





SELF-DRILLING TORX SCREW DP1

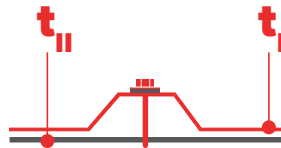
METAL SHEETS - STEEL ≤ 17 GA - RVS SUS410

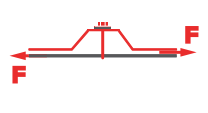

SELF-DRILLING TORX SCREW #10 X L - DP1, WASHER DIAMETER Ø 3/8"

Materials	
Screw	SS 1.4006 (SUS410) - according to EN3506
Washer	SS 1.4301 (A2) - according to EN3506
Material A (t_1)	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 ≤ 17 Ga







	t_{N1} [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]	28 Ga	227	227	227	227	227	227	227	227	227	227	227
	26 Ga	227	341	341	341	341	341	341	341	341	341	341
	25 Ga	227	341	350	350	350	350	350	350	350	350	350
	23 Ga	227	341	350	366	366	366	366	366	366	366	366
	22 Ga	227	341	350	366	388	388	388	388	388	388	388
	21 Ga	227	341	350	366	388	609	609	609	609	609	609
	20 Ga	227	341	350	366	388	609	609	609	609	609	609
	19 Ga	227	341	350	366	388	609	609	609	609	609	609
	18 Ga	227	341	350	366	388	609	609	609	609	609	609
 $N_{R,k}$ [kN]	28 Ga	74	121	137	159	197	294	334	334	334	334	334
	26 Ga	74	121	137	159	197	294	357	427	458	458	458
	25 Ga	74	121	137	159	197	294	357	427	490	510	510
	23 Ga	74	121	137	159	197	294	357	427	490	593	593
	22 Ga	74	121	137	159	197	294	357	427	490	620	719
	21 Ga	74	121	137	159	197	294	357	427	490	620	861
	20 Ga	74	121	137	159	197	294	357	427	490	620	861
	19 Ga	74	121	137	159	197	294	357	427	490	620	861
	18 Ga	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.