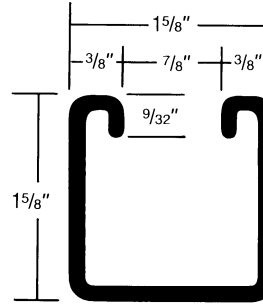


# MULTI-STRUT®

## CHANNEL/M-132



1 5/8" x 1 5/8" x 1 5/8"  
12 Gauge Channel  
wt./100 ft. - 194#

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



**M-132-RS**  
1 5/8" x 1 5/8" x 1 5/8" x 12GA 9/16"  
Dia.;  
1 7/8" on Centers



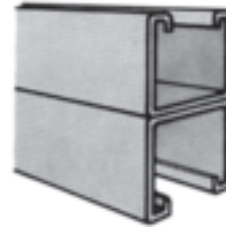
**M-132-KO**  
1 5/8" x 1 5/8" x 1 5/8" x 12GA  
7/8" Dia. Knockout;  
6" on Centers



**M-132-OS3**  
1 5/8" x 1 5/8" x 1 5/8" x 12GA 1 3/32"  
x 3" Slot;  
4" on Centers



**M-132-OS**  
1 5/8" x 1 5/8" x 1 5/8" x 12GA 9/16"  
x 1 1/8" Slot;  
2" on Centers



**M-132-A**  
3 1/4" x 1 5/8" X 3 1/4" 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. <sup>4</sup>	Sx in <sup>3</sup>	Rx in.	Iy in. <sup>4</sup>	Sy in <sup>3</sup>	Ry in.
M-132	1.94	.544	0.180	0.195	0.575	0.233	0.287	0.655
M-132-A	3.88	1.088	0.896	0.570	0.908	0.466	0.5736	0.655

### 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-132	7573	7455	7290	7077	6817	6509	6154	5303	4263	3172	2428	1919	1554
M-132-A	15190	15007	14752	14423	14021	13547	12999	11885	10078	8180	6291	4971	4026

### ALLOWABLE BEAM LOADS (LBS.)

Figure Number	Notes	SPAN IN INCHES												
		12"	18"	24"	30"	36"	42"	48"	60"	72"	84"	96"	108"	120"
M-132	1	3249	2166	1625	1300	1083	928	812	650	542	464	406	361	325
	2	-	-	-	-	-	-	737	472	328	241	184	148	118
	3	0.014	0.031	0.055	0.086	0.124	0.169	0.220	0.344	0.496	0.675	0.882	1.116	1378
M-132-A	1	9496	6331	4748	3799	3185	2713	2374	1899	1583	1357	1187	1055	950
	2	-	-	-	-	-	-	-	-	-	1199	918	725	587
	3	0.008	0.018	0.032	0.051	0.073	0.099	0.129	0.202	0.291	0.396	0.517	0.655	0.808

#### 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.