

Trespa

TUF-S-6XL

Materials

• **Sleeve body:**

Stainless steel A4

Material number 1.4401, AISI 316

• **Mandrel:**

Carbon steel zinced

Head type: Hex., 8mm A/F

Sleeve body: $\varnothing = 6,0$ mm

Predrill: $\varnothing$ panel = 6,0 mm
to create with special
SFS drill bit only

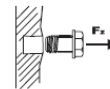
Predrill: $\varnothing$ bracket = 6,5 mm

Pull-out load F_z (N)

Remarks:

Support ring- $\varnothing$ 135 mm

Part II



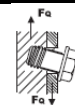
Part II (blind side)

Material	t_{II} (mm)	Embedment (mm)	Amount of TUF-S per bracket	KL in mm	Test results (N)			TUF-S distance in mm
					$F_{z,avg}$	s		
Trespa panel	8	5.00	1x		1345	85	-	
	10	7.00	1x		2565	113	-	

Shear load F_q (N)

$F_{q,avg}$ is measured between a displacement of max 3 mm

Part II

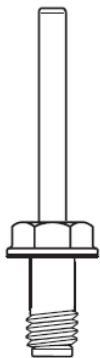


Part I

Part II (blind side)

Part I (setting side)

Material	t_{II} (mm)	Embedment (mm)	Material		KL in mm	Test results (N)			TUF-S distance in mm
			grade	t_I (mm)		$F_{q,avg}$	s		
Trespa panel	8	5.00	Aluminium						
			AlMg3	4.00	9.00	4942	143	-	
	10	7.00	AlMg3	4.00	11.00	5642	205	-	



Tensile breaking load Z_b (N)



$Z_b \geq 8.780$ N

Shear breaking load Q_b (N)



$Q_b \geq 6.530$ N

All calculations, measurements, fasteners and design methods have to be verified by a responsible designer or engineer, regarding the corresponding structure and load. Please consult your national norms and approvals.