



HAVERHILL STEEL

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I-Beams

STD SHAPES						
Section Number	Weight per Foot	Depth of Section	Flange		Web Thickness	
			Width	Thick-ness	in.	Dec.
			in.	in.	in.	Dec.
S3 x	5.7	3	2 $\frac{3}{8}$	$\frac{1}{4}$	$\frac{3}{16}$	.170
	7.5	3	2 $\frac{1}{2}$	$\frac{1}{4}$	$\frac{3}{8}$	.349
S4 x	7.7	4	2 $\frac{5}{8}$	$\frac{5}{16}$	$\frac{3}{16}$	.193
	9.5	4	2 $\frac{3}{4}$	$\frac{5}{16}$	$\frac{5}{16}$	.326
S5 x	10.0	5	3	$\frac{5}{16}$	$\frac{3}{16}$	.214
S6 x	12.5	6	3 $\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{4}$	.232
	17.25	6	3 $\frac{5}{8}$	$\frac{3}{8}$	$\frac{7}{16}$	.465
S7 x	15.3	7	3 $\frac{5}{8}$	$\frac{3}{8}$	$\frac{1}{4}$	.252
S8 x	18.4	8	4	$\frac{7}{16}$	$\frac{1}{4}$	.271
	23.0	8	4 $\frac{1}{8}$	$\frac{7}{16}$	$\frac{7}{16}$	.441
S10 x	25.4	10	4 $\frac{5}{8}$	$\frac{1}{2}$	$\frac{5}{16}$	.311
	35.0	10	5	$\frac{1}{2}$	$\frac{5}{8}$	.594
S12 x	31.8	12	5	$\frac{9}{16}$	$\frac{3}{8}$	.350
	35.0	12	5 $\frac{1}{8}$	$\frac{9}{16}$	$\frac{7}{16}$	.428
S12 x	40.8	12	5 $\frac{1}{4}$	$\frac{11}{16}$	$\frac{7}{16}$	.462
	50.0	12	5 $\frac{1}{2}$	$\frac{11}{16}$	$\frac{11}{16}$	.687
S15 x	42.9	15	5 $\frac{1}{2}$	$\frac{5}{8}$	$\frac{7}{16}$	.411
	50.0	15	5 $\frac{5}{8}$	$\frac{5}{8}$	$\frac{9}{16}$	.550
S18 x	54.7	18	6	$\frac{11}{16}$	$\frac{7}{16}$	.461
	70.0	18	6 $\frac{1}{4}$	$\frac{11}{16}$	$\frac{11}{16}$	.711
S20 x	66.0	20	6 $\frac{1}{4}$	$\frac{13}{16}$	$\frac{1}{2}$	.505
	75.0	20	6 $\frac{3}{8}$	$\frac{13}{16}$	$\frac{5}{8}$	.635
S20 x	86.0	20 $\frac{1}{4}$	7	$\frac{15}{16}$	$\frac{11}{16}$	.660
	96.0	20 $\frac{1}{4}$	7 $\frac{1}{4}$	$\frac{15}{16}$	$\frac{13}{16}$	.800
S24 x	80.0	24	7	$\frac{7}{8}$	$\frac{1}{2}$	.500
	90.0	24	7 $\frac{1}{8}$	$\frac{7}{8}$	$\frac{5}{8}$	.625
	100.0	24	7 $\frac{1}{4}$	$\frac{7}{8}$	$\frac{3}{4}$	.745
S24 x	106.0	24 $\frac{1}{2}$	7 $\frac{7}{8}$	$\frac{11}{16}$	$\frac{5}{8}$	.620
	121.0	24 $\frac{1}{2}$	8	$\frac{11}{16}$	$\frac{13}{16}$	.800