



Material and Engineering Laboratory-Douliou

# Test Report



Report No : DK-19-01350

Page No : 1 OF 2

Date of Report : Nov. 6, 2019

BROADEN WORLDWIDE CO., LTD.

No.126, Sec2, Heti Rd, Gangshan, Kaohsiung 820, Taiwan(R.O.C)

Product Name AS3566 Hex Flange Head Self-drilling Screw,"BN3"

Product Type BN3-SDHC1520C3N(15-15x20mm)

Product Submitted By BROADEN WORLDWIDE CO., LTD.

Date of Sample Received Sep. 17, 2019

Date of Testing Sep. 30, 2019 ~ Oct. 23, 2019

Remark 1.The information mentioned in the above section is provided by Client  
(Exclude Date of Sample Received and Date of Testing)  
2.The following report content marks # is provided by Client.

**The laboratory tests according to the test requests and samples provided by client, and the results are as follows:**

Test Request : Kesternich Test

Test Method : DIN 50018 (2013) - AHT 2.0 S

Reference Method : AS 3566.2-2002

Quantity : 4 Units

Test Duration : 15 Cycle

Test Results :

**Observation**

After test, no obvious change in the appearance of all samples head.  
(as show in Fig. 3)

Test Condition :

Test Equipment		ERICHSEN 519/SA	
Test Chamber Capacity		300 L	
SO <sub>2</sub> Concentration		2.0 L / Cycle	
Method of Supporting Specimens		As show in Fig. 2	
Test Cycle	1st test phase	Test Time	8 Hours
		Test Temp.	40±3°C
		Test Humidity	Approximately 100%
	2nd test phase	Test Times	16 Hours
		Test Temp.	18~28°C
		Test Humidity	75% max.

----- 1 -----

Signed for and on behalf of  
SGS Taiwan Ltd.

The required specification(s) offered in this test report is/are for reference only.  
The conformity judgment is at the Applicant's final verdict.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

TWC3964034

## Test Report



Report No : DK-19-01350

Page No : 2 OF 2

Date of Report : Nov. 6, 2019

### Sample Photos :



Fig. 1 : Received samples



Fig. 2 : Method of supporting specimens



Fig. 3 : After test

----- oOo -----

The required specification(s) offered in this test report is/are for reference only.  
The conformity judgment is at the Applicant's final verdict.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.