

# TEST REPORT

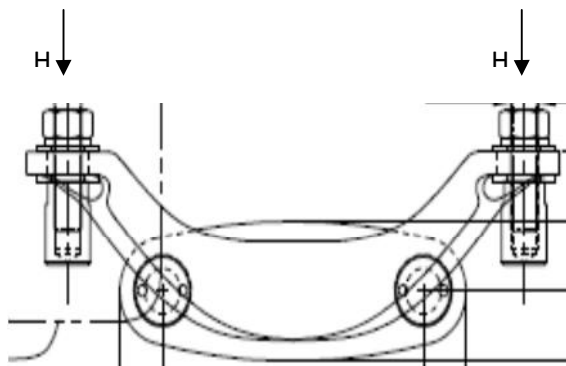
Model: S20 – 2VS SPIDER

**Tested by:** Ricky Lo, BAsC. – Materials Engineering

**Testing Location:** Powertech Labs Inc.

## Test Setup:

Horizontally loaded test performed on both arms of the test piece with respect to a wall application. This is the 3<sup>rd</sup> of 3 tests that will be performed; load applied to both arms at once.



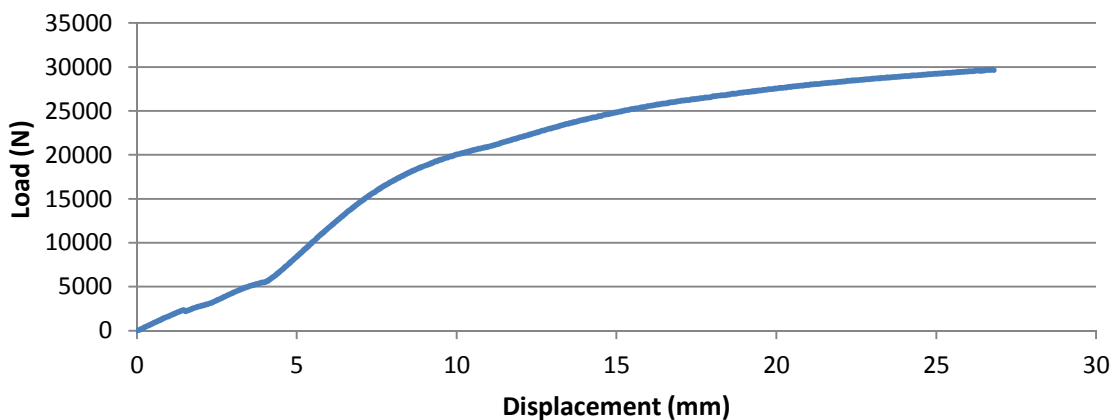
S20-2VS wall application



S20-2VS test setup

## Test Results:

Load (N) vs. Displacement (mm)



## Conclusion/ Observations:

Load picks up at 5kN due to minimizing clearance between screws and jig hole. Yielding begins at 15kN and deformation slowly forms along the arms. At 25kN arm deformation is clearly visible along with deformation at the arm ends and base of test piece.

