

Cees & Zees and Additional Structural Sections

Bridging the gap between strength and economy

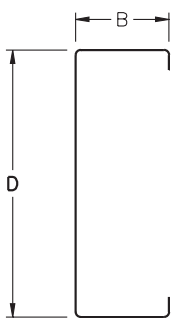
AEP Span structural sections provide an economical, but durable answer to your structural needs. Whatever your project or application, our structural sections stand ready to bridge the gap on a moments notice.

- Lengths from 6' up to 50' available.
- Full range of sizes.
- Competitively priced.
- A variety of punch patterns and hole sizes are available.(see page 7)
- Professional sales representatives are available to assist you.
- Z sections nest, reducing shipping and handling cost. This also allows overlaps so a continuous beam can be utilized.
- 10 gauge available as a non-standard.

Design Base Metal Thicknesses

Gauge	Design Base Metal Thickness [in]
18 ga	0.047
16 ga	0.059
14 ga	0.070
12 ga	0.105
10 ga	0.135

Cee Section Properties

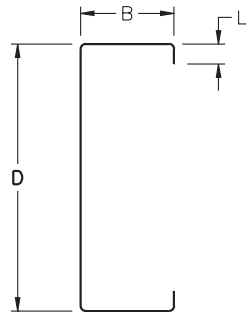


Section D x B	Ga	Mfg. Loc.	Wt (lbs/ft)	Ae in ²	Axis x-x			Axis y-y			L in
					Ix in ⁴	Sx in ³	rx in	Iy in ⁴	Sy in ³	ry in	
4 x 1.625	18	(F)	1.28	0.291	0.918	0.454	1.562	0.145	0.134	0.621	0.65
4 x 2.25	18	(T)	1.6	0.319	1.156	0.509	1.595	0.38	0.284	0.899	1.025
	16	(T)	2.01	0.46	1.485	0.681	1.586	0.475	0.356	0.897	1.055
4 x 2.5	18	(F)	1.6	0.318	1.231	0.528	1.636	0.432	0.279	0.959	0.775
	16	(F)	2.01	0.435	1.565	0.684	1.629	0.541	0.351	0.958	0.805
	14	(F)	2.38	0.551	1.841	0.829	1.622	0.64	0.417	0.956	0.831
5 x 2	18	(F)	1.6	0.315	1.81	0.673	1.962	0.277	0.207	0.768	0.775
	16	(F)	2.01	0.451	2.255	0.89	1.955	0.347	0.261	0.767	0.805
5 x 2.125	14	(F)	2.38	0.545	2.71	1.0543	1.9676	0.44	0.307	0.793	0.706
6 x 2.25	16	(T)	2.41	0.469	3.855	1.186	2.334	0.552	0.373	0.883	1.055
	14	(T)	2.86	0.615	4.546	1.464	2.326	0.653	0.443	0.881	1.081
6 x 2.5	16	(F)	2.41	0.444	3.99	1.173	2.374	0.626	0.369	0.94	0.805
	14	(F)	2.86	0.566	4.707	1.418	2.367	0.741	0.439	0.939	0.831
7 x 2	16	(F)	2.41	0.457	5.007	1.414	2.659	0.387	0.27	0.74	0.805
7 x 2.125	14	(F)	2.86	0.555	5.992	1.665	2.671	0.491	0.318	0.764	0.706
7 x 3	16	(F)	2.81	0.456	6.143	1.511	2.79	1.019	0.493	1.111	0.805
	14	(F)	3.33	0.588	7.527	1.841	2.784	1.208	0.587	1.11	0.831
	12	(F)	5	1.138	11.232	3.084	2.764	1.808	0.889	1.109	0.916
8 x 2.5	16	(F)	2.81	0.449	7.83	1.725	3.079	0.687	0.38	0.912	0.805
	14	(F)	3.33	0.573	9.254	2.104	3.073	0.814	0.452	0.911	0.831
	12	(F)	5	1.11	13.712	3.428	3.054	1.216	0.684	0.909	0.916
8 x 2.75	16	(T)	3.01	0.504	8.453	1.9	3.112	0.97	0.51	1.047	1.055
	14	(T)	3.57	0.668	10.129	2.38	3.106	1.149	0.606	1.046	1.081
	12	(T)	5.36	1.215	14.99	3.748	3.085	1.711	0.913	1.042	1.166

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Cee Section Properties (continued from page 1)



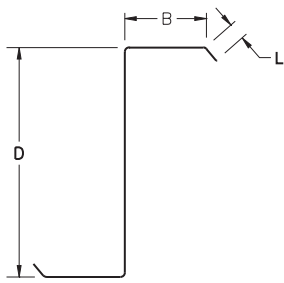
Section D x B	Ga	Mfg. Loc.	Wt (lbs/ft)	Ae in ²	Axis x-x			Axis y-y			L in
					Ix in ⁴	Sx in ³	rx in	Iy in ⁴	Sy in ³	ry in	
8 x 3.5	16	(F)	3.21	0.463	9.008	1.769	3.204	1.545	0.634	1.279	0.805
	14	(F)	3.81	0.602	10.768	2.291	3.198	1.833	0.755	1.279	0.831
	12	(F)	5.71	1.107	16.984	3.656	3.18	2.748	1.143	1.279	0.916
9 x 2.25	16	(T)	3.01	0.474	10.142	1.995	3.385	0.63	0.387	0.844	1.055
	14	(T)	3.57	0.625	11.987	2.581	3.379	0.745	0.459	0.842	1.081
	12	(T)	5.36	1.118	17.765	3.948	3.359	1.107	0.691	0.838	1.166
9 x 3	16	(F)	3.21	0.459	11.063	1.965	3.495	1.104	0.507	1.081	0.805
	14	(F)	3.81	0.593	13.502	2.596	3.49	1.309	0.603	1.081	0.831
	12	(F)	5.71	1.156	20.252	4.326	3.472	1.962	0.913	1.081	0.916
10 x 2.25	14	(T)	3.81	0.627	15.47	2.974	3.717	0.768	0.463	0.828	1.081
10 x 2.5	16	(F)	3.21	0.451	13.323	2.13	3.757	0.732	0.387	0.881	0.805
	14	(F)	3.81	0.577	15.761	2.789	3.751	0.868	0.461	0.88	0.831
	12	(F)	5.71	1.124	23.426	4.685	3.734	1.298	0.698	0.879	0.916
10 x 3.25	14	(T)	4.28	0.686	18.803	3.264	3.875	1.829	0.789	1.205	1.081
10 x 3.5	12	(T)	6.43	1.294	28.104	5.527	3.856	2.734	1.191	1.203	1.166
	14	(F)	4.28	0.606	18.246	2.907	3.905	1.967	0.773	1.249	0.831
10 x 4	12	(F)	6.43	1.121	28.566	4.964	3.888	2.952	1.171	1.25	0.916
	14	(F)	6.78	1.17	30.464	5.242	3.951	4.096	1.444	1.433	0.916
11 x 3	12	(F)	4.28	0.596	21.9	3.133	4.172	1.387	0.614	1.049	0.831
	14	(F)	6.43	1.167	32.633	5.71	4.155	2.081	0.93	1.049	0.916
12 x 2.25	12	(T)	4.28	0.629	24.153	3.524	4.378	0.807	0.469	0.8	1.081
	14	(T)	6.43	1.134	35.934	5.989	4.36	1.2	0.705	0.797	1.166
12 x 2.5	12	(F)	4.28	0.58	24.507	3.3	4.41	0.91	0.467	0.85	0.831
	14	(F)	6.43	1.134	36.5	6.083	4.395	1.363	0.707	0.849	0.916
12 x 3.5	12	(F)	4.76	0.608	28.156	3.466	4.59	2.073	0.786	1.217	0.831
	14	(F)	7.14	1.131	43.928	6.417	4.574	3.114	1.192	1.218	0.916
12 x 3	10	(F)	9.18	1.776	56.136	8.986	4.56	4.007	1.545	1.218	0.989
	14	(F)	4.28	0.566	27.039	3.461	4.632	0.575	0.334	0.676	0.706
13 x 3	12	(F)	6.43	1.032	40.317	6.203	4.619	0.862	0.506	0.676	0.791
	14	(F)	4.76	0.598	32.734	3.675	4.835	1.45	0.622	1.018	0.831
14 x 2.5	12	(F)	7.14	1.175	48.793	7.235	4.82	2.176	0.943	1.018	0.916
	10	(F)	9.18	1.75	62.386	9.598	4.807	2.798	1.222	1.018	0.989
	14	(F)	4.76	0.582	35.774	3.82	5.055	0.944	0.472	0.821	0.831
15 x 2.125	12	(F)	7.14	1.14	53.354	7.622	5.041	1.414	0.715	0.821	0.916
	10	(F)	9.18	1.621	68.25	9.75	5.028	1.815	0.926	0.82	0.989
	12	(F)	7.14	1.038	57.802	7.644	5.246	0.888	0.511	0.65	0.791
15 x 2.25	10	(F)	9.18	1.491	74.348	9.913	5.247	1.213	0.66	0.67	0.739
16 x 3.5	12	(F)	8.57	1.142	87.672	8.829	5.898	3.36	1.22	1.154	0.916
	10	(F)	11.02	1.8	112.26	13.517	5.886	4.32	1.582	1.155	0.989
17 x 3	12	(F)	8.57	1.185	94.134	9.687	6.112	2.32	0.961	0.959	0.916
	10	(F)	11.02	1.77	120.57	14.185	6.1	2.98	1.245	0.96	0.989
18 x 2.5	12	(F)	8.57	1.149	100.08	9.8	6.302	1.49	0.725	0.769	0.916
	10	(F)	11.02	1.639	128.22	14.247	6.291	1.92	0.94	0.769	0.989
19 x 2.125	12	(F)	8.57	1.045	105.79	9.338	6.479	0.93	0.517	0.607	0.791
19 x 2.25	10	(F)	11.02	1.507	136.06	14.263	6.48	1.27	0.668	0.625	0.739
20 x 4.5	12	(F)	10.71	1.212	168.94	11.49	7.397	6.66	1.859	1.454	0.916
	10	(F)	13.77	1.768	218.57	17.157	7.386	8.58	2.411	1.456	0.989

Notes:

1. Materials conform to ASTM A653 Grade 50 (Fy = 55ksi minimum) with G60 Galvanized or ASTM A570 Grade 55 (Fy = 55 ksi minimum) bare.
2. Values based on the American Iron and Steel Institute (AISI) Cold-Formed Steel Design Manual (1996 Edition).
3. Sx and Ae are effective section properties based on f = Fy.
4. Ix based on 1996 AISI Specifications for deflection determination at allowable moment.
5. Iy, Sy, ry & rx are full section properties."
6. (F) - Fontana, (T) - Tacoma"

Specifications subject to change without notice.

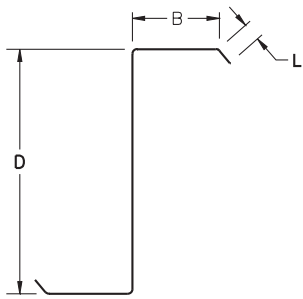
Zee Section Properties



Section D x B	Ga	Mfg. Loc.	Wt (lbs/ft)	Ae in ²	Axis x-x			Axis y-y			L in
					Ix in ⁴	Sx in ³	rx in	Iy in ⁴	Sy in ³	ry in	
4 x 1.625	18	(F)	1.28	0.261	0.946	0.428	1.586	0.28	0.143	0.863	0.547
4 x 2.25	18	(T)	1.6	0.316	1.205	0.523	1.629	0.876	0.311	1.365	0.922
	16	(T)	2.01	0.459	1.551	0.709	1.622	1.107	0.392	1.37	0.943
4 x 2.5	18	(F)	1.6	0.292	1.226	0.501	1.659	0.909	0.312	1.391	0.672
	16	(F)	2.01	0.407	1.596	0.656	1.653	1.149	0.394	1.395	0.693
	14	(F)	2.38	0.521	1.9	0.802	1.648	1.371	0.469	1.399	0.712
5 x 2	18	(F)	1.6	0.289	1.856	0.644	1.987	0.529	0.22	1.061	0.672
	16	(F)	2.01	0.404	2.317	0.839	1.982	0.669	0.277	1.065	0.693
	14	(F)	2.38	0.553	2.735	1.074	1.976	0.799	0.33	1.069	0.712
6 x 2.25	16	(T)	2.41	0.468	3.963	1.216	2.368	1.107	0.392	1.25	0.943
6 x 2.5	16	(F)	2.41	0.416	4.009	1.125	2.397	1.149	0.394	1.274	0.693
	14	(F)	2.86	0.537	4.805	1.37	2.392	1.371	0.469	1.278	0.712
7 x 2	16	(F)	2.41	0.41	5.1	1.33	2.684	0.669	0.277	0.972	0.693
	14	(F)	2.86	0.563	6.029	1.691	2.679	0.8	0.33	0.976	0.712
7 x 3	16	(F)	2.81	0.426	6.031	1.444	2.81	1.812	0.531	1.481	0.693
	14	(F)	3.33	0.555	7.281	1.769	2.805	2.162	0.632	1.485	0.712
	12	(F)	5	1.056	11.437	2.914	2.789	3.294	0.957	1.497	0.771
8 x 2.5	16	(F)	2.81	0.42	7.834	1.625	3.1	1.149	0.394	1.179	0.693
	14	(F)	3.33	0.544	9.389	2.035	3.095	1.371	0.469	1.183	0.712
	12	(F)	5	1.073	13.951	3.403	3.081	2.093	0.711	1.193	0.771
8 x 2.75	16	(T)	3.01	0.483	8.635	1.849	3.141	1.762	0.53	1.411	0.943
	14	(T)	3.57	0.613	10.329	2.275	3.136	2.101	0.63	1.415	0.962
	12	(T)	5.35	1.215	15.334	3.834	3.12	3.198	0.954	1.425	1.021
8 x 3.5	16	(F)	3.21	0.429	8.815	1.642	3.221	2.69	0.687	1.688	0.693
	14	(F)	3.81	0.564	10.547	2.188	3.217	3.207	0.818	1.692	0.712
	12	(F)	5.71	1.033	16.877	3.447	3.202	4.879	1.237	1.704	0.771
9 x 2.25	16	(T)	3.01	0.474	10.311	2.023	3.416	1.107	0.392	1.118	0.943
	14	(T)	3.57	0.627	12.217	2.635	3.411	1.32	0.466	1.121	0.962
	12	(T)	5.35	1.118	18.16	4.036	3.396	2.013	0.705	1.131	1.021
9 x 3	16	(F)	3.21	0.429	10.963	1.844	3.514	1.812	0.531	1.386	0.693
	14	(F)	3.81	0.56	13.094	2.456	3.509	2.162	0.632	1.389	0.712
	12	(F)	5.71	1.074	20.525	4.096	3.495	3.294	0.957	1.4	0.771
10 x 2.25	14	(T)	3.81	0.629	15.729	3.031	3.747	1.32	0.466	1.086	0.962
10 x 2.5	16	(F)	3.21	0.423	13.458	2.007	3.776	1.149	0.394	1.103	0.693
	14	(F)	3.81	0.548	15.934	2.654	3.772	1.371	0.469	1.106	0.712
	12	(F)	5.71	1.087	23.732	4.635	3.759	2.094	0.711	1.116	0.771
10 x 3.25	14	(T)	4.28	0.626	18.905	3.012	3.902	3.137	0.818	1.578	0.962
	12	(T)	6.43	1.162	28.55	5.124	3.887	4.767	1.237	1.588	1.021
10 x 3.5	14	(F)	4.28	0.568	17.93	2.729	3.922	3.207	0.818	1.595	0.712
	12	(F)	6.43	1.047	28.252	4.702	3.909	4.879	1.237	1.607	0.771
10 x 4	12	(F)	6.78	1.112	29.601	5.037	3.97	6.9	1.553	1.86	0.771
11 x 3	14	(F)	4.28	0.564	21.592	2.968	4.19	2.162	0.632	1.31	0.712
	12	(F)	6.43	1.085	32.973	5.421	4.177	3.295	0.957	1.32	0.771
12 x 2.25	14	(T)	4.28	0.632	24.47	3.582	4.407	1.32	0.466	1.024	0.962
	12	(T)	6.43	1.134	36.48	6.08	4.394	2.013	0.705	1.032	1.021
12 x 2.5	14	(F)	4.28	0.551	24.719	3.143	4.429	1.371	0.469	1.043	0.712
	12	(F)	6.43	1.096	36.874	6.007	4.417	2.094	0.711	1.053	0.771
12 x 3.5	14	(F)	4.76	0.571	27.328	3.257	4.606	3.207	0.818	1.514	0.712
	12	(F)	7.14	1.057	43.324	6.101	4.593	4.879	1.237	1.524	0.771
	10	(F)	9.18	1.699	56.694	8.717	4.582	6.355	1.604	1.534	0.823

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Zee Section Properties (continued)



Section D x B	Ga	Mfg. Loc.	Wt (lbs/ft)	Ae in ²	Axis x-x			Axis y-y			L in
					Ix in ⁴	Sx in ³	rx in	Iy in ⁴	Sy in ³	ry in	
13 x 2	14	(F)	4.28	0.574	27.113	3.516	4.639	0.8	0.33	0.797	0.712
	12	(F)	6.43	1.032	40.471	6.226	4.628	1.224	0.501	0.805	0.771
13 x 3	14	(F)	4.76	0.566	32.409	3.483	4.852	2.162	0.632	1.243	0.712
	12	(F)	7.14	1.093	49.2	6.888	4.84	3.295	0.957	1.253	0.771
	10	(F)	9.18	1.669	62.995	9.356	4.83	4.298	1.242	1.262	0.823
14 x 2.5	14	(F)	4.76	0.552	36.024	3.64	5.073	1.371	0.469	0.99	0.712
	12	(F)	7.14	1.102	53.795	7.52	5.061	2.094	0.712	0.999	0.771
	10	(F)	9.18	1.621	68.91	9.844	5.052	2.736	0.924	1.007	0.823
15 x 2	12	(F)	7.14	1.038	57.98	7.667	5.255	1.224	0.501	0.764	0.771
	10	(F)	9.18	1.492	74.303	9.907	5.246	1.604	0.652	0.771	0.823
16 x 3.5	12	(F)	8.57	1.068	87.153	8.236	5.916	4.88	1.238	1.392	0.771
	10	(F)	11.02	1.723	113.02	13.14	5.906	6.36	1.604	1.401	0.823
17 x 3	12	(F)	8.57	1.103	94.675	9.026	6.13	3.295	0.957	1.144	0.771
	10	(F)	11.02	1.69	121.38	13.831	6.121	4.3	1.242	1.152	0.823
18 x 2.5	12	(F)	8.57	1.111	100.66	9.554	6.32	2.09	0.712	0.912	0.771
	10	(F)	11.02	1.639	129.09	14.343	6.312	2.74	0.924	0.919	0.823
19 x 2	12	(F)	8.57	1.045	106.02	9.36	6.486	1.22	0.501	0.697	0.771
	10	(F)	11.02	1.507	136	14.257	6.479	1.6	0.652	0.704	0.823
20 x 4.5	12	(F)	10.71	1.147	164.85	10.868	7.411	9.41	1.904	1.729	0.771
	10	(F)	13.77	1.761	216.2	17.102	7.402	12.23	2.465	1.738	0.823

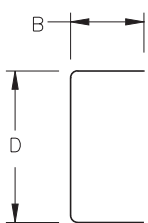
Notes:

1. Materials conform to ASTM A653 Grade 50 (Fy = 55ksi minimum) with G60 Galvanized or ASTM A570 Grade 55 (Fy = 55 ksi minimum) bare.
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3. Sx and Ae are effective section properties based on f = Fy.
4. Ix based on 1996 AISI Specifications for deflection determination at allowable moment.
5. Iy, Sy, ry & rx are full section properties.
6. (F) - Fontana, (T) - Tacoma

Specifications subject to change without notice

Track Section Properties



Section D x B	Ga	Mfg. Loc.	Wt (lbs/ft)	Ae in ²	Axis x-x			Axis y-y		
					Ix in ⁴	Sx in ³	rx in	Iy in ⁴	Sy in ³	ry in
2 x 4.125 x 2	18	(F)	1.28	0.175	0.803	0.309	1.656	0.166	0.109	0.665
2 x 6.125 x 2	18	(F)	1.6	0.179	2.106	0.514	2.343	0.187	0.115	0.631
2 x 8.125 x 2	16	(F)	2.01	0.268	2.726	0.752	2.34	0.238	0.145	0.635

Notes:

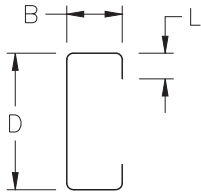
1. Materials conform to ASTM A653 Grade 50 (Fy = 55ksi minimum) with G60 Galvanized or ASTM A570 Grade 55 (Fy = 55 ksi minimum) bare
2. Values based on the American Iron and Steel Institute (AISI) Cold Formed Steel Design Manual (1996 Edition).

3. Sx and Ae are effective section properties based on f = Fy.
4. Ix based on 1996 AISI Specifications for deflection determination at allowable moment.
5. Iy, Sy, ry & rx are full section properties.
6. (F) - Fontana, (T) - Tacoma

Specifications subject to change without notice

Stud Section Properties

Section D x B	Gauge	Mfg. Loc.	Weight (lbs/ft)	Ae in ²	Axis x-x			Axis y-y			L in
					Ix in ⁴	Sx in ³	rx in	Iy in ⁴	Sy in ³	ry in	
4 x 1.625	18	(F)	1.28	0.291	0.918	0.454	1.562	0.145	0.134	0.621	0.65
6 x 1.625	18	(F)	1.6	0.296	2.406	0.794	2.263	0.166	0.14	0.594	0.65
8 x 1.625	16	(F)	2.408	0.407	6.046	1.511	2.922	0.225	0.18	0.563	0.68



Notes:

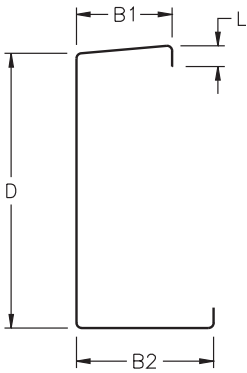
1. Materials conform to ASTM A653 Grade 50 (Fy = 55ksi minimum) with G60 Galvanized or ASTM A570 Grade 55 (Fy = 55 ksi minimum) bare.
2. Values based on the American Iron and Steel Institute (AISI) Cold Formed Steel Design Manual (1996 Edition).
3. Sx and Ae are effective section properties based on $f = F_y$

4. Ix based on 1996 AISI Specifications for deflection determination at allowable moment.
5. Iy, Sy, ry & rx are full section properties.
6. (F) - Fontana, (T) - Tacoma

Specifications subject to change without notice

Eave Strut Section Properties

Section D x B1 x B2	Gauge	Mfg. Loc.	Weight (lbs/ft)	Ae in ²	Ix+ in ⁴	Sx+ in ³	Axis x-x			Axis y-y			L in
							Ix- in ⁴	Sx- in ³	rx in	Iy in ⁴	Sy in ³	ry in	
8 x 4 x 4.5	14	(F)	4.28	0.685	13.279	2.535	12.995	2.676	3.327	3.236	1.059	1.602	1.083
8 x 3.5 x 5	12	(F)	6.43	1.247	20.367	4.065	19.388	4.277	3.283	5.245	1.498	1.666	1.168
10 x 4 x 4.5	14	(F)	4.76	0.689	22.176	3.215	21.716	3.361	4.055	3.486	1.09	1.578	1.083
10 x 3.5 x 5	12	(F)	7.14	1.261	33.798	5.51	32.054	5.75	4.012	5.64	1.547	1.639	1.168



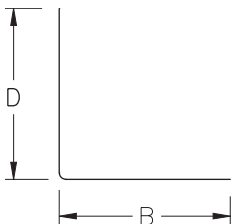
Notes:

1. Materials conform to ASTM A653 Grade 50 (Fy = 55ksi minimum) with G60 Galvanized or ASTM A570 Grade 55 (Fy = 55 ksi minimum) bare.
2. Values based on the American Iron and Steel Institute (AISI) Cold Formed Steel Design Manual (1996 Edition).
3. Ae is the effective section property based on $f = F_y$
4. Sx+ is the effective section property based on $f = F_y$ (top in compression)

5. Sx- is the effective section property based on $f = F_y$ (bottom in compression)
6. Ix+ based on 1996 AISI Specifications for deflection determination at allowable moment (top in compression)
7. Ix- based on 1996 AISI Specifications for deflection determination at allowable moment (bottom in compression)
8. Iy, Sy, ry & rx are full section properties.
9. (F) - Fontana, (T) - Tacoma

Specifications subject to change without notice

Angle Sizes

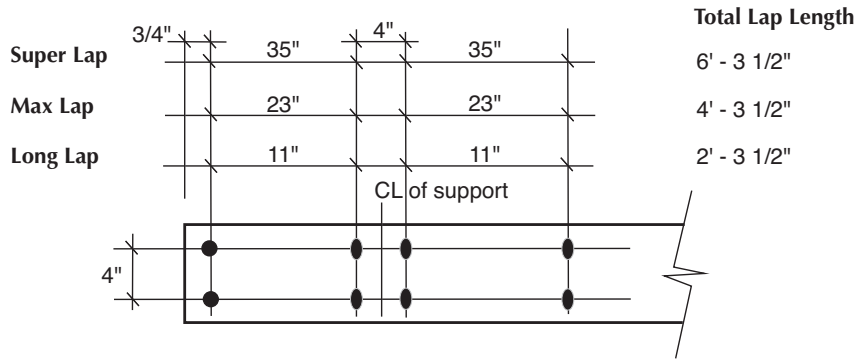


Section D x B	Gauges	Location
2 x 2	18, 16, 14	(F/T)
2.25 x 1.75	16	(T)
3 x 3	18, 16, 14	(F/T)
3 x 5	18, 16, 14	(F)
4 x 2	18, 16, 14	(F/T)
4 x 4	18, 16, 14	(F)
5 x 5	18, 16, 14	(F)

1. Materials conform to ASTM A653 Grade 50 (Fy = 55ksi minimum) with G60 Galvanized or ASTM A570 Grade 55 (Fy = 55 ksi minimum) bare.
2. (F) - Fontana, (T) Tacoma
3. Only 16 ga available in Tacoma

Specifications subject to change without notice.

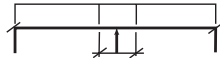
Standard Punching for Zees



- 9/16" Diameter Round Punch (5/8" dia optional in Tacoma)
- 9/16" x 3/4" Oblong Punch (5/8" x 3/4" oblong optional in Tacoma)

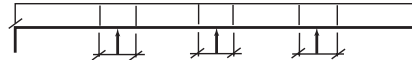
Lap Conditions for Zees

TWO-SPAN



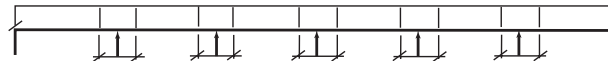
Long Lap	2' - 3 1/2"
Max Lap	4' - 3 1/2"
Super Lap	6' - 3 1/2"

FOUR-SPAN



Long Lap	2'-3 1/2"	2'-3 1/2"	2'- 3 1/2"
Max Lap	4'-3 1/2"	4'-3 1/2"	4'-3 1/2"
Std. Lap	4'-3 1/2"	2'-3 1/2"	4'-3 1/2"
Extended Lap	6'-3 1/2"	4'-3 1/2"	6'-3 1/2"

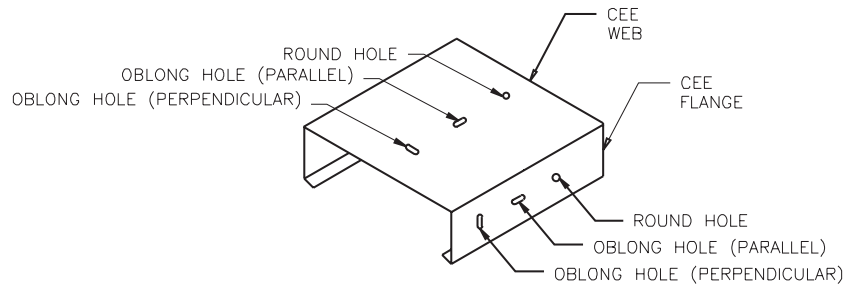
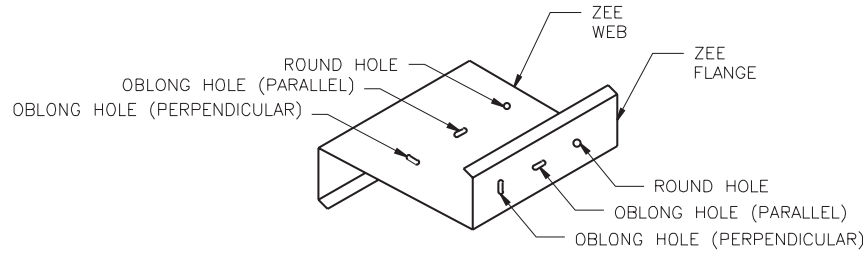
SIX-SPAN



Long Lap	2'-3 1/2"	2'-3 1/2"	2'-3 1/2"	2'-3 1/2"	2'-3 1/2"
Max Lap	4'-3 1/2"	4'-3 1/2"	4'-3 1/2"	4'-3 1/2"	4'-3 1/2"
Std. Lap	4'-3 1/2"	2'-3 1/2"	2'-3 1/2"	2'-3 1/2"	4'-3 1/2"
Extended Lap	6'-3 1/2"	4'-3 1/2"	4'-3 1/2"	4'-3 1/2"	6'-3 1/2"

Note: Dimension shown is the total lap length

Hole Sizes



Round Holes	Oblong Holes (Perpendicular)	Oblong Holes (Parallel)
5/16"	1/2" x 3/4"	1/2" x 3/4"
1/2"	9/16" x 3/4"	9/16" x 3/4"
9/16"	9/16" x 1"	5/8" x 3/4"
5/8"	5/8" x 3/4"	3/4" x 7/8"
11/16"	5/8" x 1-1/2"	11/16" x 3/4"
3/4"	11/16" x 3/4"	
13/16"	3/4" x 7/8"	
7/8"	13/16" x 1-1/4"	
1-1/16"		
1-1/8"		
1-1/4"		

- Notes:
- 1) For sections deeper than 14 inches some limitations apply. Please inquire with your AEP Span representative
 - 2) Sample hole locations shown for Cee and Zee sections. Punching also available for Eave Strut, Stud, Track and Angle sections.

