

Tekniskt datablad

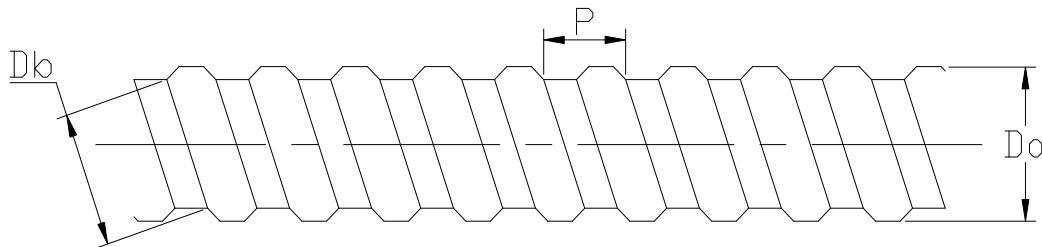
Glasfiberstag FiReP



FiReP TIELOCK[®] H60-15

Material

Fiber	Glass fiber
Matrix resin	Vinylester, Grey
Surface structure	Continuous thread



Geometry

Geometry	Symbol	Unit	Value
Outer diameter	D_a	mm	17±0.5
Deep diameter	D_b	mm	14.6±0.5
Pitch	P	mm	10±0.2
Effective tensile stress areas	A_e	mm ²	130

Mechanical properties

Mechanical properties	Symbol	Unit	Value
Ultimate load	$F_{r,u}$	kN	130
Ultimate strength	f_t	Mpa	1'000
Tensile E-modulus	E	Gpa	45
Strain at failure(average)	ε_u	%	2.1
Flexural strength	σ_f	MPa	400
Shear resistance90°	τ	MPa	460
Torsion resistance	T	Nm	40
Fiber content(by weight)	ρ_{rf}	%	75
Weight	g	g/m	380±20
Breaking load thread	Steel Hex Nut L=60mm	$F_{n,u}$	kN
			70 ^{*)}

*) The steel accessories are not produced and supplied by FiReP. Accordingly, the client has to bear responsibility for proper quality and tolerances of the accessories