

DECLARATION OF PERFORMANCE

No. DoP-1005820160217

1. Unique identification code of the product-type:

EN 15048-1 Non-preloaded structural bolting assemblies

- **Hexagon structural bolt, nut (EN 15048-1) : M12~M24**

2. Intended use/es:

**Hexagon structural bolt Assemblies
Bolt ISO4017 / ISO4014 CL 8.8
Nut ISO4032 CL8**

3. Manufacturer:

- **Name: KPF VINA Co.,Ltd**
- **Address:** Plot XN 2, Dai An Expansion Industrial Zone, Lai Cach Town, Cam Giang District, Hai Duong Province, Vietnam
- **Tel:** 84 320 3555 127
- **Fax:** 84 320 3555 127

Email: www.kpf-global.com

4. Authorised representative:

- **Name : KPF Europe office (Germany)**
- **Address:** MesseTurm 33 OG., Friedrich-Ebert-Anlage 49, D-60308, Frankfurt am Main, Germany
- **Tel:** +49(0)69-242-992-93

5. System/s of AVCP

System 2+

6a. Harmonised standard:

EN 15048-1:2007

Notified body/ies:

TÜV Rheinland LGA Bautechnik GmbH (Identification Number 0780) performed the Initial Factory Inspection under System 2+ and issued Certificate of Conformity of the Factory Production Control Nr. 0780-CPR-152099

6b. European Assessment Document: **N/A**

European Technical Assessment: **N/A**

Technical Assessment Body: **N/A**

Notified body/ies: **N/A**

7. Declared performance/s:

Essential characteristics		Performance ISO 898-1:2013 ISO 898-2:2012	Harmonised technical specification
Bolt	Yield Strength	≥ 660N/mm ²	EN 15048-1 : 2007
	Tensile Strength	≥ 830N/mm ²	
	Elongation	≥ 12%	
	Impact strength	≥ 27J	
	Wedge Tensile Load	≥ 830N/mm ²	
	Load of Proof Load	≥ 600 N/mm ²	
	Elongation of Proof Load	±12.5µm	
	Hardness	(23-34)HRC	
	Plated thickness	≥5µm	
Nut	Hardness	M12-M16 : (200-302)HV M20-M24 : (233-353)HV	
	Proof Load	M12-M16 : ≥ 880N/mm ² M20-M24 : ≥ 920N/mm ²	
	Plated thickness	≥5µm	
Set	Assembly Tension Test	≥ 830N/mm ²	

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

N/A

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

[Name] Lee Chaegy

At [Place] Hai Duong, Viet Nam

On[Date of issue] 31th 03. 2016



PRODUCTION DIRECTOR
Lee Chaegy