



**FIG. 828**  
**Universal Swivel Sway Brace Attachment to Steel**



**Material:** Steel  
**Finish:** Plain or Electro-Galvanized  
**Service:** To attach bracing to various types of steel structural members.  
**Approvals:** Underwriters Laboratories Listed in the USA (UL) and Canada (cUL). Factory Mutual (FM) approved.  
**Ordering:** Figure number and finish.

Max Horizontal Design Load (UL), Max Horizontal Design Load Across Beam 2015 lbs (8.96kN), Max Horizontal Design Load Along Beam 2015 lbs. (8.96kN)

Max Horizontal Design Load (FM) With Brace Perpendicular to the Beam Brace Angle (degrees from vertical)							
30-44 degrees		45-59 degrees		60-74 degrees		75-90 degrees	
Lbs	kN	Lbs	kN	Lbs	kN	Lbs	kN
1570	6.98	2220	9.87	1210	5.38	700	3.11

Max Horizontal Design Load (FM) With Brace Parallel to the Beam Brace Angle (degrees from vertical)							
30-44 degrees		45-59 degrees		60-74 degrees		75-90 degrees	
Lbs	kN	Lbs	kN	Lbs	kN	Lbs	kN
690	3.07	970	4.31	1210	5.38	1330	5.91

FM Approved design loads are based on ASD design method.

Project Information		Approval Stamp
Project:		Notes:
Address:	Contractor:	
Date:	Engineer:	
Approved <input type="checkbox"/> Approved as Noted <input type="checkbox"/> Not Approved <input type="checkbox"/>		