

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



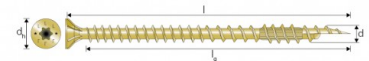
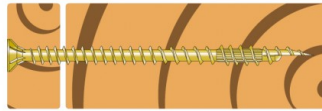
YZP



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### Technical Data

#### Product Dimensions



References	Fastener Dimensions [mm]						Weight [kg]	
	l	l <sub>g</sub>	d <sub>1</sub>	d	d <sub>h</sub>	Driver Bit		
ESCRFTC8.0X120	120	110	5.2	8	15	T-40	0.026	
ESCRFTC8.0X140	140	130	5.2		15	T-40	0.03	
ESCRFTC8.0X160	160	150	5.2		15	T-40	0.035	
ESCRFTC8.0X180	180	170	5.2		15	T-40	0.039	
ESCRFTC8.0X200	200	190	5.2		15	T-40	0.043	
ESCRFTC8.0X220	220	210	5.2		15	T-40	0.047	
ESCRFTC8.0X240	240	230	5.2		15	T-40	0.051	
ESCRFTC8.0X260	260	250	5.2		15	T-40	0.055	
ESCRFTC8.0X280	280	270	5.2		15	T-40	0.059	
ESCRFTC8.0X300	300	290	5.2		15	T-40	0.063	
ESCRFTC8.0X350	350	340	5.2		15	T-40	0.072	
ESCRFTC8.0X400	400	390	5.2		15	T-40	0.084	
ESCRFTC10.0X120	120	108	6.1		10	18.5	T-50	0.038
ESCRFTC10.0X160	160	148	6.1	18.5		T-50	0.05	
ESCRFTC10.0X180	180	168	6.1	18.5		T-50	0.056	
ESCRFTC10.0X200	200	188	6.1	18.5		T-50	0.062	
ESCRFTC10.0X220	220	208	6.1	18.5		T-50	0.068	
ESCRFTC10.0X240	240	228	6.1	18.5		T-50	0.074	
ESCRFTC10.0X260	260	248	6.1	18.5		T-50	0.08	
ESCRFTC10.0X280	280	268	6.1	18.5		T-50	0.086	
ESCRFTC10.0X300	300	288	6.1	18.5		T-50	0.092	
ESCRFTC10.0X350	350	338	6.1	18.5		T-50	0.11	
ESCRFTC10.0X400	400	388	6.1	18.5		T-50	0.12	
ESCRFTC12.0X200	200	180	6.8	12		20	T-50	0.068
ESCRFTC12.0X220	220	200	6.8			20	T-50	0.092
ESCRFTC12.0X240	240	220	6.8		20	T-50	0.085	
ESCRFTC12.0X260	260	240	6.8		20	T-50	0.11	
ESCRFTC12.0X280	280	260	6.8		20	T-50	0.1	
ESCRFTC12.0X300	300	280	6.8		20	T-50	0.11	
ESCRFTC12.0X350	350	330	6.8		20	T-50	0.13	
ESCRFTC12.0X400	400	380	6.8		20	T-50	0.15	
ESCRFTC12.0X450	450	430	6.8		20	T-50	0.062	
ESCRFTC12.0X500	500	480	6.8		20	T-50	0.2	
ESCRFTC12.0X600	600	580	6.8		20	T-50	0.24	

#### Structural Parameters - hEN14592

References	Yield Moment – M <sub>y,k</sub> [Nm]	Withdrawal Parameter – f <sub>ax,k</sub> [N/mm <sup>2</sup> ]	Head Pull Through Parameter – f <sub>head,k</sub> [N/mm <sup>2</sup> ]	Characteristic tensile capacity – f <sub>tens,k</sub> [kN]	Torsional Strength f <sub>tor, k</sub> [Nm]
ESCRFTC8.0	20.3	13.1	12.4	24.1	25.8
ESCRFTC10.0	36.7	12.5	12.2	40	55

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**Fully Threaded Countersunk Structural Wood Screw**

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