

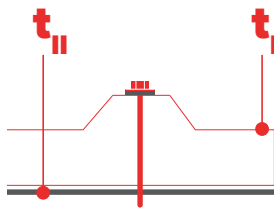
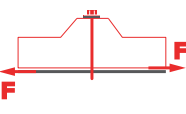

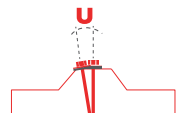


**SANDWICH PANEL SCREW 6,3/7,0 X L – DP2, WASHER DIAMETER Ø 22,0 MM**

Materials		
<b>Screw</b>	Stainless steel 1.4301 (A2) – conform and ISO 3506	 European Technical Approval ETA 17/0293
<b>Washer</b>	Stainless steel 1.4301 (A2) – conform and ISO 3506	
<b>Material A (t<sub>I</sub>)</b>	SteelQuality S280GD, S320GD and S350GD - conform EN 10346	 QUALITY CONFIRMED
<b>Material B (t<sub>II</sub>)</b>	Wooden Support conform DIN EN 338, ρ = 350 kg/m <sup>2</sup> (min. C24)	
<b>Drilling capacity</b>	Wood	



		t <sub>NI</sub> [mm]	d, D [mm]									
			30	40	50	60	70	80	100	120	140	> 160
	V <sub>R,k</sub> [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 <sub>R,k</sub> [kN]	0,40	1,90	1,90	1,90	1,90	1,90	1,90	1,90	1,90	1,90	1,90
		0,50	2,03	2,03	2,03	2,03	2,03	2,03	2,03	2,03	2,03	2,03
		0,55	2,03	2,03	2,03	2,03	2,03	2,03	2,03	2,03	2,03	2,03
		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<sub>m</sub> = 1,33.
3. You can find further information and calculation examples on page 10.1.7