

DEEP GROOVE BALL BEARING



MANUFACTURING PROCESS FLOW CHART

KOYO SEIKO CO., LTD.

(This chart shows a example for small size single row deep groove ball bearing)

OUTER RING

RAW MATERIAL FORGING



Outer and Inner ring are separated after one piece forging

TURNING



Turning → Marking
Seal / Shield Groove Machining

Heat Treatment

GRINDING



RACEWAY SUPER FINISHING



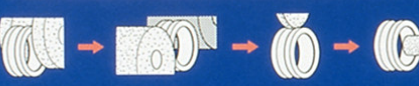
INNER RING

TURNING



Heat Treatment

GRINDING



RACEWAY SUPER FINISHING



Washing
Appearance Inspection

ASSEMBLY



Washing
Clearance Inspection
SEAL / SHIELD ASSEMBLY



Noise Inspection
Final Inspection
Rust Prevention

PACKAGING



BALL

RAW MATERIAL FORMING

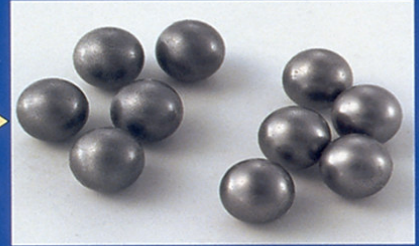


FLASHING



Heat Treatment

GRINDING



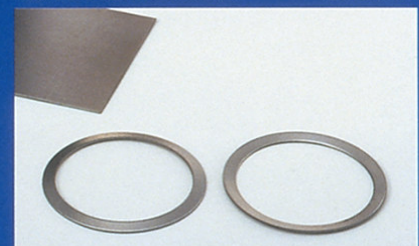
Rough Grinding → Finishing Grinding

LAPPING



CAGE

RAW MATERIAL BLANK



PRESS FORMING RIVET HOLE PUNCHING OFF



BARREL POLISHING



RIVET INSERTION



• VALUE & TECHNOLOGY

For any information regarding bearings, Please contact:

