

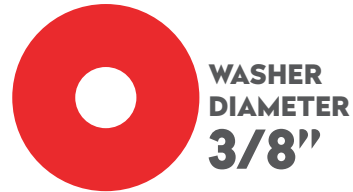
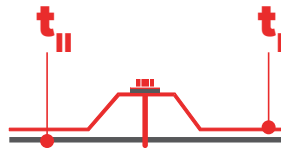


# SELF-DRILLING TORX SCREW DP5

**METAL SHEETS - STEEL 6 GA TO 3/8" - BI-METAL A2 304**

## SELF-DRILLING TORX SCREW #12 X L - DP5, 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 $\leq 3/8"$



	$t_{N1}$ [Ga]	$t_{II}$ [inch]									
		22 Ga	21 Ga	20 Ga	19 Ga	18 Ga	17 Ga	14 Ga	11 Ga	9 Ga	$\geq 4$ Ga
 $V_{R,k}$ [kN]	28 Ga	222	222	222	222	222	222	222	222	222	222
	26 Ga	366	366	366	366	366	366	366	366	366	366
	25 Ga	386	386	386	386	386	386	386	386	386	386
	23 Ga	418	418	418	418	418	418	418	418	418	418
	22 Ga	465	465	465	465	465	465	465	465	465	465
	21 Ga	465	726	726	726	726	726	726	726	726	726
	20 Ga	465	726	726	726	726	726	726	726	726	726
	19 Ga	465	726	726	726	726	726	726	726	726	726
	18 Ga	465	726	726	726	726	726	726	726	726	726
 $N_{R,k}$ [kN]	28 Ga	101	148	188	236	276	303	303	303	303	303
	26 Ga	101	148	188	236	276	364	499	499	499	499
	25 Ga	101	148	188	236	276	364	539	546	546	546
	23 Ga	101	148	188	236	276	364	539	622	622	622
	22 Ga	101	148	188	236	276	364	539	739	739	739
	21 Ga	101	148	188	236	276	364	539	908	908	908
	20 Ga	101	148	188	236	276	364	539	908	908	908
	19 Ga	101	148	188	236	276	364	539	908	908	908
	18 Ga	101	148	188	236	276	364	539	908	908	908

### 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.