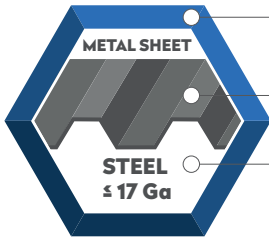




# SELF-DRILLING TORX SCREW DP1

## APPLICATION



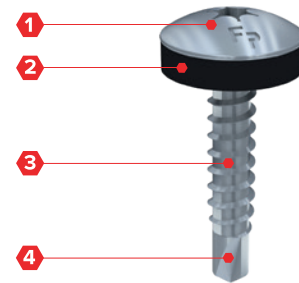
Galvanized

Metal sheet Screw

Steel  $\leq 17$  Ga

## SPECIFICATION

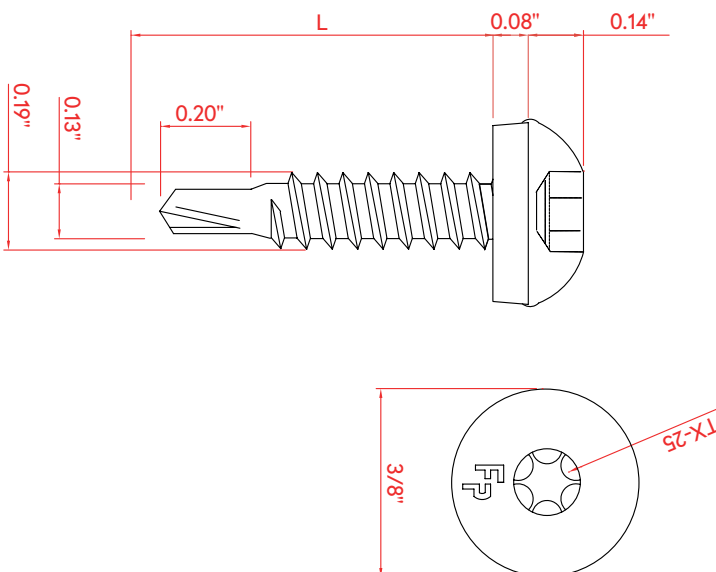
- 1 Head style Torx 25
- 2 Washer SS/EPDM 11/32"
- 3 Thread for substructure steel  $\leq 17$  Ga
- 4 Drilling point 1



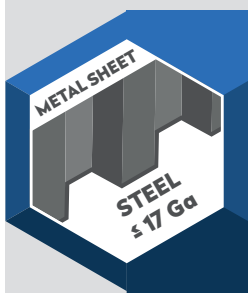
## OPTIONS

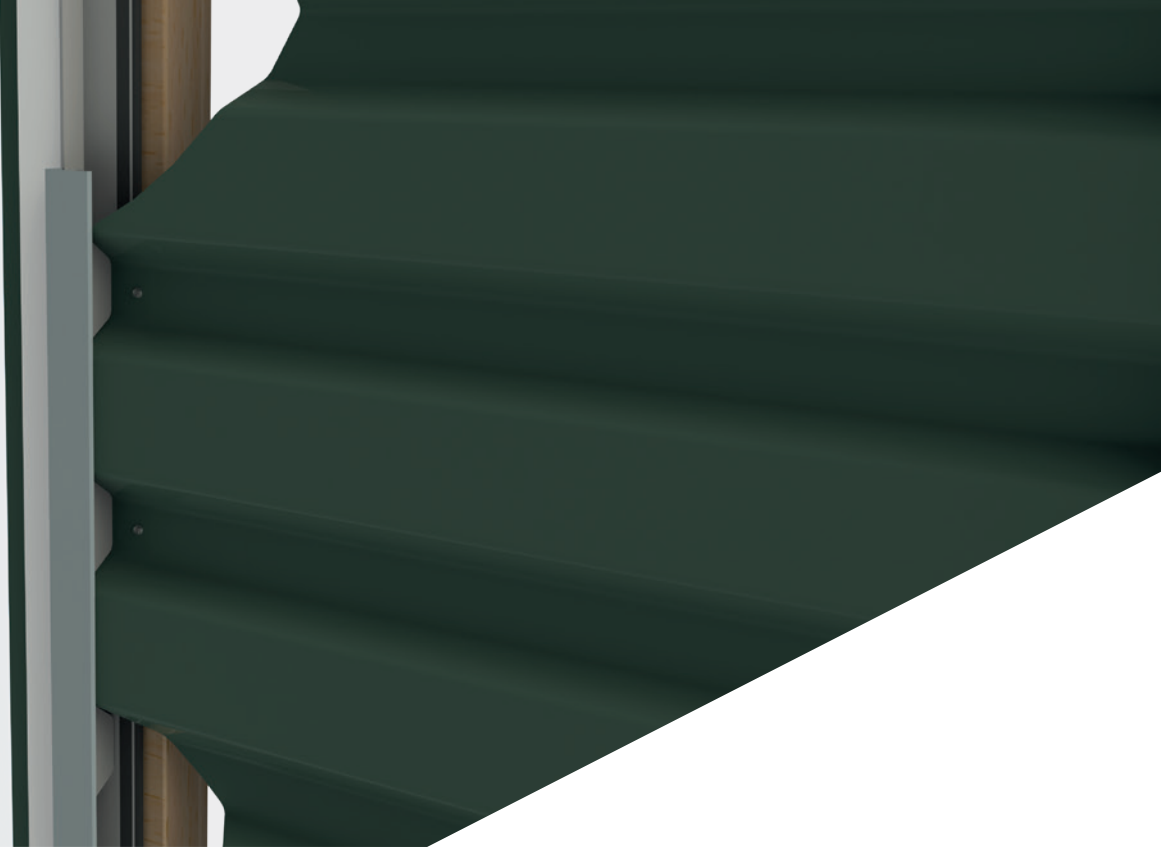
- 1 Powder coated in any desired RAL Color

## CROSS SECTION



METAL SHEETS - STEEL  $\leq 17$  GA - GALVANIZED





## ORDER INFORMATION

Product	Size (L)	Packaging	Article code
Self-Drilling Torx Screw - #10 x 3/4" – DP1	3/4"	500 pcs/box	20040148022M
Self-Drilling Torx Screw - #10 x 1 3/8" – DP1	1 3/8"	500 pcs/box	20040148035M

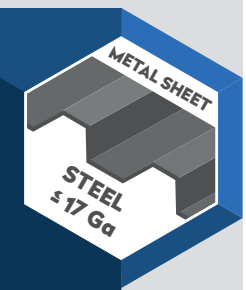


More information on materials, application, specific properties and certification can be found in chapter 10.

## CERTIFICATES





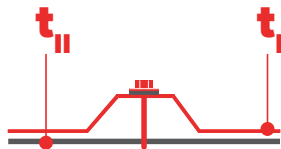
QUALITY  
CONFIRMED

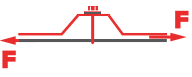
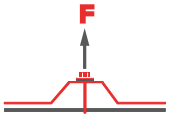


**SELF-DRILLING TORX SCREW #10 X L - DP1, WASHER DIAMETER Ø 3/8"**

Materials	
Screw	Galvanized steel
Washer	Galvanized steel
Material A ( $t_I$ )	S280GD, S320GD and S350GD according to EN 10346
Material B ( $t_{II}$ )	S235 according to EN 10025-2, S280GD, S320GD and S350GD according to EN 10346
Drilling capacity	Steel $\leq$ 17 Ga



	$t_{NI}$ [Ga]	$t_{II}$ [inch]										
		28 Ga	26 Ga	25 Ga	23 Ga	22 Ga	21 Ga	20 Ga	19 Ga	18 Ga	17 Ga	14 Ga
 $V_{R,k}$ [kN]	<b>28 Ga</b>	175	175	175	175	175	175	175	175	175	175	175
	<b>26 Ga</b>	175	233	233	233	233	233	233	233	233	233	233
	<b>25 Ga</b>	175	233	272	272	272	272	272	272	272	272	272
	<b>23 Ga</b>	175	233	272	332	332	332	332	332	332	332	332
	<b>22 Ga</b>	175	233	272	332	427	427	427	427	427	427	427
	<b>21 Ga</b>	175	233	272	332	427	685	685	685	685	685	685
	<b>20 Ga</b>	175	233	272	332	427	685	685	685	685	685	685
	<b>19 Ga</b>	175	233	272	332	427	685	685	685	685	685	685
	<b>18 Ga</b>	175	233	272	332	427	685	685	685	685	685	685
 $N_{R,k}$ [kN]	<b>28 Ga</b>	76	116	132	159	197	290	290	290	290	290	
	<b>26 Ga</b>	76	116	132	159	197	290	350	418	445	445	
	<b>25 Ga</b>	76	116	132	159	197	290	350	418	478	496	
	<b>23 Ga</b>	76	116	132	159	197	290	350	418	478	577	
	<b>22 Ga</b>	76	116	132	159	197	290	350	418	478	606	
	<b>21 Ga</b>	76	116	132	159	197	290	350	418	478	606	
	<b>20 Ga</b>	76	116	132	159	197	290	350	418	478	606	
	<b>19 Ga</b>	76	116	132	159	197	290	350	418	478	606	
	<b>18 Ga</b>	76	116	132	159	197	290	350	418	478	606	

**Note**

1. Above mentioned values are characteristic values.
2. To determine the design value, we suggest applying a material factor of  $\gamma_m = 1,33$ .
3. Please find additional information and calculation examples on page 10.1.7.

