DETAIL 5A.1-1: TYPICAL FITTING CONNECTION TO STRUT

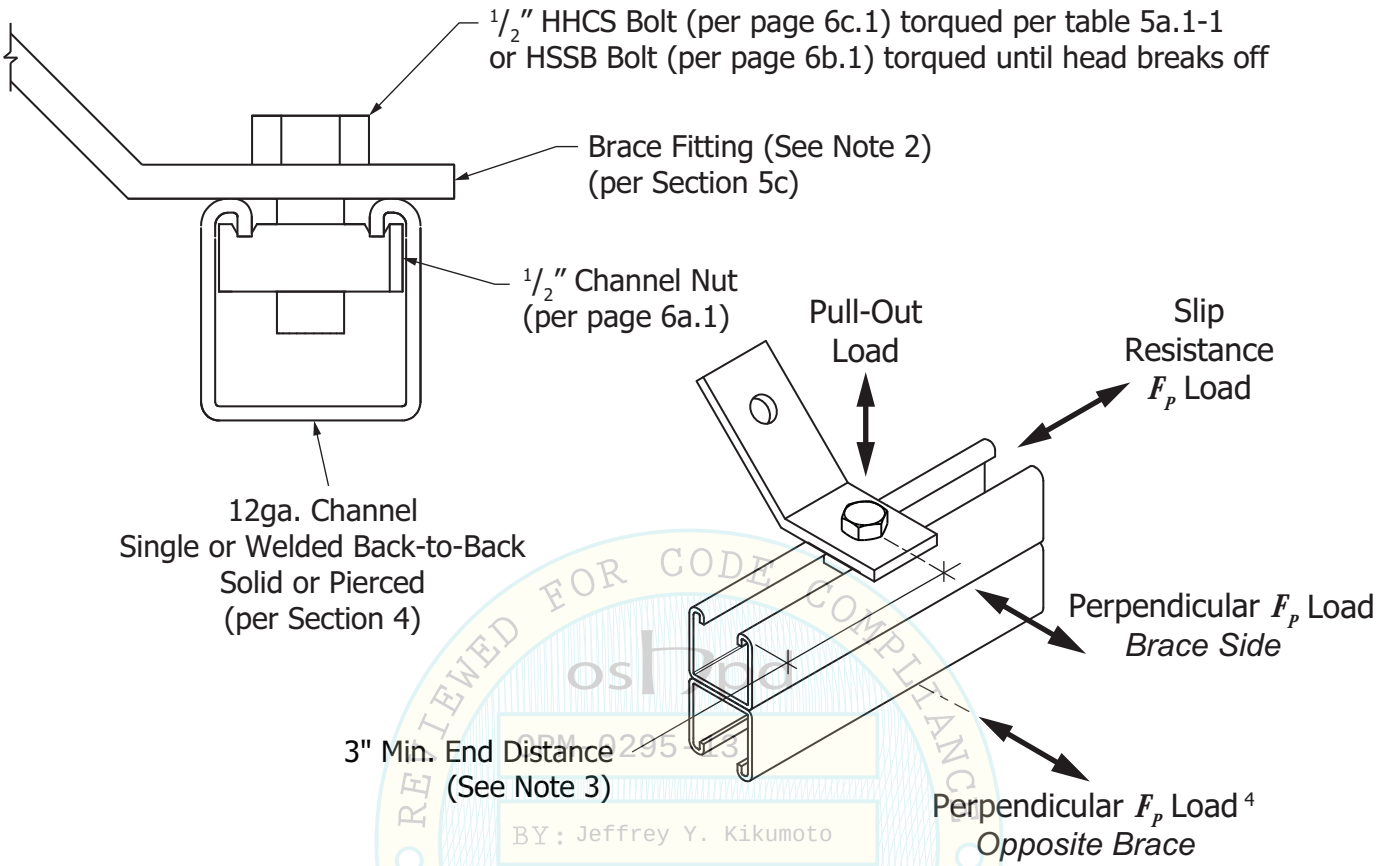

Table 5a.1-1

Bolt Size	Installation Torque (ft-lbs)	Max. Capacity (lbs) [ASD]	Maximum Horizontal F_P Force (lbs) [ASD]		
		Pull-Out	Slip Resistance	Perpendicular Brace Side	Perpendicular [4] Opposite Brace
½"	50 - 55	2,810	1,370	1,035	640

Notes:

1) Capacities listed in Table 5a.1-1 are for this connection only when attached to the open side of the channel. Fittings, Channel and other component capacities must also be considered.
2) The fitting may be oriented in a transverse or longitudinal (as shown) orientation. A typical transverse connection is shown on Detail 5b.2-3. A max of two fittings may also be stacked at this connection to accomodate braces in both directions.
3) For end distances less than 3", use the Wolf Washer per Page 5a.2.
4) When used with P1001, P5501 or P5001 channel and a perpendicular load is applied on the opposite side of the channel from the brace. The total of the perpendicular loads at the Brace Side and Opposite Side must not exceed 1,035 lbs.

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