Technical Sheet

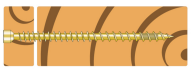
ESCRFTZ

Fully Threaded Cylinder Head Structural Screw

The ESCRFTZ cylindrical head structural wood screw with full thread is designed for timber framing, framework and reinforcement. This screw can be used for a wide range of applications in professional wood construction.

Find it in the Solid Wood Application >





Features

Material

- Hardened carbon steel
- Electrogalvanized yellow passivated

Advantages

- **Cylinder head:** ideal for discreet timber/timber assembly with head flush with surface or sunk into timber
- **Full asymetrical thread** for a maximum withdrawal capacity, allows compressive load bearing
- **Torx driven:** reduces the wear of the bit

Applications

Suitable for

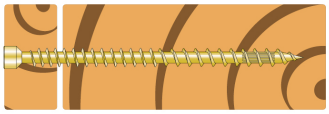
- Solid Timber, Glulam timber, CLT, Wood-based panels

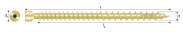
When to use

- Timber to timber assembly
- Timber reinforcement (to transversile tension or compression)
- **Crossed pair of screws assembly for optimal capacity**

ESCRFTZ
Fully Threaded Cylinder Head Structural Screw

Technical Data





Rozměry a typické hodnoty

Reference	Fasteners rozměry[mm]						
	ostatní		rozměry výrobku[mm]				
	množství v krabici	hmotnost[kg]	d[mm]	l[mm]	dh[mm]	závit délka[mm]	Driver Bit[mm]
ESCRFTZ8.0X120	50.0	0.025	8	120	10.2	110	T-40
ESCRFTZ8.0X140	50.0	0.032	8	140	10.2	130	T-40
ESCRFTZ8.0X160	50.0	0.007	8	160	10.2	150	T-40
ESCRFTZ8.0X180	50.0	0.008	8	180	10.2	170	T-40
ESCRFTZ8.0X200	50.0	0.008	8	200	10.2	190	T-40
ESCRFTZ8.0X220	50.0	0.009	8	220	10.2	210	T-40
ESCRFTZ8.0X240	50.0	0.01	8	240	10.2	230	T-40
ESCRFTZ8.0X260	50.0	0.011	8	260	10.2	250	T-40
ESCRFTZ8.0X280	50.0	0.012	8	280	10.2	270	T-40
ESCRFTZ8.0X300	50.0	0.012	8	300	10.2	290	T-40
ESCRFTZ8.0X350	50.0	0.014	8	350	10.2	340	T-40
ESCRFTZ8.0X400	50.0	0.017	8	400	10.2	390	T-40

Mekaniske egenskaber

Reference	šroub parametry			
	charakteristické parametry			
	Characteristic Yield Moment – My,k[Nm]	Characteristic withdrawal parameter - $f_{ax,k,90°}$[N/mm²]	Characteristic tensile únosnost - $f_{tens,k}$[kN]	Characteristic torsional pevnost - ftor,k[Nm]
ESCRFTZ8.0X120	20.3	13.1	24.1	-
ESCRFTZ8.0X140	20.3	13.1	24.1	-
ESCRFTZ8.0X160	20.3	13.1	24.1	-
ESCRFTZ8.0X180	20.3	13.1	24.1	-
ESCRFTZ8.0X200	20.3	13.1	24.1	-
ESCRFTZ8.0X220	20.3	13.1	24.1	-
ESCRFTZ8.0X240	20.3	13.1	24.1	-
ESCRFTZ8.0X260	20.3	13.1	24.1	-
ESCRFTZ8.0X280	20.3	13.1	24.1	-
ESCRFTZ8.0X300	20.3	13.1	24.1	-
ESCRFTZ8.0X350	20.3	13.1	24.1	-
ESCRFTZ8.0X400	20.3	13.1	24.1	-

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