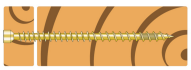
Technical Sheet

ESCRFTZ

Fully Threaded Cylinder Head Structural Screw

The ESCRFTZ cylindrical head structural wood screw with full thread can be used for timber framing, framework and reinforcement. These ETA approved structural screws are designed for load-bearing timber structures.





Features

Material

- Steel - electogalvanised yellow zinc coating

Features

- ETA approved (ETA-13/0796)
- No pre-drilling required
- High withdrawal resistance
- Fully Threaded
- Cylinder head

Applications

Suitable for

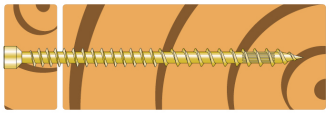
- Solid Timber, Glulam timber, CLT, Wood-based panels

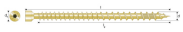
Common Applications

- Timber to timber applications
- Timber reinforcement

ESCRFTZ
Fully Threaded Cylinder Head Structural Screw

Technical Data





Product Dimensions

Reference	Fasteners Dimensions[mm]						
	Other	Product Dimensions[mm]					
	Weight[kg]	d[mm]	l[mm]	dh[mm]	d1[mm]	Thread Length[mm]	Driver Bit[mm]
ESCRFTZ8.0X120	0.025	8	120	10.2	5.1	110	T-40
ESCRFTZ8.0X280	0.012	8	280	10.2	5.1	270	T-40
ESCRFTZ8.0X300	0.012	8	300	10.2	5.1	290	T-40

Product characteristic properties

Reference	Screw Parameters			
	Characteristic parameters			
	Characteristic Yield Moment – $M_{y,k}$[Nm]	Characteristic withdrawal parameter - $f_{ax,k,90°}$[N/mm²]	Characteristic tensile capacity - $f_{tens,k}$[kN]	Characteristic torsional strength - $f_{tor,k}$[Nm]
ESCRFTZ8.0X120	20.3	13.1	24.1	-
ESCRFTZ8.0X280	20.3	13.1	24.1	-
ESCRFTZ8.0X300	20.3	13.1	24.1	-

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