



DECLARATION OF PERFORMANCE (DoP)

No. JH-CPR-A366687G1

1. Unique identification code of the product-type:

EN 15048-1

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:

Non-preloaded structural bolting assemblies
Charge: see label or accompanying documents

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer :

Bolt connections are able to be shear and/or tensile loaded

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Jinn Her Enterprise Co., Ltd.
No. 107, Shin Lo St. Kangshan District
Kaohsiung City, Taiwan R. O. C.

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

N/A

6. 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. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

EN 15048-1: 2007

TÜV Rheinland LGA Bautechnik GmbH with the notified body No. 0780 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control, and issued the certificate of constancy of conformity of the factory production control: EC certificate of Factory Production Control, No. 0780-CPR-142094



8. Declared performance:

Essential characteristics	Performance	Harmonized technical Characteristics
Bolts		EN 15048-1:2007
Tolerances on dimensions, form and position	EN ISO 4759-1 For $d \leq 24$ mm and $l \leq 10d$ or 150 mm : A For $d > 24$ mm or $l > 10d$ or 150 mm : B	
Percent elongation after fracture	EN ISO 898-1	
Minimum tensile strength		
Stress at 0,2 % non-proportional elongation		
Stress under proof load		
Strength under wedge loading		
Hardness		
Impact strength		
Release of dangerous substances	NPD	
Durability	NPD	
Nuts		
Tolerances on dimensions, form and position	EN ISO 4759-1 $d \leq 16$ mm : A $d > 16$ mm : B	
Stress under proof load	EN 20898-2	
Hardness		
Release of dangerous substances	NPD	
Durability	NPD	
Washers		
Tolerances on dimensions, form and position	EN ISO 4759-3 Product grade B	
Hardness	EN ISO 7089	
Release of dangerous substances	NPD	
Durability	NPD	
Assemblies		
Tensile resistance of the assembly	$F_{bi\ max} \geq F_{ub}$	
Durability	NPD	

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. 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:

WEN-DA TSAI

Quality Chief

signature

2014-09-19

Date of issue