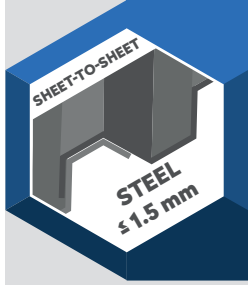
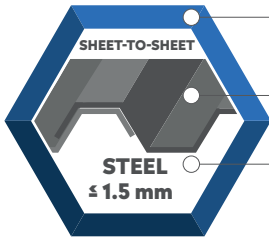




# SELF-DRILLING LOW PROFILE SCREW DP2 1/4" HEX



## APPLICATION



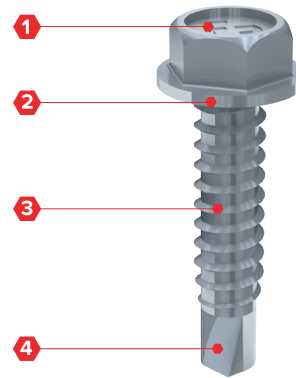
Galvanised

Sheet-to-sheet

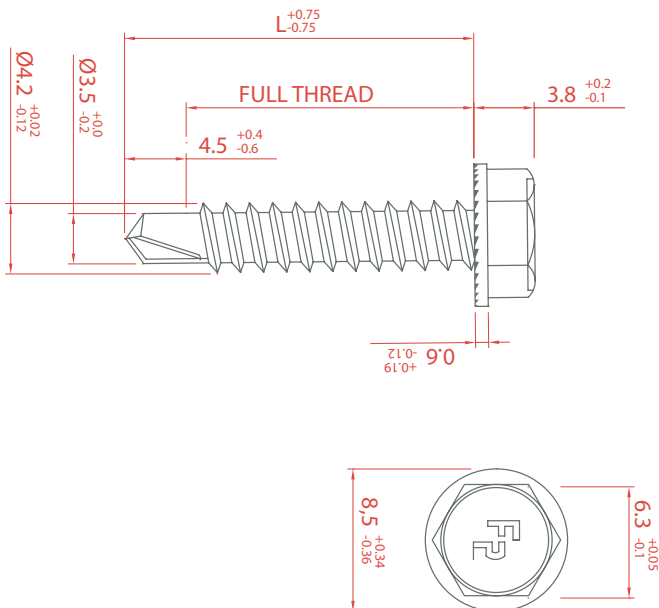
Steel  $\leq 1,5$  mm

## SPECIFICATION

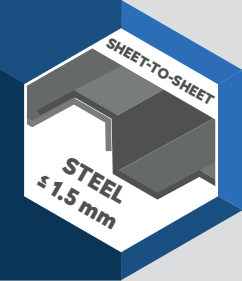
- 1 Head style 1/4" hex with serrations
- 2 EPDM bonded washer
- 3 Thread for substructure steel  $\leq 1,5$  mm
- 4 Drilling point 2 reduced



## SECTION



STITCHING SCREWS - STEEL  $\leq 1,5$  MM - GALVANISED

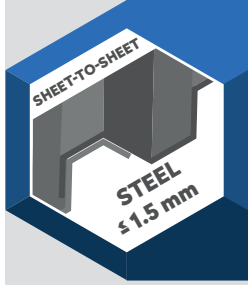


## ORDER INFORMATION

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Product	Size	Packaging	Article code
Self-Drilling low profile screw 4,2 x L - DP2	4,2 x 16 mm	500 pcs/box	20040242016
Self-Drilling low profile screw 4,2 x L - DP2	4,2 x 19 mm	500 pcs/box	20040242019
Self-Drilling low profile screw 4,8 x L - DP2	4,8 x 25 mm	250 pcs/box	20040248025

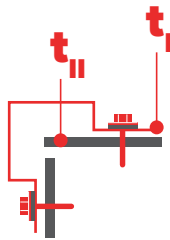
**STITCHING SCREWS - STEEL ≤ 1,5 MM - GALVANISED**

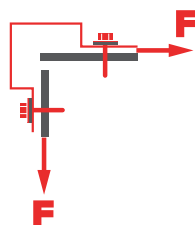
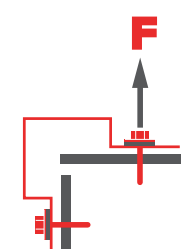


**SELF-DRILLING LOW PROFILE SCREW 4,2 X L - DP2, HEAD 8,5 MM**

Materials	
<b>Screw</b>	Gegalvaniseerd Steel
<b>Washer</b>	Gegalvaniseerd Steel
<b>Material A (<math>t_{\perp}</math>)</b>	S280GD, S320GD and S350GD conform EN 10346
<b>Material B (<math>t_{\parallel}</math>)</b>	S235 conform EN 10025-2, S280GD, S320GD and S350GD conform EN 10346
<b>Drilling capacity</b>	Steel $\leq 1,5$ mm



		$t_{\perp}$ [mm]	$t_{\parallel}$ [mm]									
			0,40	0,50	0,55	0,63	0,75	0,88	1,00	1,13	1,25	1,50
 $V_{R,k}$ [kN]	<b>0,40</b>	0,69	0,69	0,69	0,69	0,69	0,69	0,69	0,69	0,69	0,69	0,69
	<b>0,50</b>	0,69	0,94	0,94	0,94	0,94	0,94	0,94	0,94	0,94	0,94	0,94
	<b>0,55</b>	0,69	0,94	1,11	1,11	1,11	1,11	1,11	1,11	1,11	1,11	1,11
	<b>0,63</b>	0,69	0,94	1,11	1,38	1,38	1,38	1,38	1,38	1,38	1,38	1,38
	<b>0,75</b>	0,69	0,94	1,11	1,38	1,78	1,78	1,78	1,78	1,78	1,78	1,78
	<b>0,88</b>	0,69	0,94	1,11	1,38	1,78	2,66	2,66	2,66	2,66	2,66	2,66
	<b>1,00</b>	0,69	0,94	1,11	1,38	1,78	2,66	2,66	2,66	2,66	2,66	2,66
	<b>1,13</b>	0,69	0,94	1,11	1,38	1,78	2,66	2,66	2,66	2,66	2,66	2,66
	<b>1,25</b>	0,69	0,94	1,11	1,38	1,78	2,66	2,66	2,66	2,66	2,66	2,66
 $N_{R,k}$ [kN]	<b>0,40</b>	0,26	0,42	0,47	0,55	0,66	0,81	0,81	0,81	0,81	0,81	0,81
	<b>0,50</b>	0,26	0,42	0,47	0,55	0,66	1,00	1,21	1,26	1,26	1,26	1,26
	<b>0,55</b>	0,26	0,42	0,47	0,55	0,66	1,00	1,21	1,39	1,39	1,39	1,39
	<b>0,63</b>	0,26	0,42	0,47	0,55	0,66	1,00	1,21	1,44	1,59	1,59	1,59
	<b>0,75</b>	0,26	0,42	0,47	0,55	0,66	1,00	1,21	1,44	1,65	1,89	1,89
	<b>0,88</b>	0,26	0,42	0,47	0,55	0,66	1,00	1,21	1,44	1,65	2,08	2,31
	<b>1,00</b>	0,26	0,42	0,47	0,55	0,66	1,00	1,21	1,44	1,65	2,08	2,31
	<b>1,13</b>	0,26	0,42	0,47	0,55	0,66	1,00	1,21	1,44	1,65	2,08	2,31
	<b>1,25</b>	0,26	0,42	0,47	0,55	0,66	1,00	1,21	1,44	1,65	2,08	2,31

**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.

**STITCHING SCREWS - STEEL  $\leq 1,5$  MM - GALVANISED**

