



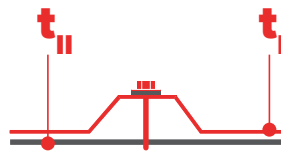


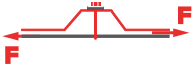

SELF-DRILLING SCREW PRO S15

METAL SHEETS - STEEL $\geq 15/32''$ - BI-METAL A2 304

SELF-DRILLING SCREW PRO S15 #12 X L, WASHER DIAMETER $\varnothing 3/4''$

Materials		  QUALITY CONFIRMED
Screw	SS 1.4301 (A2) - conform EN3506	
Washer	SS 1.4301 (A2) - conform EN3506	
Material A (t_{\perp})	S280GD, S320GD and S350GD conform EN 10346	
Material B (t_{\parallel})	S235 conform EN 10025-2, S280GD, S320GD and S350GD conform EN 10346	
Drilling capacity	Steel ≤ 4 Ga	



	t_{N1} [Ga]	t_{\parallel} [inch]						
		4 Ga	1/4"	5/16"	11/32"	3/8"	13/32"	$\geq 15/32''$
 $V_{R,k}$ [kN]	28 Ga	231	231	231	231	231	231	231
	26 Ga	377	377	377	377	377	377	377
	25 Ga	391	391	391	391	391	391	391
	23 Ga	411	411	411	411	411	411	411
	22 Ga	440	440	440	440	440	440	440
	21 Ga	440	676	676	676	676	676	676
	20 Ga	440	676	676	676	676	676	676
	19 Ga	440	676	676	676	676	676	676
	18 Ga	440	676	676	676	676	676	676
 $N_{R,k}$ [kN]	28 Ga	323	323	323	323	323	323	323
	26 Ga	483	483	483	483	483	483	483
	25 Ga	539	539	539	539	539	539	539
	23 Ga	624	624	624	624	624	624	624
	22 Ga	757	757	757	757	757	757	757
	21 Ga	921	921	921	921	921	921	921
	20 Ga	921	921	921	921	921	921	921
	19 Ga	921	921	921	921	921	921	921
	18 Ga	921	921	921	921	921	921	921

Note

- Above mentioned values are characteristic values.
- To determine the design value we advise to apply a material factor of $\gamma_m = 1,33$.
- You can find further information and calculation examples on page 10.1.7.