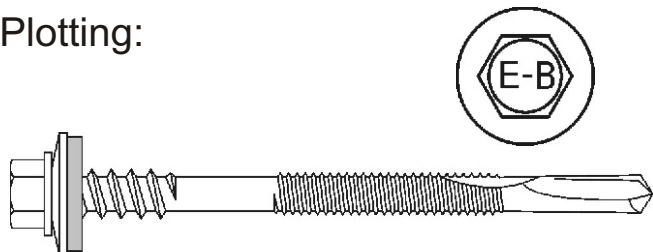


Article: E-VS BOHR 5 HT 5.5 x L

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 18'000

Shear breaking strength:



Q_b in N 11'000

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	-
8'400	8'900	12'100	15'400	17'600	-

Pull over strenght:

F_u 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	4'950	5'620	7'100	7'600	8'400
Washers $\varnothing$ 19 mm	5'450	6'020	7'200	7'800	8'600

Traverse strength:

F_o in N
Washers $\varnothing$ 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	4.0	3'800	0.63	10	4'000
1.0	4.0	6'900	1.0	10	7'800
1.5	4.0	10'600	1.5	10	11'600