

X4317 (17 CrNiMo6 & 18 CrNiMo7-6) ALLOY CASE HARDENING STEEL

RELATED SPECIFICATIONS:

Australia	AS 1444-2007 X4317/X4317H
Europe	EN 10084 18CrNiMo7-6
Germany	W.Nr 1.6587
	DIN 17210 17CrNiMo6
Great Britain	BS970 – Part 3: 1991 820M17/822M17
	BS970 – 1955 EN354/EN355
USA	SAE 4317
	AISI 4317

DESCRIPTION:

X4317 now complies to both European Standards 17CrNiMo6 (DIN 17210) and 18CrNiMo7-6 (EN10084) and are both described under Material No. 1.6587. X4317 is a high core strength case hardening steel combining core toughness and high case hardness after carburising and quenching. Typical core strength up to Rc44 carburised, hardened and tempered.

APPLICATIONS:

Heavy duty bushings and bearings, pump shafts, tappets, compressor bolts and gear parts exposed to heavy stresses and wear conditions.

TYPICAL CHEMICAL ANALYSIS:

C %	Si %	Mn %	Cr %	Ni %	Mo %
0.18	0.25	0.50	1.65	1.55	0.30

SIZES AVAILABLE:

Round: (mm)

20	25	27	33	40	50	51.5	54	55	60	65	70	75	80	90
100	110	120	130	140	150	160	175	180	185	200	220	230	240	260
272	280	290	300	310	320	330	340	350	360	380	400	430	450	460
480	500	530	550	610	710									

COLOUR CODE: BLACK / WHITE / SIGNAL RED END

