

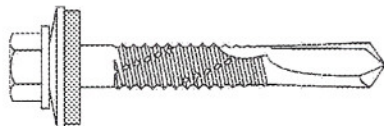
Technical Values

All indicated values are \bar{x} Values

END

Article: E-VS BOHR 5 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 18000

Shear breaking strength:



Q_b in N 11000

Pull-out strength:

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

4.0	5.0	6.0	8.0	10.0	-
8400	8900	12100	15400	17600	-

Pull over strenght:

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 strength:

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	4.0	3800	0.63	10	4000
1.0	4.0	6900	1.0	10	7800
1.5	4.0	10600	1.5	10	11600

GUNTRAM END GMBH

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