

1. Product Type: Unique identification code of the product-type:	Stainless steel cold drawn hexagon bars grade 1.4305			
2. Type Batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):	Acc. To bundle nº on label identification and Mill Test Certification.			
3. Intended use Or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:	Metal structures or composite metal and concrete structures.			
4. Manufacturer Name Registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):	Böllinghaus Steel Lda. Travessa da Indústria, 6. 2430-668 Vieira de Leiria, Portugal e-mail: info@boellinghaus-steel.com website: www.boellinghaus-steel.com			
5. Contact Address: Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):	Not applicable			
6. AVCP: System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:	System 2+			
7. Notified body: In case of declaration of performance concerning a construction covered by a harmonised standard.	EN 10088-5			
8. Notified Body: In case of the declaration of performance concerning a construction product for which an European Technical Assessment has been issued:	TÜV Rheinland Industrie Service GmbH Identification number 0035 Certificate number 0035-CPR-A196			
9. Declared performance:				
Essencial Characteristics	Performance		Harmonised technical Specification	
<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 ≤ 16	16 < d ≤ 63	63 < d ≤ 160	EN 10088-5:2009 (Clause 6.5) and ISO 6892-1:2016
<i>Elongation A % (min.)</i>	min. 15 (long.)	min. 20 (long.)	min. 35 (long.)	
<i>Tensile Strength Rm (MPa)</i>	600 to 950	500 to 850	500 to 750	
<i>Proof Strength Rp0,2 % (MPa)</i>	min. 400	min. 190	min. 190	
<i>Impact strength KV (J)</i>	NPD	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>	0035-CPR-A196 EN 10088-5			

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)

