

Customer: **Guide rails for Europe s.r.o.**
Zborovská 18/37
301 00 PLZEŇ - Doudlevice

Tested object: Clip M16

Object take-over date: 2. 11. 2018
Test realization date: 6. 11. 2018
Test identification No.: 1853E0435
Performed by: Jan Adámek

Order No.: 2.11.2018
Registration No. / Item No.: ---
Place of testing: Mechanical Testing Laboratory

Tests designated like this are performed out of the sphere of accreditation

Data supplied by the customer:

Test material: Clip M16 galvanized
Designation: H4 Z
Batch Nr: PO.070

1. Test Name

Tensile testing at room temperature

2. Test Procedure, Methods

ČSN EN ISO 6892-1

3. Test Description

Determination of the mechanical properties of the clip by tensile testing at room temperature

4. Used Equipment

Testing Machine ZWICK 250 kN

5. Test Results

Designation	dimension [mm]	S_0 [mm ²]	F_m [N]	R_m [MPa] *)
H4 Z	M16 x 2,0	157,0	141 900	904

6. Interpretation of the Test Results

*) The strength limit was calculated from the maximum force and the actual cross section of the test body
The measured strength value of the M16 test screw corresponds approximately to the middle between the quality grade 8.8 and 10.9

Pilsen 7. 11. 2018

Ing. Jan Adámek
Deputy Leader of Mechanical Testing Laboratory



Enclosure: -

Testing Report is issued for the customer in 1 copy.
The presented test results are in relation to the subject of these tests only.
The Testing Report may be reproduced only as a whole.

Výzkumný a zkušební ústav Plzeň s.r.o.

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