

Aerospace Steel Grades & Specifications

Steel plays an important role in the aerospace industries, these quality grades provide numerous properties certified to high standards.

Our range of aerospace specifications are offered in hot rolled and cold rolled bar. Aerospace grades offer a wide range of specific characteristics matching the requirements of the industry. Maraging steel grades offer high strength with good toughness. Alloy steel grades offer high strength and yield with good heat treatment capabilities such as through hardening, nitriding and case hardening. Stainless steel grades provide good corrosion resistance with some grades suitable for heat treatment.

Grades supplied conform to various national and international standards including British Standard 'S' and American AMS grades.

West Yorkshire Steel are stockholders and suppliers of round bar in various alloy steel and stainless steel type grades. All material is available fully certified with mill certification.

For guidance purposes the table below provides information on comparative specifications. Please contact our sales team for prices and availability

BS Spec	U.S.A (AMS)	Similar German W-Nr	Similar French AFNOR	Rolls Royce MSRR	Similar General Engineering	Related Specifications
S99		1.6745			826M40	
S135	6440	1.3505	100C6	6013	535A99	
S151	5719	1.4939	Z12CNDV12	6503		Jethete M152
S155	6419					300M 4340M
S162	6512	1.6359	EZ2NKD18	6551		Maraging 250
	5629					PH13-8Mo
	5643	1.4542	Z6CNU17.04	6601		17-4PH
	5659	1.4545	EZ6CNU15.05			15-5PH
	6414				4340VAR	
	6265				9310VAR	
	6411				4330M	
			35NCD16			

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If the specification you require is not listed, please e-mail us with the full specification and details of your required sizes and quantities.

We're here to help with those 'hard to find' steel grades.