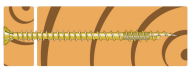
Technical Sheet

ESCRFTC

Fully Threaded Countersunk Structural Wood Screw

ESCRFTC is a fully threaded structural screw with a countersunk head, suitable for hidden timber to timber assembly. This ETA approved screw can also be used for timber reinforcement and load bearing timber structures.







Features

Material

Steel - Electrogalvanised yellow zinc coating

Features

- ETA approved (ETA-13/0796)
- No pre-drilling required
- High withdrawal resistance
- Fully threaded
- Countersunk head
- Half cut point reduces splitting effect and allows smaller minimum spacings and edge distances. Easier installation when skewed
- 6 lobe drive

Applications

Suitable for

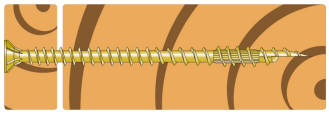
- Solid Timber, Glulam timber, CLT, Wood-based panels
- Pre-drilled steel plate

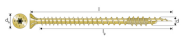
Common Applications

- Timber to timber assembly
- Timber reinforcement (to transversile tension or compression)
- Solid Timber
- Glulam timber
- CLT
- Wood-based panels
- Pre-drilled steel plate

ESCRFTC
Fully Threaded Countersunk Structural Wood Screw

Technical Data





Product Dimensions

Reference	Fasteners Dimensions[mm]						
	Other	Product Dimensions[mm]					
	Weight[kg]	l[mm]	Thread Length[mm]	d1[mm]	d[mm]	dh[mm]	Driver Bit[mm]
ESCRFTC8.0X120	0.026	120	110	5.1	8	15	T-40
ESCRFTC8.0X140	0.03	140	130	5.1	8	15	T-40
ESCRFTC8.0X180	0.039	180	170	5.1	8	15	T-40
ESCRFTC8.0X200	0.043	200	190	5.1	8	15	T-40
ESCRFTC8.0X240	0.051	240	230	5.1	8	15	T-40
ESCRFTC8.0X300	0.063	300	290	5.1	8	15	T-40
ESCRFTC10.0X200	0.062	200	188	6.3	10	18.5	T-50
ESCRFTC10.0X220	0.068	220	208	6.3	10	18.5	T-50
ESCRFTC10.0X240	0.074	240	228	6.3	10	18.5	T-50
ESCRFTC10.0X300	0.092	300	288	6.3	10	18.5	T-50
ESCRFTC10.0X350	0.11	350	338	6.3	10	18.5	T-50
ESCRFTC10.0X400	0.12	400	388	6.3	10	18.5	T-50
ESCRFTC12.0X500	0.2	500	480	7	12	20	T-50

Structural Parameters - hEN14592

Reference	Screw Parameters				
	Characteristic parameters				
	Characteristic Yield Moment – My,k[Nm]	Characteristic withdrawal parameter - $f_{ax,k,90°}$[N/mm²]	Characteristic head pull-through parameter - $f_{head,k}$[N/mm²]	Characteristic tensile capacity - $f_{tens,k}$[kN]	Characteristic torsional strength - ftor,k[Nm]

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