

DECLARATION OF PERFORMANCE

No. DoP-1005820210930

1. Unique identification code of the product-type:

EN 15048-1 Non-preloaded structural bolting assemblies

- **Hexagon structural bolt, nut (EN 15048-1) : M8~M24**

2. Intended use/es:

Bolt ISO 4017 / ISO 4014 CL 8.8

Bolt ISO 4762 CL 8.8

Nut ISO 4032 CL 8

Hexagon socket head cap screws

Hexagon structural bolt Assemblies

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+

6. Harmonised standard:

EN 15048-1:2007

Notified body/ies:

TÜV Rheinland Industrie Service GmbH (Identification Number 0035) performed the Initial Factory Inspection under System 2+ and issued Certificate of Conformity of the Factory Production Control Nr. **0035-CPR-A691**

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	$\geq 830\text{N/mm}^2$
	Load of Proof Load	$\geq 600\text{ N/mm}^2$
	Elongation of Proof Load	$\pm 12.5\mu\text{m}$
	Hardness	(23-34)HRC
	Plated thickness	$\geq 5\mu\text{m}$
Nut	Hardness	M8-M16 : (200-302)HV M20-M24 : (233-353)HV
	Proof Load	M8-M16 : $\geq 880\text{N/mm}^2$ M20-M24 : $\geq 920\text{N/mm}^2$
	Plated thickness	$\geq 5\mu\text{m}$
Set	Assembly Tension Test	$\geq 830\text{N/mm}^2$

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] **25th . 05. 2022**

Chief of Quality Control Dept.