



ESCRFTC is a full threaded screw with a countersunk head, suitable for hidden timber to timber assembly and steel to timber assembly. It can also be used for timber reinforcement.



[EN-ETA-13/0796](#), [UK-DoP-e13/0796](#)

FEATURES



Material

- Hardened carbon steel
- Electrogalvanized yellow passivated

Advantages

- **Countersunk head:** ideal for timber/timber or steel/timber assembly with head flush with surface
- **Underhead ribs:** for a clear finish and no timber superficial split
- **Full asymmetrical thread** for a maximum withdrawal capacity, allows compressive load bearing
- **Half cut point:** reduces splitting effect and allows smaller minimum spacings and edge distances. No pre-drilling needed, easier installation when skewed
- **Torx driven:** reduces the wear of the bit



APPLICATIONS

Suitable for

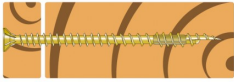
- Solid Timber, Glulam timber, CLT, Wood-based panels
- Pre-drilled steel plate

When to use

- Timber to timber assembly
- Steel to timber assembly
- Timber reinforcement (to transversile tension or compression)

TECHNICAL DATA

Product Dimensions



References	Fastener Dimensions [mm]					
	l	l _g	d ₁	d	d _h	Driver Bit
ESCRFTC8.0X120	120	110	5.2	8	15	T-40
ESCRFTC8.0X180	180	170	5.2	8	15	T-40
ESCRFTC8.0X200	200	190	5.2	8	15	T-40
ESCRFTC8.0X240	240	230	5.2	8	15	T-40
ESCRFTC8.0X300	300	290	5.2	8	15	T-40
ESCRFTC8.0X400	400	390	5.2	8	15	T-40
ESCRFTC10.0X160	160	148	6.1	10	18.5	t-50
ESCRFTC10.0X180	180	168	6.1	10	18.5	T-50
ESCRFTC10.0X200	200	188	6.1	10	18.5	T-50
ESCRFTC10.0X220	220	208	6.1	10	18.5	T-50
ESCRFTC10.0X240	240	228	6.1	10	18.5	T-50
ESCRFTC10.0X260	260	248	6.1	10	18.5	T-50
ESCRFTC10.0X280	280	268	6.1	10	18.5	T-50
ESCRFTC10.0X300	300	288	6.1	10	18.5	T-50
ESCRFTC10.0X350	350	338	6.1	10	18.5	T-50
ESCRFTC10.0X400	400	388	6.1	10	18.5	T-50

Structural Parameters - hEN14592

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

