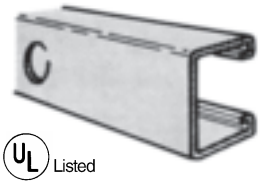
MULTI-STRUT®
CHANNEL/**M-165**

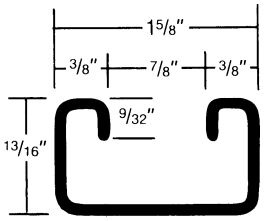
M-165-RS
13/16" x 1 5/8" x 13/16" x 15GA 9/16" Dia.;
1 7/8" on Centers



M-165-KO
13/16" x 1 5/8" x 13/16" x 15GA 7/8" Dia. Knockout;
6" on Centers

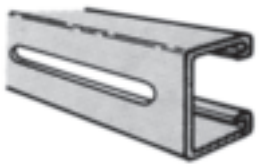
UL Listed

M-165-OS
13/16" x 1 5/8" x 13/16" x 15GA 9/16" x 1 1/8" Slot;
2" on Centers

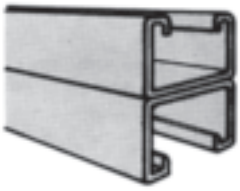


13/16" x 1 5/8" x 13/16"
15 Gauge Channel
wt./100 ft. - 94#

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



M-165-OS3
13/16" x 1 5/8" x 13/16" x 15GA
13/32" x 3" Slot;
4" on Centers



M-165-A
1 5/8" x 1 5/8" X 1 5/8" x 15GA
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-165	.94	0.261	0.024	0.050	0.302	0.098	0.121	0.613
M-165-A	1.88	0.523	0.107	0.138	0.453	0.196	0.2416	0.613

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-165	3435	3250	2967	2603	2157	1647	1261	807	560	412	315	249	202
M-165-A	7086	6906	6655	6332	5937	5471	4932	3640	2528	1857	1422	1124	910

ALLOWABLE BEAM LOADS (LBS.)

Figure Number	Notes	SPAN IN INCHES												
		12"	18"	24"	30"	36"	42"	48"	60"	72"	84"	96"	108"	120"
M-165	1	837	558	418	335	279	239	209	167	139	120	105	93	84
	2	-	-	390	250	173	127	98	62	43	32	24	19	16
	3	0.027	0.060	0.107	0.168	0.241	0.328	0.429	0.670	0.965	1.313	1.715	2.171	2.680
M-165-A	1	2298	1532	1149	919	766	657	575	460	383	328	287	255	230
	2	-	-	-	-	-	575	440	282	196	144	110	87	70
	3	0.016	0.037	0.065	0.102	0.147	0.200	0.261	0.408	0.588	0.800	1.045	1.322	1.632

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.