

BS1452 Grade 350 Cast Iron

BS1452 Grade 350 cast iron suppliers, delivering throughout the UK. Cast iron specification BS1452 Grade 350 is a continuous cast grey iron supplied in rounds and flats. This high grade heat treatable cast iron offers excellent strength and wear resistance in comparison to other lower strength cast iron grades. It is machineable in the supply condition and will machine to a good surface finish.

We welcome export enquiries for cast iron bar. Contact our sales office and consult our [shipping policy](#) for further details.

Related Specifications

BS EN 1561 EN16482 EN GJL 350 BS1452 DIN 1691 GG35 ISO 185 350

Alternative EN1561 Cast Iron Grades

[GJL200](#) | [GJL300](#) | [GJL350](#) | [Spheroidal Graphite Iron](#) | [GJS400-15](#) | [GJS500-7](#) | [GJS600-3](#)

Form of Supply

West Yorkshire Steel supply round bar and flat bar. Full bar lengths of 3 metres are available or we can offer cut lengths and sawn blanks to your required sizes.

- Flat
- Diameter

Applications

BS1452 Grade 350 is suited for applications where the cast iron requires excellent wearing characteristics and when components require a combination of strength and wear resistance superior to those of other softer cast iron grades. Typical applications include bearings, cams, bushes, pistons, gears and dies.

Analysis

Carbon	2.90-3.65%	Phosphorous	0.30% max
Manganese	0.60-0.80%	Sulphur	0.10% max
Silicon	2.10-2.90%	Iron	balance

Typical Properties

Typical Tensile
range of material
(subject to section)
N/mm²

Typical
Hardness
HB

225-315

235-300

Mechanical properties shown are typical and may vary subject to the size and section of this cast iron grade.

Certification

Cast Iron Grade BS1452 350 is available with a certificate of conformity, please request when placing any orders.

Quality Assured Supply

BS1452 Grade 350 Cast Iron is supplied in accordance with our ISO 9001:2015 registration.