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BRITISH STANDARD 15 : 1948 1 Amdt

+ PD 3346 Sup. by 1961 issue

STRUCTURAL STEEL



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PD 3346

Amendment No. 1, published 15 April, 1959
to B.S. 15 : 1948
Structural steel

Revision

Clause 5. Tensile test. Add at the end of the first paragraph the following sentence: 'For beams and channels, the test piece shall be taken from the web.'

Table 1. Mechanical properties. Delete this table and substitute the table given overleaf:

TABLE 1. MECHANICAL PROPERTIES

	Nominal thickness		Tensile strength		Yield stress		Elongation minimum	
	in.	mm	ton/in. ²	kg/mm ²	ton/in. ²	kg/mm ²	per cent	Test piece
								A B B ₁ Gauge length 8 in.
Plates, sections (e.g. angles, tees, beams, channels, etc.) and flat bars (Note 1)	Below 1/4	Below 6.35	Bend tests only required					
	1/4 up to but excluding 3/8	6.35 up to but excluding 9.53	28-33	44.1-52.0	16.00	25.2	16	16
	3/8 up to and including 3/4	9.53 up to and including 19.05	28-33	44.1-52.0	16.00	25.2	20	20
	over 3/4 up to and including 1 1/2	over 19.05 up to and including 38.1	28-33	44.1-52.0	15.00	23.6	20	20
	over 1 1/2	over 38.1	28-33	44.1-52.0	14.75	23.2	20	20
Rounds and square bars (other than rivet bars) (Note 2)	Below 3/8	Below 9.53	Bend tests only required					
	3/8 up to and including 3/4	9.53 up to and including 19.05	28-33	44.1-52.0	16.00	25.2	20	20
	over 3/4	over 19.05	28-33	44.1-52.0	15.00	23.6	20	24
Rivet bars (Note 2)	All sizes	All sizes	25-30	39.4-47.2	—	—	26	30