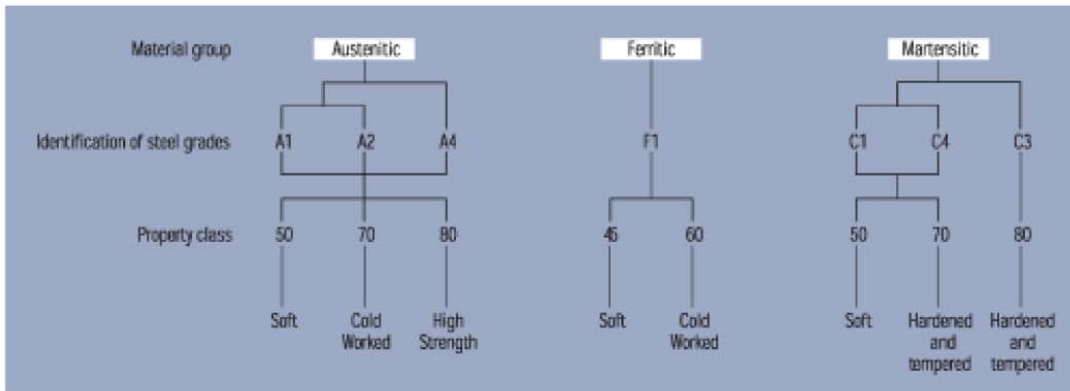
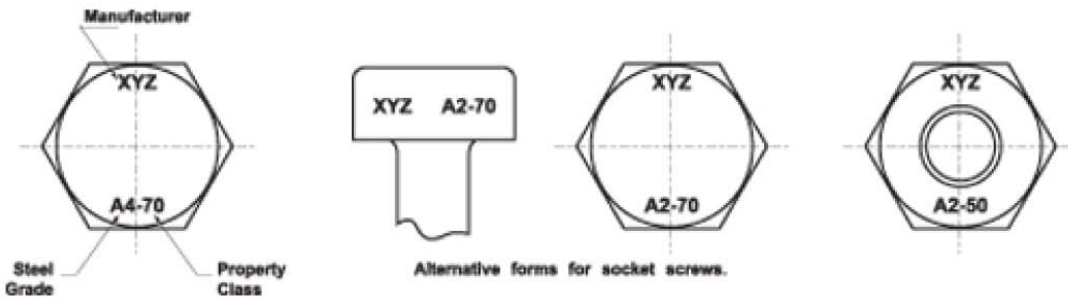


Identification Markings / Mechanical Properties—Stainless Steel



A4-70

A = Austenitic steel (300 series)
 1 = Free cutting stainless steel
 2 = Cold formed stainless steel containing mainly chromium and nickel
 4 = Cold formed stainless steel containing mainly chromium and nickel and molybdenum
 Indicates the strength (property) class
 50 = 1/10 of the tensile strength min 500 Mpa (approx 72000 psi)
 70 = 1/10 of the tensile strength min 700 Mpa (approx 101000 psi)
 80 = 1/10 of the tensile strength min 800 Mpa (approx 116000 psi)
 Applies for sizes up to M20 only.

Property Classes and Tensile Strength

Grades	Property Classes	Tensile Strength Rm. M.Pa (N/mm ²) min.	Yield Stress Pp 0.2 M.Pa (N/mm ²) min.	Elongation A1 min.
A2 and A4	50	500	210	0.6d
	70	700	450	0.4d
	80	800	600	0.3d

Points to Note

Product markings are not uniform over all stainless fasteners.

Where A2 and A4 are used without property class, assume it is lowest strength grade unless supplied with a certificate.

A2 and A4 may be replaced with 304 or 316

'M' used in Australia on non-stainless product to indicate metric is not consistently used on stainless.