

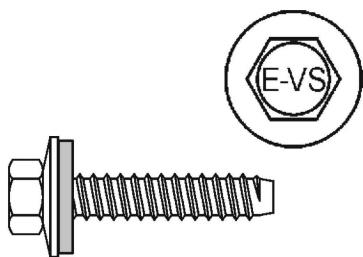
# Technical Values

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

# SKODNIK

Article: E-VS BZ 6.3 x L

Plotting:



Specification of material:  
Case hardened carbon steel

Recommended driving tools:  
600-800 RPM electric screwdriver equipped with depth sensing nosepiece to prevent over driving and stripout.  
Do not use impact type tools.

**Tensile breaking strength:**



$Z_b$  in N

21'500

**Shear breaking strength:**



$Q_b$  in N

13'000

**Pull-out strength:**

$F_2$  in N

Thickness in mm

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

\*Denotes ultimate tensile strength of Fastener. Fastener failed in tension before pullout accured.

Material	4.0	5.0	6.0	8.0	
Predrill Dia	5.3	5.6	5.7	5.8	-
Ave. Pull out	12'050	15'642	17'310	20'424	-

**Pull-over strength:**

$F_0$  in N

Steel ST 37 (350 N/mm<sup>2</sup>) (Part 2 = 6.0 mm)

Thickness of the sheet in mm (Part 1)	0.50	0.63	0.75	0.88	1.00
Washer $\varnothing$ 16 mm	4'060	5'500	5'920	7'720	8'490
Washer $\varnothing$ 19 mm	5'145	6'560	6'805	9'010	9'900

**Traverse strength:**

$F_0$  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
0.75	4.00	4'570	0.75	8.00	4'590
0.88	4.00	4'520	0.88	8.00	6'250
1.00	4.00	6'740	1.00	8.00	7'280