

STEEL



LIBERTY

Semi-Finished Products

Engineered for versatility

Liberty Speciality Steels produce high quality steel grades using our Electric Arc Furnaces. Our cast products meet international and national standards as well as tailored customer requests. These can be supplied in the form of Small or Large Bloom Cast or Ingot.

All our semi-finished products undergo extensive checks and inspection processes to ensure everything we offer conforms to our customer's requirements. Our products are used in multiple applications worldwide within a range of supply chains.

MEMBER OF



Product offering

- Low and Medium Carbon Free-cutting Steels
- Carbon Manganese Steels
- Boron Treated Steels
- Case Carburising Steels
- Micro Alloy Steels
- Alloy Through Hardening Steels
- Nitriding Steels
- Enhanced Machinability Steels, including leaded variant steels
- Stainless Steels
- Free cutting steels

As cast supply

Type	Height (mm)	Width (mm)	Length (mm)	Weight (t)
Large bloom	560	400	2,040 - 5,750	3.50 - 9.86
Small bloom	140	140	8,000 - 13,000	1.22 - 1.98
Small bloom	180	180	8,000 - 13,000	2.02 - 3.27

Type	Top (mm ²)	Bottom (mm ²)	Length (mm)	Weight (t)
Square ingot	653	490	2310	5.4
Square ingot	721	500	2285	6.6
Ingot (Round –Multi fluted)	619	598	3000	6.1
Ingot (Round –Multi fluted)	722	700	3000	8.3
Ingot (Round –Multi fluted)	860	845	3220	12.80
Ingot (Polygon – 12 sided)	1125	940	3320	13.0

Remelt	Top (mm)	Bottom (mm)	Length (mm)	Weight (t)
VAR Round	660	660	1750	4.3
VAR Round	760	760	1900	5.9
VAR Round	915	915	2200	8.2
ESR Round	635	635	1950	4.3
ESR Round	700	700	1850	4.3

Accreditations

IATF 16949

ISO 9001

ISO 14001

Technical support

We have a comprehensive technical support team available to advise on grade selection and product range to achieve the maximum benefit. Customer Technical support provide specialist advice and help with day-to-day problem solving.

Works based metallurgists and the full resources of our Steel Research and Development Laboratories are available to assist with longer-term developments.

For further information, enquiries or any technical guidance on our range of products please contact our experts using the details below.

Please note: as-cast products are all supplied in air-cooled condition.

LIBERTY SPECIALITY STEELS

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