



BRK INDUSTRIES

Declaration of Performance - No: BRK-16-8.8 BZP-1003

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

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|---|---|--|-----------------|
| For the construction product | HEX BOLT+NUT+WASHER for Structural Fasteners | | |
| 1. Unique identification code of the product type: | M16, 8.8 SB/ 8SB – BZP – EN 15048-1:2007 | | |
| 2. Intended use: | General Building and Structural metallic works | | |
| 3. Manufacturer: | BRK INDUSTRIES C-65 Phase V Focal Point 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 | |
| | BOLT : 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. 130KN Min. 94.5KN Min. 23-34 HRC Minimum 27J at -20°C Less than 0.2 ppm Min. coating thickness 8 Microns | EN 15048-1:2007 |
| | NUT : Dimensions and shape Proof Load Hardness Release of Dangerous substance Durability (Corrosion Protection) | ISO 4032 138.200KN Min. 200-302 HV Less than 0.2 ppm Min. coating thickness 8 Microns | |
| | WASHER : Dimensions and shape Hardness Release of Dangerous substance Durability (Corrosion Protection) | ISO 7091 100 HV Min. Less than 0.2 ppm Min. coating thickness 8 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 | | | |



The Declarations of Performance for download: www.brknutsbolts.com/DOP/BRK/DOP/402

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