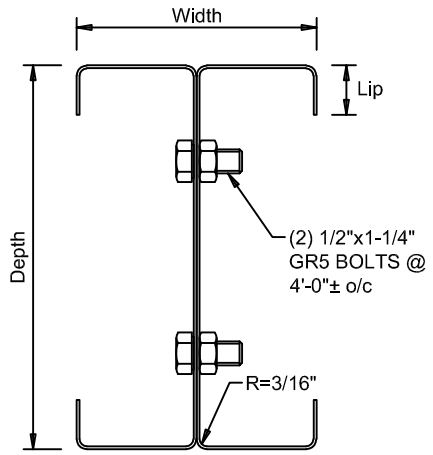




# Section Properties Double Channels



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 in2	Weight lb/ft	Ixx in4	Sxx in3	Rxx in	Iyy in4	Syy in3	Ryy in	j in4	Cw in6	Ro in	Xo in
4D16	4	5.0	0.06	0.81	0.1875	1.200	4.080	3.180	1.590	1.628	2.203	0.881	1.355	0.00144	4.86	2.12	0.00
4D14	4	5.0	0.075	0.84	0.1875	1.500	5.100	3.928	1.964	1.618	2.779	1.112	1.361	0.00281	6.18	2.11	0.00
6D16	6	5.0	0.06	0.81	0.1875	1.440	4.900	8.110	2.703	2.373	2.203	0.881	1.237	0.00173	10.55	2.68	0.00
6D14	6	5.0	0.075	0.84	0.1875	1.800	6.130	10.062	3.354	2.364	2.780	1.112	1.243	0.00338	13.31	2.67	0.00
6D12	6	5.0	0.105	0.92	0.1875	2.520	8.580	13.872	4.624	2.346	3.962	1.585	1.254	0.00926	18.97	2.66	0.00
8D16	8	5.0	0.06	0.87	0.1875	1.695	5.770	16.070	4.018	3.079	2.295	0.918	1.164	0.00203	20.24	3.29	0.00
8D14	8	5.0	0.075	0.91	0.1875	2.119	7.210	19.980	4.995	3.071	2.894	1.158	1.169	0.00397	25.44	3.29	0.00
8D12	8	5.0	0.105	0.98	0.1875	2.966	10.090	27.666	6.917	3.054	4.120	1.648	1.179	0.0109	35.99	3.27	0.00
10D16	10	6.0	0.06	0.87	0.1875	2.055	6.990	30.316	6.063	3.841	3.672	1.224	1.337	0.00247	49.72	4.07	0.00
10D14	10	6.0	0.075	0.91	0.1875	2.569	8.740	37.748	7.550	3.833	4.628	1.543	1.342	0.00482	62.44	4.06	0.00
10D12	10	6.0	0.105	0.98	0.1875	3.596	12.240	52.426	10.485	3.818	6.585	2.195	1.353	0.01322	88.20	4.05	0.00
12D14	12	6.0	0.075	0.91	0.1875	2.869	9.760	58.299	9.717	4.508	4.628	1.543	1.270	0.00538	93.19	4.68	0.00
12D12	12	6.0	0.105	0.98	0.1875	4.016	13.670	81.108	13.518	4.494	6.586	2.195	1.281	0.01476	131.37	4.67	0.00
14D14	14	6.0	0.075	0.91	0.1875	3.169	10.780	84.591	12.084	5.167	4.629	1.543	1.209	0.00594	131.37	5.31	0.00
14D12	14	6.0	0.105	0.98	0.1875	4.436	15.100	117.827	16.832	5.154	6.587	2.196	1.219	0.0163	184.94	5.30	0.00

\*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.