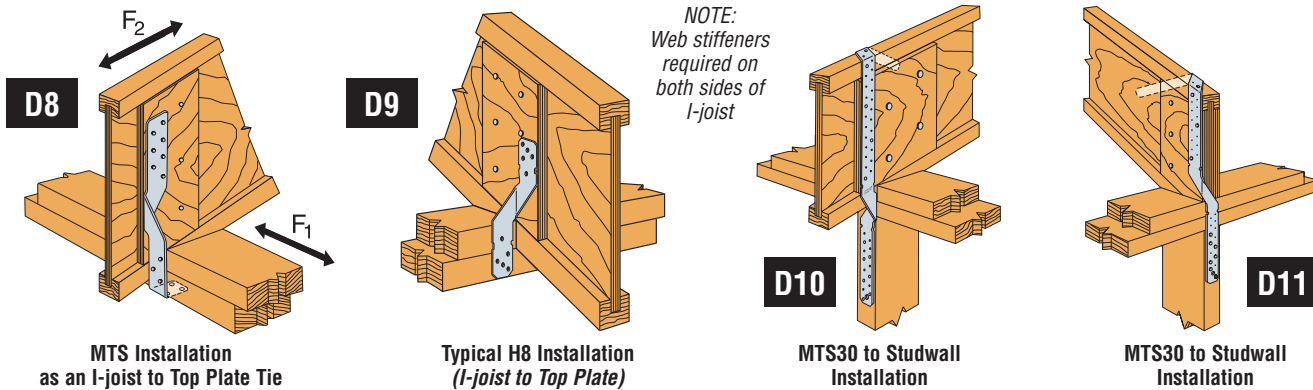


# I-JOISTS TO WALL FRAMING



These products are available with additional corrosion protection. Additional products on this page may also be available with this option, check with Simpson Strong-Tie for details.  
 These products are also available in stainless steel for premium corrosion resistance.

Model No.	Fasteners		DF/SP Allowable Loads			SPF Allowable Loads		
	To Rafter	To Plates	Uplift (160)	Lateral		Uplift (160)	Lateral	
				Parallel to Plate (F <sub>1</sub> )	Perpendicular to Plate (F <sub>2</sub> )		Parallel to Plate (F <sub>1</sub> )	Perpendicular to Plate (F <sub>2</sub> )
H8	5-10dx1½	5-10dx1½	745	75	—	565	75	—
MTS20 <sup>1</sup>	7-10dx1½	7-10dx1½	1000	75	125	860	75	125
MTS30 <sup>1</sup>	7-10dx1½	7-10dx1½	1000	75	125	860	75	125
HTS20	12-10dx1½	12-10dx1½	1450	75	125	1245	75	125
HTS30 <sup>1</sup>	12-10dx1½	12-10dx1½	1450	75	125	1245	75	125

- Additional fastener holes are provided on these products. Not all holes are required to be filled to achieve listed loads.
- Consult I-joist manufacturer for blocking details and uplift limits on joist end application.
- Connectors may be reversed as long as the required fasteners are installed on either side of the connection.
- Web stiffener required on both sides to achieve published uplift loads.
- When installing MTS and HTS connectors, the following installation instructions are required for the lateral loads to apply. The first 7 nail holes after the bend area must be filled with 10dx1½ nails. This applies to straps on either side of bend area. All additional fasteners may be installed in any remaining strap holes.
- Allowable loads in the F<sub>1</sub> direction are not intended to replace diaphragm boundary members or prevent cross grain bending of the truss or rafter members.
- For simultaneous loads in more than one direction, the connector must be evaluated as described in Note 7, page 8 under General Notes.

# I-JOISTS TO MASONRY/CONCRETE

Model No.	Fasteners		DF/SP Allowable Loads		
	To I-Joist	To Grouted CMU or Bond Beam	Uplift (160)	Lateral	
				Parallel to Plate (F <sub>1</sub> )	Perpendicular to Plate (F <sub>2</sub> )
MTSM16	7-10dx1½	4-¼"x2¼" Titen <sup>5</sup>	1000	235 <sup>4</sup>	90 <sup>4</sup>
MTSM20	7-10dx1½	4-¼"x2¼" Titen <sup>5</sup>	1000	235 <sup>4</sup>	90 <sup>4</sup>
HTSM16	8-10dx1½	4-¼"x2¼" Titen <sup>5</sup>	1150	235 <sup>4</sup>	90 <sup>4</sup>
HTSM20	10-10dx1½	4-¼"x2¼" Titen <sup>5</sup>	1150	235 <sup>4</sup>	90 <sup>4</sup>
META20	7-10dx1½	Embedded	1450	340	725
HETA20	9-10dx1½	Embedded	1810	340	725
HETA40	8-10dx1½	Embed 4"	1810	340	725

- Additional fastener holes are provided on these products. Not all holes are required to be filled to achieve listed loads.
- Consult I-joist manufacturer for blocking details and uplift limits on joist end application.
- Web stiffener required on both side to achieve published uplift loads.
- When installing MTSM and HTSM connectors, the following installation instructions are required for lateral loads to apply:
  - The first four holes for Titen<sup>5</sup> screws after the bend area must be filled on the concrete/masonry end of the connection.
  - The first seven nail holes after the bend area must be filled with 10dx1½ nails on the wood end of the connection. Any additional required nails may be placed in any open hole on the wood end of the strap.
- Use ¼"x1¾" Titen<sup>5</sup> screws for concrete application.
- Allowable loads in the F<sub>1</sub> direction are not intended to replace diaphragm boundary members or prevent cross grain bending of the truss or rafter members.
- For simultaneous loads in more than one direction, the connector must be evaluated as described in Note 7, page 8 under General Notes.

