SUGGESTED DESIGN GUIDES
LIMITING HEIGHTS
CURTAIN WALL STUDS SUBJECTED TO LATERAL LOAD

USE:

Tables allow for the selection of an axially loaded stud in the absence or presence of bending due to lateral load. The values assume the studs are typically bridged at intervals not to exceed 48" on center with alternative labor saving values published for 9 and 10 foot high walls where a single row of bridging at mid-height of the wall would suffice.

Select a stud, based on applied lateral load, spacing and height providing an allowable axial load in excess of the applied load.

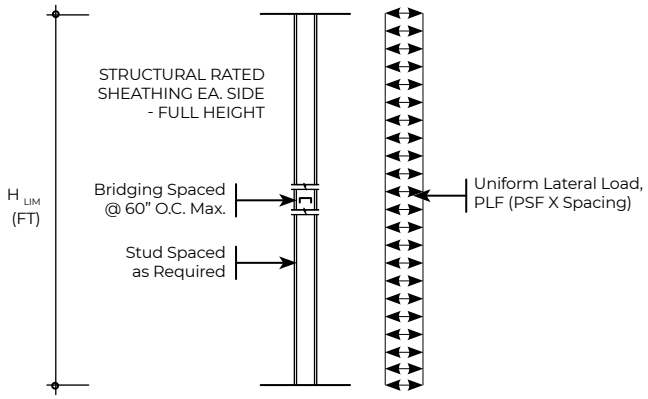
NOTES:

1. Values shown are limited to studs subjected to uniform loads in simply supported applications. Conditions requiring cantilevers, concentrated loads, eccentricities, multiple spans, etc. should be investigated separately.
2. Studs shall be braced against rotation by structural sheathing materials applied full height to each side of the wall. The installation of mechanical bridging spaced at intervals not to exceed 5'-0" on center provides adequate rotation restraint for walls under construction before the installation of sheathing materials.

   In applications where the wall is not sheathed full height or sheathed on one side only, continuous bridging spaced 4'-0" on center shall provide rotational support. Reductions in allowable bending capacity must be investigated separately.

   If sheathing products are considered as a method of bracing, they must maintain their integrity during the course of construction and the service life of the wall.

   Stud ends shall be restrained against rotation by means of a fixed attachment to each side of continuous tracks. An exception is made where the stud terminates at a deflection track in which case continuous bridging shall be provided below the track.
3. Deflections were calculated without regard to the composite contribution of collateral materials.
4. Contact Super Stud for limiting height values of sections not shown herein.



Note: All tables based on Fy=50 KSI for 54, 68, and 97 mil material, Fy=33 KSI for 33 and 43 mil material.

SUGGESTED DESIGN GUIDES
LIMITING HEIGHTS
(FEET & INCHES)

5 PSF LATERAL LOAD

		L/240			L/360			L/600			L/720		
AISI Designation	Legacy Designation	12"	16"	24"	12"	16"	24"	12"	16"	24"	12"	16"	24"
250S137-33	2-1/2SSC20	14' 0"	12' 8"	11' 1"	12' 2"	11' 1"	9' 8"	10' 4"	9' 4"	8' 5"	9' 8"	8' 10"	7' 8"
250S162-33	2-1/2SSJ20	14' 2"	13' 0"	11' 6"	12' 6"	11' 5"	10' 0"	10' 8"	9' 8"	8' 5"	10' 1"	9' 2"	8' 0"
250S137-43	2-1/2SSC18	15' 1"	13' 8"	12' 0"	13' 2"	12' 0"	10' 6"	11' 1"	10' 1"	8' 10"	10' 6"	9' 6"	8' 4"
250S162-43	2-1/2SSJ18	15' 7"	14' 1"	12' 2"	13' 8"	12' 5"	10' 10"	11' 6"	10' 5"	9' 0"	11' 0"	10' 0"	8' 8"
250S137-54	2-1/2SSC16	16' 2"	14' 8"	12' 10"	14' 1"	12' 10"	11' 2"	11' 11"	10' 10"	9' 6"	11' 2"	10' 2"	8' 11"
250S162-54	2-1/2SSJ16	16' 10"	15' 0"	13' 0"	14' 7"	13' 2"	11' 7"	12' 1"	11' 0"	9' 8"	11' 10"	10' 8"	9' 4"
250S137-68	2-1/2SSC14	17' 1"	15' 6"	13' 7"	14' 11"	13' 7"	11' 11"	12' 7"	11' 6"	10' 0"	11' 11"	10' 10"	9' 5"
250S162-68	2-1/2SSJ14	17' 11"	16' 0"	14' 0"	15' 8"	14' 0"	12' 5"	13' 2"	10' 8"	10' 7"	12' 6"	11' 5"	9' 11"
362S125-33	3-5/8SSCW20	17' 1"	15' 6"	13' 6"	15' 0"	13' 6"	12' 0"	13' 5"	12' 1"	10' 7"	12' 7"	11' 5"	10' 0"
362S137-33	3-5/8SSC20	18' 2"	16' 7"	14' 6"	16' 0"	14' 6"	12' 8"	13' 7"	12' 0"	10' 8"	12' 11"	11' 8"	10' 2"
362S162-33	3-5/8SSJ20	19' 1"	17' 5"	15' 1"	16' 10"	15' 1"	13' 2"	14' 0"	13' 0"	11' 1"	13' 1"	11' 11"	10' 5"
362S125-43	3-5/8SSCW18	19' 11"	18' 0"	15' 8"	17' 5"	15' 8"	13' 8"	14' 8"	13' 2"	11' 7"			
362S137-43	3-5/8SSC18	21' 0"	19' 0"	16' 7"	18' 1"	16' 8"	14' 6"	15' 5"	14' 0"	12' 1"	13' 7"	12' 4"	10' 10"
362S162-43	3-5/8SSJ18	21' 0"	19' 0"	16' 7"	18' 1"	16' 8"	14' 6"	15' 5"	14' 0"	12' 1"	14' 7"	13' 4"	11' 7"
362S137-54	3-5/8SSC16	21' 5"	19' 5"	17' 0"	18' 8"	17' 0"	14' 10"	15' 8"	14' 1"	12' 6"	14' 7"	13' 2"	11' 7"
362S162-54	3-5/8SSJ16	22' 5"	20' 4"	17' 10"	19' 7"	17' 10"	15' 6"	16' 6"	15' 0"	13' 0"	15' 8"	14' 4"	12' 6"
362S125-54	3-5/8SSW16	23' 8"	21' 7"	18' 11"	20' 10"	19' 0"	16' 6"	17' 7"	16' 0"	14' 0"	16' 7"	15' 1"	13' 2"
362S137-68	3-5/8SSC14	22' 11"	20' 8"	18' 0"	20' 0"	18' 0"	15' 10"	17' 0"	15' 0"	13' 4"	15' 5"	14' 0"	12' 2"
362S162-68	3-5/8SSJ14	24' 0"	22' 0"	19' 0"	21' 0"	19' 0"	16' 8"	17' 7"	16' 0"	14' 0"	16' 4"	14' 10"	12' 11"
362S200-68	3-5/8SJW14	23' 0"	21' 0"	18' 0"	20' 0"	18' 0"	16' 0"	18' 11"	17' 0"	15' 0"	17' 8"	16' 1"	14' 1"
400S125-33	4SSCW20	19' 7"	17' 10"	15' 6"	17' 1"	15' 6"	13' 7"	14' 5"	13' 1"	11' 5"	13' 7"	12' 4"	10' 10"
400S137-33	4SSC20	19' 8"	17' 11"	15' 7"	17' 0"	15' 7"	13' 8"	14' 6"	13' 0"	11' 6"	13' 11"	12' 7"	11' 0"
400S162-33	4SSJ20	20' 8"	18' 10"	16' 5"	18' 0"	16' 5"	14' 1"	15' 0"	13' 11"	12' 0"	14' 6"	13' 2"	11' 6"
400S137-43	4SSC18	21' 6"	19' 6"	17' 0"	18' 8"	17' 0"	15' 0"	16' 0"	14' 5"	12' 7"	15' 1"	13' 8"	12' 0"
400S162-43	4SSJ18	22' 6"	20' 6"	18' 0"	19' 8"	18' 0"	15' 8"	16' 7"	15' 0"	13' 0"	15' 10"	14' 4"	12' 6"
400S200-43	4SJW18	24' 0"	22' 0"	19' 0"	21' 0"	19' 0"	16' 7"	17' 8"	16' 0"	14' 0"	16' 7"	15' 1"	13' 2"
400S250-43	4SSW18	25' 4"	23' 0"	20' 1"	22' 1"	20' 1"	17' 6"	18' 7"	16' 11"	14' 10"	17' 6"	15' 11"	13' 11"
400S137-54	4SSC16	23' 0"	21' 0"	18' 5"	20' 1"	18' 4"	16' 0"	17' 0"	15' 5"	13' 6"	17' 1"	15' 7"	13' 7"
400S162-54	4SSJ16	24' 1"	22' 0"	19' 1"	21' 1"	19' 1"	16' 10"	17' 11"	16' 1"	14' 0"	16' 11"	15' 5"	13' 5"
400S200-54	4SJW16	25' 8"	23' 5"	20' 5"	22' 5"	20' 4"	17' 10"	19' 0"	17' 4"	15' 1"	17' 11"	16' 4"	14' 2"
400S162-54	4SSJ16	27' 4"	24' 10"	21' 8"	23' 10"	21' 8"	18' 11"	20' 1"	18' 4"	16' 0"	18' 11"	17' 2"	15' 0"
400S137-68	4SSC14	24' 10"	22' 6"	19' 7"	21' 7"	19' 7"	17' 0"	18' 1"	16' 6"	14' 5"	17' 1"	15' 7"	13' 7"
400S162-68	4SSJ14	26' 0"	23' 7"	20' 7"	22' 8"	20' 7"	18' 0"	19' 0"	17' 5"	15' 1"	18' 1"	16' 5"	14' 4"
400S200-68	4SJW14	27' 6"	25' 0"	21' 11"	24' 0"	21' 11"	19' 0"	20' 4"	18' 6"	16' 1"	19' 1"	17' 5"	15' 2"
400S250-68	4SSW14	29' 5"	26' 8"	23' 4"	25' 8"	23' 4"	20' 5"	21' 7"	19' 8"	17' 2"	20' 5"	18' 6"	16' 2"
400S200-97	4SJW12	30' 2"	27' 5"	24' 0"	26' 5"	24' 0"	20' 11"	22' 4"	20' 4"	19' 8"	20' 11"	19' 0"	16' 7"
400S250-97	4SSW12	32' 5"	29' 5"	25' 8"	28' 4"	25' 8"	22' 6"	23' 11"	21' 8"	18' 11"	22' 6"	20' 5"	17' 10"

		L/240			L/360			L/600			L/720		
AISI Designation	Legacy Designation	12"	16"	24"	12"	16"	24"	12"	16"	24"	12"	16"	24"
600S125-33	6SSCW20	27' 1"	24' 7"	21' 6"	23' 7"	21' 6"	18' 10"	19' 11"	18' 1"	15' 10"	18' 10"	17' 1"	14' 11"
600S137-33	6SSC20	27' 5"	25' 0"	21' 10"	24' 0"	21' 10"	19' 0"	20' 0"	18' 4"	16' 0"	19' 2"	17' 5"	15' 2"
600S162-33	6SSJ20	28' 7"	26' 0"	22' 8"	25' 0"	22' 8"	19' 11"	21' 0"	19' 0"	16' 10"	19' 11"	18' 1"	15' 10"
600S137-43	6SSC18	29' 11"	27' 0"	23' 7"	26' 0"	23' 8"	20' 8"	22' 0"	20' 0"	17' 5"	20' 10"	18' 11"	16' 6"
600S162-43	6SSJ18	31' 0"	28' 4"	24' 10"	27' 2"	24' 10"	21' 7"	23' 0"	20' 11"	18' 0"	21' 8"	19' 8"	17' 2"
600S200-43	6SJW18	32' 11"	27' 11"	26' 0"	28' 7"	26' 0"	22' 8"	22' 4"	20' 2"	18' 10"	20' 11"	19' 0"	16' 7"
600S137-54	6SSC16	32' 0"	29' 0"	25' 5"	28' 0"	25' 5"	22' 0"	23' 7"	21' 5"	18' 8"	22' 5"	20' 4"	17' 10"
600S162-54	6SSJ16	33' 5"	30' 4"	26' 6"	29' 0"	26' 6"	23' 0"	24' 7"	24' 4"	19' 6"	23' 4"	21' 2"	18' 6"
600S200-54	6SJW16	35' 0"	32' 0"	27' 0"	30' 11"	28' 0"	24' 5"	26' 1"	23' 8"	20' 8"	24' 7"	22' 4"	19' 6"
600S250-54	6SSW16	37' 4"	33' 11"	29' 7"	32' 7"	29' 7"	25' 10"	27' 6"	24' 11"	21' 10"	25' 10"	23' 6"	20' 6"
600S137-68	6SSC14	34' 2"	31' 0"	27' 1"	30' 0"	27' 1"	23' 10"	25' 1"	23' 0"	20' 0"	23' 8"	21' 7"	18' 10"
600S162-68	6SSJ14	35' 11"	32' 7"	28' 5"	31' 4"	28' 5"	24' 11"	26' 5"	24' 0"	21' 0"	24' 11"	22' 7"	19' 8"
600S200-68	6SJW14	37' 10"	34' 0"	30' 0"	33' 0"	30' 0"	26' 0"	27' 11"	25' 5"	22' 2"	26' 4"	23' 8"	20' 11"
600S250-68	6SSW14	40' 2"	36' 6"	31' 11"	35' 1"	31' 11"	27' 11"	29' 7"	26' 11"	23' 6"	27' 11"	25' 4"	22' 1"
600S200-97	6SJW12	42' 0"	38' 0"	33' 1"	36' 7"	33' 1"	29' 0"	30' 7"	27' 10"	24' 4"	28' 10"	26' 2"	22' 11"
600S250-97	6SSW12	44' 5"	40' 4"	35' 2"	35' 10"	35' 2"	30' 10"	32' 8"	29' 8"	25' 11"	31' 10"	28' 0"	24' 5"
800S162-43	8SSJ18	39' 1"	35' 8"	31' 0"	34' 4"	31' 0"	27' 1"	29' 0"	26' 1"	23' 0"	27' 4"	24' 10"	21' 8"
800200-43	8SJW18	41' 0"	37' 4"	32' 7"	36' 0"	32' 7"	28' 7"	30' 4"	27' 6"	24' 1"	28' 6"	25' 11"	22' 7"
800S250-43	8SSW18	43' 0"	39' 1"	34' 2"	37' 7"	34' 2"	29' 10"	31' 8"	28' 10"	25' 2"	29' 10"	27' 1"	23' 8"
800S162-54	8SSJ16	42' 1"	38' 1"	33' 6"	36' 11"	33' 6"	29' 1"	31' 0"	28' 0"	24' 8"	29' 11"	26' 8"	23' 4"
800S200-54	8SJW16	44' 1"	40' 0"	35' 0"	38' 7"	35' 0"	30' 7"	32' 10"	29' 10"	26' 0"	30' 11"	28' 0"	24' 6"
800S250-54	8SSW16	46' 7"	42' 5"	37' 0"	40' 8"	37' 0"	32' 4"	34' 5"	31' 2"	27' 4"	32' 4"	29' 5"	25' 8"
800S162-68	8SSJ14	45' 1"	41' 0"	36' 0"	39' 6"	36' 0"	31' 5"	33' 2"	30' 1"	26' 5"	31' 5"	28' 6"	24' 11"
800S200-68	8SJW14	47' 5"	43' 0"	37' 7"	41' 5"	37' 7"	32' 11"	35' 1"	31' 11"	27' 11"	33' 0"	30' 0"	26' 2"
800S250-68	8SSW14	50' 4"	45' 8"	39' 11"	44' 0"	40' 0"	35' 0"	37' 1"	33' 8"	29' 5"	34' 11"	31' 8"	23' 8"
800S162-97	8SSJ12	50' 1"	45' 7"	40' 0"	44' 0"	40' 0"	34' 11"	37' 0"	33' 8"	29' 5"	34' 4"	31' 1"	27' 2"
800S200-97	8SJW12	52' 10"	48' 0"	41' 11"	46' 0"	41' 11"	36' 7"	38' 6"	35' 0"	30' 7"	36' 4"	32' 11"	28' 10"
800S250-97	8SSW12	55' 7"	50' 6"	44' 2"	48' 7"	44' 2"	38' 7"	41' 0"	37' 2"	32' 6"	38' 7"	35' 0"	30' 7"
1000S162-54	10SSJ16	40' 1"	35' 0"	32' 0"	35' 0"	30' 7"	28' 0"	29' 7"	26' 0"	23' 6"	35' 4"	32' 0"	28' 0"
1000200-54	10SJW16	53' 4"	48' 5"	42' 4"	46' 7"	42' 4"	36' 11"	39' 4"	35' 8"	31' 2"	36' 5"	33' 7"	29' 4"
1000S250-54	10SSW16	55' 7"	50' 6"	44' 2"	48' 7"	44' 2"	38' 7"	41' 0"	37' 2"	32' 6"	33' 7"	35' 0"	30' 7"
1000S162-68	10SSJ14	37' 10"	34' 2"	30' 0"	33' 0"	30' 0"	26' 0"	27' 10"	25' 1"	22' 0"	37' 10"	34' 4"	30' 0"
1000S200-68	10SJW14	57' 1"	51' 10"	45' 4"	49' 10"	45' 4"	39' 7"	42' 0"	38' 2"	31' 5"	39' 7"	35' 11"	31' 5"
1000S250-68	10SSW14	60' 1"	54' 7"	47' 8"	52' 6"	47' 1"	41' 8"	44' 4"	40' 2"	35' 1"	41' 8"	31' 11"	33' 1"
1000S162-97	10SSJ12	42' 0"	38' 0"	33' 2"	36' 8"	33' 4"	29' 0"	31' 0"	28' 0"	24' 6"	41' 4"	37' 7"	32' 10"
1000S200-97	10SJW12	62' 8"	57' 0"	49' 10"	54' 10"	49' 10"	43' 6"	46' 2"	42' 0"	36' 8"	43' 6"	39' 6"	34' 6"
1000S250-97	10SSW12	66' 6"	60' 5"	52' 10"	58' 1"	52' 10"	46' 1"	49' 0"	44' 6"	38' 11"	46' 1"	41' 11"	36' 7"

Flange Width: SSCW=1-1/4", SSC=1-3/8", SSJ=1-5/8", SJW=2" and SSW=2-1/2"

See page 20 for additional table notes.

SUGGESTED DESIGN GUIDES
LIMITING HEIGHTS
(FEET & INCHES)

15 PSF LATERAL LOAD

		L/240			L/360			L/600			L/720		
AISI Designation	Legacy Designation	12”	16”	24”	12”	16”	24”	12”	16”	24”	12”	16”	24”
250S137-33	2-1/2SSC20	14' 0"	12' 8"	11' 1"	12' 2"	11' 1"	9' 8"	10' 4"	9' 4"	8' 2"	9' 8"	8' 10"	7' 7"
250S162-33	2-1/2SSJ20	10' 0"	9' 0"	7' 10"	8' 8"	7' 11"	6' 11"	7' 4"	6' 8"	5' 10"	7' 0"	6' 5"	5' 7"
250S162-43	2-1/2SSJ18	10' 10"	9' 11"	8' 7"	9' 7"	8' 10"	7' 6"	8' 0"	7' 2"	6' 4"	11' 0"	10' 0"	8' 8"
250S137-54	2-1/2SSC16	16' 2"	14' 8"	12' 10"	14' 1"	12' 10"	11' 2"	11' 11"	10' 10"	9' 6"	11' 2"	10' 2"	8' 11"
250S162-54	2-1/2SSJ16	11' 7"	10' 6"	9' 0"	10' 0"	9' 0"	8' 0"	8' 6"	7' 11"	6' 10"	8' 2"	7' 5"	6' 6"
250S137-68	2-1/2SSC14	17' 1"	15' 6"	13' 7"	14' 11"	13' 7"	11' 11"	12' 7"	11' 6"	10' 0"	11' 11"	10' 10"	9' 0"
250S162-68	2-1/2SSJ14	12' 5"	11' 0"	9' 10"	10' 10"	9' 11"	8' 6"	9' 0"	8' 1"	7' 1"	8' 8"	7' 11"	6' 11"
362S125-33	3-5/8SSCW20	12' 7"	11' 10"	10' 0"	11' 0"	10' 0"	8' 8"	9' 4"	8' 5"	7' 4"	8' 8"	7' 11"	6' 11"
362S137-33	3-5/8SSC20	12' 7"	11' 6"	10' 0"	11' 0"	10' 0"	8' 10"	9' 5"	8' 5"	7' 4"	8' 8"	7' 11"	6' 11"
362S162-33	3-5/8SSJ20	13' 4"	12' 0"	10' 6"	11' 7"	10' 6"	9' 1"	9' 10"	8' 11"	7' 10"	9' 1"	8' 2"	7' 2"
362S137-43	3-5/8SSC18	13' 10"	12' 6"	11' 0"	12' 0"	11' 0"	9' 7"	10' 0"	9' 1"	8' 0"	13' 7"	12' 4"	10' 10"
362S162-43	3-5/8SSJ18	14' 6"	13' 0"	11' 6"	12' 8"	11' 6"	10' 0"	10' 8"	9' 8"	8' 5"	14' 2"	12' 11"	11' 4"
362S137-54	3-5/8SSC16	14' 11"	13' 5"	11' 10"	13' 0"	11' 10"	10' 2"	11' 0"	10' 0"	8' 8"	14' 7"	13' 2"	11' 7"
362S162-54	3-5/8SSJ16	15' 6"	14' 0"	12' 2"	13' 7"	12' 4"	10' 10"	11' 5"	10' 5"	9' 0"	15' 4"	13' 11"	12' 1"
362S200-54	3-5/8SJW16	16' 7"	15' 0"	13' 0"	14' 5"	13' 0"	11' 5"	12' 0"	11' 0"	9' 7"	16' 7"	15' 1"	13' 2"
362S137-68	3-5/8SSC14	15' 5"	14' 0"	12' 2"	13' 6"	12' 2"	10' 8"	11' 5"	10' 4"	9' 0"	10' 8"	9' 8"	8' 6"
362S162-68	3-5/8SSJ14	16' 10"	15' 1"	13' 2"	15' 6"	13' 1"	11' 6"	12' 2"	11' 0"	9' 10"	16' 4"	14' 4"	12' 7"
362S200-68	3-5/8SJW14	17' 10"	16' 0"	14' 0"	15' 5"	14' 0"	12' 0"	13' 0"	12' 0"	10' 4"	17' 1"	16' 1"	14' 1"
362S200-97	3-5/8SJW12	19' 5"	17' 7"	15' 5"	17' 0"	15' 5"	13' 6"	14' 4"	13' 0"	11' 1"	13' 6"	12' 2"	10' 8"
400S125-33	4SSCW20	13' 7"	12' 4"	10' 10"	11' 11"	10' 10"	9' 5"	10' 0"	9' 4"	7' 11"	9' 10"	8' 7"	7' 6"
400S137-33	4SSC20	13' 7"	12' 5"	10' 8"	12' 0"	11' 0"	9' 5"	10' 0"	9' 0"	8' 0"	9' 8"	8' 10"	7' 8"
400S162-33	4SSJ20	14' 4"	13' 0"	11' 2"	12' 6"	11' 4"	10' 0"	10' 6"	9' 7"	8' 4"	10' 0"	9' 1"	8' 0"
400S137-43	4SSC18	15' 0"	13' 6"	12' 0"	13' 0"	12' 0"	10' 2"	11' 0"	10' 0"	8' 8"	10' 6"	9' 6"	8' 4"
400S162-43	4SSJ18	15' 7"	14' 0"	12' 5"	13' 7"	12' 5"	10' 11"	11' 6"	10' 5"	9' 0"	10' 11"	9' 11"	8' 8"
400S200-43	4SJW18	16' 7"	15' 0"	13' 0"	14' 6"	13' 0"	11' 6"	12' 0"	11' 0"	9' 8"	11' 6"	10' 6"	9' 1"
400S250-43	4SSW18	17' 6"	15' 11"	13' 11"	15' 4"	13' 11"	12' 2"	12' 11"	11' 8"	10' 4"	12' 2"	11' 1"	9' 8"
400S137-54	4SSC16	16' 0"	14' 6"	12' 7"	14' 0"	12' 7"	11' 0"	11' 10"	10' 8"	9' 5"	11' 3"	10' 2"	8' 11"
400S162-54	4SSJ16	16' 10"	15' 2"	13' 4"	14' 8"	13' 2"	11' 7"	12' 4"	11' 2"	9' 11"	11' 8"	10' 8"	9' 4"
400S200-54	4SJW16	17' 10"	16' 0"	14' 0"	15' 6"	14' 0"	12' 4"	13' 0"	12' 0"	10' 4"	12' 5"	11' 4"	9' 11"
400S137-68	4SSC14	17' 1"	15' 7"	113' 7"	15' 0"	13' 7"	12' 0"	12' 7"	11' 5"	10' 0"	11' 11"	10' 10"	9' 5"
400S162-68	4SSJ14	18' 0"	16' 4"	14' 2"	15' 7"	14' 2"	12' 5"	13' 2"	12' 0"	10' 6"	12' 6"	11' 5"	9' 11"
400S200-68	4SJW14	19' 0"	17' 4"	15' 0"	16' 8"	15' 0"	13' 0"	14' 0"	12' 10"	11' 0"	13' 10"	12' 1"	10' 6"
400S250-68	4SSW14	20' 5"	18' 6"	16' 2"	17' 10"	16' 2"	14' 1"	15' 0"	13' 7"	11' 11"	14' 1"	12' 10"	11' 2"
400S200-97	4SJW12	20' 0"	18' 0"	15' 10"	17' 4"	15' 10"	13' 10"	14' 8"	13' 4"	11' 7"	14' 6"	13' 2"	11' 6"
400S250-97	4SSW12	22' 6"	20' 5"	17' 10"	19' 7"	17' 10"	15' 7"	16' 1"	15' 0"	13' 1"	15' 7"	14' 2"	12' 5"

		L/240			L/360			L/600			L/720		
AISI Designation	Legacy Designation	12”	16”	24”	12”	16”	24”	12”	16”	24”	12”	16”	24”
600S125-33	6SSCW20	18' 10"	17' 7"	14' 11"	16' 5"	14' 1"	13' 0"	13' 10"	12' 7"	11' 0"	13' 0"	11' 10"	10' 0"
600S137-33	6SSC20	19' 0"	17' 0"	15' 0"	16' 7"	15' 0"	13' 0"	14' 0"	12' 10"	11' 0"	13' 4"	12' 1"	10' 7"
600S162-33	6SSJ20	20' 0"	18' 0"	15' 10"	17' 2"	15' 10"	13' 10"	14' 7"	13' 1"	11' 7"	13' 10"	12' 6"	10' 11"
600S137-43	6SSC18	20' 7"	19' 0"	16' 5"	18' 0"	16' 5"	14' 4"	15' 2"	14' 0"	12' 0"	14' 5"	13' 1"	11' 4"
600S200-43	6SJW18	21' 7"	19' 7"	17' 0"	19' 0"	17' 0"	15' 0"	16' 0"	14' 5"	12' 7"	17' 0"	15' 6"	13' 6"
600S250-43	6SSW18	22' 8"	20' 7"	18' 0"	20' 0"	18' 0"	15' 10"	16' 8"	15' 0"	13' 1"	16' 7"	15' 0"	13' 1"
600S137-54	6SSC16	23' 10"	21' 7"	19' 0"	20' 8"	19' 0"	16' 6"	17' 6"	16' 0"	14' 0"	15' 6"	14' 1"	12' 4"
600S162-54	6SSJ16	23' 0"	21' 0"	18' 5"	20' 1"	18' 5"	16' 0"	17' 0"	15' 6"	13' 6"	16' 2"	14' 8"	12' 10"
600S200-54	6SJW16	24' 4"	22' 0"	19' 4"	21' 2"	19' 4"	17' 0"	18' 0"	16' 0"	14' 0"	17' 0"	15' 6"	13' 6"
600S250-54	6SSW16	23' 11"	21' 8"	13' 0"	20' 11"	19' 0"	16' 7"	17' 7"	16' 0"	14' 0"	16' 7"	15' 0"	13' 1"
600S137-68	6SSC14	23' 10"	21' 7"	19' 0"	20' 10"	19' 0"	16' 6"	17' 6"	16' 0"	14' 0"	16' 6"	15' 0"	13' 1"
600S162-68	6SSJ14	24' 11"	22' 7"	19' 8"	21' 7"	19' 8"	17' 1"	18' 1"	16' 7"	14' 6"	17' 4"	15' 8"	13' 8"
600S200-97	6SJW12	27' 6"	25' 0"	21' 11"	24' 0"	21' 11"	19' 0"	20' 1"	18' 5"	16' 0"	18' 2"	16' 7"	14' 6"
800S162-43	8SSJ18	26' 0"	24' 0"	20' 10"	23' 0"	20' 10"	18' 1"	19' 2"	17' 6"	15' 4"	19' 0"	17' 2"	15' 0"
800200-43	8SJW18	27' 1"	24' 10"	21' 7"	23' 10"	21' 7"	18' 11"	20' 0"	18' 0"	16' 0"	19' 10"	18' 0"	15' 8"
800S250-43	8SSW18	29' 10"	27' 1"	23' 8"	26' 1"	23' 8"	20' 8"	22' 0"	20' 0"	17' 6"	20' 8"	18' 10"	16' 5"
800S162-54	8SSJ16	28' 0"	25' 7"	22' 4"	24' 7"	22' 4"	19' 6"	20' 8"	19' 0"	16' 5"	20' 5"	18' 6"	16' 2"
800S200-54	8SJW16	30' 7"	27' 10"	24' 0"	26' 10"	24' 1"	21' 1"	22' 6"	20' 6"	18' 0"	21' 5"	19' 5"	17' 0"
800S250-54	8SSW16	32' 4"	29' 11"	25' 8"	28' 2"	25' 8"	22' 5"	23' 10"	21' 7"	18' 11"	22' 5"	20' 5"	17' 10"
800S162-68	8SSJ14	30' 1"	27' 5"	24' 0"	26' 4"	24' 0"	21' 0"	22' 1"	20' 1"	17' 7"	21' 10"	19' 10"	17' 4"
800S200-68	8SJW14	31' 4"	28' 6"	25' 0"	27' 5"	25' 0"	21' 10"	23' 0"	21' 0"	18' 4"	22' 6"	20' 10"	18' 2"
800S250-68	8SSW14	34' 11"	31' 8"	27' 8"	30' 6"	27' 8"	24' 2"	25' 8"	23' 0"	20' 5"	24' 2"	22' 0"	19' 2"
800S162-97	8SSJ12	35' 0"	31' 8"	27' 8"	30' 5"	27' 8"	24' 0"	25' 7"	23' 2"	20' 2"	23' 10"	21' 7"	18' 11"
20800S200-97	8SJW12	36' 4"	32' 11"	18' 10"	31' 8"	28' 10"	25' 1"	26' 8"	24' 4"	21' 2"	25' 1"	22' 6"	20' 0"
800S250-97	8SSW12	38' 7"	35' 0"	30' 7"	33' 8"	30' 7"	26' 8"	28' 5"	25' 10"	22' 7"	26' 8"	24' 4"	21' 2"
1000S162-54	10SSJ16	35' 0"	32' 0"	28' 0"	30' 8"	27' 10"	24' 4"	26' 0"	23' 2"	20' 4"	35' 4"	32' 1"	28' 0"
1000200-54	10SJW16	36' 11"	33' 7"	29' 4"	32' 4"	29' 4"	25' 7"	27' 2"	24' 2"	21' 7"	25' 7"	23' 4"	20' 2"
1000S250-54	10SSW16	38' 7"	35' 0"	30' 7"	33' 8"	30' 7"	26' 8"	28' 5"	25' 10"	22' 7"	26' 8"	24' 4"	21' 2"
1000S162-68	10SSJ14	37' 10"	34' 2"	30' 0"	33' 0"	30' 0"	26' 0"	27' 10"	25' 1"	22' 0"	37' 10"	34' 4"	30' 0"
1000S200-68	10SJW14	57' 1"	51' 10"	45' 4"	49' 10"	45' 4"	39' 7"	42' 0"	38' 2"	31' 5"	39' 7"	35' 11"	31' 5"
1000S250-68	10SSW14	60' 1"	54' 7"	47' 8"	52' 6"	47' 1"	41' 8"	44' 4"	40' 2"	35' 1"	41' 8"	31' 11"	33' 1"
1000S162-97	10SSJ12	42' 0"	38' 0"	33' 2"	36' 8"	33' 4"	29' 0"	31' 0"	28' 0"	24' 6"	41' 4"	37' 7"	32' 10"
1000S200-97	10SJW12	62' 8"	57' 0"	49' 10"	54' 10"	49' 10"	43' 6"	46' 2"	42' 0"	36' 8"	43' 6"	39' 6"	34' 6"
1000S250-97	10SSW12	66' 6"	60' 5"	52' 10"	58' 1"	52' 10"	46' 1"	49' 0"	44' 6"	38' 11"	46' 1"	41' 11"	36' 7"

Flange Width: SSCW=1-1/4”, SSC=1-3/8”, SSJ=1-5/8”, SJW=2” and SSW=2-1/2”

See page 20 for additional table notes.

SUGGESTED DESIGN GUIDES
LIMITING HEIGHTS
(FEET & INCHES)

20 PSF LATERAL LOAD

		L/240			L/360			L/600			L/720		
AISI Designation	Legacy Designation	12"	16"	24"	12"	16"	24"	12"	16"	24"	12"	16"	24"
250S137-33	2-1/2SSC20	8' 10"	8' 0"	7' 0"	7' 8"	7' 0"	6' 1"	6' 6"	5' 11"	5' 1"	6' 1"	5' 6"	4' 10"
250S162-33	2-1/2SSJ20	9' 2"	8' 4"	7' 4"	8' 0"	7' 4"	6' 5"	6' 10"	6' 1"	5' 5"	6' 5"	5' 10"	5' 1"
250S137-43	2-1/2SSC18	9' 6"	8' 7"	7' 7"	8' 4"	7' 7"	6' 7"	7' 0"	6' 5"	5' 7"	6' 7"	6' 0"	5' 2"
250S162-43	2-1/2SSJ18	10' 0"	9' 1"	7' 11"	8' 8"	7' 11"	6' 11"	7' 5"	6' 8"	5' 10"	6' 11"	6' 4"	5' 6"
250S137-54	2-1/2SSC16	10' 2"	9' 4"	8' 1"	8' 11"	8' 1"	7' 1"	7' 6"	6' 10"	6' 0"	7' 1"	6' 5"	5' 7"
250S162-54	2-1/2SSJ16	10' 8"	8' 1"	8' 6"	9' 4"	8' 6"	7' 5"	7' 11"	7' 2"	6' 4"	7' 5"	6' 8"	5' 11"
250S137-68	2-1/2SSC14	10' 10"	9' 10"	8' 7"	9' 5"	8' 7"	7' 6"	7' 11"	7' 2"	6' 4"	7' 6"	6' 10"	5' 11"
250S162-68	2-1/2SSJ14	11' 5"	10' 4"	9' 0"	9' 11"	9' 0"	7' 11"	8' 5"	7' 7"	6' 8"	7' 11"	7' 2"	6' 4"
362S125-33	3-5/8SSCW20	11' 5"	10' 5"	9' 1"	10' 0"	9' 1"	7' 11"	8' 5"	7' 7"	6' 8"	7' 11"	7' 2"	6' 4"
362S137-33	3-5/8SSC20	11' 8"	10' 7"	9' 4"	10' 2"	9' 4"	8' 1"	8' 7"	7' 10"	6' 11"	8' 1"	7' 5"	6' 5"
362S162-33	3-5/8SSJ20	12' 2"	11' 1"	9' 8"	10' 8"	9' 8"	8' 6"	9' 0"	8' 2"	7' 1"	8' 6"	7' 8"	6' 8"
362S137-43	3-5/8SSC18	12' 8"	11' 6"	10' 1"	11' 1"	10' 1"	8' 10"	9' 4"	8' 6"	7' 5"	8' 10"	8' 0"	7' 0"
362S162-43	3-5/8SSJ18	13' 4"	12' 1"	10' 6"	11' 7"	10' 6"	9' 2"	9' 10"	8' 11"	7' 10"	9' 2"	8' 5"	7' 4"
362S200-43	3-5/8SJW18	14' 0"	12' 8"	11' 1"	12' 2"	11' 1"	9' 8"	10' 4"	9' 5"	8' 2"	9' 8"	8' 10"	7' 8"
362S137-54	3-5/8SSC16	13' 7"	12' 5"	10' 10"	11' 11"	10' 10"	9' 5"	10' 0"	9' 1"	8' 0"	9' 5"	8' 7"	7' 6"
362S162-54	3-5/8SSJ16	14' 4"	13' 0"	11' 4"	12' 6"	11' 4"	9' 11"	10' 6"	9' 6"	8' 4"	9' 11"	9' 0"	7' 10"
362S200-54	3-5/8SJW16	15' 1"	13' 8"	12' 0"	13' 2"	12' 0"	10' 6"	11' 1"	10' 1"	8' 10"	10' 6"	9' 6"	8' 4"
362S137-68	3-5/8SSC14	14' 5"	13' 1"	11' 5"	12' 7"	11' 5"	10' 0"	10' 7"	9' 7"	8' 5"	10' 0"	9' 1"	7' 11"
362S162-68	3-5/8SSJ14	15' 2"	13' 10"	12' 1"	13' 4"	12' 1"	10' 6"	11' 2"	10' 2"	8' 11"	10' 6"	9' 7"	8' 5"
362S200-68	3-5/8SJW14	16' 1"	14' 7"	12' 10"	14' 1"	12' 10"	11' 2"	11' 11"	10' 10"	9' 5"	11' 2"	10' 2"	8' 11"
362S200-97	3-5/8SJW12	17' 7"	16' 0"	14' 0"	15' 5"	14' 0"	12' 2"	13' 0"	11' 10"	10' 4"	12' 2"	11' 1"	9' 8"
400S125-33	4SSCW20	12' 4"	11' 2"	9' 10"	10' 10"	9' 10"	8' 7"	9' 1"	8' 4"	7' 2"	8' 7"	7' 10"	6' 10"
400S137-33	4SSC20	12' 7"	11' 6"	10' 0"	11' 0"	10' 0"	8' 10"	9' 4"	8' 6"	7' 5"	8' 10"	8' 0"	7' 0"
400S162-33	4SSJ20	13' 2"	12' 0"	10' 5"	11' 6"	10' 5"	9' 1"	9' 8"	8' 10"	7' 8"	9' 1"	8' 4"	7' 2"
400S137-43	4SSC18	13' 8"	12' 5"	10' 11"	12' 0"	10' 11"	9' 6"	10' 1"	9' 2"	8' 0"	9' 6"	8' 7"	7' 6"
400S162-43	4SSJ18	14' 4"	13' 0"	11' 5"	12' 6"	11' 5"	9' 11"	10' 7"	9' 7"	8' 5"	9' 11"	9' 0"	7' 11"
400S200-43	4SJW18	15' 1"	13' 8"	12' 0"	13' 2"	12' 0"	10' 6"	11' 1"	10' 1"	8' 10"	10' 6"	9' 6"	8' 4"
400S250-43	4SSW18	159' 0"	14' 6"	12' 7"	13' 11"	12' 7"	11' 1"	11' 8"	10' 8"	9' 4"	11' 1"	10' 0"	8' 10"
400S137-54	4SSC16	14' 8"	13' 5"	11' 8"	12' 11"	11' 8"	10' 2"	10' 10"	9' 10"	8' 7"	10' 2"	9' 4"	8' 1"
400S162-54	4SSJ16	15' 5"	14' 0"	12' 2"	13' 5"	12' 2"	10' 8"	11' 4"	10' 4"	9' 0"	10' 8"	9' 8"	8' 6"
400S200-54	4SJW16	16' 4"	14' 10"	12' 11"	14' 2"	12' 11"	11' 4"	12' 0"	10' 11"	9' 6"	11' 4"	10' 4"	9' 0"
400S250-54	4SSW16	17' 2"	15' 7"	13' 7"	15' 0"	13' 7"	11' 11"	12' 8"	11' 6"	10' 1"	11' 11"	10' 10"	9' 6"
400S137-68	4SSC14	15' 7"	14' 2"	12' 5"	13' 7"	12' 5"	10' 10"	11' 6"	10' 5"	9' 1"	10' 10"	9' 10"	8' 7"
400S162-68	4SSJ14	16' 5"	14' 11"	13' 0"	14' 4"	13' 0"	11' 5"	12' 1"	11' 0"	9' 7"	11' 5"	10' 4"	9' 0"
400S200-68	4SJW14	17' 5"	15' 10"	13' 10"	15' 2"	13' 10"	12' 1"	12' 10"	11' 7"	10' 2"	12' 1"	11' 0"	9' 7"
400S250-68	4SSW14	18' 6"	16' 10"	14' 8"	16' 2"	14' 8"	12' 10"	13' 7"	12' 5"	10' 10"	12' 10"	11' 8"	10' 2"
400S200-97	4SJW12	19' 0"	17' 4"	15' 1"	16' 7"	15' 1"	13' 2"	14' 0"	12' 8"	11' 1"	13' 2"	12' 0"	10' 6"
400S250-97	4SSW12	20' 5"	18' 6"	16' 2"	17' 10"	16' 2"	14' 2"	15' 0"	13' 8"	11' 11"	14' 2"	12' 11"	11' 2"

		L/240			L/360			L/600			L/720		
AISI Designation	Legacy Designation	12"	16"	24"	12"	16"	24"	12"	16"	24"	12"	16"	24"
600S125-33	6SSCW20	17' 1"	15' 6"	13' 6"	14' 11"	13' 6"	11' 10"	12' 7"	11' 5"	10' 0"	11' 10"	10' 8"	9' 5"
600S137-33	6SSC20	17' 5"	15' 10"	13' 10"	15' 2"	13' 10"	12' 1"	12' 11"	11' 8"	10' 2"	12' 1"	11' 0"	9' 7"
600S162-33	6SSJ20	18' 1"	16' 5"	14' 4"	15' 10"	14' 4"	12' 6"	13' 4"	12' 1"	10' 7"	12' 6"	11' 5"	9' 11"
600S125-43	6SSCW18	18' 11"	17' 2"	15' 0"	16' 6"	15' 0"	13' 1"	13' 11"	12' 8"	11' 1"	13' 1"	11' 11"	10' 5"
600S137-43	6SSC18	19' 8"	17' 11"	15' 7"	17' 2"	15' 7"	13' 8"	4' 6"	13' 2"	11' 6"	13' 8"	12' 5"	10' 10"
600S200-43	6SJW18	20' 7"	18' 10"	16' 5"	18' 0"	16' 5"	14' 4"	15' 2"	13' 10"	12' 1"	14' 4"	13' 0"	11' 5"
600S250-43	6SSW18	21' 8"	19' 8"	17' 2"	19' 0"	17' 2"	15' 0"	16' 0"	14' 6"	12' 8"	14' 4"	13' 8"	11' 11"
600S137-54	6SSC16	20' 4"	18' 6"	16' 1"	17' 10"	16' 1"	14' 1"	15' 0"	13' 7"	11' 11"	14' 1"	12' 10"	11' 2"
600S162-54	6SSJ16	21' 2"	19' 4"	16' 10"	18' 6"	16' 10"	14' 8"	15' 7"	14' 2"	12' 5"	14' 8"	13' 5"	11' 8"
600S200-54	6SJW16	22' 4"	20' 4"	17' 8"	19' 6"	17' 8"	15' 6"	16' 5"	14' 11"	13' 1"	15' 6"	14' 1"	12' 4"
600S250-54	6SSW16	23' 6"	21' 4"	18' 7"	20' 6"	18' 7"	16' 4"	17' 4"	15' 8"	13' 8"	16' 4"	14' 10"	12' 11"
600S137-68	6SSC14	21' 7"	19' 7"	17' 1"	18' 10"	17' 1"	15' 0"	15' 11"	14' 5"	12' 7"	15' 0"	13' 7"	11' 11"
600S162-68	6SSJ14	22' 7"	20' 6"	17' 11"	19' 8"	17' 11"	15' 8"	16' 8"	15' 1"	13' 2"	15' 8"	14' 2"	12' 5"
600S200-68	6SJW14	23' 11"	21' 8"	18' 11"	20' 11"	18' 11"	16' 7"	17' 7"	16' 0"	14' 0"	16' 7"	15' 0"	13' 1"
600S250-68	6SSW14	25' 4"	23' 0"	20' 1"	22' 1"	20' 1"	17' 6"	18' 7"	16' 11"	14' 10"	17' 6"	15' 11"	13' 11"
600S200-97	6SJW12	26' 2"	23' 10"	20' 10"	22' 11"	20' 10"	18' 1"	19' 4"	17' 6"	15' 4"	18' 1"	16' 6"	14' 5"
600S250-97	6SSW12	28' 0"	25' 5"	22' 2"	24' 5"	22' 2"	19' 5"	20' 7"	18' 8"	16' 4"	19' 5"	17' 7"	15' 5"
800S162-43	8SSJ18	24' 10"	22' 7"	19' 8"	21' 8"	19' 8"	17' 2"	18' 4"	16' 7"	14' 6"	17' 2"	15' 7"	13' 8"
800200-43	8SJW18	25' 11"	23' 6"	20' 7"	22' 7"	20' 7"	20' 7"	19' 1"	17' 4"	15' 2"	18' 0"	16' 4"	14' 4"
800S250-43	8SSW18	27' 1"	24' 7"	21' 6"	23' 8"	21' 6"	21' 6"	20' 0"	18' 2"	15' 11"	18' 10"	17' 1"	14' 11"
800S162-54	8SSJ16	26' 8"	24' 4"	21' 2"	23' 4"	21' 2"	18' 6"	19' 8"	17' 11"	15' 7"	18' 6"	16' 10"	14' 8"
800S200-54	8SJW16	28' 0"	25' 6"	22' 4"	24' 6"	22' 4"	19' 5"	20' 8"	18' 10"	16' 5"	19' 5"	17' 8"	15' 5"
800S250-54	8SSW16	29' 5"	26' 8"	23' 4"	25' 8"	23' 4"	20' 5"	21' 7"	19' 8"	17' 2"	20' 5"	18' 6"	16' 2"
800S162-68	8SSJ14	28' 6"	25' 11"	22' 7"	24' 11"	22' 7"	19' 10"	21' 0"	19' 1"	16' 8"	19' 10"	18' 0"	15' 8"
800S200-68	8SJW14	30' 0"	27' 4"	23' 10"	26' 2"	23' 10"	20' 10"	22' 1"	20' 1"	17' 6"	20' 10"	18' 11"	16' 6"
800S250-68	8SSW14	31' 8"	28' 10"	25' 2"	27' 8"	25' 2"	22' 0"	23' 5"	21' 2"	18' 6"	22' 0"	20' 0"	17' 5"
800S162-97	8SSJ12	31' 1"	28' 4"	24' 8"	27' 2"	24' 8"	21' 7"	23' 0"	20' 11"	18' 2"	21' 7"	19' 7"	17' 1"
800S200-97	8SJW12	32' 11"	29' 11"	26' 1"	28' 10"	26' 1"	22' 10"	24' 4"	22' 1"	19' 2"	22' 10"	20' 10"	18' 1"
800S250-97	8SSW12	35' 0"	31' 10"	27' 10"	30' 7"	27' 10"	24' 4"	25' 10"	23' 6"	20' 6"	24' 4"	22' 1"	19' 4"
1000S162-54	10SSJ16	32' 1"	29' 2"	25' 6"	28' 0"	25' 6"	22' 4"	23' 8"	21' 6"	18' 10"	22' 4"	20' 2"	17' 8"
1000200-54	10SJW16	33' 7"	30' 6"	26' 7"	29' 4"	26' 7"	23' 4"	24' 8"	22' 6"	19' 7"	23' 4"	21' 1"	18' 6"
1000S250-54	10SSW16	35' 0"	31' 10"	27' 10"	30' 7"	27' 10"	24' 4"	25' 10"	23' 6"	20' 6"	24' 4"	22' 1"	19' 4"
1000S162-68	10SSJ14	34' 4"	31' 2"	27' 2"	30' 0"	27' 2"	23' 10"	25' 4"	23' 0"	20' 1"	23' 10"	21' 7"	18' 11"
1000S200-68	10SJW14	35' 11"	32' 8"	28' 6"	31' 5"	28' 6"	24' 11"	26' 6"	24' 1"	21' 0"	24' 11"	22' 7"	19' 10"
1000S250-68	10SSW14	37' 11"	34' 5"	30' 0"	33' 1"	30' 0"	26' 2"	27' 11"	25' 4"	22' 1"	26' 2"	23' 10"	20' 10"
1000S162-97	10SSJ12	37' 7"	34' 1"	29' 10"	32' 10"	29' 10"	26' 0"	27' 8"	25' 1"	22' 0"	26' 0"	23' 8"	20' 8"
1000S200-97	10SJW12	39' 6"	35' 11"	31' 5"	34' 6"	31' 5"	27' 5"	29' 1"	26' 1"	23' 1"	27' 5"	24' 11"	21' 10"
1000S250-97	10SSW12	41' 11"	38' 1"	33' 2"	36' 7"	33' 2"	29' 0"	30' 11"	28' 0"	24' 6"	29' 0"	26' 5"	23' 0"

Flange Width: SSCW=1-1/4", SSC=1-3/8", SSJ=1-5/8", SJW=2" and SSW=2-1/2"

See page 20 for additional table notes.

SUGGESTED DESIGN GUIDES
LIMITING HEIGHTS
(FEET & INCHES)

25 PSF LATERAL LOAD

		L/240			L/360			L/600			L/720		
AISI Designation	Legacy Designation	12"	16"	24"	12"	16"	24"	12"	16"	24"	12"	16"	24"
250S137-33	2-1/2SSC20	8' 2"	7' 5"	6' 6"	7' 1"	6' 6"	5' 8"	6' 0"	5' 6"	4' 10"	5' 8"	5' 1"	4' 6"
250S162-33	2-1/2SSJ20	8' 6"	7' 8"	6' 10"	7' 6"	6' 10"	5' 11"	6' 4"	5' 8"	5' 0"	5' 11"	5' 5"	4' 8"
250S137-43	2-1/2SSC18	8' 10"	8' 0"	7' 0"	7' 8"	7' 0"	6' 1"	6' 6"	5' 11"	5' 2"	6' 1"	5' 7"	4' 11"
250S162-43	2-1/2SSJ18	9' 4"	8' 5"	7' 5"	8' 1"	7' 5"	6' 5"	6' 10"	6' 2"	5' 5"	6' 5"	5' 10"	5' 1"
250S137-54	2-1/2SSC16	9' 6"	8' 7"	7' 6"	8' 4"	7' 6"	6' 7"	7' 0"	6' 4"	5' 6"	6' 7"	6' 0"	5' 2"
250S162-54	2-1/2SSJ16	9' 11"	9' 0"	7' 11"	8' 8"	7' 11"	6' 11"	7' 4"	6' 7"	5' 10"	6' 11"	6' 4"	5' 6"
250S137-68	2-1/2SSC14	10' 0"	9' 1"	7' 11"	8' 8"	7' 11"	6' 11"	7' 5"	6' 8"	5' 11"	6' 11"	6' 4"	5' 6"
250S162-68	2-1/2SSJ14	10' 7"	9' 7"	8' 5"	9' 2"	8' 5"	7' 4"	7' 10"	7' 1"	6' 2"	7' 4"	6' 8"	5' 10"
362S125-33	3-5/8SSCW20	10' 7"	9' 7"	8' 5"	9' 4"	8' 5"	7' 4"	7' 10"	7' 1"	6' 2"	7' 4"	6' 8"	5' 10"
362S137-33	3-5/8SSC20	10' 11"	9' 11"	8' 7"	9' 6"	8' 7"	7' 6"	8' 0"	7' 4"	6' 5"	7' 6"	6' 11"	6' 0"
362S162-33	3-5/8SSJ20	11' 4"	10' 4"	9' 0"	9' 11"	9' 0"	7' 11"	8' 4"	7' 7"	6' 7"	7' 11"	7' 1"	6' 2"
362S137-43	3-5/8SSC18	11' 10"	10' 8"	9' 4"	10' 4"	9' 4"	8' 2"	8' 8"	7' 11"	6' 11"	8' 2"	7' 5"	6' 6"
362S162-43	3-5/8SSJ18	12' 4"	11' 2"	9' 10"	10' 10"	9' 10"	8' 7"	9' 1"	8' 4"	7' 2"	8' 7"	7' 10"	6' 10"
362S200-43	3-5/8SJW18	13' 0"	11' 10"	10' 4"	11' 5"	10' 4"	9' 0"	9' 7"	8' 8"	7' 7"	9' 0"	8' 2"	7' 2"
362S137-54	3-5/8SSC16	12' 7"	11' 6"	10' 0"	11' 0"	10' 0"	8' 10"	9' 4"	8' 6"	7' 5"	8' 10"	8' 0"	7' 0"
362S162-54	3-5/8SSJ16	13' 2"	12' 0"	10' 6"	11' 7"	10' 6"	9' 2"	9' 10"	8' 11"	7' 8"	9' 2"	8' 4"	7' 4"
362S200-54	3-5/8SJW16	14' 0"	12' 8"	11' 1"	12' 2"	11' 1"	9' 8"	10' 4"	9' 5"	8' 2"	9' 8"	8' 10"	7' 8"
362S137-68	3-5/8SSC14	13' 5"	12' 2"	10' 7"	11' 8"	10' 7"	9' 4"	9' 11"	9' 0"	7' 10"	9' 4"	8' 5"	7' 5"
362S162-68	3-5/8SSJ14	14' 1"	12' 10"	11' 2"	12' 4"	11' 2"	9' 10"	10' 5"	9' 5"	8' 2"	9' 10"	8' 11"	7' 10"
362S200-68	3-5/8SJW14	15' 0"	13' 7"	11' 11"	13' 1"	11' 11"	10' 5"	11' 0"	10' 0"	8' 8"	10' 5"	9' 5"	8' 2"
362S200-97	3-5/8SJW12	16' 5"	14' 11"	13' 0"	14' 4"	13' 0"	11' 4"	12' 1"	11' 0"	9' 7"	11' 4"	10' 4"	9' 0"
400S125-33	4SSCW20	11' 5"	10' 5"	9' 1"	10' 0"	9' 1"	7' 11"	8' 5"	7' 8"	6' 8"	7' 11"	7' 2"	6' 4"
400S137-33	4SSC20	11' 8"	10' 8"	9' 4"	10' 4"	9' 4"	8' 1"	8' 8"	7' 11"	6' 11"	8' 1"	7' 5"	6' 6"
400S162-33	4SSJ20	12' 2"	11' 1"	9' 8"	10' 8"	9' 8"	8' 6"	9' 0"	8' 2"	7' 1"	8' 6"	7' 8"	6' 8"
400S137-43	4SSC18	12' 8"	11' 7"	10' 1"	11' 1"	10' 1"	8' 10"	9' 5"	8' 6"	7' 5"	8' 10"	8' 0"	7' 0"
400S162-43	4SSJ18	13' 4"	12' 1"	10' 7"	11' 7"	10' 7"	9' 2"	9' 10"	8' 11"	7' 10"	9' 2"	8' 5"	7' 4"
400S200-43	4SJW18	14' 0"	12' 8"	11' 1"	12' 2"	11' 1"	9' 8"	10' 4"	9' 5"	8' 2"	9' 8"	8' 10"	7' 8"
400S250-43	4SSW18	14' 10"	13' 5"	11' 8"	12' 11"	11' 8"	10' 4"	10' 11"	9' 11"	8' 8"	10' 4"	9' 4"	8' 1"
400S137-54	4SSC16	13' 8"	12' 5"	10' 10"	11' 11"	10' 10"	9' 6"	10' 1"	9' 1"	8' 0"	9' 6"	8' 7"	7' 6"
400S162-54	4SSJ16	14' 4"	13' 0"	11' 4"	12' 6"	11' 4"	9' 11"	10' 6"	9' 7"	8' 5"	9' 11"	9' 0"	7' 11"
400S200-54	4SJW16	15' 1"	13' 8"	12' 0"	13' 2"	12' 0"	10' 6"	11' 1"	10' 1"	8' 10"	10' 6"	9' 6"	8' 4"
400S250-54	4SSW16	16' 0"	14' 6"	12' 8"	13' 11"	12' 8"	11' 1"	11' 10"	10' 8"	9' 4"	11' 1"	10' 1"	8' 10"
400S137-68	4SSC14	14' 6"	13' 1"	11' 6"	12' 7"	11' 6"	10' 0"	10' 8"	9' 8"	8' 6"	10' 0"	9' 1"	8' 0"
400S162-68	4SSJ14	15' 2"	13' 10"	12' 1"	13' 4"	12' 1"	10' 7"	11' 2"	10' 2"	8' 11"	10' 7"	9' 7"	8' 5"
400S200-68	4SJW14	16' 1"	14' 8"	12' 10"	14' 1"	12' 10"	11' 2"	11' 11"	10' 10"	9' 5"	11' 2"	10' 2"	8' 11"
400S250-68	4SSW14	17' 2"	15' 7"	13' 7"	15' 0"	13' 7"	11' 11"	12' 8"	11' 6"	10' 0"	11' 11"	10' 10"	9' 5"
400S200-97	4SJW12	17' 8"	16' 1"	14' 0"	15' 5"	14' 0"	12' 2"	13' 0"	11' 10"	10' 4"	12' 2"	11' 1"	9' 8"
400S250-97	4SSW12	18' 11"	17' 2"	15' 0"	16' 7"	15' 0"	13' 1"	14' 0"	12' 8"	11' 1"	13' 1"	11' 11"	10' 5"

		L/240			L/360			L/600			L/720		
AISI Designation	Legacy Designation	12"	16"	24"	12"	16"	24"	12"	16"	24"	12"	16"	24"
600S125-33	6SSCW20	15' 10"	14' 5"	12' 7"	13' 10"	12' 7"	11' 0"	11' 8"	10' 7"	9' 4"	11' 0"	10' 0"	8' 8"
600S137-33	6SSC20	16' 2"	14' 8"	12' 11"	14' 1"	12' 11"	11' 2"	11' 11"	10' 10"	9' 6"	11' 2"	10' 2"	8' 11"
600S162-33	6SSJ20	16' 10"	15' 2"	13' 4"	14' 8"	13' 4"	11' 7"	12' 5"	11' 2"	9' 10"	11' 7"	10' 7"	9' 2"
600S137-43	6SSC18	17' 7"	16' 0"	13' 11"	15' 4"	13' 11"	12' 2"	12' 11"	11' 10"	10' 4"	12' 2"	11' 1"	9' 8"
600S162-43	6SSJ18	18' 4"	16' 7"	14' 6"	16' 0"	14' 6"	12' 8"	13' 6"	12' 2"	10' 8"	12' 8"	11' 6"	10' 1"
600S200-43	6SJW18	19' 2"	17' 5"	15' 2"	16' 8"	15' 2"	13' 4"	14' 1"	12' 10"	11' 2"	13' 4"	12' 1"	10' 6"
600S250-43	6SSW18	20' 1"	18' 4"	16' 0"	17' 7"	16' 0"	14' 0"	14' 10"	13' 6"	11' 10"	14' 0"	12' 8"	11' 1"
600S137-54	6SSC16	18' 11"	17' 2"	15' 0"	16' 6"	15' 0"	13' 1"	13' 11"	12' 7"	11' 0"	13' 1"	11' 11"	10' 5"
600S162-54	6SSJ16	19' 8"	17' 11"	15' 7"	17' 2"	15' 7"	13' 7"	14' 6"	13' 2"	11' 6"	13' 7"	12' 5"	10' 10"
600S200-54	6SJW16	20' 8"	18' 10"	16' 5"	18' 1"	16' 5"	14' 5"	15' 4"	13' 11"	12' 1"	14' 5"	13' 1"	11' 5"
600S250-54	6SSW16	21' 10"	19' 10"	17' 4"	19' 0"	17' 4"	15' 1"	16' 1"	14' 7"	12' 8"	15' 1"	13' 8"	12' 0"
600S137-68	6SSC14	20' 0"	18' 2"	15' 11"	17' 6"	15' 11"	13' 11"	14' 10"	13' 5"	11' 8"	13' 11"	12' 7"	11' 0"
600S162-68	6SSJ14	21' 0"	19' 1"	16' 8"	18' 4"	16' 8"	14' 7"	15' 6"	14' 0"	12' 4"	14' 7"	13' 2"	11' 6"
600S200-68	6SJW14	22' 2"	20' 1"	17' 7"	19' 5"	17' 7"	15' 5"	16' 4"	14' 10"	13' 0"	15' 5"	14' 0"	12' 2"
600S250-68	6SSW14	23' 6"	21' 4"	18' 7"	20' 6"	18' 7"	16' 4"	17' 4"	15' 8"	13' 8"	16' 4"	14' 10"	12' 11"
600S200-97	6SJW12	24' 4"	22' 1"	19' 4"	21' 2"	19' 4"	16' 10"	17' 11"	16' 4"	14' 2"	16' 10"	15' 4"	13' 5"
600S250-97	6SSW12	25' 11"	23' 7"	20' 7"	22' 8"	20' 7"	18' 0"	19' 1"	17' 5"	15' 2"	18' 0"	16' 4"	14' 4"
800S162-43	8SSJ18	23' 1"	20' 11"	18' 4"	20' 1"	18' 4"	16' 0"	17' 0"	15' 5"	13' 6"	16' 0"	14' 6"	12' 8"
800200-43	8SJW18	24' 1"	21' 11"	19' 1"	21' 0"	19' 1"	16' 8"	17' 8"	16' 1"	14' 1"	16' 8"	15' 2"	13' 2"
800S250-43	8SSW18	25' 2"	22' 11"	20' 0"	22' 0"	20' 0"	17' 6"	18' 6"	16' 11"	14' 8"	17' 6"	15' 11"	13' 11"
800S162-54	8SSJ16	24' 10"	22' 6"	19' 8"	21' 8"	19' 8"	17' 2"	18' 4"	16' 7"	14' 6"	17' 2"	15' 7"	13' 8"
800S200-54	8SJW16	26' 0"	23' 8"	20' 8"	22' 8"	20' 8"	18' 1"	19' 2"	17' 5"	15' 2"	18' 1"	16' 5"	14' 4"
800S250-54	8SSW16	27' 4"	24' 10"	21' 7"	23' 10"	21' 7"	18' 11"	20' 1"	18' 4"	15' 11"	18' 11"	17' 2"	15' 0"
800S162-68	8SSJ14	26' 6"	24' 1"	21' 0"	23' 1"	21' 0"	18' 5"	19' 6"	17' 8"	15' 6"	18' 5"	16' 8"	14' 7"
800S200-68	8SJW14	27' 11"	25' 4"	22' 1"	24' 4"	22' 1"	19' 4"	20' 6"	18' 7"	16' 4"	19' 4"	17' 6"	15' 4"
800S250-68	8SSW14	29' 5"	26' 8"	23' 5"	25' 8"	23' 5"	20' 5"	21' 8"	19' 8"	17' 2"	20' 5"	18' 6"	16' 2"
800S162-97	8SSJ12	28' 11"	26' 4"	23' 0"	25' 4"	23' 0"	20' 1"	21' 4"	19' 5"	16' 11"	20' 1"	18' 2"	15' 11"
800S200-97	8SJW12	30' 7"	27' 10"	24' 4"	26' 8"	24' 4"	21' 2"	22' 6"	20' 6"	17' 11"	21' 2"	19' 4"	16' 10"
800S250-97	8SSW12	32' 6"	29' 7"	25' 10"	28' 5"	25' 10"	22' 7"	24' 0"	21' 10"	19' 0"	22' 7"	20' 6"	17' 11"
1000S162-54	10SSJ16	29' 10"	27' 1"	23' 8"	26' 0"	23' 8"	20' 8"	22' 0"	19' 11"	17' 5"	20' 8"	18' 10"	16' 5"
1000200-54	10SJW16	31' 2"	28' 4"	24' 8"	27' 2"	24' 8"	21' 7"	23' 0"	20' 11"	18' 2"	21' 7"	19' 7"	17' 2"
1000S250-54	10SSW16	32' 6"	29' 7"	25' 10"	28' 5"	25' 10"	22' 7"	24' 0"	21' 10"	19' 0"	22' 7"	20' 6"	17' 11"
1000S162-68	10SSJ14	31' 11"	28' 11"	25' 4"	27' 10"	25' 4"	22' 1"	23' 6"	21' 4"	18' 7"	22' 1"	20' 1"	17' 6"
1000S200-68	10SJW14	33' 5"	30' 4"	26' 6"	29' 1"	26' 6"	23' 1"	24' 7"	22' 4"	19' 6"	23' 1"	21' 0"	18' 5"
1000S250-68	10SSW14	35' 1"	31' 11"	27' 11"	30' 8"	27' 11"	24' 5"	25' 11"	23' 6"	20' 6"	24' 5"	22' 1"	19' 4"
1000S162-97	10SSJ12	34' 11"	31' 8"	27' 8"	30' 6"	27' 8"	24' 2"	25' 8"	23' 4"	20' 5"	24' 2"	22' 0"	19' 2"
1000S200-97	10SJW12	36' 8"	33' 4"	29' 1"	32' 1"	29' 1"	25' 5"	27' 0"	24' 7"	21' 6"	25' 5"	23' 1"	20' 2"
1000S250-97	10SSW12	38' 11"	35' 4"	30' 11"	34' 0"	30' 11"	27' 0"	28' 7"	26' 0"	22' 8"	27' 0"	24' 6"	21' 5"

Flange Width: SSCW=1-1/4", SSC=1-3/8", SSJ=1-5/8", SJW=2" and SSW=2-1/2"

See page 20 for additional table notes.

SUGGESTED DESIGN GUIDES
LIMITING HEIGHTS
(FEET & INCHES)

30 PSF LATERAL LOAD

		L/240			L/360			L/600			L/720		
AISI Designation	Legacy Designation	12"	16"	24"	12"	16"	24"	12"	16"	24"	12"	16"	24"
250S137-33	2-1/2SSC20	7' 8"	7' 0"	6' 1"	6' 8"	6' 1"	5' 4"	5' 8"	5' 1"	4' 6"	5' 4"	4' 10"	4' 2"
250S162-33	2-1/2SSJ20	8' 0"	7' 4"	6' 5"	7' 0"	6' 5"	5' 7"	5' 11"	5' 5"	4' 8"	5' 7"	5' 1"	4' 5"
250S137-43	2-1/2SSC18	8' 4"	7' 7"	6' 7"	7' 4"	6' 7"	5' 10"	6' 1"	5' 7"	4' 11"	5' 10"	5' 2"	4' 7"
250S162-43	2-1/2SSJ18	8' 8"	7' 11"	6' 11"	7' 7"	6' 11"	6' 0"	6' 5"	5' 10"	5' 1"	6' 0"	5' 6"	4' 10"
250S137-54	2-1/2SSC16	8' 11"	8' 1"	7' 1"	7' 10"	71' 0"	6' 2"	6' 7"	6' 0"	5' 2"	6' 2"	5' 7"	4' 0"
250S162-54	2-1/2SSJ16	9' 4"	8' 6"	7' 5"	8' 2"	7' 5"	6' 6"	6' 11"	6' 4"	5' 6"	6' 6"	5' 11"	5' 1"
250S137-68	2-1/2SSC14	9' 5"	8' 7"	7' 6"	8' 2"	7' 6"	6' 6"	6' 11"	6' 4"	5' 6"	6' 6"	5' 11"	5' 2"
250S162-68	2-1/2SSJ14	9' 11"	9' 0"	7' 11"	8' 8"	7' 11"	6' 11"	7' 4"	6' 8"	5' 10"	6' 11"	6' 4"	5' 6"
362S125-33	3-5/8SSCW20	10' 0"	9' 1"	7' 11"	8' 8"	7' 11"	6' 11"	7' 4"	6' 8"	5' 10"	6' 11"	6' 4"	5' 6"
362S137-33	3-5/8SSC20	10' 2"	9' 4"	8' 1"	8' 11"	8' 1"	7' 1"	7' 6"	6' 11"	6' 0"	7' 1"	6' 5"	5' 7"
362S162-33	3-5/8SSJ20	10' 8"	9' 8"	8' 6"	9' 4"	8' 6"	7' 5"	7' 11"	7' 1"	6' 2"	7' 5"	6' 8"	5' 11"
362S137-43	3-5/8SSC18	11' 1"	10' 1"	8' 10"	9' 8"	8' 10"	7' 8"	8' 2"	7' 5"	6' 6"	7' 8"	7' 0"	6' 1"
362S162-43	3-5/8SSJ18	11' 7"	10' 6"	9' 2"	10' 1"	9' 2"	8' 0"	8' 7"	7' 10"	6' 10"	8' 0"	7' 4"	6' 5"
362S200-43	3-5/8SJW18	12' 2"	11' 1"	9' 8"	10' 8"	9' 8"	8' 6"	9' 0"	8' 2"	7' 2"	8' 6"	7' 8"	6' 8"
362S137-54	3-5/8SSC16	11' 11"	10' 10"	9' 5"	10' 5"	9' 5"	8' 2"	8' 10"	8' 0"	7' 0"	8' 2"	7' 6"	6' 6"
362S162-54	3-5/8SSJ16	12' 6"	11' 4"	9' 11"	10' 11"	9' 11"	8' 7"	9' 2"	8' 4"	7' 4"	8' 7"	7' 10"	6' 11"
362S200-54	3-5/8SJW16	13' 2"	12' 0"	10' 6"	11' 6"	10' 6"	9' 1"	9' 8"	8' 10"	7' 8"	9' 1"	8' 0"	7' 4"
362S137-68	3-5/8SSC14	12' 7"	11' 5"	10' 0"	11' 0"	10' 0"	8' 8"	9' 4"	8' 5"	7' 5"	8' 8"	7' 11"	6' 11"
362S162-68	3-5/8SSJ14	13' 4"	12' 1"	10' 6"	11' 7"	10' 6"	9' 2"	9' 10"	8' 11"	7' 10"	9' 2"	8' 5"	7' 4"
362S200-68	3-5/8SJW14	14' 1"	12' 10"	11' 2"	12' 4"	11' 2"	9' 10"	10' 5"	9' 5"	8' 2"	9' 10"	8' 11"	7' 8"
362S200-97	3-5/8SJW12	15' 5"	14' 0"	12' 2"	13' 6"	12' 2"	10' 8"	11' 4"	10' 4"	9' 0"	10' 8"	9' 8"	8' 6"
400S125-33	4SSCW20	10' 10"	9' 10"	8' 7"	9' 5"	8' 7"	7' 6"	7' 11"	7' 2"	6' 4"	7' 6"	6' 10"	5' 11"
400S137-33	4SSC20	11' 0"	10' 0"	8' 10"	9' 8"	8' 10"	7' 8"	8' 1"	7' 5"	6' 6"	7' 8"	7' 0"	6' 1"
400S162-33	4SSJ20	11' 6"	10' 5"	9' 1"	10' 0"	9' 1"	8' 0"	8' 6"	7' 8"	6' 8"	8' 0"	7' 2"	6' 4"
400S137-43	4SSC18	12' 0"	10' 11"	9' 6"	10' 6"	9' 6"	8' 4"	8' 10"	8' 0"	7' 0"	8' 4"	7' 6"	6' 7"
400S162-43	4SSJ18	12' 6"	11' 5"	9' 11"	10' 11"	9' 11"	8' 8"	9' 2"	8' 5"	7' 4"	8' 8"	7' 11"	6' 11"
400S200-43	4SJW18	13' 2"	12' 0"	10' 6"	11' 6"	10' 6"	9' 1"	9' 8"	8' 10"	7' 8"	9' 1"	8' 4"	7' 4"
400S250-43	4SSW18	13' 11"	12' 7"	11' 1"	12' 2"	11' 1"	9' 8"	10' 4"	9' 4"	8' 1"	9' 8"	8' 10"	7' 8"
400S137-54	4SSC16	12' 11"	11' 8"	10' 2"	11' 2"	10' 2"	8' 11"	9' 6"	8' 7"	7' 6"	8' 11"	8' 1"	7' 1"
400S162-54	4SSJ16	13' 5"	12' 2"	10' 8"	11' 8"	10' 8"	9' 4"	9' 11"	9' 0"	7' 11"	9' 4"	8' 6"	7' 5"
400S200-54	4SJW16	14' 2"	12' 11"	11' 4"	12' 5"	11' 4"	9' 11"	10' 6"	9' 6"	8' 4"	9' 11"	9' 0"	7' 10"
400S250-54	4SSW16	15' 0"	13' 7"	11' 11"	13' 1"	11' 11"	10' 5"	11' 1"	10' 1"	8' 10"	10' 5"	9' 6"	8' 4"
400S137-68	4SSC14	13' 7"	12' 5"	10' 10"	11' 11"	10' 10"	9' 5"	10' 0"	9' 1"	8' 0"	9' 5"	8' 7"	7' 6"
400S162-68	4SSJ14	14' 4"	13' 0"	11' 5"	12' 6"	11' 5"	9' 11"	10' 7"	9' 7"	8' 5"	9' 11"	9' 0"	7' 11"
400S200-68	4SJW14	15' 2"	13' 10"	12' 1"	13' 4"	12' 1"	10' 6"	11' 2"	10' 2"	8' 11"	10' 6"	9' 7"	8' 5"
400S250-68	4SSW14	16' 2"	14' 8"	12' 10"	14' 1"	12' 10"	11' 2"	11' 11"	10' 10"	9' 5"	11' 2"	10' 2"	8' 11"
400S200-97	4SJW12	16' 7"	15' 1"	13' 2"	14' 6"	13' 2"	11' 6"	12' 2"	11' 1"	9' 8"	11' 6"	10' 6"	9' 1"
400S250-97	4SSW12	17' 10"	16' 2"	14' 2"	156' 0"	14' 2"	12' 5"	13' 1"	11' 11"	10' 5"	12' 5"	11' 2"	9' 10"

		L/240			L/360			L/600			L/720		
SECTION		12"	16"	24"	12"	16"	24"	12"	16"	24"	12"	16"	24"
600S125-33	6SSCW20	14' 11"	13' 6"	1' 10"	13' 0"	11' 10"	10' 4"	11' 0"	10' 0"	8' 8"	10' 4"	9' 5"	8' 2"
600S137-33	6SSC20	15' 2"	13' 10"	12' 1"	13' 4"	12' 1"	10' 7"	11' 2"	10' 2"	8' 11"	10' 7"	9' 7"	8' 5"
600S162-33	6SSJ20	15' 10"	14' 4"	12' 6"	13' 10"	12' 6"	10' 11"	11' 7"	10' 7"	9' 2"	10' 11"	9' 11"	8' 8"
600S137-43	6SSC18	16' 6"	15' 0"	13' 1"	14' 5"	13' 1"	11' 6"	12' 2"	11' 1"	9' 8"	11' 6"	10' 5"	9' 1"
600S162-43	6SSJ18	17' 2"	15' 7"	13' 8"	15' 0"	13' 8"	11' 11"	12' 8"	11' 6"	10' 1"	11' 11"	10' 10"	9' 6"
600S200-43	6SJW18	18' 0"	16' 5"	14' 4"	15' 10"	14' 4"	12' 6"	13' 4"	12' 1"	10' 6"	12' 6"	11' 5"	9' 11"
600S250-43	6SSW18	19' 0"	17' 2"	15' 0"	16' 7"	15' 0"	13' 1"	14' 0"	12' 8"	11' 1"	13' 1"	11' 11"	10' 5"
600S137-54	6SSC16	17' 10"	16' 1"	14' 1"	15' 6"	14' 1"	12' 4"	13' 1"	11' 11"	10' 5"	12' 4"	11' 2"	9' 10"
600S162-54	6SSJ16	18' 6"	16' 10"	14' 8"	16' 2"	14' 8"	12' 10"	13' 7"	12' 5"	10' 10"	12' 10"	11' 8"	10' 2"
600S200-54	6SJW16	19' 6"	17' 8"	15' 6"	17' 0"	15' 6"	13' 6"	14' 5"	13' 1"	11' 5"	13' 6"	12' 4"	10' 8"
600S250-54	6SSW16	20' 6"	18' 7"	16' 4"	17' 11"	16' 4"	14' 2"	15' 1"	13' 8"	12' 0"	14' 2"	12' 11"	11' 4"
600S137-68	6SSC14	18' 10"	17' 1"	15' 0"	16' 6"	15' 0"	13' 1"	13' 11"	12' 7"	11' 0"	13' 1"	11' 11"	10' 5"
600S162-68	6SSJ14	19' 8"	17' 11"	15' 8"	17' 4"	15' 8"	13' 8"	14' 7"	13' 2"	11' 6"	13' 8"	12' 5"	10' 11"
600S200-68	6SJW14	20' 11"	18' 11"	16' 7"	18' 2"	16' 7"	14' 6"	15' 5"	14' 0"	12' 2"	14' 6"	13' 1"	11' 6"
600S250-68	6SSW14	22' 1"	20' 1"	17' 6"	19' 4"	17' 6"	15' 4"	16' 4"	14' 10"	12' 11"	15' 4"	13' 11"	12' 2"
600S200-97	6SJW12	22' 11"	20' 10"	18' 1"	20' 0"	18' 1"	15' 10"	16' 10"	15' 4"	13' 5"	15' 10"	14' 5"	12' 7"
600S250-97	6SSW12	24' 5"	22' 2"	19' 5"	21' 4"	19' 5"	16' 11"	18' 0"	16' 4"	14' 4"	16' 11"	15' 5"	13' 5"
800S162-43	8SSJ18	21' 8"	19' 8"	17' 2"	19' 0"	17' 2"	15' 0"	16' 0"	14' 6"	12' 8"	15' 0"	13' 8"	11' 11"
800200-43	8SJW18	22' 7"	20' 7"	18' 0"	19' 10"	18' 0"	15' 8"	16' 8"	15' 2"	13' 2"	15' 8"	14' 4"	12' 6"
800S250-43	8SSW18	23' 8"	21' 6"	18' 10"	20' 8"	18' 10"	16' 5"	17' 6"	15' 11"	13' 11"	16' 5"	14' 11"	13' 0"
800S162-54	8SSJ16	23' 4"	21' 2"	18' 6"	20' 5"	18' 6"	16' 2"	17' 2"	15' 7"	13' 8"	16' 2"	14' 8"	12' 10"
800S200-54	8SJW16	24' 6"	22' 4"	19' 5"	21' 5"	19' 5"	17' 0"	18' 1"	16' 5"	14' 4"	17' 0"	15' 5"	13' 6"
800S250-54	8SSW16	25' 8"	23' 4"	20' 5"	22' 5"	20' 5"	17' 10"	18' 11"	17' 2"	15' 0"	17' 10"	16' 2"	14' 1"
800S162-68	8SSJ14	24' 11"	22' 7"	19' 10"	21' 10"	19' 10"	17' 4"	18' 5"	16' 8"	14' 7"	17' 4"	15' 8"	13' 8"
800S200-68	8SJW14	26' 2"	23' 10"	20' 10"	22' 11"	20' 10"	18' 2"	19' 4"	17' 6"	15' 4"	18' 2"	16' 6"	14' 5"
800S250-68	8SSW14	27' 8"	25' 2"	22' 0"	24' 2"	22' 0"	19' 2"	20' 5"	18' 6"	16' 2"	19' 2"	17' 5"	15' 2"
800S162-97	8SSJ12	27' 2"	24' 8"	21' 7"	23' 10"	21' 7"	18' 11"	20' 1"	18' 2"	15' 11"	18' 11"	17' 1"	15' 0"
800S200-97	8SJW12	28' 10"	26' 1"	22' 10"	25' 1"	22' 10"	20' 0"	21' 2"	19' 4"	16' 10"	20' 0"	18' 1"	15' 10"
800S250-97	8SSW12	30' 7"	27' 10"	24' 4"	26' 8"	24' 4"	21' 2"	22' 7"	20' 6"	17' 11"	21' 2"	19' 4"	16' 10"
1000S162-54	10SSJ16	28' 0"	25' 6"	22' 4"	24' 6"	22' 4"	19' 5"	20' 8"	18' 10"	16' 5"	19' 5"	17' 8"	15' 5"
1000200-54	10SJW16	29' 4"	26' 7"	23' 4"	25' 7"	23' 4"	20' 4"	21' 7"	19' 7"	17' 2"	20' 4"	18' 6"	16' 1"
1000S250-54	10SSW16	30' 7"	27' 10"	24' 4"	26' 8"	24' 4"	21' 2"	22' 7"	20' 6"	17' 11"	21' 2"	19' 4"	16' 10"
1000S162-68	10SSJ14	30' 0"	27' 2"	23' 10"	26' 2"	23' 10"	20' 10"	22' 1"	20' 1"	17' 6"	20' 10"	18' 11"	16' 6"
1000S200-68	10SJW14	31' 5"	28' 6"	24' 11"	27' 5"	24' 11"	21' 10"	23' 1"	21' 0"	18' 5"	21' 10"	19' 10"	17' 4"
1000S250-68	10SSW14	33' 1"	30' 0"	26' 2"	28' 11"	26' 2"	22' 11"	24' 5"	22' 1"	19' 4"	22' 11"	20' 10"	18' 2"
1000S162-97	10SSJ12	32' 10"	29' 10"	26' 0"	28' 8"	26' 0"	22' 8"	24' 2"	22' 0"	19' 2"	22' 8"	20' 8"	18' 1"
1000S200-97	10SJW12	34' 6"	31' 5"	27' 5"	30' 2"	27' 5"	23' 11"	25' 5"	23' 1"	20' 2"	23' 11"	21' 10"	19' 0"
1000S250-97	10SSW12	36' 7"	33' 2"	29' 0"	32' 0"	29' 0"	32' 0"	27' 0"	24' 6"	21' 5"	25' 5"	23' 0"	20' 1"

Flange Width: SSCW=1-1/4", SSC=1-3/8", SSJ=1-5/8", SJW=2" and SSW=2-1/2"

See page 20 for additional table notes.

SUGGESTED DESIGN GUIDES
LIMITING HEIGHTS
$H_{LIM,}$ (FT)
LATERAL LOAD

40 PSF LATERAL LOAD

AISI Designation	Legacy Designation	L/240			L/360			L/600			L/720		
		12”	16”	24”	12”	16”	24”	12”	16”	24”	12”	16”	24”
250S137-33	2-1/2SSC20	7' 0"	6' 4"	5' 6"	6' 1"	5' 6"	4' 10"	5' 1"	4' 8"	4' 1"	4' 10"	4' 5"	3' 10"
250S162-33	2-1/2SSJ20	7' 4"	6' 7"	5' 10"	6' 5"	5' 10"	5' 1"	5' 5"	4' 11"	4' 4"	5' 1"	46' 0"	4' 0"
250S137-43	2-1/2SSC18	7' 7"	6' 11"	6' 0"	6' 7"	6' 0"	5' 2"	5' 7"	5' 1"	4' 5"	5' 2"	4' 10"	4' 2"
250S162-43	2-1/2SSJ18	7' 11"	7' 2"	6' 4"	6' 11"	6' 4"	5' 6"	5' 10"	5' 4"	4' 7"	5' 6"	5' 0"	4' 5"
250S137-54	2-1/2SSC16	8' 1"	7' 5"	6' 5"	7' 1"	6' 5"	5' 7"	6' 0"	5' 5"	4' 8"	5' 7"	5' 1"	4' 6"
250S162-54	2-1/2SSJ16	8' 6"	7' 8"	6' 8"	7' 5"	6' 8"	5' 11"	6' 4"	5' 8"	5' 0"	5' 11"	5' 4"	4' 8"
250S137-68	2-1/2SSC14	8' 7"	7' 10"	6' 10"	7' 6"	6' 10"	5' 11"	6' 4"	5' 8"	5' 0"	5' 11"	5' 5"	4' 8"
250S162-68	2-1/2SSJ14	9' 0"	8' 2"	7' 2"	7' 11"	7' 2"	6' 4"	6' 8"	6' 0"	5' 4"	6' 4"	5' 8"	5' 0"
362S125-33	3-5/8SSCW20	9' 1"	8' 2"	7' 2"	7' 11"	7' 2"	6' 4"	6' 8"	6' 1"	5' 4"	6' 4"	5' 8"	5' 0"
362S137-33	3-5/8SSC20	9' 4"	8' 5"	7' 5"	8' 1"	7' 5"	6' 5"	6' 11"	6' 2"	5' 5"	6' 5"	5' 11"	5' 1"
362S162-33	3-5/8SSJ20	9' 8"	8' 10"	7' 8"	8' 6"	7' 8"	6' 8"	7' 1"	6' 6"	5' 8"	6' 8"	6' 1"	5' 4"
362S137-43	3-5/8SSC18	10' 1"	9' 1"	8' 0"	8' 10"	8' 0"	7' 0"	7' 5"	6' 8"	5' 11"	7' 0"	6' 4"	5' 6"
362S162-43	3-5/8SSJ18	10' 6"	9' 7"	8' 5"	9' 2"	8' 5"	7' 4"	7' 10"	7' 1"	6' 2"	7' 4"	6' 7"	5' 10"
362S200-43	3-5/8SJW18	11' 1"	10' 1"	8' 10"	9' 8"	8' 10"	7' 8"	8' 2"	7' 5"	6' 6"	7' 8"	7' 0"	6' 1"
362S137-54	3-5/8SSC16	10' 10"	9' 10"	8' 7"	9' 5"	8' 7"	7' 6"	8' 0"	7' 2"	6' 4"	7' 6"	6' 10"	5' 11"
362S162-54	3-5/8SSJ16	11' 4"	10' 4"	9' 0"	9' 11"	9' 0"	7' 10"	8' 4"	7' 7"	6' 7"	7' 10"	7' 1"	6' 2"
362S200-54	3-5/8SJW16	12' 0"	10' 11"	9' 6"	10' 6"	9' 6"	8' 4"	8' 10"	8' 0"	7' 0"	8' 4"	7' 6"	6' 7"
362S137-68	3-5/8SSC14	11' 5"	10' 5"	9' 1"	10' 0"	9' 1"	7' 11"	8' 5"	7' 8"	6' 8"	7' 11"	7' 2"	6' 4"
362S162-68	3-5/8SSJ14	12' 1"	11' 0"	9' 7"	10' 6"	9' 7"	8' 5"	8' 11"	8' 1"	7' 0"	8' 5"	7' 7"	6' 7"
362S200-68	3-5/8SJW14	12' 10"	11' 7"	10' 2"	11' 2"	10' 2"	8' 11"	9' 5"	8' 7"	7' 6"	8' 11"	8' 1"	7' 0"
362S200-97	3-5/8SJW12	14' 0"	12' 8"	11' 1"	12' 2"	11' 1"	9' 8"	10' 4"	9' 5"	8' 2"	9' 8"	8' 10"	7' 8"
400S125-33	4SSCW20	9' 10"	8' 11"	7' 10"	8' 7"	7' 10"	6' 10"	7' 2"	6' 7"	5' 8"	6' 10"	6' 2"	5' 5"
400S137-33	4SSC20	10' 0"	9' 1"	8' 0"	8' 10"	8' 0"	7' 0"	7' 5"	6' 8"	5' 11"	7' 0"	6' 4"	5' 6"
400S162-33	4SSJ20	10' 5"	9' 6"	8' 4"	9' 1"	8' 4"	7' 2"	7' 8"	7' 0"	6' 1"	7' 2"	6' 7"	5' 8"
400S137-43	4SSC18	10' 11"	9' 11"	8' 7"	9' 6"	8' 7"	7' 6"	8' 0"	7' 4"	6' 5"	7' 6"	6' 11"	6' 0"
400S162-43	4SSJ18	11' 5"	10' 4"	9' 0"	9' 11"	9' 0"	7' 11"	8' 5"	7' 7"	6' 8"	7' 11"	7' 2"	6' 4"
400S200-43	4SJW18	12' 0"	10' 11"	9' 6"	10' 6"	9' 6"	8' 4"	8' 10"	8' 0"	7' 0"	8' 4"	7' 6"	6' 7"
400S250-43	4SSW18	12' 7"	11' 6"	10' 0"	11' 1"	10' 0"	8' 10"	9' 4"	8' 6"	7' 5"	8' 10"	8' 0"	7' 0"
400S137-54	4SSC16	11' 8"	10' 7"	9' 4"	10' 2"	9' 4"	8' 1"	8' 7"	7' 10"	6' 10"	8' 1"	74' 0"	6' 5"
400S162-54	4SSJ16	12' 2"	11' 1"	9' 8"	10' 8"	9' 8"	8' 6"	9' 0"	8' 2"	7' 1"	8' 6"	7' 8"	6' 8"
400S200-54	4SJW16	12' 11"	11' 8"	10' 4"	11' 4"	10' 4"	9' 0"	9' 6"	8' 8"	7' 7"	9' 0"	8' 1"	7' 1"
400S250-54	4SSW16	13' 7"	12' 5"	10' 10"	11' 11"	10' 10"	9' 6"	10' 1"	9' 1"	8' 0"	9' 6"	8' 7"	7' 6"
400S137-68	4SSC14	12' 5"	11' 2"	9' 10"	10' 10"	9' 10"	8' 7"	9' 1"	8' 4"	7' 2"	8' 7"	7' 10"	6' 10"
400S162-68	4SSJ14	13' 0"	11' 10"	10' 4"	11' 5"	10' 4"	9' 0"	9' 7"	8' 8"	7' 7"	9' 0"	8' 2"	7' 2"
400S200-68	4SJW14	13' 10"	12' 6"	11' 0"	12' 1"	11' 0"	9' 7"	10' 2"	9' 2"	8' 1"	9' 7"	8' 8"	7' 7"
400S250-68	4SSW14	14' 8"	13' 4"	11' 8"	12' 10"	11' 8"	10' 2"	10' 10"	9' 10"	8' 7"	10' 2"	9' 2"	8' 1"
400S200-97	4SJW12	15' 1"	13' 8"	12' 0"	13' 2"	12' 0"	10' 6"	11' 1"	10' 1"	8' 10"	10' 6"	9' 6"	8' 4"
400S250-97	4SSW12	16' 2"	14' 8"	12' 11"	14' 2"	12' 11"	11' 2"	11' 11"	10' 10"	9' 6"	11' 2"	10' 2"	8' 11"

AISI Designation	Legacy Designation	L/240			L/360			L/600			L/720		
		12”	16”	24”	12”	16”	24”	12”	16”	24”	12”	16”	24”
600S125-33	6SSCW20	13' 6"	12' 4"	10' 6"	11' 10"	10' 8"	9' 5"	10' 0"	9' 1"	7' 11"	9' 5"	8' 6"	7' 5"
600S137-33	6SSC20	13' 10"	12' 7"	10' 11"	12' 1"	11' 0"	9' 7"	10' 2"	9' 4"	8' 1"	9' 7"	8' 8"	7' 7"
600S162-33	6SSJ20	14' 4"	13' 0"	11' 4"	12' 6"	11' 5"	9' 11"	10' 7"	9' 7"	8' 5"	9' 11"	9' 0"	7' 11"
600S137-43	6SSC18	15' 0"	13' 7"	11' 11"	13' 1"	11' 11"	10' 5"	11' 1"	10' 0"	8' 10"	10' 5"	9' 6"	8' 4"
600S162-43	6SSJ18	15' 7"	14' 2"	12' 5"	13' 8"	12' 5"	10' 10"	11' 6"	10' 6"	9' 1"	10' 10"	9' 11"	8' 7"
600S200-43	6SJW18	16' 5"	14' 11"	13' 0"	14' 4"	13' 0"	11' 5"	12' 1"	11' 0"	9' 7"	11' 5"	10' 4"	9' 0"
600S250-43	6SSW18	17' 2"	15' 7"	13' 8"	15' 0"	13' 8"	11' 11"	12' 8"	11' 6"	10' 1"	11' 11"	10' 10"	9' 6"
600S137-54	6SSC16	16' 1"	14' 8"	12' 10"	14' 1"	12' 10"	11' 2"	11' 11"	10' 10"	9' 5"	11' 2"	10' 2"	8' 11"
600S162-54	6SSJ16	16' 10"	15' 4"	13' 5"	14' 8"	13' 5"	11' 8"	12' 5"	11' 4"	9' 10"	11' 8"	10' 7"	9' 4"
600S200-54	6SJW16	17' 8"	16' 1"	14' 1"	15' 6"	14' 1"	12' 4"	13' 1"	11' 11"	10' 5"	12' 4"	11' 2"	9' 10"
600S250-54	6SSW16	18' 7"	16' 11"	14' 10"	16' 4"	14' 10"	12' 11"	13' 8"	12' 6"	10' 11"	12' 11"	11' 8"	10' 4"
600S137-68	6SSC14	17' 1"	15' 7"	13' 7"	15' 0"	13' 7"	11' 11"	12' 7"	11' 6"	10' 0"	11' 11"	10' 10"	9' 5"
600S162-68	6SSJ14	17' 11"	16' 4"	14' 0"	15' 8"	14' 2"	12' 5"	13' 2"	12' 0"	10' 6"	12' 5"	11' 4"	9' 11"
600S200-68	6SJW14	18' 11"	17' 2"	15' 0"	16' 7"	15' 0"	13' 1"	14' 0"	12' 8"	11' 1"	13' 1"	11' 11"	10' 5"
600S250-68	6SSW14	20' 1"	18' 4"	15' 11"	17' 6"	15' 11"	13' 11"	14' 10"	13' 5"	11' 8"	13' 11"	12' 8"	11' 1"
600S200-97	6SJW12	20' 10"	18' 11"	16' 6"	18' 1"	16' 6"	14' 5"	15' 4"	13' 11"	12' 1"	14' 5"	13' 1"	11' 5"
600S250-97	6SSW12	22' 2"	20' 2"	17' 7"	19' 5"	17' 7"	15' 5"	16' 4"	14' 11"	13' 0"	15' 5"	14' 0"	12' 2"
800S162-43	8SSJ18	19' 8"	17' 11"	15' 7"	17' 2"	15' 7"	13' 8"	14' 6"	13' 2"	11' 6"	13' 8"	12' 5"	10' 10"
800200-43	8SJW18	20' 7"	18' 8"	16' 4"	18' 0"	16' 4"	14' 4"	15' 2"	13' 10"	12' 0"	14' 4"	13' 0"	11' 4"
800S250-43	8SSW18	21' 6"	19' 7"	17' 1"	18' 10"	17' 1"	14' 11"	15' 11"	14' 5"	12' 7"	14' 11"	13' 7"	11' 10"
800S162-54	8SSJ16	21' 2"	19' 4"	16' 10"	18' 6"	16' 10"	14' 8"	15' 7"	14' 2"	12' 5"	14' 8"	13' 5"	11' 8"
800S200-54	8SJW16	22' 4"	20' 2"	17' 8"	19' 5"	17' 8"	15' 5"	16' 5"	14' 11"	13' 0"	15' 5"	14' 0"	12' 2"
800S250-54	8SSW16	23' 4"	21' 2"	18' 6"	20' 5"	18' 6"	16' 2"	17' 2"	15' 7"	13' 7"	16' 2"	14' 8"	12' 10"
800S162-68	8SSJ14	22' 7"	20' 7"	18' 0"	19' 10"	18' 0"	15' 8"	16' 8"	15' 2"	13' 2"	15' 8"	14' 4"	12' 6"
800S200-68	8SJW14	23' 10"	21' 7"	18' 11"	20' 10"	18' 11"	16' 6"	17' 6"	15' 11"	13' 11"	16' 6"	15' 0"	13' 1"
800S250-68	8SSW14	25' 2"	22' 11"	20' 0"	22' 0"	20' 0"	17' 5"	18' 6"	16' 10"	14' 8"	17' 5"	15' 11"	13' 10"
800S162-97	8SSJ12	24' 8"	22' 6"	9' 7"	21' 7"	19' 7"	17' 1"	18' 2"	16' 7"	14' 6"	17' 1"	15' 7"	13' 7"
800S200-97	8SJW12	26' 1"	23' 10"	20' 10"	22' 10"	20' 10"	18' 1"	19' 4"	17' 6"	15' 4"	18' 1"	16' 6"	14' 5"
800S250-97	8SSW12	27' 10"	25' 4"	22' 1"	24' 4"	22' 1"	19' 4"	20' 6"	18' 7"	16' 4"	19' 4"	17' 6"	15' 4"
1000S162-54	10SSJ16	25' 6"	23' 1"	20' 2"	22' 4"	20' 2"	17' 8"	18' 10"	17' 1"	14' 11"	17' 8"	16' 1"	14' 0"
1000200-54	10SJW16	26' 7"	24' 2"	21' 1"	23' 4"	21' 1"	18' 6"	19' 7"	17' 10"	15' 7"	18' 6"	16' 10"	14' 8"
1000S250-54	10SSW16	27' 10"	25' 4"	22' 1"	24' 4"	22' 1"	19' 4"	20' 6"	18' 7"	16' 4"	19' 4"	17' 6"	15' 4"
1000S162-68	10SSJ14	27' 2"	24' 8"	21' 7"	23' 10"	21' 7"	18' 11"	20' 1"	18' 2"	15' 11"	18' 11"	17' 2"	15' 0"
1000S200-68	10SJW14	28' 6"	25' 11"	22' 7"	24' 11"	22' 7"	19' 10"	21' 0"	19' 1"	16' 8"	19' 10"	18' 0"	15' 8"
1000S250-68	10SSW14	30' 0"	27' 4"	23' 10"	26' 2"	23' 10"	20' 10"	22' 1"	20' 1"	17' 7"	20' 10"	18' 11"	16' 6"
1000S162-97	10SSJ12	29' 10"	27' 1"	23' 8"	26' 0"	23' 8"	20' 8"	22' 0"	20' 0"	17' 5"	20' 8"	18' 10"	16' 5"
1000S200-97	10SJW12	31' 5"	28' 6"	24' 11"	27' 5"	24' 11"	21' 10"	23' 1"	21' 0"	18' 4"	21' 10"	19' 10"	17' 4"
1000S250-97	10SSW12	33' 2"	30' 2"	26' 5"	29' 0"	26' 5"	23' 0"	24' 6"	22' 4"	19' 5"	23' 0"	20' 11"	18' 4"

Flange Width: SSCW=1-1/4”, SSC=1-3/8”, SSJ=1-5/8”, SJW=2” and SSW=2-1/2”

See page 20 for additional table notes.

SUGGESTED DESIGN GUIDES
ALLOWABLE AXIAL LOAD CAPACITIES
BRACED STUDS SUBJECTED TO LATERAL LOAD
P_{ALLOW}, KIPS (1,000 LBS) PER STUD

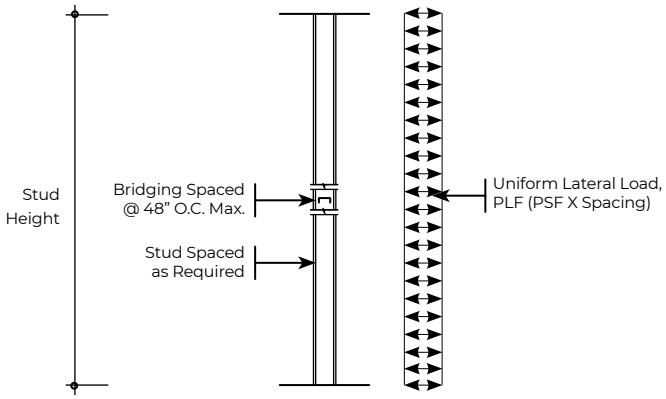
USE:

Tables allow for the selection of an axially loaded stud in the absence or presence of bending due to lateral load. The values assume the studs are typically bridged at intervals not to exceed 48" on center with alternative labor saving values published for 9 and 10 foot high walls where a single row of bridging at mid-height of the wall would suffice.

Select a stud, based on applied lateral load, spacing and height providing an allowable axial load in excess of the applied load.

NOTES:

1. The tabulated values represent the least allowable axial load of the stud in the presence of lateral load or in the absence of lateral load.
2. Values shown are limited to studs used in a simply supported application. Conditions involving cantilevers, concentrated loads, eccentricities, multiple spans, etc. should be investigated separately. The values assume the axial load is applied concentrically to the member.
3. Values are based on the installation of mechanical bridging spaced at intervals not to exceed 48" on center (columns denoted 48) with the exception of the columns entitled 9FT/MID and 10FT/MID where a single row of bridging may be installed at mid-height of the wall.
4. Stud ends shall be restrained against twisting (torsion) by means of a fixed attachment to each side of continuous track.



Deflections due to lateral load meet L/720 unless noted as follows:
a. values followed by the subscript 6 (x.xx6) meet L/600 deflection
b. values followed by the subscript 3 (x.xx3) meet L/360 deflection
c. values followed by the subscript 2 (x.xx2) meet L/240 deflection
d. values have been omitted where deflection exceeds L/240 deflection
Lateral load deflections were calculated without regard to the composite contribution of sheathing or finishes.

5. Contact Super Stud for axial load capacities of sections not shown herein.

Note: All tables based on Fy=50 KSI for 54, 68, and 97 mil material, Fy=33 KSI for 33 and 43 mil material.

SUGGESTED DESIGN GUIDES
ALLOWABLE AXIAL LOAD CAPACITIES
BRACED STUDS SUBJECTED TO LATERAL LOAD
KIPS (1,000 LBS) PER STUD

5 PSF

AISI Designation	Legacy Designation	BRIDGING SPACED 48" ON CENTER															
		8FT		9FT		10FT		11FT		12FT		14FT		16FT		18FT	
		16"	24"	16"	24"	16"	24"	16"	24"	16"	24"	16"	24"	16"	24"	16"	24"
350S137-33	3-1/2SSC20	1.85	1.85	1.79	1.72	1.72	1.49[c]	1.52	1.25[b]	1.30[c]	1.02[b]	0.90[b]	0.61[a]	0.59[a]			
350S162-33	3-1/2SSJ20	2.19	2.19	2.11	2.11	2.02	1.86	1.87	1.59[c]	1.61[c]	1.32[b]	1.14[b]	0.84[a]	0.78[a]			
350S137-43	3-1/2SSC18	2.49	2.49	2.42	2.42	2.32	2.19	2.19	1.88[c]	1.90	1.58[b]	1.37[b]	1.04[a]	0.94[a]			
350S162-43	3-1/2SSJ18	3.03	3.03	2.92	2.92	2.80	2.80	2.65	2.45	2.43	2.09[c]	1.78[b]	1.43[b]	1.26[b]	0.93[a]	0.88[a]	
350S137-54	3-1/2SSC16	3.67	3.67	3.45	3.45	3.20	3.20	2.94	2.94	2.69	2.56[c]	2.13[c]	1.83[b]	1.57[b]	1.28[a]	1.15[a]	
350S162-54	3-1/2SSJ16	4.60	4.60	4.27	4.27	3.93	3.93	3.57	3.57	3.23	3.23	2.64[c]	2.38[b]	2.01[b]	1.71[a]	1.51[a]	
350S137-68	3-1/2SSC14	4.41	4.41	4.13	4.13	3.83	3.83	3.52	3.52	3.21	3.19	2.64	2.32[b]	1.97[b]	1.65[a]	1.47[a]	
350S162-68	3-1/2SSJ14	5.61	5.61	5.19	5.19	4.74	4.74	4.30	4.30	3.90	3.90	3.18	3.04[b]	2.55[b]	2.23[b]	1.94[b]	1.64[a]
362S137-33	3-5/8SSC20	1.89	1.89	1.84	1.81	1.78	1.58	1.61	1.35[b]	1.40[c]	1.11[b]	0.99[b]	0.69[a]	0.66[a]			
362S162-33	3-5/8SSJ20	2.24	2.24	2.17	2.17	2.09	1.97	1.98	1.70[c]	1.73	1.43[b]	1.25	0.94[a]	0.87[a]			
362S137-43	3-5/8SSC18	2.56	2.56	2.49	2.49	2.40	2.32	2.30	2.02	2.05	1.72[b]	1.50[b]	1.16[a]	1.05[a]	0.72[a]		
362S162-43	3-5/8SSJ18	3.11	3.11	3.01	3.01	2.90	2.90	2.76	2.61	2.60	2.25[c]	1.94[c]	1.58[b]	1.40[b]	1.05[a]	0.99[a]	
362S200-43	3-5/8SJW18	3.74	3.74	3.62	3.62	3.47	3.47	3.31	3.30	3.12	2.89	2.48[c]	2.09[b]	1.82[b]	1.45[a]	1.33[a]	
362S137-54	3-5/8SSC16	3.84	3.84	3.63	3.63	3.40	3.40	3.16	3.16	2.91	2.81[c]	2.35[c]	2.03[b]	1.74[b]	1.43[a]	1.29[a]	
362S162-54	3-5/8SSJ16	4.81	4.81	4.51	4.51	4.17	4.17	3.83	3.83	3.50	3.50	2.87	2.62[b]	2.22[b]	1.90[a]	1.67[a]	
362S200-54	3-5/8SJW16	6.20	6.20	5.80	5.80	5.34	5.34	4.84	4.84	4.38	4.38	3.56	3.46[c]	2.88[c]	2.55[b]	2.20[b]	1.88[a]
362S137-68	3-5/8SSC14	4.68	4.68	4.41	4.41	4.10	4.10	3.79	3.79	3.47	3.47	2.88	2.56[b]	2.18[b]	1.84[a]	1.63[b]	1.31[a]
362S162-68	3-5/8SSJ14	5.97	5.97	5.57	5.57	5.11	5.11	4.65	4.65	4.22	4.22	3.46	3.35[c]	2.81[c]	2.47[b]	2.15[b]	1.82[a]
362S200-68	3-5/8SJW14	7.68	7.68	7.15	7.15	6.54	6.54	5.89	5.89	5.29	5.29	4.29	4.29	3.51	3.30[b]	2.83[b]	2.49[a]
362S200-97	3-5/8SJW12	9.81	9.81	9.13	9.13	8.34	8.34	7.53	7.53	6.79	6.79	5.52	5.52	4.51	4.51[c]	3.73[c]	3.50[b]
400S137-33	4SSC20	2.00	2.00	1.96	1.96	1.91	1.83	1.86	1.61	1.67	1.38[b]	1.26[b]	0.95[a]	0.89[a]	0.60[a]		
400S162-33	4SSJ20	2.36	2.36	2.31	2.31	2.25	2.25	2.18	2.01	2.05	1.75[c]	1.58[b]	1.25[b]	1.14[b]	0.81[a]	0.80[a]	
400S137-43	4SSC18	2.71	2.71	2.66	2.66	2.60	2.60	2.52	2.39	2.43	2.10[c]	1.90[c]	1.52[b]	1.39[b]	1.02[a]	0.99[a]	
400S162-43	4SSJ18	3.29	3.29	3.22	3.22	3.13	3.13	3.03	3.03	2.91	2.71	2.42	2.03[b]	1.82[b]	1.43[a]	1.33[b]	0.96[a]
400S200-43	4SJW18	3.96	3.96	3.86	3.86	3.75	3.75	3.62	3.62	3.47	3.42	3.05	2.64[c]	2.34[c]	1.92[b]	1.74[b]	1.34[a]
400S137-54	4SSC16	4.25	4.25	4.09	4.09	3.89	3.89	3.66	3.66	3.42	3.42	2.94	2.63[b]	2.30[b]	1.94[b]	1.74[b]	1.39[a]
400S162-54	4SSJ16	5.31	5.31	5.09	5.09	4.82	4.82	4.50	4.50	4.15	4.15	3.50	3.36[c]	2.88[c]	2.52[b]	2.22[b]	1.87[a]
400S200-54	4SJW16	6.80	6.80	6.49	6.49	6.13	6.13	5.70	5.70	5.22	5.22	4.33	4.33	3.60	3.32[b]	2.88[b]	2.51[a]
400S137-68	4SSC14	5.36	5.36	5.16	5.16	4.91	4.91	4.63	4.63	4.29	4.29	3.62	3.38[c]	2.88[c]	2.48[b]	2.19[b]	1.81[a]
400S162-68	4SSJ14	6.77	6.77	6.49	6.49	6.14	6.14	5.72	5.72	5.27	5.27	4.36	4.36	3.60	3.28[b]	2.84[b]	2.45 [b]
400S200-68	4SJW14	8.60	8.60	8.21	8.21	7.75	7.75	7.21	7.21	6.59	6.59	5.40	5.40	4.42	4.32[c]	3.66[c]	3.29[b]
400S200-97	4SJW12	11.37	11.37	10.81	10.81	10.14	10.14	9.37	9.37	8.51	8.51	6.96	6.96	5.71	5.71	4.73	4.60[b]
550S137-33	5-1/2SSC20	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.07	1.79	1.77	1.42[b]	1.43[b]	1.04[a]
550S162-33	5-1/2SSJ20	2.59	2.59	2.58	2.58	2.56	2.56	2.54	2.54	2.51	2.51	2.43	2.23	2.17	1.81[b]	1.79[b]	1.38[b]
550S137-43	5-1/2SSC18	2.87	2.87	2.87	2.87	2.87	2.87	2.87	2.87	2.87	2.87	2.84	2.69	2.63	2.22[c]	2.19[c]	1.73[b]
550S162-43	5-1/2SSJ18	3.67	3.67	3.64	3.64	3.61	3.61	3.57	3.57	3.53	3.53	3.40	3.40	3.22	2.87	2.77	2.30[b]
550S137-54	5-1/2SSC16	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.48	4.48	4.08	3.98	3.61	3.17[b]
550S162-54	5-1/2SSJ16	6.32	6.32	6.24	6.24	6.15	6.15	6.03	6.03	5.89	5.89	5.49	5.49	4.96	4.96	4.31	4.08[c]
550S137-68	5-1/2SSC14	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.25	5.25	4.66	4.24[c]
550S162-68	5-1/2SSJ14	8.07	8.07	8.07	8.07	7.97	7.97	7.82	7.82	7.63	7.63	7.13	7.13	6.44	6.44	5.61	5.52
600S137-33	6SSC20	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	1.95	1.98	1.65[c]	1.67[c]	1.29[b]
600S162-33	6SSJ20	2.61	2.61	2.61	2.61	2.61	2.61	2.59	2.59	2.57	2.57	2.51	2.45	2.42	2.07[c]	2.06	1.66[b]
600S137-43	6SSC18	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.52	2.52	2.07[b]
600S162-43	6SSJ18	3.69	3.69	3.69	3.69	3.69	3.69	3.66	3.66	3.62	3.62	3.53	3.53	3.39	3.23	3.16	2.70[c]
600S200-43	62JW18	4.48	4.48	4.45	4.45	4.42	4.42	4.39	4.39	4.34	4.34	4.20	4.20	4.02	4.02	3.80	3.43
600S137-54	6SSC16	4.42	4.42	4.42	4.42	4.42	4.42	4.42	4.42	4.42	4.42	4.42	4.42	4.42	4.42	4.07	3.80[c]
600S162-54	6SSJ16	6.31	6.31	6.31	6.31	6.31	6.31	6.27	6.27	6.16	6.16	5.87	5.87	5.45	5.45	4.91	4.89
600S200-54	6SJW16	8.28	8.28	8.18	8.18	8.07	8.07	7.92	7.92	7.75	7.75	7.31	7.31	6.75	6.75	6.07	6.07
600S137-68	6SSC14	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.05
600S162-68	6SSJ14	8.05	8.05	8.05	8.05	8.05	8.05	8.05	8.05	8.01	8.01	7.64	7.64	7.10	7.10	6.40	6.40
600S200-68	6SJW14	10.69	10.69	10.57	10.57	10.42	10.42	10.24	10.24	10.03	10.03	9.47	9.47	8.75	8.75	7.87	7.87
600S200-97	6SJW12	15.49	15.49	15.34	16.34	15.14	15.14	14.90	14.90	14.60	14.60	13.81	13.81	12.76	12.76	11.47	11.47
800S162-43	8SSJ18	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62
800S200-43	8SJW18	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.52	4.52	4.45	4.45	4.35	4.35
800S162-54	8SSJ16	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10
800S200-54	8SJW16	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.33	8.33	8.08	8.08	7.73	7.73
800S162-68	8SSJ14	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76
800S200-68	8SJW14	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.81	10.81	10.48	10.48	10.05	10.05
800S162-97	8SSJ12	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15
800S200-97	8SJW12	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.41	15.41	14.80	14.80

AISI Designation	Legacy Designation	BRIDGING AT MID-HEIGHT			
		9FT		10FT	
		16"	24"	16"	24"
350S137-33	3-1/2SSC20	1.61	1.54	1.36	1.15[c]
350S162-33	3-1/2SSJ20	1.94	1.94	1.66	1.53
350S137-43	3-1/2SSC18	2.19	2.19	1.86	1.73
350S162-43	3-1/2SSJ18	2.70	2.70	2.34	2.34
350S137-54	3-1/2SSC16	2.98	2.98	2.48	2.48
350S162-54	3-1/2SSJ16	3.74	3.74	3.08	3.08
350S137-68	3-1/2SSC14	3.63	3.63	3.07	3.07
350S162-68	3-1/2SSJ14	4.56	4.56	3.79	3.79
362S137-33	3-5/8SSC20	1.67	1.62	1.42	1.23
362S162-33	3-5/8SSJ20	2.00	2.00	1.74	1.63
362S137-43	3-5/8SSC18	2.26	2.26	1.94	1.84
362S162-43	3-5/8SSJ18	2.80	2.80	2.45	2.45
362S200-43	3-5/8SJW18	3.40	3.40	3.02	3.02
362S137-54	3-5/8SSC16	3.17	3.17	2.64	2.64
362S162-54	3-5/8SSJ16	3.96	3.96	3.30	3.30
362S200-54	3-5/8SJW16	5.21	5.21	4.32	4.32
362S137-68	3-5/8SSC14	3.85	3.85	3.25	3.25
362S162-68	3-5/8SSJ14	4.87	4.87	4.05	4.05
362S200-68	3-5/8SJW14	6.37	6.37	5.22	5.22
362S200-97	3-5/8SJW12	8.20	8.20	6.85	6.85
400S137-33	4SSC20	1.80	1.80	1.57	1.46
400S162-33	4SSJ20	2.16	2.16	1.93	1.91
400S137-43	4SSC18	2.45	2.45	2.15	2.15
400S162-43	4SSJ18	3.02	3.02	2.72	2.72
400S200-43	4SJW18	3.67	3.67	3.34	3.34
400S137-54	4SSC16	3.55	3.55	3.00	3.00
400S162-54	4SSJ16	4.53	4.53	3.80	3.80
400S200-54	4SJW16	5.95	5.95	5.02	5.02
400S137-68	4SSC14	4.40	4.40	3.56	3.56
400S162-68	4SSJ14	5.80	5.80	4.35	4.85
400S200-68	4SJW14	7.52	7.52	6.35	6.35
400S200-97	4SJW12	8.86	9.86	8.31	8.31
550S137-33	5-1/2SSC20	1.93	1.93	1.71	1.71
550S162-33	5-1/2SSJ20	2.47	2.47	2.30	2.30
550S137-43	5-1/2SSC18	2.60	2.60	2.29	2.29
550S162-43	5-1/2SSJ18	3.47	3.47	3.24	3.24
550S137-54	5-1/2SSC16	3.73	3.73	3.12	3.12
550S162-54	5-1/2SSJ16	5.75	5.75	5.08	5.08
550S137-68	5-1/2SSC14	4.38	4.38	3.67	3.67
550S162-68	5-1/2SSJ14	7.25	7.25	6.32	6.32
600S137-33	6SSC20	1.91	1.91	1.68	1.68
600S162-33	6SSJ20	2.49	2.49	2.32	2.32
600S137-43	6SSC18	2.57	2.57	2.25	2.25
600S162-43	6SSJ18	3.48	3.48	3.25	3.25
600S200-43	62JW18	4.32	4.32	4.12	4.12
600S137-54	6SSC16	3.65	3.65	3.07	3.07
600S162-54	6SSJ16	5.71	5.71	5.02	5.02
600S200-54	6SJW16	7.77	7.77	7.21	7.21
600S137-68	6SSC14	4.31	4.31	3.63	3.63
600S162-68	6SSJ14	7.20	7.20	6.24	6.24
600S200-68	6SJW14	10.03	10.03	9.31	9.31
600S200-97	6SJW12	14.53	14.53	13.49	13.49
800S162-43	8SSJ18	3.40	3.40	3.14	3.14
800S200-43	8SJW18	4.42	4.42	4.24	4.24
800S162-54	8SSJ16	5.42	5.42	4.65	4.65
800S200-54	8SJW16	8.03	8.03	7.51	7.51
800S162-68	8SSJ14	6.81	6.81	5.77	5.77
800S200-68	8SJW14	10.31	10.31	9.60	9.60
800S162-97	8SSJ12	8.44	8.44	7.11	7.11
800S200-97	8SJW12	14.54	14.54	13.31	13.31

Superscripts:
a meets L/240 deflection
b meets L/360 deflection
c meets L/600 deflection
No superscript: meets L/720 deflection

Flange Width: SSC=1 3/8", SSJ=1-5/8", SJW=2" and SSW=2-1/2"

See page 28 for additional table notes.

SUGGESTED DESIGN GUIDES
ALLOWABLE AXIAL LOAD CAPACITIES
BRACED STUDS SUBJECTED TO LATERAL LOAD
KIPS (1,000 LBS) PER STUD

20 PSF

AISI Designation	Legacy Designation	BRIDGING SPACED 48" ON CENTER															
		8FT		9FT		10FT		11FT		12FT		14FT		16FT		18FT	
		16"	24"	16"	24"	16"	24"	16"	24"	16"	24"	16"	24"	16"	24"	16"	24"
350S137-33	3-1/2SSC20	1.18[b]	0.65[a]	0.84[b]	0.25[a]	0.51[a]											
350S162-33	3-1/2SSJ20	1.58[b]	1.03[b]	1.20[b]	0.57[a]	0.83[a]											
350S137-43	3-1/2SSC18	1.90[c]	1.31[b]	1.48[b]	0.81[a]	1.07[a]	0.69[a]										
350S162-43	3-1/2SSJ18	2.59	1.97[b]	2.11[b]	1.40[a]	1.64[b]	0.88[a]	1.19[a]									
350S137-54	3-1/2SSC16	3.54	2.96[b]	2.96[b]	2.31[b]	2.39[b]	1.70[a]	1.88[a]	1.42[a]								
350S162-54	3-1/2SSJ16	4.60	4.13[c]	4.01[c]	3.33[b]	3.31[b]	2.58[a]	2.66[b]	1.92[a]	2.10[a]							
350S137-68	3-1/2SSC14	4.41	3.83[c]	3.77[c]	3.06[b]	3.11[b]	2.35[a]	2.49[b]	1.71[a]	1.95[a]							
350S162-68	3-1/2SSJ14	5.61	5.39	5.16	4.43[b]	4.31[b]	3.53[b]	3.54[b]	2.74[a]	2.86[a]							
362S137-33	3-5/8SSC20	1.27[b]	0.75[b]	0.93[b]	0.34[a]	0.60[a]											
362S162-33	3-5/8SSJ20	1.69[c]	1.14[b]	1.31[b]	0.68[a]	0.93[a]	0.59[a]										
362S137-43	3-5/8SSC18	2.03[c]	1.43[b]	1.61[b]	.93[a]	1.20[b]	0.46[a]	0.81[a]									
362S162-43	3-5/8SSJ18	2.73	2.12[b]	2.26[b]	1.56[b]	1.79[b]	1.02[a]	1.34[a]	0.93[a]								
362S200-43	3-5/8SJW18	3.54	2.90[c]	3.02[c]	2.28[b]	2.48[b]	1.67[a]	1.96[b]	1.10[a]	1.48[a]							
362S137-54	3-5/8SSC16	3.78	3.19[b]	3.20[c]	2.53[b]	2.63[b]	1.91[a]	2.10[a]	1.62[a]								
362S162-54	3-5/8SSJ16	4.81	4.42[c]	4.32[c]	3.62[b]	3.60[b]	2.85[a]	2.94[b]	2.17[a]	2.35[a]							
362S200-54	3-5/8SJW16	6.20	6.12	5.80	5.14[b]	4.98[c]	4.16[b]	4.11[b]	3.27[a]	3.35[a]							
362S137-68	3-5/8SSC14	4.68	4.16[c]	4.11	3.38[b]	3.42[b]	2.63[a]	2.77[b]	1.96[a]	2.19[a]							
362S162-68	3-5/8SSJ14	5.97	5.83	5.57	4.86[b]	4.73[c]	3.92[b]	3.91[b]	3.07[a]	3.19[b]	2.35[a]						
362S200-68	3-5/8SJW14	7.68	7.68	7.15	6.83[c]	6.51	5.64[b]	5.43[b]	4.54[b]	4.49[b]	3.60[a]	3.02[a]					
362S200-97	3-5/8SJW12	9.81	9.81	9.13	9.13	8.34	7.95[c]	7.53	6.58[b]	6.37[b]	5.38[b]	4.47[a]	3.10[a]				
400S137-33	4SSC20	1.52[c]	1.01[b]	1.19[b]	0.60[a]	0.86[b]	0.21[a]	0.54[a]									
400S162-33	4SSJ20	1.97	1.44[b]	1.61[b]	0.99[b]	1.24[b]	0.56[a]	0.88[a]									
400S137-43	4SSC18	2.35	1.78[c]	1.96[c]	1.29[b]	1.56[b]	0.81[a]	1.16[a]	0.78[a]								
400S162-43	4SSJ18	3.10	2.52[c]	2.67	1.98[b]	2.22[b]	1.44[a]	1.77[b]	0.93[a]	1.33[a]							
400S200-43	4SJW18	3.96	3.37	3.49	2.77[b]	2.98[c]	2.17[b]	2.47[b]	1.58[a]	1.97[a]							
400S137-54	4SSC16	4.25	3.82	3.86	3.18[b]	3.28[b]	2.53[b]	2.71[b]	1.91[a]	2.18[a]							
400S162-54	4SSJ16	5.31	5.19	5.09	4.44[c]	4.46[c]	3.67[b]	3.75[b]	2.91[a]	3.09[b]	2.23[a]						
400S200-54	4SJW16	6.80	6.80	6.49	6.15[c]	6.05	5.20[b]	5.18[b]	4.27[b]	4.33[b]	3.40[a]	2.92[a]					
400S137-68	4SSC14	5.36	5.07	5.08	4.31[c]	4.38[c]	3.52[b]	3.68[b]	2.76[a]	3.01[b]	2.07[a]	1.87[a]					
400S162-68	4SSJ14	6.77	6.77	6.49	6.05	5.99	5.10[b]	5.11[b]	4.17[b]	4.27[b]	3.31[a]	2.85[a]					
400S200-68	4SJW14	8.60	8.60	8.21	8.21	7.75	7.12[c]	6.98[c]	5.97[b]	5.91[b]	4.88[b]	4.09[a]					
400S200-97	4SJW12	11.37	11.37	10.81	10.81	10.14	10.12	9.37	8.63[c]	8.32[c]	7.19[b]	5.96[b]	4.85[a]	4.23[a]			
550S137-33	5-1/2SSC20	2.07	1.71	1.86	1.41[c]	1.63	1.08[b]	1.37[b]	0.74[b]	1.10[b]	0.39[a]	0.54[a]					
550S162-33	5-1/2SSJ20	2.59	2.27	2.42	1.93	2.15	1.57[b]	1.86[c]	1.19[b]	1.55[b]	0.80[a]	0.92[a]					
550S137-43	5-1/2SSC18	2.87	2.61	2.77	2.28	2.51	1.91[c]	2.22	1.52[b]	1.91[b]	1.11[b]	1.25[a]	0.59[a]				
550S162-43	5-1/2SSJ18	3.67	3.60	3.64	3.21	3.43	2.79	3.08	2.33[b]	2.71[c]	1.86[b]	1.93[b]	0.94[a]	1.18			
550S137-54	5-1/2SSC16	4.50	4.50	4.50	4.48	4.50	4.09	4.38	3.66[c]	4.04[c]	3.20[b]	3.25[b]	2.22[a]	2.28[a]			
550S162-54	5-1/2SSJ16	6.32	6.32	6.24	6.24	6.15	6.05	6.03	5.44[c]	5.70	4.79[b]	4.52[b]	3.45[a]	3.34[a]			
550S137-68	5-1/2SSC14	5.32	5.32	5.32	5.32	5.32	5.13	5.32	4.67	5.06	4.17[b]	4.22[b]	3.11[a]	3.27[a]	2.21[a]		
550S162-68	5-1/2SSJ14	8.07	8.07	8.07	8.07	7.97	7.97	7.82	7.51	7.63	6.72[c]	6.30[c]	5.07[b]	4.80[b]	3.51[a]	3.46[a]	
600S137-33	6SSC20	2.10	1.83	1.96	1.56	1.76	1.27[c]	1.53[c]	0.96[b]	1.29[b]	0.64[b]	0.78[a]					
600S162-33	6SSJ20	2.61	2.43	2.58	2.14	2.34	1.82[c]	2.08	1.46[b]	1.80[c]	1.10[b]	1.21[b]	0.36[a]	0.62[a]			
600S137-43	6SSC18	2.85	2.74	2.85	2.45	2.66	2.13	2.41	1.78[c]	2.14[c]	1.40[b]	1.54[b]	0.63[a]	0.92[a]			
600S162-43	6SSJ18	3.69	3.69	3.69	3.46	3.68	3.10	3.37	2.69[c]	3.04	2.25[b]	2.32[b]	1.35[a]	1.58[a]			
600S200-43	62JW18	4.48	4.48	4.45	4.44	4.42	4.04	4.31	3.60	3.95	3.12[c]	3.14[b]	2.13[b]	2.31[b]	1.17[a]	1.53[a]	
600S137-54	6SSC16	4.42	4.42	4.42	4.42	4.42	4.28	4.42	3.91	4.25	3.51[b]	3.58[b]	2.63[b]	2.84[b]	1.73[a]	1.97[a]	
600S162-54	6SSJ16	6.31	6.31	6.31	6.31	6.31	6.31	6.27	6.01	6.16	5.43[c]	5.22[c]	4.17[b]	4.09[b]	2.92[a]	3.00[a]	
600S200-54	6SJW16	8.28	8.28	8.18	8.18	8.07	8.07	7.92	7.92	7.75	7.42	7.03	5.92[b]	5.65[b]	4.42[a]	4.33[a]	
600S137-68	6SSC14	5.23	5.23	5.23	5.23	5.23	5.23	5.23	4.91	5.23	4.49[c]	4.55[c]	3.54[b]	3.75[b]	2.55[a]	2.91[a]	
600S162-68	6SSJ14	8.05	8.05	8.05	8.05	8.05	8.05	8.05	8.05	8.01	7.54	7.22	6.02[b]	5.80[b]	4.46[a]	4.41[a]	
600S200-68	6SJW14	10.69	10.69	10.57	10.57	10.42	10.42	10.24	10.24	10.03	10.03	9.47	8.37[b]	7.90[b]	6.50[b]	6.21[b]	4.77[a]
600S200-97	6SJW12	15.49	15.49	15.34	15.34	15.14	15.14	14.90	14.90	14.60	14.60	13.81	13.20	12.30	10.57[b]	9.87[b]	8.08[b]
800S162-43	8SSJ18	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.42	3.62	3.14	3.25	2.51[c]	2.74[c]	1.82[b]	2.18[b]	1.09[a]
800S200-43	8SJW18	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.25	4.32	3.53	3.71	2.73[b]	3.04[b]	1.88[a]
800S162-54	8SSJ16	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	5.74	5.93	4.95[b]	5.26[b]	4.07[b]
800S200-54	8SJW16	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.33	8.33	8.08	7.23[c]	7.25[c]	5.97[b]
800S162-68	8SSJ14	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	6.88[c]	7.20[c]	5.88[b]
800S200-68	8SJW14	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.81	10.81	10.48	10.10	10.01	8.59[b]
800S162-97	8SSJ12	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	9.78	10.11	8.64[c]
800S200-97	8SJW12	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.41	15.41	14.80	13.86

AISI Designation	Legacy Designation	BRIDGING AT MID-HEIGHT			
		9FT		10FT	
		16"	24"	16"	24"
350S137-33	3-1/2SSC20	0.71[b]	0.15[a]	0.30[a]	
350S162-33	3-1/2SSJ20	1.08[b]	0.49[a]	0.63[a]	
350S137-43	3-1/2SSC18	1.30[b]	0.65[a]	0.75[a]	
350S162-43	3-1/2SSJ18	1.93[b]	1.26[a]	1.32[a]	0.63[a]
350S137-54	3-1/2SSC16	2.52[b]	1.91[b]	1.72[b]	1.10[a]
350S162-54	3-1/2SSJ16	3.51[c]	2.89[b]	2.56[b]	1.94[a]
350S137-68	3-1/2SSC14	3.26[c]	2.60[b]	2.33[b]	1.63[a]
350S162-68	3-1/2SSJ14	4.53	3.87[b]	3.41[b]	2.74[b]
362S137-33	3-5/8SSC20	0.80[b]	0.23[a]	0.37[a]	
362S162-33	3-5/8SSJ20	1.18[b]	0.59[a]	0.73[a]	
362S137-43	3-5/8SSC18	1.42[b]	0.77[a]	0.86[b]	0.19[a]
362S162-43	3-5/8SSJ18	2.08[b]	1.40[b]	1.46[b]	0.76[a]
362S200-43	3-5/8SJW18	2.83[c]	2.12[b]	2.15[b]	1.41[a]
362S137-54	3-5/8SSC16	2.74[c]	2.12[b]	1.90[b]	1.25[a]
362S162-54	3-5/8SSJ16	3.79[c]	3.16[b]	2.81[b]	2.17[a]
362S200-54	3-5/8SJW16	5.21	4.64[b]	4.09[c]	3.40[b]
362S137-68	3-5/8SSC14	3.53	2.85[b]	2.55[b]	1.83[a]
362S162-68	3-5/8SSJ14	4.87	4.24[b]	3.72[c]	3.03[b]
362S200-68	3-5/8SJW14	6.37	6.12[c]	5.22	4.56
362S200-97	3-5/8SJW12	8.20	8.20	6.85	6.57[c]
400S137-33	4SSC20	1.04[b]	0.48[a]	0.59[b]	
400S162-33	4SSJ20	1.48[b]	0.89[b]	1.00[b]	0.38[a]
400S137-43	4SSC18	1.75[c]	1.11[b]	1.17[b]	0.48[a]
400S162-43	4SSJ18	2.48	1.81[b]	1.86[b]	1.14[a]
400S200-43	4SJW18	3.30	2.61[b]	2.64[c]	1.89[b]
400S137-54	4SSC16	3.28	2.66[b]	2.38[b]	1.70[b]
400S162-54	4SSJ16	4.53	3.91[c]	3.47[c]	2.79[b]
400S200-54	4SJW16	5.95	5.65[c]	5.01	4.29[b]
400S137-68	4SSC14	4.27	3.57[c]	3.03[c]	2.31[b]
400S162-68	4SSJ14	5.80	5.37	4.70	3.94[b]
400S200-68	4SJW14	7.52	7.52	6.35	5.87[c]
400S200-97	4SJW12	9.86	9.86	8.31	8.31
550S137-33	5-1/2SSC20	1.65	1.22[c]	1.22	0.73[b]
550S162-33	5-1/2SSJ20	2.28	1.81	1.86	1.31[b]
550S137-43	5-1/2SSC18	2.47	2.00	1.90	1.37[c]
550S162-43	5-1/2SSJ18	3.47	3.01	3.00	2.39
550S137-54	5-1/2SSC16	3.73	3.63	3.11	2.62
550S162-54	5-1/2SSJ16	5.75	5.75	5.08	4.85
550S137-68	5-1/2SSC14	4.38	4.38	3.67	3.28
550S162-68	5-1/2SSJ14	7.25	7.25	6.32	6.32
600S137-33	6SSC20	1.74	1.36	1.32	0.88[c]
600S162-33	6SSJ20	2.43	2.00	2.03	1.53[c]
600S137-43	6SSC18	2.57	2.15	2.01	1.54
600S162-43	6SSJ18	3.48	3.23	3.18	2.63
600S200-43	62JW18	4.32	4.29	4.12	3.71
600S137-54	6SSC16	3.65	3.65	3.07	2.75
600S162-54	6SSJ16	5.71	5.71	5.02	5.02
600S200-54	6SJW16	7.77	7.77	7.21	7.21
600S137-68	6SSC14	4.31	4.31	3.63	3.42
600S162-68	6SSJ14	7.20	7.20	6.24	6.24
600S200-68	6SJW14	10.03	10.03	9.31	9.31
600S200-97	6SJW12	14.53	14.53	13.49	13.49
800S162-43	8SSJ18	3.40	3.40	3.14	3.10
800S200-43	8SJW18	4.42	4.42	4.24	4.24
800S162-54	8SSJ16	5.42	5.42	4.65	4.65
800S200-54	8SJW16	8.03	8.03	7.51	7.51
800S162-68	8SSJ14	6.81	6.81	5.77	5.77
800S200-68	8SJW14	10.31	10.31	9.60	9.60
800S162-97	8SSJ12	8.44	8.44	7.11	7.11
800S200-97	8SJW12	14.54	14.54	13.31	13.31

Flange Width: SSC=1 3/8", SSJ=1-5/8", SJW=2" and SSW=2-1/2"

See page 28 for additional table notes.

Superscripts:
a meets L/240 deflection
b meets L/360 deflection
c meets L/600 deflection
No superscript: meets L/720 deflection

SUGGESTED DESIGN GUIDES
ALLOWABLE AXIAL LOAD CAPACITIES
BRACED STUDS SUBJECTED TO LATERAL LOAD
KIPS (1,000 LBS) PER STUD

25 PSF

AISI Designation	Legacy Designation	BRIDGING SPACED 48" ON CENTER															
		8FT		9FT		10FT		11FT		12FT		14FT		16FT		18FT	
		16"	24"	16"	24"	16"	24"	16"	24"	16"	24"	16"	24"	16"	24"	16"	24"
350S137-33	3-1/2SSC20	0.91[b]	0.29[a]	0.53[a]													
350S162-33	3-1/2SSJ20	1.30[b]	0.64[a]	0.88[a]	0.48[a]												
350S137-43	3-1/2SSC18	1.60[b]	0.89[a]	1.13[b]	0.35[a]	0.69[a]											
350S162-43	3-1/2SSJ18	2.27[c]	1.53[b]	1.75[b]	0.92[a]	1.24[a]											
350S137-54	3-1/2SSC16	3.24[c]	2.55[b]	2.63[b]	1.86[a]	2.03[a]	1.50[a]										
350S162-54	3-1/2SSJ16	4.42	3.70[b]	3.66[b]	2.86[a]	2.93[b]	2.09[a]	2.27[a]									
350S137-68	3-1/2SSC14	4.13	3.39[b]	3.41[b]	2.58[b]	2.72[b]	1.84[a]	2.09[a]									
350S162-68	3-1/2SSJ14	5.61	4.93[c]	4.78[c]	3.93[b]	3.91[b]	3.00[a]	3.12[a]	2.45[a]								
362S137-33	3-5/8SSC20	1.00[b]	0.38[a]	0.62[a]													
362S162-33	3-5/8SSJ20	1.41[b]	0.75[a]	0.99[a]	0.58[a]												
362S137-43	3-5/8SSC18	1.72[b]	1.02[b]	1.26[b]	0.47[a]	0.82[a]											
362S162-43	3-5/8SSJ18	2.42[c]	1.69[b]	1.90[b]	1.07[a]	1.39[a]	0.92[a]										
362S200-43	3-5/8SJW18	3.21	2.45[b]	2.64[b]	1.77[b]	2.06[b]	1.11[a]	1.51[a]									
362S137-54	3-5/8SSC16	3.48[c]	2.78[b]	2.86[b]	2.07[a]	2.26[b]	1.42[a]	1.71[a]									
362S162-54	3-5/8SSJ16	4.72	3.99[b]	3.96[b]	3.14[b]	3.21[b]	2.35[a]	2.54[a]	1.95[a]								
362S200-54	3-5/8SJW16	6.20	5.65[c]	5.51[c]	4.61[b]	4.56[b]	3.61[a]	3.68[b]	2.71[a]	2.92[a]							
362S137-68	3-5/8SSC14	4.47	3.71[b]	3.73[b]	2.88[b]	3.01[b]	2.10[a]	2.35[a]	1.77[a]								
362S162-68	3-5/8SSJ14	5.97	5.37[c]	5.23[c]	4.34[b]	4.31[b]	3.37[a]	3.48[b]	2.51[a]	2.75[a]							
362S200-68	3-5/8SJW14	7.68	7.53	7.15	6.28[b]	6.6[c]	5.05[b]	4.97[b]	3.94[a]	4.03[a]							
362S200-97	3-5/8SJW12	9.81	9.81	9.13	8.84	8.34	7.32[b]	7.05[b]	5.92[b]	5.86[b]	4.73[a]	3.97[a]					
400S137-33	4SSC20	1.26[b]	0.66[b]	0.89[b]	0.20[a]	0.52[a]											
400S162-33	4SSJ20	1.70[c]	1.07[b]	1.29[b]	0.57[a]	0.89[a]	0.50[a]										
400S137-43	4SSC18	2.06	1.38[b]	1.62[b]	.83[a]	1.17[b]	.30[a]	0.74[a]									
400S162-43	4SSJ18	2.81	2.11[b]	2.32[b]	1.51[b]	1.82[b]	.92[a]	1.33[a]	0.88[a]								
400S200-43	4SJW18	3.66	2.94[c]	3.12[c]	2.27[b]	2.56[b]	1.61[a]	2.01[b]	0.99[a]	1.49[a]							
400S137-54	4SSC16	4.10	3.41[b]	3.51[c]	2.70[b]	2.89[b]	2.01[a]	2.30[a]	1.75[a]								
400S162-54	4SSJ16	5.31	4.77[c]	4.78	3.95[b]	4.05[b]	3.12[a]	3.32[b]	2.35[a]	2.64[a]							
400S200-54	4SJW16	6.80	6.61	6.49	5.62[b]	5.61[c]	4.61[b]	4.71[b]	3.65[a]	3.85[a]							
400S137-68	4SSC14	5.36	4.61[c]	4.69	3.77[b]	3.94[b]	2.93[b]	3.21[b]	2.15[a]	2.52[a]							
400S162-68	4SSJ14	6.77	6.49	6.44	5.50[b]	5.54[c]	4.50[b]	4.62[b]	3.53[a]	3.77[b]	2.66[a]						
400S200-68	4SJW14	8.60	8.60	8.21	7.70[c]	7.58	6.48[b]	6.46[b]	5.30[b]	5.38[b]	4.20[a]	3.57[a]					
400S200-97	4SJW12	11.37	11.37	10.81	10.81	10.14	9.42[c]	9.16	7.88[b]	7.73[b]	6.43[b]	5.38[b]	4.11[a]	3.68[a]			
550S137-33	5-1/2SSC20	1.89	1.44	1.63	1.08[b]	1.35[c]	0.69[b]	1.05[b]	0.30[a]	0.74[a]							
550S162-33	5-1/2SSJ20	2.46	1.99	2.17	1.59[c]	1.85[c]	1.16[b]	1.52[b]	0.72[a]	1.16[b]	0.28[a]	0.47[a]					
550S137-43	5-1/2SSC18	2.81	2.32	2.52	1.92	2.21	1.48[b]	1.86[b]	1.02[b]	1.50[b]	0.55[a]	0.76[a]					
550S162-43	5-1/2SSJ18	3.67	3.29	3.47	2.83	3.10	2.33[b]	2.70[c]	1.80[b]	2.28[b]	1.27[a]	1.42[a]					
550S137-54	5-1/2SSC16	4.50	4.50	4.50	4.13	4.39	3.66[c]	4.02	3.15[b]	3.61[b]	2.62[b]	2.72[a]					
550S162-54	5-1/2SSJ16	6.32	6.32	6.24	6.19	6.15	5.56	5.83	4.87[b]	5.23[c]	4.15[b]	3.97[b]	2.73[a]	2.76[a]			
550S137-68	5-1/2SSC14	5.32	5.32	5.32	5.16	5.32	4.67	5.04	4.13[b]	4.61[c]	3.55[b]	3.65[b]	2.35[a]	2.62[a]			
550S162-68	5-1/2SSJ14	8.07	8.07	8.07	8.07	7.97	7.68	7.82	6.87[c]	7.23	6.00[b]	5.66[b]	4.25[a]	4.13[a]			
600S137-33	6SSC20	1.99	1.59	1.76	1.27[c]	1.51	0.92[b]	1.24[b]	0.55[b]	0.96[b]	0.18[a]	0.37[a]					
600S162-33	6SSJ20	2.60	2.18	2.36	1.83	2.08	1.44[b]	1.77[c]	1.02[b]	1.44[b]	0.60[a]	0.77[a]					
600S137-43	6SSC18	2.85	2.49	2.67	2.13	2.39	1.74[c]	2.09	1.32[b]	1.76[b]	0.89[b]	1.07[a]					
600S162-43	6SSJ18	3.69	3.50	3.69	3.11	3.39	2.68	3.03	2.19[b]	2.64[c]	1.69[b]	1.82[b]	0.68[a]	1.02[a]			
600S200-43	62JW18	4.48	4.48	4.45	4.08	4.34	3.61	3.95	3.09[c]	3.53	2.54[b]	2.62[b]	1.43[a]	1.72[a]			
600S137-54	6SSC16	4.42	4.42	4.42	4.30	4.42	3.90	4.22	3.45[c]	3.87[c]	2.98[b]	3.09[b]	1.98[a]	2.27[a]			
600S162-54	6SSJ16	6.31	6.31	6.31	6.31	6.31	6.06	6.27	5.48[c]	5.85	4.82[b]	4.68[b]	3.45[a]	3.49[a]			
600S200-54	6SJW16	8.28	8.28	8.18	8.18	8.07	8.07	7.92	7.56	7.75	6.78[c]	6.46[b]	5.15[b]	5.01[b]	3.59[a]	3.67[a]	
600S137-68	6SSC14	5.23	5.23	5.23	5.23	5.23	4.90	5.23	4.44	4.87	3.93[b]	4.04[b]	2.84[a]	3.13[a]	2.22[a]		
600S162-68	6SSJ14	8.05	8.05	8.05	8.05	8.05	8.05	8.05	7.56	8.01	6.86[c]	6.60[c]	5.19[b]	5.10[b]	3.56[a]	3.70[a]	
600S200-68	6SJW14	10.69	10.60	10.57	10.57	10.42	10.42	10.24	10.24	10.03	9.48	8.97[c]	7.51[b]	7.17[b]	5.56[a]	5.46[a]	
600S200-97	6SJW12	15.49	15.49	15.34	15.34	15.14	15.14	14.90	14.90	14.60	14.60	13.81	12.15[c]	11.40[c]	9.41[b]	8.94[b]	6.91[a]
800S162-43	8SSJ18	3.62	3.62	3.62	3.62	3.62	3.39	3.62	3.08	3.41	2.74	2.88	1.98[b]	2.27[b]	1.16[a]	1.62[b]	0.33[a]
800S200-43	8SJW18	4.56	4.56	4.56	4.56	4.56	4.53	4.56	4.19	4.55	3.82	3.92	2.96[c]	3.21[c]	2.03[b]	2.45[b]	1.08[a]
800S162-54	8SSJ16	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.01	6.10	5.19[c]	5.43[c]	4.25[b]	4.65[b]	3.24[a]
800S200-54	8SJW16	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.33	7.76	7.76	6.45[b]	6.59[b]	5.09[b]
800S162-68	8SSJ14	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.16	7.40	6.11[b]	6.52[b]	4.96[b]
800S200-68	8SJW14	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.81	10.78	10.48	9.25[c]	9.28[c]	7.60[b]
800S162-97	8SSJ12	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.11	10.15	8.93[c]	9.36	7.61[b]
800S200-97	8SJW12	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.41	14.87	14.71	12.64[b]

AISI Designation	Legacy Designation	BRIDGING AT MID-HEIGHT			
		9FT		10FT	
		16"	24"	16"	24"
350S137-33	3-1/2SSC20	0.42[a]			
350S162-33	3-1/2SSJ20	0.78[a]	0.32[a]		
350S137-43	3-1/2SSC18	0.96[b]	0.22[a]	0.41[a]	
350S162-43	3-1/2SSJ18	1.58[b]	0.80[a]	0.96[a]	
350S137-54	3-1/2SSC16	2.21[b]	1.50[a]	1.40[a]	
350S162-54	3-1/2SSJ16	3.19[b]	2.46[a]	2.24[b]	1.52[a]
350S137-68	3-1/2SSC14	2.92[b]	2.14[b]	1.97[b]	1.15[a]
350S162-68	3-1/2SSJ14	4.19[c]	3.41[b]	3.06[b]	2.28[a]
362S137-33	3-5/8SSC20	0.50[a]			
362S162-33	3-5/8SSJ20	0.88[a]	0.41[a]		
362S137-43	3-5/8SSC18	1.08[b]	0.33[a]	0.51[a]	
362S162-43	3-5/8SSJ18	1.73[b]	0.94[a]	1.10[a]	
362S200-43	3-5/8SJW18	2.47[b]	1.64[b]	1.77[b]	0.91[a]
362S137-54	3-5/8SSC16	2.42[b]	1.69[a]	1.56[b]	0.81[a]
362S162-54	3-5/8SSJ16	3.47[b]	2.72[b]	2.48[b]	1.72[a]
362S200-54	3-5/8SJW16	4.98[c]	4.16[b]	3.74[b]	2.93[a]
362S137-68	3-5/8SSC14	3.19[b]	2.38[b]	2.18[b]	1.33[a]
362S162-68	3-5/8SSJ14	4.57[c]	3.77[b]	3.36[b]	2.55[a]
362S200-68	3-5/8SJW14	6.37	5.62[b]	4.90[c]	4.06[b]
362S200-97	3-5/8SJW12	8.20	7.96	6.85	6.03[b]
400S137-33	4SSC20	.75[b]	0.09[a]	0.28[a]	
400S162-33	4SSJ20	1.17[b]	0.48[a]	0.68[a]	
400S137-43	4SSC18	1.42[b]	0.66[a]	0.81[b]	
400S162-43	4SSJ18	2.14[b]	1.35[b]	1.49[b]	0.65[a]
400S200-43	4SJW18	2.95[c]	2.13[b]	2.25[b]	1.37[a]
400S137-54	4SSC16	2.96[c]	2.22[b]	2.03[b]	1.23[a]
400S162-54	4SSJ16	4.23	3.46[b]	3.12[b]	2.32[a]
400S200-54	4SJW16	5.95	5.15[b]	4.64[c]	3.79[b]
400S137-68	4SSC14	3.91	3.08[b]	2.66[b]	1.80[b]
400S162-68	4SSJ14	5.72	4.86[b]	4.31[c]	3.42[b]
400S200-68	4SJW14	7.52	7.05[c]	6.25	5.32[b]
400S200-97	4SJW12	9.86	9.86	8.31	7.74[c]
550S137-33	5-1/2SSC20	1.43	0.91[b]	0.97[c]	0.37[b]
550S162-33	5-1/2SSJ20	2.04	1.47[c]	1.58[c]	0.92[b]
550S137-43	5-1/2SSC18	2.23	1.65	1.63	0.98[b]
550S162-43	5-1/2SSJ18	3.27	2.63	2.69	1.95[b]
550S137-54	5-1/2SSC16	3.73	3.31	2.86	2.26[c]
550S162-54	5-1/2SSJ16	5.75	5.62	5.08	4.40
550S137-68	5-1/2SSC14	4.38	4.12	3.54	2.90
550S162-68	5-1/2SSJ14	7.25	7.25	6.32	5.91
600S137-33	6SSC20	1.55	1.08[c]	1.10	0.57[b]
600S162-33	6SSJ20	2.21	1.69	1.78	1.17[b]
600S137-43	6SSC18	2.36	1.85	1.77	1.19[c]
600S162-43	6SSJ18	3.46	2.89	2.90	2.23
600S200-43	62JW18	4.32	3.93	3.99	3.29
600S137-54	6SSC16	3.65	3.44	2.97	2.43
600S162-54	6SSJ16	5.71	5.71	5.02	4.65
600S200-54	6SJW16	7.77	7.77	7.21	7.21
600S137-68	6SSC14	4.31	4.26	3.63	3.08
600S162-68	6SSJ14	7.20	7.20	6.24	6.16
600S200-68	6SJW14	10.03	10.03	9.31	9.31
600S200-97	6SJW12	14.53	14.53	13.49	13.49
800S162-43	8SSJ18	3.40	3.40	3.14	2.84
800S200-43	8SJW18	4.42	4.42	4.24	4.16
800S162-54	8SSJ16	5.42	5.42	4.65	4.65
800S200-54	8SJW16	8.03	8.03	7.51	7.51
800S162-68	8SSJ14	6.81	6.81	5.77	5.77
800S200-68	8SJW14	10.31	10.31	9.60	9.60
800S162-97	8SSJ12	8.44	8.44	7.11	7.11
800S200-97	8SJW12	14.54	14.54	13.31	13.31

Superscripts:
a meets L/240 deflection
b meets L/360 deflection
c meets L/600 deflection
No superscript: meets L/720 deflection

Flange Width: SSC=1 3/8", SSJ=1-5/8", SJW=2" and SSW=2-1/2"

See page 28 for additional table notes.

SUGGESTED DESIGN GUIDES
ALLOWABLE AXIAL LOAD CAPACITIES
BRACED STUDS SUBJECTED TO LATERAL LOAD
KIPS (1,000 LBS) PER STUD

30 PSF

AISI Designation	Legacy Designation	BRIDGING SPACED 48" ON CENTER															
		8FT		9FT		10FT		11FT		12FT		14FT		16FT		18FT	
		16"	24"	16"	24"	16"	24"	16"	24"	16"	24"	16"	24"	16"	24"	16"	24"
350S137-33	3-1/2SSC20	0.65[a]	0.25[a]														
350S162-33	3-1/2SSJ20	1.03[b]	0.28[a]	0.57[a]													
350S137-43	3-1/2SSC18	1.31[b]	0.50[a]	0.81[a]													
350S162-43	3-1/2SSJ18	1.97[b]	1.13[a]	1.40[a]	0.88[a]												
350S137-54	3-1/2SSC16	2.96[b]	2.17[b]	2.31[b]	1.44[a]	1.70[a]											
350S162-54	3-1/2SSJ16	4.13[c]	3.29[b]	3.33[b]	2.42[a]	2.58[a]	1.92[a]										
350S137-68	3-1/2SSC14	3.83[c]	2.97[b]	3.06[b]	2.12[a]	2.35[a]	1.71[a]										
350S162-68	3-1/2SSJ14	5.39	4.50[b]	4.43[b]	3.45[a]	3.53[b]	2.51[a]	2.74[a]									
362S137-33	3-5/8SSC20	0.75[b]	0.34[a]														
362S162-33	3-5/8SSJ20	1.14[b]	0.39[a]	0.68[a]													
362S137-43	3-5/8SSC18	1.43[b]	0.63[a]	0.93[a]	0.46[a]												
362S162-43	3-5/8SSJ18	2.12[b]	1.28[b]	1.56[b]	0.62[a]	1.02[a]											
362S200-43	3-5/8SJW18	2.90[c]	2.03[b]	2.28[b]	1.29[a]	1.67[a]	1.10[a]										
362S137-54	3-5/8SSC16	3.19[b]	2.39[b]	2.53[b]	1.64[a]	1.91[a]											
362S162-54	3-5/8SSJ16	4.42[c]	3.58[b]	3.62[b]	2.69[a]	2.85[a]	2.17[a]										
362S200-54	3-5/8SJW16	6.12	5.21[b]	5.14[b]	4.12[b]	4.16[b]	3.09[a]	3.27[a]									
362S137-68	3-5/8SSC14	4.16[c]	3.29[b]	3.38[b]	2.40[a]	2.63[a]	1.96[a]										
362S162-68	3-5/8SSJ14	5.83	4.92[b]	4.86[b]	3.85[b]	3.92[b]	2.85[a]	3.07[a]	2.35[a]								
362S200-68	3-5/8SJW14	7.68	7.06[c]	6.83[c]	5.75[b]	5.64[b]	4.49[a]	4.54[b]	3.38[a]	3.60[a]							
362S200-97	3-5/8SJW12	9.81	9.81	9.13	8.28[c]	7.95[c]	6.72[b]	6.58[b]	5.31[a]	5.38	4.12[a]						
400S137-33	4SSC20	1.01[b]	0.32[a]	0.60[a]	0.21[a]												
400S162-33	4SSJ20	1.44[b]	0.71[a]	0.99[b]	0.16[a]	0.56[a]											
400S137-43	4SSC18	1.78[c]	1.00[b]	1.29[b]	0.40[a]	0.81[a]											
400S162-43	4SSJ18	2.52[c]	1.72[b]	1.98[b]	1.05[a]	1.44[a]	0.93[a]										
400S200-43	4SJW18	3.37	2.53[b]	2.77[b]	1.80[b]	2.17[b]	1.09[a]	1.58[a]									
400S137-54	4SSC16	3.82	3.02[b]	3.18[b]	2.25[a]	2.53[b]	1.52[a]	1.91[a]									
400S162-54	4SSJ16	5.19	4.36[b]	4.44[c]	3.48[b]	3.67[b]	2.62[a]	2.91[a]	2.23[a]								
400S200-54	4SJW16	6.80	6.17[c]	6.15[c]	5.11[b]	5.20[b]	4.06[a]	4.27[b]	3.09[a]	3.40[a]							
400S137-68	4SSC14	5.07	4.17[c]	4.31[c]	3.26[b]	3.52[b]	2.38[a]	2.76[a]	2.07[a]								
400S162-68	4SSJ14	6.77	6.03[c]	6.05	4.98[b]	5.10[b]	3.93[a]	4.17[b]	2.94[a]	3.31[a]							
400S200-68	4SJW14	8.60	8.40	8.21	7.15[b]	7.12[c]	5.88[b]	5.97[b]	4.67[a]	4.88[b]	3.57[a]						
400S200-97	4SJW12	11.37	11.37	10.81	10.37	10.12	8.76[b]	8.63[c]	7.18[b]	7.19[b]	5.72[a]	4.85[a]					
550S137-33	5-1/2SSC20	1.71	1.18[c]	1.41[c]	0.76[b]	1.08[b]	0.32[a]	0.74[b]	0.39[a]								
550S162-33	5-1/2SSJ20	2.27	1.71	1.93	1.25[b]	1.57[b]	0.76[b]	1.19[b]	0.27[a]	0.80[a]							
550S137-43	5-1/2SSC18	2.61	2.04	2.28	1.57[c]	1.91[c]	1.06[b]	1.52[b]	0.54[a]	1.11[b]							
550S162-43	5-1/2SSJ18	3.60	2.98	3.21	2.45[c]	2.79	1.88[b]	2.33[b]	1.33[b]	1.86[b]	0.72[a]	0.94[a]					
550S137-54	5-1/2SSC16	4.50	4.26	4.48	3.78	4.09	3.24[b]	3.66[c]	2.66[b]	3.20[b]	2.06[a]	2.22[a]					
550S162-54	5-1/2SSJ16	6.32	6.32	6.24	5.80	6.05	5.08[c]	5.44[c]	4.32[b]	4.79[b]	3.55[a]	3.45[a]					
550S137-68	5-1/2SSC14	5.32	5.31	5.32	4.80	5.13	4.23[c]	4.67	3.61[b]	4.17[b]	2.96[b]	3.11[a]					
550S162-68	5-1/2SSJ14	8.07	8.07	8.07	7.97	7.97	7.15	7.51	6.25[b]	6.72[c]	5.31[b]	5.07[b]	3.48[a]	3.51[a]			
600S137-33	6SSC20	1.83	1.36	1.56	0.99[b]	1.27[c]	0.58[b]	0.96[b]	0.16[a]	0.64[b]							
600S162-33	6SSJ20	2.43	1.93	2.14	1.51[c]	1.82[c]	1.07[b]	1.46[b]	0.60[a]	1.10[b]	0.13[a]	0.36[a]					
600S137-43	6SSC18	2.74	2.24	2.45	1.82	2.13	1.36[c]	1.78[c]	.88[b]	1.40[b]	0.39[a]	0.63[a]					
600S162-43	6SSJ18	3.69	3.23	3.46	2.77	3.10	2.26[c]	2.69[c]	1.71[b]	2.25[b]	1.15[a]	1.35[a]					
600S200-43	62JW18	4.48	4.23	4.44	3.73	4.04	3.18[c]	3.60	2.59[b]	3.12[c]	1.98[b]	2.13[b]	0.78[a]	1.17[a]			
600S137-54	6SSC16	4.42	4.41	4.42	3.99	4.28	3.52[c]	3.91	3.01[b]	3.51[b]	2.47[b]	2.63[b]	1.36[a]	1.73[a]			
600S162-54	6SSJ16	6.31	6.31	6.31	6.20	6.31	5.63	6.01	4.97[b]	5.43[c]	4.24[b]	4.17[b]	2.77[a]	2.92[a]			
600S200-54	6SJW16	8.28	8.28	8.18	8.18	8.07	7.83	7.92	7.02[c]	7.42	6.17[b]	5.92[b]	4.43[a]	4.42[a]			
600S137-68	6SSC14	5.23	5.23	5.23	5.01	5.23	4.51	4.91	3.98[c]	4.49[c]	3.40[b]	3.54[b]	2.18[a]	2.55[a]			
600S162-68	6SSJ14	8.05	8.05	8.05	8.05	8.05	7.70	8.05	6.99[c]	7.54	6.20[b]	6.02[b]	4.41[a]	4.46[a]			
600S200-68	6SJW14	10.69	10.69	10.57	10.57	10.42	10.42	10.24	9.81	10.03	8.81[c]	8.37[b]	6.70[b]	6.50[b]	4.69[a]	4.77[a]	
600S200-97	6SJW12	15.49	15.49	15.34	15.34	15.14	15.14	14.90	14.90	14.60	14.00	13.20	11.16[b]	10.57[b]	8.34[a]	8.08[b]	5.84[a]
800S162-43	8SSJ18	3.62	3.62	3.62	3.44	3.62	3.11	3.42	2.74	3.14	2.34[c]	2.51[c]	1.47[b]	1.82[b]	0.54[a]	1.09[a]	
800S200-43	8SJW18	4.56	4.56	4.56	4.56	4.56	4.23	4.56	3.83	4.25	3.39	3.53	2.40[b]	2.73[b]	1.36[a]	1.88[a]	
800S162-54	8SSJ16	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.04	6.10	5.61	5.74	4.65[b]	4.95[b]	3.58[b]	4.07[b]	2.46[a]
800S200-54	8SJW16	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.43	8.33	7.15[c]	7.23[c]	5.71[b]	5.97[b]	4.25[a]
800S162-68	8SSJ14	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.64	7.76	6.58[c]	6.88[c]	5.37[b]	5.88[b]	4.09[a]
800S200-68	8SJW14	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.81	10.11	10.10	8.43[b]	8.59[b]	6.66[b]
800S162-97	8SSJ12	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	9.47	9.78	8.12[b]	8.64[c]	6.63[b]
800S200-97	8SJW12	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.41	13.88[c]	13.86	11.50[b]

AISI Designation	Legacy Designation	BRIDGING AT MID-HEIGHT			
		9FT		10FT	
		16"	24"	16"	24"
350S137-33	3-1/2SSC20	0.15[a]			
350S162-33	3-1/2SSJ20	0.49[a]			
350S137-43	3-1/2SSC18	0.65[a]			
350S162-43	3-1/2SSJ18	1.26[a]	0.63[a]		
350S137-54	3-1/2SSC16	1.91[b]	1.10[a]	1.10[a]	
350S162-54	3-1/2SSJ16	2.89[b]	2.06[a]	1.94[a]	
350S137-68	3-1/2SSC14	2.60[b]	1.71[a]	1.63[a]	
350S162-68	3-1/2SSJ14	3.87[b]	2.98[a]	2.74[b]	1.84[a]
362S137-33	3-5/8SSC20	0.23[a]			
362S162-33	3-5/8SSJ20	0.59[a]			
362S137-43	3-5/8SSC18	0.77[a]	0.19[a]		
362S162-43	3-5/8SSJ18	1.40[b]	0.50[a]	0.76[a]	
362S200-43	3-5/8SJW18	2.12[b]	1.18[a]	1.41[a]	
362S137-54	3-5/8SSC16	2.12[b]	1.29[a]	1.25[a]	
362S162-54	3-5/8SSJ16	3.16[b]	2.30[a]	2.17[a]	
362S200-54	3-5/8SJW16	4.64[b]	3.71[b]	3.40[b]	2.49[a]
362S137-68	3-5/8SSC14	2.85[b]	1.94[a]	1.83[a]	
362S162-68	3-5/8SSJ14	4.24[b]	3.32[b]	3.03[b]	2.10[a]
362S200-68	3-5/8SJW14	6.12[c]	5.14[b]	4.56[b]	3.59[a]
362S200-97	3-5/8SJW12	8.20	7.45[c]	6.57[c]	5.51[b]
400S137-33	4SSC20	0.48[a]			
400S162-33	4SSJ20	0.89[b]	0.09[a]	0.38[a]	
400S137-43	4SSC18	1.11[b]	0.24[a]	0.48[a]	
400S162-43	4SSJ18	1.81[b]	0.91[a]	1.14[a]	
400S200-43	4SJW18	2.61[b]	1.67[b]	1.89[b]	0.89[a]
400S137-54	4SSC16	2.66[b]	1.80[a]	1.70[b]	0.79[a]
400S162-54	4SSJ16	3.91[c]	3.02[b]	2.79[b]	1.88[a]
400S200-54	4SJW16	5.65[c]	4.68[b]	4.29[b]	3.32[a]
400S137-68	4SSC14	3.57[c]	2.61[b]	2.31[b]	1.33[a]
400S162-68	4SSJ14	5.37	4.38[b]	3.94[b]	2.92[a]
400S200-68	4SJW14	7.52	6.54[b]	5.87[c]	4.80[b]
400S200-97	4SJW12	9.86	9.46	8.31	7.18[b]
550S137-33	5-1/2SSC20	1.22[c]	0.60[b]	0.73[b]	
550S162-33	5-1/2SSJ20	1.81	1.13[b]	1.31[b]	0.54[b]
550S137-43	5-1/2SSC18	2.00	1.32[c]	1.37[c]	0.61[b]
550S162-43	5-1/2SSJ18	3.01	2.26[c]	2.39	1.52[b]
550S137-54	5-1/2SSC16	3.63	2.99	2.62	1.91[b]
550S162-54	5-1/2SSJ16	5.75	5.24	4.85	3.97[c]
550S137-68	5-1/2SSC14	4.38	3.79	3.28	2.53[c]
550S162-68	5-1/2SSJ14	7.25	7.06	6.32	5.44
600S137-33	6SSC20	1.36	0.81[b]	0.88[c]	0.26[b]
600S162-33	6SSJ20	2.00	1.39[c]	1.53[c]	0.81[b]
600S137-43	6SSC18	2.15	1.55	1.54	.85[b]
600S162-43	6SSJ18	3.23	2.55	2.63	1.84[c]
600S200-43	62JW18	4.29	3.59	3.71	2.88[c]
600S137-54	6SSC16	3.65	3.17	2.75	2.12[c]
600S162-54	6SSJ16	5.71	5.51	5.02	4.26
600S200-54	6SJW16	7.77	7.77	7.21	6.89
600S137-68	6SSC14	4.31	3.97	3.42	2.75
600S162-68	6SSJ14	7.20	7.20	6.24	5.75
600S200-68	6SJW14	10.03	10.03	9.31	9.31
600S200-97	6SJW12	14.53	14.53	13.49	13.49
800S162-43	8SSJ18	3.40	3.18	3.10	2.57
800S200-43	8SJW18	4.42	4.42	4.24	3.87
800S162-54	8SSJ16	5.42	5.42	4.65	4.65
800S200-54	8SJW16	8.03	8.03	7.51	7.51
800S162-68	8SSJ14	6.81	6.81	5.77	5.77
800S200-68	8SJW14	10.31	10.31	9.60	9.60
800S162-97	8SSJ12	8.44	8.44	7.11	7.11
800S200-97	8SJW12	14.54	14.54	13.31	13.31

Flange Width: SSC=1 3/8", SSJ=1-5/8", SJW=2" and SSW=2-1/2"

See page 28 for additional table notes.

Superscripts:
a meets L/240 deflection
b meets L/360 deflection
c meets L/600 deflection
No superscript: meets L/720 deflection

SUGGESTED DESIGN GUIDES
ALLOWABLE AXIAL LOAD CAPACITIES
BRACED STUDS SUBJECTED TO LATERAL LOAD
KIPS (1,000 LBS) PER STUD

35 PSF

AISI Designation	Legacy Designation	BRIDGING SPACED 48" ON CENTER															
		8FT		9FT		10FT		11FT		12FT		14FT		16FT		18FT	
		16"	24"	16"	24"	16"	24"	16"	24"	16"	24"	16"	24"	16"	24"	16"	24"
350S137-33	3-1/2SSC20	0.41[a]															
350S162-33	3-1/2SSJ20	0.77[a]															
350S137-43	3-1/2SSC18	1.03[b]	0.13[a]	.50[a]													
350S162-43	3-1/2SSJ18	1.68[b]	0.74[a]	1.08[a]													
350S137-54	3-1/2SSC16	2.69[b]	1.80[a]	2.01[a]													
350S162-54	3-1/2SSJ16	3.84[b]	2.91[a]	3.01[b]	2.00[a]	2.25[a]											
350S137-68	3-1/2SSC14	3.53[b]	2.57[b]	2.74[b]	1.69[a]	2.00[a]											
350S162-68	3-1/2SSJ14	5.08[c]	4.09[b]	4.09[b]	3.00[a]	3.17[a]	2.38[a]										
362S137-33	3-5/8SSC20	0.50[a]															
362S162-33	3-5/8SSJ20	0.88[b]	0.39[a]														
362S137-43	3-5/8SSC18	1.15[b]	0.25[a]	0.62[a]													
362S162-43	3-5/8SSJ18	1.83[b]	0.89[a]	1.23[a]	0.67[a]												
362S200-43	3-5/8SJW18	2.60[b]	1.62[b]	1.93[b]	0.83[a]	1.29[a]											
362S137-54	3-5/8SSC16	2.91[b]	2.01[a]	2.22[a]	1.58[a]												
362S162-54	3-5/8SSJ16	4.13[b]	3.19[b]	3.30[b]	2.26[a]	2.51[a]											
362S200-54	3-5/8SJW16	5.80[c]	4.78[b]	4.78[b]	3.65[a]	3.79[a]	2.89[a]										
362S137-68	3-5/8SSC14	3.86[c]	2.87[b]	3.04[b]	1.95[a]	2.27[a]											
362S162-68	3-5/8SSJ14	5.52[c]	4.50[b]	4.51[b]	3.38[a]	3.55[b]	2.37[a]	2.69[a]									
362S200-68	3-5/8SJW14	7.68	6.61[b]	6.46[b]	5.25[b]	5.24[b]	3.97[a]	4.13[a]	3.20[a]								
362S200-97	3-5/8SJW12	9.81	9.37	9.03	7.74[b]	7.52[b]	6.15[b]	6.14[b]	4.74[a]	4.94[a]							
400S137-33	4SSC20	0.77[b]	0.33[a]														
400S162-33	4SSJ20	1.19[b]	0.37[a]	0.71[a]													
400S137-43	4SSC18	1.52[b]	0.63[a]	0.98[b]	0.47[a]												
400S162-43	4SSJ18	2.25[b]	1.33[b]	1.66[b]	0.62[a]	1.09[a]											
400S200-43	4SJW18	3.08[c]	2.13[b]	2.44[b]	1.34[a]	1.79[a]	1.18[a]										
400S137-54	4SSC16	3.54[c]	2.64[b]	2.86[b]	1.83[a]	2.18[a]	1.54[a]										
400S162-54	4SSJ16	4.91	3.97[b]	4.11[b]	3.03[a]	3.30[b]	2.14[a]	2.53[a]									
400S200-54	4SJW16	6.75	5.75[b]	5.79[c]	4.63[b]	4.80[b]	3.55[a]	3.85[a]	2.98[a]								
400S137-68	4SSC14	4.77	3.74[b]	3.95[b]	2.78[a]	3.12[b]	1.86[a]	2.35[a]									
400S162-68	4SSJ14	6.64	5.60[b]	5.68[c]	4.48[b]	4.69[b]	3.39[a]	3.74[a]	2.87[a]								
400S200-68	4SJW14	8.60	7.95[c]	7.88	6.62[b]	6.69[b]	5.31[b]	5.52[b]	4.08[a]	4.42[a]							
400S200-97	4SJW12	11.37	11.37	10.81	9.79[c]	9.65[c]	8.13[b]	8.12[b]	6.52[a]	6.67	5.07[a]	4.35[a]					
550S137-33	5-1/2SSC20	1.53	0.93[b]	1.19[c]	0.45[b]	0.82[b]	0.44[a]	0.06[a]									
550S162-33	5-1/2SSJ20	2.08	1.43[c]	1.70[c]	0.92[b]	1.29[b]	0.38[a]	0.87[b]	0.45[a]								
550S137-43	5-1/2SSC18	2.42	1.76	2.04	1.22[b]	1.62[b]	0.66[b]	1.18[b]	0.09[a]	0.73[a]							
550S162-43	5-1/2SSJ18	3.39	2.68	2.96	2.09[b]	2.48[c]	1.45[b]	1.98[b]	0.81[a]	1.47[b]	0.19[a]						
550S137-54	5-1/2SSC16	4.50	3.99	4.24	3.43[c]	3.80[c]	2.83[b]	3.32[b]	2.19[a]	2.81[b]	1.54[a]	1.75[a]					
550S162-54	5-1/2SSJ16	6.32	6.13	6.24	5.41	5.72	4.62[b]	5.05[b]	3.80[b]	4.36[b]	2.97[a]	2.96[a]					
550S137-68	5-1/2SSC14	5.32	5.02	5.29	4.44	4.82	3.80[b]	4.31[c]	3.11[b]	3.76[b]	2.40[a]	2.60[a]					
550S162-68	5-1/2SSJ14	8.07	8.07	8.07	7.54	7.86	6.63[c]	7.08	5.66[b]	6.23[b]	4.66[b]	4.51[a]					
600S137-33	6SSC20	1.67	1.13[c]	1.37	0.70[b]	1.04[b]	0.25[b]	0.69[b]	0.33[a]								
600S162-33	6SSJ20	2.26	1.68	1.93	1.21[b]	1.56[c]	0.70[b]	1.17[b]	0.19[a]	0.76[a]							
600S137-43	6SSC18	2.57	1.99	2.24	1.51[c]	1.87[c]	1.00[b]	1.47[b]	.46[a]	1.06[b]	0.21[a]						
600S162-43	6SSJ18	3.60	2.96	3.23	2.44	2.82	1.86[b]	2.35[b]	1.25[b]	1.87[b]	0.64[a]	0.90[a]					
600S200-43	62JW18	4.48	3.95	4.20	3.39	3.75	2.77[c]	3.26[c]	2.11[b]	2.73[b]	1.45[a]	1.66[a]					
600S137-54	6SSC16	4.42	4.17	4.40	3.69	4.02	3.16[b]	3.60[c]	2.59[b]	3.15[b]	1.99[a]	2.19[a]					
600S162-54	6SSJ16	6.31	6.31	6.31	5.84	6.21	5.20[c]	5.66	4.47[b]	5.02[b]	3.68[b]	3.68[a]					
600S200-54	6SJW16	8.28	8.28	8.18	8.18	8.07	7.38	7.75	6.50[b]	6.99[c]	5.58[b]	5.40[b]	3.75[a]	3.85[a]			
600S137-68	6SSC14	5.23	5.19	5.23	4.69	5.03	4.13[c]	4.59	3.53[b]	4.11[b]	2.88[b]	3.07[b]	1.56[a]	2.00[a]			
600S162-68	6SSJ14	8.05	8.05	8.05	7.95	8.05	7.23	7.76	6.44[b]	7.08[c]	5.57[b]	5.46[b]	3.68[a]	3.85[a]			
600S200-68	6SJW14	10.69	10.69	10.57	10.57	10.42	10.25	10.24	9.24[c]	9.72	8.15[b]	7.79[b]	5.94[a]	5.86[a]			
600S200-97	6SJW12	15.49	15.49	15.344	15.34	15.14	15.14	14.90	14.63	14.60	13.21[c]	12.49[c]	10.22[b]	9.79[b]	7.34[a]	7.29[a]	
800S162-43	8SSJ18	3.62	3.56	3.62	3.22	3.48	2.83	3.19	2.41	2.87	1.95[c]	2.16[b]	0.97[b]	1.38[b]	0.58[a]		
800S200-43	8SJW18	4.56	4.56	4.56	4.35	4.56	3.93	4.31	3.47	3.96	2.97[c]	3.15[c]	1.87[b]	2.26[b]	0.72[a]	1.34[a]	
800S162-54	8SSJ16	6.10	6.10	6.10	6.10	6.10	6.10	6.10	5.70	6.10	5.21	5.37[c]	4.13[b]	4.48[b]	2.94[a]	3.51[a]	
800S200-54	8SJW16	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	7.97	7.97	6.56[b]	6.71[b]	5.00[b]	5.37[b]	3.46[a]
800S162-68	8SSJ14	7.76	7.76	7.76	7.76	7.76	7.76	7.76	7.74	7.76	7.21	7.36	6.00[b]	6.36[b]	4.67[b]	5.26[b]	3.27[a]
800S200-68	8SJW14	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.95	10.81	9.46[c]	9.53[c]	7.64[b]	7.92[b]	5.78[a]
800S162-97	8SSJ12	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	8.84	9.21	7.33[b]	7.95[b]	5.70[a]
800S200-97	8SJW12	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.63	15.08	15.20	12.92[b]	13.04[c]	10.41[b]

AISI Designation	Legacy Designation	BRIDGING AT MID-HEIGHT			
		9FT		10FT	
		16"	24"	16"	24"
350S137-33	3-1/2SSC20				
350S162-33	3-1/2SSJ20				
350S137-43	3-1/2SSC18	0.36[a]			
350S162-43	3-1/2SSJ18	0.95[a]			
350S137-54	3-1/2SSC16	1.63[a]			
350S162-54	3-1/2SSJ16	2.60[b]	1.67[a]	1.65[a]	
350S137-68	3-1/2SSC14	2.29[b]	1.30[a]	1.31[a]	
350S162-68	3-1/2SSJ14	3.56[b]	2.57[a]	2.43[a]	
362S137-33	3-5/8SSC20				
362S162-33	3-5/8SSJ20	0.31[a]			
362S137-43	3-5/8SSC18	0.47[a]			
362S162-43	3-5/8SSJ18	1.09[a]	0.44[a]		
362S200-43	3-5/8SJW18	1.80[b]	0.74[a]	1.07[a]	
362S137-54	3-5/8SSC16	1.83[a]	0.95[a]		
362S162-54	3-5/8SSJ16	2.86[b]	1.91[a]	1.87[a]	
362S200-54	3-5/8SJW16	4.32[b]	3.28[a]	3.09[a]	
362S137-68	3-5/8SSC14	2.54[b]	1.52[a]	1.49[a]	
362S162-68	3-5/8SSJ14	3.92[b]	2.89[a]	2.70[b]	1.67[a]
362S200-68	3-5/8SJW14	5.78[b]	4.68[b]	4.22[b]	3.15[a]
362S200-97	3-5/8SJW12	8.13	6.96[b]	6.20[b]	5.02[b]
400S137-33	4SSC20	0.21[a]			
400S162-33	4SSJ20	0.61[a]			
400S137-43	4SSC18	0.81[b]	0.16[a]		
400S162-43	4SSJ18	1.50[b]	0.49[a]	0.81[a]	
400S200-43	4SJW18	2.29[b]	1.23[a]	1.54[a]	
400S137-54	4SSC16	2.36[b]	1.40[a]	1.38[a]	
400S162-54	4SSJ16	3.61[b]	2.61[a]	2.48[b]	1.46[a]
400S200-54	4SJW16	5.32[c]	4.23[b]	3.95[b]	2.87[a]
400S137-68	4SSC14	3.24[b]	2.17[a]	1.97[b]	0.87[a]
400S162-68	4SSJ14	5.03[c]	3.91[b]	3.59[b]	2.45[a]
400S200-68	4SJW14	7.22	6.05[b]	5.50[b]	4.31[b]
400S200-97	4SJW12	9.86	8.93[c]	7.94[c]	6.64[b]
550S137-33	5-1/2SSC20	1.01[c]	0.30[b]	0.49[b]	
550S162-33	5-1/2SSJ20	1.58[c]	0.81[b]	1.05[b]	0.17[a]
550S137-43	5-1/2SSC18	1.77	0.99[b]	1.11[b]	0.24[b]
550S162-43	5-1/2SSJ18	2.76	1.90[b]	2.09[c]	1.11[b]
550S137-54	5-1/2SSC16	3.41	2.68[c]	2.38[c]	1.56[b]
550S162-54	5-1/2SSJ16	5.75	4.86	4.55	3.55[b]
550S137-68	5-1/2SSC14	4.23	3.47	3.02	2.16[b]
550S162-68	5-1/2SSJ14	7.25	6.66	6.06	4.99[c]
600S137-33	6SSC20	1.17	0.54[b]	0.67[b]	
600S162-33	6SSJ20	1.79	1.09[b]	1.29[c]	0.47[b]
600S137-43	6SSC18	1.95	1.25[c]	1.31[c]	0.52[b]
600S162-43	6SSJ18	3.00	2.23	2.36	1.46[b]
600S200-43	62JW18	4.05	3.24	3.43	2.47[c]
600S137-54	6SSC16	3.53	2.90	2.54	1.81[b]
600S162-54	6SSJ16	5.71	5.18	4.78	3.89[c]
600S200-54	6SJW16	7.77	7.72	7.21	6.46
600S137-68	6SSC14	4.31	3.69	3.19	2.42[c]
600S162-68	6SSJ14	7.20	7.00	6.24	5.35
600S200-68	6SJW14	10.03	10.03	9.31	8.99
600S200-97	6SJW12	14.53	14.53	13.49	13.49
800S162-43	8SSJ18	3.40	2.96	2.92	2.31
800S200-43	8SJW18	4.42	4.18	4.24	3.58
800S162-54	8SSJ16	5.42	5.42	4.65	4.49
800S200-54	8SJW16	8.03	8.03	7.51	7.51
800S162-68	8SSJ14	6.81	6.81	5.77	5.77
800S200-68	8SJW14	10.31	10.31	9.60	9.60
800S162-97	8SSJ12	8.44	8.44	7.11	7.11
800S200-97	8SJW12	14.54	14.54	13.31	13.31

Superscripts:
a meets L/240 deflection
b meets L/360 deflection
c meets L/600 deflection
No superscript: meets L/720 deflection

Flange Width: SSC=1 3/8", SSJ=1-5/8", SJW=2" and SSW=2-1/2"

See page 28 for additional table notes.