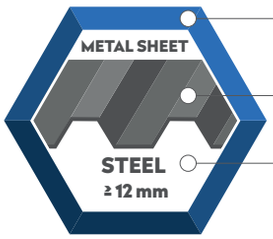
SELF-DRILLING SCREW PRO S15

APPLICATION



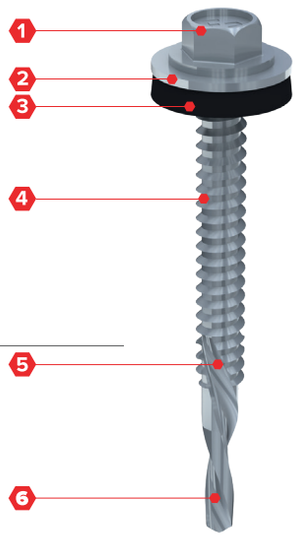
Galvanized

Metal sheet Screw

Steel ≥ 12 mm

SPECIFICATION

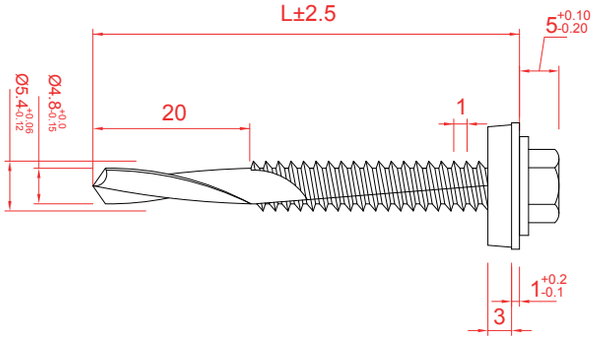
1. Head style 5/16" (8 mm)
2. Washer diameter standard 16 mm
3. SS EPDM bond seal
4. Support thread
5. Thread for substructure steel ≥ 12 mm
6. Drilling point S15

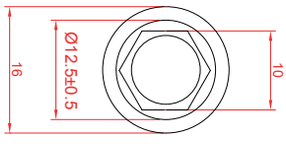


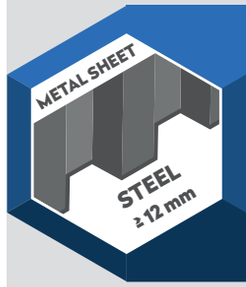
OPTIONS

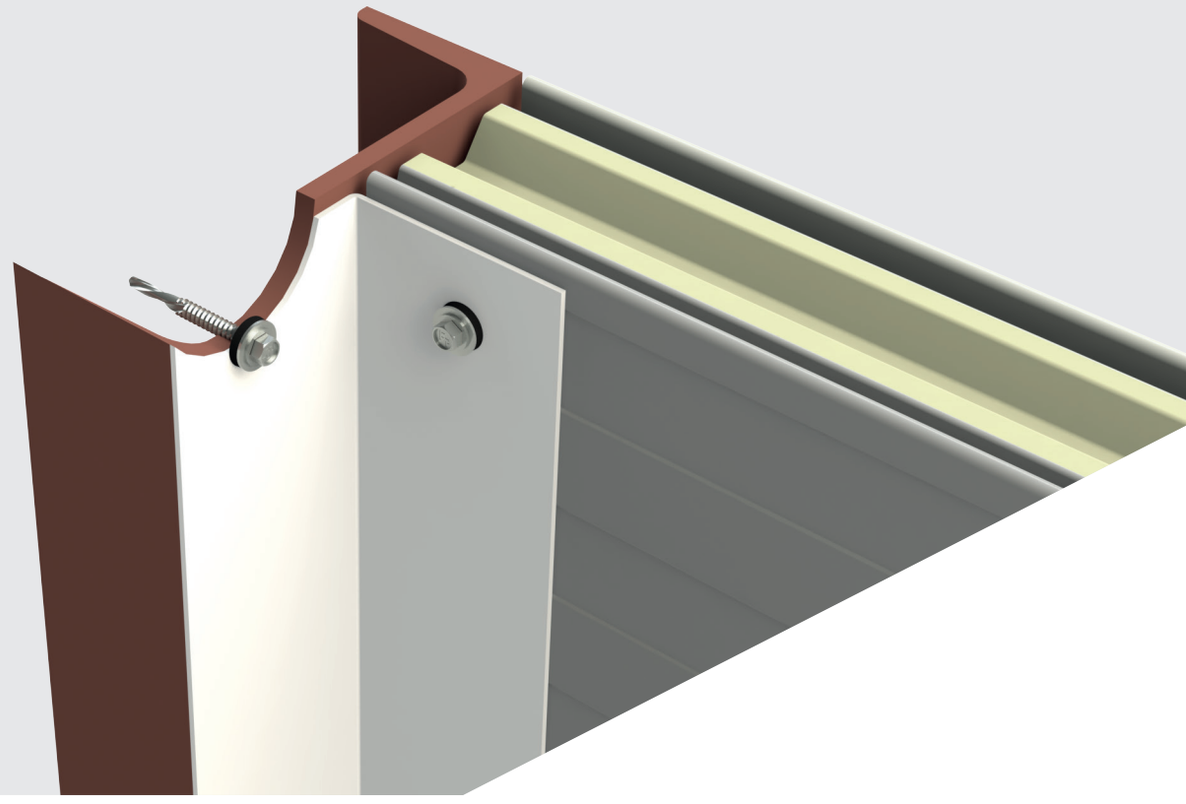
1. Powder coated in any desired RAL Color
2. Washer diameter 19 or 22 mm

SECTION



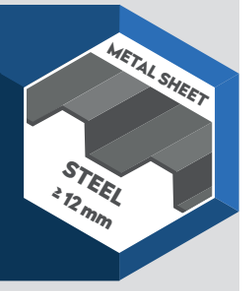






ORDER INFORMATION

Product	Size *(L)*	Packaging	Article code
Self-Drilling Screw PRO S15 5,5 x L	50 mm	250 pieces	2004Q55505016



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

CERTIFICATES

CE

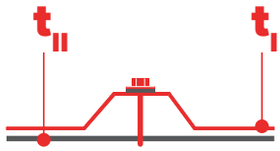
FP QUALITY CONFIRMED

SELF-DRILLING SCREW PRO S15 #12 X L, WASHER DIAMETER Ø 16,0 MM

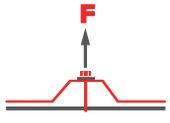
Materials	
Screw	Galvanized steel
Washer	Galvanized steel
Material A (t_I)	S280GD, S320GD and S350GD conform EN 10346
Material B (t_{II})	S235 conform EN 10025-2, S280GD, S320GD and S350GD conform EN 10346
Drilling capacity	Steel ≥ 12 mm

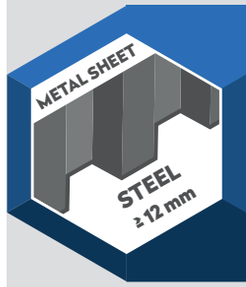
CE

QUALITY CONFIRMED



WASHER DIAMETER 16 mm

		t_{N1} [mm]	t_{II} [mm]					
			6,00	7,00	8,00	9,00	10,00	11,00	≥ 12,00
	$V_{R,k}$ [kN]	**0,40**	1,03	1,03	1,03	1,03	1,03	1,03	1,03
		0,50	1,68	1,68	1,68	1,68	1,68	1,68	1,68
		0,55	1,74	1,74	1,74	1,74	1,74	1,74	1,74
		0,63	1,83	1,83	1,83	1,83	1,83	1,83	1,83
		0,75	1,96	1,96	1,96	1,96	1,96	1,96	1,96
		0,88	1,96	3,01	3,01	3,01	3,01	3,01	3,01
		1,00	1,96	3,01	3,01	3,01	3,01	3,01	3,01
		1,13	1,96	3,01	3,01	3,01	3,01	3,01	3,01
		1,25	1,96	3,01	3,01	3,01	3,01	3,01	3,01
	$N_{R,k}$ [kN]	**0,40**	1,35	1,35	1,35	1,35	1,35	1,35	1,35
		0,50	1,83	1,83	1,83	1,83	1,83	1,83	1,83
		0,55	2,07	2,07	2,07	2,07	2,07	2,07	2,07
		0,63	2,46	2,46	2,46	2,46	2,46	2,46	2,46
		0,75	3,05	3,05	3,05	3,05	3,05	3,05	3,05
		0,88	3,68	3,68	3,68	3,68	3,68	3,68	3,68
		1,00	3,68	3,68	3,68	3,68	3,68	3,68	3,68
		1,13	3,68	3,68	3,68	3,68	3,68	3,68	3,68
		1,25	3,68	3,68	3,68	3,68	3,68	3,68	3,68



Note

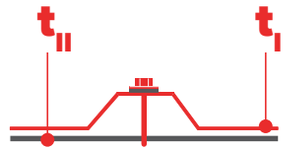
1. Above mentioned values are characteristic values.
2. To determine the design value, we suggest applying a material factor of γm = 1,33 .
3. Please find additional information and calculation examples on page 10.1.7.

SELF-DRILLING SCREW PRO S15 #12 X L, WASHER DIAMETER Ø 19MM

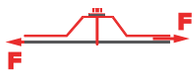
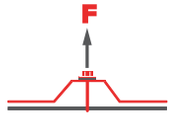
Materials	
Screw	Galvanized steel
Washer	Galvanized steel
Material A (t_I)	S280GD, S320GD and S350GD conform EN 10346
Material B (t_{II})	S235 conform EN 10025-2, S280GD, S320GD and S350GD conform EN 10346
Drilling capacity	Steel ≥ 12 mm

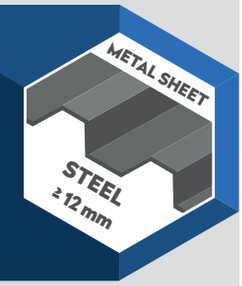
CE

QUALITY CONFIRMED



WASHER DIAMETER 19 mm

		t_{N1} [mm]	t_{II} [mm]						
			6,00	7,00	8,00	9,00	10,00	11,00	≥ 12,00
	$V_{R,k}$ [kN]	**0,40**	1,03	1,03	1,03	1,03	1,03	1,03	1,03
		0,50	1,68	1,68	1,68	1,68	1,68	1,68	1,68
		0,55	1,74	1,74	1,74	1,74	1,74	1,74	1,74
		0,63	1,83	1,83	1,83	1,83	1,83	1,83	1,83
		0,75	1,96	1,96	1,96	1,96	1,96	1,96	1,96
		0,88	1,96	3,01	3,01	3,01	3,01	3,01	3,01
		1,00	1,96	3,01	3,01	3,01	3,01	3,01	3,01
		1,13	1,96	3,01	3,01	3,01	3,01	3,01	3,01
		1,25	1,96	3,01	3,01	3,01	3,01	3,01	3,01
	$N_{R,k}$ [kN]	**0,40**	1,44	1,44	1,44	1,44	1,44	1,44	1,44
		0,50	2,15	2,15	2,15	2,15	2,15	2,15	2,15
		0,55	2,40	2,40	2,40	2,40	2,40	2,40	2,40
		0,63	2,78	2,78	2,78	2,78	2,78	2,78	2,78
		0,75	3,37	3,37	3,37	3,37	3,37	3,37	3,37
		0,88	4,10	4,10	4,10	4,10	4,10	4,10	4,10
		1,00	4,10	4,10	4,10	4,10	4,10	4,10	4,10
		1,13	4,10	4,10	4,10	4,10	4,10	4,10	4,10
		1,25	4,10	4,10	4,10	4,10	4,10	4,10	4,10



Note

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2. To determine the design value, we suggest applying a material factor of γm = 1,33 .
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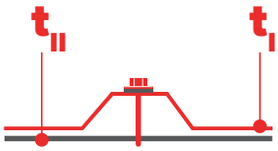
SELF-DRILLING SCREW PRO S15 #12 X L, WASHER DIAMETER Ø 22 MM

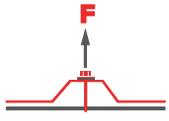
Materials	
Screw	Galvanized steel
Washer	Galvanized steel
Material A (t_I)	S280GD, S320GD and S350GD conform EN 10346
Material B (t_{II})	S235 conform EN 10025-2, S280GD, S320GD and S350GD conform EN 10346
Drilling capacity	Steel ≥ 12 mm

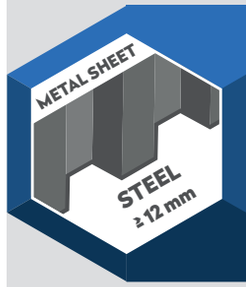
CE

QUALITY CONFIRMED



WASHER DIAMETER 22 mm

		t_{N1} [mm]	t_{II} [mm]					
			6,00	7,00	8,00	9,00	10,00	11,00	≥ 12,00
	$V_{R,k}$ [kN]	**0,40**	1,03	1,03	1,03	1,03	1,03	1,03	1,03
		0,50	1,68	1,68	1,68	1,68	1,68	1,68	1,68
		0,55	1,74	1,74	1,74	1,74	1,74	1,74	1,74
		0,63	1,83	1,83	1,83	1,83	1,83	1,83	1,83
		0,75	1,96	1,96	1,96	1,96	1,96	1,96	1,96
		0,88	1,96	3,01	3,01	3,01	3,01	3,01	3,01
		1,00	1,96	3,01	3,01	3,01	3,01	3,01	3,01
		1,13	1,96	3,01	3,01	3,01	3,01	3,01	3,01
		1,25	1,96	3,01	3,01	3,01	3,01	3,01	3,01
	$N_{R,k}$ [kN]	**0,40**	1,66	1,66	1,66	1,66	1,66	1,66	1,66
		0,50	2,67	2,67	2,67	2,67	2,67	2,67	2,67
		0,55	2,86	2,86	2,86	2,86	2,86	2,86	2,86
		0,63	3,16	3,16	3,16	3,16	3,16	3,16	3,16
		0,75	3,61	3,61	3,61	3,61	3,61	3,61	3,61
		0,88	4,38	4,38	4,38	4,38	4,38	4,38	4,38
		1,00	4,38	4,38	4,38	4,38	4,38	4,38	4,38
		1,13	4,38	4,38	4,38	4,38	4,38	4,38	4,38
		1,25	4,38	4,38	4,38	4,38	4,38	4,38	4,38



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