

ProSTUD™ 25 Drywall Stud

ClarkWestern ProSTUD 25 (15mil) physical and structural properties

Member designation	Design thickness (inches)	Min. delivered thickness (inches)	Yield strength	Gross section properties							Effective section properties at Fy				Torsional section properties					Unbraced length Lu (inches o.c.)
				Area (in ²)	Weight (lbs/ft)	Ix (in ⁴)	Sx (in ³)	Rx (in)	Iy (in ⁴)	Ry (in)	Ae (in ²)	Ixe (in ⁴)	Sxe (in ³)	Allowable Moment (in-lbs)	J* 1000 (in ⁴)	Cw (in ⁶)	Xo (in)	Ro (in)	B Beta	
162PDS125-15	0.0158	0.015	70ksi	0.071	0.241	0.033	0.041	0.688	0.015	0.466	0.028	0.028	0.022	902	0.00589	0.009	-1.088	1.369	0.368	20.9
250PDS125-15	0.0158	0.015	70ksi	0.085	0.288	0.088	0.070	1.020	0.018	0.459	0.029	0.077	0.038	1582	0.00704	0.023	-0.959	1.473	0.576	20.7
362PDS125-15	0.0158	0.015	70ksi	0.102	0.348	0.206	0.114	1.420	0.020	0.442	0.029	0.159	0.051	2128	0.00852	0.051	-0.837	1.706	0.760	20.5
400PDS125-15	0.0158	0.015	70ksi	0.108	0.369	0.260	0.130	1.549	0.021	0.436	0.029	0.197	0.056	2364	0.00901	0.064	-0.803	1.798	0.800	20.5
600PDS125-15 ₂	0.0158	0.015	70ksi	0.140	0.476	0.683	0.228	2.209	0.023	0.404	0.029	0.495	0.091	3827	0.01164	0.161	-0.666	2.343	0.919	20.0

ProTRAK™ 25 Drywall Track

ClarkWestern ProTRAK 25 (15mil) physical and structural properties

Member designation	Leg (in)	Design thickness (inches)	Min. delivered thickness (inches)	Yield strength	Gross section properties							Effective section properties at Fy				Torsional section properties				
					Area (in ²)	Weight (lbs/ft)	Ix (in ⁴)	Sx (in ³)	Rx (in)	Iy (in ⁴)	Ry (in)	Ae (in ²)	Ixe (in ⁴)	Sxe (in ³)	Allowable Moment (in-lbs)	J* 1000 (in ⁴)	Cw (in ⁶)	Xo (in)	Ro (in)	B Beta
162PDT125-15	1.25	0.0158	0.015	50ksi	0.065	0.222	0.034	0.040	0.717	0.011	0.412	0.020	0.021	0.016	464	0.00542	0.006	-0.881	1.208	0.468
162PDT150-15	1.50	0.0158	0.015	50ksi	0.073	0.249	0.039	0.046	0.731	0.018	0.497	0.020	0.023	0.015	460	0.00608	0.009	-1.110	1.419	0.388
162PDT200-15	2.00	0.0158	0.015	50ksi	0.089	0.302	0.050	0.059	0.752	0.039	0.663	0.020	0.025	0.015	455	0.00739	0.020	-1.579	1.870	0.287
162PDT250-15	2.50	0.0158	0.015	50ksi	0.105	0.356	0.061	0.072	0.766	0.071	0.824	0.020	0.027	0.015	455	0.00871	0.038	-2.058	2.345	0.230
162PDT300-15	3.00	0.0158	0.015	50ksi	0.120	0.410	0.073	0.086	0.776	0.116	0.981	0.020	0.027	0.016	465	0.01002	0.063	-2.542	2.834	0.195
250PDT125-15	1.25	0.0158	0.015	50ksi	0.079	0.269	0.085	0.066	1.038	0.013	0.400	0.020	0.059	0.024	724	0.00657	0.015	-0.771	1.353	0.675
250PDT150-15	1.50	0.0158	0.015	50ksi	0.087	0.296	0.098	0.076	1.062	0.021	0.489	0.020	0.061	0.024	723	0.00723	0.024	-0.985	1.529	0.585
250PDT200-15	2.00	0.0158	0.015	50ksi	0.103	0.349	0.124	0.096	1.098	0.045	0.662	0.021	0.064	0.024	720	0.00854	0.052	-1.431	1.921	0.445
250PDT250-15	2.50	0.0158	0.015	50ksi	0.118	0.403	0.150	0.116	1.123	0.082	0.831	0.021	0.066	0.024	725	0.00986	0.096	-1.892	2.352	0.353
250PDT300-15	3.00	0.0158	0.015	50ksi	0.134	0.457	0.175	0.136	1.143	0.133	0.996	0.021	0.067	0.025	748	0.01117	0.158	-2.363	2.807	0.291
362PDT125-15	1.25	0.0158	0.015	50ksi	0.097	0.329	0.196	0.106	1.425	0.014	0.381	0.021	0.125	0.035	1059	0.00805	0.034	-0.668	1.619	0.830
362PDT150-15	1.50	0.0158	0.015	50ksi	0.105	0.356	0.223	0.121	1.460	0.023	0.470	0.021	0.129	0.035	1061	0.00871	0.056	-0.865	1.761	0.759
362PDT200-15	2.00	0.0158	0.015	50ksi	0.120	0.410	0.277	0.150	1.516	0.051	0.648	0.021	0.137	0.036	1063	0.01002	0.120	-1.282	2.088	0.623
362PDT250-15	2.50	0.0158	0.015	50ksi	0.136	0.464	0.330	0.179	1.557	0.092	0.823	0.021	0.142	0.036	1073	0.01134	0.220	-1.720	2.462	0.512
362PDT300-15	3.00	0.0158	0.015	50ksi	0.152	0.517	0.384	0.208	1.589	0.151	0.995	0.021	0.145	0.036	1090	0.01265	0.361	-2.172	2.869	0.427
400PDT125-15 ₁	1.25	0.0158	0.015	50ksi	0.103	0.349	0.247	0.121	1.550	0.014	0.374	0.021	0.153	0.039	1171	0.00854	0.043	-0.640	1.718	0.861
400PDT150-15 ₁	1.50	0.0158	0.015	50ksi	0.111	0.376	0.279	0.137	1.589	0.024	0.464	0.021	0.158	0.039	1175	0.00920	0.070	-0.832	1.852	0.798
400PDT200-15 ₁	2.00	0.0158	0.015	50ksi	0.126	0.430	0.344	0.169	1.650	0.052	0.642	0.021	0.168	0.039	1178	0.01052	0.151	-1.240	2.162	0.671
400PDT250-15 ₁	2.50	0.0158	0.015	50ksi	0.142	0.484	0.409	0.201	1.696	0.095	0.819	0.021	0.174	0.040	1189	0.01183	0.275	-1.670	2.517	0.560
400PDT300-15 ₁	3.00	0.0158	0.015	50ksi	0.158	0.538	0.474	0.233	1.732	0.155	0.992	0.021	0.178	0.040	1204	0.01315	0.450	-2.116	2.909	0.471
600PDT125-15 ₂	1.25	0.0158	0.015	50ksi	0.134	0.457	0.646	0.213	2.194	0.016	0.343	0.021	0.350	0.059	1762	0.01117	0.108	-0.524	2.282	0.947
600PDT150-15 ₂	1.50	0.0158	0.015	50ksi	0.142	0.484	0.719	0.237	2.249	0.026	0.430	0.021	0.363	0.059	1774	0.01183	0.177	-0.692	2.392	0.916
600PDT200-15 ₂	2.00	0.0158	0.015	50ksi	0.158	0.538	0.864	0.285	2.338	0.058	0.608	0.021	0.389	0.060	1789	0.01315	0.383	-1.058	2.638	0.839
600PDT250-15 ₂	2.50	0.0158	0.015	50ksi	0.174	0.591	1.009	0.332	2.409	0.108	0.787	0.021	0.404	0.060	1809	0.01446	0.697	-1.452	2.921	0.753
600PDT300-15 ₂	3.00	0.0158	0.015	50ksi	0.190	0.645	1.153	0.380	2.467	0.177	0.965	0.021	0.412	0.061	1818	0.01578	1.136	-1.865	3.239	0.669

Notes:

- Section properties were determined in accordance with AISI-NASPEC 2001 w/ 2004 Supplement.
 - Calculated effective moment of inertia (Ixe) is based on serviceability determination.
 - Effective properties and moment capacity did not incorporate stress increase as a result of cold work of forming.
 - Allow bending moment is based on a fully braced section about its major axis.
 - Effective Properties are conservatively based upon the basic C-Section, improved values are possible by applying the AISI Direct Strength Method.
1. Web-depth to thickness ratio exceeds 200. Web stiffeners are required at all bearing locations.
 2. Web-depth to thickness ratio exceeds 260. Web stiffeners are required at all bearing and intermediate locations.

ProSTUD™ 22 Drywall Stud

ClarkWestern ProSTUD 22 (18mil) physical and structural properties

Member designation	Design thickness (inches)	Min. delivered thickness (inches)	Yield strength	Gross section properties							Effective section properties at Fy				Torsional section properties					Unbraced length Lu (inches o.c.)
				Area (in ²)	Weight (lbs/ft)	Ix (in ⁴)	Sx (in ³)	Rx (in)	Iy (in ⁴)	Ry (in)	Ae (in ²)	Ixe (in ⁴)	Sxe (in ³)	Allowable Moment (in-lbs)	J* 1000 (in ⁴)	Cw (in ⁶)	Xo (in)	Ro (in)	B Beta	
162PDS125-18	0.0188	0.018	70ksi	0.084	0.286	0.040	0.049	0.687	0.018	0.464	0.036	0.033	0.027	1140	0.00989	0.011	-1.085	1.365	0.369	20.9
250PDS125-18	0.0188	0.018	70ksi	0.100	0.342	0.104	0.083	1.018	0.021	0.457	0.037	0.092	0.049	2059	0.01183	0.027	-0.955	1.469	0.577	20.7
362PDS125-18	0.0188	0.018	70ksi	0.122	0.414	0.244	0.135	1.418	0.024	0.441	0.037	0.194	0.065	2723	0.01432	0.061	-0.833	1.703	0.761	20.5
400PDS125-18	0.0188	0.018	70ksi	0.129	0.438	0.308	0.154	1.547	0.024	0.434	0.037	0.241	0.072	3028	0.01515	0.076	-0.800	1.795	0.801	20.4
600PDS125-18	0.0188	0.018	70ksi	0.166	0.566	0.810	0.270	2.207	0.027	0.402	0.037	0.609	0.118	4946	0.01958	0.190	-0.663	2.340	0.920	19.9

ProTRAK™ 22 Drywall Track

ClarkWestern ProTRAK 22 (18mil) physical and structural properties

Member designation	Leg (in)	Design thickness (inches)	Min. delivered thickness (inches)	Yield strength	Gross section properties							Effective section properties at Fy				Torsional section properties				
					Area (in ²)	Weight (lbs/ft)	Ix (in ⁴)	Sx (in ³)	Rx (in)	Iy (in ⁴)	Ry (in)	Ae (in ²)	Ixe (in ⁴)	Sxe (in ³)	Allowable Moment (in-lbs)	J* 1000 (in ⁴)	Cw (in ⁶)	Xo (in)	Ro (in)	B Beta
162PDT125-18	1.25	0.0188	0.018	50ksi	0.078	0.264	0.040	0.047	0.718	0.013	0.411	0.027	0.026	0.022	649	0.00913	0.007	-0.879	1.208	0.470
162PDT150-18	1.50	0.0188	0.018	50ksi	0.087	0.296	0.047	0.055	0.733	0.021	0.496	0.028	0.028	0.021	640	0.01024	0.011	-1.108	1.418	0.389
162PDT200-18	2.00	0.0188	0.018	50ksi	0.106	0.360	0.060	0.070	0.753	0.046	0.662	0.028	0.032	0.021	629	0.01245	0.024	-1.577	1.869	0.288
162PDT250-18	2.50	0.0188	0.018	50ksi	0.125	0.424	0.073	0.086	0.767	0.084	0.823	0.028	0.034	0.021	623	0.01467	0.045	-2.056	2.344	0.231
162PDT300-18	3.00	0.0188	0.018	50ksi	0.143	0.488	0.087	0.102	0.777	0.138	0.981	0.028	0.036	0.021	635	0.01688	0.075	-2.540	2.832	0.195
250PDT125-18	1.25	0.0188	0.018	50ksi	0.094	0.320	0.101	0.079	1.038	0.015	0.400	0.028	0.072	0.034	1008	0.01107	0.017	-0.770	1.353	0.676
250PDT150-18	1.50	0.0188	0.018	50ksi	0.103	0.352	0.117	0.091	1.063	0.025	0.488	0.028	0.078	0.034	1003	0.01218	0.028	-0.984	1.528	0.586
250PDT200-18	2.00	0.0188	0.018	50ksi	0.122	0.416	0.147	0.114	1.099	0.053	0.661	0.028	0.086	0.033	996	0.01439	0.062	-1.430	1.920	0.446
250PDT250-18	2.50	0.0188	0.018	50ksi	0.141	0.480	0.178	0.138	1.124	0.097	0.830	0.028	0.089	0.033	991	0.01661	0.114	-1.891	2.351	0.353
250PDT300-18	3.00	0.0188	0.018	50ksi	0.160	0.544	0.209	0.162	1.144	0.158	0.995	0.028	0.092	0.033	996	0.01882	0.189	-2.361	2.806	0.292
362PDT125-18	1.25	0.0188	0.018	50ksi	0.115	0.392	0.234	0.126	1.426	0.017	0.380	0.029	0.170	0.049	1467	0.01356	0.040	-0.666	1.619	0.831
362PDT150-18	1.50	0.0188	0.018	50ksi	0.125	0.424	0.266	0.144	1.461	0.027	0.470	0.029	0.175	0.049	1469	0.01467	0.066	-0.863	1.761	0.760
362PDT200-18	2.00	0.0188	0.018	50ksi	0.143	0.488	0.330	0.178	1.517	0.060	0.648	0.029	0.184	0.049	1470	0.01688	0.143	-1.281	2.088	0.624
362PDT250-18	2.50	0.0188	0.018	50ksi	0.162	0.552	0.393	0.212	1.558	0.110	0.823	0.029	0.192	0.049	1469	0.01910	0.262	-1.718	2.461	0.512
362PDT300-18	3.00	0.0188	0.018	50ksi	0.181	0.616	0.457	0.247	1.590	0.179	0.994	0.029	0.197	0.050	1481	0.02131	0.430	-2.170	2.868	0.427
400PDT125-18	1.25	0.0188	0.018	50ksi	0.122	0.416	0.294	0.144	1.550	0.017	0.374	0.029	0.207	0.054	1621	0.01439	0.051	-0.638	1.718	0.862
400PDT150-18	1.50	0.0188	0.018	50ksi	0.132	0.448	0.332	0.163	1.589	0.028	0.463	0.029	0.214	0.054	1625	0.01550	0.083	-0.830	1.852	0.799
400PDT200-18	2.00	0.0188	0.018	50ksi	0.150	0.512	0.410	0.201	1.651	0.062	0.642	0.029	0.225	0.054	1629	0.01771	0.179	-1.238	2.161	0.672
400PDT250-18	2.50	0.0188	0.018	50ksi	0.169	0.576	0.487	0.239	1.697	0.113	0.818	0.029	0.235	0.054	1629	0.01993	0.327	-1.669	2.517	0.560
400PDT300-18	3.00	0.0188	0.018	50ksi	0.188	0.640	0.565	0.277	1.733	0.185	0.991	0.029	0.242	0.055	1642	0.02214	0.536	-2.114	2.908	0.471
600PDT125-18 ₂	1.25	0.0188	0.018	50ksi	0.160	0.544	0.769	0.253	2.195	0.019	0.342	0.029	0.461	0.081	2425	0.01882	0.129	-0.523	2.282	0.947
600PDT150-18 ₂	1.50	0.0188	0.018	50ksi	0.169	0.576	0.856	0.282	2.249	0.031	0.429	0.029	0.481	0.082	2445	0.01993	0.211	-0.691	2.392	0.916
600PDT200-18 ₂	2.00	0.0188	0.018	50ksi	0.188	0.640	1.028	0.338	2.339	0.069	0.607	0.029	0.522	0.083	2475	0.02214	0.456	-1.057	2.637	0.839
600PDT250-18 ₂	2.50	0.0188	0.018	50ksi	0.207	0.704	1.201	0.395	2.410	0.128	0.786	0.029	0.545	0.083	2483	0.02436	0.829	-1.450	2.920	0.753
600PDT300-18 ₂	3.00	0.0188	0.018	50ksi	0.226	0.768	1.373	0.452	2.468	0.210	0.965	0.029	0.561	0.084	2507	0.02657	1.352	-1.863	3.239	0.669

Notes:

- Section properties were determined in accordance with AISI-NASPEC 2001 w/ 2004 Supplement.
 - Calculated effective moment of inertia (Ixe) is based on serviceability determination.
 - Effective properties and moment capacity did not incorporate stress increase as a result of cold work of forming.
 - Allow bending moment is based on a fully braced section about its major axis.
 - Effective Properties are conservatively based upon the basic C-Section, improved values are possible by applying the AISI Direct Strength Method.
1. Web-depth to thickness ratio exceeds 200. Web stiffeners are required at all bearing locations.
 2. Web-depth to thickness ratio exceeds 260. Web stiffeners are required at all bearing and intermediate locations.

ProSTUD™ 20 Drywall Stud

ClarkWestern ProSTUD 20 (22mil) physical and structural properties

Member designation	Design thickness (inches)	Min. delivered thickness (inches)	Yield strength	Gross section properties							Effective section properties at Fy				Torsional section properties					Unbraced length Lu (inches o.c.)
				Area (in ²)	Weight (lbs/ft)	Ix (in ⁴)	Sx (in ³)	Rx (in)	Iy (in ⁴)	Ry (in)	Ae (in ²)	Ixe (in ⁴)	Sxe (in ³)	Allowable Moment (in-lbs)	J* 1000 (in ⁴)	Cw (in ⁶)	Xo (in)	Ro (in)	B Beta	
162PDS125-22	0.0232	0.022	65ksi	0.103	0.351	0.048	0.059	0.685	0.022	0.462	0.051	0.042	0.037	1444	0.01850	0.013	-1.079	1.359	0.369	21.7
250PDS125-22	0.0232	0.022	65ksi	0.123	0.420	0.127	0.102	1.016	0.026	0.455	0.052	0.114	0.071	2765	0.02214	0.033	-0.950	1.464	0.579	21.4
362PDS125-22	0.0232	0.022	65ksi	0.150	0.509	0.300	0.166	1.417	0.029	0.438	0.052	0.252	0.091	3526	0.02684	0.074	-0.828	1.699	0.762	21.2
400PDS125-22	0.0232	0.022	65ksi	0.158	0.538	0.377	0.189	1.544	0.030	0.432	0.052	0.313	0.101	3924	0.02838	0.092	-0.795	1.790	0.803	21.1
600PDS125-22	0.0232	0.022	65ksi	0.205	0.696	0.994	0.331	2.204	0.033	0.400	0.053	0.802	0.167	6495	0.03671	0.231	-0.658	2.335	0.921	20.6

ProTRAK™ 20 Drywall Track

ClarkWestern ProTRAK 20 (22mil) physical and structural properties

Member designation	Leg (in)	Design thickness (inches)	Min. delivered thickness (inches)	Yield strength	Gross section properties							Effective section properties at Fy				Torsional section properties				
					Area (in ²)	Weight (lbs/ft)	Ix (in ⁴)	Sx (in ³)	Rx (in)	Iy (in ⁴)	Ry (in)	Ae (in ²)	Ixe (in ⁴)	Sxe (in ³)	Allowable Moment (in-lbs)	J* 1000 (in ⁴)	Cw (in ⁶)	Xo (in)	Ro (in)	B Beta
162PDT125-22	1.25	0.0232	0.022	50ksi	0.096	0.325	0.050	0.058	0.720	0.016	0.411	0.040	0.034	0.029	877	0.01715	0.008	-0.877	1.206	0.472
162PDT150-22	1.50	0.0232	0.022	50ksi	0.107	0.365	0.058	0.068	0.734	0.026	0.496	0.040	0.037	0.030	902	0.01923	0.013	-1.105	1.417	0.391
162PDT200-22	2.00	0.0232	0.022	50ksi	0.130	0.444	0.074	0.087	0.755	0.057	0.661	0.041	0.041	0.031	935	0.02340	0.030	-1.574	1.867	0.289
162PDT250-22	2.50	0.0232	0.022	50ksi	0.154	0.523	0.091	0.106	0.769	0.104	0.823	0.041	0.045	0.031	921	0.02756	0.055	-2.053	2.342	0.231
162PDT300-22	3.00	0.0232	0.022	50ksi	0.177	0.602	0.107	0.125	0.779	0.170	0.980	0.041	0.048	0.030	912	0.03172	0.093	-2.538	2.830	0.196
250PDT125-22	1.25	0.0232	0.022	50ksi	0.116	0.394	0.125	0.097	1.040	0.018	0.399	0.041	0.092	0.051	1525	0.02079	0.021	-0.767	1.352	0.678
250PDT150-22	1.50	0.0232	0.022	50ksi	0.128	0.434	0.144	0.112	1.064	0.030	0.487	0.042	0.100	0.050	1508	0.02288	0.035	-0.981	1.527	0.587
250PDT200-22	2.00	0.0232	0.022	50ksi	0.151	0.513	0.182	0.141	1.100	0.066	0.660	0.042	0.112	0.050	1485	0.02704	0.076	-1.427	1.919	0.447
250PDT250-22	2.50	0.0232	0.022	50ksi	0.174	0.592	0.221	0.171	1.126	0.120	0.829	0.042	0.122	0.049	1472	0.03120	0.141	-1.888	2.350	0.354
250PDT300-22	3.00	0.0232	0.022	50ksi	0.197	0.671	0.259	0.200	1.145	0.195	0.994	0.042	0.131	0.049	1462	0.03536	0.233	-2.359	2.804	0.293
362PDT125-22	1.25	0.0232	0.022	50ksi	0.142	0.483	0.290	0.156	1.428	0.020	0.379	0.042	0.228	0.073	2197	0.02549	0.050	-0.664	1.620	0.832
362PDT150-22	1.50	0.0232	0.022	50ksi	0.154	0.523	0.329	0.177	1.463	0.034	0.469	0.042	0.244	0.073	2195	0.02757	0.082	-0.861	1.761	0.761
362PDT200-22	2.00	0.0232	0.022	50ksi	0.177	0.602	0.408	0.220	1.519	0.074	0.647	0.043	0.268	0.073	2189	0.03173	0.177	-1.278	2.088	0.625
362PDT250-22	2.50	0.0232	0.022	50ksi	0.200	0.681	0.487	0.262	1.560	0.135	0.822	0.043	0.277	0.073	2183	0.03590	0.324	-1.716	2.460	0.514
362PDT300-22	3.00	0.0232	0.022	50ksi	0.223	0.760	0.566	0.305	1.592	0.220	0.994	0.043	0.286	0.073	2177	0.04006	0.532	-2.167	2.867	0.429
400PDT125-22	1.25	0.0232	0.022	50ksi	0.151	0.513	0.363	0.178	1.551	0.021	0.373	0.042	0.290	0.081	2419	0.02704	0.062	-0.636	1.718	0.863
400PDT150-22	1.50	0.0232	0.022	50ksi	0.162	0.552	0.411	0.201	1.590	0.035	0.462	0.043	0.311	0.081	2422	0.02912	0.102	-0.828	1.852	0.800
400PDT200-22	2.00	0.0232	0.022	50ksi	0.186	0.631	0.506	0.248	1.652	0.076	0.641	0.043	0.326	0.081	2421	0.03328	0.221	-1.236	2.161	0.673
400PDT250-22	2.50	0.0232	0.022	50ksi	0.209	0.710	0.602	0.295	1.698	0.139	0.817	0.043	0.338	0.081	2418	0.03744	0.404	-1.666	2.516	0.561
400PDT300-22	3.00	0.0232	0.022	50ksi	0.232	0.789	0.698	0.342	1.735	0.228	0.991	0.043	0.349	0.081	2414	0.04161	0.662	-2.112	2.907	0.472
600PDT125-22 ₁	1.25	0.0232	0.022	50ksi	0.197	0.671	0.950	0.312	2.195	0.023	0.341	0.043	0.638	0.119	3568	0.03536	0.158	-0.522	2.282	0.948
600PDT150-22 ₁	1.50	0.0232	0.022	50ksi	0.209	0.710	1.056	0.347	2.250	0.038	0.429	0.043	0.668	0.120	3604	0.03744	0.259	-0.690	2.392	0.917
600PDT200-22 ₁	2.00	0.0232	0.022	50ksi	0.232	0.789	1.270	0.417	2.340	0.085	0.606	0.043	0.746	0.123	3675	0.04161	0.562	-1.055	2.637	0.840
600PDT250-22 ₁	2.50	0.0232	0.022	50ksi	0.255	0.868	1.483	0.487	2.411	0.157	0.785	0.043	0.779	0.123	3687	0.04577	1.022	-1.448	2.920	0.754
600PDT300-22 ₁	3.00	0.0232	0.022	50ksi	0.278	0.947	1.696	0.557	2.469	0.258	0.964	0.044	0.807	0.123	3691	0.04993	1.667	-1.861	3.238	0.670

Notes:

- Section properties were determined in accordance with AISI-NASPEC 2001 w/ 2004 Supplement.
 - Calculated effective moment of inertia (Ixe) is based on serviceability determination.
 - Effective properties and moment capacity did not incorporate stress increase as a result of cold work of forming.
 - Allow bending moment is based on a fully braced section about its major axis.
 - Effective Properties are conservatively based upon the basic C-Section, improved values are possible by applying the AISI Direct Strength Method.
1. Web-depth to thickness ratio exceeds 200. Web stiffeners are required at all bearing locations.
 2. Web-depth to thickness ratio exceeds 260. Web stiffeners are required at all bearing and intermediate locations.

ProSTUD™ 20HD Heavy Duty Drywall Stud

ClarkWestern ProSTUD 20HD (26mil) (33mil Equivalent) physical and structural properties

Member designation	Design thickness (inches)	Min. delivered thickness (inches)	Yield strength	Gross section properties							Effective section properties at Fy				Torsional section properties					Unbraced length Lu (inches o.c.)
				Area (in ²)	Weight (lbs/ft)	Ix (in ⁴)	Sx (in ³)	Rx (in)	Iy (in ⁴)	Ry (in)	Ae (in ²)	Ixe (in ⁴)	Sxe (in ³)	Allowable Moment (in-lbs)	J* 1000 (in ⁴)	Cw (in ⁶)	Xo (in)	Ro (in)	B Beta	
162PDS125-26	0.0274	0.026	65ksi	0.121	0.412	0.056	0.070	0.683	0.026	0.460	0.065	0.051	0.046	1807	0.03033	0.015	-1.074	1.353	0.370	21.7
250PDS125-26	0.0274	0.026	65ksi	0.145	0.494	0.149	0.119	1.014	0.030	0.453	0.067	0.136	0.089	3465	0.03633	0.038	-0.945	1.458	0.580	21.4
362PDS125-26	0.0274	0.026	65ksi	0.176	0.599	0.352	0.194	1.413	0.033	0.436	0.067	0.305	0.115	4489	0.04404	0.086	-0.824	1.693	0.763	21.1
400PDS125-26	0.0274	0.026	65ksi	0.186	0.634	0.443	0.221	1.542	0.034	0.430	0.068	0.381	0.129	5008	0.04661	0.107	-0.791	1.785	0.804	21.1
600PDS125-26	0.0274	0.026	65ksi	0.241	0.820	1.168	0.389	2.201	0.038	0.398	0.068	0.985	0.215	8375	0.06033	0.269	-0.654	2.331	0.921	20.5

ProTRAK™ 20HD Heavy Duty Drywall Track

ClarkWestern ProTRAK 20HD (26mil) (33mil Equivalent) physical and structural properties

Member designation	Leg (in)	Design thickness (inches)	Min. delivered thickness (inches)	Yield strength	Gross section properties							Effective section properties at Fy				Torsional section properties				
					Area (in ²)	Weight (lbs/ft)	Ix (in ⁴)	Sx (in ³)	Rx (in)	Iy (in ⁴)	Ry (in)	Ae (in ²)	Ixe (in ⁴)	Sxe (in ³)	Allowable Moment (in-lbs)	J* 1000 (in ⁴)	Cw (in ⁶)	Xo (in)	Ro (in)	B Beta
162PDT125-26	1.25	0.0274	0.026	50ksi	0.113	0.384	0.059	0.068	0.721	0.019	0.410	0.054	0.043	0.037	1103	0.02824	0.010	-0.874	1.205	0.474
162PDT150-26	1.50	0.0274	0.026	50ksi	0.127	0.431	0.068	0.080	0.736	0.031	0.495	0.054	0.046	0.038	1136	0.03167	0.016	-1.103	1.415	0.393
162PDT200-26	2.00	0.0274	0.026	50ksi	0.154	0.524	0.088	0.102	0.756	0.067	0.661	0.055	0.052	0.040	1183	0.03853	0.035	-1.572	1.865	0.290
162PDT250-26	2.50	0.0274	0.026	50ksi	0.181	0.617	0.108	0.125	0.771	0.123	0.822	0.055	0.056	0.041	1215	0.04539	0.066	-2.050	2.340	0.232
162PDT300-26	3.00	0.0274	0.026	50ksi	0.209	0.710	0.127	0.148	0.781	0.200	0.980	0.055	0.059	0.041	1239	0.05224	0.110	-2.535	2.828	0.196
250PDT125-26	1.25	0.0274	0.026	50ksi	0.137	0.466	0.148	0.114	1.041	0.022	0.398	0.056	0.113	0.068	2042	0.03424	0.025	-0.765	1.352	0.679
250PDT150-26	1.50	0.0274	0.026	50ksi	0.151	0.512	0.171	0.132	1.065	0.036	0.486	0.057	0.121	0.070	2104	0.03767	0.041	-0.979	1.526	0.588
250PDT200-26	2.00	0.0274	0.026	50ksi	0.178	0.605	0.216	0.166	1.102	0.077	0.660	0.057	0.137	0.069	2053	0.04453	0.090	-1.425	1.918	0.448
250PDT250-26	2.50	0.0274	0.026	50ksi	0.205	0.699	0.261	0.201	1.128	0.141	0.829	0.057	0.150	0.068	2022	0.05139	0.167	-1.886	2.348	0.355
250PDT300-26	3.00	0.0274	0.026	50ksi	0.233	0.792	0.306	0.236	1.147	0.230	0.994	0.057	0.160	0.067	2003	0.05824	0.276	-2.356	2.803	0.293
362PDT125-26	1.25	0.0274	0.026	50ksi	0.168	0.571	0.342	0.184	1.427	0.024	0.379	0.058	0.275	0.102	3052	0.04196	0.059	-0.663	1.619	0.832
362PDT150-26	1.50	0.0274	0.026	50ksi	0.181	0.617	0.388	0.209	1.463	0.040	0.468	0.058	0.295	0.101	3036	0.04539	0.096	-0.859	1.760	0.762
362PDT200-26	2.00	0.0274	0.026	50ksi	0.209	0.710	0.482	0.259	1.519	0.087	0.646	0.058	0.331	0.101	3011	0.05224	0.209	-1.276	2.086	0.626
362PDT250-26	2.50	0.0274	0.026	50ksi	0.236	0.804	0.575	0.309	1.561	0.159	0.821	0.058	0.361	0.100	2993	0.05910	0.382	-1.714	2.459	0.514
362PDT300-26	3.00	0.0274	0.026	50ksi	0.264	0.897	0.668	0.359	1.593	0.260	0.993	0.059	0.382	0.100	2979	0.06596	0.627	-2.165	2.865	0.429
400PDT125-26	1.25	0.0274	0.026	50ksi	0.178	0.605	0.429	0.209	1.552	0.025	0.372	0.058	0.350	0.112	3352	0.04453	0.074	-0.635	1.718	0.863
400PDT150-26	1.50	0.0274	0.026	50ksi	0.192	0.652	0.485	0.237	1.591	0.041	0.462	0.058	0.375	0.112	3345	0.04796	0.120	-0.826	1.852	0.801
400PDT200-26	2.00	0.0274	0.026	50ksi	0.219	0.745	0.599	0.292	1.653	0.090	0.640	0.059	0.420	0.111	3330	0.05481	0.261	-1.234	2.160	0.674
400PDT250-26	2.50	0.0274	0.026	50ksi	0.246	0.839	0.712	0.348	1.700	0.164	0.817	0.059	0.455	0.111	3317	0.06167	0.477	-1.664	2.515	0.562
400PDT300-26	3.00	0.0274	0.026	50ksi	0.274	0.932	0.825	0.403	1.736	0.268	0.990	0.059	0.467	0.110	3306	0.06853	0.782	-2.109	2.906	0.473
600PDT125-26	1.25	0.0274	0.026	50ksi	0.233	0.792	1.122	0.368	2.196	0.027	0.340	0.059	0.819	0.161	4833	0.05824	0.187	-0.520	2.282	0.948
600PDT150-26	1.50	0.0274	0.026	50ksi	0.246	0.839	1.248	0.410	2.251	0.045	0.428	0.059	0.860	0.163	4891	0.06167	0.306	-0.688	2.392	0.917
600PDT200-26	2.00	0.0274	0.026	50ksi	0.274	0.932	1.500	0.492	2.341	0.100	0.606	0.059	0.996	0.168	5038	0.06853	0.663	-1.053	2.637	0.841
600PDT250-26	2.50	0.0274	0.026	50ksi	0.301	1.025	1.753	0.575	2.412	0.185	0.785	0.060	1.038	0.169	5051	0.07538	1.206	-1.446	2.920	0.755
600PDT300-26	3.00	0.0274	0.026	50ksi	0.329	1.118	2.005	0.658	2.470	0.305	0.963	0.060	1.073	0.169	5056	0.08224	1.969	-1.859	3.238	0.670

Notes:

- Section properties were determined in accordance with AISI-NASPEC 2001 w/ 2004 Supplement.
 - Calculated effective moment of inertia (Ixe) is based on serviceability determination.
 - Effective properties and moment capacity did not incorporate stress increase as a result of cold work of forming.
 - Allow bending moment is based on a fully braced section about its major axis.
 - Effective Properties are conservatively based upon the basic C-Section, improved values are possible by applying the AISI Direct Strength Method.
1. Web-depth to thickness ratio exceeds 200. Web stiffeners are required at all bearing locations.
 2. Web-depth to thickness ratio exceeds 260. Web stiffeners are required at all bearing and intermediate locations.

ProSTUD™ 30MIL Drywall Stud

ClarkWestern ProSTUD 30MIL physical and structural properties

Member designation	Design thickness (inches)	Min. delivered thickness (inches)	Yield strength	Gross section properties							Effective section properties at Fy				Torsional section properties					Unbraced length Lu (inches o.c.)
				Area (in ²)	Weight (lbs/ft)	Ix (in ⁴)	Sx (in ³)	Rx (in)	Iy (in ⁴)	Ry (in)	Ae (in ²)	Ixe (in ⁴)	Sxe (in ³)	Allowable Moment (in-lbs)	J* 1000 (in ⁴)	Cw (in ⁶)	Xo (in)	Ro (in)	B Beta	
162PDS125-30	0.0312	0.030	33ksi	0.137	0.468	0.064	0.078	0.681	0.029	0.458	0.098	0.063	0.067	1332	0.04459	0.017	-1.070	1.348	0.371	30.8
250PDS125-30	0.0312	0.030	33ksi	0.165	0.561	0.169	0.135	1.012	0.034	0.451	0.106	0.168	0.121	2383	0.05345	0.042	-0.941	1.454	0.581	30.1
362PDS125-30	0.0312	0.030	33ksi	0.200	0.680	0.398	0.220	1.411	0.038	0.434	0.107	0.385	0.176	3488	0.06484	0.096	-0.820	1.689	0.764	29.7
400PDS125-30	0.0312	0.030	33ksi	0.212	0.720	0.501	0.251	1.540	0.039	0.428	0.108	0.485	0.198	3910	0.06864	0.120	-0.787	1.781	0.805	29.5
600PDS125-30	0.0312	0.030	33ksi	0.274	0.932	1.324	0.441	2.199	0.043	0.396	0.109	1.281	0.338	6671	0.08888	0.303	-0.651	2.327	0.922	28.7

ProTRAK™ 30MIL Drywall Track

ClarkWestern ProTRAK 30MIL physical and structural properties

Member designation	Leg (in)	Design thickness (inches)	Min. delivered thickness (inches)	Yield strength	Gross section properties							Effective section properties at Fy				Torsional section properties				
					Area (in ²)	Weight (lbs/ft)	Ix (in ⁴)	Sx (in ³)	Rx (in)	Iy (in ⁴)	Ry (in)	Ae (in ²)	Ixe (in ⁴)	Sxe (in ³)	Allowable Moment (in-lbs)	J* 1000 (in ⁴)	Cw (in ⁶)	Xo (in)	Ro (in)	B Beta
162PDT125-30	1.25	0.0312	0.030	33ksi	0.128	0.437	0.067	0.078	0.722	0.022	0.409	0.080	0.054	0.048	951	0.04168	0.011	-0.872	1.204	0.475
162PDT150-30	1.50	0.0312	0.030	33ksi	0.144	0.490	0.078	0.091	0.737	0.035	0.494	0.080	0.059	0.050	983	0.04674	0.018	-1.101	1.414	0.394
162PDT200-30	2.00	0.0312	0.030	33ksi	0.175	0.596	0.101	0.117	0.758	0.076	0.660	0.081	0.067	0.052	1028	0.05687	0.040	-1.570	1.864	0.291
162PDT250-30	2.50	0.0312	0.030	33ksi	0.206	0.703	0.123	0.143	0.772	0.139	0.821	0.082	0.073	0.054	1059	0.06699	0.075	-2.048	2.338	0.233
162PDT300-30	3.00	0.0312	0.030	33ksi	0.238	0.809	0.146	0.169	0.783	0.228	0.979	0.082	0.078	0.055	1081	0.07712	0.125	-2.532	2.826	0.197
250PDT125-30	1.25	0.0312	0.030	33ksi	0.156	0.530	0.169	0.130	1.042	0.025	0.397	0.084	0.140	0.087	1713	0.05054	0.029	-0.763	1.351	0.681
250PDT150-30	1.50	0.0312	0.030	33ksi	0.171	0.583	0.195	0.150	1.066	0.040	0.486	0.085	0.151	0.090	1773	0.05560	0.047	-0.977	1.526	0.590
250PDT200-30	2.00	0.0312	0.030	33ksi	0.203	0.689	0.246	0.189	1.103	0.088	0.659	0.086	0.170	0.094	1862	0.06573	0.103	-1.423	1.917	0.449
250PDT250-30	2.50	0.0312	0.030	33ksi	0.234	0.795	0.298	0.229	1.129	0.160	0.828	0.086	0.186	0.097	1926	0.07585	0.190	-1.883	2.347	0.356
250PDT300-30	3.00	0.0312	0.030	33ksi	0.265	0.902	0.350	0.269	1.149	0.261	0.993	0.087	0.199	0.100	1973	0.08597	0.315	-2.354	2.801	0.294
362PDT125-30	1.25	0.0312	0.030	33ksi	0.191	0.649	0.389	0.209	1.428	0.027	0.378	0.087	0.330	0.149	2938	0.06193	0.067	-0.661	1.619	0.833
362PDT150-30	1.50	0.0312	0.030	33ksi	0.206	0.703	0.443	0.237	1.464	0.045	0.468	0.088	0.354	0.154	3042	0.06699	0.109	-0.858	1.760	0.763
362PDT200-30	2.00	0.0312	0.030	33ksi	0.238	0.809	0.549	0.295	1.520	0.099	0.645	0.089	0.397	0.160	3159	0.07712	0.237	-1.274	2.086	0.627
362PDT250-30	2.50	0.0312	0.030	33ksi	0.269	0.915	0.656	0.352	1.562	0.181	0.820	0.089	0.436	0.157	3097	0.08724	0.435	-1.712	2.458	0.515
362PDT300-30	3.00	0.0312	0.030	33ksi	0.300	1.021	0.762	0.409	1.594	0.295	0.992	0.089	0.470	0.155	3056	0.09736	0.714	-2.163	2.864	0.430
400PDT125-30	1.25	0.0312	0.030	33ksi	0.203	0.689	0.489	0.238	1.553	0.028	0.371	0.088	0.417	0.172	3407	0.06573	0.084	-0.633	1.718	0.864
400PDT150-30	1.50	0.0312	0.030	33ksi	0.218	0.742	0.553	0.270	1.592	0.046	0.461	0.088	0.446	0.178	3526	0.07079	0.137	-0.825	1.851	0.802
400PDT200-30	2.00	0.0312	0.030	33ksi	0.249	0.849	0.682	0.333	1.654	0.102	0.639	0.089	0.502	0.176	3480	0.08091	0.297	-1.232	2.160	0.674
400PDT250-30	2.50	0.0312	0.030	33ksi	0.281	0.955	0.812	0.396	1.701	0.187	0.816	0.090	0.551	0.173	3425	0.09104	0.543	-1.662	2.514	0.563
400PDT300-30	3.00	0.0312	0.030	33ksi	0.312	1.061	0.941	0.459	1.737	0.305	0.989	0.090	0.593	0.171	3387	0.10116	0.891	-2.107	2.905	0.474
600PDT125-30	1.25	0.0312	0.030	33ksi	0.265	0.902	1.278	0.419	2.196	0.031	0.340	0.090	1.074	0.240	4737	0.08597	0.212	-0.519	2.282	0.948
600PDT150-30	1.50	0.0312	0.030	33ksi	0.281	0.955	1.422	0.466	2.251	0.051	0.427	0.090	1.136	0.244	4818	0.09104	0.347	-0.686	2.392	0.918
600PDT200-30	2.00	0.0312	0.030	33ksi	0.312	1.061	1.710	0.560	2.342	0.114	0.605	0.091	1.353	0.262	5170	0.10116	0.754	-1.051	2.637	0.841
600PDT250-30	2.50	0.0312	0.030	33ksi	0.343	1.167	1.997	0.655	2.413	0.211	0.784	0.092	1.473	0.261	5162	0.11128	1.373	-1.444	2.919	0.755
600PDT300-30	3.00	0.0312	0.030	33ksi	0.374	1.273	2.285	0.749	2.471	0.346	0.962	0.092	1.580	0.261	5152	0.12141	2.241	-1.857	3.237	0.671

Notes:

- Section properties were determined in accordance with AISI-NASPEC 2001 w/ 2004 Supplement.
 - Calculated effective moment of inertia (Ixe) is based on serviceability determination.
 - Effective properties and moment capacity did not incorporate stress increase as a result of cold work of forming.
 - Allow bending moment is based on a fully braced section about its major axis.
 - Effective Properties are conservatively based upon the basic C-Section, improved values are possible by applying the AISI Direct Strength Method.
1. Web-depth to thickness ratio exceeds 200. Web stiffeners are required at all bearing locations.
 2. Web-depth to thickness ratio exceeds 260. Web stiffeners are required at all bearing and intermediate locations.

ProSTUD™ 33MIL Drywall Stud

ClarkWestern ProSTUD 33MIL physical and structural properties

Member designation	Design thickness (inches)	Min. delivered thickness (inches)	Yield strength	Gross section properties							Effective section properties at Fy				Torsional section properties					Unbraced length Lu (inches o.c.)
				Area (in ²)	Weight (lbs/ft)	Ix (in ⁴)	Sx (in ³)	Rx (in)	Iy (in ⁴)	Ry (in)	Ae (in ²)	Ixe (in ⁴)	Sxe (in ³)	Allowable Moment (in-lbs)	J* 1000 (in ⁴)	Cw (in ⁶)	Xo (in)	Ro (in)	B Beta	
162PDS125-33	0.0346	0.033	33ksi	0.152	0.517	0.070	0.086	0.679	0.032	0.456	0.114	0.069	0.078	1541	0.06059	0.019	-1.065	1.344	0.371	30.8
250PDS125-33	0.0346	0.033	33ksi	0.182	0.620	0.186	0.149	1.010	0.037	0.449	0.125	0.186	0.138	2735	0.07267	0.046	-0.937	1.449	0.582	30.1
362PDS125-33	0.0346	0.033	33ksi	0.221	0.752	0.439	0.242	1.409	0.041	0.433	0.127	0.426	0.207	4088	0.08820	0.106	-0.816	1.685	0.766	29.6
400PDS125-33	0.0346	0.033	33ksi	0.234	0.796	0.553	0.277	1.538	0.043	0.426	0.128	0.537	0.232	4590	0.09338	0.132	-0.783	1.777	0.806	29.5
600PDS125-33	0.0346	0.033	33ksi	0.303	1.032	1.463	0.488	2.196	0.047	0.394	0.130	1.428	0.399	7875	0.12100	0.332	-0.647	2.323	0.922	28.6

ProTRAK™ 33MIL Drywall Track

ClarkWestern ProTRAK 33MIL physical and structural properties

Member designation	Leg (in)	Design thickness (inches)	Min. delivered thickness (inches)	Yield strength	Gross section properties							Effective section properties at Fy				Torsional section properties				
					Area (in ²)	Weight (lbs/ft)	Ix (in ⁴)	Sx (in ³)	Rx (in)	Iy (in ⁴)	Ry (in)	Ae (in ²)	Ixe (in ⁴)	Sxe (in ³)	Allowable Moment (in-lbs)	J* 1000 (in ⁴)	Cw (in ⁶)	Xo (in)	Ro (in)	B Beta
162PDT125-33	1.25	0.0346	0.033	33ksi	0.142	0.485	0.075	0.086	0.723	0.024	0.409	0.095	0.063	0.056	1104	0.05683	0.012	-0.870	1.203	0.477
162PDT150-33	1.50	0.0346	0.033	33ksi	0.160	0.543	0.087	0.100	0.738	0.039	0.494	0.096	0.068	0.058	1143	0.06373	0.020	-1.099	1.413	0.395
162PDT200-33	2.00	0.0346	0.033	33ksi	0.194	0.661	0.112	0.129	0.759	0.085	0.660	0.097	0.077	0.061	1198	0.07754	0.045	-1.568	1.862	0.292
162PDT250-33	2.50	0.0346	0.033	33ksi	0.229	0.779	0.137	0.158	0.774	0.154	0.821	0.098	0.085	0.063	1235	0.09135	0.083	-2.046	2.336	0.233
162PDT300-33	3.00	0.0346	0.033	33ksi	0.264	0.897	0.162	0.187	0.784	0.252	0.979	0.098	0.091	0.064	1262	0.10515	0.139	-2.530	2.824	0.197
250PDT125-33	1.25	0.0346	0.033	33ksi	0.173	0.588	0.188	0.144	1.043	0.027	0.397	0.102	0.160	0.100	1972	0.06891	0.032	-0.762	1.351	0.682
250PDT150-33	1.50	0.0346	0.033	33ksi	0.190	0.646	0.216	0.166	1.067	0.045	0.485	0.102	0.173	0.103	2044	0.07581	0.052	-0.975	1.525	0.591
250PDT200-33	2.00	0.0346	0.033	33ksi	0.225	0.764	0.274	0.210	1.104	0.097	0.658	0.104	0.196	0.109	2150	0.08962	0.114	-1.421	1.916	0.450
250PDT250-33	2.50	0.0346	0.033	33ksi	0.259	0.882	0.331	0.254	1.130	0.177	0.827	0.104	0.214	0.113	2225	0.10343	0.211	-1.881	2.346	0.357
250PDT300-33	3.00	0.0346	0.033	33ksi	0.294	1.000	0.388	0.298	1.150	0.289	0.993	0.105	0.229	0.115	2282	0.11723	0.349	-2.352	2.800	0.294
362PDT125-33	1.25	0.0346	0.033	33ksi	0.212	0.720	0.432	0.231	1.429	0.030	0.377	0.105	0.375	0.170	3358	0.08444	0.074	-0.659	1.618	0.834
362PDT150-33	1.50	0.0346	0.033	33ksi	0.229	0.779	0.491	0.263	1.465	0.050	0.467	0.106	0.403	0.176	3481	0.09135	0.121	-0.856	1.760	0.763
362PDT200-33	2.00	0.0346	0.033	33ksi	0.264	0.897	0.610	0.327	1.521	0.110	0.645	0.107	0.452	0.186	3669	0.10515	0.263	-1.272	2.085	0.628
362PDT250-33	2.50	0.0346	0.033	33ksi	0.298	1.014	0.728	0.390	1.563	0.200	0.820	0.108	0.493	0.193	3808	0.11896	0.482	-1.710	2.457	0.516
362PDT300-33	3.00	0.0346	0.033	33ksi	0.333	1.132	0.846	0.453	1.595	0.327	0.992	0.109	0.532	0.190	3751	0.13277	0.793	-2.161	2.863	0.430
400PDT125-33	1.25	0.0346	0.033	33ksi	0.225	0.764	0.542	0.264	1.554	0.031	0.371	0.106	0.473	0.197	3887	0.08962	0.093	-0.632	1.718	0.865
400PDT150-33	1.50	0.0346	0.033	33ksi	0.242	0.823	0.614	0.299	1.593	0.051	0.460	0.107	0.507	0.204	4027	0.09652	0.152	-0.823	1.851	0.802
400PDT200-33	2.00	0.0346	0.033	33ksi	0.276	0.941	0.758	0.369	1.655	0.113	0.639	0.108	0.567	0.215	4246	0.11033	0.329	-1.230	2.159	0.675
400PDT250-33	2.50	0.0346	0.033	33ksi	0.311	1.059	0.901	0.439	1.702	0.207	0.815	0.109	0.622	0.214	4221	0.12414	0.602	-1.660	2.514	0.564
400PDT300-33	3.00	0.0346	0.033	33ksi	0.346	1.176	1.045	0.508	1.738	0.338	0.989	0.109	0.671	0.210	4158	0.13795	0.988	-2.105	2.904	0.474
600PDT125-33	1.25	0.0346	0.033	33ksi	0.294	1.000	1.418	0.464	2.197	0.034	0.339	0.109	1.237	0.287	5681	0.11723	0.234	-0.517	2.282	0.949
600PDT150-33	1.50	0.0346	0.033	33ksi	0.311	1.059	1.578	0.516	2.252	0.057	0.426	0.110	1.311	0.293	5790	0.12414	0.384	-0.685	2.392	0.918
600PDT200-33	2.00	0.0346	0.033	33ksi	0.346	1.176	1.897	0.621	2.342	0.126	0.604	0.111	1.520	0.322	6355	0.13795	0.835	-1.050	2.637	0.842
600PDT250-33	2.50	0.0346	0.033	33ksi	0.380	1.294	2.216	0.725	2.414	0.233	0.783	0.111	1.657	0.320	6327	0.15175	1.522	-1.443	2.919	0.756
600PDT300-33	3.00	0.0346	0.033	33ksi	0.415	1.412	2.535	0.830	2.472	0.384	0.962	0.112	1.780	0.319	6303	0.16556	2.485	-1.855	3.237	0.671

Notes:

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 - Allow bending moment is based on a fully braced section about its major axis.
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