

NOMINAL <sup>a</sup>					SPECIFIED				
Steel name	Steel number	Diameter	Tensile strength $R_m$	Cross-sectional area $S_n$	Mass per metre $M$	Permitted deviation on mass per metre	Characteristic value of maximum force $F_m$	Maximum value of maximum force $F_{m,max}$	Characteristic value of 0.1% proof force $F_{p0,1}$
		mm	MPa	mm <sup>2</sup>	g/m	%	kN	kN	kN
Y1860S3	1.1360	6.5	1860	21.2	165.6	± 2	39.4	46.5	34.7
		6.9		23.4	182.8		43.5	51.3	38.3
		7.5		29.0	226.5		53.9	63.6	47.4
		8.6		37.4	292.1		69.6	82.1	61.2

<sup>a</sup> The modulus of elasticity may be taken by convention as equal to 195 GPa (kN/mm<sup>2</sup>)

<sup>b</sup> The nominal mass per metre is calculated from the cross-sectional area and a density of 7.81 kg/dm<sup>3</sup>

<sup>c</sup> The specified characteristic value of the 0.1% proof force is calculated: For the grade Y1860S3 for all diameters as 88% of the specified characteristic value of the maximum force;

**SPECIFIED INDENTATION**

Nominal strand diameter (mm) <b>d</b>	Nominal depth <b>a</b>	Depth tolerance	Length <b>l</b>	Spacing <b>c</b>
≤ 12	0.06	± 0.03	3.5 ± 0.5	5.5 ± 0.5

