

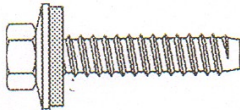
Technical Values

All indicated values are \bar{x} Values

END

Article: E-VS BZ 6.3 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

13.000

Pull-out strength:

F_z in N
Thickness in mm
Steel ST 37 (350 N/mm²)

*Denotes ultimate tensile strength of
Fastener. Fastener failed in tension
before pullout occurred.

Material	4.0	5.0	6.0	8.0	
Predrill Dia	5.3	5.6	5.7	5.8	-
Ave. Pull out	12050	15642	17310	20424	-

Pull-over strength:

F_o 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	4060	5500	5920	7720	8490
Washer Ø 19 mm	5145	6560	6805	9010	9900

Traverse strength:

F_o in N
Washers Ø 16 mm
Steel ST 37 (350 N/mm²)

Part 1	Part 2	F_o in N	Part 1	Part 2	F_o in N
0.75	4.00	4570	0.75	8.00	4590
0.88	4.00	4520	0.88	8.00	6250
1.00	4.00	6740	1.00	8.00	7280

GUNTRAM END GMBH

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