

Certificate

Conformity of the factory production control

according Regulation 305/2011/EU: System 2+

Certificate Registr. No. **0035-CPR-A683.00**

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation - CPR), 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 to certificate: 0035-CPR-A683, revision 1 from 2023-05-24**

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: CHUN YU WORKS & CO., LTD.
No. 100, Ta-Pao Street,
Kangshan, Kaohsiung 82063
Taiwan, R.O.C.


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

EN 14399-1:2015

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

Validity: This certificate was first issued on 2020-12-31 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonized 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 2026-06-30.

Cologne, 2023-05-24


Dipl.-Ing. Achim Makowka
Certification body for construction products



TÜV Rheinland Industrie Service GmbH
Notified Body for construction products (NB 0035)
Am Grauen Stein, D-51105 Cologne

MS-0031546 K-101a-Rev.01

Details of Validity of the factory production control in accordance to Regulation 305/2011/EU: System 2+														
Certificate holder (Manufacturer of Materials)				Manufacturing plant				Nationality		Page No.:		1		
Company Name:		Chun Yu Works & Co., Ltd.		Chun Yu Works & Co., Ltd.				Taiwan		of :		1	TÜV Rheinland Industrie Service GmbH	
Location:		No. 100, Ta-Pao Street, Kangshan, Kaohsiung 82063, Taiwan, R.O.C.		No. 100, Ta-Pao Street, Kangshan, Kaohsiung 82063, Taiwan, R.O.C.				R.O.C		Date:		2023-05-24		
										Rev.:		1		
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max		Technical Specifications Requirements	Technical Regulations	Remarks	
					Thick- ness mm		Ø mm		1=t / 2=kg					↓ 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 14399-1:2015 EN 14399-2 EN 14399-3 EN 14399-5 EN 14399-6	Surface treatment: None (Black) Zinc Flake Coated		
2	10.9 / 10	EN 14399-1:2015	+QT	System HV	---	---	M12	M36	---	---	EN 14399-1:2015 EN 14399-2 EN 14399-4 EN 14399-6			
3	10.9 / 10	EN 14399-1:2015	+QT	System HRC	---	---	M12	M30	---	---	EN 14399-1:2015 EN 14399-2 EN 14399-5 EN 14399-6 EN 14399-10			

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

