WT

Screw with countersunk head, TX

Diameters: ⌀4 mm
Length range: 45 mm

Screw is designed to be installed in outdoor environments into very hard woods.
Ideal for concealed fastening of decking boards with the use of clips in tongue and groove joints.

TX DRIVE

A2 INOX

CE
PN-EN 14592:2008
+A1:2012

SCREW MATERIAL - Stainless Steel A2
TYPE ON INSTALLATION - Pre-drilling is always recommended for very hard woods.

APPLICATION:
Fastening of decking boards with the use of clips in tongue and groove joints

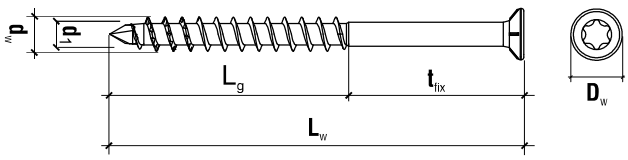
PRODUCT ADVANTAGES:

TX DRIVE - TX drive guarantees optimum torque transfer.

CUTTING RIBS AND SPECIAL SHAPED 6 mm HEAD - Allow optimal and smooth counter-sink with aesthetic finish result.

SERRATED THREAD - Special cutting notches integrated on the thread cut wood fibres structure while screwing in.

SPECIAL CUTTING POINT - Special design of cutting point enables quick initiation of screwing and prevents splitting of wooden elements.



Codes and dimensions						
	Product code	Dimensions	Thread length	Max. usable length	Type of drive	Quantity
		d_w x L_w [mm]	L_g [mm]	t_{fix} [mm]	[-]	[pcs]
WT-4						
Ø4	**WT-40045-A2**	4,0 x 45	30	15	TX 15	200

Geometry				
Product	Outer thread diameter	Inner thread diameter	Head diameter	Length range
	d_w [mm]	d_1 [mm]	D_w [mm]	L_w [mm]
WT Ø4	4	2,8	5,8	45

Mechanical characteristics					
Product	Characteristic yield moment	Characteristic withdrawal resistance parameter	Characteristic head-pull-through resistance parameter	Characteristic tensile strength	Characteristic torsional strength
	$M_{y,k}$ [N*m]	$f_{ax,k}$ [N/mm^2]	$f_{head,k}$ [N/mm^2]	$f_{tens,k}$ [kN]	$f_{tor,k}$ [N*m]
WT Ø4	3,13	15,24	23,53	4,31	2,96

1. Characteristic withdrawal resistance based on reference density of timber p_a = 350 kg/m^3
2. Characteristic head-pull-through resistance based on reference density of timber p_a = 350 kg/m^3

SUBSTRATES

Solid timber

Hardwood

INSTALLATION EXAMPLE (Screws recommended for fastening of decking boards with the use of clips - concealed fastening)