

TYPE	STANDARD	GRADE	thickness : t mm.	CHEMICAL COMPOSITION (max)											Tension Test				OTHER TEST		
				Yield Point min		Tensile Strength		Elongation min		Yield Point min		Tensile Strength		Elongation min							
				thick : t mm.	Kgf / mm ² [MPa, N / mm ²] (ksi)	thick : t mm.	Kgf / mm ² [MPa, N / mm ²] (ksi)	thick : t mm.	Transverse	thick : t mm.	Kgf / mm ² [MPa, N / mm ²] (ksi)	thick : t mm.	Transverse	thick : t mm.	Transverse						
Carbon Structural Steel	ASTM A36 (2005)	A36	t ≤ 20	0.25	0.40	-	0.040	0.050	0.20	-	-	-	-	-	t ≤ 200	25.5 [250] (36)	t ≤ 200	41 - 56 [400 - 550] (58 - 80)	t ≤ 200 ²⁾	20	Supplement ary requiremen ts shall not apply unless specified
			20 < t ≤ 40			0.80-1.20 ³⁾															
			40 < t ≤ 65			0.15															
			65 < t ≤ 100			-															
			t > 100			0.40															