

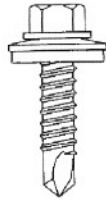
Technical Values

All indicated values are \bar{x} Values

END

Article: E-VS BOHR 3 5.5 x L

Plotting:



Specification of the material:
hardened carbon steel (SAE 1022)
galvanic zinc plated Zn 10 - 12 bk
DIN 7504 Form K

Tensile breaking strength:



Z_b in N

16000

Shear breaking strength:



Q_b in N

10000

Pull-out strenght:

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

2.0	3.0	4.0	5.0	-	-
3400	6300	9300	11500	-	-

Pull over strength:

F_o in N
Steel ST 37 (350 N/mm²) (Part 2)

Thickness of the sheet in mm (Part 1)	0.50	0.63	0.75	0.88	1.00
Washers \varnothing 16 mm	4950	5620	7100	7600	8400
Washers \varnothing 19 mm	5450	6020	7200	7800	8600

Trasverse strenght:

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

Part 1	Part 2	F_o in N	Part 1	Part 2	F_o in N
0.63	2.0	3500	1.0	3.0	7300
0.75	3.0	5400	1.5	2.0	10600
1.0	2.0	6800	1.5	3.0	10800

GUNTRAM END GMBH

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