

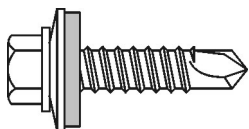
Technical Values

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

END

Article: E-VS 8 BOHR 3 6.3 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 22'000

Shear breaking strength:



Q_b in N 13'500

Pull-out strength:

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

-	3.0	4.0	5.0	6.0	-
-	6'480	12'200	16'600	21'000	-

Pull over strength:

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
0.75	6.0	4'790	1.5	6.0	10'760
0.88	6.0	5'300	-	-	-
1.0	6.0	6'870	-	-	-

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