

# Certificate

## Conformity of the factory production control

According to Construction Products Regulation 2011  
(retained EU law EUR 305/2011) as amended

Certificate no.: 2571-UK-CPR-A683

In compliance with the Construction Products Regulation 2011  
(retained EU law EUR 305/2011) as amended, this certificate  
applies to the construction product:

Scope: **High-strength structural bolting assemblies for preloading**  
for metal structures or in composite metal and concrete structures  
(see Annex, 2023.01.16, Rev.:00)

Name and address of the  
manufacturer: **Chun Yu Works & Co., Ltd.**  
**No. 100, Ta-Pao Street,**  
**Kangshan, Kaohsiung 82063, Taiwan,**  
**R.O.C.**

Manufacturing plant: see certificate holder

Confirmation: This certificate attests that all provisions concerning the  
assessment and verification of constancy of performance  
described in Annex ZA of the standard:

**EN 14399-1:2015**

under System 2+ are applied and that the factory production control  
fulfills all the prescribed requirements set out above.

Validity period: This certificate was first issued on [16.01.2023] and will remain  
valid as long as the test methods and/or factory production control  
requirements included in the designated standard used to assess  
the performance of the declared characteristics, do not change,  
and the product, and the manufacturing conditions in the plant are  
not modified significantly, but not longer than [30.06.2025].

Cologne, 2023-01-16

  
Gerhard Brokopp  
Approved body for construction products



TUV Rheinland UK Ltd  
Approved Body for construction products, No. 2571  
1011 Stratford Road, Shirley, Solihull, B90 4BN  
ukca@uk.tuv.com  
A UKAS accredited certification body, No. 8400

MS-0046911 K-208-E-Rev01

Approved Body for construction products, No. 2571

**Annex to Certificate No.: 2571-UK-CPR-A683**

Scope according to		Construction Products Regulation 2011 (retained EU law EUR 305/2011) as amended											
Manufacturer				Work				Nationality		Date		Page No..	
Company Name: Chun Yu Works & Co., Ltd. Location: No. 100, Ta-Pao Street, Kangshan, Kaohsiung 82063, Taiwan, R.O.C.				Chun Yu Works & Co., Ltd. No. 100, Ta-Pao Street, Kangshan, Kaohsiung 82063, Taiwan, R.O.C.				Taiwan R.O.C		2023-01-16		1 of 1	
								Rev.: 00					
Cur-	Materials term Materials-No.	Material Specification	Delivery Cond.*	Article Type of Product	Dimensions				Weight max		Technical Specifications Requirements Technical Regulations	Remarks	
					Thickness mm		Ø mm		1=t / 2=kg				
					from	Up to	fro m	Up to	↓	res ult			
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10	
1	8.8 / 8 10.9 / 10	EN 14399-1: 2015	+QT	System HR	---	---	M12	M36	---	---	EN 14399-1 EN 14399-2 EN 14399-3 EN 14399-5 EN 14399-6	k-class K1: 0.1 ≤ Ki ≤ 0.16, k-class K2: 0.1 ≤ Km ≤ 0.23; Vk ≤ 0.06	
2	10.9 / 10	EN 14399-1: 2015	+QT	System HV	---	---	M12	M36	---	---	EN 14399-1 EN 14399-2 EN 14399-4 EN 14399-6	Surface treatment: None (Black)	
3	10.9 / 10	EN 14399-1: 2015	+QT	System HRC	---	---	M12	M30	---	---	EN 14399-1 EN 14399-2 EN 14399-10 EN 14399-5 EN 14399-6	k-class K0 k-class K1: 0.1 ≤ Ki ≤ 0.16 k-class K2: 0.1 ≤ Km ≤ 0.23; Vk ≤ 0.06 Surface treatment: None (Black) Zinc Flake Coated	

<b>Remarks</b>	+AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed	+NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved
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