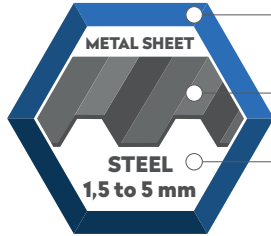




# SELF-DRILLING TORX SCREW DP3

## APPLICATION



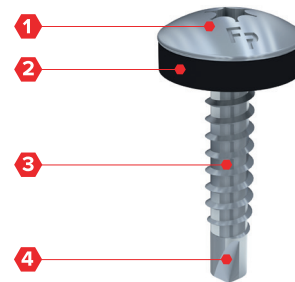
Galvanised

Metal sheet Screw

Steel 1,5 to 5 mm

## SPECIFICATION

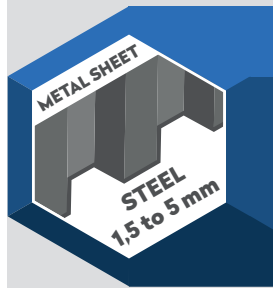
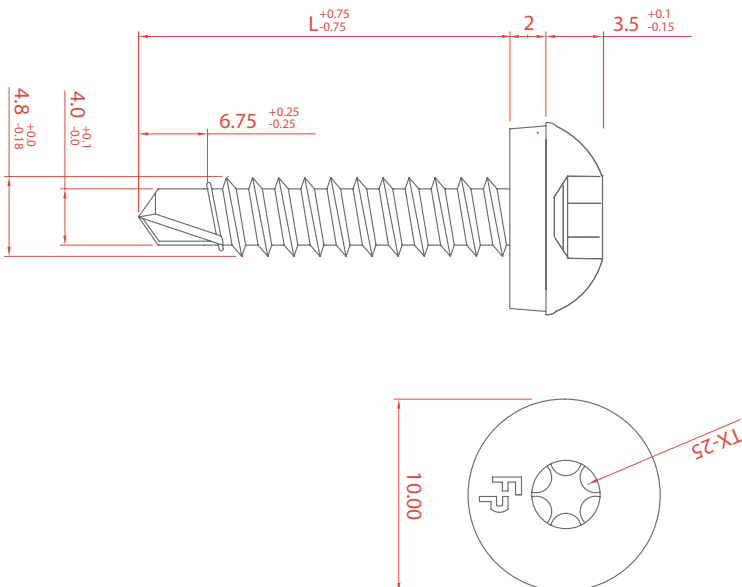
- 1 Head style Torx 25
- 2 Washer SS/EPDM 9 mm
- 3 Thread for substructure steel 1,5 to 5 mm
- 4 Drilling point 3



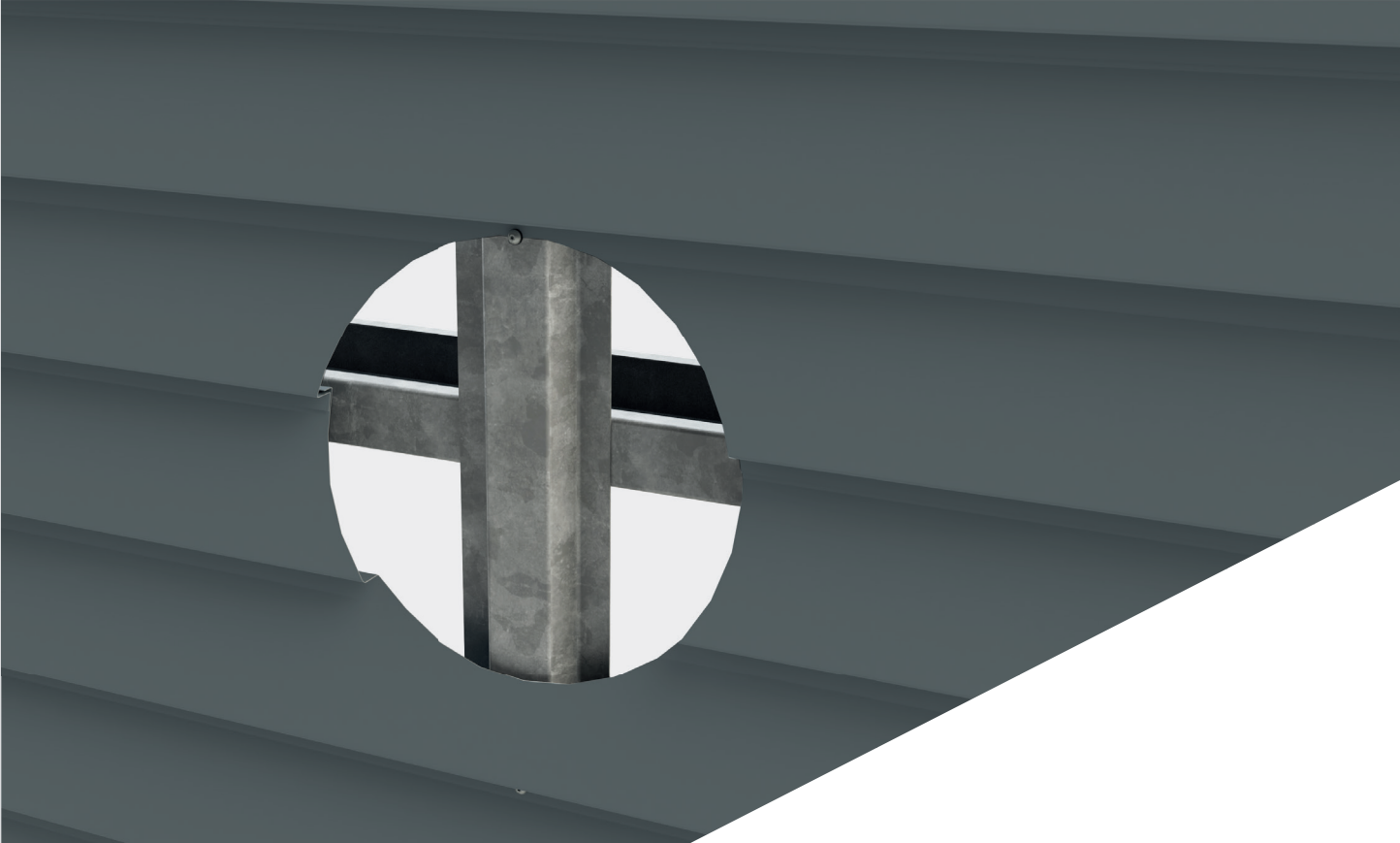
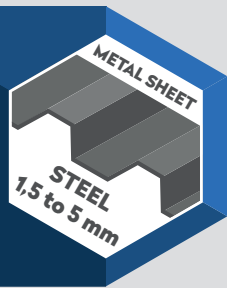
## OPTIONS

- 1 Powder coated in any desired RAL colour

## SECTION



METAL SHEETS - STEEL 1,5 - 5 MM - GALVANISED



## ORDER INFORMATION

Product	Washer	Size (L)	Packaging	Article code
Self-Drilling torx Screw 4,8 x 20 - DP3	No	20 mm	500 pcs/box	20040348020M
Self-Drilling torx Screw 4.8 x 20 - DP3	Yes	20 mm	500 pcs/box	20040348020M09



More information on materials, application, specific properties and certification can be found in chapter 10.



## CERTIFICATES

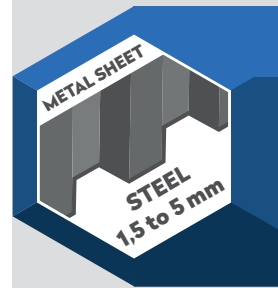
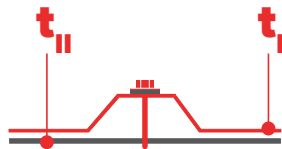



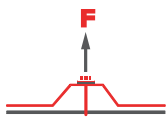
QUALITY  
CONFIRMED

**SELF-DRILLING TORX SCREW 4,8 X L - DP3, WASHER DIAMETER Ø 10,0 MM**

Materials	
<b>Screw</b>	Galvanised steel
<b>Washer</b>	Galvanised steel
<b>Material A (<math>t_I</math>)</b>	S280GD, S320GD and S350GD conform EN 10346
<b>Material B (<math>t_{II}</math>)</b>	S235 conform EN 10025-2, S280GD, S320GD and S350GD conform EN 10346
<b>Drilling capacity</b>	Steel ≤ 5 mm



		$t_{II}$ [mm]	$t_I$ [mm]						
			0,75	1,00	1,50	2,00	3,00	4,00	6,00
 $V_{R,k}$ [kN]	<b>0,40</b>	1,01	1,01	1,01	1,01	1,01	1,01	1,01	
	<b>0,50</b>	1,52	1,52	1,52	1,52	1,52	1,52	1,52	
	<b>0,55</b>	1,56	1,56	1,56	1,56	1,56	1,56	1,56	
	<b>0,63</b>	1,63	1,63	1,63	1,63	1,63	1,63	1,63	
	<b>0,75</b>	1,73	1,73	1,73	1,73	1,73	1,73	1,73	
	<b>0,88</b>	1,73	2,71	2,71	2,71	2,71	2,71	2,71	
	<b>1,00</b>	2,71	2,71	2,71	2,71	2,71	2,71	2,71	
	<b>1,13</b>	2,71	2,71	2,71	2,71	2,71	2,71	2,71	
	<b>1,25</b>	2,71	2,71	2,71	2,71	2,71	2,71	2,71	
 $N_{R,k}$ [kN]	<b>0,40</b>	0,56	1,27	1,27	1,27	1,27	1,27	1,27	
	<b>0,50</b>	0,56	1,44	2,02	2,02	2,02	2,02	2,02	
	<b>0,55</b>	0,56	1,44	2,25	2,25	2,25	2,25	2,25	
	<b>0,63</b>	0,56	1,44	2,30	2,62	2,62	2,62	2,62	
	<b>0,75</b>	0,56	1,44	2,30	2,92	3,17	3,17	3,17	
	<b>0,88</b>	0,56	1,44	2,30	2,92	3,17	3,17	3,17	
	<b>1,00</b>	0,56	1,44	2,30	2,92	3,17	3,17	3,17	
	<b>1,13</b>	0,56	1,44	2,30	2,92	3,17	3,17	3,17	
	<b>1,25</b>	0,56	1,44	2,30	2,92	3,17	3,17	3,17	

**Note**

- Above mentioned values are characteristic values.
- To determine the design value we advise to apply a material factor of  $\gamma_m = 1,33$ .
- You can find further information and calculation examples on page 10.1.7.

**METAL SHEETS - STEEL 1,5 - 5 MM - GALVANISED**

