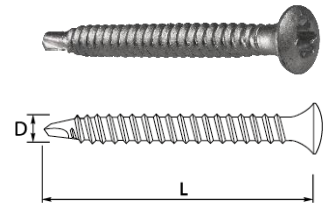


## GTSX-B

**BIMETALLIC, DRILLING, SELF-TAPPING  
STAINLESS STEEL INSULATION SCREWS**

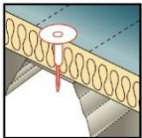


### PRODUCT DESCRIPTION

Drilling, self-tapping screws made of austenitic stainless steel (bimetallic), with a reduced drilling point, fine thread, and bugle head with TORX25 slot. Additional corrosion protection: gRey.coat coating.

### APPLICATION

Designed for fastening insulation materials in applications of flat roofs in combination with a plastic tube for corrugated structural steel sheets (up to 2 x 1,25 mm). Designed for use in environments with corrosivity class C1, C2, C3, C4, C5 according to PN-EN ISO 12944-2: 2001 standards.



### LENGTH OF SCREWS

Fastener type	Dimensions of fasteners D x L [mm]
GTSX-B	4,8 x 60

## EUROPEAN TECHNICAL APPROVAL ETA-12/0149

### CHARACTERISTIC LOAD CAPACITY OF PULL-OUT FIXINGS FROM STEEL SUBSTRATE

Characteristic load bearing capacity of pull-out resistance [kN]								
Fastener	Sleeve or washer	Substrate						
		Steel sheet S280GD acc. to EN 10346						
		t ≥ 0,50 mm	t ≥ 0,63 mm	t ≥ 0,70 mm	t ≥ 0,75 mm	t ≥ 0,88 mm	t ≥ 1,00 mm	t ≥ 1,25 mm
<b>GTSX-B 4,8xL</b>	G1, G2	-	-	-	0,82	1,06	1,46	1,46

To define a design load should divide the value of the characteristic load by a safety factor  $\gamma_m = 1,33$ .

## OTHER FEATURES

BASE MATERIAL: *TRAPEZOIDAL METAL SHEET*

TYPE OF CUT: *TX25*

ADDITIONAL CORROSION PROTECTION: *gRey.coat*

CORROSIVITY CATEGORY: *C5*

TECHNICAL OPINION ON CORROSION PROTECTION: *02248/16/Z00NZM*

MINIMUM THICKNESS OF SHEETS: *0,75 mm*

MAXIMUM CAPACITY OF DRILLING: *2 x 1,25 mm*

RECOMMENDED ROTARY SPEED (IDLE): *1500 rpm*

POSSIBILITY OF COMPLETE WITH: *PLASTIC SLEEVE G1, G2*



ETA



DWU/DoP



KDWU



ZKP