



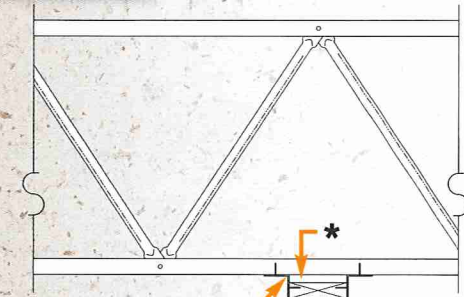
**WEB JOIST**

Inspired by Integrity

**NON-BEARING PARTITIONS • MIN. PIN TO ENDS OF CHORDS • DUCT SIZES**

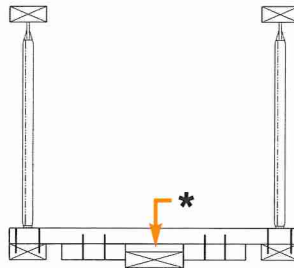
WEB JOIST TRUSS • DESIGN MANUAL

# Non-Bearing Partitions



SIMPSON DTC TRUSS CLIP OR SIMILAR

\*Required clearance equal to maximum total load deflection.



A slip moulding fastened to the ceiling and snug against the wall is recommended to allow for deflection movement.

## Minimum Pin to Ends of Chords

**MINIMUM CENTERLINE PIN TO END OF CHORD**

Detail	Version 1	Version 2
TOP BEARING	A 2.50"	3.50"
	B 6.00"	6.00"
BTM. BEARING	A 1.75"	2.25"
	B 6.00"	6.00"

Detail	Version 1	Version 2
BTM. BEARING	A 1.75"	2.25"
VERTICAL WEB	B 2.50"	3.50"
CANTILEVER	A 6.00"	6.00"
	B 1.75"	2.25"

## Duct Sizes

**FLOOR OR ROOF MAXIMUM O.D. DUCT**

Truss Depth (Inches)	Round Duct Size* (Inches)	
	Version 1	Version 2
14	9	7
16	10	8
18	12	10
20	13	12
22	13	12
24	14	13
26	15	15
28	16	16
30	16	16
32	17	17
34	17	18
36	18	20
38	18	21
40	19	22
42		22
44		23
46		24
48		24
50		25

\*Duct size shown may not apply near bearing or if truss is designed for high loads.

