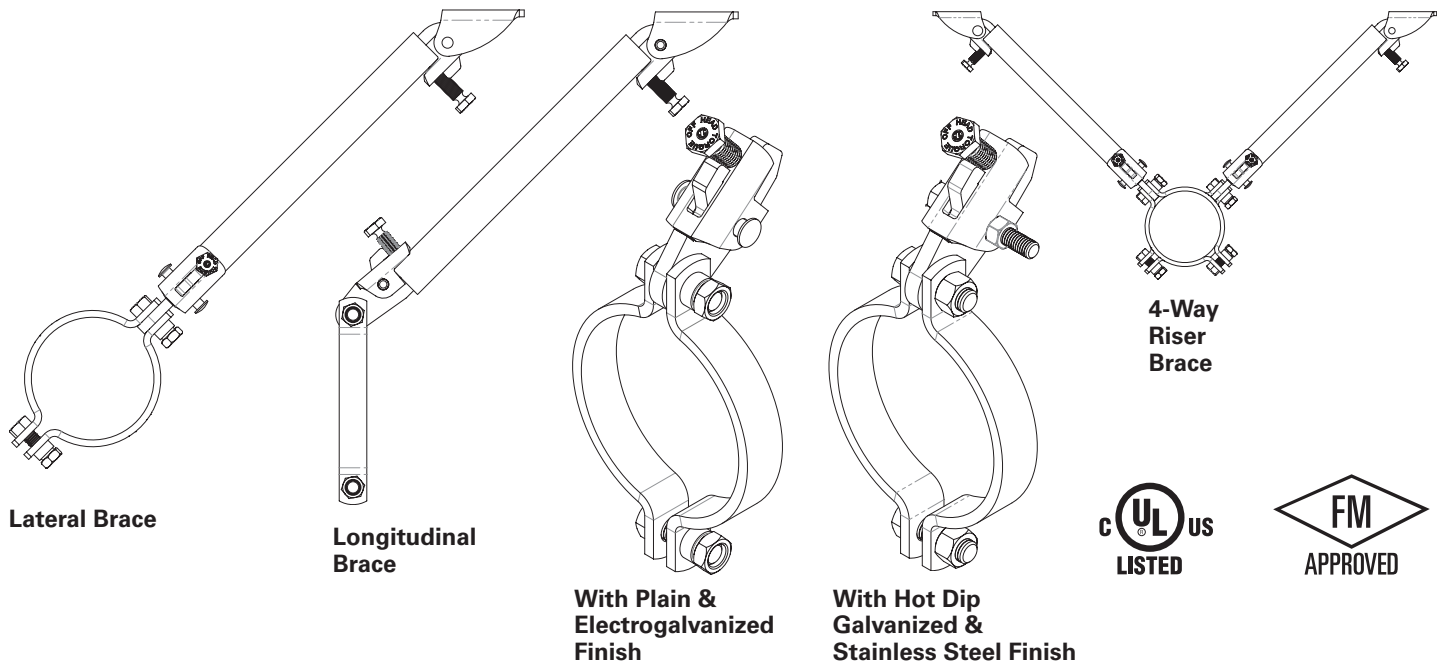


Fig. 4L TOLCO sway brace attachment

Function: For bracing pipe against sway and seismic disturbances. Fig. 4L is the “braced pipe” attachment component of a longitudinal or lateral sway brace assembly. It is intended to be combined with a 1”-2” NPS “bracing pipe” and a TOLCO structural attachment component to form a complete bracing assembly. Sway brace assemblies are intended to be installed in accordance with NFPA 13 and the manufacturer’s installation instructions.



Max UL Rated Load when used as a lateral brace

Pipe size	Rated load	SS Rated load
1" – 4"	1000 lbs.	**1000 lbs.
5" – 6"	*1600 lbs.	**1600 lbs.
8"	*2100 lbs.	—

* Only UL listed for use with a 1" brace pipe

** Stainless steel (Fig. 4LS) is only offered for 4" and 6" size pipe 2½" - 8" 2000 lbs.

Max UL Rated Load when used as a longitudinal brace

Pipe size	Rated load	SS Rated load
1" – 1½"	1000 lbs.	—
2"	1600 lbs.	—
2½" – 8"***	2000 lbs.	**2100 lbs.

** Stainless steel (Fig. 4LS) is only offered for 4" and 6" size pipe

*** Note that the Fig. 4L-4" and 5" are only UL listed for use with 1" thru 1½" brace pipes.

To install: Place the Fig. 4L over the pipe to be braced and tighten down the break-off nuts (note: apply between 50-60 lb. ft. of torque). Tighten the jaw component side nut first until the hex head portion breaks off to verify correct installation torque and then repeat for other side. Next, place the Fig. 4L onto the “bracing pipe” so that there is no more than an ⅛" gap between the end of the bracing pipe and the back of the jaw. Tighten break-off head bolt until the hex head breaks off to verify correct installation torque (note: apply between 36-40 lb. ft. of torque on PLN or EG or 45-50 lb. ft. of torque on HDG or SS Fig. 4L). Pivot jaw for correct angle and attach to structure using TOLCO brand transitional attachment and structural attachment.

Note: Break off nut is only for plain and electrogalvanized finish while standard hex nut is for hot dip galvanized and stainless steel finish. Torque requirements for standard hex nut is a minimum of 50 lbs/ft. and a maximum of 52 lbs/ft.

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Printed in USA
Publication No. IL309015EN
March 24, 2021 B-Line Division

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