

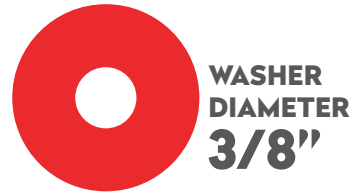
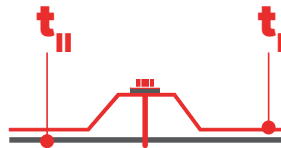


SELF-DRILLING TORX SCREW DP3

METAL SHEETS - STEEL 17 GA TO 6 GA - BI-METAL A2 304

SELF-DRILLING TORX SCREW #10 X L - DP3, 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 \leq 6 Ga



	t_{N1} [Ga]	t_{II} [inch]						
		22 Ga	21 Ga	20 Ga	19 Ga	18 Ga	17 Ga	4 Ga
 $V_{R,k}$ [kN]	28 Ga	220	220	220	220	220	220	220
	26 Ga	361	361	361	361	361	361	361
	25 Ga	373	373	373	373	373	373	373
	23 Ga	388	388	388	388	388	388	388
	22 Ga	411	411	411	411	411	411	411
	21 Ga	411	645	645	645	645	645	645
	20 Ga	645	645	645	645	645	645	645
	19 Ga	645	645	645	645	645	645	645
	18 Ga	645	645	645	645	645	645	645
 $N_{R,k}$ [kN]	28 Ga	105	215	292	292	292	292	292
	26 Ga	105	215	397	485	485	485	485
	25 Ga	105	215	397	530	530	530	530
	23 Ga	105	215	397	586	600	600	600
	22 Ga	105	215	397	586	708	708	708
	21 Ga	105	215	397	586	708	708	708
	20 Ga	105	215	397	586	708	708	708
	19 Ga	105	215	397	586	708	708	708
	18 Ga	105	215	397	586	708	708	708

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.