



BRK INDUSTRIES

Declaration of Performance - No: BRK-12-8.8 HDG-2001

According to Regulation (EU Exit)2019 No.465 & Regulation (EU Exit) 2020 No.1359

For the construction product	HEX BOLT+NUT+WASHER for Structural Fasteners
1. Unique identification code of the product type:	M12, 8.8 SB/ 10SB – HDG – EN 15048-1:2007
2. Intended use:	General Building and Structural metallic works
3. Manufacturer:	BRK INDUSTRIES C-65 Phase V Focal Piont Ludhiana. Punjab India - 141010
4. Authorized representative:	Not Applicable
5. System of AVCP:	System 2+
6. Harmonised standard: UK Approved Body:	EN 15048-1:2007 TUV UK Limited AMP House, Suites 27 – 29, Fifth Floor, Dingwall Road, Croydon, CR0 2LX, United Kingdom

7. Declared performance:		
Essential characteristics	Performance	Harmonized technical specification
<u>BOLT :</u> Dimensions and shape Tensile Strength Stress at 0.2% non proportional elongation Wedge Load Proof Load Hardness Impact Strength Release of Dangerous substance Durability (Corrosion Protection)	ISO 4014 & ISO 4017 830 Mpa Min. 660 Mpa Min. 70KN Min. 50.7KN Min. 23-34 HRC Not Applicable Less than 0.2 ppm Min. coating thickness 40 Microns	EN 15048-1:2007
<u>NUT :</u> Dimensions and shape Proof Load Hardness Release of Dangerous substance Durability (Corrosion Protection)	ISO 4032 88.500KN Min. 272-353 HV Less than 0.2 ppm Min. coating thickness 40 Microns	
<u>WASHER :</u> Dimensions and shape Hardness Release of Dangerous substance Durability (Corrosion Protection)	ISO 7091 100 HV Min. Less than 0.2 ppm Min. coating thickness 40 Microns	
Suitability	Acceptable	
Weldability	Not Applicable	

The performance of the product identified above is in conformity with the set of declared performance.

This Declaration of Performance is issued, in accordance with Construction Products Regulation 2011 Amendment 2020, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Surinder Pal Singh
Work Authorized Inspector
BRK INDUSTRIES

Dated: 22.09.2022

