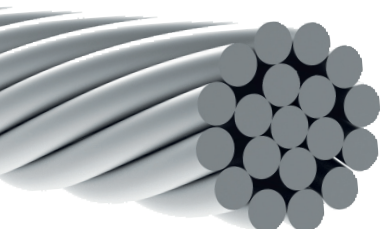


**FUNE SPIROIDALE DI ACCIAIO ZINCATO FZ119 / FZ137 / FZ161 / FZ191**  
GALVANIZED OPEN SPIRAL STRAND FZ119 / FZ137 / FZ161 / FZ191

**Acciaio zincato**  
Galvanized steel



- Fune zincata in accordo con EN 12385-10 class A e EN 10264-2
- MBF = Forza di rottura fune (Fmin)
- $F_{R,d}$  = Forza di progetto limite
- A = Sezione metallica
- $E = 160 \pm 10$  GPa (Modulo Elastico)

- Note: rif. Eurocode 3
- Fmin = Forza di rottura fune (MBF)
- $F_{u,k}$  = Forza di rottura caratteristica
- $F_{u,k} = [MBF / Y_R]$  con  $Y_R = 1$
- $F_{R,d} = [(MBF / 1,5) / Y_R]$  con  $Y_R = 1,1$
- $Y_R$  = Coeff. di sicurezza

- NB: su richiesta possiamo fornire funi spirodali in accordo alla ASTM A 586-18 grado 1 o 2 e zincatura in classe A.

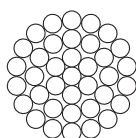
- Galvanized rope according to EN 10264-2 class A and EN 12385-10
- MBF = Min. Breaking Force (Fmin)
- $F_{R,d}$  = Design Force
- A = Metallic cross section
- $E = 160 \pm 10$  GPa (Elastic Modulus)

- Note: ref. Eurocode 3
- Fmin = Min. Breaking Force (MBF)
- $F_{u,k}$  = Characteristic tensile strength
- $F_{u,k} = [MBF / Y_R]$  with  $Y_R = 1$
- $F_{R,d} = [(MBF / 1,5) / Y_R]$  with  $Y_R = 1,1$
- $Y_R$  = Safety factor

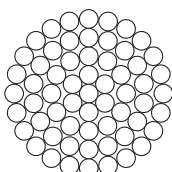
- Remarks: On request we can supply Structural strand as per ASTM A 586-18 grade 1 or 2 and zinc quality class A.



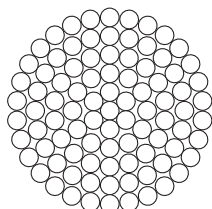
1x19  
FZ119



1x37  
FZ137



1x61  
FZ161

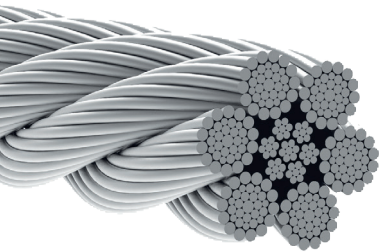


1x91  
FZ191

Codice Code	Fune Rope Ø mm	MBF kN	A mm <sup>2</sup>	$F_{R,d}$ kN	Peso Weight kg/m
FZ11908	8	54	38,0	33	0,32
FZ11910	10	85	59,7	52	0,50
FZ11912	12	129	85,9	78	0,71
FZ11914	14	176	116,9	107	0,97
FZ13716	16	230	151,7	139	1,27
FZ13718	18	295	192,0	179	1,60
FZ13720	20	365	237,1	221	1,98
FZ13722	22	440	286,9	267	2,40
FZ16124	24	535	340,5	324	2,85
FZ16126	26	635	399,6	385	3,35
FZ16128	28	740	463,4	448	3,88
FZ19130	30	850	531,3	515	4,46
FZ19132	32	970	604,5	588	5,07
FZ19134	34	1095	682,4	664	5,72
FZ19136	36	1225	765,1	741	6,42
FZ19138	38	1365	852,4	827	7,15
FZ19140	40	1510	944,5	915	7,92
FZ19142	42	1670	1041,3	1012	8,73
FZ19144	44	1830	1141,3	1109	9,58
FZ19146	46	2005	1247,5	1215	10,47
FZ19148	48	2180	1358,3	1321	11,40
FZ19152	52	2560	1594,0	1552	13,38
FZ19154	54	2765	1719,2	1676	14,43
FZ19156	56	2970	1849,1	1800	15,52
FZ19158	58	3200	1983,1	1939	16,65
FZ19160	60	3400	2122,0	2061	17,82

**FUNE DI ACCIAIO ZINCATO FZ636ACAR**  
GALVANIZED WIRE ROPE FZ636ACAR

**Acciaio zincato**  
Galvanized steel

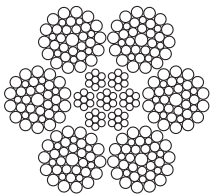


- Costruzione 6x36WS+IWRC - EN 12385-4 / ISO 2408
- Fune zincata in accordo con EN 10264-2 class B
- MBF = Forza di rottura fune (Fmin)
- $F_{R,d}$  = Forza di progetto limite
- A = Sezione metallica
- E = 120 ± 10 GPa (Modulo Elastico)

- Note: rif. Eurocode 3
- Fmin = Forza di rottura fune (MBF)
- $F_{u,k}$  = Forza di rottura caratteristica
- $F_{u,k}$  = [MBF /  $Y_R$ ] con  $Y_R = 1$
- $F_{R,d}$  = [(MBF / 1,5) /  $Y_R$ ] con  $Y_R = 1,1$
- $Y_R$  = Coeff. di sicurezza

- Construction 6x36WS+IWRC - EN 12385-4 / ISO 2408
- Galvanized rope according to EN 10264-2 class B
- MBF = Min. Breaking Force (Fmin)
- $F_{R,d}$  = Design Force
- A = Metallic cross section
- E = 120 ± 10 GPa (Elastic Modulus)

- Note: ref. Eurocode 3
- Fmin = Min. Breaking Force (MBF)
- $F_{u,k}$  = Characteristic tensile strength
- $F_{u,k}$  = [MBF /  $Y_R$ ] with  $Y_R = 1$
- $F_{R,d}$  = [(MBF / 1,5) /  $Y_R$ ] with  $Y_R = 1,1$
- $Y_R$  = Safety factor



6x36WS+IWRC  
265 fili/wires

Codice Code	Fune Rope Ø mm	MBF kN	A mm <sup>2</sup>	$F_{R,d}$ kN	Peso Weight kg/m
FZ636R10	10	81,8	48,3	49,6	0,42
FZ636R12	12	117,8	69,6	71,4	0,60
FZ636R14	14	160,3	94,7	97,2	0,82
FZ636R16	16	209,5	123,6	127,0	1,08
FZ636R18	18	265,0	156,5	160,6	1,36
FZ636R20	20	326,5	193,2	197,6	1,68
FZ636R22	22	396,0	233,8	240,0	2,03
FZ636R24	24	471,5	278,2	285,0	2,42
FZ636R26	26	553,0	324,5	335,2	2,84
FZ636R28	28	640,0	376,3	387,9	3,29
FZ636R30	30	734,0	428,4	444,8	3,78
FZ636R32	32	835,5	487,4	506,4	4,30
FZ636R34	34	920,0	550,3	557,6	4,86
FZ636R36	36	1030,0	616,9	624,2	5,44
FZ636R38	38	1150,0	687,3	697,0	6,06
FZ636R40	40	1255,0	761,6	760,6	6,72
FZ636R42	42	1385,0	839,7	839,4	7,41
FZ636R44	44	1515,0	921,5	918,2	8,13
FZ636R46	46	1655,0	1007,2	1003,0	8,89
FZ636R48	48	1775,0	1096,7	1075,8	9,68
FZ636R50	50	1926,0	1190,0	1167,3	10,50
FZ636R52	52	2082,0	1287,1	1261,8	11,36
FZ636R54	54	2240,0	1388,0	1357,6	12,25
FZ636R56	56	2370,0	1492,7	1436,4	13,17
FZ636R58	58	2540,0	1601,3	1539,4	14,13
FZ636R60	60	2700,0	1713,6	1636,4	15,12