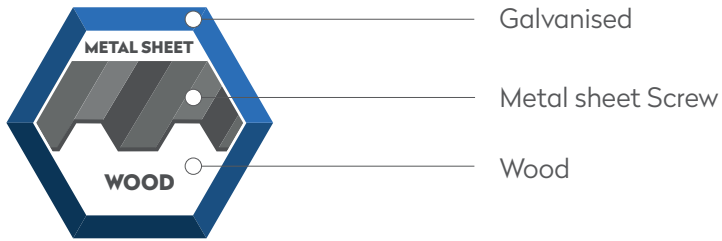




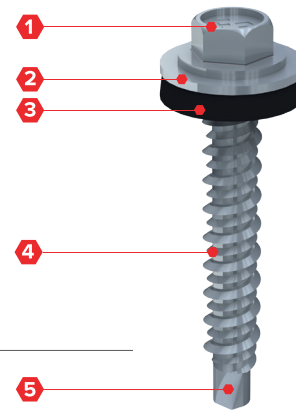
SELF-DRILLING SCREW HI-LO

APPLICATION



SPECIFICATION

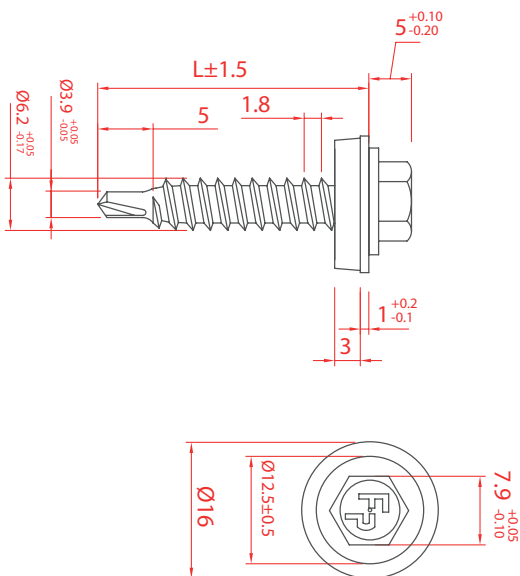
- 1 Head style 5/16" (8 mm)
- 2 Washer diameter standard 16 mm
- 3 Galvanised EPDM bond seal
- 4 Thread for substructure wood
- 5 Drilling point 1



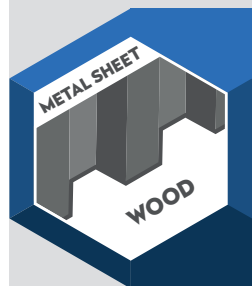
OPTIONS

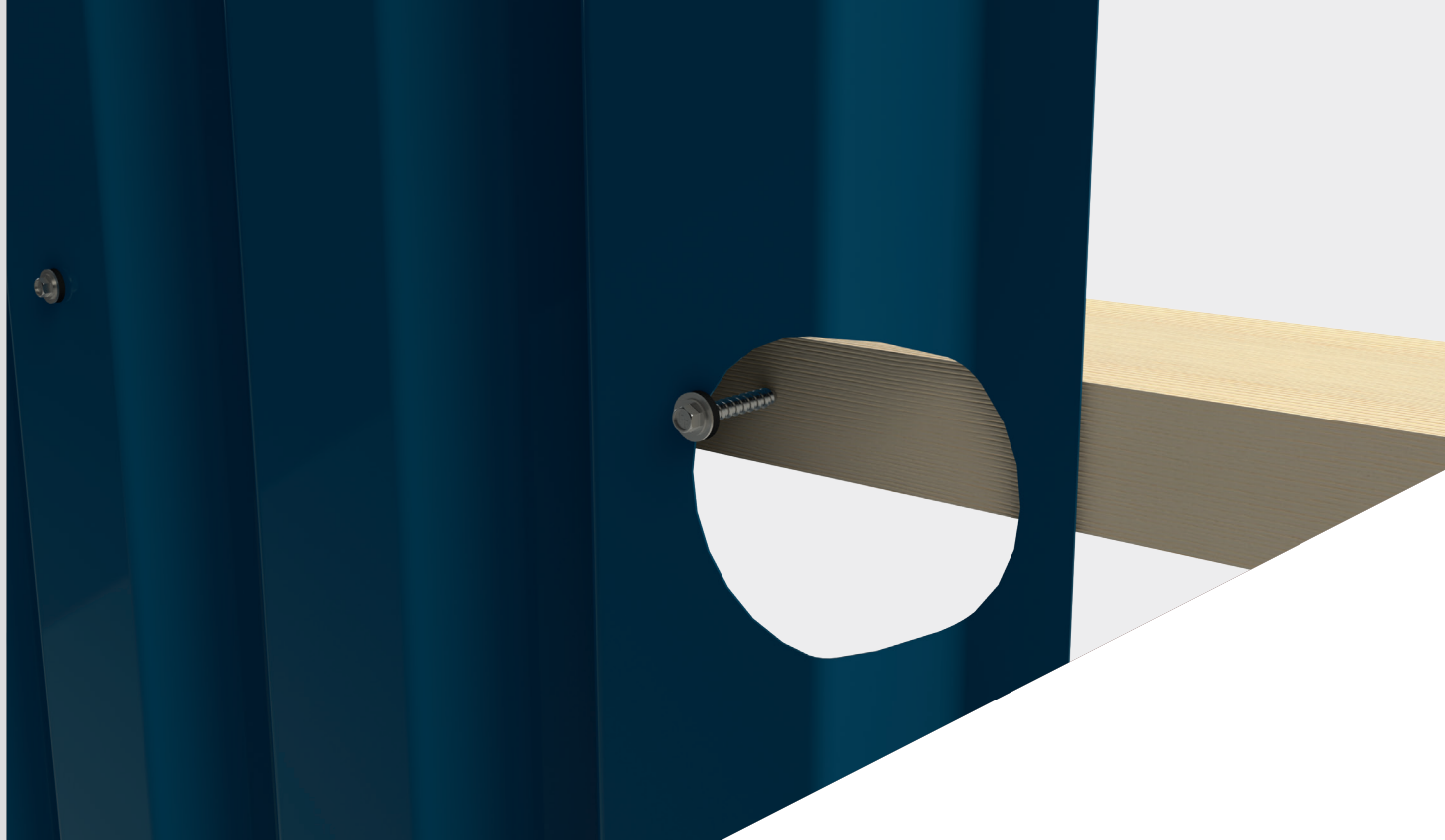
- 1 Powder coated in any desired RAL colour
- 2 Washer diameter 19 or 22 mm

SECTION



METAL SHEETS - WOOD - GALVANISED





ORDER INFORMATION

Product	Size (L)	Packaging	Article code
Self-Drilling Screw 6,3 x 38 - HI-LO	38 mm	250 pcs/box	2004016303816

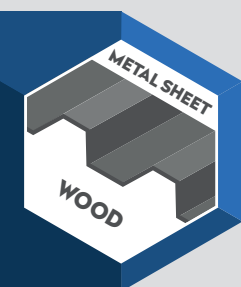


More information on materials, application, specific properties and certification can be found in chapter 10.

CERTIFICATES





QUALITY
CONFIRMED

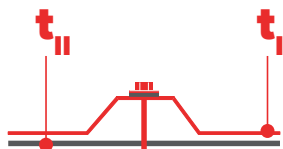


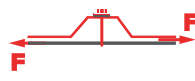
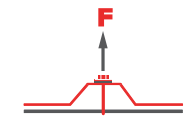
SELF-DRILLING SCREW 6,3 X L - HI-LO, WASHER DIAMETER Ø 16,0 MM

Materials	
Screw	Galvanised steel
Washer	Galvanised steel
Material A (t_{\perp})	S280GD, S320GD and S350GD conform EN 10346
Material B (t_{\parallel})	Wood \geq C24 conform DIN EN 338
Drilling capacity	Wood \geq 30 mm



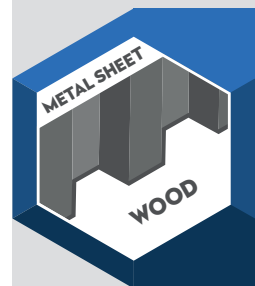




		t_{N1} [mm]	L_{eff} [mm]
			30
 $V_{R,k}$ [kN]	0,40	1,20	
	0,50	1,47	
	0,55	1,47	
	0,63	1,48	
	0,75	1,48	
	0,88	1,48	
	1,00	1,48	
	1,13	1,48	
	1,25	1,48	
 $N_{R,k}$ [kN]	0,40	1,29	
	0,50	1,98	
	0,55	2,21	
	0,63	2,57	
	0,75	3,08	
	0,88	3,08	
	1,00	3,08	
	1,13	3,08	
	1,25	3,08	


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.

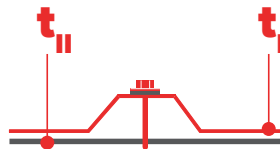


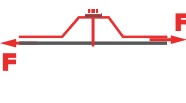

SELF-DRILLING SCREW 6,3 X L - HI-LO, WASHER DIAMETER Ø 19,0 MM

Materials	
Screw	Galvanised steel
Washer	Galvanised steel
Material A (t_1)	S280GD, S320GD and S350GD conform EN 10346
Material B (t_{II})	Wood \geq C24 conform DIN EN 338
Drilling capacity	Wood \geq 30 mm



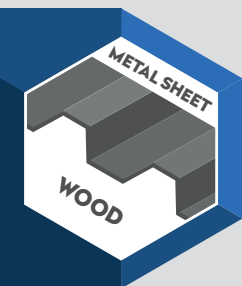




		t_{N1} [mm]	L_{eff} [mm]
			30
 $V_{R,k}$ [kN]	0,40	1,20	
	0,50	1,47	
	0,55	1,47	
	0,63	1,48	
	0,75	1,48	
	0,88	1,48	
	1,00	1,48	
	1,13	1,48	
	1,25	1,48	
 $N_{R,k}$ [kN]	0,40	1,42	
	0,50	2,46	
	0,55	2,60	
	0,63	2,81	
	0,75	3,08	
	0,88	3,08	
	1,00	3,08	
	1,13	3,08	
	1,25	3,08	


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.

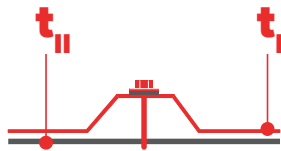


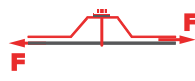
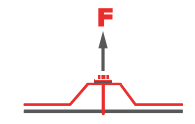
SELF-DRILLING SCREW 6,3 X L - HI-LO, WASHER DIAMETER Ø 22,0 MM

Materials	
Screw	Galvanised steel
Washer	Galvanised steel
Material A (t_{\perp})	S280GD, S320GD and S350GD conform EN 10346
Material B (t_{\parallel})	Wood \geq C24 conform DIN EN 338
Drilling capacity	Wood \geq 30 mm







		t_{N1} [mm]	L_{eff} [mm]
			30
 $V_{R,k}$ [kN]	0,40	1,20	
	0,50	1,47	
	0,55	1,47	
	0,63	1,48	
	0,75	1,48	
	0,88	1,48	
	1,00	1,48	
	1,13	1,48	
 $N_{R,k}$ [kN]	0,40	1,95	
	0,50	2,59	
	0,55	2,81	
	0,63	3,08	
	0,75	3,08	
	0,88	3,08	
	1,00	3,08	
	1,13	3,08	
	1,25	3,08	

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.

