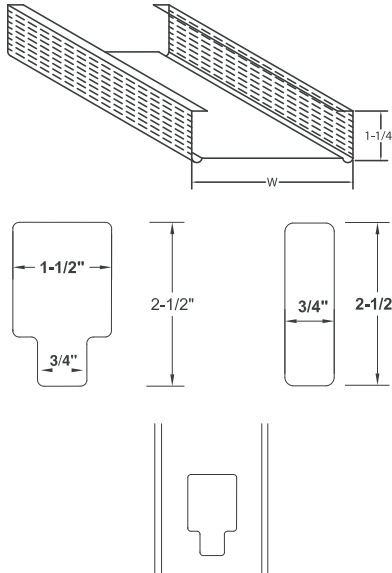


# DRYWALL STUDS

Telling Industries roll-formed, channel shaped, non-load bearing steel members drywall studs are used exclusively for interior partitions. Outer flanges are knurled to prevent screw ride and to expedite attachment O.C. Telling Industries' 25, 22, and 20 gage studs meet ASTM C-645 and A-653 standards. The properties and weights shown below are calculated on minimum thicknesses in compliance with A.I.S.I. specifications.



Section	Design Thickness (in)	Gross Properties						33 ksi Effective Properties					Torsional Properties				
		Area (in <sup>2</sup> )	Weight (lb/ft)	I <sub>xx</sub> (in <sup>4</sup> )	R <sub>x</sub> (in)	I <sub>yy</sub> (in <sup>4</sup> )	R <sub>y</sub> (in)	I <sub>xx</sub> (in <sup>4</sup> )	S <sub>xx</sub> (in <sup>3</sup> )	Ma (in-k)	V <sub>ya</sub> (lb)	Y <sub>cg</sub> (in)	J <sub>x1000</sub> (in <sup>4</sup> )	C <sub>w</sub> (in <sup>6</sup> )	X <sub>o</sub> (in)	R <sub>o</sub> (in)	β
162S125-18	0.018	0.080	0.27	0.038	0.686	0.016	0.447	0.034	0.031	0.61	302	0.962	0.009	0.009	-1.061	1.340	0.373
162S125-27	0.028	0.120	0.41	0.056	0.682	0.023	0.443	0.055	0.053	1.05	494	0.903	0.032	0.013	-1.049	1.327	0.375
162S125-30	0.031	0.131	0.45	0.061	0.681	0.026	0.441	0.060	0.060	1.19	543	0.889	0.043	0.014	-1.046	1.323	0.376
162S125-33	0.034	0.145	0.49	0.067	0.679	0.028	0.440	0.066	0.069	1.37	601	0.873	0.058	0.015	-1.042	1.319	0.376
250S125-18	0.018	0.097	0.33	0.099	1.014	0.019	0.439	0.089	0.059	1.17	258	1.391	0.011	0.023	-0.930	1.444	0.585
250S125-27	0.028	0.144	0.49	0.147	1.009	0.027	0.434	0.144	0.097	1.92	685	1.343	0.039	0.033	-0.919	1.432	0.589
250S125-30	0.031	0.159	0.54	0.161	1.008	0.030	0.433	0.159	0.110	2.17	832	1.329	0.052	0.036	-0.915	1.429	0.590
250S125-33	0.034	0.176	0.60	0.178	1.006	0.033	0.431	0.175	0.125	2.48	975	1.313	0.070	0.039	-0.911	1.425	0.591
350S125-18	0.018	0.115	0.39	0.215	1.366	0.021	0.423	0.203	0.072	1.42	180	2.175	0.014	0.049	-0.819	1.648	0.753
350S125-27	0.028	0.173	0.59	0.320	1.361	0.030	0.418	0.315	0.130	2.57	614	2.020	0.046	0.071	-0.809	1.637	0.756
350S125-30	0.031	0.190	0.65	0.351	1.359	0.033	0.417	0.346	0.150	2.96	824	1.979	0.062	0.077	-0.805	1.634	0.757
350S125-33	0.034	0.210	0.72	0.387	1.358	0.036	0.415	0.382	0.175	3.45	1024	1.935	0.084	0.085	-0.802	1.630	0.758
362S125-18	0.018	0.118	0.40	0.234	1.409	0.021	0.421	0.221	0.075	1.48	173	2.262	0.014	0.053	-0.807	1.677	0.768
362S125-27	0.028	0.176	0.60	0.347	1.404	0.031	0.416	0.342	0.135	2.67	592	2.102	0.047	0.077	-0.797	1.667	0.771
362S125-30	0.031	0.194	0.66	0.381	1.402	0.033	0.415	0.376	0.156	3.08	794	2.059	0.063	0.084	-0.794	1.664	0.772
362S125-33	0.034	0.215	0.73	0.421	1.400	0.037	0.413	0.415	0.182	3.59	1024	2.013	0.086	0.092	-0.790	1.660	0.774
400S125-18	0.018	0.125	0.42	0.294	1.536	0.021	0.414	0.281	0.083	1.64	156	2.524	0.015	0.066	-0.774	1.769	0.809
400S125-27	0.028	0.187	0.64	0.438	1.531	0.031	0.410	0.431	0.151	2.97	533	2.349	0.050	0.096	-0.764	1.759	0.811
400S125-30	0.031	0.206	0.70	0.481	1.529	0.034	0.408	0.474	0.174	3.44	715	2.303	0.067	0.105	-0.761	1.756	0.812
400S125-33	0.034	0.228	0.77	0.531	1.527	0.038	0.407	0.524	0.203	4.01	976	2.252	0.091	0.115	-0.757	1.752	0.813
550S125-18	0.018	0.153	0.52	0.630	2.029	0.023	0.390	-	-	-	-	-	0.018	0.138	-0.666	2.171	0.906
550S125-27	0.028	0.229	0.78	0.938	2.023	0.034	0.385	0.898	0.246	4.86	382	3.150	0.061	0.202	-0.657	2.162	0.908
550S125-30	0.031	0.252	0.86	1.031	2.021	0.037	0.384	0.996	0.286	5.65	512	3.063	0.082	0.220	-0.654	2.159	0.908
550S125-33	0.034	0.279	0.95	1.139	2.019	0.041	0.382	1.111	0.335	6.62	699	3.012	0.112	0.242	-0.651	2.156	0.909
600S125-18	0.018	0.162	0.55	0.778	2.189	0.024	0.382	-	-	-	-	-	0.019	0.169	-0.637	2.312	0.924
600S125-27	0.028	0.243	0.83	1.160	2.183	0.035	0.377	1.097	0.271	5.35	349	3.479	0.065	0.247	-0.628	2.303	0.926
600S125-30	0.031	0.268	0.91	1.275	2.181	0.038	0.376	1.218	0.315	6.22	468	3.405	0.087	0.270	-0.625	2.300	0.926
600S125-33	0.034	0.297	1.01	1.409	2.179	0.042	0.374	1.361	0.369	7.30	638	3.326	0.118	0.296	-0.622	2.297	0.927

## COMPOSITE DRYWALL LIMITING HEIGHTS\*

Part#	Web in. (1/100in.)	GA. in., (Mils)	5 PSF Interior Wind Load					7.5 PSF Interior Wind Load					10 PSF Interior Wind Load							
			1/2" Layer Gypsum Board Each Side					1/2" Layer Gypsum Board Each Side					1/2" Layer Gypsum Board Each Side							
			16" O.C.		24" O.C.			16" O.C.		24" O.C.			16" O.C.		24" O.C.					
L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360						
162S125-18	1-5/8", (162)	25, (18)	10' 7"	8' 4"	-	9' 9"	7' 11"	-	8' 10"	-	-	8' 0"	-	-	8' 4"	-	-	-	-	-
162S125-27	-	22, (27)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
162S125-30	-	20, (30)*	11' 9"	9' 4"	-	10' 9"	8' 7"	-	-	-	-	-	-	-	-	-	-	-	-	-
162S125-33	-	20, (33)	12' 1"	9' 8"	8' 5"	11' 0"	8' 9"	7' 8"	10' 7"	8' 5"	-	9' 7"	7' 8"	-	9' 8"	-	-	8' 9"	-	-
250S125-18	2-1/2", (250)	25, (18)	13' 3"	11' 3"	9' 10"	11' 10"	10' 7"	9' 3"	10' 10"	9' 10"	8' 7"	9' 8"	9' 3"	8' 1"	9' 5"	8' 11"	-	8' 5"	-	-
250S125-27	-	22, (27)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
250S125-30	-	20, (30)*	15' 9"	12' 6"	10' 10"	14' 2"	11' 4"	9' 10"	-	-	-	-	-	-	-	-	-	-	-	-
250S125-33	-	20, (33)	16' 5"	12' 10"	11' 2"	14' 10"	11' 7"	10' 0"	14' 4"	11' 2"	9' 8"	13' 0"	10' 0"	8' 7"	12' 10"	10' 0"	8' 8"	11' 7"	8' 11"	7' 8"
362S125-18	3-5/8", (362)	25, (18)	15' 4"	14' 4"	12' 4"	13' 9"	13' 5"	11' 7"	12' 5"	12' 5"	10' 10"	11' 0"	11' 0"	10' 1"	10' 9"	10' 9"	9' 9"	9' 5"	9' 5"	9' 1"
362S125-27	-	22, (27)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
362S125-30	-	20, (30)*	19' 7"	16' 0"	13' 10"	17' 6"	14' 6"	12' 6"	18' 6"	14' 9"	12' 9"	18' 1"	14' 3"	12' 6"	16' 5"	12' 11"	11' 4"	14' 9"	11' 7"	10' 1"
362S125-33	-	20, (33)	20' 8"	16' 5"	14' 3"	18' 6"	14' 9"	12' 9"	18' 1"	14' 3"	12' 6"	16' 2"	12' 9"	11' 2"	16' 5"	12' 11"	11' 4"	14' 9"	11' 7"	10' 1"
400S125-18	4", (400)	25, (18)	17' 2"	15' 4"	13' 4"	15' 1"	14' 2"	12' 4"	13' 10"	13' 4"	11' 8"	12' 1"	12' 1"	10' 9"	11' 11"	11' 11"	10' 6"	10' 5"	10' 5"	9' 9"
400S125-27	-	22, (27)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
400S125-30	-	20, (30)*	21' 10"	17' 8"	15' 4"	19' 7"	15' 11"	13' 10"	20' 9"	16' 5"	14' 3"	18' 1"	14' 3"	12' 4"	18' 4"	14' 5"	12' 6"	16' 5"	12' 10"	11' 2"
400S125-33	-	20, (33)	23' 1"	18' 4"	15' 11"	20' 9"	16' 5"	14' 3"	22' 2"	15' 11"	13' 9"	18' 1"	14' 3"	12' 4"	18' 4"	14' 5"	12' 6"	16' 5"	12' 10"	11' 2"
600S125-18	6", (600)	25, (18)	19' 9"	17' 11"	16' 9"	16' 9"	16' 9"	-	16' 2"	16' 2"	15' 7"	13' 5"	13' 5"	13' 5"	14' 0"	14' 0"	13' 10"	11' 5"	11' 5"	11' 5"
600S125-27	-	22, (27)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
600S125-30	-	20, (30)*	28' 7"	23' 6"	20' 7"	25' 1"	20' 7"	18' 4"	-	-	-	-	-	-	-	-	-	-	-	-
600S125-33	-	20, (33)	30' 10"	24' 6"	21' 4"	27' 2"	21' 7"	18' 10"	27' 0"	21' 4"	18' 9"	23' 10"	18' 10"	16' 7"	24' 6"	19' 5"	17' 0"	19' 1"	17' 2"	15' 0"

\*BASED ON AISI 2001 CODE

### Foot Notes:

- D- Distance between the centroid of the section and the web center.
- I<sub>x</sub>- Moment of inertia for deflection about the x-axis.
- S<sub>x</sub>- Section modulus for load about the x-axis.
- Ma- Allowable resisting moment. Listed values incorporate the effects of cold forming as allowed per section A7.2 of the 2001 A.I.S.I. "Specification for Design of Cold Formed Steel Structural Members."

### Notes for the Limiting Heights Table:

- To attain values listed, attachment of drywall stud to runner track with (1) type S drywall screwed to each side, top and bottom, is required. If facing material is not applied to both sides of the framing then horizontal bridging is required. The spacing of this bridging shall not exceed 5' 0" O.C.
- Calculated values based on 33ksi yield strength.

### Note for the Limiting Height With Gypsum Board Table:

Drywall installation shall be in accordance with A.S.T.M. C840- 99a "Application and Finishing of Gypsum Board" The following are thickness for Telling Industries' drywall products:

\* Composite values based on interpolation of test data. f: Flexural stress controls allowable wall height. s: Sheer/web crippling controls allowable wall height  
1: Web-height to thickness ratio exceeds 200. Web stiffeners required at all support points and concentrated loads.

# DRYWALL STUDS

## NON-STRUCTURAL LIMITING WALL HEIGHTS\*

Section	Fy (ksi)	Spacing (in) oc	5 psf			10 psf			15 psf		
			L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
162S125-18	33	12	8' 11"	8' 7"	7' 6"	6' 4"	6' 4"	5' 11"	5' 2"	5' 2"	5' 2"
162S125-18	33	16	7' 9"	7' 9"	6' 10"	5' 6"	5' 6"	5' 5"	4' 5"	4' 5"	4' 5"
162S125-18	33	24	6' 4"	6' 4"	5' 11"	4' 5"	4' 5"	4' 5"	3' 8" e	3' 8" e	3' 8" e
162S125-27	33	12	11' 9"	10' 1"	8' 9"	8' 4"	8' 0"	6' 11"	6' 9"	6' 9"	6' 1"
162S125-27	33	16	10' 2"	9' 1"	8' 0"	7' 2"	7' 2"	6' 4"	5' 10"	5' 10"	5' 6"
162S125-27	33	24	8' 4"	8' 0"	6' 11"	5' 10"	5' 10"	5' 6"	4' 9"	4' 9"	4' 9"
162S125-30	33	12	12' 7"	10' 4"	9' 1"	8' 10"	8' 3"	7' 2"	7' 3"	7' 2"	6' 3"
162S125-30	33	16	10' 10"	9' 5"	8' 3"	7' 8"	7' 5"	6' 6"	6' 3"	6' 3"	5' 8"
162S125-30	33	24	8' 10"	8' 3"	7' 2"	6' 3"	6' 3"	5' 8"	5' 1"	5' 1"	4' 11"
162S125-33	33	12	13' 6"	10' 8"	9' 4"	9' 6"	8' 6"	7' 5"	7' 9"	7' 5"	6' 6"
162S125-33	33	16	11' 8"	9' 9"	8' 6"	8' 3"	7' 8"	6' 9"	6' 9"	6' 9"	5' 10"
162S125-33	33	24	9' 6"	8' 6"	7' 5"	6' 9"	6' 9"	5' 10"	5' 6"	5' 6"	5' 1"
250S125-18	33	12	12' 6"	11' 10"	10' 4"	8' 10"	8' 10"	8' 2"	7' 2" e	7' 2" e	7' 2" e
250S125-18	33	16	10' 10"	10' 9"	9' 5"	7' 7"	7' 7"	7' 5"	6' 3" e	6' 3" e	6' 3" e
250S125-18	33	24	8' 10"	8' 10"	8' 2"	6' 3" e	6' 3" e	6' 3" e	5' 1" e	5' 1" e	5' 1" e
250S125-27	33	12	16' 0"	13' 11"	12' 2"	11' 3"	11' 0"	9' 7"	9' 2"	9' 2"	8' 5"
250S125-27	33	16	13' 10"	12' 7"	11' 0"	9' 9"	9' 9"	8' 9"	8' 0"	8' 0"	7' 8"
250S125-27	33	24	11' 3"	11' 0"	9' 7"	8' 0"	8' 0"	7' 8"	6' 6"	6' 6"	6' 6"
250S125-30	33	12	17' 0"	14' 4"	12' 6"	12' 0"	11' 4"	9' 11"	9' 9"	9' 9"	8' 8"
250S125-30	33	16	14' 8"	13' 0"	11' 4"	10' 5"	10' 4"	9' 0"	8' 6"	8' 6"	7' 10"
250S125-30	33	24	12' 0"	11' 4"	9' 11"	8' 6"	8' 6"	7' 10"	6' 11"	6' 11"	6' 10"
250S125-33	33	12	18' 2"	14' 10"	12' 11"	12' 10"	11' 9"	10' 3"	10' 5"	10' 3"	9' 0"
250S125-33	33	16	15' 8"	13' 6"	11' 9"	11' 1"	10' 8"	9' 4"	9' 1"	9' 1"	8' 2"
250S125-33	33	24	12' 10"	11' 9"	10' 3"	9' 1"	9' 1"	8' 2"	7' 5"	7' 5"	7' 1"
350S125-18	33	12	13' 9"	13' 9"	13' 7"	9' 8"	9' 8"	9' 8"	7' 11" e	7' 11" e	7' 11" e
350S125-18	33	16	11' 11"	11' 11"	11' 11"	8' 5" e	8' 5" e	8' 5" e	6' 10" e	6' 10" e	6' 10" e
350S125-18	33	24	9' 8"	9' 8"	9' 8"	6' 10" e	6' 10" e	6' 10" e	5' 7" e	5' 7" e	5' 7" e
350S125-27	33	12	18' 6"	18' 0"	15' 9"	13' 1"	13' 1"	12' 6"	10' 8"	10' 8"	10' 8"
350S125-27	33	16	16' 0"	16' 0"	14' 4"	11' 4"	11' 4"	11' 4"	9' 3"	9' 3"	9' 3"
350S125-27	33	24	13' 1"	13' 1"	12' 6"	9' 3"	9' 3"	9' 3"	7' 6" e	7' 6" e	7' 6" e
350S125-30	33	12	19' 10"	18' 7"	16' 3"	14' 0"	14' 0"	12' 11"	11' 5"	11' 5"	11' 3"
350S125-30	33	16	17' 2"	16' 11"	14' 9"	12' 2"	12' 2"	11' 8"	9' 11"	9' 11"	9' 11"
350S125-30	33	24	14' 0"	14' 0"	12' 11"	9' 11"	9' 11"	9' 11"	8' 1"	8' 1"	8' 1"
350S125-33	33	12	21' 5"	19' 3"	16' 10"	15' 2"	15' 2"	13' 4"	12' 4"	12' 4"	11' 8"
350S125-33	33	16	18' 6"	17' 6"	15' 3"	13' 1"	13' 1"	12' 1"	10' 8"	10' 8"	10' 7"
350S125-33	33	24	15' 2"	15' 2"	13' 4"	10' 8"	10' 8"	10' 7"	8' 9"	8' 9"	8' 9"
362S125-18	33	12	14' 0"	14' 0"	14' 0"	9' 11" e	9' 11" e	9' 11" e	8' 1" e	8' 1" e	8' 1" e
362S125-18	33	16	12' 1"	12' 1"	12' 1"	8' 7" e	8' 7" e	8' 7" e	7' 0" e	7' 0" e	7' 0" e
362S125-18	33	24	9' 11" e	9' 11" e	9' 11" e	7' 0" e	7' 0" e	7' 0" e	5' 8" e	5' 8" e	5' 8" e
362S125-27	33	12	18' 10"	18' 6"	16' 2"	13' 4"	13' 4"	12' 10"	10' 10"	10' 10"	10' 10"
362S125-27	33	16	16' 4"	16' 4"	14' 8"	11' 6"	11' 6"	11' 6"	9' 5"	9' 5"	9' 5"
362S125-27	33	24	13' 4"	13' 4"	12' 10"	9' 5"	9' 5"	9' 5"	7' 8" e	7' 8" e	7' 8" e
362S125-30	33	12	20' 3"	19' 1"	16' 8"	14' 4"	14' 4"	13' 3"	11' 8"	11' 8"	11' 7"
362S125-30	33	16	17' 6"	17' 4"	15' 2"	12' 4"	12' 4"	12' 0"	10' 1"	10' 1"	10' 1"
362S125-30	33	24	14' 4"	14' 4"	13' 3"	10' 1"	10' 1"	10' 1"	8' 3"	8' 3"	8' 3"
362S125-33	33	12	21' 10"	19' 9"	17' 3"	15' 5"	15' 5"	13' 8"	12' 7"	12' 7"	12' 0"
362S125-33	33	16	18' 11"	18' 0"	15' 8"	13' 4"	13' 4"	12' 5"	10' 11"	10' 11"	10' 10"
362S125-33	33	24	15' 5"	15' 5"	13' 8"	10' 11"	10' 11"	10' 10"	8' 11"	8' 11"	8' 11"
400S125-18	33	12	14' 9" e	14' 9" e	14' 9" e	10' 5" e	10' 5" e	10' 5" e	8' 6" e	8' 6" e	8' 6" e
400S125-18	33	16	12' 9" e	12' 9" e	12' 9" e	9' 0" e	9' 0" e	9' 0" e	7' 4" e	7' 4" e	7' 4" e
400S125-18	33	24	10' 5" e	10' 5" e	10' 5" e	7' 4" e	7' 4" e	7' 4" e	6' 0" e	6' 0" e	6' 0" e
400S125-27	33	12	19' 10"	19' 10"	17' 6"	14' 0"	14' 0"	13' 10"	11' 5"	11' 5"	11' 5"
400S125-27	33	16	17' 2"	17' 2"	15' 11"	12' 2"	12' 2"	12' 2"	9' 11"	9' 11"	9' 11"
400S125-27	33	24	14' 0"	14' 0"	13' 10"	9' 11"	9' 11"	9' 11"	8' 1" e	8' 1" e	8' 1" e
400S125-30	33	12	21' 4"	20' 8"	18' 1"	15' 1"	15' 1"	14' 4"	12' 4"	12' 4"	12' 4"
400S125-30	33	16	18' 6"	18' 6"	16' 5"	13' 1"	13' 1"	13' 0"	10' 8"	10' 8"	10' 8"
400S125-30	33	24	15' 1"	15' 1"	14' 4"	10' 8"	10' 8"	10' 8"	8' 8"	8' 8"	8' 8"
400S125-33	33	12	23' 1"	21' 4"	18' 8"	16' 4"	16' 4"	14' 10"	13' 4"	13' 4"	12' 11"
400S125-33	33	16	20' 0"	19' 5"	16' 11"	14' 1"	14' 1"	13' 5"	11' 6"	11' 6"	11' 6"
400S125-33	33	24	16' 4"	16' 4"	14' 10"	11' 6"	11' 6"	11' 6"	9' 5"	9' 5"	9' 5"
550S125-27	33	12	25' 5"	25' 5"	22' 4"	18' 0"	18' 0"	17' 9"	14' 8" e	14' 8" e	14' 8" e
550S125-27	33	16	22' 0"	22' 0"	20' 4"	15' 7" e	15' 7" e	15' 7" e	12' 8" e	12' 8" e	12' 8" e
550S125-27	33	24	18' 0"	18' 0"	17' 9"	12' 8" e	12' 8" e	12' 8" e	10' 4" e	10' 4" e	10' 4" e
550S125-30	33	12	27' 5"	26' 6"	23' 2"	19' 4"	19' 4"	18' 4"	15' 10"	15' 10"	15' 10"
550S125-30	33	16	23' 9"	23' 9"	21' 0"	16' 9"	16' 9"	16' 8"	13' 8" e	13' 8" e	13' 8" e
550S125-30	33	24	19' 4"	19' 4"	18' 4"	13' 8" e	13' 8" e	13' 8" e	11' 2" e	11' 2" e	11' 2" e
550S125-33	33	12	29' 8"	27' 6"	24' 0"	21' 0"	21' 0"	19' 0"	17' 1"	17' 1"	16' 7"
550S125-33	33	16	25' 8"	24' 11"	21' 9"	18' 2"	18' 2"	17' 3"	14' 10"	14' 10"	14' 10"
550S125-33	33	24	21' 0"	21' 0"	19' 0"	14' 10"	14' 10"	14' 10"	12' 1" e	12' 1" e	12' 1" e
600S125-27	33	12	26' 8" e	26' 8" e	23' 11" e	18' 10" e	18' 10" e	18' 10" e	15' 5" e	15' 5" e	15' 5" e
600S125-27	33	16	23' 1" e	23' 1" e	21' 8" e	16' 4" e	16' 4" e	16' 4" e	13' 4" e	13' 4" e	13' 4" e
600S125-27	33	24	18' 10" e	18' 10" e	18' 10" e	13' 4" e	13' 4" e	13' 4" e	10' 10" e	10' 10" e	10' 10" e
600S125-30	33	12	28' 9"	28' 4"	24' 9"	20' 4"	20' 4"	19' 7"	16' 7" e	16' 7" e	16' 7" e
600S125-30	33	16	24' 11"	24' 11"	22' 6"	17' 7"	17' 7"	17' 7"	14' 4" e	14' 4" e	14' 4" e
600S125-30	33	24	20' 4"	20' 4"	19' 7"	14' 4" e	14' 4" e	14' 4" e	11' 9" e	11' 9" e	11' 9" e
600S125-33	33	12	31' 2"	29' 5"	25' 8"	22' 0"	22' 0"	20' 4"	18' 0"	18' 0"	17' 9"
600S125-33	33	16	27' 0"	26' 8"	23' 4"	19' 1"	19' 1"	18' 6"	15' 7" e	15' 7" e	15' 7" e
600S125-33	33	24	22' 0"	22' 0"	20' 4"	15' 7" e	15' 7" e	15' 7" e	12' 8" e	12' 8" e	12' 8" e

\*BASED ON AISI 2004 CODE

### Notes

1. Lateral loads have not been modified for strength checks.
2. Lateral loads have been multiplied by 0.7 for deflection determination.
3. Limiting heights based on continuous support of each flange over the full length of the stud.
4. Limiting heights are based on steel properties only (non-composite).
5. Web crippling check based on 1 inch end bearing. Where listed limiting heights are followed by "e", web stiffeners are required.