Combined Axial and Lateral Load Tables

Table Notes

1 Limiting factored axial compressive resistances are based on a simple one span condition and are given in kip based on the assumption that the axial load passes through the centroid of the effective section.

2 Limiting axial resistances are based on 4'-0" on centre bracing. The ends of the studs are also assumed to be laterally and torsionally restrained. Design bridging for the accumulated torsion between bridging lines in combination with the discrete bracing requirements. Provide periodic anchorage for the bridging as required structurally.

3 Wind loads shown are factored and uniformly distributed over the surface of the wall. Axial loads are factored and are per stud. Seismic loads are not considered.

4 For wind load deflection calculations, $p = I_w \{qC_eC_gC_p\}$. I_w of 0.75 has been incorporated in the deflection values of the table. The parameters in the bracket { } must be determined by the design professional in accordance with the NBCC.

5 End supports are not checked for web crippling. See web crippling data on page 83.

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

0 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362S162					362S200					362S250					362S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	3.03	4.15	6.28	8.06	11.7	3.59	5.09	7.81	9.95	14.1	3.87	5.75	8.74	11.5	16.2	4.02	5.86	8.78	12.1	17.8
	16	3.03	4.15	6.28	8.06	11.7	3.59	5.09	7.81	9.95	14.1	3.87	5.75	8.74	11.5	16.2	4.02	5.86	8.78	12.1	17.8
	24	3.03	4.15	6.28	8.06	11.7	3.59	5.09	7.81	9.95	14.1	3.87	5.75	8.74	11.5	16.2	4.02	5.86	8.78	12.1	17.8
9	12	2.93	4.01	5.94	7.57	10.9	3.48	4.90	7.35	9.30	13.1	3.75	5.58	8.34	10.8	15.1	3.90	5.71	8.40	11.5	17.0
	16	2.93	4.01	5.94	7.57	10.9	3.48	4.90	7.35	9.30	13.1	3.75	5.58	8.34	10.8	15.1	3.90	5.70	8.40	11.5	17.0
	24	2.93	4.00	5.94	7.57	10.9	3.47	4.89	7.35	9.30	13.1	3.75	5.58	8.34	10.8	15.1	3.90	5.70	8.40	11.5	17.0
10	12	2.81	3.84	5.56	7.03	10.1	3.35	4.67	6.84	8.60	12.1	3.62	5.39	7.92	9.99	14.0	3.77	5.53	7.98	10.7	15.8
	16	2.81	3.84	5.56	7.03	10.1	3.35	4.67	6.84	8.60	12.1	3.62	5.39	7.92	9.99	14.0	3.77	5.53	7.98	10.7	15.8
	24	2.81	3.84	5.56	7.03	10.1	3.35	4.67	6.84	8.60	12.1	3.62	5.39	7.92	9.99	14.0	3.77	5.53	7.98	10.7	15.8
12	12	2.53	3.45	4.65	5.82	8.22	3.05	4.17	5.69	7.08	9.87	3.31	4.85	6.66	8.27	11.5	3.47	5.11	7.14	9.22	13.1
	16	2.53	3.45	4.65	5.82	8.22	3.05	4.17	5.69	7.08	9.87	3.31	4.85	6.66	8.27	11.5	3.47	5.11	7.14	9.22	13.1
	24	2.53	3.45	4.65	5.82	8.22	3.05	4.17	5.69	7.08	9.87	3.31	4.85	6.66	8.27	11.5	3.47	5.11	7.14	9.22	13.1
14	12	2.21	3.00	3.81	4.74	6.59	2.69	3.62	4.63	5.73	7.92	2.97	4.23	5.43	6.72	9.29	3.14	4.64	6.13	7.69	10.6
	16	2.21	3.00	3.81	4.74	6.59	2.68	3.62	4.63	5.73	7.92	2.97	4.23	5.43	6.72	9.29	3.14	4.64	6.13	7.69	10.6
	24	2.20	3.00	3.81	4.74	6.59	2.68	3.62	4.63	5.73	7.92	2.97	4.23	5.43	6.72	9.29	3.13	4.64	6.13	7.69	10.6
16	12	1.87	2.53	3.13	3.87	5.33	2.27	3.06	3.79	4.68	6.43	2.61	3.59	4.45	5.51	7.58	2.78	4.11	5.11	6.33	8.72
	16	1.87	2.53	3.13	3.87	5.33	2.27	3.06	3.79	4.68	6.43	2.61	3.59	4.45	5.51	7.58	2.78	4.11	5.11	6.33	8.72
	24	1.87	2.53	3.13	3.87	5.33	2.27	3.06	3.79	4.68	6.42	2.60	3.59	4.45	5.51	7.58	2.77	4.11	5.11	6.32	8.71
18	12	1.58	2.10	2.59	3.20	4.37	1.91	2.54	3.13	3.86	5.28	2.25	2.99	3.69	4.56	6.26	2.43	3.44	4.25	5.26	7.23
	16	1.58	2.10	2.59	3.20	4.37	1.91	2.54	3.13	3.86	5.28	2.25	2.99	3.69	4.56	6.26	2.43	3.43	4.25	5.26	7.23
	24	1.58	2.10	2.59	3.20	4.37	1.91	2.53	3.13	3.86	5.28	2.25	2.99	3.69	4.56	6.26	2.42	3.43	4.25	5.26	7.22
20	12	1.35	1.76	2.17	2.67	3.63	1.62	2.12	2.62	3.23	4.40	1.92	2.51	3.10	3.83	5.23	2.13	2.89	3.57	4.42	6.06
	16	1.35	1.76	2.17	2.67	3.63	1.62	2.12	2.62	3.23	4.40	1.91	2.51	3.10	3.82	5.23	2.13	2.89	3.57	4.42	6.06
	24	1.34	1.76	2.17	2.67	3.63	1.62	2.12	2.62	3.23	4.40	1.91	2.51	3.10	3.82	5.23	2.13	2.89	3.57	4.42	6.06

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

10 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362S162					362S200					362S250					362S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	2.58	3.69	5.85	7.63	11.3	3.10	4.60	7.34	9.49	13.7	3.38	5.22	8.24	11.0	15.8	3.55	5.36	8.32	11.6	17.4
	16	2.43	3.54	5.72	7.49	11.1	2.94	4.44	7.18	9.34	13.5	3.23	5.06	8.08	10.9	15.6	3.39	5.19	8.16	11.5	17.2
	24	2.15	3.26	5.45	7.23	10.9	2.64	4.13	6.88	9.04	13.3	2.92	4.73	7.77	10.6	15.3	3.09	4.87	7.87	11.1	16.9
9	12	2.35	3.42	5.40	7.03	10.4	2.85	4.26	6.74	8.72	12.6	3.13	4.90	7.70	10.2	14.5	3.30	5.05	7.80	10.9	16.4
	16	2.18	3.24	5.23	6.86	10.2	2.66	4.06	6.55	8.53	12.4	2.94	4.69	7.49	9.95	14.4	3.11	4.84	7.61	10.7	16.2
	24	1.84	2.89	4.90	6.53	9.92	2.29	3.68	6.19	8.17	12.1	2.57	4.28	7.10	9.55	14.0	2.74	4.44	7.24	10.3	15.8
10	12	2.11	3.12	4.90	6.37	9.45	2.58	3.89	6.10	7.89	11.4	2.86	4.54	7.11	9.21	13.3	3.02	4.71	7.24	9.96	15.0
	16	1.90	2.90	4.70	6.17	9.25	2.35	3.66	5.88	7.66	11.2	2.63	4.28	6.87	8.96	13.0	2.80	4.45	7.00	9.71	14.8
	24	1.52	2.49	4.32	5.78	8.88	1.93	3.22	5.45	7.24	10.8	2.19	3.80	6.39	8.50	12.6	2.36	3.97	6.56	9.24	14.3
12	12	1.59	2.46	3.80	4.97	7.42	2.00	3.11	4.75	6.16	9.03	2.26	3.68	5.60	7.25	10.5	2.44	3.94	6.08	8.15	12.1
	16	1.34[4]	2.20	3.56	4.73	7.18	1.72	2.81	4.48	5.90	8.78	1.98	3.35	5.30	6.95	10.3	2.14	3.60	5.77	7.83	11.8
	24	0.90[3]	1.71[4]	3.12	4.28	6.74	1.22[3]	2.28[4]	3.99	5.40	8.31	1.45[4]	2.76	4.75	6.40	9.71	1.61[4]	2.99	5.19	7.24	11.2
14	12	1.11[3]	1.83	2.85	3.78	5.69	1.44[4]	2.34	3.56	4.69	6.97	1.69	2.80	4.23	5.56	8.19	1.85	3.13	4.82	6.41	9.45
	16	0.85[3]	1.54[3]	2.60[4]	3.52	5.43	1.14[3]	2.03[4]	3.28	4.41	6.69	1.37[3]	2.45	3.91	5.24	7.87	1.52[4]	2.75	4.47	6.05	9.11
	24	0.39[2]	1.04[3]	2.15[3]	3.06[3]	4.97	0.62[2]	1.47[3]	2.79[3]	3.90[4]	6.20	0.81[3]	1.82[3]	3.35[4]	4.67	7.30	0.94[3]	2.07[3]	3.85[4]	5.42	8.48
16	12	0.72[3]	1.29[3]	2.12[4]	2.86	4.37	0.96[3]	1.69[3]	2.67	3.58	5.40	1.18[3]	2.05[4]	3.19	4.26	6.39	1.32[3]	2.37	3.69	4.94	7.42
	16	0.46[2]	1.01[3]	1.87[3]	2.60[3]	4.12	0.67[2]	1.38[3]	2.39[3]	3.30[4]	5.13	0.86[3]	1.69[3]	2.87[4]	3.94	6.06	0.98[3]	1.97[3]	3.34[4]	4.58	7.06
	24	0.02[1]	0.52[2]	1.44[2]	2.15[3]	3.67[3]	0.17[1]	0.84[2]	1.91[3]	2.80[3]	4.63[4]	0.30[2]	1.09[2]	2.33[3]	3.38[3]	5.49	0.39[2]	1.29[3]	2.72[3]	3.95[3]	6.43
18	12	0.42[2]	0.87[2]	1.57[3]	2.17[3]	3.39	0.60[2]	1.18[3]	2.00[3]	2.74[4]	4.23	0.77[2]	1.45[3]	2.40[3]	3.28	5.02	0.89[3]	1.69[3]	2.80[4]	3.82	5.86
	16	0.18[1]	0.60[2]	1.34[2]	1.92[3]	3.15[3]	0.32[2]	0.88[2]	1.74[3]	2.47[3]	3.96[4]	0.46[2]	1.11[3]	2.11[3]	2.97[3]	4.70	0.56[2]	1.31[3]	2.46[3]	3.48[4]	5.51
	24		0.15[1]	0.93[1]	1.50[2]	2.72[3]		0.38[1]	1.29[2]	2.00[2]	3.48[3]		0.54[2]	1.59[2]	2.44[3]	4.14[3]		0.66[2]	1.87[2]	2.87[3]	4.89[3]
20	12	0.21[1]	0.56[2]	1.16[2]	1.65[3]	2.66[3]	0.34[1]	0.80[2]	1.50[3]	2.11[3]	3.34[4]	0.46[2]	1.00[2]	1.82[3]	2.54[3]	3.98	0.56[2]	1.18[3]	2.12[3]	2.98[3]	4.67
	16		0.31[1]	0.94[1]	1.42[2]	2.42[3]	0.08[1]	0.53[1]	1.26[2]	1.85[2]	3.08[3]	0.17[1]	0.69[2]	1.54[2]	2.25[3]	3.67[3]	0.24[1]	0.82[2]	1.80[2]	2.64[3]	4.33[4]
	24			0.56[1]	1.02[1]	2.02[2]		0.06[1]	0.83[1]	1.41[1]	2.63[2]		0.16[1]	1.05[1]	1.74[2]	3.14[3]		0.22[1]	1.25[1]	2.07[2]	3.74[3]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

20 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362S162					362S200					362S250					362S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	2.15	3.26	5.45	7.23	10.9	2.64	4.13	6.88	9.04	13.3	2.92	4.73	7.77	10.6	15.3	3.09	4.87	7.87	11.1	16.9
	16	1.89	2.98	5.19	6.96	10.6	2.35	3.83	6.59	8.76	13.0	2.63	4.41	7.46	10.2	15.0	2.80	4.55	7.57	10.8	16.6
	24	1.38	2.46	4.69	6.46	10.2	1.80	3.26	6.04	8.20	12.5	2.07	3.80	6.87	9.62	14.4	2.24	3.95	7.01	10.2	16.0
9	12	1.84	2.89	4.90	6.53	9.92	2.29	3.68	6.19	8.17	12.1	2.57	4.28	7.10	9.55	14.0	2.74	4.44	7.24	10.3	15.8
	16	1.52	2.56	4.59	6.21	9.62	1.95	3.32	5.84	7.82	11.8	2.22	3.89	6.72	9.16	13.6	2.38	4.05	6.88	9.86	15.4
	24	0.94[3]	1.94[4]	4.00	5.61	9.03	1.31[4]	2.65	5.18	7.16	11.2	1.56[4]	3.16	6.01	8.43	12.9	1.72	3.32	6.19	9.12	14.6
10	12	1.52	2.49	4.32	5.78	8.88	1.93	3.22	5.45	7.24	10.8	2.19	3.80	6.39	8.50	12.6	2.36	3.97	6.56	9.24	14.3
	16	1.16[4]	2.12	3.96	5.42	8.52	1.54[4]	2.80	5.05	6.84	10.5	1.79	3.34	5.95	8.05	12.1	1.95	3.52	6.13	8.79	13.9
	24	0.52[3]	1.43[3]	3.30[4]	4.74	7.86	0.83[3]	2.05[4]	4.32	6.10	9.75	1.06[3]	2.51[4]	5.13	7.23	11.3	1.20[3]	2.68	5.34	7.94	13.0
12	12	0.90[3]	1.71[4]	3.12	4.28	6.74	1.22[3]	2.28[4]	3.99	5.40	8.31	1.45[4]	2.76	4.75	6.40	9.71	1.61[4]	2.99	5.19	7.24	11.2
	16	0.51[2]	1.28[3]	2.73[3]	3.87[4]	6.33	0.78[3]	1.81[3]	3.54[4]	4.95	7.87	0.99[3]	2.23[4]	4.25	5.90	9.21	1.13[3]	2.44[4]	4.67	6.70	10.6
	24		0.53[2]	2.03[3]	3.14[3]	5.59[4]	0.01[2]	0.98[2]	2.76[3]	4.15[3]	7.07	0.17[2]	1.29[3]	3.36[3]	4.99[4]	8.28	0.27[2]	1.45[3]	3.73[3]	5.71[4]	9.63
14	12	0.39[2]	1.04[3]	2.15[3]	3.06[3]	4.97	0.62[2]	1.47[3]	2.79[3]	3.90[4]	6.20	0.81[3]	1.82[3]	3.35[4]	4.67	7.30	0.94[3]	2.07[3]	3.85[4]	5.42	8.48
	16		0.60[2]	1.76[2]	2.65[3]	4.56[3]	0.17[2]	0.99[2]	2.35[3]	3.45[3]	5.75[4]	0.32[2]	1.28[3]	2.85[3]	4.15[3]	6.77	0.42[2]	1.47[3]	3.29[3]	4.84[4]	7.90
	24			1.08[1]	1.93[2]	3.82[3]		0.16[1]	1.59[2]	2.66[2]	4.94[3]		0.34[2]	1.98[2]	3.25[3]	5.84[3]		0.44[2]	2.33[2]	3.84[3]	6.88[4]
16	12	0.02[1]	0.52[2]	1.44[2]	2.15[3]	3.67[3]	0.17[1]	0.84[2]	1.91[3]	2.80[3]	4.63[4]	0.30[2]	1.09[2]	2.33[3]	3.38[3]	5.49	0.39[2]	1.29[3]	2.72[3]	3.95[3]	6.43
	16		0.11[1]	1.07[1]	1.76[2]	3.27[3]		0.38[1]	1.50[2]	2.37[2]	4.19[3]		0.56[2]	1.85[2]	2.88[3]	4.97[3]		0.69[2]	2.18[2]	3.40[3]	5.86[4]
	24			0.43[1]	1.08[1]	2.57[2]			0.78[1]	1.62[1]	3.42[2]			1.03[1]	2.03[2]	4.07[3]			1.26[1]	2.43[2]	4.86[3]
18	12		0.15[1]	0.93[1]	1.50[2]	2.72[3]		0.38[1]	1.29[2]	2.00[2]	3.48[3]		0.54[2]	1.59[2]	2.44[3]	4.14[3]		0.66[2]	1.87[2]	2.87[3]	4.89[3]
	16			0.58[1]	1.13[1]	2.34[2]			0.90[1]	1.59[1]	3.06[2]		0.06[1]	1.14[1]	1.97[2]	3.65[3]		0.11[1]	1.37[1]	2.34[2]	4.34[3]
	24				0.50[1]	1.68[1]			0.23[1]	0.89[1]	2.34[1]			0.38[1]	1.17[1]	2.80[2]			0.50[1]	1.44[1]	3.40[2]
20	12			0.56[1]	1.02[1]	2.02[2]		0.06[1]	0.83[1]	1.41[1]	2.63[2]		0.16[1]	1.05[1]	1.74[2]	3.14[3]		0.22[1]	1.25[1]	2.07[2]	3.74[3]
	16			0.24[1]	0.68[1]	1.66[1]			0.47[1]	1.03[1]	2.24[1]			0.64[1]	1.30[1]	2.68[2]			0.78[1]	1.58[1]	3.22[2]
	24				0.09[1]	1.06[1]				0.38[1]	1.56[1]				0.56[1]	1.88[1]				0.74[1]	2.33[1]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

30 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362S162					362S200					362S250					362S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.76	2.85	5.06	6.83	10.5	2.21	3.68	6.45	8.62	12.9	2.49	4.25	7.31	10.1	14.9	2.66	4.40	7.43	10.7	16.5
	16	1.38	2.46	4.69	6.46	10.2	1.80	3.26	6.04	8.20	12.5	2.07	3.80	6.87	9.62	14.4	2.24	3.95	7.01	10.2	16.0
	24	0.69[3]	1.73[4]	3.99	5.74	9.46	1.04[4]	2.46	5.25	7.41	11.8	1.29[4]	2.94	6.03	8.75	13.6	1.45	3.09	6.20	9.35	15.2
9	12	1.37	2.40	4.44	6.05	9.47	1.78	3.15	5.67	7.65	11.6	2.05	3.70	6.54	8.98	13.4	2.21	3.86	6.70	9.67	15.2
	16	0.94[3]	1.94[4]	4.00	5.61	9.03	1.31[4]	2.65	5.18	7.16	11.2	1.56[4]	3.16	6.01	8.43	12.9	1.72	3.32	6.19	9.12	14.6
	24	0.16[3]	1.11[3]	3.19[3]	4.77[4]	8.21	0.45[3]	1.74[3]	4.27[4]	6.24	10.3	0.67[3]	2.16[4]	5.02	7.41	11.9	0.81[3]	2.31[4]	5.23	8.08	13.6
10	12	0.99[3]	1.94[4]	3.79	5.24	8.35	1.35[4]	2.61	4.86	6.65	10.3	1.60[4]	3.13	5.74	7.84	11.9	1.76	3.30	5.93	8.57	13.7
	16	0.52[3]	1.43[3]	3.30[4]	4.74	7.86	0.83[3]	2.05[4]	4.32	6.10	9.75	1.06[3]	2.51[4]	5.13	7.23	11.3	1.20[3]	2.68	5.34	7.94	13.0
	24		0.53[2]	2.43[3]	3.83[3]	6.94[4]		1.06[3]	3.34[3]	5.10[4]	8.77	0.08[2]	1.40[3]	4.04[3]	6.10	10.2	0.20[3]	1.54[3]	4.25[4]	6.77	11.8
12	12	0.32[2]	1.08[3]	2.54[3]	3.68[4]	6.14	0.57[3]	1.59[3]	3.34[3]	4.74[4]	7.66	0.77[3]	1.98[3]	4.01[4]	5.66	8.97	0.90[3]	2.18[4]	4.42[4]	6.44	10.4
	16		0.53[2]	2.03[3]	3.14[3]	5.59[4]	0.01[2]	0.98[2]	2.76[3]	4.15[3]	7.07	0.17[2]	1.29[3]	3.36[3]	4.99[4]	8.28	0.27[2]	1.45[3]	3.73[3]	5.71[4]	9.63
	24			1.12[2]	2.19[2]	4.61[3]			1.74[2]	3.10[2]	6.00[3]		0.10[2]	2.20[2]	3.80[3]	7.06[3]		0.19[2]	2.50[2]	4.41[3]	8.29[4]
14	12		0.40[2]	1.58[2]	2.46[3]	4.36[3]		0.77[2]	2.15[3]	3.24[3]	5.53[4]	0.10[2]	1.03[2]	2.62[3]	3.92[3]	6.53	0.19[2]	1.20[3]	3.04[3]	4.58[3]	7.63
	16			1.08[1]	1.93[2]	3.82[3]		0.16[1]	1.59[2]	2.66[2]	4.94[3]		0.34[2]	1.98[2]	3.25[3]	5.84[3]		0.44[2]	2.33[2]	3.84[3]	6.88[4]
	24			0.22[1]	1.02[1]	2.88[2]			0.62[1]	1.65[1]	3.91[2]			0.88[1]	2.11[2]	4.63[3]			1.10[1]	2.55[2]	5.54[3]
16	12			0.90[1]	1.58[2]	3.08[2]		0.17[1]	1.31[2]	2.17[2]	3.99[3]		0.32[1]	1.63[2]	2.66[2]	4.73[3]		0.42[2]	1.93[2]	3.14[3]	5.59[3]
	16			0.43[1]	1.08[1]	2.57[2]			0.78[1]	1.62[1]	3.42[2]			1.03[1]	2.03[2]	4.07[3]			1.26[1]	2.43[2]	4.86[3]
	24				0.23[1]	1.68[1]				0.68[1]	2.45[1]			0.01[1]	0.95[1]	2.93[2]			0.10[1]	1.22[1]	3.59[2]
18	12			0.42[1]	0.96[1]	2.16[2]			0.72[1]	1.40[1]	2.87[2]			0.94[1]	1.75[2]	3.42[2]			1.13[1]	2.10[2]	4.09[3]
	16				0.50[1]	1.68[1]			0.23[1]	0.89[1]	2.34[1]			0.38[1]	1.17[1]	2.80[2]			0.50[1]	1.44[1]	3.40[2]
	24					0.87[1]				0.02[1]	1.44[1]				0.17[1]	1.73[1]				0.32[1]	2.20[1]
20	12			0.09[1]	0.52[1]	1.50[1]			0.31[1]	0.86[1]	2.06[1]			0.45[1]	1.10[1]	2.46[2]			0.57[1]	1.35[1]	2.98[2]
	16				0.09[1]	1.06[1]				0.38[1]	1.56[1]				0.56[1]	1.88[1]				0.74[1]	2.33[1]
	24					0.30[1]					0.72[1]					0.89[1]					1.22[1]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

40 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362S162					362S200					362S250					362S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.38	2.46	4.69	6.46	10.2	1.80	3.26	6.04	8.20	12.5	2.07	3.80	6.87	9.62	14.4	2.24	3.95	7.01	10.2	16.0
	16	0.91[3]	1.97	4.22	5.97	9.69	1.29[4]	2.72	5.51	7.67	12.0	1.55	3.22	6.30	9.03	13.9	1.71	3.37	6.46	9.64	15.5
	24	0.05[3]	1.05[3]	3.33[4]	5.06	8.80	0.34[3]	1.72[3]	4.51	6.67	11.1	0.57[3]	2.13[4]	5.24	7.92	12.8	0.71[3]	2.28	5.43	8.52	14.3
9	12	0.94[3]	1.94[4]	4.00	5.61	9.03	1.31[4]	2.65	5.18	7.16	11.2	1.56[4]	3.16	6.01	8.43	12.9	1.72	3.32	6.19	9.12	14.6
	16	0.41[3]	1.38[3]	3.45[4]	5.04	8.48	0.72[3]	2.03[4]	4.57	6.54	10.6	0.95[3]	2.48	5.34	7.74	12.2	1.10[3]	2.64	5.54	8.42	13.9
	24		0.36[2]	2.46[3]	4.00[3]	7.44		0.91[3]	3.45[3]	5.40[4]	9.45		1.24[3]	4.11[3]	6.47	11.0		1.38[3]	4.33[4]	7.11	12.6
10	12	0.52[3]	1.43[3]	3.30[4]	4.74	7.86	0.83[3]	2.05[4]	4.32	6.10	9.75	1.06[3]	2.51[4]	5.13	7.23	11.3	1.20[3]	2.68	5.34	7.94	13.0
	16		0.82[3]	2.71[3]	4.12[3]	7.23	0.20[2]	1.37[3]	3.65[3]	5.42[4]	9.09	0.39[3]	1.76[3]	4.39[4]	6.46	10.6	0.52[3]	1.91[3]	4.60[4]	7.15	12.2
	24			1.65[2]	3.01[3]	6.10[3]		0.17[2]	2.46[3]	4.19[3]	7.87[4]		0.42[2]	3.05[3]	5.09[3]	9.18		0.52[3]	3.27[3]	5.70[3]	10.7
12	12		0.53[2]	2.03[3]	3.14[3]	5.59[4]	0.01[2]	0.98[2]	2.76[3]	4.15[3]	7.07	0.17[2]	1.29[3]	3.36[3]	4.99[4]	8.28	0.27[2]	1.45[3]	3.73[3]	5.71[4]	9.63
	16			1.41[2]	2.49[2]	4.92[3]		0.25[2]	2.07[2]	3.43[3]	6.34[3]		0.48[2]	2.57[3]	4.17[3]	7.45[4]		0.59[2]	2.89[3]	4.82[3]	8.72
	24			0.34[1]	1.35[1]	3.74[2]			0.86[1]	2.17[2]	5.06[3]			1.20[2]	2.75[2]	5.96[3]			1.43[2]	3.27[2]	7.09[3]
14	12			1.08[1]	1.93[2]	3.82[3]		0.16[1]	1.59[2]	2.66[2]	4.94[3]		0.34[2]	1.98[2]	3.25[3]	5.84[3]		0.44[2]	2.33[2]	3.84[3]	6.88[4]
	16			0.49[1]	1.30[1]	3.18[2]			0.93[1]	1.97[2]	4.23[2]			1.23[1]	2.47[2]	5.01[3]			1.49[2]	2.96[2]	5.97[3]
	24				0.23[1]	2.06[1]				0.78[1]	3.00[1]				1.11[1]	3.58[2]			0.04[1]	1.44[1]	4.38[2]
16	12			0.43[1]	1.08[1]	2.57[2]			0.78[1]	1.62[1]	3.42[2]			1.03[1]	2.03[2]	4.07[3]			1.26[1]	2.43[2]	4.86[3]
	16				0.50[1]	1.96[1]			0.17[1]	0.97[1]	2.76[1]			0.33[1]	1.29[1]	3.29[2]			0.46[1]	1.60[1]	3.99[2]
	24					0.92[1]					1.61[1]				0.03[1]	1.94[1]				0.19[1]	2.49[1]
18	12				0.50[1]	1.68[1]			0.23[1]	0.89[1]	2.34[1]			0.38[1]	1.17[1]	2.80[2]			0.50[1]	1.44[1]	3.40[2]
	16					1.12[1]				0.30[1]	1.72[1]				0.48[1]	2.07[1]				0.67[1]	2.58[1]
	24					0.17[1]					0.66[1]					0.82[1]					1.18[1]
20	12				0.09[1]	1.06[1]				0.38[1]	1.56[1]				0.56[1]	1.88[1]				0.74[1]	2.33[1]
	16					0.54[1]					0.99[1]					1.20[1]				0.02[1]	1.57[1]
	24										0.01[1]					0.04[1]					0.27[1]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

50 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362S162					362S200					362S250					362S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.03[4]	2.09	4.33	6.09	9.80	1.41	2.85	5.64	7.80	12.1	1.68	3.36	6.44	9.18	14.0	1.84	3.51	6.60	9.78	15.6
	16	0.47[3]	1.50[4]	3.77	5.50	9.24	0.80[3]	2.21[4]	5.00	7.16	11.5	1.05[4]	2.66	5.76	8.47	13.3	1.20[4]	2.81	5.94	9.07	14.9
	24		0.42[3]	2.72[3]	4.41[4]	8.17	0.00[3]	1.02[3]	3.82[3]	5.96	10.4		1.37[3]	4.49[4]	7.13	12.0	0.01[3]	1.51[4]	4.69	7.72	13.6
9	12	0.54[3]	1.52[3]	3.59[4]	5.18	8.61	0.86[3]	2.18[4]	4.72	6.69	10.7	1.10[3]	2.65	5.50	7.91	12.4	1.25[4]	2.80	5.70	8.59	14.1
	16		0.85[3]	2.94[3]	4.51[4]	7.95	0.18[3]	1.45[3]	3.99[4]	5.95	9.99	0.39[3]	1.84[3]	4.71[4]	7.09	11.6	0.52[3]	1.99[4]	4.92	7.75	13.3
	24			1.78[2]	3.29[3]	6.72[3]		0.14[2]	2.68[3]	4.61[3]	8.68[4]		0.40[3]	3.27[3]	5.58[3]	10.1		0.51[3]	3.49[3]	6.20[4]	11.7
10	12	0.09[2]	0.97[3]	2.85[3]	4.27[4]	7.39	0.35[3]	1.54[3]	3.82[4]	5.59	9.25	0.55[3]	1.94[3]	4.57[4]	6.65	10.8	0.69[3]	2.09[4]	4.78	7.34	12.4
	16		0.25[2]	2.16[3]	3.54[3]	6.65[4]		0.75[3]	3.04[3]	4.79[3]	8.46		1.06[3]	3.70[3]	5.75[4]	9.86		1.19[3]	3.91[3]	6.40[4]	11.4
	24			0.93[2]	2.25[2]	5.33[3]			1.66[2]	3.36[3]	7.03[3]			2.15[2]	4.15[3]	8.22[3]			2.36[3]	4.71[3]	9.65[4]
12	12		0.03[2]	1.56[2]	2.64[3]	5.08[3]		0.43[2]	2.23[2]	3.60[3]	6.52[3]		0.67[2]	2.76[3]	4.37[3]	7.65[4]		0.79[3]	3.09[3]	5.04[3]	8.94
	16			0.85[1]	1.90[2]	4.31[3]			1.44[2]	2.78[2]	5.68[3]			1.86[2]	3.43[3]	6.68[3]			2.13[2]	4.01[3]	7.88[3]
	24				0.60[1]	2.96[2]			0.07[1]	1.34[1]	4.20[2]			0.30[1]	1.81[2]	4.97[2]			0.46[1]	2.23[2]	6.00[3]
14	12			0.63[1]	1.45[1]	3.33[2]			1.08[1]	2.14[2]	4.40[3]			1.41[2]	2.66[2]	5.21[3]			1.69[2]	3.17[2]	6.18[3]
	16				0.74[1]	2.59[1]			0.34[1]	1.35[1]	3.59[2]			0.56[1]	1.76[1]	4.26[2]			0.73[1]	2.17[2]	5.14[3]
	24					1.32[1]				0.01[1]	2.19[1]				0.23[1]	2.63[1]				0.44[1]	3.33[2]
16	12			0.01[1]	0.64[1]	2.11[1]			0.32[1]	1.13[1]	2.92[2]			0.50[1]	1.47[1]	3.47[2]			0.65[1]	1.80[1]	4.20[2]
	16					1.42[1]				0.40[1]	2.16[1]				0.63[1]	2.58[1]				0.86[1]	3.21[2]
	24					0.25[1]					0.86[1]					1.06[1]					1.51[1]
18	12				0.09[1]	1.26[1]				0.44[1]	1.87[1]				0.65[1]	2.24[1]				0.85[1]	2.77[1]
	16					0.62[1]					1.17[1]					1.41[1]					1.85[1]
	24																				0.27[1]
20	12					0.66[1]					1.13[1]				0.08[1]	1.36[1]				0.19[1]	1.75[1]
	16					0.07[1]					0.48[1]					0.59[1]					0.89[1]
	24																				

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

60 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362S162					362S200					362S250					362S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	0.69[3]	1.73[4]	3.99	5.74	9.46	1.04[4]	2.46	5.25	7.41	11.8	1.29[4]	2.94	6.03	8.75	13.6	1.45	3.09	6.20	9.35	15.2
	16	0.05[3]	1.05[3]	3.33[4]	5.06	8.80	0.34[3]	1.72[3]	4.51	6.67	11.1	0.57[3]	2.13[4]	5.24	7.92	12.8	0.71[3]	2.28	5.43	8.52	14.3
	24			2.13[3]	3.80[3]	7.56[4]		0.36[3]	3.16[3]	5.29[4]	9.73		0.65[3]	3.77[3]	6.38[4]	11.3		0.77[3]	3.98[4]	6.95	12.8
9	12	0.16[3]	1.11[3]	3.19[3]	4.77[4]	8.21	0.45[3]	1.74[3]	4.27[4]	6.24	10.3	0.67[3]	2.16[4]	5.02	7.41	11.9	0.81[3]	2.31[4]	5.23	8.08	13.6
	16		0.36[2]	2.46[3]	4.00[3]	7.44		0.91[3]	3.45[3]	5.40[4]	9.45		1.24[3]	4.11[3]	6.47	11.0		1.38[3]	4.33[4]	7.11	12.6
	24			1.14[2]	2.62[2]	6.04[3]			1.97[2]	3.86[3]	7.94[3]			2.48[3]	4.75[3]	9.25[4]			2.70[3]	5.33[3]	10.8
10	12		0.53[2]	2.43[3]	3.83[3]	6.94[4]		1.06[3]	3.34[3]	5.10[4]	8.77	0.08[2]	1.40[3]	4.04[3]	6.10	10.2	0.20[3]	1.54[3]	4.25[4]	6.77	11.8
	16			1.65[2]	3.01[3]	6.10[3]		0.17[2]	2.46[3]	4.19[3]	7.87[4]		0.42[2]	3.05[3]	5.09[3]	9.18		0.52[3]	3.27[3]	5.70[3]	10.7
	24			0.27[1]	1.55[2]	4.60[2]			0.92[2]	2.58[2]	6.25[3]			1.31[2]	3.27[3]	7.31[3]			1.51[2]	3.79[3]	8.67[3]
12	12			1.12[2]	2.19[2]	4.61[3]			1.74[2]	3.10[2]	6.00[3]		0.10[2]	2.20[2]	3.80[3]	7.06[3]		0.19[2]	2.50[2]	4.41[3]	8.29[4]
	16			0.34[1]	1.35[1]	3.74[2]			0.86[1]	2.17[2]	5.06[3]			1.20[2]	2.75[2]	5.96[3]			1.43[2]	3.27[2]	7.09[3]
	24					2.24[1]				0.58[1]	3.41[2]				0.94[1]	4.05[2]				1.28[1]	4.99[2]
14	12			0.22[1]	1.02[1]	2.88[2]			0.62[1]	1.65[1]	3.91[2]			0.88[1]	2.11[2]	4.63[3]			1.10[1]	2.55[2]	5.54[3]
	16				0.23[1]	2.06[1]				0.78[1]	3.00[1]				1.11[1]	3.58[2]			0.04[1]	1.44[1]	4.38[2]
	24					0.65[1]					1.45[1]					1.76[1]					2.37[1]
16	12				0.23[1]	1.68[1]				0.68[1]	2.45[1]			0.01[1]	0.95[1]	2.93[2]			0.10[1]	1.22[1]	3.59[2]
	16					0.92[1]					1.61[1]				0.03[1]	1.94[1]				0.19[1]	2.49[1]
	24										0.18[1]					0.26[1]					0.61[1]
18	12					0.87[1]				0.02[1]	1.44[1]				0.17[1]	1.73[1]				0.32[1]	2.20[1]
	16					0.17[1]					0.66[1]					0.82[1]					1.18[1]
	24																				
20	12					0.30[1]					0.72[1]					0.89[1]					1.22[1]
	16										0.01[1]					0.04[1]					0.27[1]
	24																				

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

70 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	362S162					362S200					362S250					362S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	0.36[3]	1.39[3]	3.66[4]	5.39	9.13	0.68[3]	2.08[4]	4.88	7.04	11.4	0.92[3]	2.53	5.63	8.33	13.2	1.07[4]	2.68	5.81	8.93	14.8
	16		0.63[3]	2.92[3]	4.62[4]	8.37	0.00[3]	1.25[3]	4.04[4]	6.19	10.6	0.11[3]	1.62[3]	4.73[4]	7.39	12.3	0.24[3]	1.76[4]	4.93	7.98	13.8
	24			1.57[2]	3.21[3]	6.97[3]			2.53[3]	4.64[3]	9.09[4]			3.09[3]	5.65[4]	10.6		0.07[3]	3.30[3]	6.21[4]	12.0
9	12		0.72[3]	2.82[3]	4.38[4]	7.82	0.05[3]	1.31[3]	3.85[3]	5.81	9.86	0.25[3]	1.69[3]	4.56[4]	6.93	11.4	0.38[3]	1.83[4]	4.77	7.59	13.1
	16			2.00[3]	3.52[3]	6.96[4]		0.39[3]	2.93[3]	4.86[3]	8.93		0.67[3]	3.55[3]	5.87[4]	10.4		0.79[3]	3.76[3]	6.49[4]	12.0
	24			0.54[2]	1.98[2]	5.38[3]			1.29[2]	3.16[3]	7.24[3]			1.73[2]	3.96[3]	8.45[3]			1.94[3]	4.50[3]	9.88[4]
10	12		0.12[2]	2.03[3]	3.41[3]	6.51[4]		0.60[2]	2.89[3]	4.63[3]	8.31[4]		0.90[3]	3.53[3]	5.58[4]	9.69		1.02[3]	3.75[3]	6.23[4]	11.2
	16			1.16[2]	2.50[2]	5.58[3]			1.92[2]	3.63[3]	7.31[3]			2.44[3]	4.45[3]	8.53[4]			2.65[3]	5.04[3]	9.99
	24				0.90[1]	3.92[2]			0.22[1]	1.86[2]	5.50[2]			0.53[2]	2.45[2]	6.46[3]			0.70[2]	2.92[2]	7.73[3]
12	12			0.72[1]	1.76[2]	4.17[2]			1.29[2]	2.62[2]	5.52[3]			1.69[2]	3.26[2]	6.50[3]			1.95[2]	3.82[3]	7.68[3]
	16				0.85[1]	3.21[2]			0.33[1]	1.61[1]	4.48[2]			0.59[1]	2.11[2]	5.29[3]			0.77[1]	2.56[2]	6.35[3]
	24					1.56[1]					2.67[1]				0.14[1]	3.19[2]				0.39[1]	4.04[2]
14	12				0.61[1]	2.45[1]			0.20[1]	1.20[1]	3.44[2]			0.40[1]	1.59[1]	4.09[2]			0.55[1]	1.98[2]	4.94[2]
	16					1.56[1]				0.26[1]	2.46[1]				0.51[1]	2.93[1]				0.77[1]	3.67[2]
	24					0.02[1]					0.76[1]					0.96[1]					1.47[1]
16	12					1.29[1]				0.26[1]	2.02[1]				0.48[1]	2.42[1]				0.69[1]	3.02[1]
	16					0.46[1]					1.10[1]					1.34[1]					1.82[1]
	24																				
18	12					0.50[1]					1.03[1]					1.26[1]					1.68[1]
	16										0.19[1]					0.27[1]					0.57[1]
	24																				
20	12										0.35[1]					0.45[1]					0.73[1]
	16																				
	24																				

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

0 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400S162					400S200					400S250					400S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	3.23	4.44	6.93	9.20	13.4	3.79	5.45	8.64	11.3	16.2	4.08	6.07	9.35	12.8	18.7	4.24	6.19	9.54	13.3	20.2
	16	3.23	4.44	6.93	9.20	13.4	3.79	5.45	8.64	11.3	16.2	4.08	6.07	9.35	12.8	18.7	4.24	6.19	9.54	13.3	20.2
	24	3.23	4.44	6.93	9.20	13.4	3.79	5.45	8.64	11.3	16.2	4.08	6.07	9.35	12.8	18.7	4.24	6.19	9.53	13.3	20.2
9	12	3.15	4.33	6.66	8.82	12.7	3.69	5.29	8.25	10.8	15.3	3.98	5.93	9.12	12.4	17.7	4.14	6.05	9.21	12.9	19.3
	16	3.15	4.33	6.66	8.82	12.7	3.69	5.29	8.24	10.8	15.3	3.98	5.93	9.12	12.4	17.7	4.14	6.05	9.21	12.9	19.3
	24	3.15	4.33	6.66	8.82	12.7	3.69	5.29	8.24	10.8	15.3	3.98	5.93	9.12	12.4	17.7	4.14	6.05	9.21	12.9	19.3
10	12	3.05	4.19	6.34	8.37	12.0	3.59	5.10	7.80	10.2	14.4	3.87	5.77	8.77	11.8	16.6	4.03	5.90	8.85	12.5	18.4
	16	3.05	4.19	6.33	8.37	12.0	3.59	5.10	7.80	10.2	14.4	3.87	5.77	8.77	11.8	16.6	4.03	5.90	8.84	12.5	18.4
	24	3.05	4.19	6.33	8.37	12.0	3.59	5.10	7.80	10.2	14.4	3.87	5.77	8.77	11.8	16.6	4.03	5.90	8.84	12.5	18.4
12	12	2.81	3.86	5.57	7.24	10.2	3.33	4.66	6.79	8.77	12.2	3.61	5.39	7.92	10.2	14.2	3.77	5.55	8.01	11.0	16.1
	16	2.81	3.85	5.57	7.24	10.2	3.33	4.66	6.79	8.77	12.2	3.61	5.39	7.92	10.2	14.2	3.77	5.55	8.01	11.0	16.1
	24	2.81	3.85	5.57	7.24	10.2	3.33	4.66	6.79	8.77	12.2	3.61	5.39	7.92	10.2	14.2	3.77	5.55	8.01	11.0	16.1
14	12	2.52	3.46	4.71	5.98	8.33	3.03	4.16	5.70	7.22	9.99	3.31	4.85	6.66	8.44	11.7	3.47	5.14	7.22	9.47	13.3
	16	2.52	3.46	4.71	5.98	8.33	3.03	4.16	5.70	7.22	9.99	3.30	4.85	6.66	8.44	11.7	3.47	5.14	7.22	9.47	13.3
	24	2.52	3.45	4.71	5.98	8.33	3.03	4.16	5.70	7.21	9.99	3.30	4.85	6.66	8.44	11.7	3.47	5.14	7.22	9.47	13.3
16	12	2.21	3.02	3.96	4.91	6.78	2.68	3.63	4.75	5.91	8.13	2.98	4.25	5.56	6.93	9.55	3.15	4.68	6.29	7.93	10.9
	16	2.21	3.02	3.96	4.91	6.78	2.68	3.63	4.75	5.91	8.13	2.98	4.25	5.56	6.93	9.55	3.15	4.68	6.29	7.93	10.9
	24	2.20	3.02	3.96	4.91	6.78	2.67	3.63	4.75	5.91	8.13	2.97	4.25	5.56	6.93	9.55	3.15	4.68	6.29	7.93	10.9
18	12	1.89	2.58	3.29	4.07	5.57	2.29	3.10	3.96	4.89	6.70	2.63	3.64	4.65	5.75	7.90	2.81	4.18	5.33	6.60	9.08
	16	1.88	2.58	3.29	4.07	5.57	2.28	3.10	3.96	4.89	6.70	2.63	3.64	4.65	5.75	7.89	2.81	4.18	5.33	6.59	9.08
	24	1.88	2.58	3.29	4.07	5.57	2.28	3.10	3.96	4.89	6.70	2.63	3.64	4.65	5.75	7.89	2.80	4.17	5.33	6.59	9.08
20	12	1.61	2.20	2.76	3.40	4.64	1.95	2.64	3.31	4.09	5.58	2.30	3.10	3.90	4.82	6.61	2.48	3.56	4.48	5.54	7.62
	16	1.61	2.20	2.76	3.40	4.63	1.95	2.64	3.31	4.09	5.58	2.30	3.10	3.90	4.82	6.61	2.48	3.56	4.48	5.54	7.62
	24	1.61	2.20	2.76	3.40	4.63	1.95	2.64	3.31	4.09	5.58	2.30	3.10	3.90	4.82	6.60	2.47	3.55	4.48	5.54	7.62

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

10 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400S162					400S200					400S250					400S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	2.81	4.02	6.53	8.79	13.0	3.34	5.00	8.19	10.9	15.8	3.63	5.59	8.90	12.4	18.3	3.80	5.72	9.10	12.9	19.8
	16	2.67	3.88	6.40	8.65	12.9	3.19	4.85	8.05	10.7	15.7	3.49	5.44	8.75	12.2	18.1	3.66	5.57	8.96	12.7	19.6
	24	2.41	3.61	6.14	8.39	12.7	2.91	4.56	7.76	10.4	15.4	3.20	5.13	8.46	11.9	17.8	3.38	5.27	8.68	12.4	19.3
9	12	2.61	3.78	6.14	8.28	12.3	3.12	4.70	7.67	10.2	14.8	3.41	5.32	8.52	11.8	17.1	3.58	5.46	8.65	12.3	18.7
	16	2.44	3.61	5.97	8.11	12.1	2.94	4.52	7.48	10.0	14.7	3.23	5.12	8.33	11.6	16.9	3.40	5.26	8.47	12.1	18.6
	24	2.12	3.28	5.65	7.77	11.8	2.59	4.15	7.12	9.64	14.3	2.88	4.74	7.96	11.2	16.5	3.05	4.89	8.11	11.7	18.2
10	12	2.39	3.51	5.69	7.70	11.4	2.88	4.37	7.08	9.45	13.7	3.16	5.00	8.02	11.0	15.9	3.34	5.15	8.14	11.7	17.6
	16	2.19	3.30	5.49	7.49	11.2	2.66	4.14	6.86	9.22	13.5	2.95	4.76	7.78	10.7	15.6	3.12	4.91	7.92	11.4	17.4
	24	1.81	2.91	5.10	7.08	10.8	2.25	3.71	6.43	8.78	13.1	2.53	4.29	7.32	10.3	15.2	2.70	4.46	7.48	11.0	16.9
12	12	1.89	2.90	4.67	6.31	9.36	2.33	3.63	5.80	7.76	11.3	2.61	4.26	6.82	9.08	13.2	2.79	4.45	7.00	9.91	15.0
	16	1.64	2.63	4.41	6.03	9.10	2.05	3.33	5.51	7.46	11.1	2.32	3.93	6.49	8.75	12.8	2.50	4.13	6.69	9.57	14.7
	24	1.18[3]	2.13	3.94	5.52	8.61	1.54[4]	2.79	4.98	6.90	10.5	1.80	3.33	5.90	8.13	12.2	1.96	3.52	6.11	8.93	14.0
14	12	1.40	2.26	3.64	4.88	7.32	1.78	2.87	4.52	6.03	8.92	2.04	3.41	5.34	7.11	10.4	2.21	3.69	5.87	8.06	12.0
	16	1.12[3]	1.95[4]	3.35	4.59	7.04	1.46[4]	2.53	4.20	5.70	8.61	1.71[4]	3.03	4.98	6.75	10.1	1.87	3.29	5.49	7.66	11.6
	24	0.62[3]	1.41[3]	2.84[3]	4.05[4]	6.51	0.90[3]	1.93[3]	3.64[4]	5.11	8.04	1.12[3]	2.36[4]	4.34	6.08	9.40	1.26[3]	2.59[4]	4.81	6.94	10.9
16	12	0.97[3]	1.68[4]	2.79	3.74	5.69	1.27[3]	2.17	3.47	4.64	6.97	1.50[4]	2.60	4.11	5.50	8.18	1.66[4]	2.92	4.70	6.34	9.47
	16	0.68[3]	1.36[3]	2.50[3]	3.44	5.40	0.94[3]	1.82[3]	3.15[4]	4.31	6.65	1.15[3]	2.21[4]	3.75	5.13	7.81	1.30[3]	2.49[4]	4.30	5.93	9.06
	24	0.19[2]	0.81[2]	1.99[3]	2.91[3]	4.87[4]	0.38[2]	1.21[3]	2.59[3]	3.73[3]	6.08	0.55[2]	1.53[3]	3.11[3]	4.47[4]	7.14	0.66[2]	1.75[3]	3.59[3]	5.19	8.33
18	12	0.61[2]	1.19[3]	2.10[3]	2.87[4]	4.45	0.84[3]	1.57[3]	2.64[4]	3.58	5.49	1.05[3]	1.92[4]	3.15	4.27	6.47	1.18[3]	2.23[4]	3.65	4.95	7.52
	16	0.34[2]	0.88[2]	1.82[3]	2.58[3]	4.16[4]	0.53[2]	1.24[3]	2.33[3]	3.26[3]	5.18	0.70[2]	1.53[3]	2.80[3]	3.90[4]	6.10	0.82[3]	1.79[3]	3.25[3]	4.54	7.12
	24		0.36[1]	1.34[2]	2.08[2]	3.66[3]		0.66[2]	1.80[2]	2.71[3]	4.62[3]	0.10[1]	0.88[2]	2.19[3]	3.27[3]	5.44[4]	0.18[2]	1.05[2]	2.56[3]	3.83[3]	6.40
20	12	0.35[2]	0.81[2]	1.58[3]	2.21[3]	3.51[4]	0.52[2]	1.12[3]	2.01[3]	2.78[3]	4.37	0.68[2]	1.38[3]	2.41[3]	3.33[4]	5.15	0.79[2]	1.61[3]	2.80[3]	3.88	6.03
	16	0.09[1]	0.52[2]	1.31[2]	1.93[3]	3.24[3]	0.22[1]	0.80[2]	1.71[2]	2.48[3]	4.06[3]	0.35[2]	1.01[2]	2.08[3]	2.99[3]	4.80[4]	0.43[2]	1.19[3]	2.42[3]	3.49[3]	5.63
	24		0.03[1]	0.86[1]	1.46[2]	2.76[2]		0.25[1]	1.21[1]	1.96[2]	3.54[3]		0.39[1]	1.50[2]	2.39[2]	4.17[3]		0.49[2]	1.77[2]	2.82[3]	4.94[3]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

20 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400S162					400S200					400S250					400S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	2.41	3.61	6.14	8.39	12.7	2.91	4.56	7.76	10.4	15.4	3.20	5.13	8.46	11.9	17.8	3.38	5.27	8.68	12.4	19.3
	16	2.16	3.35	5.89	8.12	12.4	2.64	4.27	7.48	10.1	15.2	2.93	4.84	8.18	11.6	17.5	3.10	4.98	8.40	12.1	19.1
	24	1.67	2.85	5.41	7.62	11.9	2.11	3.73	6.93	9.59	14.7	2.40	4.26	7.62	11.0	16.9	2.57	4.41	7.86	11.5	18.5
9	12	2.12	3.28	5.65	7.77	11.8	2.59	4.15	7.12	9.64	14.3	2.88	4.74	7.96	11.2	16.5	3.05	4.89	8.11	11.7	18.2
	16	1.81	2.96	5.34	7.44	11.5	2.26	3.81	6.78	9.29	14.0	2.54	4.37	7.59	10.8	16.2	2.72	4.52	7.76	11.4	17.8
	24	1.23[4]	2.35	4.75	6.82	10.9	1.63	3.15	6.12	8.61	13.4	1.90	3.66	6.90	10.0	15.4	2.07	3.82	7.09	10.6	17.1
10	12	1.81	2.91	5.10	7.08	10.8	2.25	3.71	6.43	8.78	13.1	2.53	4.29	7.32	10.3	15.2	2.70	4.46	7.48	11.0	16.9
	16	1.45	2.53	4.74	6.69	10.4	1.86	3.30	6.02	8.35	12.7	2.13	3.85	6.88	9.79	14.7	2.30	4.02	7.07	10.5	16.5
	24	0.80[3]	1.84[4]	4.06	5.96	9.72	1.15[3]	2.55	5.26	7.56	12.0	1.40[4]	3.04	6.07	8.91	13.9	1.56[4]	3.20	6.27	9.61	15.6
12	12	1.18[3]	2.13	3.94	5.52	8.61	1.54[4]	2.79	4.98	6.90	10.5	1.80	3.33	5.90	8.13	12.2	1.96	3.52	6.11	8.93	14.0
	16	0.76[3]	1.68[3]	3.50[4]	5.06	8.15	1.08[3]	2.30[4]	4.49	6.39	10.0	1.32[3]	2.78	5.35	7.56	11.7	1.47[4]	2.97	5.58	8.34	13.4
	24	0.03[2]	0.88[3]	2.72[3]	4.22[3]	7.32	0.27[2]	1.42[3]	3.62[3]	5.47[4]	9.15	0.46[3]	1.80[3]	4.36[4]	6.52	10.6	0.59[3]	1.96[3]	4.60[4]	7.26	12.3
14	12	0.62[3]	1.41[3]	2.84[3]	4.05[4]	6.51	0.90[3]	1.93[3]	3.64[4]	5.11	8.04	1.12[3]	2.36[4]	4.34	6.08	9.40	1.26[3]	2.59[4]	4.81	6.94	10.9
	16	0.19[2]	0.93[2]	2.39[3]	3.57[3]	6.03	0.41[2]	1.40[3]	3.13[3]	4.59[4]	7.53	0.60[2]	1.77[3]	3.77[3]	5.48	8.79	0.72[3]	1.96[3]	4.21[4]	6.29	10.2
	24		0.10[1]	1.60[2]	2.73[2]	5.18[3]		0.49[2]	2.25[2]	3.66[3]	6.60[3]		0.73[2]	2.77[3]	4.43[3]	7.71[4]		0.86[2]	3.13[3]	5.13[3]	9.04
16	12	0.19[2]	0.81[2]	1.99[3]	2.91[3]	4.87[4]	0.38[2]	1.21[3]	2.59[3]	3.73[3]	6.08	0.55[2]	1.53[3]	3.11[3]	4.47[4]	7.14	0.66[2]	1.75[3]	3.59[3]	5.19	8.33
	16		0.34[1]	1.55[2]	2.45[3]	4.41[3]		0.69[2]	2.10[2]	3.22[3]	5.57[3]	0.02[2]	0.94[2]	2.56[3]	3.89[3]	6.53[4]	0.10[2]	1.10[2]	2.97[3]	4.55[3]	7.67
	24			0.79[1]	1.65[2]	3.59[2]			1.26[1]	2.33[2]	4.68[3]			1.60[2]	2.88[2]	5.48[3]			1.90[2]	3.42[3]	6.51[3]
18	12		0.36[1]	1.34[2]	2.08[2]	3.66[3]		0.66[2]	1.80[2]	2.71[3]	4.62[3]	0.10[1]	0.88[2]	2.19[3]	3.27[3]	5.44[4]	0.18[2]	1.05[2]	2.56[3]	3.83[3]	6.40
	16			0.92[1]	1.64[2]	3.22[2]		0.16[1]	1.34[2]	2.23[2]	4.14[3]		0.31[1]	1.66[2]	2.72[2]	4.86[3]		0.41[2]	1.97[2]	3.22[3]	5.76[3]
	24			0.22[1]	0.89[1]	2.45[1]			0.55[1]	1.40[1]	3.29[2]			0.76[1]	1.78[1]	3.86[2]			0.95[1]	2.16[2]	4.65[3]
20	12		0.03[1]	0.86[1]	1.46[2]	2.76[2]		0.25[1]	1.21[1]	1.96[2]	3.54[3]		0.39[1]	1.50[2]	2.39[2]	4.17[3]		0.49[2]	1.77[2]	2.82[3]	4.94[3]
	16			0.48[1]	1.05[1]	2.34[2]			0.78[1]	1.51[1]	3.08[2]			1.01[1]	1.87[2]	3.62[2]			1.22[1]	2.24[2]	4.33[3]
	24				0.36[1]	1.63[1]			0.06[1]	0.74[1]	2.29[1]			0.18[1]	0.99[1]	2.68[1]			0.28[1]	1.25[1]	3.29[2]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

30 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400S162					400S200					400S250					400S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	2.03	3.23	5.77	8.00	12.3	2.50	4.14	7.34	10.0	15.0	2.79	4.69	8.04	11.4	17.4	2.97	4.83	8.26	12.0	18.9
	16	1.67	2.85	5.41	7.62	11.9	2.11	3.73	6.93	9.59	14.7	2.40	4.26	7.62	11.0	16.9	2.57	4.41	7.86	11.5	18.5
	24	0.98[4]	2.14	4.71	6.89	11.3	1.37	2.95	6.15	8.79	13.9	1.64	3.44	6.82	10.1	16.1	1.81	3.59	7.07	10.7	17.6
9	12	1.66	2.80	5.19	7.28	11.3	2.10	3.64	6.61	9.11	13.8	2.38	4.19	7.42	10.6	16.0	2.55	4.34	7.59	11.2	17.6
	16	1.23[4]	2.35	4.75	6.82	10.9	1.63	3.15	6.12	8.61	13.4	1.90	3.66	6.90	10.0	15.4	2.07	3.82	7.09	10.6	17.1
	24	0.44[3]	1.52[3]	3.93	5.94	10.0	0.77[3]	2.23[4]	5.19	7.65	12.5	1.02[3]	2.68	5.92	8.97	14.4	1.17[4]	2.83	6.14	9.57	16.0
10	12	1.28[4]	2.35	4.56	6.50	10.2	1.67	3.11	5.82	8.15	12.5	1.94	3.64	6.67	9.56	14.5	2.11	3.81	6.86	10.3	16.2
	16	0.80[3]	1.84[4]	4.06	5.96	9.72	1.15[3]	2.55	5.26	7.56	12.0	1.40[4]	3.04	6.07	8.91	13.9	1.56[4]	3.20	6.27	9.61	15.6
	24		0.91[3]	3.14[3]	4.97[4]	8.75	0.20[3]	1.53[3]	4.23[4]	6.48	11.0	0.41[3]	1.92[3]	4.95[4]	7.70	12.7	0.55[3]	2.07[4]	5.18	8.38	14.3
12	12	0.57[3]	1.47[3]	3.29[4]	4.84	7.94	0.87[3]	2.07[3]	4.26	6.15	9.81	1.09[3]	2.53[4]	5.09	7.29	11.4	1.24[3]	2.70	5.32	8.06	13.1
	16	0.03[2]	0.88[3]	2.72[3]	4.22[3]	7.32	0.27[2]	1.42[3]	3.62[3]	5.47[4]	9.15	0.46[3]	1.80[3]	4.36[4]	6.52	10.6	0.59[3]	1.96[3]	4.60[4]	7.26	12.3
	24			1.70[2]	3.12[3]	6.21[3]		0.28[2]	2.48[3]	4.26[3]	7.95[4]		0.53[2]	3.08[3]	5.16[3]	9.22[4]		0.64[3]	3.31[3]	5.82[3]	10.8
14	12		0.71[2]	2.18[3]	3.35[3]	5.81[4]	0.19[2]	1.16[3]	2.90[3]	4.34[3]	7.28	0.35[2]	1.49[3]	3.51[3]	5.21[4]	8.51	0.47[2]	1.67[3]	3.92[3]	5.98	9.91
	16		0.10[1]	1.60[2]	2.73[2]	5.18[3]		0.49[2]	2.25[2]	3.66[3]	6.60[3]		0.73[2]	2.77[3]	4.43[3]	7.71[4]		0.86[2]	3.13[3]	5.13[3]	9.04
	24			0.60[1]	1.66[1]	4.08[2]			1.14[1]	2.47[2]	5.40[3]			1.50[2]	3.09[2]	6.30[3]			1.76[2]	3.65[3]	7.50[3]
16	12		0.12[1]	1.35[2]	2.24[2]	4.19[3]		0.45[2]	1.87[2]	2.98[3]	5.34[3]		0.66[2]	2.30[2]	3.62[3]	6.25[4]		0.80[2]	2.68[3]	4.25[3]	7.36[4]
	16			0.79[1]	1.65[2]	3.59[2]			1.26[1]	2.33[2]	4.68[3]			1.60[2]	2.88[2]	5.48[3]			1.90[2]	3.42[3]	6.51[3]
	24				0.65[1]	2.55[1]			0.20[1]	1.22[1]	3.54[2]			0.40[1]	1.62[1]	4.13[2]			0.55[1]	2.00[2]	5.02[2]
18	12			0.73[1]	1.44[1]	3.01[2]			1.12[1]	2.00[2]	3.91[3]		0.06[1]	1.42[2]	2.47[2]	4.60[3]		0.12[1]	1.70[2]	2.93[2]	5.46[3]
	16			0.22[1]	0.89[1]	2.45[1]			0.55[1]	1.40[1]	3.29[2]			0.76[1]	1.78[1]	3.86[2]			0.95[1]	2.16[2]	4.65[3]
	24					1.48[1]				0.37[1]	2.23[1]				0.60[1]	2.60[1]				0.83[1]	3.26[2]
20	12			0.30[1]	0.87[1]	2.15[1]			0.59[1]	1.30[1]	2.87[2]			0.79[1]	1.64[1]	3.37[2]			0.97[1]	1.97[2]	4.05[2]
	16				0.36[1]	1.63[1]			0.06[1]	0.74[1]	2.29[1]			0.18[1]	0.99[1]	2.68[1]			0.28[1]	1.25[1]	3.29[2]
	24					0.74[1]					1.30[1]					1.51[1]				0.02[1]	1.99[1]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

40 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400S162					400S200					400S250					400S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.67	2.85	5.41	7.62	11.9	2.11	3.73	6.93	9.59	14.7	2.40	4.26	7.62	11.0	16.9	2.57	4.41	7.86	11.5	18.5
	16	1.20	2.37	4.94	7.13	11.5	1.61	3.20	6.41	9.05	14.2	1.89	3.71	7.08	10.4	16.4	2.06	3.86	7.33	11.0	17.9
	24	0.34[3]	1.47[4]	4.05	6.19	10.6	0.68[3]	2.22	5.42	8.03	13.2	0.93[4]	2.66	6.06	9.31	15.3	1.08[4]	2.80	6.32	9.87	16.8
9	12	1.23[4]	2.35	4.75	6.82	10.9	1.63	3.15	6.12	8.61	13.4	1.90	3.66	6.90	10.0	15.4	2.07	3.82	7.09	10.6	17.1
	16	0.70[3]	1.79[4]	4.19	6.23	10.3	1.05[4]	2.53	5.49	7.96	12.8	1.30[4]	3.00	6.24	9.31	14.7	1.46	3.15	6.45	9.91	16.4
	24		0.75[3]	3.16[3]	5.13[4]	9.24		1.39[3]	4.34[4]	6.75	11.6	0.20[3]	1.77[4]	5.01	7.98	13.4	0.34[3]	1.91[4]	5.24	8.58	15.0
10	12	0.80[3]	1.84[4]	4.06	5.96	9.72	1.15[3]	2.55	5.26	7.56	12.0	1.40[4]	3.04	6.07	8.91	13.9	1.56[4]	3.20	6.27	9.61	15.6
	16	0.21[3]	1.21[3]	3.43[4]	5.29	9.06	0.50[3]	1.85[3]	4.56[4]	6.83	11.3	0.73[3]	2.28[4]	5.31	8.09	13.0	0.87[3]	2.43	5.53	8.78	14.7
	24		0.07[2]	2.30[3]	4.07[3]	7.85[4]		0.60[3]	3.29[3]	5.48[3]	9.98		0.91[3]	3.93[3]	6.59[4]	11.5		1.04[3]	4.16[3]	7.24	13.2
12	12	0.03[2]	0.88[3]	2.72[3]	4.22[3]	7.32	0.27[2]	1.42[3]	3.62[3]	5.47[4]	9.15	0.46[3]	1.80[3]	4.36[4]	6.52	10.6	0.59[3]	1.96[3]	4.60[4]	7.26	12.3
	16		0.17[2]	2.02[2]	3.47[3]	6.56[3]		0.64[2]	2.84[3]	4.64[3]	8.33[4]		0.93[3]	3.49[3]	5.59[3]	9.67		1.06[3]	3.72[3]	6.28[4]	11.3
	24			0.81[1]	2.16[2]	5.22[3]			1.49[2]	3.19[2]	6.87[3]			1.95[2]	3.96[3]	7.97[3]			2.16[2]	4.54[3]	9.42[4]
14	12		0.10[1]	1.60[2]	2.73[2]	5.18[3]		0.49[2]	2.25[2]	3.66[3]	6.60[3]		0.73[2]	2.77[3]	4.43[3]	7.71[4]		0.86[2]	3.13[3]	5.13[3]	9.04
	16			0.92[1]	2.00[2]	4.43[3]			1.49[2]	2.85[2]	5.78[3]			1.90[2]	3.51[3]	6.74[3]			2.19[2]	4.12[3]	7.99[3]
	24				0.73[1]	3.12[2]			0.17[1]	1.45[1]	4.35[2]			0.41[1]	1.93[2]	5.06[2]			0.57[1]	2.36[2]	6.14[3]
16	12			0.79[1]	1.65[2]	3.59[2]			1.26[1]	2.33[2]	4.68[3]			1.60[2]	2.88[2]	5.48[3]			1.90[2]	3.42[3]	6.51[3]
	16			0.14[1]	0.96[1]	2.88[2]			0.53[1]	1.57[1]	3.90[2]			0.77[1]	2.01[2]	4.56[2]			0.98[1]	2.45[2]	5.49[3]
	24					1.66[1]				0.27[1]	2.55[1]				0.53[1]	2.97[1]				0.78[1]	3.74[2]
18	12			0.22[1]	0.89[1]	2.45[1]			0.55[1]	1.40[1]	3.29[2]			0.76[1]	1.78[1]	3.86[2]			0.95[1]	2.16[2]	4.65[3]
	16				0.25[1]	1.79[1]				0.69[1]	2.56[1]				0.97[1]	3.00[1]			0.09[1]	1.25[1]	3.69[2]
	24					0.66[1]					1.32[1]					1.52[1]					2.06[1]
20	12				0.36[1]	1.63[1]			0.06[1]	0.74[1]	2.29[1]			0.18[1]	0.99[1]	2.68[1]			0.28[1]	1.25[1]	3.29[2]
	16					1.02[1]				0.08[1]	1.61[1]				0.24[1]	1.88[1]				0.40[1]	2.39[1]
	24										0.45[1]					0.51[1]					0.87[1]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

50 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400S162					400S200					400S250					400S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.32	2.49	5.05	7.25	11.6	1.73	3.33	6.54	9.18	14.3	2.01	3.84	7.22	10.6	16.5	2.18	3.99	7.46	11.1	18.1
	16	0.76[3]	1.91	4.49	6.65	11.0	1.13[4]	2.70	5.90	8.53	13.7	1.40	3.17	6.56	9.85	15.8	1.56	3.32	6.82	10.4	17.4
	24		0.83[3]	3.43[4]	5.53	9.94	0.02[3]	1.52[4]	4.71	7.30	12.5	0.25[3]	1.91[4]	5.32	8.51	14.5	0.40[3]	2.05	5.59	9.08	16.0
9	12	0.83[3]	1.93[4]	4.33	6.37	10.5	1.19[4]	2.68	5.64	8.12	12.9	1.45[4]	3.16	6.40	9.48	14.9	1.61	3.32	6.61	10.1	16.5
	16	0.20[3]	1.25[3]	3.67[4]	5.67	9.77	0.50[3]	1.94[4]	4.90	7.34	12.2	0.74[3]	2.37	5.61	8.63	14.1	0.89[3]	2.52	5.84	9.23	15.7
	24		0.03[2]	2.45[3]	4.36[3]	8.49		0.60[3]	3.54[3]	5.91[4]	10.8		0.92[3]	4.16[3]	7.05	12.5		1.04[3]	4.39[4]	7.64	14.0
10	12	0.35[3]	1.36[3]	3.59[4]	5.45	9.22	0.66[3]	2.02[4]	4.73	7.00	11.5	0.89[3]	2.46[4]	5.49	8.29	13.2	1.04[3]	2.62	5.71	8.98	14.9
	16		0.62[3]	2.85[3]	4.66[3]	8.44		1.21[3]	3.91[3]	6.14[4]	10.6	0.10[3]	1.57[3]	4.60[4]	7.32	12.3	0.23[3]	1.72[3]	4.83[4]	7.99	13.9
	24			1.53[2]	3.23[3]	7.01[3]			2.43[3]	4.57[3]	9.08[4]			2.98[3]	5.56[3]	10.5		0.08[3]	3.21[3]	6.18[3]	12.1
12	12		0.34[2]	2.19[3]	3.65[3]	6.75[4]		0.83[2]	3.03[3]	4.84[3]	8.53		1.14[3]	3.70[3]	5.82[4]	9.90		1.27[3]	3.93[3]	6.51[4]	11.5
	16			1.39[2]	2.79[2]	5.87[3]			2.14[2]	3.89[3]	7.58[3]		0.14[2]	2.69[3]	4.75[3]	8.79[4]		0.23[2]	2.91[3]	5.37[3]	10.3
	24			0.01[1]	1.29[1]	4.33[2]			0.59[1]	2.23[2]	5.89[3]			0.93[2]	2.87[2]	6.83[3]			1.11[2]	3.37[2]	8.18[3]
14	12			1.08[1]	2.17[2]	4.61[3]			1.67[2]	3.04[2]	5.98[3]		0.05[2]	2.11[2]	3.73[3]	6.97[3]		0.13[2]	2.42[2]	4.36[3]	8.24[4]
	16			0.30[1]	1.34[1]	3.75[2]			0.80[1]	2.12[2]	5.03[2]			1.12[1]	2.69[2]	5.87[3]			1.35[2]	3.20[2]	7.03[3]
	24					2.26[1]				0.53[1]	3.40[1]				0.88[1]	3.95[2]				1.21[1]	4.91[2]
16	12			0.29[1]	1.13[1]	3.05[2]			0.70[1]	1.75[1]	4.08[2]			0.97[1]	2.22[2]	4.78[3]			1.20[1]	2.68[2]	5.73[3]
	16				0.35[1]	2.24[1]				0.89[1]	3.20[1]			0.04[1]	1.24[1]	3.73[2]			0.15[1]	1.58[1]	4.58[2]
	24					0.86[1]					1.67[1]					1.93[1]					2.59[1]
18	12				0.40[1]	1.94[1]			0.04[1]	0.86[1]	2.74[1]			0.18[1]	1.16[1]	3.20[2]			0.29[1]	1.46[1]	3.92[2]
	16					1.20[1]				0.06[1]	1.91[1]				0.25[1]	2.23[1]				0.44[1]	2.84[1]
	24										0.50[1]					0.56[1]					0.99[1]
20	12					1.16[1]				0.24[1]	1.77[1]				0.42[1]	2.07[1]				0.60[1]	2.61[1]
	16					0.47[1]					1.00[1]					1.16[1]					1.60[1]
	24																				

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

60 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400S162					400S200					400S250					400S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	0.98[4]	2.14	4.71	6.89	11.3	1.37	2.95	6.15	8.79	13.9	1.64	3.44	6.82	10.1	16.1	1.81	3.59	7.07	10.7	17.6
	16	0.34[3]	1.47[4]	4.05	6.19	10.6	0.68[3]	2.22	5.42	8.03	13.2	0.93[4]	2.66	6.06	9.31	15.3	1.08[4]	2.80	6.32	9.87	16.8
	24		0.23[3]	2.83[3]	4.89[4]	9.32		0.85[3]	4.04[4]	6.60	11.9		1.20[3]	4.62[4]	7.75	13.7		1.33[4]	4.89	8.31	15.2
9	12	0.44[3]	1.52[3]	3.93	5.94	10.0	0.77[3]	2.23[4]	5.19	7.65	12.5	1.02[3]	2.68	5.92	8.97	14.4	1.17[4]	2.83	6.14	9.57	16.0
	16		0.75[3]	3.16[3]	5.13[4]	9.24		1.39[3]	4.34[4]	6.75	11.6	0.20[3]	1.77[4]	5.01	7.98	13.4	0.34[3]	1.91[4]	5.24	8.58	15.0
	24			1.78[3]	3.64[3]	7.77[4]			2.78[3]	5.12[3]	10.0		0.12[3]	3.34[3]	6.17[4]	11.6		0.22[3]	3.58[3]	6.74[4]	13.1
10	12		0.91[3]	3.14[3]	4.97[4]	8.75	0.20[3]	1.53[3]	4.23[4]	6.48	11.0	0.41[3]	1.92[3]	4.95[4]	7.70	12.7	0.55[3]	2.07[4]	5.18	8.38	14.3
	16		0.07[2]	2.30[3]	4.07[3]	7.85[4]		0.60[3]	3.29[3]	5.48[3]	9.98		0.91[3]	3.93[3]	6.59[4]	11.5		1.04[3]	4.16[3]	7.24	13.2
	24			0.82[2]	2.46[2]	6.22[3]			1.63[2]	3.71[3]	8.23[3]			2.10[2]	4.60[3]	9.50[4]			2.32[3]	5.18[3]	11.0[4]
12	12			1.70[2]	3.12[3]	6.21[3]		0.28[2]	2.48[3]	4.26[3]	7.95[4]		0.53[2]	3.08[3]	5.16[3]	9.22[4]		0.64[3]	3.31[3]	5.82[3]	10.8
	16			0.81[1]	2.16[2]	5.22[3]			1.49[2]	3.19[2]	6.87[3]			1.95[2]	3.96[3]	7.97[3]			2.16[2]	4.54[3]	9.42[4]
	24				0.49[1]	3.49[2]				1.34[1]	4.99[2]				1.87[2]	5.77[2]			0.15[1]	2.30[2]	7.02[3]
14	12			0.60[1]	1.66[1]	4.08[2]			1.14[1]	2.47[2]	5.40[3]			1.50[2]	3.09[2]	6.30[3]			1.76[2]	3.65[3]	7.50[3]
	16				0.73[1]	3.12[2]			0.17[1]	1.45[1]	4.35[2]			0.41[1]	1.93[2]	5.06[2]			0.57[1]	2.36[2]	6.14[3]
	24					1.48[1]					2.53[1]					2.93[1]				0.16[1]	3.79[2]
16	12				0.65[1]	2.55[1]			0.20[1]	1.22[1]	3.54[2]			0.40[1]	1.62[1]	4.13[2]			0.55[1]	2.00[2]	5.02[2]
	16					1.66[1]				0.27[1]	2.55[1]				0.53[1]	2.97[1]				0.78[1]	3.74[2]
	24					0.13[1]					0.87[1]					0.99[1]					1.54[1]
18	12					1.48[1]				0.37[1]	2.23[1]				0.60[1]	2.60[1]				0.83[1]	3.26[2]
	16					0.66[1]					1.32[1]					1.52[1]					2.06[1]
	24																				0.02[1]
20	12					0.74[1]					1.30[1]					1.51[1]				0.02[1]	1.99[1]
	16										0.45[1]					0.51[1]					0.87[1]
	24																				

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

70 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	400S162					400S200					400S250					400S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	0.66[3]	1.80	4.38	6.54	10.9	1.02[4]	2.58	5.78	8.41	13.6	1.28	3.04	6.43	9.71	15.7	1.44	3.19	6.69	10.3	17.2
	16		1.04[3]	3.63[4]	5.75	10.2	0.24[3]	1.75[4]	4.94	7.54	12.8	0.47[3]	2.16	5.56	8.78	14.7	0.62[3]	2.30	5.83	9.34	16.3
	24			2.25[3]	4.27[3]	8.72		0.22[3]	3.39[3]	5.92[4]	11.2		0.52[3]	3.94[3]	7.01	13.0		0.64[3]	4.21[4]	7.57	14.5
9	12	0.08[3]	1.13[3]	3.54[4]	5.53	9.64	0.37[3]	1.80[4]	4.76	7.19	12.1	0.60[3]	2.22[4]	5.46	8.47	13.9	0.75[3]	2.37	5.69	9.07	15.5
	16		0.27[3]	2.68[3]	4.61[3]	8.74		0.86[3]	3.80[3]	6.19[4]	11.1		1.20[3]	4.44[4]	7.36	12.8		1.33[3]	4.67[4]	7.95	14.4
	24			1.14[2]	2.95[3]	7.08[3]			2.06[3]	4.35[3]	9.30[4]			2.57[3]	5.33[3]	10.7			2.80[3]	5.88[3]	12.2
10	12		0.48[3]	2.71[3]	4.51[3]	8.29		1.05[3]	3.75[3]	5.97[4]	10.5		1.41[3]	4.43[4]	7.14	12.1	0.07[3]	1.54[3]	4.66[4]	7.80	13.7
	16			1.78[2]	3.51[3]	7.29[3]		0.03[2]	2.71[3]	4.86[3]	9.38[4]		0.28[3]	3.29[3]	5.90[3]	10.8		0.39[3]	3.52[3]	6.53[4]	12.4
	24			0.14[1]	1.72[2]	5.47[3]			0.87[2]	2.90[2]	7.41[3]			1.27[2]	3.69[3]	8.55[3]			1.48[2]	4.23[3]	10.0[4]
12	12			1.24[2]	2.63[2]	5.70[3]			1.97[2]	3.71[3]	7.40[3]			2.50[2]	4.54[3]	8.58[4]		0.04[2]	2.72[3]	5.16[3]	10.1[4]
	16			0.27[1]	1.57[2]	4.62[2]			0.88[1]	2.54[2]	6.21[3]			1.26[2]	3.22[2]	7.20[3]			1.45[2]	3.75[3]	8.58[3]
	24					2.72[1]				0.52[1]	4.14[2]				0.93[1]	4.77[2]				1.29[2]	5.94[2]
14	12			0.16[1]	1.18[1]	3.59[2]			0.64[1]	1.94[2]	4.86[2]			0.94[1]	2.49[2]	5.66[3]			1.15[1]	2.99[2]	6.80[3]
	16				0.17[1]	2.54[1]				0.83[1]	3.71[2]				1.22[1]	4.31[2]				1.58[1]	5.31[2]
	24					0.74[1]					1.73[1]					1.98[1]					2.75[1]
16	12				0.20[1]	2.09[1]				0.73[1]	3.03[1]				1.06[1]	3.53[2]				1.37[1]	4.36[2]
	16					1.12[1]					1.96[1]					2.27[1]				0.05[1]	2.96[1]
	24										0.13[1]					0.11[1]					0.57[1]
18	12					1.06[1]					1.76[1]				0.08[1]	2.05[1]				0.25[1]	2.64[1]
	16					0.16[1]					0.77[1]					0.87[1]					1.33[1]
	24																				
20	12					0.34[1]					0.86[1]					0.99[1]					1.41[1]
	16																				0.20[1]
	24																				

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

0 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600S162					600S200					600S250					600S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	3.68	5.07	8.24	10.9	16.6	4.28	6.42	11.0	14.6	22.7	4.63	6.92	11.2	16.1	26.5	4.82	7.06	11.6	16.3	28.3
	16	3.68	5.07	8.24	10.9	16.6	4.28	6.42	11.0	14.6	22.7	4.63	6.92	11.2	16.1	26.5	4.82	7.06	11.6	16.3	28.3
	24	3.68	5.07	8.24	10.9	16.6	4.28	6.42	11.0	14.6	22.7	4.63	6.92	11.2	16.1	26.5	4.82	7.06	11.6	16.3	28.3
9	12	3.68	5.07	8.24	10.9	16.6	4.25	6.36	10.8	14.4	22.4	4.59	6.87	11.1	15.9	26.1	4.78	7.00	11.5	16.1	27.8
	16	3.68	5.07	8.24	10.9	16.6	4.25	6.36	10.8	14.4	22.4	4.59	6.87	11.1	15.9	26.1	4.78	7.00	11.5	16.1	27.8
	24	3.68	5.07	8.24	10.9	16.6	4.25	6.36	10.8	14.4	22.4	4.59	6.87	11.1	15.9	26.1	4.78	7.00	11.5	16.1	27.8
10	12	3.68	5.07	8.24	10.9	16.6	4.21	6.29	10.6	14.1	22.0	4.55	6.81	10.9	15.6	25.5	4.73	6.93	11.3	15.9	27.3
	16	3.68	5.07	8.24	10.9	16.6	4.21	6.29	10.6	14.1	22.0	4.55	6.81	10.9	15.6	25.5	4.73	6.93	11.3	15.9	27.3
	24	3.68	5.07	8.24	10.9	16.6	4.21	6.29	10.6	14.1	22.0	4.55	6.81	10.9	15.6	25.5	4.73	6.93	11.3	15.9	27.3
12	12	3.60	4.98	8.14	10.9	16.6	4.12	6.10	10.1	13.5	21.0	4.43	6.64	10.5	15.0	24.2	4.61	6.76	10.9	15.3	25.9
	16	3.60	4.98	8.14	10.9	16.6	4.12	6.10	10.1	13.5	21.0	4.43	6.64	10.5	15.0	24.2	4.61	6.76	10.9	15.3	25.9
	24	3.59	4.98	8.14	10.9	16.6	4.12	6.10	10.1	13.5	21.0	4.43	6.64	10.5	15.0	24.2	4.61	6.76	10.9	15.3	25.9
14	12	3.47	4.82	7.72	10.4	16.5	3.98	5.84	9.48	12.6	19.6	4.29	6.42	10.0	14.1	22.5	4.46	6.55	10.4	14.6	24.2
	16	3.47	4.82	7.72	10.4	16.5	3.98	5.84	9.48	12.6	19.6	4.28	6.42	10.0	14.1	22.5	4.46	6.55	10.4	14.6	24.2
	24	3.47	4.82	7.72	10.4	16.5	3.98	5.84	9.48	12.6	19.6	4.28	6.42	10.0	14.1	22.5	4.46	6.55	10.4	14.6	24.2
16	12	3.30	4.59	7.16	9.62	15.2	3.81	5.52	8.70	11.6	17.9	4.11	6.16	9.55	13.2	20.6	4.28	6.30	9.75	13.8	22.5
	16	3.30	4.58	7.16	9.62	15.2	3.81	5.52	8.70	11.6	17.9	4.11	6.16	9.55	13.2	20.6	4.28	6.30	9.75	13.8	22.5
	24	3.30	4.58	7.16	9.62	15.2	3.81	5.52	8.70	11.6	17.9	4.11	6.16	9.55	13.2	20.6	4.28	6.30	9.75	13.8	22.5
18	12	3.10	4.30	6.50	8.71	13.7	3.60	5.15	7.85	10.4	16.1	3.90	5.87	8.92	12.1	18.5	4.08	6.02	9.07	13.0	20.7
	16	3.10	4.30	6.50	8.71	13.7	3.60	5.15	7.85	10.4	16.1	3.90	5.87	8.92	12.1	18.5	4.08	6.02	9.07	13.0	20.7
	24	3.10	4.30	6.49	8.71	13.7	3.60	5.15	7.84	10.4	16.1	3.90	5.86	8.92	12.1	18.5	4.07	6.02	9.07	13.0	20.7
20	12	2.86	3.98	5.78	7.74	12.1	3.37	4.76	6.96	9.24	14.2	3.67	5.52	8.17	10.8	16.4	3.85	5.71	8.35	11.7	18.6
	16	2.86	3.98	5.78	7.74	12.1	3.37	4.76	6.96	9.24	14.2	3.66	5.52	8.17	10.8	16.4	3.85	5.71	8.35	11.7	18.6
	24	2.86	3.98	5.77	7.74	12.1	3.37	4.76	6.96	9.24	14.2	3.66	5.52	8.17	10.8	16.4	3.85	5.71	8.35	11.7	18.6

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

10 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600S162					600S200					600S250					600S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	3.40	4.80	7.98	10.6	16.3	4.00	6.12	10.7	14.3	22.4	4.34	6.62	10.9	15.8	26.2	4.53	6.76	11.3	16.0	28.0
	16	3.31	4.71	7.90	10.5	16.2	3.90	6.02	10.6	14.2	22.3	4.24	6.51	10.8	15.7	26.1	4.43	6.66	11.2	15.9	27.9
	24	3.13	4.53	7.73	10.4	16.0	3.72	5.82	10.4	14.0	22.1	4.05	6.31	10.6	15.5	25.8	4.24	6.46	11.1	15.7	27.6
9	12	3.32	4.72	7.90	10.5	16.2	3.89	5.97	10.4	14.0	22.0	4.22	6.48	10.7	15.5	25.6	4.40	6.61	11.1	15.7	27.4
	16	3.20	4.60	7.79	10.4	16.1	3.77	5.85	10.3	13.8	21.9	4.10	6.35	10.6	15.4	25.5	4.28	6.49	11.0	15.6	27.2
	24	2.97	4.37	7.57	10.2	15.9	3.53	5.59	10.0	13.6	21.6	3.85	6.09	10.3	15.1	25.2	4.04	6.23	10.7	15.3	26.9
10	12	3.22	4.62	7.81	10.5	16.1	3.76	5.80	10.1	13.6	21.5	4.08	6.31	10.4	15.1	25.0	4.26	6.45	10.9	15.4	26.7
	16	3.08	4.48	7.67	10.3	16.0	3.61	5.64	9.96	13.5	21.3	3.93	6.15	10.3	14.9	24.8	4.11	6.29	10.7	15.2	26.5
	24	2.79	4.19	7.39	10.0	15.7	3.32	5.33	9.64	13.1	21.0	3.63	5.83	9.97	14.6	24.4	3.81	5.98	10.4	14.9	26.1
12	12	2.93	4.32	7.47	10.2	15.9	3.45	5.38	9.40	12.7	20.2	3.76	5.91	9.79	14.2	23.3	3.93	6.06	10.2	14.5	25.0
	16	2.72	4.11	7.26	9.98	15.6	3.24	5.15	9.16	12.5	19.9	3.54	5.67	9.56	13.9	23.0	3.71	5.83	9.97	14.3	24.7
	24	2.32	3.70	6.84	9.55	15.2	2.83	4.70	8.69	12.0	19.4	3.11	5.21	9.11	13.4	22.5	3.29	5.37	9.52	13.8	24.2
14	12	2.57	3.91	6.80	9.41	15.4	3.07	4.86	8.46	11.5	18.4	3.36	5.41	9.01	13.0	21.3	3.54	5.57	9.40	13.5	23.0
	16	2.30	3.62	6.51	9.11	15.0	2.80	4.55	8.14	11.2	18.1	3.07	5.09	8.70	12.7	20.9	3.25	5.26	9.09	13.2	22.6
	24	1.78	3.09	5.96	8.53	14.3	2.27	3.97	7.53	10.6	17.3	2.53	4.48	8.10	12.0	20.1	2.69	4.67	8.50	12.6	21.8
16	12	2.16	3.41	5.97	8.35	13.7	2.65	4.25	7.40	10.2	16.4	2.92	4.83	8.21	11.7	18.9	3.09	5.02	8.48	12.4	20.8
	16	1.83	3.06	5.62	7.97	13.3	2.31	3.88	7.01	9.77	15.9	2.56	4.43	7.81	11.3	18.4	2.74	4.63	8.09	12.0	20.3
	24	1.23[4]	2.42	4.97	7.27	12.4	1.68	3.18	6.28	9.00	15.0	1.91	3.69	7.05	10.5	17.5	2.06	3.89	7.36	11.1	19.3
18	12	1.74	2.88	5.08	7.18	11.8	2.19	3.62	6.29	8.75	14.2	2.45	4.20	7.24	10.3	16.5	2.62	4.41	7.50	11.1	18.5
	16	1.37[4]	2.48	4.68	6.75	11.3	1.80	3.19	5.85	8.29	13.6	2.04	3.74	6.76	9.74	15.9	2.20	3.95	7.04	10.6	17.9
	24	0.71[3]	1.77[3]	3.97[4]	5.96	10.4	1.11[3]	2.42[4]	5.06	7.43	12.6	1.31[3]	2.89	5.90	8.78	14.8	1.45[4]	3.10	6.19	9.61	16.7
20	12	1.33[4]	2.35	4.20	6.02	9.99	1.75	3.00	5.23	7.36	12.0	1.98	3.56	6.20	8.67	14.0	2.15	3.79	6.49	9.58	16.0
	16	0.95[3]	1.93[4]	3.79	5.56	9.44	1.33[3]	2.54	4.77	6.87	11.5	1.54[4]	3.04	5.68	8.11	13.4	1.69[4]	3.27	5.98	8.99	15.3
	24	0.26[2]	1.18[3]	3.05[3]	4.75[4]	8.47	0.60[3]	1.72[3]	3.96[4]	5.98	10.4	0.76[3]	2.13[3]	4.75[4]	7.11	12.3	0.87[3]	2.34[4]	5.06	7.93	14.1

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

20 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600S162					600S200					600S250					600S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	3.13	4.53	7.73	10.4	16.0	3.72	5.82	10.4	14.0	22.1	4.05	6.31	10.6	15.5	25.8	4.24	6.46	11.1	15.7	27.6
	16	2.95	4.35	7.56	10.2	15.9	3.53	5.62	10.2	13.8	21.9	3.86	6.11	10.4	15.3	25.6	4.04	6.26	10.9	15.5	27.4
	24	2.59	4.00	7.22	9.9	15.5	3.17	5.23	9.75	13.4	21.5	3.48	5.71	10.1	14.9	25.2	3.66	5.86	10.5	15.1	27.0
9	12	2.97	4.37	7.57	10.2	15.9	3.53	5.59	10.0	13.6	21.6	3.85	6.09	10.3	15.1	25.2	4.04	6.23	10.7	15.3	26.9
	16	2.74	4.14	7.35	10.0	15.7	3.30	5.34	9.77	13.3	21.3	3.61	5.83	10.1	14.8	24.9	3.79	5.98	10.5	15.1	26.6
	24	2.29	3.70	6.92	9.57	15.2	2.84	4.84	9.26	12.8	20.8	3.14	5.32	9.59	14.3	24.3	3.31	5.48	10.0	14.6	26.1
10	12	2.79	4.19	7.39	10.0	15.7	3.32	5.33	9.64	13.1	21.0	3.63	5.83	9.97	14.6	24.4	3.81	5.98	10.4	14.9	26.1
	16	2.50	3.91	7.11	9.75	15.4	3.04	5.02	9.32	12.8	20.6	3.33	5.51	9.66	14.3	24.1	3.51	5.67	10.1	14.5	25.8
	24	1.95	3.36	6.57	9.21	14.8	2.48	4.41	8.70	12.2	20.0	2.76	4.89	9.06	13.6	23.3	2.93	5.06	9.48	13.9	25.0
12	12	2.32	3.70	6.84	9.55	15.2	2.83	4.70	8.69	12.0	19.4	3.11	5.21	9.11	13.4	22.5	3.29	5.37	9.52	13.8	24.2
	16	1.93	3.30	6.44	9.13	14.7	2.43	4.27	8.24	11.5	18.9	2.70	4.76	8.67	12.9	21.9	2.87	4.93	9.09	13.3	23.6
	24	1.19	2.54	5.67	8.32	13.9	1.68	3.44	7.37	10.6	17.9	1.92	3.90	7.82	12.0	20.9	2.08	4.09	8.24	12.4	22.6
14	12	1.78	3.09	5.96	8.53	14.3	2.27	3.97	7.53	10.6	17.3	2.53	4.48	8.10	12.0	20.1	2.69	4.67	8.50	12.6	21.8
	16	1.30	2.58	5.44	7.97	13.7	1.77	3.42	6.96	9.96	16.7	2.01	3.90	7.52	11.4	19.4	2.16	4.09	7.92	11.9	21.1
	24	0.41[3]	1.64[4]	4.48	6.94	12.5	0.85[3]	2.39[4]	5.88	8.83	15.4	1.04[4]	2.82	6.44	10.1	18.0	1.18[4]	3.02	6.84	10.7	19.7
16	12	1.23[4]	2.42	4.97	7.27	12.4	1.68	3.18	6.28	9.00	15.0	1.91	3.69	7.05	10.5	17.5	2.06	3.89	7.36	11.1	19.3
	16	0.68[3]	1.84[4]	4.36	6.61	11.6	1.10[3]	2.54	5.62	8.29	14.2	1.30[4]	3.00	6.35	9.67	16.6	1.44[4]	3.20	6.67	10.4	18.4
	24		0.78[3]	3.27[3]	5.43[4]	10.3	0.07[3]	1.39[3]	4.41[3]	6.99	12.7	0.21[3]	1.75[3]	5.07[4]	8.24	15.0	0.31[3]	1.94[3]	5.40[4]	8.91	16.7
18	12	0.71[3]	1.77[3]	3.97[4]	5.96	10.4	1.11[3]	2.42[4]	5.06	7.43	12.6	1.31[3]	2.89	5.90	8.78	14.8	1.45[4]	3.10	6.19	9.61	16.7
	16	0.13[2]	1.14[3]	3.32[3]	5.26[4]	9.55	0.49[3]	1.72[3]	4.35[4]	6.66	11.8	0.64[3]	2.12[3]	5.11[4]	7.92	13.8	0.76[3]	2.32[4]	5.41	8.71	15.7
	24		0.01[2]	2.18[2]	4.01[3]	8.06[4]		0.50[2]	3.09[3]	5.29[3]	10.2[4]		0.77[3]	3.72[3]	6.38[3]	12.1		0.94[3]	4.02[3]	7.10[4]	13.8
20	12	0.26[2]	1.18[3]	3.05[3]	4.75[4]	8.47	0.60[3]	1.72[3]	3.96[4]	5.98	10.4	0.76[3]	2.13[3]	4.75[4]	7.11	12.3	0.87[3]	2.34[4]	5.06	7.93	14.1
	16		0.52[2]	2.40[3]	4.03[3]	7.62[4]		1.00[3]	3.24[3]	5.19[3]	9.49	0.07[2]	1.33[3]	3.94[3]	6.23[4]	11.3	0.15[2]	1.51[3]	4.23[3]	6.99[4]	13.0
	24			1.27[2]	2.79[2]	6.14[3]			1.99[2]	3.82[3]	7.89[3]			2.52[2]	4.69[3]	9.47[3]		0.06[2]	2.79[3]	5.34[3]	11.0[4]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

30 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600S162					600S200					600S250					600S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	2.86	4.26	7.47	10.1	15.8	3.44	5.52	10.1	13.7	21.8	3.76	6.01	10.3	15.2	25.5	3.95	6.16	10.8	15.4	27.3
	16	2.59	4.00	7.22	9.87	15.5	3.17	5.23	9.75	13.4	21.5	3.48	5.71	10.1	14.9	25.2	3.66	5.86	10.5	15.1	27.0
	24	2.06	3.48	6.72	9.38	15.0	2.63	4.64	9.16	12.8	20.9	2.92	5.11	9.48	14.3	24.5	3.10	5.28	9.91	14.5	26.3
9	12	2.63	4.03	7.24	9.89	15.6	3.18	5.21	9.64	13.2	21.2	3.49	5.70	9.95	14.7	24.8	3.67	5.86	10.4	14.9	26.5
	16	2.29	3.70	6.92	9.57	15.2	2.84	4.84	9.26	12.8	20.8	3.14	5.32	9.59	14.3	24.3	3.31	5.48	10.0	14.6	26.1
	24	1.63	3.04	6.29	8.93	14.6	2.17	4.11	8.52	12.1	20.0	2.44	4.58	8.87	13.5	23.5	2.61	4.75	9.30	13.8	25.2
10	12	2.36	3.77	6.98	9.61	15.3	2.89	4.87	9.16	12.6	20.5	3.19	5.35	9.51	14.1	23.9	3.36	5.51	9.93	14.4	25.6
	16	1.95	3.36	6.57	9.21	14.8	2.48	4.41	8.70	12.2	20.0	2.76	4.89	9.06	13.6	23.3	2.93	5.06	9.48	13.9	25.0
	24	1.16	2.56	5.79	8.41	14.0	1.67	3.53	7.79	11.2	19.0	1.92	3.98	8.18	12.6	22.3	2.08	4.17	8.61	13.0	24.0
12	12	1.74	3.11	6.24	8.93	14.5	2.24	4.06	8.02	11.3	18.6	2.50	4.54	8.45	12.7	21.7	2.67	4.72	8.87	13.1	23.4
	16	1.19	2.54	5.67	8.32	13.9	1.68	3.44	7.37	10.6	17.9	1.92	3.90	7.82	12.0	20.9	2.08	4.09	8.24	12.4	22.6
	24	0.17[3]	1.48[4]	4.58	7.18	12.6	0.63[3]	2.27	6.15	9.35	16.5	0.82[4]	2.68	6.62	10.6	19.4	0.95[4]	2.88	7.04	11.1	21.0
14	12	1.07[4]	2.34	5.19	7.71	13.4	1.53	3.15	6.68	9.67	16.3	1.76	3.62	7.24	11.0	19.0	1.91	3.82	7.65	11.6	20.8
	16	0.41[3]	1.64[4]	4.48	6.94	12.5	0.85[3]	2.39[4]	5.88	8.83	15.4	1.04[4]	2.82	6.44	10.1	18.0	1.18[4]	3.02	6.84	10.7	19.7
	24		0.38[3]	3.17[3]	5.53[4]	10.9		1.01[3]	4.43[3]	7.28	13.6		1.35[3]	4.96[4]	8.47	16.1		1.54[3]	5.35[4]	9.06	17.8
16	12	0.42[3]	1.56[3]	4.08[4]	6.30	11.3	0.83[3]	2.24[4]	5.30	7.95	13.8	1.02[3]	2.67	6.02	9.30	16.2	1.15[3]	2.88	6.34	9.97	17.9
	16		0.78[3]	3.27[3]	5.43[4]	10.3	0.07[3]	1.39[3]	4.41[3]	6.99	12.7	0.21[3]	1.75[3]	5.07[4]	8.24	15.0	0.31[3]	1.94[3]	5.40[4]	8.91	16.7
	24			1.84[2]	3.87[3]	8.40[3]			2.83[3]	5.28[3]	10.7[4]		0.11[3]	3.38[3]	6.35[3]	12.8		0.27[3]	3.69[3]	6.97[4]	14.4
18	12		0.84[3]	3.02[3]	4.93[3]	9.16	0.20[2]	1.40[3]	4.02[3]	6.30[4]	11.3	0.34[3]	1.77[3]	4.75[4]	7.51	13.4	0.44[3]	1.96[3]	5.04[4]	8.29	15.2
	16		0.01[2]	2.18[2]	4.01[3]	8.06[4]		0.50[2]	3.09[3]	5.29[3]	10.2[4]		0.77[3]	3.72[3]	6.38[3]	12.1		0.94[3]	4.02[3]	7.10[4]	13.8
	24			0.72[1]	2.40[2]	6.16[3]			1.48[2]	3.52[2]	8.10[3]			1.94[2]	4.40[3]	9.79[3]			2.20[2]	5.01[3]	11.3[4]
20	12		0.22[2]	2.10[2]	3.70[3]	7.22[3]		0.67[2]	2.91[3]	4.83[3]	9.06[4]		0.95[3]	3.56[3]	5.82[3]	10.8		1.13[3]	3.85[3]	6.55[4]	12.4
	16			1.27[2]	2.79[2]	6.14[3]			1.99[2]	3.82[3]	7.89[3]			2.52[2]	4.69[3]	9.47[3]		0.06[2]	2.79[3]	5.34[3]	11.0[4]
	24				1.21[1]	4.27[2]			0.41[1]	2.09[2]	5.86[2]			0.73[1]	2.73[2]	7.22[3]			0.94[2]	3.24[2]	8.53[3]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

40 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600S162					600S200					600S250					600S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	2.59	4.00	7.22	9.87	15.5	3.17	5.23	9.75	13.4	21.5	3.48	5.71	10.1	14.9	25.2	3.66	5.86	10.5	15.1	27.0
	16	2.24	3.65	6.89	9.54	15.2	2.81	4.84	9.36	13.0	21.1	3.11	5.31	9.67	14.5	24.7	3.28	5.48	10.1	14.7	26.5
	24	1.55	2.97	6.23	8.89	14.5	2.10	4.07	8.58	12.2	20.3	2.37	4.53	8.92	13.7	23.8	2.54	4.71	9.35	13.9	25.6
9	12	2.29	3.70	6.92	9.57	15.2	2.84	4.84	9.26	12.8	20.8	3.14	5.32	9.59	14.3	24.3	3.31	5.48	10.0	14.6	26.1
	16	1.85	3.26	6.50	9.14	14.8	2.39	4.36	8.76	12.3	20.3	2.67	4.82	9.11	13.8	23.8	2.84	4.99	9.53	14.1	25.5
	24	1.00	2.41	5.67	8.31	13.9	1.52	3.41	7.79	11.3	19.2	1.77	3.85	8.17	12.7	22.6	1.92	4.04	8.59	13.1	24.4
10	12	1.95	3.36	6.57	9.21	14.8	2.48	4.41	8.70	12.2	20.0	2.76	4.89	9.06	13.6	23.3	2.93	5.06	9.48	13.9	25.0
	16	1.42	2.82	6.04	8.68	14.3	1.94	3.82	8.09	11.6	19.3	2.20	4.28	8.47	13.0	22.6	2.36	4.46	8.89	13.3	24.3
	24	0.41[4]	1.80	5.03	7.64	13.2	0.91	2.69	6.92	10.3	18.0	1.12	3.11	7.33	11.7	21.2	1.27	3.31	7.75	12.1	22.9
12	12	1.19	2.54	5.67	8.32	13.9	1.68	3.44	7.37	10.6	17.9	1.92	3.90	7.82	12.0	20.9	2.08	4.09	8.24	12.4	22.6
	16	0.50[3]	1.82	4.93	7.56	13.0	0.97[4]	2.65	6.55	9.77	17.0	1.18[4]	3.08	7.01	11.1	19.9	1.32	3.27	7.43	11.6	21.5
	24		0.49[3]	3.56[4]	6.11	11.5		1.19[3]	5.01[4]	8.15	15.2		1.54[4]	5.48	9.38	17.9		1.74[4]	5.89	9.87	19.6
14	12	0.41[3]	1.64[4]	4.48	6.94	12.5	0.85[3]	2.39[4]	5.88	8.83	15.4	1.04[4]	2.82	6.44	10.1	18.0	1.18[4]	3.02	6.84	10.7	19.7
	16		0.78[3]	3.59[3]	5.98[4]	11.4	0.01[3]	1.45[3]	4.90[4]	7.78	14.2	0.16[3]	1.82[4]	5.43	9.01	16.7	0.27[3]	2.02[4]	5.83	9.60	18.4
	24			1.98[3]	4.25[3]	9.36[4]			3.11[3]	5.86[3]	12.0		0.01[3]	3.60[3]	6.95[4]	14.4		0.19[3]	3.97[3]	7.53[4]	15.9
16	12		0.78[3]	3.27[3]	5.43[4]	10.3	0.07[3]	1.39[3]	4.41[3]	6.99	12.7	0.21[3]	1.75[3]	5.07[4]	8.24	15.0	0.31[3]	1.94[3]	5.40[4]	8.91	16.7
	16			2.30[3]	4.36[3]	8.99[4]		0.35[3]	3.33[3]	5.82[3]	11.4		0.63[3]	3.92[3]	6.96[4]	13.5		0.80[3]	4.24[3]	7.59[4]	15.1
	24			0.58[2]	2.49[2]	6.77[3]			1.43[2]	3.76[3]	8.98[3]			1.88[2]	4.67[3]	10.9[3]			2.16[2]	5.24[3]	12.4[4]
18	12		0.01[2]	2.18[2]	4.01[3]	8.06[4]		0.50[2]	3.09[3]	5.29[3]	10.2[4]		0.77[3]	3.72[3]	6.38[3]	12.1		0.94[3]	4.02[3]	7.10[4]	13.8
	16			1.18[2]	2.91[2]	6.76[3]			1.99[2]	4.08[3]	8.75[3]			2.50[2]	5.03[3]	10.5[4]			2.78[3]	5.68[3]	12.1[4]
	24				1.01[1]	4.50[2]			0.08[1]	1.99[2]	6.31[2]			0.39[1]	2.68[2]	7.82[3]			0.61[2]	3.19[2]	9.18[3]
20	12			1.27[2]	2.79[2]	6.14[3]			1.99[2]	3.82[3]	7.89[3]			2.52[2]	4.69[3]	9.47[3]		0.06[2]	2.79[3]	5.34[3]	11.0[4]
	16			0.29[1]	1.71[2]	4.85[2]			0.91[1]	2.64[2]	6.50[3]			1.29[2]	3.35[2]	7.93[3]			1.52[2]	3.90[2]	9.31[3]
	24					2.66[1]				0.60[1]	4.12[2]				1.05[1]	5.29[2]				1.43[1]	6.40[2]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

50 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600S162					600S200					600S250					600S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	2.32	3.74	6.97	9.62	15.3	2.90	4.93	9.45	13.1	21.2	3.20	5.41	9.76	14.6	24.8	3.38	5.57	10.2	14.8	26.6
	16	1.89	3.31	6.56	9.21	14.9	2.45	4.45	8.97	12.6	20.7	2.74	4.92	9.29	14.1	24.3	2.91	5.09	9.73	14.3	26.1
	24	1.04	2.47	5.75	8.40	14.0	1.58	3.51	8.01	11.6	19.7	1.84	3.95	8.37	13.0	23.2	1.99	4.14	8.80	13.4	25.0
9	12	1.96	3.37	6.60	9.25	14.9	2.50	4.48	8.89	12.4	20.4	2.79	4.95	9.23	13.9	23.9	2.96	5.12	9.65	14.2	25.6
	16	1.42	2.83	6.08	8.72	14.4	1.95	3.88	8.27	11.8	19.7	2.22	4.33	8.63	13.2	23.2	2.38	4.51	9.06	13.6	24.9
	24	0.39	1.79	5.06	7.70	13.3	0.89	2.72	7.08	10.6	18.5	1.11	3.14	7.48	12.0	21.8	1.26	3.33	7.90	12.3	23.5
10	12	1.55	2.96	6.17	8.81	14.4	2.07	3.97	8.24	11.7	19.5	2.34	4.43	8.62	13.1	22.8	2.50	4.61	9.04	13.4	24.5
	16	0.91	2.30	5.53	8.16	13.7	1.42	3.25	7.50	10.9	18.7	1.65	3.69	7.89	12.3	21.9	1.81	3.88	8.32	12.7	23.6
	24		1.06[4]	4.30	6.90	12.4	0.17[4]	1.88	6.07	9.47	17.1	0.35[4]	2.27	6.50	10.8	20.2	0.48[4]	2.47	6.92	11.2	21.9
12	12	0.67[4]	2.00	5.11	7.74	13.2	1.14[4]	2.85	6.75	9.98	17.2	1.36	3.28	7.21	11.3	20.1	1.51	3.47	7.63	11.8	21.8
	16		1.14[3]	4.23	6.82	12.2	0.30[3]	1.90[4]	5.76	8.94	16.1	0.47[3]	2.29	6.23	10.2	18.9	0.60[4]	2.49	6.65	10.7	20.6
	24			2.60[3]	5.09[3]	10.4		0.17[3]	3.94[3]	7.02[4]	13.9		0.47[3]	4.40[4]	8.17	16.6		0.66[3]	4.80[4]	8.68	18.2
14	12		0.99[3]	3.81[4]	6.22	11.7	0.21[3]	1.68[3]	5.14[4]	8.03	14.5	0.37[3]	2.06[4]	5.68	9.28	17.0	0.49[3]	2.26[4]	6.08	9.88	18.7
	16			2.76[3]	5.09[3]	10.3		0.58[3]	3.97[3]	6.79[4]	13.1		0.89[3]	4.49[3]	7.95	15.5		1.08[3]	4.87[4]	8.54	17.1
	24			0.89[2]	3.06[3]	7.97[3]			1.90[2]	4.56[3]	10.6[3]			2.34[3]	5.53[3]	12.7[4]			2.68[3]	6.09[3]	14.2
16	12		0.06[2]	2.53[3]	4.62[3]	9.29[4]		0.60[3]	3.59[3]	6.10[3]	11.7		0.90[3]	4.20[3]	7.27[4]	13.9		1.08[3]	4.52[3]	7.91	15.5
	16			1.41[2]	3.39[3]	7.84[3]			2.35[2]	4.75[3]	10.1[4]			2.86[3]	5.77[3]	12.1[4]			3.16[3]	6.38[3]	13.7
	24				1.23[2]	5.29[2]			0.17[1]	2.38[2]	7.39[3]			0.52[2]	3.15[2]	9.12[3]			0.77[2]	3.66[3]	10.5[3]
18	12			1.42[2]	3.17[2]	7.07[3]			2.25[2]	4.37[3]	9.08[3]			2.80[3]	5.35[3]	10.9[4]		0.01[2]	3.07[3]	6.02[3]	12.5
	16			0.28[1]	1.92[2]	5.58[3]			1.00[2]	2.99[2]	7.48[3]			1.40[2]	3.80[2]	9.11[3]			1.65[2]	4.38[3]	10.6[3]
	24					3.02[2]				0.62[1]	4.71[2]				1.13[1]	6.04[2]				1.54[2]	7.25[3]
20	12			0.52[1]	1.96[2]	5.16[2]			1.17[2]	2.92[2]	6.83[3]			1.58[2]	3.67[2]	8.30[3]			1.83[2]	4.25[3]	9.72[3]
	16				0.74[1]	3.71[2]				1.57[1]	5.26[2]			0.19[1]	2.15[2]	6.55[2]			0.38[1]	2.61[2]	7.79[3]
	24					1.23[1]					2.57[1]					3.56[1]					4.49[2]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

60 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600S162					600S200					600S250					600S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	2.06	3.48	6.72	9.38	15.0	2.63	4.64	9.16	12.8	20.9	2.92	5.11	9.48	14.3	24.5	3.10	5.28	9.91	14.5	26.3
	16	1.55	2.97	6.23	8.89	14.5	2.10	4.07	8.58	12.2	20.3	2.37	4.53	8.92	13.7	23.8	2.54	4.71	9.35	13.9	25.6
	24	0.55	1.97	5.28	7.93	13.6	1.08	2.96	7.45	11.0	19.1	1.31	3.39	7.82	12.5	22.5	1.46	3.58	8.25	12.8	24.3
9	12	1.63	3.04	6.29	8.93	14.6	2.17	4.11	8.52	12.1	20.0	2.44	4.58	8.87	13.5	23.5	2.61	4.75	9.30	13.8	25.2
	16	1.00	2.41	5.67	8.31	13.9	1.52	3.41	7.79	11.3	19.2	1.77	3.85	8.17	12.7	22.6	1.92	4.04	8.59	13.1	24.4
	24		1.18	4.47	7.10	12.7	0.28[4]	2.05	6.39	9.89	17.7	0.47	2.44	6.80	11.2	21.0	0.60	2.65	7.22	11.6	22.7
10	12	1.16	2.56	5.79	8.41	14.0	1.67	3.53	7.79	11.2	19.0	1.92	3.98	8.18	12.6	22.3	2.08	4.17	8.61	13.0	24.0
	16	0.41[4]	1.80	5.03	7.64	13.2	0.91	2.69	6.92	10.3	18.0	1.12	3.11	7.33	11.7	21.2	1.27	3.31	7.75	12.1	22.9
	24		0.35[3]	3.59[4]	6.17	11.6		1.09[4]	5.25	8.63	16.2		1.45	5.69	9.89	19.2		1.66	6.11	10.3	20.9
12	12	0.17[3]	1.48[4]	4.58	7.18	12.6	0.63[3]	2.27	6.15	9.35	16.5	0.82[4]	2.68	6.62	10.6	19.4	0.95[4]	2.88	7.04	11.1	21.0
	16		0.49[3]	3.56[4]	6.11	11.5		1.19[3]	5.01[4]	8.15	15.2		1.54[4]	5.48	9.38	17.9		1.74[4]	5.89	9.87	19.6
	24			1.69[3]	4.13[3]	9.29[4]			2.92[3]	5.94[3]	12.7			3.38[3]	7.02[4]	15.2			3.75[3]	7.54[4]	16.8
14	12		0.38[3]	3.17[3]	5.53[4]	10.9		1.01[3]	4.43[3]	7.28	13.6		1.35[3]	4.96[4]	8.47	16.1		1.54[3]	5.35[4]	9.06	17.8
	16			1.98[3]	4.25[3]	9.36[4]			3.11[3]	5.86[3]	12.0		0.01[3]	3.60[3]	6.95[4]	14.4		0.19[3]	3.97[3]	7.53[4]	15.9
	24				1.96[2]	6.67[3]			0.76[2]	3.34[3]	9.15[3]			1.17[2]	4.21[3]	11.2[3]			1.47[2]	4.74[3]	12.6[4]
16	12			1.84[2]	3.87[3]	8.40[3]			2.83[3]	5.28[3]	10.7[4]		0.11[3]	3.38[3]	6.35[3]	12.8		0.27[3]	3.69[3]	6.97[4]	14.4
	16			0.58[2]	2.49[2]	6.77[3]			1.43[2]	3.76[3]	8.98[3]			1.88[2]	4.67[3]	10.9[3]			2.16[2]	5.24[3]	12.4[4]
	24				0.08[1]	3.92[2]				1.11[2]	5.91[2]				1.74[2]	7.49[3]				2.19[2]	8.77[3]
18	12			0.72[1]	2.40[2]	6.16[3]			1.48[2]	3.52[2]	8.10[3]			1.94[2]	4.40[3]	9.79[3]			2.20[2]	5.01[3]	11.3[4]
	16				1.01[1]	4.50[2]			0.08[1]	1.99[2]	6.31[2]			0.39[1]	2.68[2]	7.82[3]			0.61[2]	3.19[2]	9.18[3]
	24					1.66[1]					3.24[1]					4.42[2]				0.03[1]	5.47[2]
20	12				1.21[1]	4.27[2]			0.41[1]	2.09[2]	5.86[2]			0.73[1]	2.73[2]	7.22[3]			0.94[2]	3.24[2]	8.53[3]
	16					2.66[1]				0.60[1]	4.12[2]				1.05[1]	5.29[2]				1.43[1]	6.40[2]
	24										1.16[1]					1.99[1]					2.76[1]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

70 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	600S162					600S200					600S250					600S300				
		33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi			33 ksi		50 ksi		
		33	43	54	68	97	33	43	54	68	97	33	43	54	68	97	33	43	54	68	97
8	12	1.80	3.22	6.48	9.13	14.8	2.36	4.36	8.87	12.5	20.6	2.65	4.82	9.20	14.0	24.2	2.82	4.99	9.63	14.2	25.9
	16	1.21	2.63	5.91	8.57	14.2	1.76	3.70	8.20	11.8	19.9	2.01	4.14	8.55	13.2	23.4	2.18	4.33	8.98	13.5	25.2
	24	0.07	1.49	4.81	7.46	13.1	0.58	2.42	6.89	10.5	18.5	0.79	2.83	7.28	11.9	21.9	0.93	3.03	7.71	12.2	23.6
9	12	1.31	2.72	5.97	8.62	14.2	1.84	3.76	8.15	11.7	19.6	2.10	4.21	8.52	13.1	23.0	2.26	4.39	8.94	13.4	24.8
	16	0.59	1.99	5.26	7.90	13.5	1.10	2.95	7.32	10.8	18.7	1.33	3.37	7.70	12.2	22.1	1.48	3.57	8.13	12.6	23.8
	24		0.60[4]	3.89	6.51	12.0		1.39	5.71	9.19	17.0		1.77	6.13	10.5	20.2		1.97	6.55	10.9	21.9
10	12	0.78	2.17	5.40	8.03	13.6	1.29	3.11	7.35	10.8	18.5	1.52	3.54	7.75	12.2	21.7	1.67	3.73	8.18	12.5	23.4
	16		1.30	4.54	7.14	12.7	0.41[4]	2.15	6.35	9.76	17.4	0.61[4]	2.55	6.77	11.1	20.5	0.74	2.75	7.20	11.5	22.2
	24			2.90[3]	5.46	10.9		0.33[3]	4.46[4]	7.80	15.3		0.66[4]	4.91	9.02	18.2		0.86[4]	5.32	9.46	19.9
12	12		0.97[3]	4.06[4]	6.64	12.0	0.13[3]	1.72[4]	5.57	8.74	15.8	0.30[3]	2.10	6.04	10.0	18.6	0.42[3]	2.30	6.46	10.5	20.3
	16			2.92[3]	5.43[4]	10.7		0.50[3]	4.29[4]	7.39	14.3		0.82[3]	4.76[4]	8.57	17.0		1.02[4]	5.16[4]	9.07	18.6
	24			0.83[2]	3.20[3]	8.27[3]			1.94[3]	4.91[3]	11.6[4]			2.39[3]	5.91[3]	14.0			2.75[3]	6.43[4]	15.5
14	12			2.56[3]	4.88[3]	10.1		0.37[3]	3.75[3]	6.56[4]	12.8		0.66[3]	4.26[3]	7.69[4]	15.2		0.85[3]	4.64[4]	8.28	16.8
	16			1.25[2]	3.45[3]	8.42[3]			2.29[3]	4.98[3]	11.0[4]			2.75[3]	5.99[3]	13.3			3.10[3]	6.56[3]	14.8
	24				0.92[2]	5.45[3]				2.19[2]	7.83[3]			0.06[2]	2.96[2]	9.73[3]			0.32[2]	3.46[3]	11.1[3]
16	12			1.20[2]	3.16[3]	7.56[3]			2.11[2]	4.50[3]	9.84[3]			2.61[3]	5.49[3]	11.8[4]			2.91[3]	6.09[3]	13.4
	16				1.64[2]	5.76[3]			0.58[2]	2.83[2]	7.90[3]			0.96[2]	3.64[2]	9.69[3]			1.22[2]	4.17[3]	11.1[3]
	24					2.65[2]					4.54[2]				0.42[1]	5.97[2]				0.81[2]	7.14[3]
18	12			0.07[1]	1.68[2]	5.30[2]			0.76[1]	2.73[2]	7.18[3]			1.14[2]	3.51[2]	8.78[3]			1.38[2]	4.07[3]	10.2[3]
	16				0.16[1]	3.50[2]				1.06[1]	5.23[2]				1.63[2]	6.62[2]				2.07[2]	7.87[3]
	24					0.41[1]					1.88[1]					2.91[1]					3.82[2]
20	12				0.51[1]	3.44[2]				1.32[1]	4.96[2]				1.87[2]	6.23[2]			0.12[1]	2.31[2]	7.43[3]
	16					1.69[1]					3.07[1]				0.04[1]	4.12[2]				0.33[1]	5.11[2]
	24															0.54[1]					1.15[1]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

0 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800S162				800S200				800S250				800S300			
		33 ksi	50 ksi			33 ksi	50 ksi			33 ksi	50 ksi			33 ksi	50 ksi		
		43	54	68	97	43	54	68	97	43	54	68	97	43	54	68	97
8	12	4.96	7.94	10.5	16.3	6.59	11.3	14.9	23.1	7.22	11.9	17.1	28.6	7.37	12.4	17.5	31.2
	16	4.96	7.94	10.5	16.3	6.59	11.3	14.9	23.1	7.22	11.9	17.1	28.6	7.37	12.4	17.5	31.2
	24	4.96	7.94	10.5	16.3	6.59	11.3	14.9	23.1	7.22	11.9	17.1	28.6	7.37	12.4	17.5	31.2
9	12	4.96	7.94	10.5	16.3	6.59	11.3	14.9	23.1	7.20	11.9	17.1	28.5	7.34	12.3	17.4	31.0
	16	4.96	7.94	10.5	16.3	6.59	11.3	14.9	23.1	7.20	11.9	17.1	28.5	7.34	12.3	17.4	31.0
	24	4.96	7.94	10.5	16.3	6.59	11.3	14.9	23.1	7.20	11.9	17.1	28.5	7.34	12.3	17.4	31.0
10	12	4.96	7.94	10.5	16.3	6.59	11.3	14.9	23.1	7.17	11.8	17.0	28.3	7.31	12.3	17.3	30.7
	16	4.96	7.94	10.5	16.3	6.59	11.3	14.9	23.1	7.17	11.8	17.0	28.3	7.31	12.3	17.3	30.7
	24	4.96	7.94	10.5	16.3	6.59	11.3	14.9	23.1	7.17	11.8	17.0	28.3	7.31	12.3	17.3	30.7
12	12	4.96	7.94	10.5	16.3	6.59	11.3	14.9	23.1	7.10	11.6	16.8	27.9	7.23	12.0	17.0	29.9
	16	4.96	7.94	10.5	16.3	6.59	11.3	14.9	23.1	7.10	11.6	16.8	27.9	7.23	12.0	17.0	29.9
	24	4.96	7.94	10.5	16.3	6.59	11.3	14.9	23.1	7.10	11.6	16.8	27.9	7.23	12.0	17.0	29.9
14	12	4.96	7.94	10.5	16.3	6.51	11.1	14.8	23.1	6.99	11.3	16.4	27.1	7.11	11.7	16.5	28.9
	16	4.96	7.94	10.5	16.3	6.51	11.1	14.8	23.1	6.99	11.3	16.4	27.1	7.11	11.7	16.5	28.9
	24	4.96	7.94	10.5	16.3	6.51	11.1	14.8	23.1	6.99	11.3	16.4	27.1	7.11	11.7	16.5	28.9
16	12	4.96	7.94	10.5	16.3	6.34	10.7	14.3	22.5	6.84	11.0	15.8	25.9	6.96	11.4	16.0	27.7
	16	4.96	7.94	10.5	16.3	6.34	10.7	14.3	22.5	6.84	11.0	15.8	25.9	6.96	11.4	16.0	27.7
	24	4.96	7.94	10.5	16.3	6.34	10.7	14.3	22.5	6.84	11.0	15.8	25.9	6.96	11.4	16.0	27.7
18	12	4.96	7.94	10.5	16.3	6.13	10.2	13.6	21.3	6.66	10.5	15.0	24.5	6.79	10.9	15.4	26.3
	16	4.96	7.94	10.5	16.3	6.13	10.2	13.6	21.3	6.66	10.5	15.0	24.5	6.79	10.9	15.4	26.3
	24	4.96	7.93	10.5	16.3	6.13	10.2	13.6	21.3	6.66	10.5	15.0	24.5	6.79	10.9	15.4	26.3
20	12	4.88	7.84	10.5	16.3	5.87	9.52	12.7	20.0	6.46	10.1	14.3	22.9	6.59	10.4	14.8	24.8
	16	4.88	7.84	10.5	16.3	5.87	9.52	12.7	20.0	6.46	10.1	14.3	22.9	6.59	10.4	14.8	24.8
	24	4.88	7.84	10.5	16.3	5.87	9.52	12.7	20.0	6.46	10.1	14.3	22.9	6.59	10.4	14.8	24.8

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

10 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800S162				800S200				800S250				800S300			
		33 ksi	50 ksi			33 ksi	50 ksi			33 ksi	50 ksi			33 ksi	50 ksi		
		43	54	68	97	43	54	68	97	43	54	68	97	43	54	68	97
8	12	4.77	7.77	10.4	16.2	6.38	11.1	14.7	22.9	6.99	11.7	16.9	28.4	7.14	12.2	17.3	30.9
	16	4.71	7.71	10.3	16.1	6.30	11.0	14.7	22.9	6.92	11.6	16.8	28.3	7.07	12.1	17.2	30.9
	24	4.59	7.59	10.2	16.0	6.16	10.9	14.5	22.7	6.76	11.5	16.7	28.1	6.92	12.0	17.1	30.7
9	12	4.72	7.72	10.3	16.1	6.32	11.0	14.7	22.9	6.91	11.6	16.8	28.2	7.06	12.1	17.1	30.6
	16	4.64	7.64	10.3	16.0	6.22	10.9	14.6	22.8	6.81	11.5	16.7	28.1	6.96	12.0	17.0	30.5
	24	4.48	7.50	10.1	15.9	6.04	10.8	14.4	22.6	6.62	11.3	16.5	27.9	6.77	11.8	16.9	30.3
10	12	4.66	7.66	10.3	16.1	6.24	11.0	14.6	22.8	6.81	11.5	16.6	27.9	6.96	11.9	16.9	30.3
	16	4.56	7.57	10.2	16.0	6.13	10.8	14.5	22.7	6.69	11.3	16.5	27.8	6.84	11.8	16.8	30.1
	24	4.36	7.39	10.0	15.8	5.90	10.6	14.3	22.5	6.45	11.1	16.3	27.5	6.60	11.6	16.6	29.9
12	12	4.52	7.52	10.1	15.9	6.07	10.8	14.4	22.6	6.57	11.1	16.2	27.3	6.71	11.5	16.4	29.3
	16	4.37	7.39	10.0	15.8	5.90	10.6	14.3	22.4	6.39	10.9	16.0	27.1	6.54	11.4	16.3	29.1
	24	4.08	7.12	9.74	15.5	5.57	10.3	13.9	22.1	6.05	10.6	15.7	26.7	6.20	11.0	15.9	28.7
14	12	4.34	7.35	9.96	15.7	5.79	10.4	14.1	22.4	6.26	10.6	15.6	26.3	6.40	11.0	15.8	28.1
	16	4.14	7.16	9.77	15.5	5.55	10.1	13.8	22.1	6.02	10.4	15.3	26.0	6.16	10.8	15.5	27.8
	24	3.74	6.78	9.39	15.2	5.09	9.66	13.4	21.6	5.55	9.93	14.8	25.5	5.70	10.3	15.1	27.2
16	12	4.12	7.13	9.74	15.5	5.39	9.72	13.3	21.4	5.88	10.0	14.7	24.8	6.02	10.4	15.0	26.5
	16	3.85	6.87	9.48	15.2	5.09	9.40	13.0	21.1	5.57	9.72	14.4	24.4	5.72	10.1	14.7	26.1
	24	3.34	6.36	8.97	14.7	4.50	8.78	12.3	20.4	4.96	9.13	13.7	23.7	5.12	9.54	14.0	25.4
18	12	3.87	6.86	9.45	15.2	4.93	8.91	12.3	20.0	5.43	9.32	13.7	23.0	5.59	9.74	14.1	24.8
	16	3.53	6.52	9.11	14.8	4.56	8.52	11.9	19.5	5.05	8.94	13.3	22.6	5.21	9.36	13.7	24.3
	24	2.88	5.87	8.45	14.1	3.85	7.77	11.1	18.7	4.31	8.21	12.5	21.6	4.48	8.63	12.9	23.3
20	12	3.52	6.46	9.10	14.8	4.42	8.01	11.1	18.3	4.94	8.59	12.6	21.1	5.12	8.97	13.2	22.9
	16	3.11	6.04	8.66	14.3	3.98	7.55	10.7	17.8	4.49	8.13	12.1	20.5	4.67	8.52	12.7	22.3
	24	2.35	5.25	7.83	13.4	3.17	6.70	9.76	16.7	3.62	7.27	11.1	19.4	3.81	7.66	11.7	21.2

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

20 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800S162				800S200				800S250				800S300			
		33 ksi	50 ksi			33 ksi	50 ksi			33 ksi	50 ksi			33 ksi	50 ksi		
		43	54	68	97	43	54	68	97	43	54	68	97	43	54	68	97
8	12	4.59	7.59	10.2	16.0	6.16	10.9	14.5	22.7	6.76	11.5	16.7	28.1	6.92	12.0	17.1	30.7
	16	4.46	7.48	10.1	15.9	6.02	10.7	14.4	22.6	6.61	11.3	16.5	28.0	6.77	11.8	16.9	30.5
	24	4.21	7.25	9.88	15.7	5.73	10.4	14.1	22.3	6.32	11.1	16.2	27.6	6.48	11.5	16.6	30.2
9	12	4.48	7.50	10.1	15.9	6.04	10.8	14.4	22.6	6.62	11.3	16.5	27.9	6.77	11.8	16.9	30.3
	16	4.32	7.35	9.97	15.8	5.85	10.6	14.2	22.4	6.43	11.1	16.3	27.6	6.59	11.6	16.7	30.1
	24	4.01	7.06	9.69	15.5	5.49	10.2	13.9	22.1	6.05	10.8	15.9	27.2	6.21	11.2	16.3	29.7
10	12	4.36	7.39	10.0	15.8	5.90	10.6	14.3	22.5	6.45	11.1	16.3	27.5	6.60	11.6	16.6	29.9
	16	4.17	7.20	9.83	15.6	5.67	10.4	14.0	22.2	6.22	10.9	16.0	27.3	6.37	11.3	16.4	29.6
	24	3.78	6.84	9.47	15.3	5.22	9.91	13.6	21.8	5.75	10.4	15.5	26.8	5.91	10.9	15.9	29.1
12	12	4.08	7.12	9.74	15.5	5.57	10.3	13.9	22.1	6.05	10.6	15.7	26.7	6.20	11.0	15.9	28.7
	16	3.80	6.85	9.47	15.3	5.23	9.91	13.6	21.8	5.71	10.3	15.3	26.3	5.86	10.7	15.6	28.3
	24	3.23	6.32	8.95	14.7	4.57	9.23	12.9	21.1	5.03	9.61	14.6	25.5	5.20	10.0	14.9	27.5
14	12	3.74	6.78	9.39	15.2	5.09	9.66	13.4	21.6	5.55	9.93	14.8	25.5	5.70	10.3	15.1	27.2
	16	3.35	6.40	9.02	14.8	4.64	9.19	12.9	21.1	5.09	9.48	14.3	24.9	5.25	9.90	14.6	26.7
	24	2.60	5.68	8.30	14.0	3.77	8.27	12.0	20.2	4.19	8.60	13.4	23.8	4.36	9.01	13.7	25.6
16	12	3.34	6.36	8.97	14.7	4.50	8.78	12.3	20.4	4.96	9.13	13.7	23.7	5.12	9.54	14.0	25.4
	16	2.84	5.87	8.47	14.2	3.94	8.19	11.7	19.8	4.38	8.55	13.1	23.0	4.55	8.96	13.4	24.7
	24	1.88	4.93	7.52	13.2	2.86	7.05	10.5	18.5	3.26	7.44	11.9	21.6	3.44	7.85	12.2	23.3
18	12	2.88	5.87	8.45	14.1	3.85	7.77	11.1	18.7	4.31	8.21	12.5	21.6	4.48	8.63	12.9	23.3
	16	2.27	5.25	7.82	13.5	3.17	7.06	10.4	17.9	3.61	7.51	11.7	20.7	3.79	7.93	12.2	22.4
	24	1.13[3]	4.10[4]	6.62	12.2	1.92[4]	5.74	8.97	16.3	2.30	6.19	10.2	19.1	2.48	6.60	10.7	20.7
20	12	2.35	5.25	7.83	13.4	3.17	6.70	9.76	16.7	3.62	7.27	11.1	19.4	3.81	7.66	11.7	21.2
	16	1.65[4]	4.52	7.06	12.6	2.41	5.90	8.92	15.8	2.82	6.46	10.2	18.4	3.00	6.84	10.8	20.1
	24	0.37[3]	3.20[3]	5.64[4]	11.0	1.03[3]	4.44[4]	7.38	14.0	1.35[3]	4.97[4]	8.55	16.5	1.52[3]	5.33[4]	9.13	18.1

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

30 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800S162				800S200				800S250				800S300			
		33 ksi	50 ksi			33 ksi	50 ksi			33 ksi	50 ksi			33 ksi	50 ksi		
		43	54	68	97	43	54	68	97	43	54	68	97	43	54	68	97
8	12	4.40	7.42	10.0	15.8	5.94	10.7	14.3	22.5	6.54	11.3	16.5	27.9	6.70	11.8	16.9	30.4
	16	4.21	7.25	9.88	15.7	5.73	10.4	14.1	22.3	6.32	11.1	16.2	27.6	6.48	11.5	16.6	30.2
	24	3.84	6.91	9.55	15.3	5.30	10.0	13.7	21.9	5.87	10.6	15.8	27.2	6.04	11.1	16.2	29.7
9	12	4.24	7.28	9.90	15.7	5.76	10.5	14.1	22.3	6.33	11.0	16.2	27.5	6.49	11.5	16.6	30.0
	16	4.01	7.06	9.69	15.5	5.49	10.2	13.9	22.1	6.05	10.8	15.9	27.2	6.21	11.2	16.3	29.7
	24	3.54	6.63	9.26	15.1	4.94	9.65	13.3	21.5	5.48	10.2	15.3	26.6	5.65	10.7	15.7	29.0
10	12	4.07	7.11	9.74	15.5	5.56	10.3	13.9	22.1	6.10	10.8	15.9	27.1	6.25	11.2	16.2	29.5
	16	3.78	6.84	9.47	15.3	5.22	9.91	13.6	21.8	5.75	10.4	15.5	26.8	5.91	10.9	15.9	29.1
	24	3.20	6.31	8.94	14.7	4.54	9.24	12.9	21.1	5.05	9.76	14.8	26.0	5.22	10.2	15.2	28.3
12	12	3.65	6.71	9.34	15.1	5.07	9.74	13.4	21.6	5.54	10.1	15.1	26.1	5.69	10.5	15.4	28.1
	16	3.23	6.32	8.95	14.7	4.57	9.23	12.9	21.1	5.03	9.61	14.6	25.5	5.20	10.0	14.9	27.5
	24	2.41	5.54	8.18	14.0	3.62	8.25	11.9	20.1	4.05	8.65	13.6	24.4	4.22	9.08	13.9	26.4
14	12	3.16	6.22	8.84	14.6	4.42	8.96	12.7	20.9	4.86	9.26	14.1	24.6	5.02	9.67	14.4	26.4
	16	2.60	5.68	8.30	14.0	3.77	8.27	12.0	20.2	4.19	8.60	13.4	23.8	4.36	9.01	13.7	25.6
	24	1.52	4.63	7.24	13.0	2.52	6.96	10.6	18.8	2.91	7.33	12.0	22.3	3.09	7.74	12.3	24.0
16	12	2.59	5.63	8.23	13.9	3.66	7.90	11.4	19.4	4.09	8.27	12.8	22.6	4.26	8.68	13.1	24.3
	16	1.88	4.93	7.52	13.2	2.86	7.05	10.5	18.5	3.26	7.44	11.9	21.6	3.44	7.85	12.2	23.3
	24	0.56[3]	3.61[4]	6.16	11.8	1.36[4]	5.46	8.9	16.7	1.70[4]	5.88	10.1	19.6	1.88	6.27	10.5	21.3
18	12	1.97	4.96	7.51	13.1	2.85	6.72	10.0	17.5	3.27	7.17	11.3	20.3	3.45	7.58	11.8	22.0
	16	1.13[3]	4.10[4]	6.62	12.2	1.92[4]	5.74	8.97	16.3	2.30	6.19	10.2	19.1	2.48	6.60	10.7	20.7
	24		2.53[3]	4.98[3]	10.4	0.23[3]	3.93[3]	7.07[4]	14.2	0.51[3]	4.39[4]	8.18	16.7	0.67[3]	4.76[4]	8.68	18.3
20	12	1.31[3]	4.18[4]	6.69	12.2	2.05[4]	5.52	8.52	15.3	2.43	6.07	9.78	17.9	2.62	6.45	10.4	19.6
	16	0.37[3]	3.20[3]	5.64[4]	11.0	1.03[3]	4.44[4]	7.38	14.0	1.35[3]	4.97[4]	8.55	16.5	1.52[3]	5.33[4]	9.13	18.1
	24		1.44[2]	3.75[3]	8.89[3]		2.52[3]	5.31[3]	11.7[4]		2.98[3]	6.31[3]	13.9		3.30[3]	6.85[4]	15.4

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

40 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800S162				800S200				800S250				800S300			
		33 ksi	50 ksi			33 ksi	50 ksi			33 ksi	50 ksi			33 ksi	50 ksi		
		43	54	68	97	43	54	68	97	43	54	68	97	43	54	68	97
8	12	4.21	7.25	9.88	15.7	5.73	10.4	14.1	22.3	6.32	11.1	16.2	27.6	6.48	11.5	16.6	30.2
	16	3.97	7.03	9.66	15.4	5.44	10.2	13.8	22.0	6.02	10.8	15.9	27.3	6.18	11.3	16.3	29.9
	24	3.48	6.58	9.22	15.0	4.87	9.59	13.3	21.5	5.43	10.2	15.3	26.7	5.60	10.7	15.7	29.2
9	12	4.01	7.06	9.69	15.5	5.49	10.2	13.9	22.1	6.05	10.8	15.9	27.2	6.21	11.2	16.3	29.7
	16	3.70	6.77	9.40	15.2	5.12	9.83	13.5	21.7	5.67	10.4	15.5	26.8	5.84	10.9	15.9	29.2
	24	3.08	6.20	8.84	14.6	4.40	9.11	12.8	21.0	4.92	9.68	14.8	26.0	5.10	10.2	15.2	28.4
10	12	3.78	6.84	9.47	15.3	5.22	9.91	13.6	21.8	5.75	10.4	15.5	26.8	5.91	10.9	15.9	29.1
	16	3.39	6.48	9.12	14.9	4.77	9.46	13.1	21.3	5.28	9.98	15.1	26.2	5.45	10.4	15.4	28.5
	24	2.63	5.77	8.42	14.2	3.88	8.57	12.3	20.5	4.36	9.09	14.1	25.2	4.54	9.54	14.5	27.5
12	12	3.23	6.32	8.95	14.7	4.57	9.23	12.9	21.1	5.03	9.61	14.6	25.5	5.20	10.0	14.9	27.5
	16	2.68	5.80	8.43	14.2	3.93	8.57	12.3	20.4	4.37	8.97	13.9	24.8	4.54	9.39	14.2	26.7
	24	1.62	4.78	7.42	13.2	2.69	7.29	11.0	19.1	3.09	7.71	12.5	23.3	3.27	8.13	12.9	25.2
14	12	2.60	5.68	8.30	14.0	3.77	8.27	12.0	20.2	4.19	8.60	13.4	23.8	4.36	9.01	13.7	25.6
	16	1.87	4.98	7.59	13.3	2.93	7.39	11.1	19.2	3.33	7.75	12.4	22.8	3.51	8.16	12.7	24.5
	24	0.49[3]	3.63	6.23	11.9	1.34[4]	5.72	9.34	17.4	1.69	6.11	10.6	20.8	1.87	6.51	11.0	22.4
16	12	1.88	4.93	7.52	13.2	2.86	7.05	10.5	18.5	3.26	7.44	11.9	21.6	3.44	7.85	12.2	23.3
	16	0.99[4]	4.04	6.60	12.2	1.84[4]	5.97	9.43	17.3	2.21	6.38	10.7	20.3	2.39	6.78	11.1	21.9
	24		2.38[3]	4.89[4]	10.4		3.98[3]	7.34	15.0	0.25[3]	4.41[4]	8.47	17.7	0.42[3]	4.78[4]	8.90	19.3
18	12	1.13[3]	4.10[4]	6.62	12.2	1.92[4]	5.74	8.97	16.3	2.30	6.19	10.2	19.1	2.48	6.60	10.7	20.7
	16	0.08[3]	3.04[3]	5.51[4]	11.0	0.77[3]	4.51[4]	7.68	14.9	1.08[3]	4.97[4]	8.83	17.5	1.25[4]	5.35	9.33	19.1
	24		1.10[2]	3.48[3]	8.75[4]		2.30[3]	5.33[3]	12.3[4]		2.73[3]	6.32[3]	14.6		3.06[3]	6.81[4]	16.1
20	12	0.37[3]	3.20[3]	5.64[4]	11.0	1.03[3]	4.44[4]	7.38	14.0	1.35[3]	4.97[4]	8.55	16.5	1.52[3]	5.33[4]	9.13	18.1
	16		2.00[3]	4.36[3]	9.57[4]		3.13[3]	5.97[3]	12.5	0.02[3]	3.61[3]	7.03[4]	14.7	0.17[3]	3.95[3]	7.59[4]	16.3
	24			2.07[2]	7.00[3]		0.80[2]	3.46[3]	9.58[3]		1.19[2]	4.30[3]	11.6[3]		1.46[2]	4.80[3]	13.0[4]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

50 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800S162				800S200				800S250				800S300			
		33 ksi	50 ksi			33 ksi	50 ksi			33 ksi	50 ksi			33 ksi	50 ksi		
		43	54	68	97	43	54	68	97	43	54	68	97	43	54	68	97
8	12	4.03	7.08	9.71	15.5	5.51	10.2	13.9	22.1	6.09	10.8	16.0	27.4	6.26	11.3	16.4	29.9
	16	3.72	6.80	9.44	15.2	5.16	9.88	13.6	21.8	5.72	10.5	15.6	27.0	5.89	11.0	16.0	29.5
	24	3.11	6.24	8.89	14.7	4.45	9.17	12.9	21.1	4.99	9.8	14.9	26.2	5.16	10.3	15.3	28.7
9	12	3.77	6.85	9.48	15.3	5.21	9.92	13.6	21.8	5.77	10.5	15.6	26.9	5.93	11.0	16.0	29.4
	16	3.38	6.49	9.12	14.9	4.76	9.47	13.2	21.4	5.30	10.0	15.1	26.4	5.47	10.5	15.5	28.8
	24	2.62	5.77	8.43	14.2	3.87	8.58	12.3	20.5	4.37	9.15	14.2	25.4	4.55	9.61	14.6	27.8
10	12	3.49	6.57	9.21	15.0	4.88	9.58	13.3	21.5	5.40	10.1	15.2	26.4	5.56	10.6	15.5	28.7
	16	3.01	6.13	8.77	14.6	4.32	9.01	12.7	20.9	4.82	9.53	14.6	25.7	4.99	9.99	14.9	28.0
	24	2.07	5.25	7.90	13.7	3.23	7.91	11.6	19.8	3.69	8.44	13.4	24.5	3.87	8.88	13.8	26.7
12	12	2.82	5.93	8.56	14.3	4.09	8.74	12.4	20.6	4.54	9.13	14.1	25.0	4.71	9.55	14.4	26.9
	16	2.15	5.29	7.92	13.7	3.30	7.93	11.6	19.8	3.73	8.33	13.2	24.0	3.90	8.76	13.5	26.0
	24	0.85	4.04	6.68	12.4	1.79	6.36	10.0	18.1	2.16	6.79	11.5	22.2	2.35	7.21	11.9	24.1
14	12	2.05	5.15	7.76	13.5	3.13	7.61	11.3	19.4	3.54	7.96	12.7	23.0	3.72	8.37	13.0	24.8
	16	1.17[4]	4.29	6.90	12.6	2.12	6.54	10.2	18.3	2.50	6.92	11.5	21.8	2.68	7.32	11.9	23.5
	24		2.67[3]	5.25	10.9	0.21[3]	4.53[4]	8.11	16.1	0.52[4]	4.94	9.31	19.3	0.70[4]	5.33	9.70	21.0
16	12	1.21[4]	4.26	6.83	12.5	2.09	6.24	9.70	17.6	2.47	6.64	11.0	20.6	2.65	7.05	11.4	22.2
	16	0.14[3]	3.19[3]	5.73	11.3	0.88[3]	4.95[4]	8.36	16.1	1.21[4]	5.38	9.55	19.0	1.38[4]	5.76	9.97	20.6
	24		1.22[3]	3.68[3]	9.12[4]		2.59[3]	5.89[3]	13.4		3.03[3]	6.92[4]	16.0		3.37[3]	7.37[4]	17.5
18	12	0.34[3]	3.30[3]	5.78[4]	11.3	1.05[3]	4.81[4]	8.00	15.2	1.38[4]	5.27	9.17	17.9	1.55[4]	5.66	9.66	19.5
	16		2.04[3]	4.47[3]	9.83		3.37[3]	6.47[4]	13.5		3.82[3]	7.54[4]	16.0	0.11[3]	4.18[3]	8.04	17.6
	24			2.08[2]	7.21[3]		0.80[2]	3.72[3]	10.4[3]		1.20[3]	4.59[3]	12.6[4]		1.49[3]	5.07[3]	14.0[4]
20	12		2.29[3]	4.67[3]	9.91[4]	0.08[3]	3.45[3]	6.31[3]	12.8	0.34[3]	3.94[3]	7.39[4]	15.1	0.49[3]	4.29[3]	7.96	16.7
	16		0.90[2]	3.17[3]	8.24[3]		1.92[3]	4.67[3]	11.0[4]		2.36[3]	5.62[3]	13.1[4]		2.66[3]	6.15[3]	14.6
	24			0.53[2]	5.26[2]			1.78[2]	7.65[3]			2.47[2]	9.42[3]			2.91[3]	10.7[3]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

60 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800S162				800S200				800S250				800S300			
		33 ksi	50 ksi			33 ksi	50 ksi			33 ksi	50 ksi			33 ksi	50 ksi		
		43	54	68	97	43	54	68	97	43	54	68	97	43	54	68	97
8	12	3.84	6.91	9.55	15.3	5.30	10.0	13.7	21.9	5.87	10.6	15.8	27.2	6.04	11.1	16.2	29.7
	16	3.48	6.58	9.22	15.0	4.87	9.59	13.3	21.5	5.43	10.2	15.3	26.7	5.60	10.7	15.7	29.2
	24	2.75	5.91	8.56	14.4	4.03	8.76	12.5	20.7	4.55	9.36	14.4	25.7	4.72	9.83	14.9	28.2
9	12	3.54	6.63	9.26	15.1	4.94	9.65	13.3	21.5	5.48	10.2	15.3	26.6	5.65	10.7	15.7	29.0
	16	3.08	6.20	8.84	14.6	4.40	9.11	12.8	21.0	4.92	9.68	14.8	26.0	5.10	10.2	15.2	28.4
	24	2.16	5.35	8.01	13.8	3.34	8.05	11.8	20.0	3.82	8.62	13.6	24.8	4.00	9.07	14.0	27.1
10	12	3.20	6.31	8.94	14.7	4.54	9.24	12.9	21.1	5.05	9.76	14.8	26.0	5.22	10.2	15.2	28.3
	16	2.63	5.77	8.42	14.2	3.88	8.57	12.3	20.5	4.36	9.09	14.1	25.2	4.54	9.54	14.5	27.5
	24	1.52	4.73	7.39	13.2	2.59	7.26	11.0	19.2	3.02	7.79	12.7	23.7	3.21	8.23	13.1	25.9
12	12	2.41	5.54	8.18	14.0	3.62	8.25	11.9	20.1	4.05	8.65	13.6	24.4	4.22	9.08	13.9	26.4
	16	1.62	4.78	7.42	13.2	2.69	7.29	11.0	19.1	3.09	7.71	12.5	23.3	3.27	8.13	12.9	25.2
	24	0.09[4]	3.32	5.95	11.7	0.91	5.45	9.11	17.2	1.26	5.90	10.6	21.1	1.44	6.30	10.9	23.0
14	12	1.52	4.63	7.24	13.0	2.52	6.96	10.6	18.8	2.91	7.33	12.0	22.3	3.09	7.74	12.3	24.0
	16	0.49[3]	3.63	6.23	11.9	1.34[4]	5.72	9.34	17.4	1.69	6.11	10.6	20.8	1.87	6.51	11.0	22.4
	24		1.75[3]	4.30[4]	9.90		3.38[3]	6.92	14.8		3.82[4]	8.06	17.9		4.18[4]	8.47	19.5
16	12	0.56[3]	3.61[4]	6.16	11.8	1.36[4]	5.46	8.89	16.7	1.70[4]	5.88	10.1	19.6	1.88	6.27	10.5	21.3
	16		2.38[3]	4.89[4]	10.4		3.98[3]	7.34	15.0	0.25[3]	4.41[4]	8.47	17.7	0.42[3]	4.78[4]	8.90	19.3
	24		0.12[2]	2.54[3]	7.88[3]		1.29[3]	4.50[3]	11.9[4]		1.72[3]	5.45[3]	14.3		2.03[3]	5.90[3]	15.8
18	12		2.53[3]	4.98[3]	10.4	0.23[3]	3.93[3]	7.07[4]	14.2	0.51[3]	4.39[4]	8.18	16.7	0.67[3]	4.76[4]	8.68	18.3
	16		1.10[2]	3.48[3]	8.75[4]		2.30[3]	5.33[3]	12.3[4]		2.73[3]	6.32[3]	14.6		3.06[3]	6.81[4]	16.1
	24			0.77[2]	5.76[3]			2.22[2]	8.73[3]			2.97[3]	10.7[3]			3.42[3]	12.1[3]
20	12		1.44[2]	3.75[3]	8.89[3]		2.52[3]	5.31[3]	11.7[4]		2.98[3]	6.31[3]	13.9		3.30[3]	6.85[4]	15.4
	16			2.07[2]	7.00[3]		0.80[2]	3.46[3]	9.58[3]		1.19[2]	4.30[3]	11.6[3]		1.46[2]	4.80[3]	13.0[4]
	24				3.65[2]			0.22[2]	5.85[2]			0.77[2]	7.44[3]			1.15[2]	8.62[3]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720

COMBINED AXIAL AND LATERAL LOAD TABLE

Limiting Factored Axial Compressive Resistance Per Stud (kip)

70 psf Factored Lateral Load

Wall Height (ft)	Stud Spacing (in.) o.c.	800S162				800S200				800S250				800S300			
		33 ksi	50 ksi			33 ksi	50 ksi			33 ksi	50 ksi			33 ksi	50 ksi		
		43	54	68	97	43	54	68	97	43	54	68	97	43	54	68	97
8	12	3.66	6.75	9.38	15.2	5.09	9.81	13.5	21.7	5.65	10.4	15.6	26.9	5.82	10.9	16.0	29.4
	16	3.23	6.35	9.00	14.8	4.59	9.31	13.0	21.2	5.13	9.92	15.0	26.4	5.30	10.4	15.4	28.9
	24	2.39	5.58	8.23	14.0	3.61	8.34	12.1	20.3	4.11	8.95	14.0	25.3	4.29	9.41	14.4	27.7
9	12	3.31	6.41	9.05	14.9	4.67	9.38	13.1	21.3	5.20	9.95	15.0	26.3	5.37	10.4	15.4	28.7
	16	2.77	5.92	8.56	14.4	4.05	8.76	12.5	20.7	4.55	9.33	14.4	25.6	4.73	9.79	14.8	28.0
	24	1.71	4.93	7.60	13.4	2.82	7.53	11.2	19.4	3.28	8.10	13.1	24.2	3.46	8.54	13.5	26.5
10	12	2.91	6.04	8.68	14.5	4.21	8.90	12.6	20.8	4.71	9.42	14.5	25.6	4.88	9.87	14.8	27.9
	16	2.26	5.42	8.07	13.9	3.45	8.13	11.8	20.0	3.91	8.66	13.6	24.7	4.09	9.10	14.0	26.9
	24	0.97	4.22	6.88	12.7	1.96	6.62	10.3	18.5	2.36	7.15	12.0	23.0	2.55	7.58	12.4	25.1
12	12	2.01	5.16	7.80	13.6	3.15	7.77	11.4	19.6	3.57	8.18	13.0	23.8	3.75	8.60	13.4	25.8
	16	1.10	4.29	6.92	12.7	2.08	6.67	10.3	18.5	2.47	7.10	11.9	22.5	2.65	7.51	12.2	24.4
	24		2.61[4]	5.24	11.0	0.06[4]	4.56	8.21	16.3	0.38	5.02	9.58	20.0	0.56	5.41	9.98	21.9
14	12	1.00[4]	4.13	6.73	12.4	1.92	6.33	9.97	18.1	2.29	6.72	11.3	21.5	2.47	7.12	11.6	23.2
	16		2.99[4]	5.57	11.2	0.58[4]	4.92	8.51	16.5	0.90[4]	5.33	9.74	19.8	1.09	5.72	10.1	21.4
	24		0.85[3]	3.38[3]	8.93		2.28[3]	5.78[4]	13.6		2.72[3]	6.84[4]	16.5		3.07[3]	7.27	18.1
16	12		2.99[3]	5.52	11.1	0.65[3]	4.71[4]	8.10	15.8	0.96[4]	5.13	9.27	18.7	1.14[4]	5.51	9.70	20.3
	16		1.60[3]	4.08[3]	9.55		3.05[3]	6.36[4]	13.9		3.48[3]	7.43[4]	16.6		3.83[3]	7.87	18.1
	24			1.44[3]	6.69[3]		0.05[2]	3.19[3]	10.4[3]		0.47[3]	4.04[3]	12.7[4]		0.74[3]	4.49[3]	14.1
18	12		1.80[3]	4.21[3]	9.56[4]		3.10[3]	6.18[3]	13.2		3.54[3]	7.23[4]	15.6		3.90[3]	7.73[4]	17.2
	16		0.21[2]	2.54[3]	7.71[3]		1.29[2]	4.25[3]	11.0[4]		1.70[3]	5.15[3]	13.2[4]		2.00[3]	5.64[3]	14.7
	24				4.38[2]			0.80[2]	7.11[3]			1.44[2]	8.93[3]			1.86[2]	10.2[3]
20	12		0.63[2]	2.89[3]	7.92[3]		1.64[2]	4.36[3]	10.6[3]		2.06[3]	5.28[3]	12.7[4]		2.36[3]	5.80[3]	14.2
	16			1.03[2]	5.83[3]			2.33[2]	8.28[3]		0.09[2]	3.06[2]	10.1[3]		0.32[2]	3.52[3]	11.4[3]
	24				2.14[2]				4.17[2]				5.58[2]				6.65[3]

[1] Deflection meets L/120 [3] Deflection meets L/360

[2] Deflection meets L/240 [4] Deflection meets L/600

If no note, deflection meets L/720