Technical Sheet

TTZNFS
Countersunk Wood Screw Impreg®+

The TTZNFS has the latest Impreg®+ coating meaning that it is suitable for outdoor use. The type 17 point allows for easier installation and prevents any splitting of the timber whilst the serrated thread helps reduce the installation torque. 80mm and longer variants have an additional milling thread to further reduce the installation torque. This screw has a 6 lobe drive and countersunk head which allows for a flush finish in the timber. The TTZNFS is CE marked to EN14592.







Features

Material

Steel - Impreg®+ coating

Features

- CE marked to EN14592
- 6 lobe drive
- Flat countersunk head with prismatic design
- Type 17 point
- Serrated thread
- Impreg®+ coating

Applications

Suitable For

- Timber to timber applications

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Technical Data



Product Dimensions

Reference	Fasteners Dimensions[mm]							
	Item Code	Other	Product Dimensions[mm]					
		Weight[kg]	d[mm]	l[mm]	dh[mm]	Head Diameter[mm]	Thread Length[mm]	Driver Bit[mm]
TTZNFS4.5X25	74481	0.002	4.5	25	8.4	2.8	20	T-20
TTZNFS4.5X30	74482	0.002	4.5	30	8.4	2.8	25	T-20
TTZNFS4.5X40	74483	0.003	4.5	40	8.4	2.8	35	T-20
TTZNFS4.5X50	74484	0.003	4.5	50	8.4	2.8	30	T-20
TTZNFS4.5X60	74485	0.004	4.5	60	8.4	2.8	35	T-20
TTZNFS4.5X70	74486	0.005	4.5	70	8.4	2.8	40	T-20
TTZNFS5.0X50	74489	0.004	5	50	9.5	3.2	30	T-25
TTZNFS5.0X60	74490	0.005	5	60	9.5	3.2	35	T-25
TTZNFS5.0X70	74491	0.006	5	70	9.5	3.2	40	T-25
TTZNFS5.0X80	74493	0.007	5	80	9.5	3.2	40	T-25
TTZNFS5.0X90	74495	0.007	5	90	9.5	3.2	45	T-25
TTZNFS5.0X100	74487	0.008	5	100	9.5	3.2	60	T-25
TTZNFS5.0X120	74488	0.009	5	120	9.5	3.2	60	T-25
TTZNFS6.0X60	74504	0.007	6	60	11.6	3.8	35	T-30
TTZNFS6.0X70	74505	0.008	6	70	11.6	3.8	40	T-30
TTZNFS6.0X80	74506	0.01	6	80	11.6	3.8	40	T-30
TTZNFS6.0X90	74508	0.011	6	90	11.6	3.8	45	T-30
TTZNFS6.0X100	74497	0.012	6	100	11.6	3.8	60	T-30
TTZNFS6.0X120	74499	0.015	6	120	11.6	3.8	70	T-30
TTZNFS6.0X140	74501	0.016	6	140	11.6	3.8	70	T-30
TTZNFS6.0X160	74502	0.018	6	160	11.6	3.8	70	T-30

* not covered by CE marking

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Characteristic Capacities

Reference	Screw Parameters			
	Characteristic parameters			
	Characteristic Yield Moment – $M_{y,k}$[Nm]	Characteristic withdrawal parameter - $f_{ax,k,90°}$[N/mm²]	Characteristic head pull-through parameter - $f_{head,k}$[N/mm²]	Characteristic tensile capacity - $f_{tens,k}$[kN]
TTZNFS4.5X25	4660	14.7	15.6	7.8
TTZNFS4.5X30	4660	14.7	15.6	7.8
TTZNFS4.5X40	4660	14.7	15.6	7.8
TTZNFS4.5X50	4660	14.7	15.6	7.8
TTZNFS4.5X60	4660	14.7	15.6	7.8
TTZNFS4.5X70	4660	14.7	15.6	7.8
TTZNFS5.0X50	6720	15	17.1	7.9
TTZNFS5.0X60	6720	15	17.1	7.9
TTZNFS5.0X70	6720	15	17.1	7.9
TTZNFS5.0X80	6720	15	17.1	7.9
TTZNFS5.0X90	6720	15	17.1	7.9
TTZNFS5.0X100	6720	15	17.1	7.9
TTZNFS5.0X120	6720	15	17.1	7.9
TTZNFS6.0X60	9500	12.5	16.6	11.1
TTZNFS6.0X70	9500	12.5	16.6	11.1
TTZNFS6.0X80	9500	12.5	16.6	11.1
TTZNFS6.0X90	9500	12.5	16.6	11.1
TTZNFS6.0X100	9500	12.5	16.6	11.1
TTZNFS6.0X120	9500	12.5	16.6	11.1
TTZNFS6.0X140	9500	12.5	16.6	11.1
TTZNFS6.0X160	9500	12.5	16.6	11.1

Refer to relevant ITTR or ETA for more details

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