

8" x 2-3/16" x 3/8" Channel

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

$A_w = 2.719 \text{ in.}^2 / 1754 \text{ mm.}^2$
 $I = 35.77 \text{ in.}^4 / 14888598 \text{ mm.}^4$

$Wt. = 3.20 \text{ lbs./ft.} / 4.76 \text{ kg/m.}$
 $S = 8.94 \text{ in.}^3 / 146500 \text{ mm.}^3$

SPAN FT/m	MAXIMUM LOAD		DEFLECTION				
			L/100	L/150	L/180	L/240	L/360
5/1.52	1627/23752	F _v	---/---	---/---	---/---	1235/18030	822/12001
6/1.83	1271/18545	F _v	---/---	1261/18405	1050/15327	787/11481	523/7634
7/2.13	932/13610	F _v	---/---	845/12333	704/10268	527/7686	350/5105
8/2.44	713/10406	F _b	---/---	590/8613	491/7168	367/5361	244/3555
9/2.74	563/8210	F _b	---/---	426/6224	355/5177	265/3868	175/2559
10/3.05	455/6639	F _b	---/---	317/4627	264/3846	197/2870	130/1894
11/3.35	375/5477	F _b	364/5314	241/3523	201/2926	149/2180	98/1434
12/3.66	315/4593	F _b	283/4135	188/2737	156/2271	116/1689	76/1106
13/3.96	268/3905	F _b	224/3275	148/2164	123/1793	91/1330	59/867
14/4.27	230/3359	F _b	180/2633	119/1736	98/1437	73/1063	47/689
15/4.57	200/2918	F _b	147/2145	97/1410	80/1165	59/860	38/554
16/4.88	175/2558	F _b	121/1767	79/1159	65/956	48/702	31/449
17/5.18	155/2259	F _b	101/1471	66/961	54/791	40/579	25/366
18/5.49	138/2009	F _b	85/1235	55/804	45/660	33/480	21/301
19/5.79	123/1797	F _b	72/1045	46/677	38/555	27/401	17/248
20/6.10	111/1616	F _b	61/890	39/574	32/469	23/337	14/205

The part weight has been deducted in the above table.

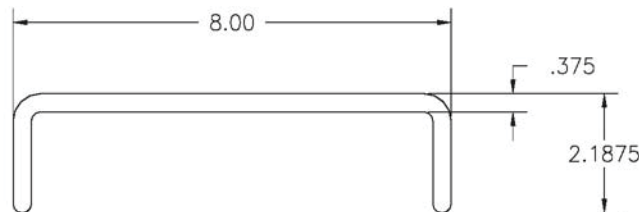
English/Metric

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