

MINI WT

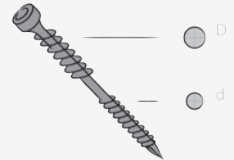
Small-size twin-thread screw

Carbon steel with durocoat



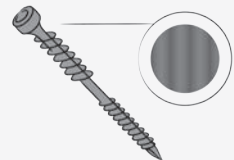
OPTIMISED SIZE

Small size hidden head and high-performance twin thread for stable and secure fastening of smaller thicknesses



DUROCOAT AND STAINLESS A2

Available in carbon steel with durocoat surface treatment and in stainless steel A2



Codes and dimensions

SAFE FASTENING OF SMALLER THICKNESSES

The special features of the high-performance twin thread and cylindrical hidden head allow for secure and stable fastening of smaller sized wood

EXTERIOR APPLICATIONS

Also ideal for exterior applications, thanks to the durocoat treatment or the stainless steel A2 version

d _i [mm]	code	L [mm]	Material	s _g [mm]	s _s [mm]	pcs/pckg
4,5 TX20	CS100930	40	T	20	15	200
	CS100935	60	T	23	17	
5 TX20	CS100950	45	S	23	17	200
	CS100955	60	S	23	17	
6,5 TX30	CS100970*	65	S	28	28	100
	CS100980*	90	S	40	40	
	CS100990*	130	S	55	55	

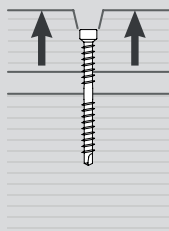
MINI WT COLLATED

4,5 TX20	CS100940	40	T	20	15	750
	CS100945	60	T	23	17	
5 TX20	CS100960	45	S	23	17	750
	CS100965	60	S	23	17	

* Stainless steel A2 items available upon request; carbon steel items can be found in the STRUCTURES chapter

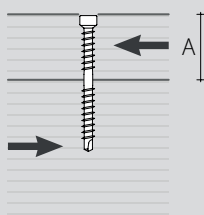
T = Carbon steel with Durocoat treatment / S = Stainless steel A2

PARTIAL THREAD WITHDRAWAL N_{adm}



d_1 [mm]	L [mm]	s_s [mm]	N_{adm}
6,5	65	28	109 kg
	90	40	156 kg
	130	55	215 kg

SHEAR V_{adm}



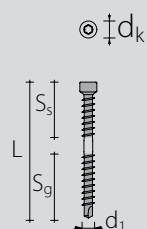
WOOD-WOOD

d_1 [mm]	L [mm]	A [mm]	V_{adm}
6,5	65	35	45 kg
	90	50	62 kg
	130	70	72 kg

NOTE

- Allowable values in accordance with DIN 1052:1988.

Geometry



MINI WT CONNECTOR				
Nominal diameter	d_1 [mm]	4,5	5,0	6,5 *
Head diameter	d_k [mm]	6,50	7,00	8,00
Characteristic yield moment	$M_{y,k}$ [Nmm]	-	-	7000
Characteristic extraction-resistance parameter	$f_{ax,k}$ [N/mm ²]	-	-	12,9
Characteristic tensile strength	$f_{tens,k}$ [kN]	-	-	9,1
Characteristic yield strength	$f_{y,k}$ [N/mm ²]	-	-	545

* CE marking according to ETA-12/0063