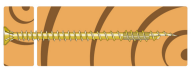
Technical Sheet

ESCRFTC

Fully Threaded Countersunk Structural Wood Screw

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.







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 asymetrical 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

When to use

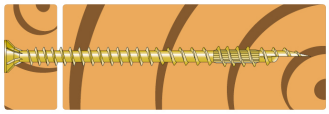
- Timber to timber assembly
- Steel to timber assembly
- Timber reinforcement (to transversile tension or compression)

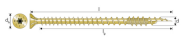
Technical Sheet

ESCRFTC

Fully Threaded Countersunk Structural Wood Screw

Technical Data





Rozměry a typické hodnoty

Reference	Fasteners rozměry[mm]						
	ostatní		rozměry výrobku[mm]				
	množství v krabici	hmotnost[kg]	l[mm]	závit délka[mm]	d[mm]	dh[mm]	Driver Bit[mm]
ESCRFTC8.0X120	50.0	0.026	120	110	8	15	T-40
ESCRFTC8.0X140	50.0	0.03	140	130	8	15	T-40
ESCRFTC8.0X160	50.0	0.035	160	150	8	15	T-40
ESCRFTC8.0X180	50.0	0.039	180	170	8	15	T-40
ESCRFTC8.0X200	50.0	0.043	200	190	8	15	T-40
ESCRFTC8.0X220	50.0	0.047	220	210	8	15	T-40
ESCRFTC8.0X240	50.0	0.051	240	230	8	15	T-40
ESCRFTC8.0X260	50.0	0.055	260	250	8	15	T-40
ESCRFTC8.0X280	50.0	0.059	280	270	8	15	T-40
ESCRFTC8.0X300	50.0	0.063	300	290	8	15	T-40
ESCRFTC8.0X350	50.0	0.072	350	340	8	15	T-40
ESCRFTC8.0X400	50.0	0.084	400	390	8	15	T-40
ESCRFTC10.0X120	50.0	0.038	120	108	10	18.5	T-50
ESCRFTC10.0X160	-	0.05	160	148	10	18.5	T-50
ESCRFTC10.0X180	50.0	0.056	180	168	10	18.5	T-50
ESCRFTC10.0X200	50.0	0.062	200	188	10	18.5	T-50
ESCRFTC10.0X220	50.0	0.068	220	208	10	18.5	T-50
ESCRFTC10.0X240	50.0	0.074	240	228	10	18.5	T-50
ESCRFTC10.0X260	50.0	0.08	260	248	10	18.5	T-50
ESCRFTC10.0X280	50.0	0.086	280	268	10	18.5	T-50
ESCRFTC10.0X300	50.0	0.092	300	288	10	18.5	T-50
ESCRFTC10.0X350	50.0	0.11	350	338	10	18.5	T-50
ESCRFTC10.0X400	50.0	0.12	400	388	10	18.5	T-50
ESCRFTC12.0X200	25.0	0.068	200	180	12	20	T-50
ESCRFTC12.0X220	25.0	0.092	220	200	12	20	T-50
ESCRFTC12.0X240	25.0	0.085	240	220	12	20	T-50
ESCRFTC12.0X260	25.0	0.11	260	240	12	20	T-50
ESCRFTC12.0X280	25.0	0.1	280	260	12	20	T-50
ESCRFTC12.0X300	25.0	0.11	300	280	12	20	T-50
ESCRFTC12.0X350	25.0	0.13	350	330	12	20	T-50
ESCRFTC12.0X400	25.0	0.15	400	380	12	20	T-50
ESCRFTC12.0X450	25.0	0.062	450	430	12	20	T-50
ESCRFTC12.0X500	25.0	0.2	500	480	12	20	T-50
ESCRFTC12.0X600	25.0	0.24	600	580	12	20	T-50

ESCRFTC
Fully Threaded Countersunk Structural Wood Screw

Mekaniske egenskaber

Reference	šroub parametry				
	charakteristické parametry				
	Characteristic Yield Moment – $My,_k$[Nm]	Characteristic withdrawal parameter - $f_{ax,k,90°}$[N/mm²]	Characteristic hlava pull-through parameter - $f_{head,k}$[N/mm²]	Characteristic tensile únosnost - $f_{tens,k}$[kN]	Characteristic torsional pevnost - ftor,k[Nm]
ESCRFTC8.0	20.3	13.1	12.4	24.1	25.8
ESCRFTC10.0	36.7	12.5	12.2	40	55
ESCRFTC12.0	48.5	11.2	11	46.7	73

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