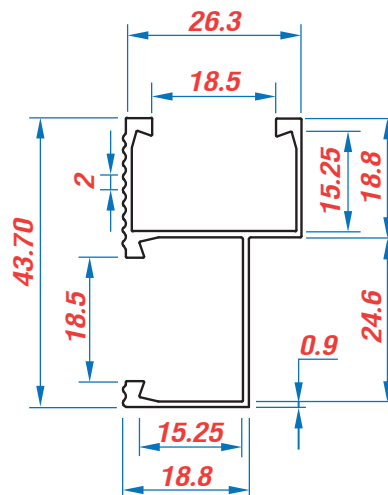
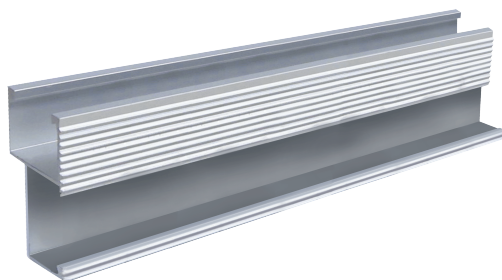


Rail Clamp 240 cm

รางอลูมิเนียมยึดแพวง ขนาด 240 cm



รายละเอียดอุปกรณ์ติดตั้งแพวงโซลาร์เซลล์

รหัสสินค้า	C33
ชื่อสินค้า	Rail Clamp 240 cm
วัสดุ	อลูมิเนียม 6063
ค่าความแข็งของอลูมิเนียม	12-14 Rockwell
แรงดึง	130.19 แรงกิโลกรัม
แรงกด	151.93 แรงกิโลกรัม
น้ำหนัก	3.245 กิโลกรัม/ชิ้น
ขนาดบรรจุภัณฑ์	4 ชิ้น/แพ็ค ขนาดแพ็ค 6x240x5 เซนติเมตร



Thai-German Institute
สถาบันไทย-เยอรมัน

สถาบันไทย-เยอรมัน 700/1 หมู่ที่ 1 นิคมอุตสาหกรรมอมตะนคร ถนนบางนา-ตราด กม.57 ตำบลคลองตำหรุ อำเภอเมืองจังหวัดชลบุรี 20000
Thai-German Institute 700/1 Moo.1 Amatanakron Industrial Estate Bangna-Trad KM.57 Tambol Klong Tamru Amphur Muang Chonburi 20000
Tel. 038-215033-44 Fax. 038743705 http://www.tgi.or.th

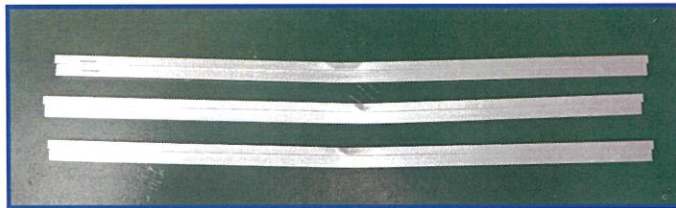
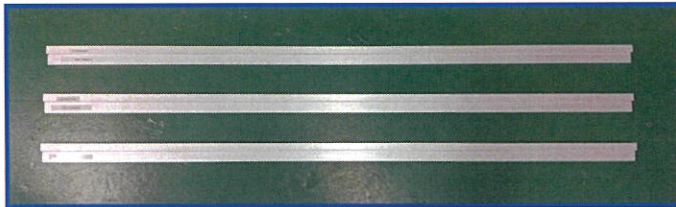
TEST REPORT

Received No.: 68-11-020
Report No.: TGI-CT-001
Rev.: 00

Customer's company name: **PSI Corporation Co., Ltd.**

Address: **2 Soi Ramkhamhaeng 159, Rat Phatthana, Saphansung, Bangkok 10240 Thailand.**

Test Product:	-	Material Characterization:	-
Part Name:	Rail Clamp	Standard of Test:	As Customer Request
Part No.:	01,02,03	Type of Test:	Compression Testing
Lot No.:	-	Equipment / Serial No.:	Universal Testing Machine
Material Specification	-	Equipment's Capacity:	10 Tons
Received Date:	05 / Nov. / 2025	Ambient Temp.:	21.6 °C, 59 % RH
Tested Date:	06 / Nov. / 2025		



Result of Compression test

Test No.	Max. Load (N)	Max. Load (kgf)
01	1,564.800	159.510
02	1,449.299	147.736
03	1,490.454	151.932

Operated by: chainarong
Testing Operator
Technical Team
(06 / Nov. / 2025)

Reviewed by: Mr.Kriangkrai Kaewko
Mr.Kriangkrai Kaewko
Technical Manager
(06 / Nov. / 2025)

Approved by: Mr.Weerasak Thaotho
Mr.Weerasak Thaotho
Quality Manager
(06 / Nov. / 2025)

Commentary:

- Our division and institute not allow to change, add or subtract anywhere on this report, except only in case of already accepted by writing from our division.
- Our division can not confess to any direct or indirect damage that will occur after this by using data, analysis results, results or conclusion in this report to design, produce or others.
- Experiment results are exactly true especially only on specimen that was carried to test.
- "Test marked * in this report are not included in the TISI Accreditation Schedule for our Laboratory"



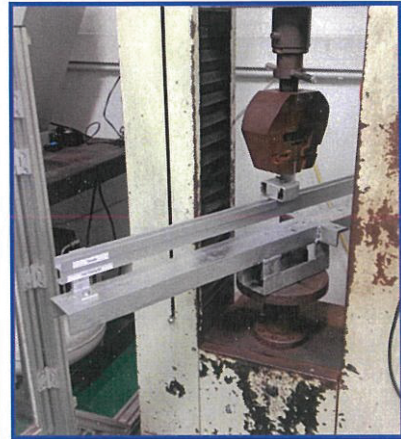
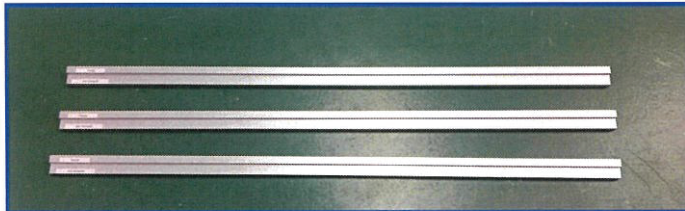
TEST REPORT

Received No.: 68-11-020
Report No.: TGI-TS-001
Rev.: 00

Customer's company name: **PSI Corporation Co., Ltd.**

Address: **2 Soi Ramkhamhaeng 159, Rat Phatthana , Saphansung , Bangkok 10240 Thailand.**

Test Product:	-	Material Characterization:	-
Part Name:	Rail Clamp	Standard of Test:	As Customer Request
Part No.:	01,02,03	Type of Test:	Tensile Testing
Lot No.:	-	Equipment / Serial No.:	Universal Testing Machine
Material Specification	-	Equipment's Capacity:	10 Tons
Received Date:	05 / Nov. / 2025	Ambient Temp.:	21.6 °C, 59 % RH
Tested Date:	06 / Nov. / 2025		



Result of Tensile test

Test No.	Max. Load (N)	Max. Load (kgf)
01	1,206.347	122.971
02	1,277.153	130.188
03	1,365.660	139.211

Operated by: *Chai'narong*
Testing Operator
Technical Team
(06 / Nov. / 2025)

Reviewed by: *[Signature]*
Mr.Kriangkrai Kaewko
Technical Manager
(06 / Nov. / 2025)

Approved by: *[Signature]*
Mr.Weerasak Thaotho
Quality Manager
(06 / Nov. / 2025)

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