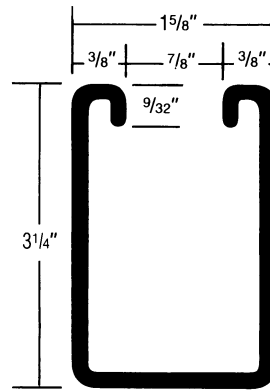


MULTI-STRUT®

CHANNEL/M-112

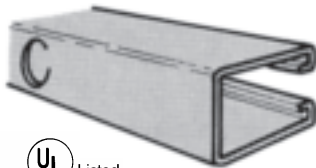


3 1/4" x 1 5/8" x 3 1/4"
12 Gauge Channel
wt./100 ft. - 313#

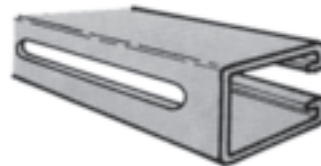
Stocked in Pre Galvanized, Plain & Painted in 10 & 20 ft. lengths. Post Galvanized & Aluminum available upon request.



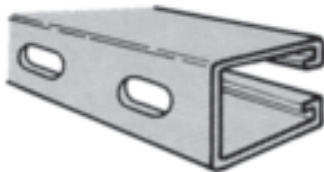
M-112-RS
3 1/4" x 1 5/8" x 3 1/4" x 12GA 9/16"
Dia.;
1 7/8" on Centers



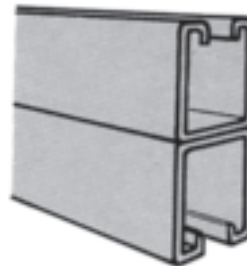
M-112-KO
3 1/4" x 1 5/8" x 3 1/4" x 12GA 7/8"
Dia. Knockout;
6" on Centers



M-112-OS3
3 1/4" x 1 5/8" x 3 1/4" x 12GA 1 3/32"
x 3" Slot;
4" on Centers



M-112-OS
3 1/4" x 1 5/8" x 3 1/4" x 12GA 9/16"
x 1 1/8" Slot;
2" on Centers



M-112-A
6 1/2" x 1 5/8" X 6 1/2" x 12GA
Back to Back

*Other welded combinations available upon request

PROPERTIES OF SECTION

Figure Number	Wt./Ft. Lbs.	Area of Section Sq. in.	X-X Axis			Y-Y Axis		
			Ix in. ⁴	Sx in ³	Rx in.	Iy in. ⁴	Sy in ³	Ry in.
M-112	3.13	.884	1.073	0.609	1.102	0.429	0.529	0.697
M-112-A	6.26	1.768	6.064	1.896	1.852	0.859	1.0572	0.697

ALLOWABLE COLUMN LOADS (LBS.)

Figure Number	UNSUPPORTED HEIGHT OF COLUMN IN INCHES												
	12"	18"	24"	30"	36"	42"	48"	60"	72"	84"	96"	108"	120"
M-112	13397	13255	13057	12802	12490	12121	11696	10675	9427	7952	6286	4966	4023
M-112-A	26795	26511	26114	25603	24980	24242	23391	21349	18854	15904	12571	9933	8046

ALLOWABLE BEAM LOADS (LBS.)

Figure Number	Notes	SPAN IN INCHES												
		12"	18"	24"	30"	36"	42"	48"	60"	72"	84"	96"	108"	120"
M-112	1	10155	6770	5077	4062	3385	2901	2539	2031	1692	1451	1269	1128	1015
	2	-	-	-	-	-	-	-	-	-	1436	1099	869	703
	3	0.007	0.016	0.029	0.045	0.065	0.088	0.115	0.180	0.260	0.354	0.462	0.585	0.722
M-112-A	1	31604	21069	15802	12641	10535	9030	7901	6321	5287	4515	3950	3512	3160
	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	3	0.004	0.009	0.016	0.025	0.036	0.049	0.064	0.099	0.143	0.195	0.254	0.322	0.398

NOTES:

- I. All Figures show the Load in Lbs.
- II. Line 1 shows the Allowable Uniform Beam Load based on calculations using 25000 psi Stress.
- III. Line 2 shows the Allowable Uniform Load at Maximum Deflection = 1/240 of Span.
- IV. Line 3 shows Beam Deflection in inches.