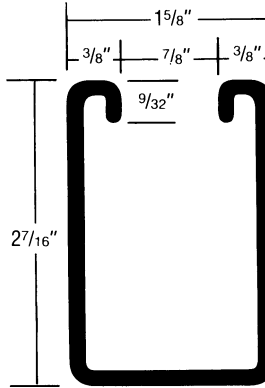


MULTI-STRUT®

CHANNEL/M-122

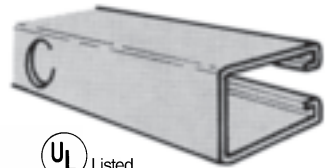


2 7/16" x 1 5/8" x 2 7/16"
12 Gauge Channel
wt./100 ft. - 254#

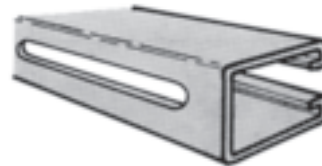
Stocked in Pre Galvanized, Plain & Painted in 10 & 20 ft. lengths. Post Galvanized & Aluminum available upon request.



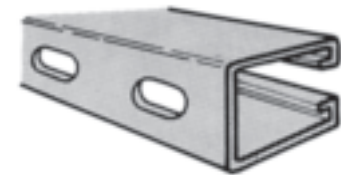
M-122-RS
2 7/16" x 1 5/8" x 2 7/16" x 12GA
9/16" Dia.;
1 7/8" on Centers



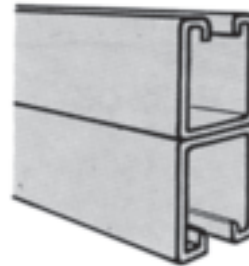
M-122-KO
2 7/16" x 1 5/8" x 2 7/16" x 12GA 7/8"
Dia. Knockout;
6" on Centers



M-122-OS3
2 7/16" x 1 5/8" x 2 7/16" x 12GA
1 3/32" x 3" Slot;
4" on Centers



M-122-OS
2 7/16" x 1 5/8" x 2 7/16" x 12GA
9/16" x 1 1/8" Slot;
2" on Centers



M-122-A
4 7/8" x 1 5/8" X 4 7/8" 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-122	2.54	0.714	0.509	0.378	0.844	0.331	0.408	0.681
M-122-A	5.08	1.625	2.721	1.381	1.41	0.663	0.8154	0.681

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-122	10496	10380	10217	10007	9751	9449	9100	8262	7237	6027	4705	3717	3011
M-122-A	20992	20760	20434	20015	19503	18897	18199	16523	14475	12054	9408	7434	6022

ALLOWABLE BEAM LOADS (LBS.)

Figure Number	Notes	SPAN IN INCHES												
		12"	18"	24"	30"	36"	42"	48"	60"	72"	84"	96"	108"	120"
M-122	1	6305	4203	3152	2522	2102	1801	1576	1261	1051	901	788	701	630
	2	-	-	-	-	-	-	-	-	927	681	521	412	334
	3	0.009	0.021	0.038	0.059	0.085	0.116	0.151	0.236	0.340	0.463	0.605	0.765	0.945
M-122-A	1	19014	12676	9507	7606	6338	5433	4654	3803	3169	2716	2377	2113	1901
	2	-	-	-	-	-	-	-	-	-	-	-	-	1784
	3	0.005	0.012	0.021	0.033	0.048	0.065	0.085	0.133	0.192	0.261	0.341	0.432	0.533

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.