

|   |   |                 |                  |                  |                  |   |
|---|---|-----------------|------------------|------------------|------------------|---|
| <b>1. Product Type:</b><br>Unique identification code of the product-type:  | <b>Stainless steel cold drawn hexagon bars grade 1.4307</b>   |                 |                  |                  |                  |   |
| <b>2. Type</b><br>Batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):                    | <b>Acc. To bundle nº on label identification and Mill Test Certification.</b>   |                 |                  |                  |                  |   |
| <b>3. Intended use</b><br>Or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: | <b>Metal structures or composite metal and concrete structures.</b>   |                 |                  |                  |                  |   |
| <b>4. Manufacturer Name</b><br>Registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):                | <b>Böllinghaus Steel Lda.<br/>Travessa da Indústria, 6. 2430-668 Vieira de Leiria, Portugal<br/>e-mail: info@boellinghaus-steel.com website: www.boellinghaus-steel.com</b> |                 |                  |                  |                  |   |
| <b>5. Contact Address:</b><br>Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):  | <b>Not applicable</b>   |                 |                  |                  |                  |   |
| <b>6. AVCP:</b><br>System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:               | <b>System 2+</b>  |                 |                  |                  |                  |   |
| <b>7. Notified body:</b><br>In case of declaration of performance concerning a construction covered by a harmonised standard.   | <b>EN 10088-5</b>   |                 |                  |                  |                  |   |
| <b>8. Notified Body:</b><br>In case of the declaration of performance concerning a construction product for which an European Technical Assessment has been issued:   | <b>TÜV Rheinland Industrie Service GmbH<br/>Identification number 0035<br/>Certificate number 0035-CPR-A196</b>   |                 |                  |                  |                  |   |
| <b>9. Declared performance:</b>   |   |                 |                  |                  |                  |   |
| <b>Essencial Characteristics</b>  | <b>Performance</b>  |                 |                  |                  |                  | <b>Harmonised technical Specification</b>                       |
| <i>Tolerances on dimensions shape</i>   | EN 10278 (h11):1999   |                 |                  |                  |                  | EN 10088-5:2009 (Clause 6.9 and Annex B)                        |
| <i>Condition</i>  | Cold Drawn  |                 |                  |                  |                  | EN 10088-5:2009 (Annex ZA)                                      |
| <i>Dimension range (diameter d)</i>   | d ≤ 10  | 10 < d ≤ 16     | 16 < d ≤ 40      | 40 < d ≤ 63      | 63 < d ≤ 160     | EN 10088-5:2009 (Clause 6.5) and ISO 6892-1:2016                |
| <i>Elongation A % (min.)</i>  | min. 25 (long.)   | min. 25 (long.) | min. 30 (long.)  | min. 30 (long.)  | min. 45 (long.)  |   |
| <i>Tensile Strength Rm (MPa)</i>  | 600 to 930  | 600 to 930      | 500 to 830       | 500 to 830       | 500 to 700       |   |
| <i>Proof Strength Rp0,2 % (MPa)</i>   | min. 400  | min.380         | min. 175         | min. 175         | min. 175         |   |
| <i>Impact strength KV (J)</i>   | NPD   | NPD             | min. 100 (long.) | min. 100 (long.) | min. 100 (long.) | EN 10088-5:2009 (Clause 6.5 and Annex ZA.1) and EN 10045-1:2007 |
| <i>Weldability</i>  | Covered by chemical composition   |                 |                  |                  |                  | EN 10088-5:2009 (Clause 6.3)                                    |
| <i>Durability</i>   | Covered by chemical composition   |                 |                  |                  |                  |   |
| <i>Appropriate Technical Documentation and/or Specific Technical Documentation</i>  | <b>0035-CPR-A196<br/>EN 10088-5</b>   |                 |                  |                  |                  |   |

**10. Declaration:**

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**Authorized Inspection Representative**

Nuno Silva (NS)



**Quality Manager**

David Reis (DR)

