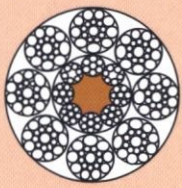


HOIST & COMPENSATING ROPES

 8 x 19 S+ IWRC (8x7+CF)	Nominal Rope * Diameter		Approx. weight/mass		Minimum breaking load/force for 1570 or 1370 / 1770 N/mm ²	
	inch	mm	lbs/100ft	kg/100m	1000 lbs	kN
	1/4	6.5	10.8	16.1	5.6	24.7
5/16	8	16.1	24.0	8.1	36.2	
	9	20.6	30.7	10.3	46.0	
7/16	10	25.9	38.5	12.9	57.6	
	11	31.3	46.6	15.7	69.9	
15/32	12	37.0	55.1	18.6	82.7	
	13	44.1	65.6	22.1	98.2	
9/16	14	50.6	75.3	25.5	113.6	
	16	66.1	98.4	33.1	147.4	
5/8	18	82.7	123.0	41.5	184.4	
	20	102.8	153.0	51.7	230.0	

*Measured rope diameter will be in the range of +2.5% to +5% of nominal rope diameter under no load conditions.

Rope Diameter Tolerance

Rope diameter		Tolerance, %
Under No Load		Under 10% of MBF
5 - 2.5		3 - 0.5

ROPE BEHAVIOUR OF 1/2" ϕ 8X19S-CFN when submitted to bending fatigue & tension.

Typical values for Stretch and Diameter reduction

