

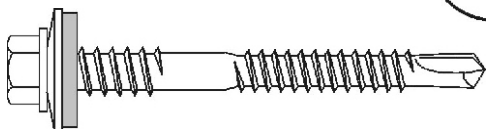
Technical Values

All indicated values are $\bar{x}$ Values

END

Article: E-VS BOHR 3 HT 5.5 x L

Plotting:



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

For Steel 1.5 - 5.0 mm

Tensile breaking strength:



Z_b in N

16'000

Shear breaking strength:



Q_b in N

10'000

Pull-out strenght:

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

1.5	2.0	3.0	4.0	5.0	-
2'820	3'400	6'300	9'300	11'500	-

Pull over strength:

F_0 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_0 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	2.0	3'500	1.0	3.0	7'300
0.75	3.0	5'400	1.5	2.0	10'600
1.0	2.0	6'800	1.5	3.0	10'800

GUNTRAM END GMBH

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