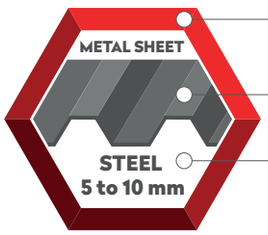
SELF-DRILLING TORX SCREW DP5

APPLICATION



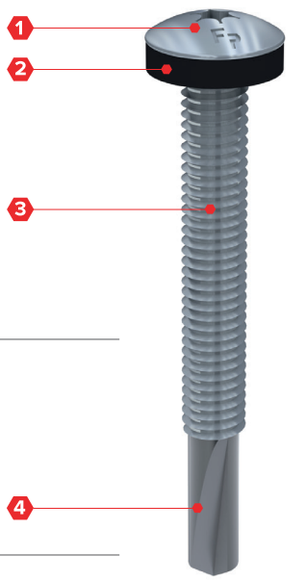
Bi-metal A2 304

Metal sheet Screw

Steel 5 to 10 mm

SPECIFICATION

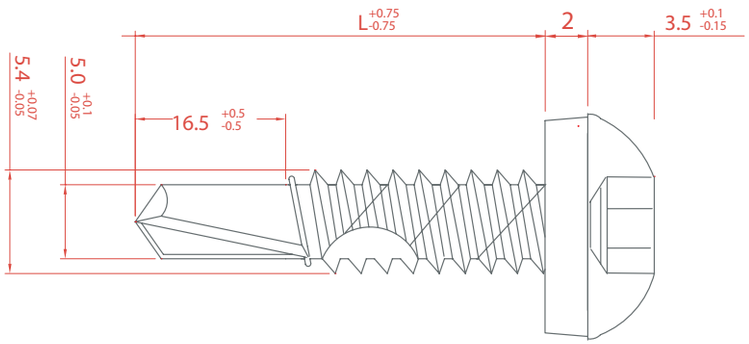
1. Head style Torx 25
2. Washer SS/EPDM 9 mm
3. Thread for substructure steel 5 to 10 mm
4. Drilling point 5 (hardened steel)

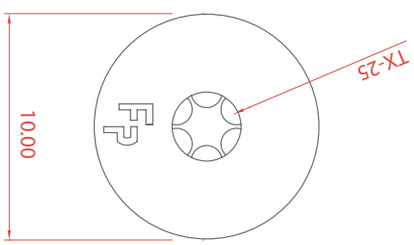


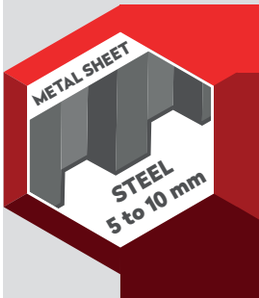
OPTIONS

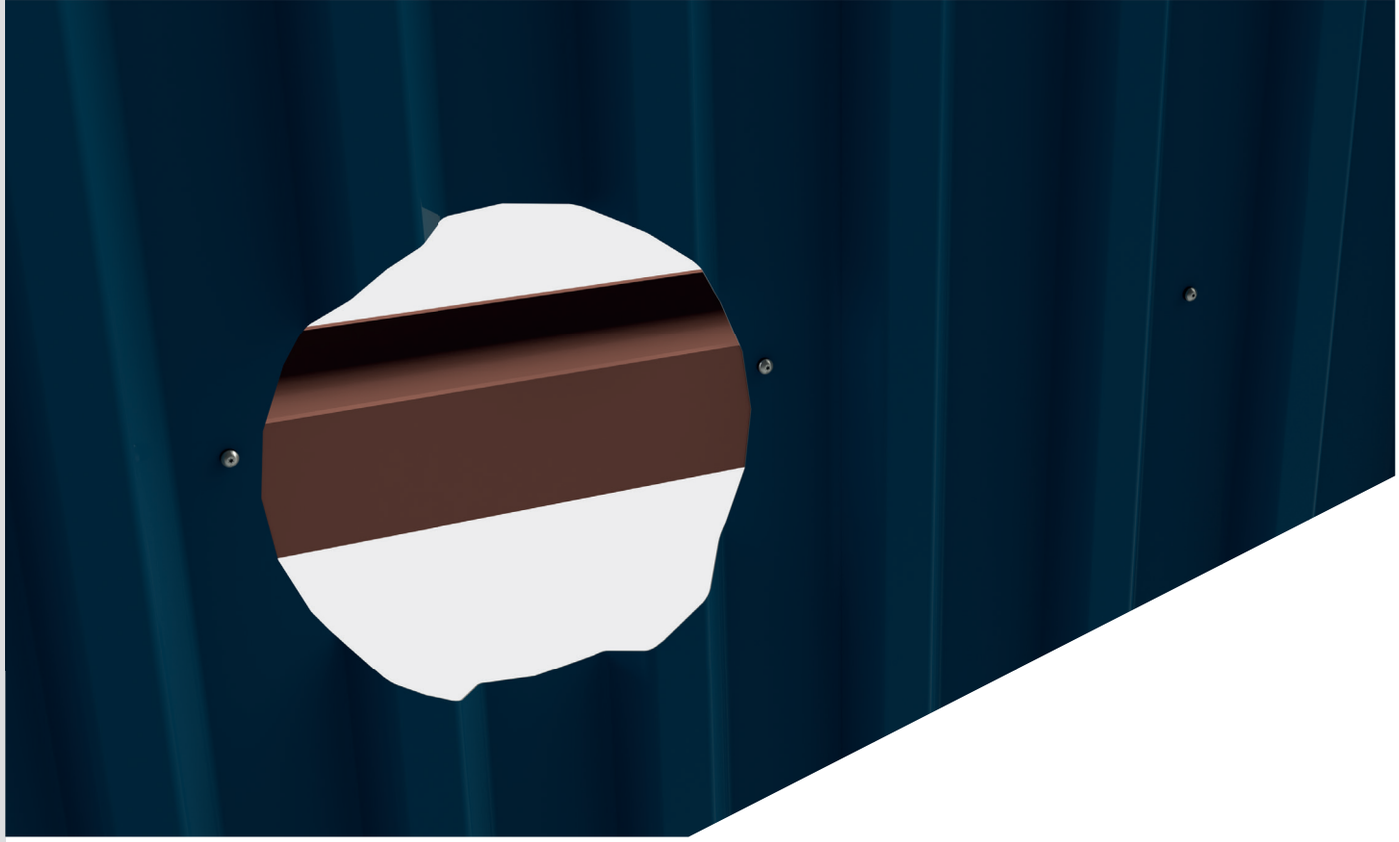
1. Powder coated in any desired RAL colour

SECTION









ORDER INFORMATION

Product	Washer	Size *(L)*	Packaging	Article code
Self-Drilling torx Screw 5,5 x 40 - DP5	No	40 mm	250 pcs/box	20010555040M
Self-Drilling torx Screw 5,5 x 40 - DP5	Yes	40 mm	250 pcs/box	20010555040M09

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

CERTIFICATES

CE

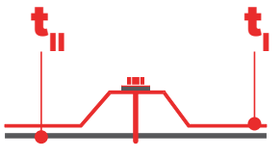
FP QUALITY CONFIRMED

SELF-DRILLING TORX SCREW 5,5 X L - DP5, WASHER DIAMETER Ø 10,0 MM

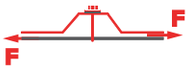
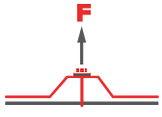
Materials	
Screw	SS 1.4301 (A2) - conform EN3506
Washer	SS 1.4301 (A2) - conform EN3506
Material A (t_I)	S280GD, S320GD and S350GD conform EN 10346
Material B (t_{II})	S235 conform EN 10025-2, S280GD, S320GD and S350GD conform EN 10346
Drilling capacity	Steel ≤ 10 mm

CE

FP QUALITY CONFIRMED



WASHER DIAMETER 10 mm

		t_{N1} [mm]	t_{II} [mm]									
			0,75	0,88	1,00	1,13	1,25	1,50	2,00	3,00	4,00	≥ 6,00
	$V_{R,k}$ [kN]	**0,40**	0,99	0,99	0,99	0,99	0,99	0,99	0,99	0,99	0,99	0,99
		0,50	1,63	1,63	1,63	1,63	1,63	1,63	1,63	1,63	1,63	1,63
		0,55	1,72	1,72	1,72	1,72	1,72	1,72	1,72	1,72	1,72	1,72
		0,63	1,86	1,86	1,86	1,86	1,86	1,86	1,86	1,86	1,86	1,86
		0,75	2,07	2,07	2,07	2,07	2,07	2,07	2,07	2,07	2,07	2,07
		0,88	2,07	3,23	3,23	3,23	3,23	3,23	3,23	3,23	3,23	3,23
		1,00	2,07	3,23	3,23	3,23	3,23	3,23	3,23	3,23	3,23	3,23
		1,13	2,07	3,23	3,23	3,23	3,23	3,23	3,23	3,23	3,23	3,23
		1,25	2,07	3,23	3,23	3,23	3,23	3,23	3,23	3,23	3,23	3,23
	$N_{R,k}$ [kN]	**0,40**	0,45	0,66	0,84	1,05	1,23	1,35	1,35	1,35	1,35	1,35
		0,50	0,45	0,66	0,84	1,05	1,23	1,62	2,22	2,22	2,22	2,22
		0,55	0,45	0,66	0,84	1,05	1,23	1,62	2,40	2,43	2,43	2,43
		0,63	0,45	0,66	0,84	1,05	1,23	1,62	2,40	2,77	2,77	2,77
		0,75	0,45	0,66	0,84	1,05	1,23	1,62	2,40	3,29	3,29	3,29
		0,88	0,45	0,66	0,84	1,05	1,23	1,62	2,40	4,04	4,04	4,04
		1,00	0,45	0,66	0,84	1,05	1,23	1,62	2,40	4,04	4,04	4,04
		1,13	0,45	0,66	0,84	1,05	1,23	1,62	2,40	4,04	4,04	4,04
		1,25	0,45	0,66	0,84	1,05	1,23	1,62	2,40	4,04	4,04	4,04

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.