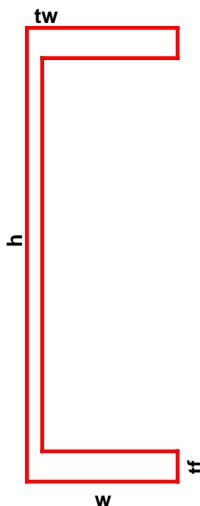


## MC10X22



Name	MC10X22	
Weight	22.31	lb/ft
Height, $h$	10	in
Width, $w$	3.32	in
Web Thickness, $tw$	0.575	in
Flange Thickness, $tf$	0.29	in
Area, $A$	6.45	in <sup>2</sup>
Shear Area, $SA_2$	2.9	in <sup>2</sup>
Shear Area, $SA_3$	3.818	in <sup>2</sup>
Inertia, $I_{22}$	6.4	in <sup>4</sup>
Interia, $I_{33}$	102	in <sup>4</sup>
Centroid, $x_0$	0.99	in
Centroid, $y_0$	5.0	in
Torsional, $J$	0.51	in <sup>4</sup>
Radius of Gyration, $R_2$	0.9961165	in
Radius of Gyration, $R_3$	3.976676	in
Section Modulus, $S_2$ -Left	2.746781	in <sup>3</sup>
Section Modulus, $S_2$ -Right	6.464646	in <sup>3</sup>
Section Modulus, $S_3$ -Top	20.4	in <sup>3</sup>
Section Modulus, $S_3$ -Bottom	20.4	in <sup>3</sup>
Plastic Modulus, $Z_2$	5.29	in <sup>3</sup>
Plastic Modulus, $Z_3$	23.9	in <sup>3</sup>