

## EN GJS 400-15 SG Iron

**EN GJS 400-15 SG iron stockholders and suppliers, delivering to the whole of the UK.** West Yorkshire Steel are suppliers of continuously cast bar, available in diameters and flat sections. Sometimes referenced as a ductile iron EN GJS 400-15 is a spheroidal graphite iron that possesses impact, strength and ductile properties of a different type to that of grey cast iron grades, though with similar machining characteristics. For higher strength and ductile grades [EN GJS 500-7](#) or [EN GJS 600-3](#) may be suitable alternatives.

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

### Related Specifications

BS EN 1563 EN16482 EN GJS 400-15 60-40-10 65-45-12  
FGS420-12 SF400 SFP400 DIN 1693 ISO 185 250

### Alternative EN1561 Cast Iron Grades

[GJL200](#) | [GJL250](#) | [GJL300](#) | [GJL350](#) | [Spheroidal Graphite Iron](#) | [GJS500-7](#) | [GJS600-3](#)

## Form of Supply

Supplied as round bar and a limited size range in flat bar. EN GJS Grade 400-15 diameters and flats are available in 3 metre bar lengths and can be sawn to cut lengths to your requirements.

- Diameter

## Applications

EN GJS 400-15 SG iron is suitable for applications where the electrical conductivity, optimal impact, fatigue and magnetic permeability features of a spheroidal graphite iron (SG iron) is required. Typical applications include dies, pistons, valves and moulds.

## Analysis

Carbon	3.40-3.85%	Phosphorous	0.10% max
Manganese	0.10-0.30%	Sulphur	0.02% max
Silicon	2.30-3.10%	Magnesium	0.07% max
		Iron	balance

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## Typical Properties

Typical Tensile Strength N/mm <sup>2</sup>	Typical Elongation %	Typical Hardness HB
400	15	120-180

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

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## Certification

EN GJS 400-15 SG Iron is available with a certificate of conformity, please request when placing any orders.

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## Quality Assured Supply

EN GJS SG Iron to grade 400-15 is supplied in accordance with our ISO 9001:2015 registration.