



## Load Test Report

Report Number: 57041 March 19, 2018  
Client: KLEVAKLIP SYSTEMS PTY LTD Page 1 of 6  
Unit 63/176 South Creek Rd Cromer NSW 2099  
Client Contact: Greg Doupe  
Order Number: Refer Greg Doupe  
Test Requirements: Load test of adjustable joist supports per the client's instructions.  
Sample: 5 x Galvanised adjustable joist supports and associated hardware.  
Sample Identification: AJS45G  
Test Date: 16/03/18  
Test Conditions: Ambient Temperature 20°C

**Test Equipment:** 500kN Universal Testing Machine A1203 (Calibration Certificate N2221-X-2)  
Support blocks

**Test Load:** Samples were proof load tested for 5 minutes to a load of 5kN per support. One single support was tested and two pairs of supports spaced at 500mm centers. Following the proof load the supports were taken to a maximum load.

### Test Results:

Sample	Proof load (kN)	Maximum load (kN)	Observations
Single	5	12.14	No damage during proof load, bolts bent at max load
Pair 1	10	23.94	No damage during proof load, bolts bent at max load
Pair 2	10	23.84	No damage during proof load, bolts bent at max load

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Rhys James  
Metallurgist  
Sydney

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Figure 1: View of sample received from client.



Figure 2: Example of test setup used to test single sample.

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Figure 3: Single sample after maximum load.



Figure 4: Example of test setup for pair test samples.

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Figure 5: Pair samples after maximum load.

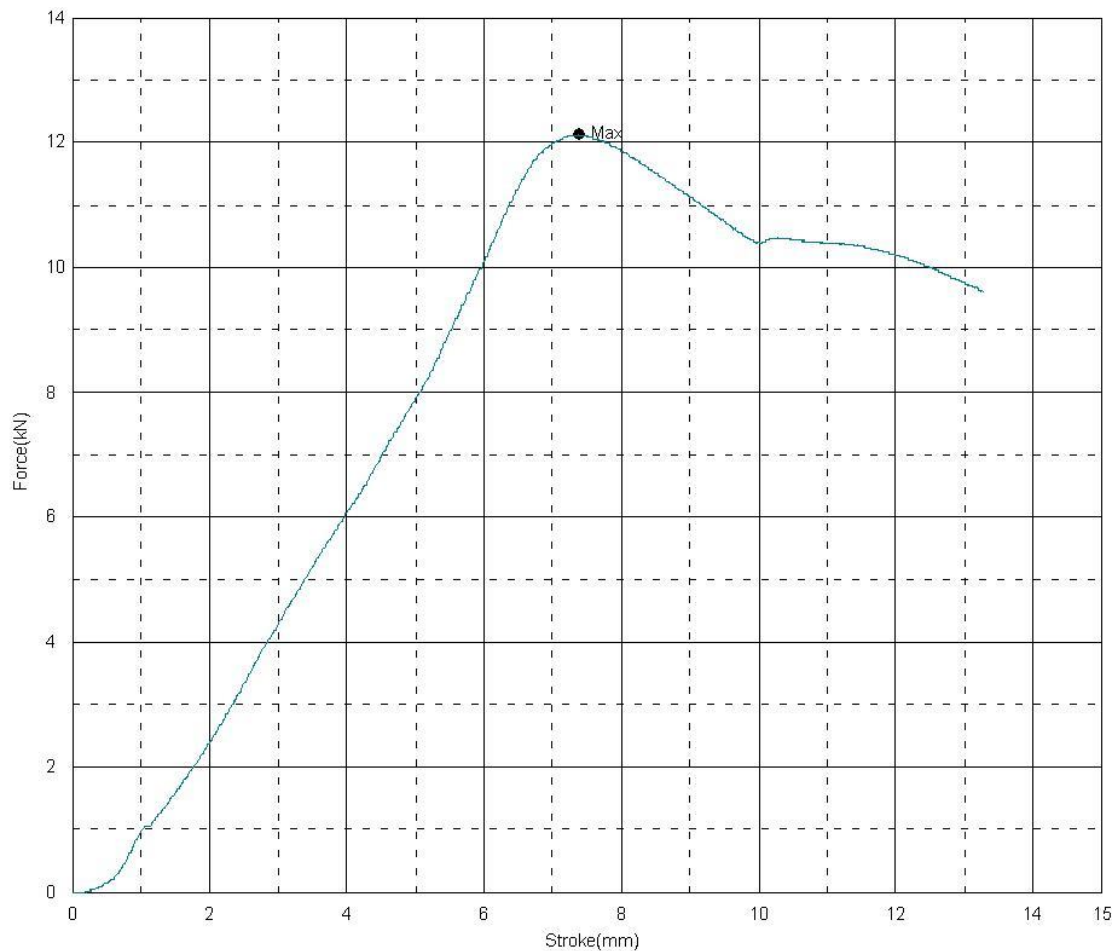


Figure 6: Force/displacement curve for single sample.



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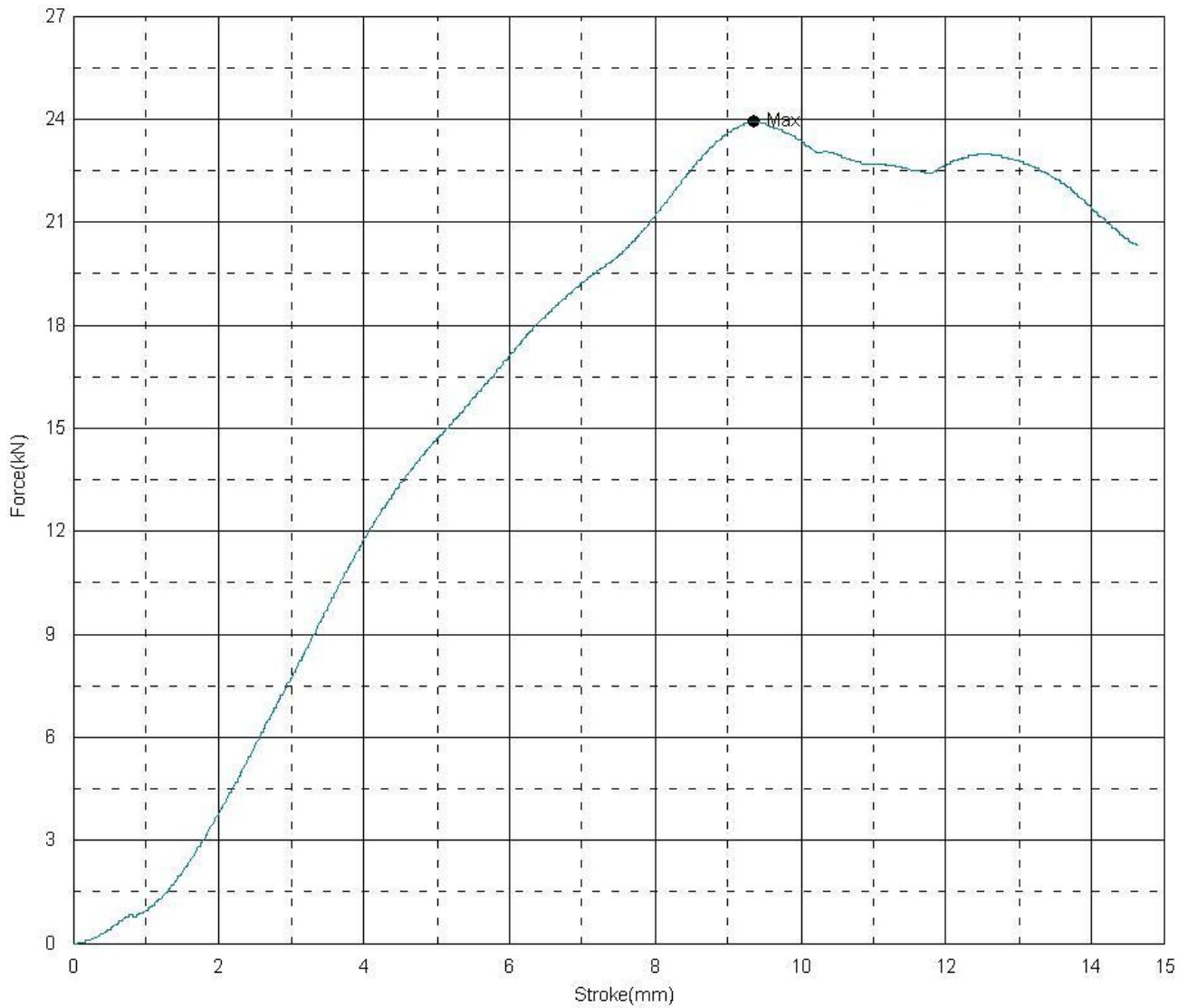


Figure 7: Force/displacement curve for pair 1 sample.



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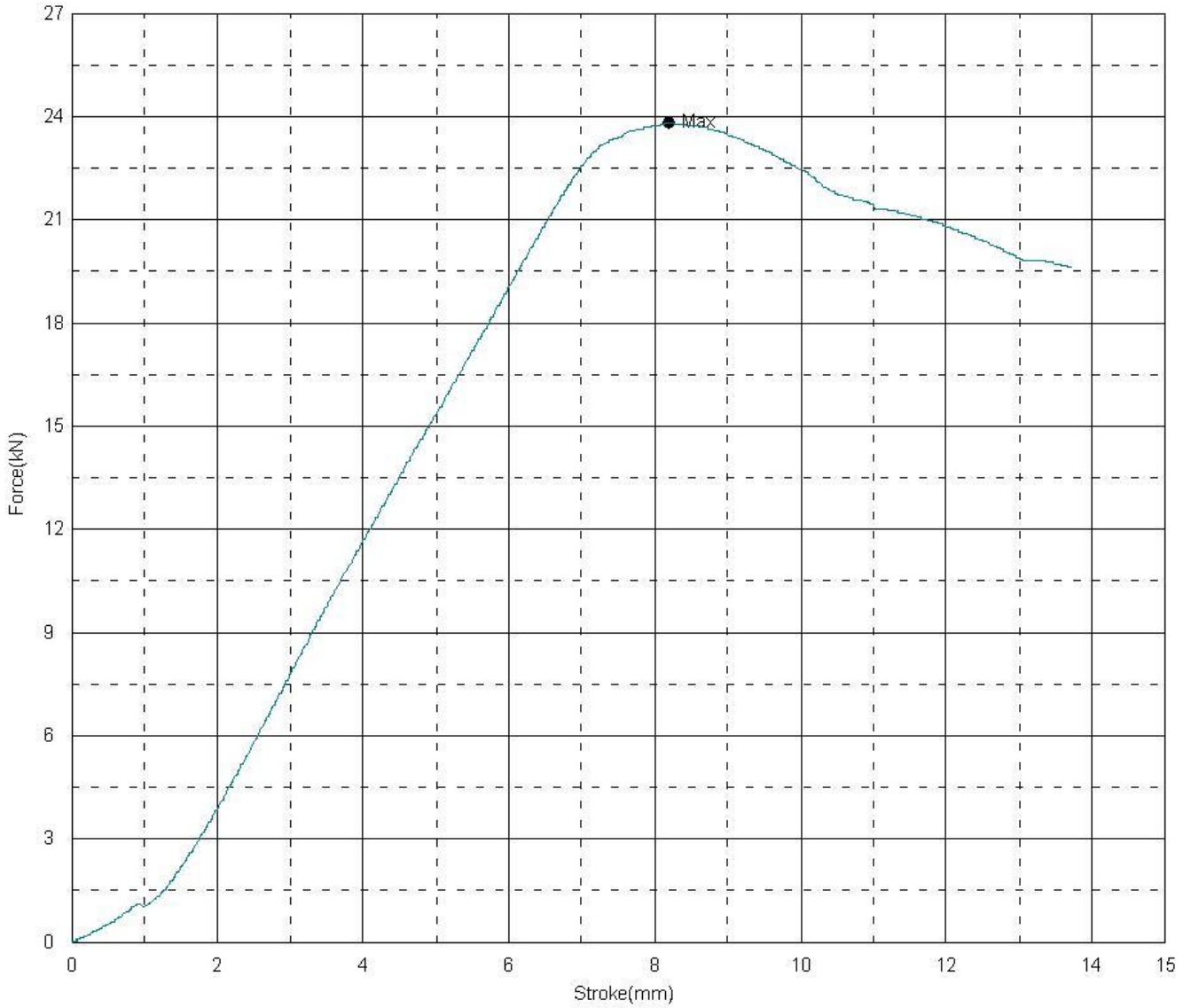


Figure 8: Force/displacement curve for pair 2 sample.