

JIANGSU YONGYI FASTENER CO., LTD

NO.6 SOUTH OF JINXING ROAD, XINGZHUANG VILLAGE, HAITOU TOWN, GANYU DISTRICT, LIANYUNGANG. CHINA
TEL: 86-574-86508139 FAX: 86-574-86508208



DECLARATION OF PERFORMANCE

Issued in accordance with the Regulation
305/2011/EU of the European Parliament and of the
Council of 9 March 2011 (the Construction Products
Regulation or CPR)

DOP No. XYLX-CE-15048-01

1. Unique Identification of Product type: Non-preloaded structural bolting assembly
2. ORDER No.:4504907590
Product range:
 - EN15048-1:2007
 - Bolts M (12-36) x (25-800)
 - 8.8, 10.9
 - Nuts M (12-36)
 - 8, 10
 - Washer D (12-36) 100HV (minimum)
3. High-strength Structural Bolting Assemblies for building construction or civil engineering.
4. Name: Jiangsu Yongyi Fasteners Co., LTD
Address: South Jinxing Road, Haizhou Bay Industrial Zone, Haitou Town, Ganyu District, Lianyungang City, Jiangsu Province
5. Harmonized standard:
 - BS EN 15048-1:2007
 - BS EN 15048-2:2007
6. EC Certificate of Conformity No.: 0343/CPR/SHA/BJG6041035/02
Notified Body: LRQA Nederland B.V.(0343)
Address: George Hintzenweg 77, 3068 AX Rotterdam, The Netherlands
7. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 2+

8. Declared performance:

Essential characteristics	Performance	Harmonized technical specification
Type	SB ISO 4017/4032	EN 15048-1
Property class	8.8/8 (or 8.8/10)	
Product grade	X/X (A;B;C/A;B;C)	
Bolts		
Tolerances on dim., form and position	EN ISO 4759-1	EN 15048-1
Elongation after fracture	min. 12% (ISO 898-1)	
Contraction rate of the section	min. 52% (ISO 898-1)	
Minimum tensile strength	min. 830 MPa (ISO 898-1)	
Lower yield strength or	min. 660 MPa (ISO 898-1)	
Stress at 0,2 % non-proportional elongation		
Stress under proof load	min. 600 MPa (ISO 898-1)	
Strength under wedge loading	min. 830 MPa (ISO 898-1)	
Hardness	23-34 HRC (ISO 898-1)	
Impact strength	min. 27 J at -20 °C (ISO 898-1)	
Nuts		
Tolerances on dim., form and position	EN ISO 4759-1	EN 15048-2
Stress under proof load	min. 1060MPa (ISO 898-2)	
Hardness	max. 36 HRC (ISO 898-2)	
Assemblies		
Tensile resistance of the assembly	min. 830 MPa	EN 15048-1

Signature: 

Date of issue: 2024. 11. 19

Mr. Li Gang on behalf of Jiangsu Yongyi Fasteners Co., LTD

Factory manager