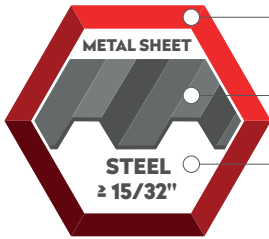




SELF-DRILLING SCREW PRO S15

APPLICATION



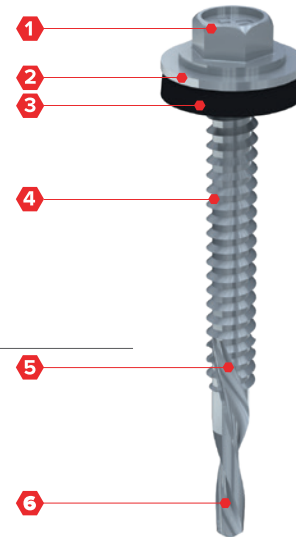
Bi-metal A2 304

Metal sheet Screw

Steel $\geq 15/32$ "

SPECIFICATION

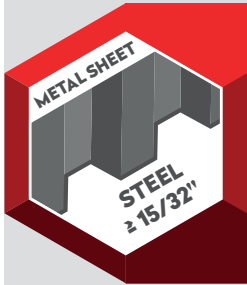
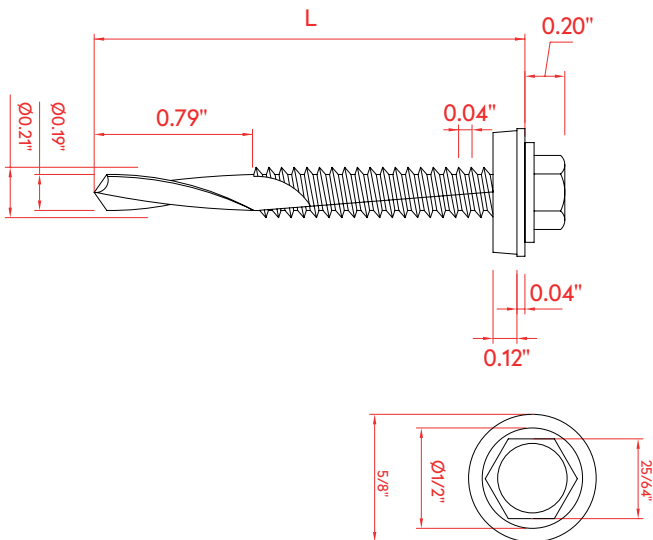
- 1 Head style 5/16"
- 2 Washer diameter standard 5/8"
- 3 SS EPDM bond seal
- 4 Support thread
- 5 Thread for substructure steel $\geq 15/32$ "
- 6 Drilling point S15



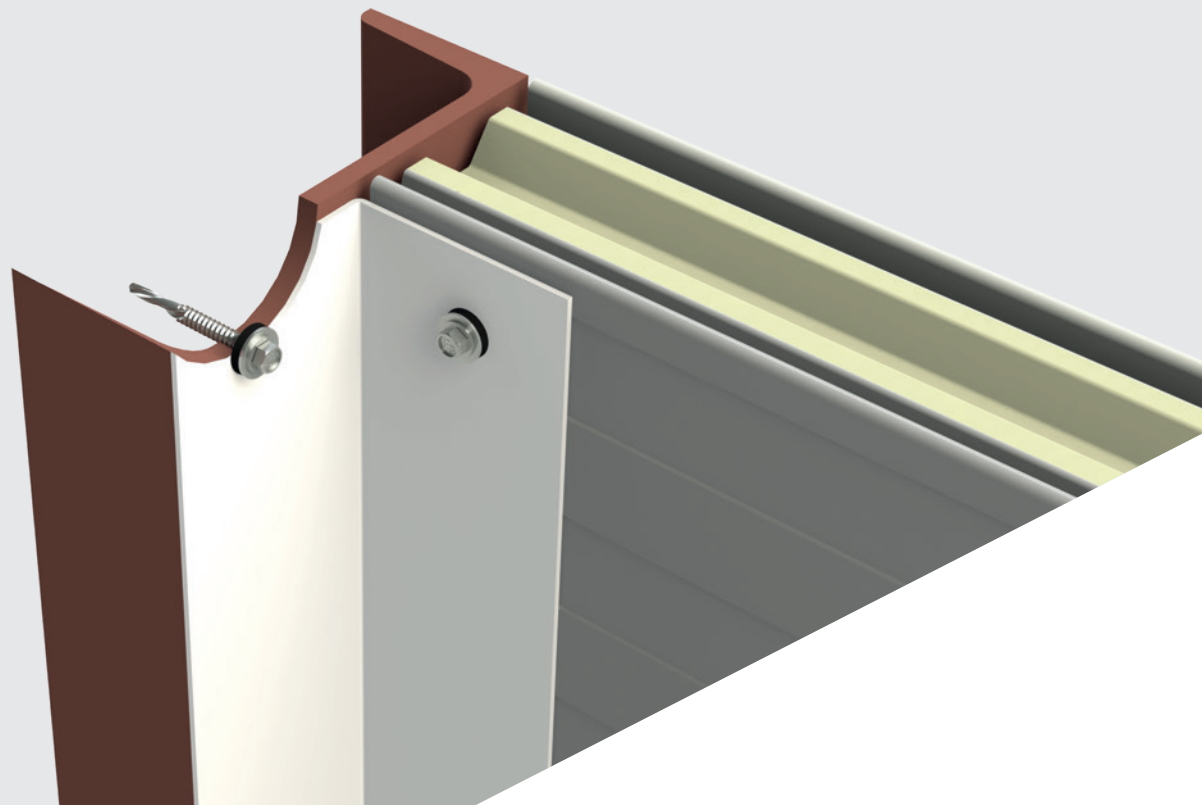
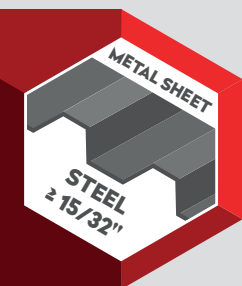
OPTIONS

- 1 Powder coated in any desired RAL colour
- 2 Washer diameter 3/4" or 27/32"

SECTION



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



ORDER INFORMATION

Product	Size (L)	Packaging	Article code
Self-Drilling Screw #12 x 17/8" - PRO S15	17/8"	250 stuks	2001Q55505016

METAL SHEETS - STEEL ≥ 15/32" - BI-METAL A2 304





More information on materials, application, specific properties and certification can be found in chapter 10.

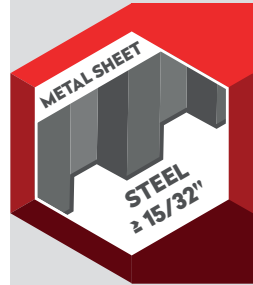
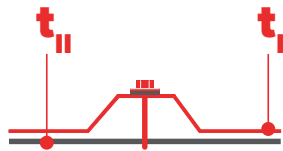
CERTIFICATES





QUALITY
CONFIRMED

SELF-DRILLING SCREW PRO S15 #12 X L, WASHER DIAMETER Ø 5/8"

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





		t_{NI} [Ga]	t_{II} [inch]						
		4 Ga	1/4"	5/16"	11/32"	3/8"	13/32"	$\geq 15/32"$	
	V_{Rk} [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_{Rk} [kN]	28 Ga	303	303	303	303	303	303	303
		26 Ga	411	411	411	411	411	411	411
		25 Ga	465	465	465	465	465	465	465
		23 Ga	553	553	553	553	553	553	553
		22 Ga	685	685	685	685	685	685	685
		21 Ga	827	827	827	827	827	827	827
		20 Ga	827	827	827	827	827	827	827
		19 Ga	827	827	827	827	827	827	827
		18 Ga	827	827	827	827	827	827	827

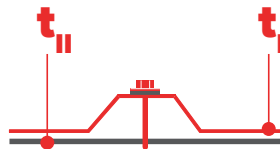
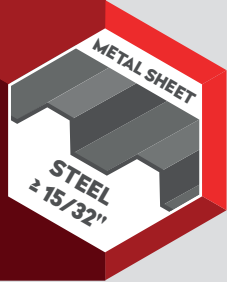
Note

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

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

SELF-DRILLING SCREW PRO S15 #12 X L, WASHER DIAMETER Ø 3/4"

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





METAL SHEETS - STEEL ≥ 15/32" - BI-METAL A2 304

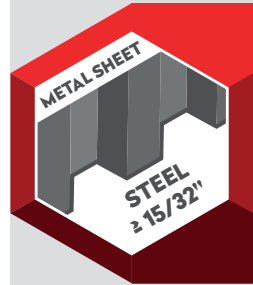
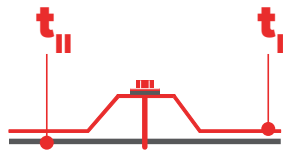
	t _{NI} [Ga]	t _I [inch]						
		4 Ga	1/4"	5/16"	11/32"	3/8"	13/32"	≥15/32"
 V_{R,k} [kN]	28 Ga	231	231	231	231	231	231	231
	26 Ga	377	377	377	377	377	377	377
	25 Ga	391	391	391	391	391	391	391
	23 Ga	411	411	411	411	411	411	411
	22 Ga	440	440	440	440	440	440	440
	21 Ga	440	676	676	676	676	676	676
	20 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

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

SELF-DRILLING SCREW PRO S15 #12 X L, WASHER DIAMETER Ø 27/32"

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



		t_{NI} [Ga]	t_{II} [inch]						
		4 Ga	1/4"	5/16"	11/32"	3/8"	13/32"	$\geq 15/32"$	
	V_{Rk} [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_{Rk} [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

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

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

