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Laboratory Test Report

Two cable fixtures were loaded to failure. The attached photographs show the test assemblies. Recordings of load vs. cross head displacement are attached.

The failure loads were:

Fixture #1	3,000 lbs.
Fixture #2	10,000 lbs.

Note: During the test of Fixture #2, there was a load drop corresponding to the opening of the two brackets. However, the load to failure (fracture at the bolt hole) should not depend on the separation of the two brackets.

Attachments:
1 graph
5 photos

RP/

Fixture #1 (the AR Spacer/Damper sleeve clamp) was held in the tensile test machine as shown in Figure 1. The fixture failed in tension at 3,000 lb, fracturing at the juncture of the u-shaped "hook" and the vertical member as shown in Figure 2. The load history is given in the graph of Figure 3.

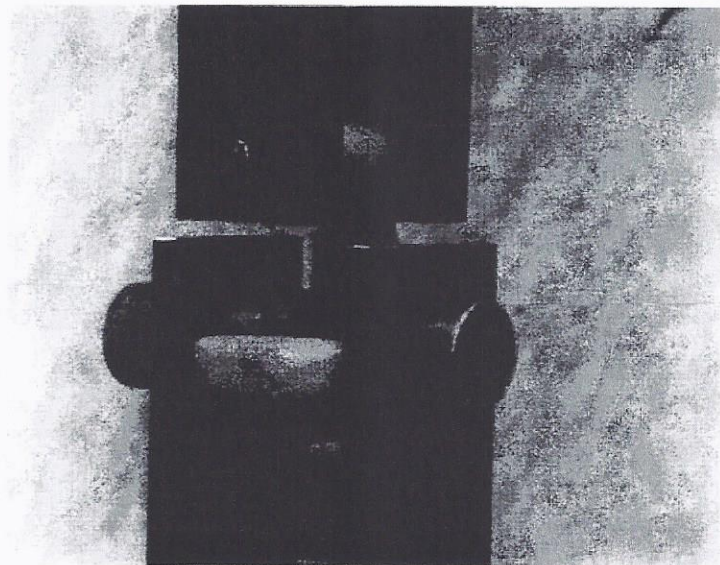


FIGURE 1 — *Fixture #1 (sleeve clamp in test jig.)*

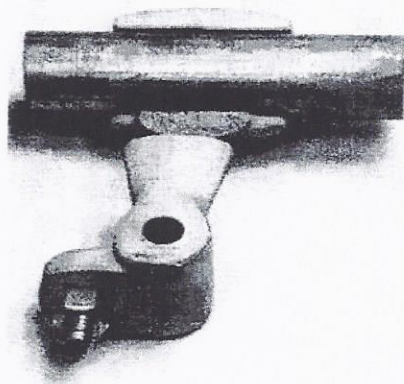


FIGURE 2 — *Fracture of sleeve clamp in tension.*

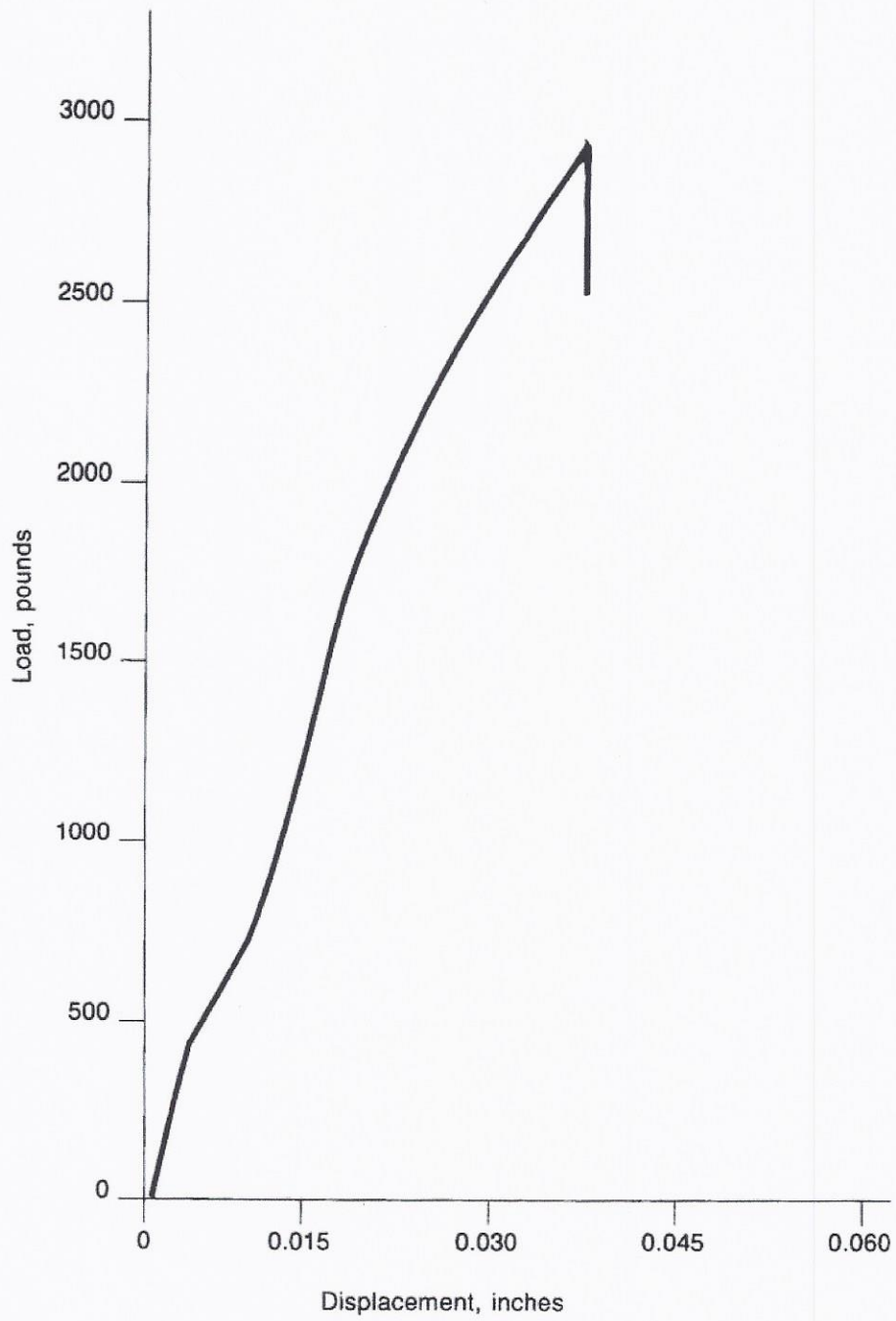


FIGURE 3 — *Load history to failure of sleeve clamp.*