

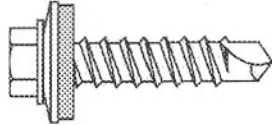
# Technical Values

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



Article: E-X BOHR 2 5.5 x L

Plotting:



Specification of material:  
Stainless steel 1.4301 (AISI 304)

**Tensile breaking strength:**



**Shear breaking strength:**



$Z_b$  in N

14.000

$Q_b$  in N

9.500

**Pull-out strength:**

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

1.0	1.5	2.0	2.5	2 x 0.63	2 x 1.0
1500	2700	3800	5000	1900	3300

**Pull-over strength:**

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

Thickness of the sheet in mm (Part 1)	0.5	0.63	0.7	0.88	1.0
Washer $\varnothing$ 16 mm	5800	5800	5800	5800	5800
Washer $\varnothing$ 19 mm	5800	5800	5800	5800	5800

**Traverse strength:**

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

Part 1	Part 2	$F_Q$ in N	Part 1	Part 2	$F_Q$ in N
0.63	2 x 0.63	2430	1.0	2 x 1.0	4300
0.63	2.0	3580	-	-	-
0.75	1.5	4270	-	-	-

**GUNTRAM END GMBH**

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