PRECISION 440A STAINLESS STEEL HOLLOW BALLS

TECHNICAL BULLETIN

Features & Benefits:
• Light weight
• High Surface hardness
• Material fracture toughness
• High static and dynamic load capacities

Typical Uses:
• Aircraft ball transfer
• Liquid float systems
• Custom ball valves
• Calibration styli

Specifications:
• Weight - 21 grams
• Hardness - Rockwell "C" 54-60 MIL-H-6875
• Size - .994" to 1" Grade 1000 tolerance or higher
• Minimum crush strength - 6,000 lbs.

We can provide custom ball transfer systems to your specifications

Material Analysis – (Type 440A Stainless Steel)
Carbon .................................................................0.60 to 0.75%
Manganese .....................................................Maximum of 1.00%
Phosphorus .....................................................Maximum of 0.040%
Sulphur .............................................................Maximum of 0.030%
Silicon ..............................................................Maximum of 1.00%
Chromium ..........................................................16.00 to 18.00%
Molybdenum .....................................................Maximum of 0.75%
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