

BRITISH SPECIFICATIONS : BS-5896 : 1980

Type of Strand	Nominal Diameter	Tolerance of		Nominal area of Strand	Nominal Tensile strength	Specified Characteristic breaking strength	Load at 1% Elongation	Relaxation			Minimum Elongation at max load	Nominal Mass
		dia	Cross Sectional areas & mass					Initial load (% of actual breaking load)	Maximum after 1000 hrs			
									Class 1	Class 2		
	(mm)	(±mm)		(mm ²)	(N/mm ²)	(kN)	(kN)		For all strands		(L ≥ 500mm)	(kg/1000m)
7 Wire Standard	9.3	±0.30	+4% -2%	52	1770	92	81	60% 70% 80%	4.5% 8.0% 12%	1.0% 2.5% 4.5%	For all strands 3.5%	408
	11.0	-0.15		71	1770	125	110					557
	12.5	+0.40		93	1770	164	144					730
	15.2	-0.20		139	1670	232	204					1090
7 Wire Super	9.6	+0.30	+4% -2%	55	1860	102	90					432
	11.3	-0.15		75	1860	139	122					590
	12.9	+0.40		100	1860	186	163					785
	15.7	-0.20		150	1770	265	233					1180