

試驗報告

報告編號：HR-20-01155A

頁數：1 OF 2

報告日期：109年10月12日

喜利得股份有限公司

新北市板橋區新站路16號24樓A室

產品名稱：不銹鋼螺紋釘 X-BT-MR M8
產品型號：X-BT-MR M8(#2194339)
供應廠商：喜利得股份有限公司
送驗廠商：喜利得股份有限公司
收件日期：109年06月05日
試驗日期：109年06月05日~109年10月12日
備註：1. 以上資料由顧客提供(收件及試驗日期除外)
2. 除非另有說明，此報告結果僅對測試之樣品負責
未經本公司事先書面同意，此報告不可部分複製
3. 下述報告內容標示#處由顧客提供

我們依照委託者要求，根據委託者送交之樣品（或圖面）進行測試，結果如下：

委託測試要求： 1. 剪力試驗
2. 化學成份

測試參考規範： 2. CNS 10006 鐵及鋼之光電式發光光譜分析法

測試使用設備： 1. SHIMADZU UH-1000KN Universal Testing Machine
2. ARL 3460 Photoelectric Emission Spectrochemical Analyzer

測試結果：

樣品外觀：



-- 接下頁 --

報告簽署人

規範要求值僅供參考，合格之判定以委託單位實際要求為準。

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.

試驗報告



報告編號：HR-20-01155A

頁數：2 OF 2

報告日期：109年10月12日

1. 剪力試驗：

樣品名稱	剪斷荷重
	kgf
不銹鋼螺紋釘 X-BT-MR M8-1	2812
不銹鋼螺紋釘 X-BT-MR M8-2	2769
不銹鋼螺紋釘 X-BT-MR M8-3	2924
不銹鋼螺紋釘 X-BT-MR M8-4	2785
不銹鋼螺紋釘 X-BT-MR M8-5	2766

2. 化學成份：

化學成份(%)	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
不銹鋼螺紋釘 X-BT-MR M8	0.025	0.565	1.145	0.020	<0.001	5.33	22.82	3.0	0.138

-- 以下空白 --

TEST REPORT



Report No. : HR-20-01155

Page : 1 OF 2

Date : October 12, 2020

Hilti (Taiwan) Co., Ltd.

24F No.16 Xinzhan Rd. Banqiao Dist. New Taipei City 220 Taiwan

Product Description: Stainless steel threaded stud X-BT-MR M8

Product Type: X-BT-MR M10(#2194339)

Supplier: Hilti (Taiwan) Co., Ltd.

Product Submitted By: Hilti (Taiwan) Co., Ltd.

Date of Sample Received: June 05, 2020

Date of Testing: June 05, 2020~October 12, 2020

Remark: The information mentioned in the above section is provided by Client
(Exclude Date of Sample Received and Date of Testing)

The following report content marks # is provided by Client

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required : 1. Shear Strength Test
2. Chemical Composition Analysis

Reference Method : 2. CNS 10006 Method for Photoelectric Emission Spectrochemical Analysis of Iron and Steel

Test Equipment : 1. SHIMADZU UH-1000KN Universal Testing Machine
2. ARL 3460 Photoelectric Emission Spectrochemical Analyzer

-- To Next Page --

The value of required specifications are for reference only.

Conformity judgment is 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.

Signed for and on behalf of

SGS TAIWAN Ltd.

TEST REPORT



Report No. : HR-20-01155

Page : 2 OF 2

Date : October 12, 2020

Test Results :

Appearance of Specimen



1. Shear Strength Test:

Test Sample	Shear Load
	kgf
Stainless steel threaded stud X-BT-MR M8-1	2812
Stainless steel threaded stud X-BT-MR M8-2	2769
Stainless steel threaded stud X-BT-MR M8-3	2924
Stainless steel threaded stud X-BT-MR M8-4	2785
Stainless steel threaded stud X-BT-MR M8-5	2766

2. Chemical Composition Analysis:

Composition (%)	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Stainless steel threaded stud X-BT-MR M8	0.025	0.565	1.145	0.020	<0.001	5.33	22.82	3.00	0.138

-- End of Report --