

FUA

THE NEW VERSION OF TESMEC ANTI TWISTING STEEL ROPE

Improving safety on jobsite

To grant the top safety level, Tesmec anti twisting steel rope refresh itself with a new conception not more based on diameter measure but on **working load range**.

To make the correct choice you should consider the match of puller capacity and rope working load. This choice is granted by a **safety factor 3**, that means breaking load 3 times higher than working load (as per IEC TR61328 rev.03:2017).



PULLER CAPACITY es. 50 kN	X	SAFETY FACTOR 3	=	ROPE BREAKING LOAD es. 150 kN
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Higher safety level with traditional advantages



- + **Steel Quality:**
At the same time very strong and flexible.
- + **Flexibility:**
More flexible than any other rope available in the market.
- + **Elongation:**
Lower than 2.5% to avoid spring effect.
- + **Galvanising:**
High resistance to corrosion thanks to galvanizing process of each single elementary wire.
- + **Greasing:**
The strands are greased one by one ensuring much longer lubrication effect.
- + **Special Length:**
Available without joints or connectors.
- + **Life cycle:**
Longer than any other rope on the market, up to ten years or more.

IMPORTANT NOTICE!

The following models are still available:
FUX016, FUX018, FUX020, FUX024, FUX026, FUX028

For further information don't hesitate to contact us!

FUA

ANTI TWISTING STEEL ROPE STANDARD

HIGH FLEXIBILITY

COMPLETE STABILITY TO ROTATION

STRANDS WITH INDIVIDUAL GALVANIZED ELEMENTARY WIRES



FUA

FUH

ANTI TWISTING STEEL ROPE HIGH TENSILE

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FUH

FUA

MODEL	WORKING LOAD*	NOMINAL DIAMETER	INDICATIVE LUBRICATED LINEAR MASS	MINIMUM BREAKING LOAD*	STANDARD LENGTH**
FUA006	7.6 kN	6 mm	0.114 kg/m	22.9 kN	1800-3600 m
FUA008	14.2 kN	8 mm	0.22 kg/m	42.6 kN	1600 m
FUA611	25 kN	11 mm	0.359 kg/m	75 kN	1100 m
FUA613	35 kN	13 mm	0.502 kg/m	105 kN	800-1600 m
FUA615	50 kN	15 mm	0.712 kg/m	150 kN	900-1800 m
FUA618	75 kN	18 mm	1.072 kg/m	225 kN	1200 m
FUA621	100 kN	21 mm	1.429 kg/m	300 kN	900 m
FUA623	120 kN	23 mm	1.718 kg/m	360 kN	800 m
FUA625	140 kN	25 mm	2.004 kg/m	420 kN	700 m
FUA628	180 kN	28 mm	2.572 kg/m	540 kN	600 m

*This value is related to rope with spliced eyes and for stringing operation

**The rope is also available in different lengths and in continuous sections up to 7000 m

FUH

MODEL	WORKING LOAD*	NOMINAL DIAMETER	INDICATIVE LUBRICATED LINEAR MASS	MINIMUM BREAKING LOAD*	STANDARD LENGTH**
FUH009	20 kN	9 mm	0.25 kg/m	60 kN	1500 m
FUH013	40.3 kN	13 mm	0.50 kg/m	121 kN	800-1600 m
FUH016	61 kN	16 mm	0.76 kg/m	183 kN	900-1800 m
FUH018	81 kN	18 mm	1.01 kg/m	243 kN	1200 m
FUH022	119.3 kN	22 mm	1.48 kg/m	358 kN	800 m
FUH025	160 kN	25 mm	1.72 kg/m	480 kN	700 m
FUH031	237.6 kN	31 mm	3.00 kg/m	713 kN	400 m

*This value is related to rope with spliced eyes and for stringing operation

**The rope is also available in different lengths and in continuous sections up to 7000 m

NOTE

Sections are supplied with spliced eyes in the following models:
 ALF001 for diameters 06-11 mm
 ALF002 for diameters 13-18 mm
 ALF003 for diameters 21-31 mm