

# CERTIFICATE

## of Conformity of the Factory Production Control

### 1922 - CPR - 0120

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s)

#### **High-strength structural bolting assemblies for preloading and Non-preloaded structural bolting assemblies.**

(The relevant types and sizes of the products are described in Annex I that is an inseparable part of this certificate)

placed on the market under the name or trade mark of

**ÇETİN CİVATA SANAYİ ve TİCARET A.Ş.**

**MURATBEY MAH. FABRIKALAR CAD. NO:17 ÇATALCA İSTANBUL TÜRKİYE**

and produced in the manufacturing plant

**ÇETİN CİVATA SANAYİ ve TİCARET A.Ş.**

**MURATBEY MAH. FABRIKALAR CAD. NO:17 ÇATALCA İSTANBUL TÜRKİYE**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

#### **EN 14399-1:2015 and EN 15048-1:2007**

under system 2+ are applied and that the factory production control is assessed to be in conformity with the applicable requirements.

This certificate was first issued on 15.08.2012 as 1922-CPD-0120 and reissued as 1922-CPR-0120 on 15.08.2013 and will remain valid until 01.09.2024 as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body. The certificate is supported through annual surveillance audit and is reissued after each surveillance audit. The validity of the certificate may be confirmed in the CE register at the web address [www.dedal-bg.net](http://www.dedal-bg.net).



Attestation &  
Certification

Manager:

*Anna Vasileva*



dipl. eng. Anna Vasileva

Issued:  
Burgas, 01 September 2021

Ref. No. 01-00

## ANNEX I TO CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL 1922-CPR-0120/ 01.09.2021

### EN 14399-1 - High-strength structural bolting assemblies for preloading.

Bolts - Size - M4; M5; M6; M8; M10; M12; M14; M16; M18; M20; M22; M24; M27; M30; M33; M36

Grades - 8.8, 9.8; 10.9; 12.9

Nuts - Size - M4; M5; M6; M8; M10; M12; M14; M16; M18; M20; M22; M24; M27; M30; M33; M36

Grades - 8, 10, 12

Washers - Size - M4; M5; M6; M8; M10; M12; M14; M16; M18; M20; M22; M24; M27; M30; M33; M36

Suitability for preloading - Class KO

Essential characteristics	Bolts	Nuts	Washers
Elongation	X	-	-
Tensile strength	X	-	-
Strength under wedge loading	X	-	-
Tensile yield strength	X		
Proof load	X	X	-
Impact strength	X	-	-
Hardness	X	X	X
Compression load	X	X	X

### EN 15048-1 Non-preloaded structural bolting assemblies.

Bolts - Size - M4; M5; M6; M8; M10; M12; M14; M16; M18; M20; M22; M24; M27; M30; M33; M36

Grades - 4.6, 4.8, 5.8, 6.8

Nuts - Size - M4; M5; M6; M8; M10; M12; M14; M16; M18; M20; M22; M24; M27; M30; M33; M36

Grades - 4, 5, 6, 8

Washers - Size - M4; M5; M6; M8; M10; M12; M14; M16; M18; M20; M22; M24; M27; M30; M33; M36

Essential characteristics	Bolts	Nuts	Washers
Tolerances on dimensions	X	X	X
Elongation after fracture	X	-	-
Minimum tensile strength	X	-	-
Lower yield strength	X	-	-
Stress under proof load	X	X	-
Strength under wedge loading	X	-	-
Hardness	X	X	X
Impact strength	X	-	-
Durability	X	X	X
Tensile resistance	X	X	X



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