

# 10" x 2-3/4" x 1/2" Channel

## ALLOWABLE UNIFORM LOADS (lbs./ft. / N/m.) Laterally Supported

$A_w = 4.50 \text{ in.}^2 / 2903.2 \text{ mm.}^2$   
 $I = 92.49 \text{ in.}^4 / 38497245 \text{ mm.}^4$

$Wt. = 5.30 \text{ lbs./ft.} / 7.89 \text{ kg/m.}$   
 $S = 18.50 \text{ in.}^3 / 303161 \text{ mm.}^3$

SPAN FT/m	MAXIMUM LOAD		DEFLECTION				
			L/100	L/150	L/180	L/240	L/360
6/1.83	1869/27278	F <sub>v</sub>	---/---	---/---	---/---	1802/26298	1199/17503
7/2.13	1601/23369	F <sub>v</sub>	---/---	---/---	---/---	1239/18077	824/12022
8/2.44	1400/20437	F <sub>v</sub>	---/---	---/---	1177/17183	882/12865	586/8548
9/2.74	1244/18156	F <sub>v</sub>	---/---	1037/15140	864/12602	646/9430	429/6257
10/3.05	1090/15910	F <sub>b</sub>	---/---	781/11393	650/9479	486/7088	322/4696
11/3.35	900/13133	F <sub>b</sub>	---/---	600/8762	499/7287	373/5443	247/3600
12/3.66	755/11022	F <sub>b</sub>	709/10347	470/6866	391/5707	292/4258	193/2810
13/3.96	643/9378	F <sub>b</sub>	565/8246	375/5468	311/4542	232/3385	153/2227
14/4.27	553/8074	F <sub>b</sub>	457/6670	303/4418	251/3667	187/2728	123/1790
15/4.57	481/7022	F <sub>b</sub>	374/5464	248/3614	205/2997	153/2226	100/1455
16/4.88	422/6161	F <sub>b</sub>	310/4526	205/2988	170/2476	126/1835	82/1194
17/5.18	373/5448	F <sub>b</sub>	259/3787	171/2495	141/2065	105/1527	68/989
18/5.49	332/4850	F <sub>b</sub>	219/3196	144/2101	119/1737	88/1281	56/825
19/5.79	298/4344	F <sub>b</sub>	186/2719	122/1783	101/1471	74/1082	47/692
20/6.10	268/3912	F <sub>b</sub>	160/2329	104/1523	86/1255	63/919	40/584
21/6.40	243/3540	F <sub>b</sub>	138/2008	90/1309	74/1077	54/786	34/495
22/6.71	220/3218	F <sub>b</sub>	119/1741	78/1132	64/928	46/674	29/420
23/7.01	201/2936	F <sub>b</sub>	104/1517	67/982	55/804	40/581	25/358
24/7.32	184/2690	F <sub>b</sub>	91/1329	59/857	48/699	34/503	21/306
25/7.62	169/2472	F <sub>b</sub>	80/1168	51/750	42/610	30/436	18/261

The part weight has been deducted in the above table.

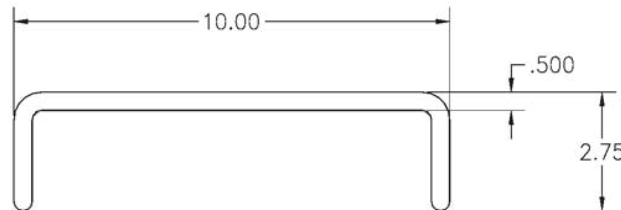
English / Metric

This item is stocked in 20-foot lengths.

Other lengths available in mill run quantities.

The mill run on this item is 800 feet.

Orders for less than mill run quantities will be subject to set-up charges as well as premium per foot cost.



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	MODEL NO.:	REVISIONS									
	DWG NAME:	REV.	DESCRIPTION	DESIGNED BY:	CHECKED BY:					APPROVED BY:	DATE:
	DRAWING NUMBER: A-100	JOB NUMBER:	SHEET: 1 of 1	REV: 0							
SCALE: NO SCALE	COMMENTS:										