

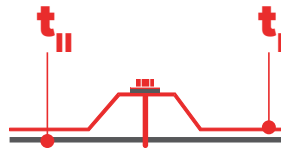


SELF-DRILLING TORX SCREW DP1

METAL SHEETS - STEEL ≤ 17 GA - BI-METAL A2 304

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

Materials	
Screw	SS 1.4301 (A2) - 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	87	107	128	161	211	274	274	274	274	274	274
	26 Ga	87	107	128	161	211	303	370	442	449	449	449
	25 Ga	87	107	128	161	211	303	370	442	505	505	505
	23 Ga	87	107	128	161	211	303	370	442	510	593	593
	22 Ga	87	107	128	161	211	303	370	442	510	647	726
	21 Ga	87	107	128	161	211	303	370	442	510	647	896
	20 Ga	87	107	128	161	211	303	370	442	510	647	896
	19 Ga	87	107	128	161	211	303	370	442	510	647	896
	18 Ga	87	107	128	161	211	303	370	442	510	647	896

Note

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