

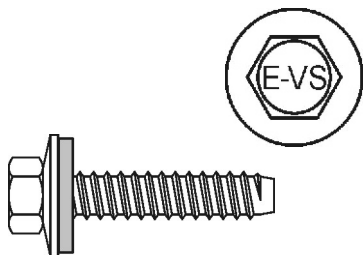
Technical Values

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	12'050	15'642	17'310	20'424	-

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
0.75	4.00	4'570	0.75	8.00	4'590
0.88	4.00	4'520	0.88	8.00	6'250
1.00	4.00	6'740	1.00	8.00	7'280

GUNTRAM END GMBH

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