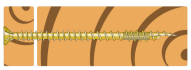
Technical Sheet

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

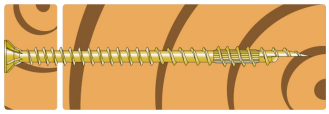
- Timber to timber assembly
- Timber reinforcement (to transversile tension or compression)
- Solid Timber
- Glulam timber
- CLT
- Wood-based panels
- Pre-drilled steel plate

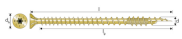
Technical Sheet

ESCRFTC

Fully Threaded Countersunk Structural Wood Screw

Technical Data





Product Dimensions

Reference	Fasteners Dimensions[mm]									
	Other				Product Dimensions[mm]					
	Tun / DB nr.	NOB nr.	Qty per box	Weight[kg]	l[mm]	Thread Length[mm]	d1[mm]	d[mm]	dh[mm]	Driver Bit[mm]
ESCRFTC8.0X140	1965717	60007378	50.0	0.03	140	130	5.1	8	15	T-40
ESCRFTC8.0X160	1965718	60007367	50.0	0.035	160	150	5.1	8	15	T-40
ESCRFTC8.0X180	1965719	60007355	50.0	0.039	180	170	5.1	8	15	T-40
ESCRFTC8.0X200	1965720	60007356	50.0	0.043	200	190	5.1	8	15	T-40
ESCRFTC8.0X220	2396034	60007379	50.0	0.047	220	210	5.1	8	15	T-40
ESCRFTC8.0X240	1965721	60007357	50.0	0.051	240	230	5.1	8	15	T-40
ESCRFTC8.0X260	-	60007364	50.0	0.055	260	250	5.1	8	15	T-40
ESCRFTC8.0X300	2396035	60007382	50.0	0.063	300	290	5.1	8	15	T-40
ESCRFTC8.0X350	2396036	60007386	50.0	0.072	350	340	5.1	8	15	T-40
ESCRFTC10.0X240	-	60007371	50.0	0.074	240	228	6.3	10	18.5	T-50
ESCRFTC10.0X260	-	60007374	50.0	0.08	260	248	6.3	10	18.5	T-50
ESCRFTC10.0X280	-	60007393	50.0	0.086	280	268	6.3	10	18.5	T-50
ESCRFTC10.0X300	-	60007369	50.0	0.092	300	288	6.3	10	18.5	T-50
ESCRFTC10.0X350	-	60007380	50.0	0.11	350	338	6.3	10	18.5	T-50
ESCRFTC10.0X400	-	60007412	50.0	0.12	400	388	6.3	10	18.5	T-50
ESCRFTC12.0X260	-	60007406	25.0	0.11	260	240	7	12	20	T-50
ESCRFTC12.0X280	-	60007395	25.0	0.1	280	260	7	12	20	T-50
ESCRFTC12.0X300	-	60007404	25.0	0.11	300	280	7	12	20	T-50
ESCRFTC12.0X350	-	60007381	25.0	0.13	350	330	7	12	20	T-50
ESCRFTC12.0X400	-	60007413	25.0	0.15	400	380	7	12	20	T-50
ESCRFTC12.0X500	-	60007402	25.0	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]

Installation

Spacing and Edge distances - Shear loaded screws

Reference	Screw spacing								
	Minimum distances - Shear loaded fastener[mm]								
							rain = 90°		
	a1.0[mm]						nm]	a4.t.90[mm]	a4.c

a_1 and a_2 can b mbly.

Spacing and Edge distances - Shear loaded screws
See full table online ➡️

Spacing and edge distances - Axially loaded screws

Reference	Screw spacing			
	Minimum distances - Axialy loaded fastener[mm]			
	a1[mm]	a2[mm]	a1.cg[mm]	a2.cg[mm]

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