

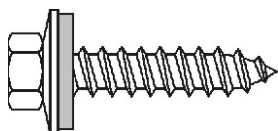
Technical Values

All indicated values are $\bar{x}$ Values

END

Artikel: E-VS A 6.5 x L

Plotting:



Specification of material:
Case hardened carbon steel

Recommended driving tools:
600-800 RPM electric screwdriver equipped
with depth sensing nosepiece to prevent over
driving and stripout.
Do not use impact type tools.

Tensile breaking strength:



Z_b in N

21'500

Shear breaking strength:



Q_b in N

12'500

Pull-out strength:

F_z in N

Thickness in mm

Steel ST 37 (350 N/mm²)

Material	1.0	1.5	2.0	2.5	3.0
Predrill Dia	4.0	4.5	4.9	4.9	5.0
Ave. Pull out	2'290	4'070	5'400	7'920	9'750

Pull-over strength:

F_u in N

Steel ST 37 (350 N/mm²) (Part 2 = 6.0 mm)

Thickness of the sheet in mm (Part 1)	0.50	0.63	0.75	0.88	1.00
Washer Ø 16 mm	4'060	5'500	5'920	7'720	8'490
Washer Ø 19 mm	5'145	6'560	6'805	9'010	9'900

Traverse strength:

F_o in N

Washers Ø 16 mm

Steel ST 37 (350 N/mm²)

Part 1	Part 2	F_Q in N	Part 1	Part 2	F_Q in N
0.63	1.00	3'210	0.63	1.50	3'410
0.75	1.00	4'520	0.75	1.50	4'800
1.00	1.00	5'040	1.00	1.50	6'410

GUNTRAM END GMBH

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