

MECHANICAL OR PHYSICAL PROPERTIES OF BOLTS

A2-70 (SS304) & A4-80 (SS316)

STEEL GRADE	
A2	SS304
A4	SS316

Example:
 A2 - 80
 A = austenitic steel
 2 = type of alloy within group A
 80 = tensile strength of at least 800 N/mm²

Steel Group	Steel Grade	Strength Class	Screws		
			Tensile Strength (N/mm ²) Min	0.2% Yield Strength (N/mm ²) Min	Elongation At Fracture A ² (mm) Min
Austenitic	A1, A2, A3, A4 and A5	50	500	210	0.6 d
		70	700	450	0.6 d
		80	800	600	0.6 d

