representative for the most updated version

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