





SELF-DRILLING TORX SCREW DP1

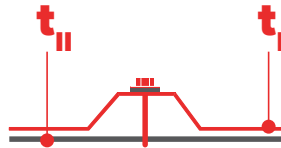
METAL SHEETS - STEEL ≤ 17 GA - GALVANIZED

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

Materials	
Screw	Galvanized steel
Washer	Galvanized steel
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	175	175	175	175	175	175	175	175	175	175	175
	26 Ga	175	233	233	233	233	233	233	233	233	233	233
	25 Ga	175	233	272	272	272	272	272	272	272	272	272
	23 Ga	175	233	272	332	332	332	332	332	332	332	332
	22 Ga	175	233	272	332	427	427	427	427	427	427	427
	21 Ga	175	233	272	332	427	685	685	685	685	685	685
	20 Ga	175	233	272	332	427	685	685	685	685	685	685
	19 Ga	175	233	272	332	427	685	685	685	685	685	685
	18 Ga	175	233	272	332	427	685	685	685	685	685	685
 $N_{R,k}$ [kN]	28 Ga	76	116	132	159	197	290	290	290	290	290	290
	26 Ga	76	116	132	159	197	290	350	418	445	445	445
	25 Ga	76	116	132	159	197	290	350	418	478	496	496
	23 Ga	76	116	132	159	197	290	350	418	478	577	577
	22 Ga	76	116	132	159	197	290	350	418	478	606	701
	21 Ga	76	116	132	159	197	290	350	418	478	606	701
	20 Ga	76	116	132	159	197	290	350	418	478	606	701
	19 Ga	76	116	132	159	197	290	350	418	478	606	701
	18 Ga	76	116	132	159	197	290	350	418	478	606	701

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.