Contact: **01937 584440**
sales@westyorkssteel.com

Engineering Steel

Engineering steel grades are used widely for applications requiring high tensile properties

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Engineering steel specifications, stockholders and suppliers delivering to the whole of the UK. West Yorkshire Steel are suppliers of engineering steel grades in round bar, flat bar and steel plate. Engineering steel grades are commonly alloy steels which can be heat treated to achieve a wide range tensile strengths and mechanical properties. Engineering steel grades are used widely for applications requiring high tensile properties, such as shafts, gears, bolts, axles etc.

If you do no find the engineering steel specification you require on our web site please contact our sales team who may be able to assist you with your enquiry.

We welcome export enquiries for engineering steel. Contact our sales office and consult our shipping policy for further details.

Popular grades we supply

EN16T | EN19T | EN24T | EN26W | EN30B | EN31 | EN32 | EN36 | EN40B | EN41B |

605M36T | 709M40T | 708M40T | 817M40T | 826M40W | 835M30 | 535A99 | 655M13 | 722M24 | 905M39 | 42CrMo4

4130 | 4140 | 4145 | 4330V | 4340 | 8620 | 6150

Form of Supply

Our stocks of engineering steel specifications are in round bar, flat bar and cut plate. Diameters and flats can be supplied as full bar lengths or cut pieces. Diameters in engineering steel grades can be precision ground to tight tolerances.

Contact our experienced sales team who will assist you with your enquiry.

- Flat
- Diameter

Specifications

Below we list our range of engineering steel. If you do no find the specification you require on our web site please contact our experienced sales team who may be able to assist you with your enquiry.

BS970	BS EN 10083-1	Werkstoff	DIN
BS970	BS EN 10083-1	Werkstoff	DIN
EN14	150M19	1.6582	34CrNiMo6
EN16	605M36	1.7225	42CrMo4
EN16T	709M40	1.6747	30NiCrMo16-6
EN19	708M40	1.6745	40NiMoCr10 5
EN19T	817M40		
EN24	826M40		
EN24T	835M30		
EN26	535A99		
EN26W			
EN30B			
EN31			

Heat Treatment

When hardening engineering steel grades consideration should be given to heat treatment temperatures, including rate of heating, cooling and soaking times etc. as these may vary due to factors such as the shape and size of each engineering steel component. Other considerations during the heat treatment process include the type of furnace, quenching medium and work piece transfer facilities. Please consult your heat treatment provider for full guidance on heat treatment of engineering steel grades.

Welding

We recommend that you contact your welding consumables supplier who should provide you full assistance and information on welding engineering steel grades.

Certification

Engineering steel is commonly available with a cast and analysis certificate or a BS EN 10204 3.1 mill certificate, please request when placing any orders.

Quality Assured Supply

All our steel specifications are supplied in accordance with our ISO 9001:2015 registration.