

Simply Bearings Ltd

Authorised Precision Ball and Roller Distributors in the UK

AISI 1010 Carbon Steel Data Sheet

Properties:

Hardness	95-105	
Density	0.284 lbs /in ³	
Tensile Strength	365,000 psi	
Yield Strength	305,000 psi	

Chemical Make Up %:

Carbon C	0.08 - 0.13 %
Manganese Mn	0.30 - 0.60 %
Phosphor P	0.040 % Max
Sulphur S	0.050% Max
Silicon Si	0.10 % Max
Iron Balance	

Synopsis:

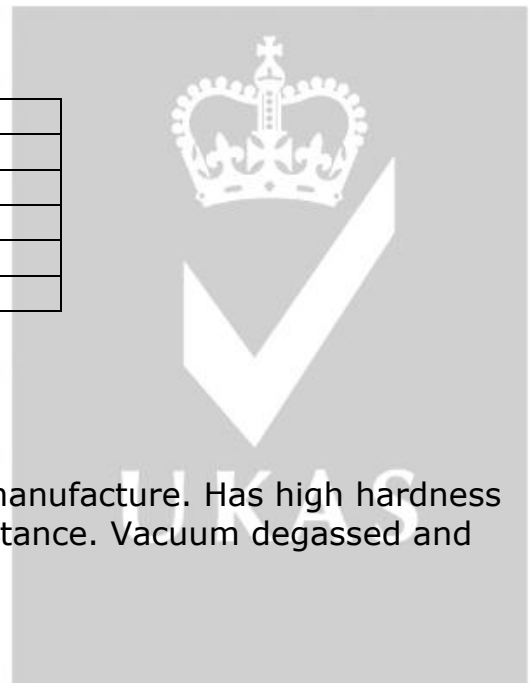
Oil hardened steel balls typically used for bearing manufacture. Has high hardness capability and excellent deformation and wear resistance. Vacuum degassed and uniformly through hardened in electric furnaces.

Typical Uses:

Bearing Manufacture, CV joints, ball screws, gauges.

Attracted to Magnets: Yes

Available Grades: 1000



Simply Bearings Ltd ~ Halton House, Greenfold Way, Leigh, Lancashire, WN7-3XJ
Tel 01942 269 837 Fax 01942 605 420

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