

## High Tensile Steels

Interlloy Grade	Nearest Related Specification	Typical Composition (%) & Properties						Description & Applications
		C	Si	Mn	Ni	Cr	Mo	
<a href="#">4140</a>	AS1444-1996 4140 BS970-1955 EN19A BS970 Part 3-1991 709M40 ASTM A29/29M 1991 4140 SAE/AISI 4140	.41	.30	.85		1.0	.20	General purpose high tensile steel for components, such as axles, shafts, bolts, gears and drill rods
<a href="#">4340</a>	AS1444-1996 4340 BS970-1955 EN24 BS970 Part 3-1991 817M40 ASTM A29/29M 1991 4340 SAE/AISI 4340	.41	.25	.70	1.80	.80	.25	Highly stressed components such as gears. Alternative to EN25, EN26 in smaller sizes.
<a href="#">EN25</a>	AS1444-1996 X9931 BS970-1955 EN25 BS970 Part 3-1991 826M31	.31	.30	.60	2.50	.65	.50	Highly stressed shafts and gears in larger sizes.
<a href="#">EN26</a>	AS 1444-1996 X9940 BS970-1955 EN26 BS970 Part 3-1991 826M40	.40	.30	.60	2.50	.65	.50	As EN25 and also suitable where high surface pressure exists.

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