

## FZ119 / FZ137 / FZ161 / FZ191

Fune zincata in accordo con  
EN 12385-10 classe A e EN 10264-2

Galvanized open spiral strand according to  
EN 12385-10 class A and EN 10264-2

MBF = Forza di rottura fune (Fmin)  
FR,d = Forza di progetto limite  
A = Sezione metallica  
E = 160 ± 10 kN/mm<sup>2</sup> (Modulo Elastico)

MBF = Min. Breaking Force (Fmin)  
FR,d = Design Force  
A = Metallic cross section  
E = 160 ± 10 kN/mm<sup>2</sup> (Elastic Modulus)

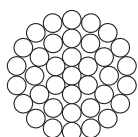
Note: rif. Eurocode 3  
Fmin = Forza di rottura fune (MBF)  
Fu,k = Forza di rottura caratteristica  
Fu,k = [MBF / YR] con YR = 1  
FR,d = [(MBF / 1,5) / YR] con YR = 1,1  
YR = Coeff. di sicurezza<sup>2</sup>

Note: rif. Eurocode 3  
Fmin = Min. Breaking Force (MBF)  
Fu,k = Characteristic tensile strength  
Fu,k = [MBF / YR] with YR = 1  
FR,d = [(MBF / 1,5) / YR] with YR = 1,1  
YR = Safety factor



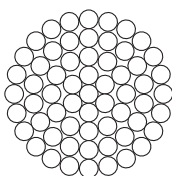
1x19  
FZ119

Codice Code	Diametro fune Rope diameter mm	Formazione Construction	MBF kN	A mm <sup>2</sup>	FR,d kN	Peso Weight kg/m
FZ 11902	2	1x19	3,80	2,39	-	0,02
FZ 11903	3	1x19	8,70	5,38	-	0,04
FZ 11904	4	1x19	15,50	9,56	-	0,08
FZ 11905	5	1x19	24,20	14,90	-	0,12
FZ 11906	6	1x19	32,80	21,50	-	0,17
FZ 11907	7	1x19	44,10	29,30	-	0,24
FZ 11908	8	1x19	54,00	38,00	33	0,32
FZ 11910	10	1x19	85,00	59,70	52	0,50
FZ 11912	12	1x19	129,00	85,90	78	0,71
FZ 11914	14	1x19	176,00	116,90	107	0,97



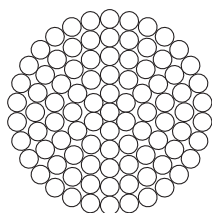
1x37  
FZ137

Codice Code	Diametro fune Rope diameter mm	Formazione Construction	MBF kN	A mm <sup>2</sup>	FR,d kN	Peso Weight kg/m
FZ 13716	16	1x37	230,00	151,70	139	1,27
FZ 13718	18	1x37	295,00	192,00	179	1,60
FZ 13720	20	1x37	365,00	237,10	221	1,98
FZ 13722	22	1x37	440,00	286,90	267	2,40



1x61  
FZ161

Codice Code	Diametro fune Rope diameter mm	Formazione Construction	MBF kN	A mm <sup>2</sup>	FR,d kN	Peso Weight kg/m
FZ 16124	24	1x61	535,00	340,50	324	2,85
FZ 16126	26	1x61	635,00	399,60	385	3,35
FZ 16128	28	1x61	740,00	463,40	448	3,88



1x91  
FZ191

Codice Code	Diametro fune Rope diameter	Formazione Construction	MBF	A	Fr,d	Peso Weight
	mm		kN	mm <sup>2</sup>	kN	kg/m
FZ 19130	30	1x91	850,00	531,30	515	4,46
FZ 19132	32	1x91	970,00	604,50	588	5,07
FZ 19134	34	1x91	1095,00	682,40	664	5,72
FZ 19136	36	1x91	1225,00	765,10	741	6,42
FZ 19138	38	1x91	1365,00	852,40	827	7,15
FZ 19140	40	1x91	1510,00	944,50	915	7,92
FZ 19142	42	1x91	1670,00	1041,30	1012	8,73
FZ 19144	44	1x91	1830,00	1141,30	1109	9,58
FZ 19146	46	1x91	2005,00	1247,50	1215	10,47
FZ 19148	48	1x91	2180,00	1358,30	1321	11,40
FZ 19152	52	1x91	2560,00	1594,00	1552	13,38
FZ 19154	54	1x91	2765,00	1719,20	1676	14,43
FZ 19156	56	1x91	2970,00	1849,10	1800	15,52
FZ 19158	58	1x91	3200,00	1983,10	1939	16,65
FZ 19160	60	1x91	3400,00	2122,00	2061	17,82