DANAK
PROD Reg. No. 7020

FORCE Certification

# Product Certificate for Reinforcing Steel Products

# No.: DK-FC-023-10080-005 version 5

Issued by FORCE Certification A/S in accordance with ABC-Reinforcement steel
General terms for certification of reinforcement steel products 18th edition – January 2025

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| **Issued to:** | **Besta Eisen- und Stahlhandelsgesellschaft mbH**<br>**Zur Rauhen Horst 7**<br>**32312 Lübbecke**<br>**Germany** |
| For the following product: | Welded fabric |
| Production address: | Same as above |
| Certified product: | Reinforcing steel in bars straightened from coils, B550A |
| Coil certificate: | From Badische Stahlwerke GmbH by FORCE Certification A/S |
| Manufacturing process: | Straightened by rotor |
| Product specifications: | Characteristic strength, $R_{eH}$ = 550 MPa<br>Characteristic ductility, $R_m$/ $R_{eH}$ = 1.05 and $A_{gt}$ = 2.5%<br>Class: A, according to Euro code 2<br>Characteristic bonding $f_R$ = 0,035 for 5 mm ≤ d ≤ 6 mm<br>$f_R$ = 0,040 for 7 mm ≤ d ≤ 12 mm<br>Diameters, D= 6 mm through 12 mm |
| Standard specifications: | Weight per meter, bendability, weldability and fatigue |
| Rib geometry: | As shown overleaf |
| Rolled-in marking: | 1 (Germany) and 35 (BESTA) as shown overleaf |
| Initial Inspection: | FORCE-Dantest CERT file No. m1472-161985 |
| Type testing: | FORCE Technology file Nos. m1471-162607/m1471-188481/m1471-202283/m1471-214010 and FORCE Certification historical data stored under file No. 80.971-645/09 |
| Previous certificate: | DK-FC-023-10080-005 version 4 dated 2019-10-23 |

The examined reinforcing steel product fulfils the requirements of DS/EN 10080, 2nd Edition 2006-01-13, and DS/EN 1992-1-1+AC:2008, Annex C, together with DS/EN 1992-1-1 DK NA:2024.

The product certificate is valid for 5 years from the date of issue provided that periodical inspections are carried out during this period. If the product is altered or modified or the certification agreement terminates this certificate is no longer valid. The manufacturer shall inform FORCE Certification A/S about any planned modification.

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| Date of issue: | 2026-09-28 |
| Date of expiry: | 2031-09-28 |
| FC task No.: | 126-20741 |
| FC ID No.: | 23018 |

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## The basis for issuing of certificate DK-FC-023-10080-005 version 5

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| **Danish Standard** | DS/EN 10080, 2nd Edition 2006-01-13 |
| **FORCE Certification document** | Publication<br>ABC-Reinforcement steel<br>18th Edition of January 2025 |
| **FORCE Certification document** | Checklist |
| **Initial Inspection Report** | FORCE-Dantest CERT file No. m1472-161985 |
| **Type Testing Report(s)** | FORCE Technology file Nos. m1471-162607/m1471-188481/m1471-202283/m1471-214010 and FORCE Certification historical data stored under file No. 80.971-645/09 |
| **Continuous surveillance** | Audit reports |
| **QA responsible to FORCE Certification** | Daniel Gomes |
| **Note version 5** | Certificate updated to version 5 due to addition of 6 mm |

**Rib configurations and rolled-in markings**

**1** **3** **5**