

CERTIFICATE

OF FACTORY PRODUCTION CONTROL ACCORDING TO APPENDIX ZA OF DIN EN 15048-1:2007

The certification body for construction materials of the TÜV NORD Systems GmbH & Co. KG confirms hereby in accordance with Directive 89/106/EEC of the Council of the European Communities dated 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (Construction Products Directive - CPD), amended by Directive 93/68/EEC of the Council of the European Communities dated 22 July 1993, implemented in Germany by the Construction Products Act (BauPG) dated 28 April 1998, most recently amended by article 8a of the Act dated 6 January 2004, that the by the company



DIV d.o.o. – Fasteners Factory
10430 Samobor, Bobovica 10a
Republic of Croatia

produced construction product

**Hexagon head bolts and hexagon nuts M12 up to M30 as components
of sets for non preloaded structural bolting assemblies according
to DIN EN 15048-1 for structural purpose
– Detailed Scope see page 2 –**

by the manufacturer has undergone an initial product test and in-plant production test by the manufacturer as well as additional tests of samples taken from the plant according to a set testing plan. The notified body - TÜV NORD Systems GmbH & Co. KG, certification body Construction Products for Metal Structure - has carried out an initial inspection of the plant and as well the in-plant production test and is carrying out ongoing monitoring, assessment and recognition of in-plant production testing.

Certificate-No.: 0045-CPD-1736

This certificate issued under the Construction Products Act applies with the proviso that the standard, with which the harmonised standard is implemented in Germany, has been published in the Federal Gazette and the stipulations in the harmonised technical specification cited and the production conditions in the plant or the in-plant production test are not themselves substantively modified.

Hamburg, 2012-12-20

Remark for Validity:

Valid until 2017-12-19

TÜV NORD Systems GmbH & Co. KG
Große Bahnstraße 31
D-22525 Hamburg
Germany

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Tel. +49-(0) 40-8557-2368
Fax +49-(0) 40-8557-2710
e-mail rwehner@tuev-nord.de



Wehner

Head of the Certification Body
- Construction Products for Metal Structure -
of TÜV NORD Systems GmbH & Co. KG
Benannte Stelle (notified body), Kennnummer 0045

TÜV NORD Systems GmbH & Co. KG

Certification Body Construction Products for Metal Structures

Page 2 to certificate about factory production control (FPC)
No. 0045-CPD-1736 issued 2012-12-20

The following construction products belonging to the scope of certificate and are subject of factory production control which is inspected by the Inspection Body for construction products for metal structures of TÜV NORD Systems GmbH & Co. KG – notifizierte Stelle mit Registrier-Nr. "0045":

Construction Product	Range of Dimensions and Surface treatment	Materials
Hexagon head bolts DIN EN 15048-1 ISO 4014, ISO 4017 (or modified)	M12 – M30 / HDG – EN ISO 10684 M12 – M30 / Flake Zinc – EN ISO 10683 M12 – M30 / electroplated – EN ISO 4042 Also Without surface treatment	5.6, 5.8, 8.8 5.6, 5.8, 8.8 5.6, 5.8, 8.8
Stud bolts acc. to DIN EN 15048-1 with threaded both ends or as threaded rods DIN ISO 1891, 4.8 (or modified)	M12 – M30 / HDG– EN ISO 10684 M12 – M30 / Flake Zinc – EN ISO 10683 M12 – M30 / electroplated – EN ISO 4042 Also Without surface treatment	5.6, 5.8, 8.8 5.6, 5.8, 8.8 5.6, 5.8, 8.8
Hexagon Nuts DIN EN 15048-1, ISO 4032, ISO 4033 (or modified)	M12 – M30 / HDG – EN ISO 10684 Also Without surface treatment	5, 6, 8
Washers DIN EN 15048-1	M12 – M30 / HDG – EN ISO 10684 Also Without surface treatment	Hardness class HV 100 or HV 300 - 370

