

PILE/GIRDER TO WALL

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.	Qty.	DF/SP Allowable Loads		SPF Allowable Loads	
		Fasteners (Total)	Uplift (160)	Fasteners (Total)	Uplift (160)
A35	1	12-8dx1½	450	12-8dx1½	450
LTS12	1	12-10dx1½	720	12-10dx1½	620
LTS16	1	12-10dx1½	720	12-10dx1½	620
MTS12	1	14-10dx1½	1000	14-10dx1½	860
MTS16	1	14-10dx1½	1000	14-10dx1½	860
HTS20	1	16-10dx1½	1150	16-10dx1½	990
LSTA21	1	12-10d	1235	14-10d	1160
CS16	1	18-10d	1705	20-10d	1700
CMST12	1	24-16d	3130	24-16d	2710
MSTC48B3	1	54-10d	3930	54-10d	3380
HTT16	1	18-16dx2½	3955	18-16dx2½	3400
HTT22	1	32-10d	4165	32-10d	3580
PS218	2	4-¾" MB	4290	4-¾" MB	3340
PS418	2	4-¾" MB	4330	4-¾" MB	3355
MSTC66B3	1	56-10d	4440	56-10d	3820
HST2	2	6-⅝" MB	5220	6-⅝" MB	4835
PS720	2	8-½" MB	5795	8-½" MB	5155
HST5	2	12-⅝" MB	10650	12-⅝" MB	9870

- Loads are based on 11¼" girder depth. See Simpson Strong-Tie® Wood Construction Connectors catalog for other options.
- PS and HST are for pile to girder applications only and installed in pairs. Published loads are governed by double shear perp-to-grain bolt calculations using a minimum member thickness of 3½". Alternate values may be calculated per the NDS for other girder and pile widths. Straps must be centered about splice joint and bolt edge and end distances must meet the NDS minimum requirements.
- For straight straps, use half the total number of fasteners listed on each member in the connection.
- Refer to pages 8-9 for corrosion considerations.

Strap Model	Qty. Req'd	DF/SP Fasteners			SPF Fasteners			DF/SP/SPF Allowable Tension Loads (160)
		Studs	Header Face (Total)	Header Bottom	Studs	Header Face (Total)	Header Bottom	
CMST14	1	16-10d	8-10d	2-10d	18-10d	8-10d	2-10d	2820
CMST14	1	22-10d	12-10d	2-10d	24-10d	12-10d	2-10d	4305
CMST12	1	28-10d	20-10d	2-10d	32-10d	20-10d	2-10d	6125

- Strap shall wrap back side of beam/girder 7 inches minimum.
- Install half of header face nails into each face.

