

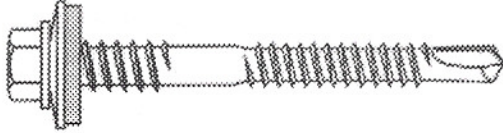
# Technical Values

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  
 DIN 7504 Form K

**Tensile breaking strength:**



$Z_b$  in N

16000

**Shear breaking strength:**



$Q_b$  in N

10000

**Pull-out strenght:**

$F_z$  in N  
 Thickness in mm  
 Steel ST 37 (350 N/mm<sup>2</sup>)

2.0	3.0	4.0	5.0	-	-
3400	6300	9300	11500	-	-

**Pull over strength:**

$F_o$  in N  
 Steel ST 37 (350 N/mm<sup>2</sup>) (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 strenght:**

$F_o$  in N  
 Washers  $\varnothing$  16 mm  
 Steel ST 37 (350 N/mm<sup>2</sup>)

Part 1	Part 2	$F_o$ in N
0.63	2.0	3500
0.75	3.0	5400
1.0	2.0	6800

Part 1	Part 2	$F_o$ in N
1.0	3.0	7300
1.5	2.0	10600
1.5	3.0	10800

**GUNTRAM END GMBH**

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