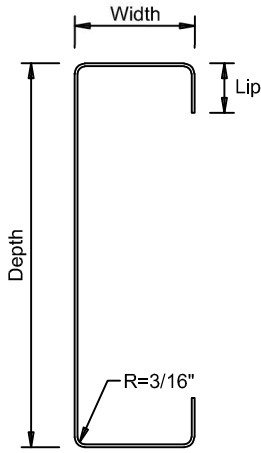




# Section Properties - Cees



Available Sizes				
Depth in	Width in	Available Gauges	Finish	Weight per Liner Foot
4	2.5	16	Galvanized	2.04
4	2.5	14	Galvanized	2.55
6	2.5	16	Galvanized	2.45
6	2.5	14	Galvanized	3.06
6	2.5	12	Galvanized	4.29
8	2.5	16	Galvanized	2.88
8	2.5	14	Galvanized	3.60
8	2.5	12	Galvanized	5.05
10	3.0	16	Galvanized	3.50
10	3.0	14	Galvanized	4.37
10	3.0	12	Galvanized	6.12
12	3.0	14	Galvanized	4.88
12	3.0	12	Galvanized	6.83
14	3.0	14	Galvanized	5.39
14	3.0	12	Galvanized	7.55

**TOLERANCE STANDARDS FOR THICKEST METALS**

- Accumulation .....(±) 1/16"
- Radii .....(±) 1/32"
- Width .....(±) 1/16"
- Flanges .....(±) 1/16"
- Flare .....2x THK per side angles
- Flange .....(±) 2 degrees
- Lips .....(±) 3 degrees
- Camber .....1/8" in 10'-0"
- Ski .....1/8" in 10'-0"
- Dive .....1/8" in 10'-0"
- Twist .....1/8" in 10'-0"
- (Zee Only) .....1/4" in 20'-0"

Net variation for combined dimensions  
 Twist is measured with the Zee laying on a flat surface under its own weight

Sectional Properties																	
Name	Depth in	Width in	Thickness in	Lip in	Rad in	Area in <sup>2</sup>	Weight lb/ft	Ixx in <sup>4</sup>	Sxx in <sup>3</sup>	Rxx in	Iyy in <sup>4</sup>	Syy in <sup>3</sup>	Ryy in	j in <sup>4</sup>	Cw in <sup>6</sup>	Ro in	Xo in
4C16	4	2.5	0.06	0.81	0.1875	0.600	2.040	1.591	0.795	1.628	0.551	0.357	0.958	0.00072	2.44	2.94	-2.25
4C14	4	2.5	0.075	0.84	0.1875	0.749	2.550	1.963	0.982	1.618	0.683	0.446	0.955	0.00141	3.07	2.94	-2.26
6C16	6	2.5	0.06	0.81	0.1875	0.720	2.450	4.056	1.352	2.373	0.637	0.376	0.940	0.00086	5.29	3.23	-1.98
6C14	6	2.5	0.075	0.84	0.1875	0.899	3.060	5.028	1.676	2.364	0.792	0.469	0.938	0.00169	6.63	3.22	-1.98
6C12	6	2.5	0.105	0.92	0.1875	1.261	4.290	6.939	2.313	2.346	1.106	0.664	0.937	0.00463	9.52	3.22	-2.00
8C16	8	2.5	0.06	0.87	0.1875	0.847	2.880	8.035	2.009	3.079	0.721	0.403	0.922	0.00102	10.12	3.69	-1.80
8C14	8	2.5	0.075	0.91	0.1875	1.059	3.600	9.990	2.498	3.071	0.900	0.505	0.921	0.00199	12.72	3.68	-1.81
8C12	8	2.5	0.105	0.98	0.1875	1.483	5.050	13.833	3.458	3.054	1.253	0.711	0.919	0.00545	17.99	3.67	-1.82
10C16	10	3.0	0.06	0.87	0.1875	1.028	3.500	15.158	3.032	3.841	1.193	0.540	1.078	0.00123	24.86	4.48	-2.04
10C14	10	3.0	0.075	0.91	0.1875	1.284	4.370	18.874	3.775	3.833	1.490	0.678	1.077	0.00241	31.22	4.48	-2.04
10C12	10	3.0	0.105	0.98	0.1875	1.798	6.120	26.213	5.243	3.818	2.083	0.955	1.076	0.00661	44.10	4.47	-2.06
12C14	12	3.0	0.075	0.91	0.1875	1.434	4.880	29.150	4.858	4.508	1.569	0.688	1.046	0.00269	46.60	5.00	-1.88
12C12	12	3.0	0.105	0.98	0.1875	2.008	6.830	40.554	6.759	4.494	2.193	0.971	1.045	0.00738	65.68	4.99	-1.90
14C14	14	3.0	0.075	0.91	0.1875	1.584	5.390	42.296	6.042	5.167	1.632	0.696	1.015	0.00297	65.68	5.55	-1.75
14C12	14	3.0	0.105	0.98	0.1875	2.218	7.550	58.913	8.416	5.154	2.283	0.982	1.015	0.00815	92.47	5.54	-1.76

\*Thickness indicated represents design thickness. Minimum deliverable bare steel equals 0.095 x design thickness in accordance with section A3.4 of AISI Specification of minimum steel thickness in inches.