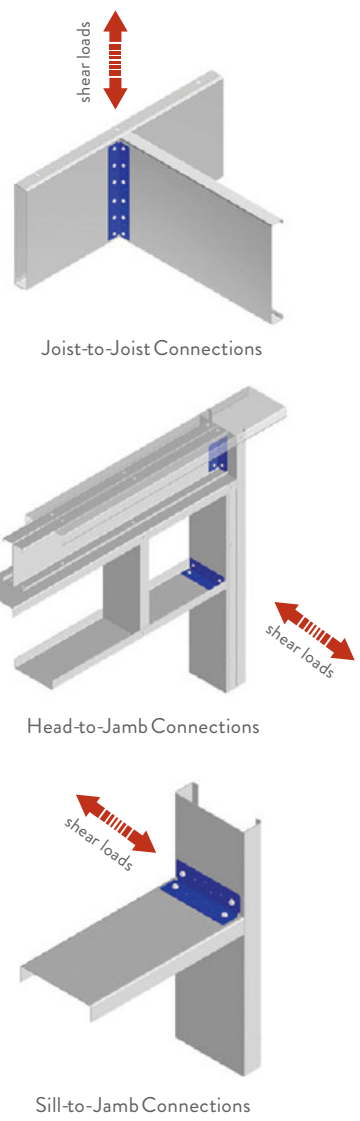


**ALLOWABLE SHEAR LOAD TABLE**

Product code	No. of screws/leg	Stud Thickness (Yield Strength)				
		20ga (33mil) 33ksi	18ga (43mil) 33ksi	16ga (54mil) 50ksi	14ga (68mil) 50ksi	12ga (97mil) 50ksi
LS543	2	294	438	777	777	777
	4	437	651	1154	1154	1154
LS683	2	294	438	777	777	777
	4	437	651	1154	1154	1154
LS973	2	294	438	777	777	777
	4	437	651	1154	1154	1154
LS545	2	333	496	880	880	880
	4	619	921	1635	1635	1635
LS685	2	333	496	880	880	880
	4	619	921	1635	1635	1635
LS975	2	333	496	880	880	880
	4	619	921	1635	1635	1635
LS547	4	651	968	1718	1718	1718
	6	966	1438	2551	2551	2551
LS687	4	651	968	1718	1718	1718
	6	966	1438	2551	2551	2551
LS977	4	651	968	1718	1718	1718
	6	966	1438	2551	2551	2551
LS549	4	670	997	1768	1768	1768
	6	1007	1498	2658	2658	2658
LS689	4	670	997	1768	1768	1768
	6	1007	1498	2658	2658	2658
LS979	4	670	997	1768	1768	1768
	6	1007	1498	2658	2658	2658
LS541	4	681	1013	1798	1798	1798
	6	1013	1508	2675	2675	2675
LS681	4	681	1013	1798	1798	1798
	6	1013	1508	2675	2675	2675
LS971	4	681	1013	1798	1798	1798
	6	1013	1508	2675	2675	2675
LS5413	4	688	1024	1816	1816	1816
	6	1020	1518	2694	2694	2694
LS6813	4	688	1024	1816	1816	1816
	6	1020	1518	2694	2694	2694
LS9713	4	688	1024	1816	1816	1816
	6	1020	1518	2694	2694	2694



**Notes:**

- 1 Shear values for clips are based on attachment to cold-formed steel members. Attachment to other substrates must be designed separately.
- 2 Place the first two screws in each leg in the outermost screw holes. Place the next two screws (if needed) in center holes next to the CRC holes (diagonals). The next screws (if needed) are placed moving from the outermost holes toward the center, symmetrically.
- 3 Shear values are based on the tilting bearing modes of failure Eq. E4.3.1-1, E4.3.1-2.
- 4 Allowable screw shear is based on a factor of safety of 3.0. #10 screws (0.19" min. diameter) must have minimum ultimate shear strength of 1400 lbs.
- 5 Screws must have three threads exposed after installation.
- 6 It is the responsibility of the design engineer to detail the attachment of clips and verify their capacity meets the application. This table is intended for use by qualified engineers.
- 7 For technical assistance or additional load charts contact ClarkDietrich at 888-437-3244.