



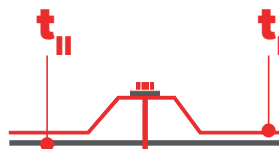


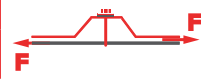
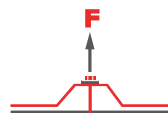
SELF-DRILLING SCREW DP3

METAL SHEETS - STEEL 1,5 TO 5 MM - SS SUS410

SELF-DRILLING SCREW 5,5 X L - DP3, WASHER DIAMETER Ø 22,0 MM

Materials		
Screw	SS 1.4006 (SUS410) - conform EN3506	 
Washer	SS 1.4301 (A2) - conform EN3506	
Material A (t_I)	S280GD, S320GD and S350GD conform and 10346	
Material B (t_{II})	S235 conform and 10025-2, S280GD, S320GD and S350GD conform and 10346	
Drilling capacity	Steel ≤ 5 mm	



		t_{N1} [mm]	t_{II} [mm]						
			0,75	1,00	1,50	2,00	3,00	4,00	6,00
	$V_{R,k}$ [kN]	0,40	1,17	1,17	1,17	1,17	1,17	1,17	1,17
		0,50	1,69	1,69	1,69	1,69	1,69	1,69	1,69
		0,55	1,72	1,72	1,72	1,72	1,72	1,72	1,72
		0,63	1,78	1,78	1,78	1,78	1,78	1,78	1,78
		0,75	1,86	1,86	1,86	1,86	1,86	1,86	1,86
		0,88	1,86	2,76	2,76	2,76	2,76	2,76	2,76
		1,00	2,76	2,76	2,76	2,76	2,76	2,76	2,76
		1,13	2,76	2,76	2,76	2,76	2,76	2,76	2,76
		1,25	2,76	2,76	2,76	2,76	2,76	2,76	2,76
	$N_{R,k}$ [kN]	0,40	0,63	0,94	1,81	1,81	1,81	1,81	1,81
		0,50	0,63	0,94	2,30	2,47	2,47	2,47	2,47
		0,55	0,63	0,94	2,30	2,79	2,79	2,79	2,79
		0,63	0,63	0,94	2,30	3,01	3,31	3,31	3,31
		0,75	0,63	0,94	2,30	3,01	4,09	4,09	4,09
		0,88	0,63	0,94	2,30	3,01	4,09	4,09	4,09
		1,00	0,63	0,94	2,30	3,01	4,09	4,09	4,09
		1,13	0,63	0,94	2,30	3,01	4,09	4,09	4,09
		1,25	0,63	0,94	2,30	3,01	4,09	4,09	4,09

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.