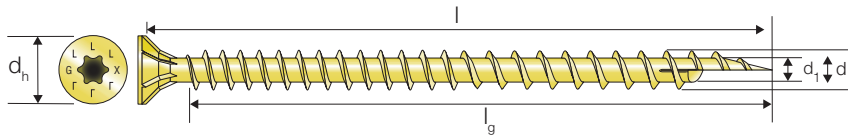


ESCRFTC Fully Threaded Structural Timber Screw

The ESCRFTC is a countersunk head screw designed to connect two or more timber members together. The countersunk head gives flush fitting while allowing the timber members to close up firmly.



ESCRFTC Product Dimensions

Model No.	Product Dimensions [mm]					
	d	l	d _h	d ₁	l _g	Bit
ESCRFTC8.0x180	8	180	15	5.2	170	T-40
ESCRFTC8.0x200	8	200	15	5.2	190	T-40
ESCRFTC8.0x240	8	240	15	5.2	230	T-40
ESCRFTC8.0x300	8	300	15	5.2	290	T-40
ESCRFTC8.0x400	8	400	15	5.2	390	T-40
ESCRFTC10.0x180	10	180	18.5	6.1	168	T-50
ESCRFTC10.0x220	10	220	18.5	6.1	208	T-50
ESCRFTC10.0x240	10	240	18.5	6.1	228	T-50
ESCRFTC10.0x300	10	300	18.5	6.1	288	T-50
ESCRFTC10.0x350	10	350	18.5	6.1	338	T-50

ESCRFTC Performance Data

Model No.	Yield Moment M _y ,k [Nmm]	Withdrawal Parameter f _{ax} ,k [N/mm ²]	Head Pull-Through f _{head} ,k [N/mm ²]	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	40.0	55.0

- Mechanical properties based upon timber density $\rho_k = 350 \text{ kg/m}^3$