



Strojirenský zkušební ústav, s. p., Brno, Česká republika
Engineering Test Institute, Brno, Czech Republic

CERTIFICATE

Number: **J-30-20205-10 rev.1**

Manufacturer: FRIULSIDER S.p.A.
Via Trieste, 1, 33048 SAN GIOVANNI AL NATISONE (UD), ITALY

Product: Rounded head bolts, grade 4.8, DIN 603
- partially threaded
- M6, M8, M10, M12, M16
- with hex nut according to DIN 555
- material: steel
- coating: white zinc plated, black zinc plated
- length: (12 to 300) mm

Type/Model: TTDQ

Product identification and initial-type testing findings: see Annex 1 (page 2)

Base of certificate: Final Report on Initial Type-Testing No. 30-9289/10A dated 2010-09-30

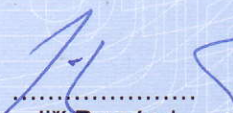
Standard applied: ČSN EN 14592:2009 (id. EN 14592:2008), tab. ZA.1

The Engineering Test Institute confirms that performed with satisfactory result the initial-type testing of the said product according to the requirement stated in Directive 89/106/EEC, Annex III, (2) (ii), second possibility (corresponds with Government Order No. 190/2002 Coll. § 5 art. 1 let. b). Final Report on Initial Type-Testing containing examination findings and data on product identification.

This certificate replaces the certificate J-30-20205-10 dated 2010-06-30.

Brno, Date 2010-09-30




Jiří Rezsival
Deputy Director

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Certificate No. J-30-20205-10 rev.1, Annex 1

Product identification and the initial-type testing findings:

product	characteristic yield moment $M_{y,k}$ [Nmm]
TTDQ bolt M6	10 308
TTDQ bolt M8	24 158
TTDQ bolt M10	49 894
TTDQ bolt M12	25 486
TTDQ bolt M16	103 309
corrosion resistance	grade 2 – no requirement

Material: steel.

Coating: white zinc plated, black zinc plated.

Length: (12 to 300) mm.

Bolts are intended for use in wood constructions.

