SFS intec

Fundermax

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

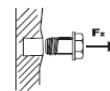**Predrill:** ø bracket = 6,5 mm

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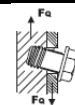
Part II

Part II (blind side)

Material	t_{II} (mm)	Embedment (mm)	Amount of TUF-S per bracket	KL in mm	$F_{z,avg}$	s	TUF-S distance in mm
Fundermax panel							
	8	6.00	1x		2509	158	-
	8	5.00	2x		3395	246	20
	10	7.00	1x		3832	147	-
	10	7.00	2x		5790	209	20

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 grade	t_I (mm)	KL in mm	$F_{q,avg}$	s	TUF-S distance in mm
Fundermax panel			**Aluminium**					
	8	5.00	AlMg3	4.00	9.00	9038	294	20
	10	7.00	AlMg3	2.00	9.00	10864	337	20
	10	7.00	AlMg3	4.00	11.00	5568	159	-
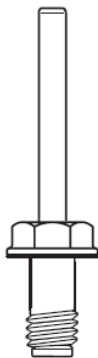
Tensile breaking load Z_b (N)

$Z_b \geq 8.780$ 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.

LA20160238

1