

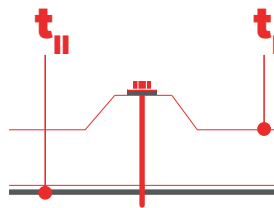
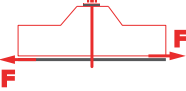




SANDWICH PANEL SCREW 6,3/7,0 X L – DP2, WASHER DIAMETER Ø 16,0 MM

Materials		
Screw	Stainless steel 1.4301 (A2) – conform and ISO 3506	 European Technical Approval ETA 17/0293
Washer	Stainless steel 1.4301 (A2) – conform and ISO 3506	
Material A (t_I)	Steel Quality S280GD, S320GD and S350GD - conform EN 10346	 QUALITY CONFIRMED
Material B (t_{II})	Wooden Support conform DIN EN 338, ρ = 350 kg/m ² (min. C24)	
Drilling capacity	Wood	



		t _{NI} [mm]	d, D [mm]									
			30	40	50	60	70	80	100	120	140	> 160
	V _{R,k} [kN]	0,40	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03
		0,50	1,35	1,35	1,35	1,35	1,35	1,35	1,35	1,35	1,35	1,35
		0,55	1,51	1,51	1,51	1,51	1,51	1,51	1,51	1,51	1,51	1,51
		0,63	1,76	1,76	1,76	1,76	1,76	1,76	1,76	1,76	1,76	1,76
		0,75	2,14	2,14	2,14	2,14	2,14	2,14	2,14	2,14	2,14	2,14
		0,88	2,14	2,14	2,14	2,14	2,14	2,14	2,14	2,14	2,14	2,14
		1,00	2,14	2,14	2,14	2,14	2,14	2,14	2,14	2,14	2,14	2,14
	N _{R,k} [kN]	0,40	1,31	1,31	1,31	1,31	1,31	1,31	1,31	1,31	1,31	1,31
		0,50	1,39	1,39	1,39	1,39	1,39	1,39	1,39	1,39	1,39	1,39
		0,55	1,64	1,64	1,64	1,64	1,64	1,64	1,64	1,64	1,64	1,64
		0,63	2,03	2,03	2,03	2,03	2,03	2,03	2,03	2,03	2,03	2,03
		0,75	2,03	2,03	2,03	2,03	2,03	2,03	2,03	2,03	2,03	2,03
		0,88	2,03	2,03	2,03	2,03	2,03	2,03	2,03	2,03	2,03	2,03
		1,00	2,03	2,03	2,03	2,03	2,03	2,03	2,03	2,03	2,03	2,03
	u [mm]	-	8	8	10	12	14	16	20	24	28	32

Note

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