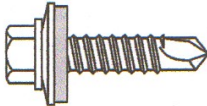


Technical Values

All indicated values are X Values

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_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	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_o in N	Part 1	Part 2	F_o 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	-	-	-

GUNTRAM END GMBH

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