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Double and single angle, shear end-plate, and tee shear connections - The geometry and thickness of the angles, plate, or tee flange are such that flexing of those connecting elements accommodates rotation.

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When The Earth Moves

Seismic Provisions F2.6b. Beam-to-Column Connections

Where a brace or gusset plate connects to both members at a beam-to-column connection, the connection shall be a simple connection meeting the requirements of *Specification* Section B3.6a where the required rotation is taken to be 0.025 rad.

Connections in Part 10 of the Manual should be capable of accommodating 0.03 radians.

<text><text><image><image>











































































































		- 2013.v05	
FULL	CAPACITY WELD	SCHEDULE	
CONNECTED FLANGE/PLATE THICKNESS (IN)	FILLET WELD SIZE D (IN)	PARTIAL PENETRATION WELD EFFECTIVE THROAT SIZE E (IN)	
≤ 0.37	1/4	NOT REQD	
≤ 0.46	5/16	NOT REQD	
≤ 0.56	3/8	NOT REQD	
≤ 0.65	7/16	NOT REQD	
≤ 0.74	1/2	NOT REQD	
≤ 0.84	9/16	NOT REQD	
≤ 0.93	5/8	NOT REQD	
≤1	7/16	13/16	
≤ 1 1/8	7/16	. 1	
≤ 1 1/4	1/2	1 1/16	
≤ 1 3/8	1/2	1 1/4	
≤ 1 1/2	9/16	1 5/16	
≤ 1 5/8	5/8	1 7/16	
> 1 5/8	N/A	CJP (NOTE 2)	


















































































































