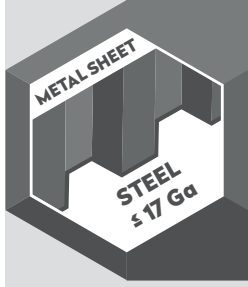
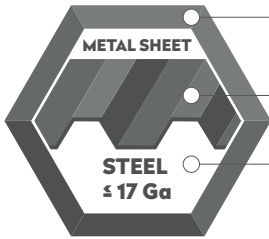




# SELF-DRILLING TORX SCREW DP1



## APPLICATION



SS SUS410

Metal sheet Screw

Steel ≤ 17 Ga

## SPECIFICATION

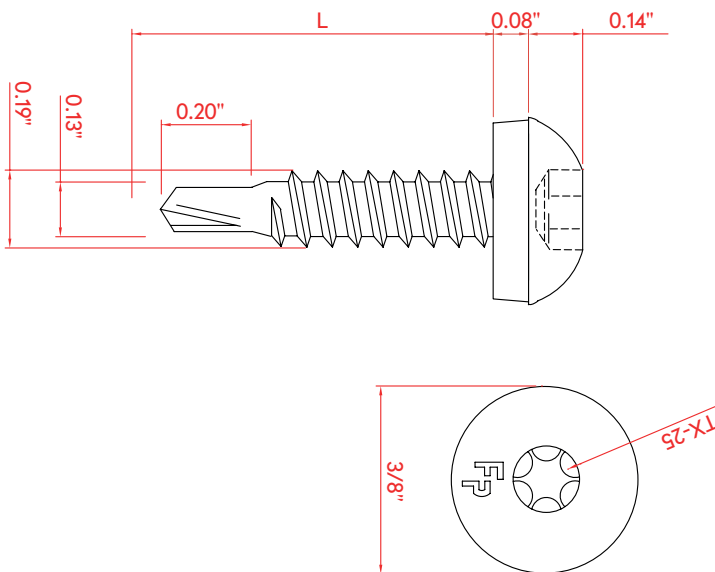
- 1 Head style Torx 25
- 2 Washer SS/EPDM 11/32"
- 3 Thread for substructure steel ≤ 17 Ga
- 4 Drilling point 1



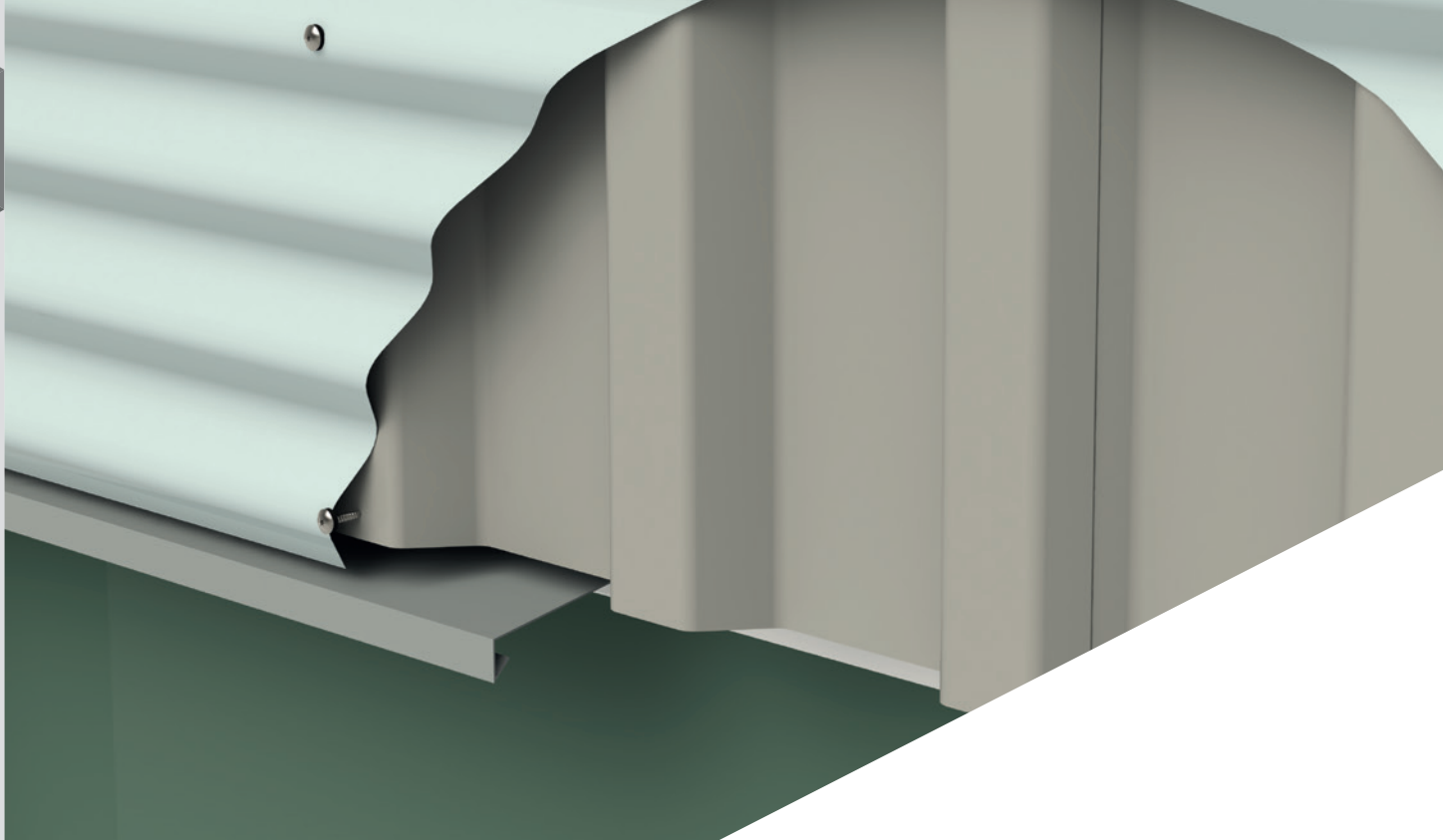
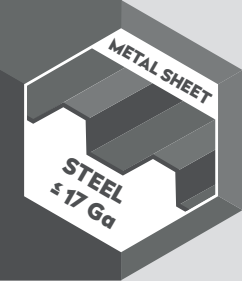
## OPTIONS

- 1 Powder coated in any desired RAL Color

## CROSS SECTION



METAL SHEETS - STEEL ≤ 17 GA - RVS SUS410



METAL SHEETS - STEEL ≤ 17 GA - RVS SUS410

## ORDER INFORMATION

Product	Size (L)	Packaging	Article code
Self-Drilling Torx Screw - #10 x 3/4" – DP1	3/4"	500 pcs/box	20030148022M

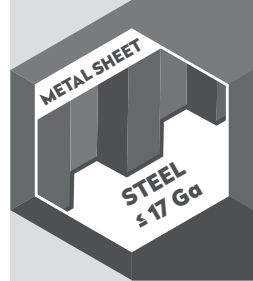


More information on materials, application, specific properties and certification can be found in chapter 10.

## CERTIFICATES





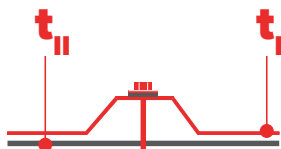
QUALITY  
CONFIRMED



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

Materials	
<b>Screw</b>	SS 1.4006 (SUS410) - according to EN3506
<b>Washer</b>	SS 1.4301 (A2) - according to EN3506
<b>Material A (<math>t_I</math>)</b>	S280GD, S320GD and S350GD according to EN 10346
<b>Material B (<math>t_{II}</math>)</b>	S235 according to EN 10025-2, S280GD, S320GD and S350GD according to EN 10346
<b>Drilling capacity</b>	Steel ≤ 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>	227	227	227	227	227	227	227	227	227	227	227
	<b>26 Ga</b>	227	341	341	341	341	341	341	341	341	341	341
	<b>25 Ga</b>	227	341	350	350	350	350	350	350	350	350	350
	<b>23 Ga</b>	227	341	350	366	366	366	366	366	366	366	366
	<b>22 Ga</b>	227	341	350	366	388	388	388	388	388	388	388
	<b>21 Ga</b>	227	341	350	366	388	609	609	609	609	609	609
	<b>20 Ga</b>	227	341	350	366	388	609	609	609	609	609	609
	<b>19 Ga</b>	227	341	350	366	388	609	609	609	609	609	609
	<b>18 Ga</b>	227	341	350	366	388	609	609	609	609	609	609
 $N_{R,k}$ [kN]	<b>28 Ga</b>	74	121	137	159	197	294	334	334	334	334	334
	<b>26 Ga</b>	74	121	137	159	197	294	357	427	458	458	458
	<b>25 Ga</b>	74	121	137	159	197	294	357	427	490	510	510
	<b>23 Ga</b>	74	121	137	159	197	294	357	427	490	593	593
	<b>22 Ga</b>	74	121	137	159	197	294	357	427	490	620	719
	<b>21 Ga</b>	74	121	137	159	197	294	357	427	490	620	861
	<b>20 Ga</b>	74	121	137	159	197	294	357	427	490	620	861
	<b>19 Ga</b>	74	121	137	159	197	294	357	427	490	620	861
	<b>18 Ga</b>	74	121	137	159	197	294	357	427	490	620	861

**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.

