

WHO Hardened self-tapping flat head screw for PVC frames and connections in timber, TX



AT-15-8977/2012



Description

Application	Screw for installation of e.g. window and door frames
Type of installation	This screw does require prior drilling
Substrate	Concrete, masonry, timber
Material	Zinc-plated low carbon steel

Features and advantages



Screw length

We manufacture screws up to 212 mm long.



TX drive

TX drive guarantees optimum torque transfer.



Countersunk head with cutting ribs

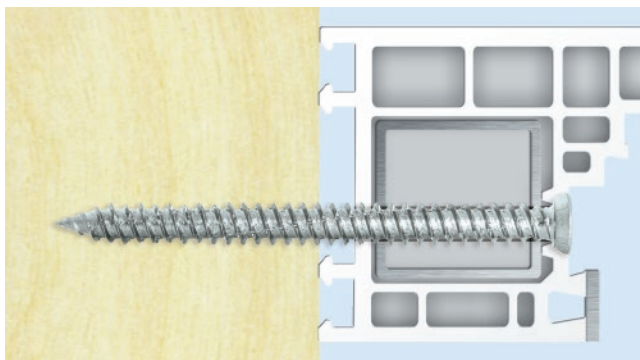
Countersunk head ensures flush fitting of the screw in the installed member. Self-countersinking head ensures aesthetic finish result.



Serrated thread

Thread design guarantees reliable and long-lasting connection – both in timber and masonry

Sample application



DESIGN RESISTANCE

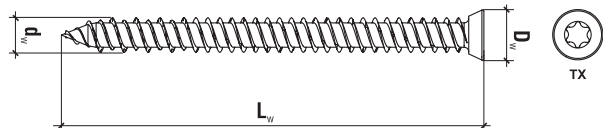
Substrate	Anchorage h_{eff} [mm]	Value [kN]
Design resistance in concrete C20/25*	30	1.68
Design resistance in solid brick**	40	0.95
Design resistance in solid silica brick***	40	0.97



*Normal weight concrete C20/25

**Solid clay brick, class not lower than 10

***Solid sand-lime brick, class not lower than 20

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	Code	$d_w \times L_w$ [mm]	D_w [mm]	Pre-drilled hole d_0 [mm]	TX 	Pcs 
ø7.5	WHO-75042	7.5 x 42	11	6	TX 30	200
	WHO-75062	7.5 x 62	11	6	TX 30	200
	WHO-75082	7.5 x 82	11	6	TX 30	100
	WHO-75102	7.5 x 102	11	6	TX 30	100
	WHO-75112	7.5 x 112	11	6	TX 30	100
	WHO-75132	7.5 x 132	11	6	TX 30	100
	WHO-75152	7.5 x 152	11	6	TX 30	100
	WHO-75182	7.5 x 182	11	6	TX 30	100
	WHO-75212	7.5 x 212	11	6	TX 30	100

