

## CE DECLARATION OF PERFORMANCE (DOP)

PRODUCT	Pozi Double Countersunk Head Chipboard Screws Diameters M3.0, M3.5, M4.0, M4.5, M5.0 & M6.0
PRODUCT REFERENCE STANDARD	EN 14592:2022
CONSTRUCTION PRODUCTS REGULATION (UK)	305/2011
IMPORTER	Sinops Limited
ADDRESS OF IMPORTER	Technology House, Brunswick Road, Ashford, Kent TN23 1EN, United Kingdom
CONTACT NO. OF IMPORTER	+44 (0) 1562 888488
MANUFACTURER	Chite Enterprises Co. Ltd
ADDRESS OF MANUFACTURER PLANT	19F, No. 615, Sec. 2, Ta Tung Road, Tainan, Taiwan R.O.C.
TESTING HOUSE	SHR "Het Cambium", Mieuwe Kanaal 9b, PO Box 47, 6700 AL Wageningen, The Netherlands (Notified Body Number: 1686)
FACTORY PROCESS CONTROL (FPC)	Established by the manufacturer and independently ordaudited by SHR
TESTED TO	EN 14592:2022
DECLARDED PERFORMANCE DATA	Appendix 1

## RANGE OF PRODUCTS & EN 14592 TYPES (ANNEX A)

SINOPS / VJT PRODUCT CODES	Product Description
221100 to 2211435 (12600010 to 12600560)	VJT HiTech Csk Pozi Screws, Z&Y

## OTHER INFORMATION

Batch number is included on each small box and outer carton label
Other information is included on each small box and each outer carton label
CE products are made from carbon steel

*The performance of the product identified above is in conformity with the set of declared performance. This Declaration Of Performance is issued, in accordance with EU regulation No. 305/2011, under the sole responsibility of the manufacturer (importer) identified above.*

Signed for and on behalf of the manufacturer by:-

Andy Bridge, Commercial/Quality Manager, Sinops Limited



Declaration Of Performance for above tested under system 4, Annex V of the EU regulation No. 305/2011

**CE DECLARED PERFORMANCE DATA /  
INITIAL TEST RESULTS  
EN 14592:2022**

Screw Size	M3.0	M3.5	M4.0	M4.5	M5.0	M6.0
Nominal Diameter (mm)	3.0	3.5	4.0	4.5	5.0	6.0
Length (mm)	10~50	10~60	12~80	16~80	20~140	25~200
Characteristic Yield Moment (Nmm)	1602	2363	3405	6160	6958	11718
Characteristic Withdrawal Parameter (Nmm <sup>2</sup> )	22.4	21.8	19.0	30.7	31.2	42.7
Characteristic Head Pull-Through Parameter (Nmm <sup>2</sup> )	63.7	55.1	46.3	42.5	49.9	66.8
Characteristic Tensile Capacity (Nmm <sup>2</sup> )	389	363	363	380	350	388
Characteristic Torsional Strength (Nm)	1.52	2.16	3.36	4.73	6.06	11.50
Characteristic Torsional Resistance (Nm)	0.69	0.73	1.17	1.76	1.94	3.83
Characteristic Torsional Ratio (ftor,K /Rtor,k $\geq$ 1.5)	2.20	2.96	2.87	2.69	3.12	3.00
Material used for production	C1022 Carbon Steel					
Corrosion Resistance	Service Class 1 according to EN1995-1-1					



**尚余企業股份有限公司**  
**CHITE ENTERPRISES CO., LTD.**

19F, NO. 615, SEC.2, TA TUNG RD., TAINAN, TAIWAN, R.O.C.

TEL : +886-6-289 2423 (10 LINES) FAX : +886-6-289 2290

## **CE DECLARATION OF PERFORMANCE**

According to

**Construction Products Regulation : (EU) No. 305/2011**

1. POZI DOUBLE COUNTERSUCK HEAD CHIPBOARD SCREWS (HiTech) of the following diameters : M3, M3.5, M4.0, M4.5, M5.0, M6.0
2. Batch (or order) numbered labels are attached to box or pack to allow batch identification.
3. POZI DOUBLE COUNTERSUNK HEAD CHIPBOARD SCREWS are intended for use in timber structures.

4. Manufacturer : **Chite Enterprises Co., Ltd.**  
**19F, No. 615, Sec. 2, Ta Tung RD.,**  
**Tainan, Taiwan, R.O.C.**

5. Test to EN14592 : 2022 under system 3 by  
**SHR**  
**“Het Cambium”**  
**Nieuwe Kanaal 9b, P.O. Box 47**  
**6700 AL Wageningen,**  
**The Netherlands**  
**Notified body Number 1686**

Report number 12.0667r2, date April 8, 2022

6. Declared Performance for the screws identified in point 1 is given in Appendix 1
7. The performance of the product identified in point 1 and 2 is conformity with declared performance in Appendix 1. This declaration of performance is issued under the sole responsibility of the manufacturer in identified in point 4.

Signed for and on behalf of manufacturer by :

**Stephen Cheng Vice Director of Chite Enterprises Co., Ltd**

Signature :

Date : April 8, 2022



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**Appendix 1**

Product identification and the Initial Type Testing results :

Screw Size	M3.0	M3.5	M4.0	M4.5	M5.0	M6.0
Normal Diameter D nom	3.0 mm	3.5 mm	4.0 mm	4.5 mm	5.0 mm	6.0 mm
Length, l (mm)	10 ~ 50	10 ~ 60	12 ~ 80	16 ~ 80	20 ~ 140	25 ~ 200
Characteristic yield moment My, k (Nmm)	1602	2363	3405	6160	6958	11718
Characteristic withdrawal parameter f <sub>ax,k</sub> (Nmm <sup>2</sup> )	22.4	21.8	19	30.7	31.2	4.27
Characteristic head pull-through parameter f <sub>head,k</sub> (Nmm <sup>2</sup> )	63.7	55.1	46.3	42.5	49.9	66.8
Characteristic tensile capacity f <sub>tens,k</sub> (Nmm <sup>2</sup> )	389	363	363	380	350	388
Characteristic strength in torsion f <sub>tor,k</sub> (Nm)	1.52	2.16	3.36	4.73	6.06	11.5
Characteristic torsional resistance R <sub>tor,k</sub> (Nm)	0.69	0.73	1.17	1.76	1.94	3.83
Characteristic torsional ratio f <sub>tor,k</sub> / R <sub>tor,k</sub> ≥ 1.5	2.2	2.96	2.87	2.69	3.12	3
Material used for production	C1022 CARBON STEEL					
Corrosion Resistance	Service Class 1 according EN1995-1-1					