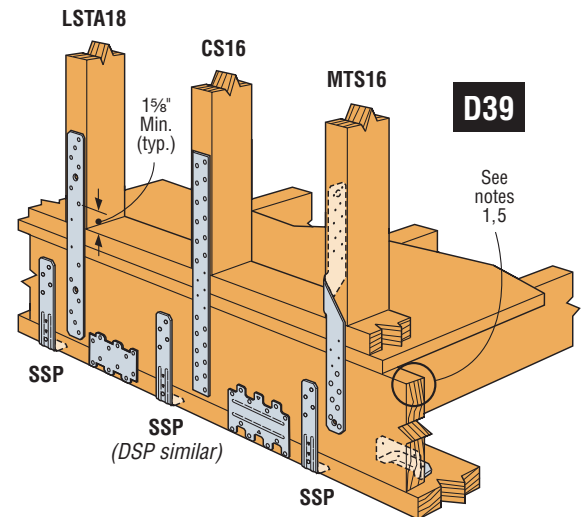


# STUD TO BAND JOIST

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.

Model No.	Qty. Req'd	Single-Ply Band Joist (1½")				Double-Ply Band Joist (3")			
		DF/SP Allowable Uplift Loads		SPF Allowable Uplift Loads		DF/SP Allowable Uplift Loads		SPF Allowable Uplift Loads	
		Fasteners (Total)	(160)	Fasteners (Total)	(160)	Fasteners (Total)	(160)	Fasteners (Total)	(160)
LSTA12 <sup>1</sup>	1	6-10dx1½	555	6-10dx1½	480	6-10d	555	6-10d	480
LTS16	1	12-10dx1½	720	12-10dx1½	620	12-10d	775	12-10d	665
H6	1	16-8d	950	16-8d	820	16-8d	950	16-8d	820
MTS16	1	14-10dx1½	1000	14-10dx1½	860	14-10d	1000	14-10d	860
CS20 <sup>1</sup>	1	12-10dx1½	1030	14-10dx1½	1030	12-10d	1030	14-10d	1030
LSTA18 <sup>1</sup>	1	12-10dx1½	1110	12-10dx1½	955	12-10d	1110	12-10d	955
HTS20	1	16-10dx1½	1150	16-10dx1½	990	16-10d	1450	16-10d	1245
LSTA24 <sup>1</sup>	1	14-10dx1½	1235	16-10dx1½	1235	14-10d	1235	16-10d	1235
CS18 <sup>1</sup>	1	16-10dx1½	1370	18-10dx1½	1370	16-10d	1370	18-10d	1370
LSTA30 <sup>1</sup>	1	16-10dx1½	1505	16-10dx1½	1295	16-10d	1505	16-10d	1295
CS16 <sup>1</sup>	1	18-10dx1½	1700	20-10dx1½	1630	18-10d	1700	20-10d	1630
CMST14 <sup>1,6</sup>	1	24-10dx1½	2390	24-10dx1½	2065	24-16d	2810	24-16d	2435
MST37 <sup>1,6</sup>	1	24-10dx1½	2530	24-10dx1½	2150	24-16d	2950	24-16d	2570
CMST12 <sup>1,6</sup>	1	24-10dx1½	2630	24-10dx1½	2210	24-16d	3060	24-16d	2650
MSTC28 <sup>1,6</sup>	1	28-10dx1½	2690	28-10dx1½	2325	28-16d Sinks	2690	28-16d Sinks	2325

1. Loads for stud to band joist connections are based on a minimum band joist depth of 1½".
2. Loads for straps based on 2½" clearspan between stud and band joist.
3. Multiple members must be fastened together to act as a single unit.
4. For straight straps, use half of the total fasteners listed on each member in the connection.
5. Reduce loads for a single band joist less than 1½" thick.
6. CMST and MST require double studs of a minimum 3" width.
7. Values for straps assume a minimum nail penetration of 10 nail diameters into the stud or rimjoist.
8. Nailing over sheathing is acceptable as long as 10 nail diameters minimum penetration into the framing is maintained. See page 10.
9. Where possible cross grain tension occurs in detail D39, consider full length adjacent connectors or EWP rim designed to resist cross grain tension loads.

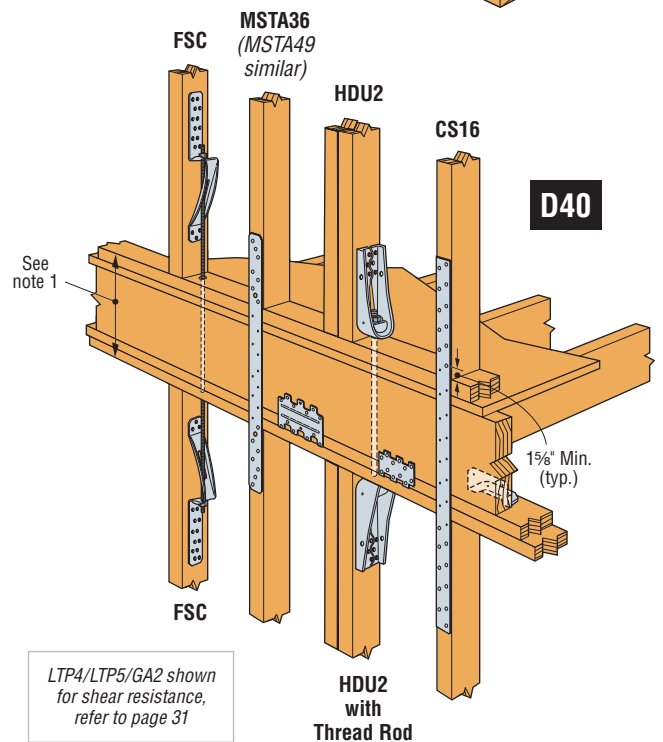


# STUD TO STUD

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.

SS These products are also available in stainless steel for premium corrosion resistance.

Model No.	Qty. Req'd	DF/SP Allowable Loads		SPF Allowable Loads	
		Fasteners (Total)	Uplift (160)	Fasteners (Total)	Uplift (160)
CS20 <sup>2</sup>	1	14-8d	1030	16-8d	1030
LSTA36 <sup>2</sup>	1	14-10d	1315	14-10d	1135
SS MSTA36 <sup>2</sup>	1	14-10d	1345	14-10d	1160
CS18 <sup>2</sup>	1	18-8d	1370	22-8d	1370
CS16 <sup>2</sup>	1	22-8d	1705	26-8d	1705
NEW FSC	2	30-10dx1½	1830	30-10dx1½	1570
MSTA49	1	26-10d	2020	26-10d	2020
MSTC40 <sup>2</sup>	1	28-16d Sinks	2695	28-16d Sinks	2320
HDU2-SDS2.5	2	12-SDS ¼"x2½"	3075	12-SDS ¼"x2½"	2215
HDU4-SDS2.5	2	20-SDS ¼"x2½"	4565	20-SDS ¼"x2½"	3285
HDU5-SDS2.5	2	28-SDS ¼"x2½"	5645	28-SDS ¼"x2½"	4065
MSTC66	1	64-16d Sinks	5860	64-16d Sinks	5495
CMST14 <sup>2</sup>	1	56-16d	6490	66-16d	6490
CMST12 <sup>2</sup>	1	74-16d	9215	84-16d	9215



1. Loads are based on an 18" clear span.
2. Nailing over wood structural panel sheathing is acceptable provided 10 nail diameters minimum penetration into the framing is maintained. See page 10.
3. Allowable loads for HDA and HDU based on 2-2x and greater vertical wood member.
4. Cut lengths for coil strap are CS16 = 46", CS18 = 42", CS20 = 36", CMST14 = 78", CMST12 = 94".
5. For straight straps, use half of the total fasteners listed on each member in the connection.
6. Where possible cross grain tension occurs in detail D40, consider full length adjacent connectors or EWP rim designed to resist cross grain tension loads.