





SELF-DRILLING SCREW PRO S15

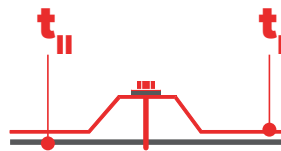
METAL SHEETS - STEEL $\geq 15/32''$ - BI-METAL A2 304


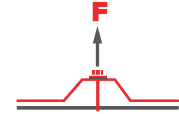
SELF-DRILLING SCREW PRO S15 #12 X L, WASHER DIAMETER $\varnothing 27/32''$

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







	t_{N1} [Ga]	t_{II} [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	373	373	373	373	373	373	373
	26 Ga	600	600	600	600	600	600	600
	25 Ga	642	642	642	642	642	642	642
	23 Ga	710	710	710	710	710	710	710
	22 Ga	811	811	811	811	811	811	811
	21 Ga	984	984	984	984	984	984	984
	20 Ga	984	984	984	984	984	984	984
	19 Ga	984	984	984	984	984	984	984
	18 Ga	984	984	984	984	984	984	984

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.