



A DIVISION OF J.T. ADAMS CO., INC.

4520 WILLOW PARKWAY
 CLEVELAND, OHIO 44125
 PHONE (216) 641-3290
 FAX (216) 641-1223
 www.tensile.com

CERTIFIED TEST REPORT

P. A. Stratton & Co. Inc.
 3768 State Route 20
 Collins OH 44826

*Amended Copy: 6-10-20
 Job No.: JB4195-148
 Date: 6-9-2020
 Cust. PO#: 20140714

Description: 1 Sample CRS – U-Support Brackets
 DPB-08 Stratton Brackets

----- TEST RESULTS -----

<u>Condition</u>	<u>Maximum Force - lbs.</u>	<u>Bracket Status</u>	<u>Visual Observations/Notes</u>
Two Brackets 16in. on Center Top Bolts Only			
#1 Test	1,986	Off Center Loading ~7/16→1/2in.	Invalid results (off center) Unequal bracket deflection
#2 Test (set-up center adjusted)	1,484	Bracket pull-in = 0.063" (1/16") Bracket pull-in = 0.125" (1/8") Bracket pull-in = 0.187" (3/16") Bracket pull-in = 0.219" (7/32")	Bracket Deflection Bracket Deflection Bracket Deflection valid results equal bracket deflection
Four Bolts			
#1 Test	12,885	Bracket Pull-in = 0.125" (1/8") Left bolt seated/pinned - Right = 0.035"gap Left bolt just seated - Right = 0.063"gap Both lower hex head bolts pinned	Bracket Deflection Bracket Deflection Lowered force to just seat left Hex head bolt Right top bolt hole fracture

Authorized Agent

*Amendment: Corrected Mailing Address



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Description: 1 Sample Galvanized Steel U-Support Brackets
 DPB-08 Stratton Brackets

----- TEST RESULTS -----

<u>Condition</u>	<u>Maximum Force - lbs.</u>	<u>Bracket Status</u>	<u>Visual Observations/Notes</u>
Two Brackets 16in. on Center Top Bolts Only			
#1 Test	2,408	No Washer shim between left bracket & back plate	Unequal bracket deflection
#2 Test		Bracket pull-in = 0.063" (1/16") Bracket pull-in = 0.125" (1/8")	
	1,889		
Four Bolts			
#3 Test	3,600 ~9,000	left & right bolts seated/pinned Brackets starting to straighten	Bracket Deflection Brackets straightening Right top bolt hole elongating & bracket width reducing
	14,111		


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<u>Condition</u>	<u>Maximum Force - lbs.</u>	<u>Bracket Status</u>	<u>Visual Observations/Notes</u>
Single Bracket Top Bolt Only			
#3 Test	360	Bracket deflected & seated against back wall	
	2,712	Maximum bending load	Bracket deforming
#4 Test	417	Bracket deflected & seated against back wall	
	2,426	Maximum bending load	Bracket deforming
Single Bracket Top/Bottom Bolts			
#5 Test	315	Bracket deflected & seated against back wall	
(Steel 2x4")	6,438	Stopped Test	Bracket straightening & upper bolt hole slightly elongated.
#6 Test	~300	Bracket deflected & seated against back wall	
(Steel 2x4")	7,224	Stopped Test	Bracket straightening, upper & lower bolt hole elongated.


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