Resopal

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: ø = 6,0 mm

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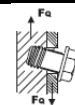SFS drill bit only

Predrill: ø bracket = 6,5 mm

Pull-out load F_z (N)
Remarks:
Support ring-Ø   135 mm
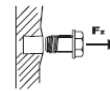
Part II

Part II (blind side)

Material	t_{ll} (mm)	Embedment (mm)	Amount of TUF-S per bracket	KL in mm	$F_{z,avg}$	s	TUF-S distance in mm
Resopal panel	8	6,0	1x		2910	67	-

Shear load F_q (N)
$F_{q,avg}$ is measured between a displacement of max 3 mm

Part II   Part I

Material	t_{ll} (mm)	Embedment (mm)	Material grade	t_l (mm)	KL in mm	$F_{q,avg}$	s	TUF-S distance in mm
Resopal panel	8mm	6.00	Aluminium AlMg3	2.00	8.00	4415	189	-
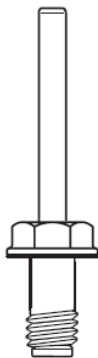
Tensile breaking load Z_b (N)

$Z_b \geq 8.780$ 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.

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