

Case Hardening Steels

Interlloy Grade	Nearest Related Specification	Typical Composition (%) & Properties						Description & Applications
		C	Si	Mn	Ni	Cr	Mo	
8620	AS1444-1996 8620+8620H BS970-1955 EN362 BS970 Part 3-1991 805M20 ASTM A29/A29M-1991 8620 SAE/AISI 8620	.20	.25	.80	.50	.50	.20	General purpose case hardening steel for lightly stressed components.
X4317	AS1444 - 1996 X4317/X4317H DIN17210:17CrNiMo6 W.Nr 1.6587 BS970: PART 3: 1991 820M17/822M17 BS970: 1955 - EN354/EN355	.18	.20	.50	1.60	1.65	.30	Case hardening steel for medium to high core strength applications.
EN36A	AS1444-1996 X3312 & X3312H BS970-1955 EN36A BS970 Part 3-1991 655M13 SAE 3310 SAE 9310 AISI E3310 AISI E9310	.13	.25	.50	3.4	.80		Case hardening steel for medium to high core strength applications, in relatively large sections with excellent toughness and fatigue resistance.

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