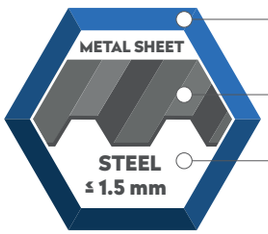
SELF-DRILLING TORX SCREW DP1

APPLICATION



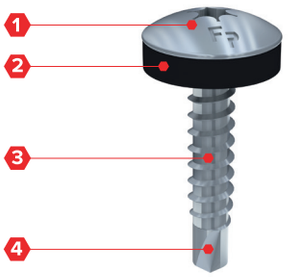
Galvanised

Metal sheet Screw

Steel ≤ 1,5 mm

SPECIFICATION

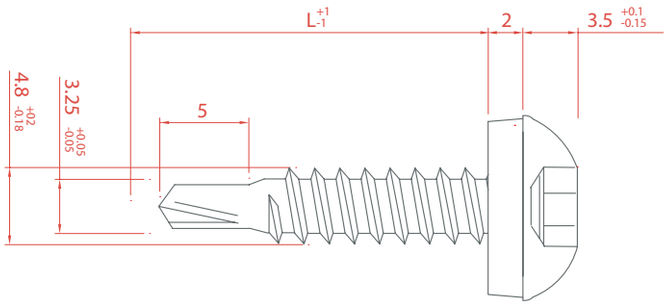
1. Head style Torx 25
2. Washer SS/EPDM 9 mm
3. Thread for substructure steel ≤ 1,5 mm
4. Drilling point 1

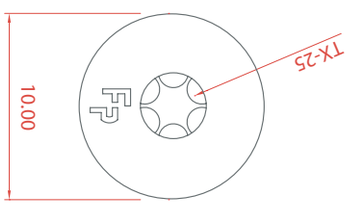


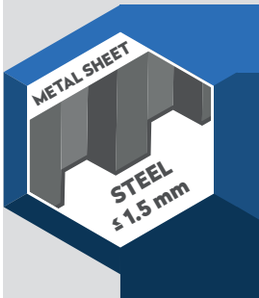
OPTIONS

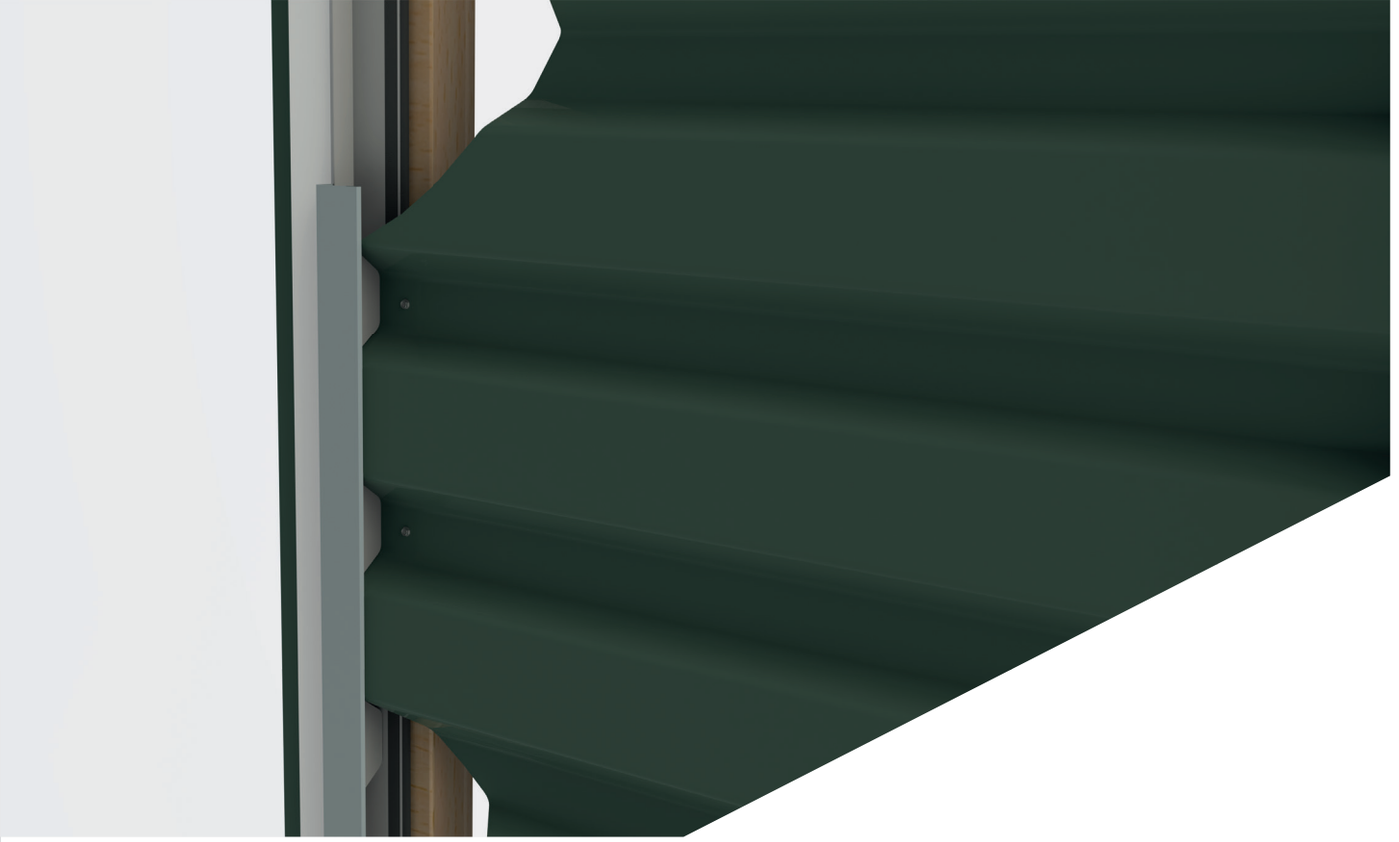
1. Powder coated in any desired RAL colour

SECTION









ORDER INFORMATION

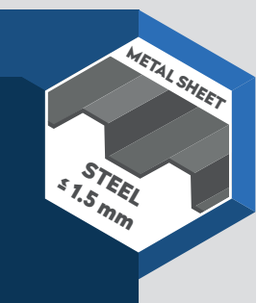
Product	Washer	Size *(L)*	Packaging	Article code
Self-Drilling torx Screw 4,8 x 20 - DP1	No	20 mm	500 pcs/box	20040148020M
Self-Drilling torx Screw 4,8 x 20 - DP1	Yes	20 mm	500 pcs/box	20040148020M09
Self-Drilling torx Screw 4,8 x 35 - DP1	No	35 mm	500 pcs/box	20040148035M
Self-Drilling torx Screw 4,8 x 35 - DP1	Yes	35 mm	500 pcs/box	200401148035M09

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

CERTIFICATES

CE

FP QUALITY CONFIRMED

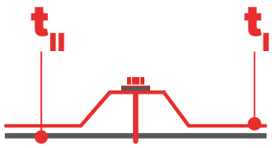


SELF-DRILLING TORX SCREW 4,8 X L - DP1, WASHER DIAMETER Ø 10,0 MM

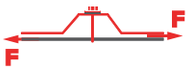
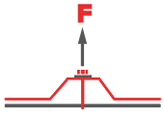
Materials	
Screw	Galvanised steel
Washer	Galvanised steel
Material A (t_I)	S280GD, S320GD and S350GD conform EN 10346
Material B (t_{II})	S235 conform EN 10025-2, S280GD, S320GD and S350GD conform EN 10346
Drilling capacity	Steel ≤ 1,5 mm

CE

QUALITY CONFIRMED



WASHER DIAMETER 10 mm

		t_{N1} [mm]	t_{II} [mm]										
			0,40	0,50	0,55	0,63	0,75	0,88	1,00	1,13	1,25	1,50	2,00
	$V_{R,k}$ [kN]	**0,40**	0,78	0,78	0,78	0,78	0,78	0,78	0,78	0,78	0,78	0,78	0,78
		0,50	0,78	1,04	1,04	1,04	1,04	1,04	1,04	1,04	1,04	1,04	1,04
		0,55	0,78	1,04	1,21	1,21	1,21	1,21	1,21	1,21	1,21	1,21	1,21
		0,63	0,78	1,04	1,21	1,48	1,48	1,48	1,48	1,48	1,48	1,48	1,48
		0,75	0,78	1,04	1,21	1,48	1,90	1,90	1,90	1,90	1,90	1,90	1,90
		0,88	0,78	1,04	1,21	1,48	1,90	3,05	3,05	3,05	3,05	3,05	3,05
		1,00	0,78	1,04	1,21	1,48	1,90	3,05	3,05	3,05	3,05	3,05	3,05
		1,13	0,78	1,04	1,21	1,48	1,90	3,05	3,05	3,05	3,05	3,05	3,05
		1,25	0,78	1,04	1,21	1,48	1,90	3,05	3,05	3,05	3,05	3,05	3,05
	$N_{R,k}$ [kN]	**0,40**	0,34	0,52	0,59	0,71	0,88	1,29	1,29	1,29	1,29	1,29	1,29
		0,50	0,34	0,52	0,59	0,71	0,88	1,29	1,56	1,86	1,98	1,98	1,98
		0,55	0,34	0,52	0,59	0,71	0,88	1,29	1,56	1,86	2,13	2,21	2,21
		0,63	0,34	0,52	0,59	0,71	0,88	1,29	1,56	1,86	2,13	2,57	2,57
		0,75	0,34	0,52	0,59	0,71	0,88	1,29	1,56	1,86	2,13	2,70	3,12
		0,88	0,34	0,52	0,59	0,71	0,88	1,29	1,56	1,86	2,13	2,70	3,12
		1,00	0,34	0,52	0,59	0,71	0,88	1,29	1,56	1,86	2,13	2,70	3,12
		1,13	0,34	0,52	0,59	0,71	0,88	1,29	1,56	1,86	2,13	2,70	3,12
		1,25	0,34	0,52	0,59	0,71	0,88	1,29	1,56	1,86	2,13	2,70	3,12

Note

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