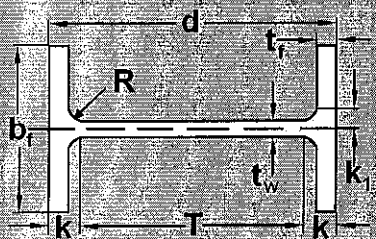


# Nominal Shape Dimensions

# HP8

Comparable Metric Shapes  
HP200's

Prime Section Group	SECTION NAME	Comparable Metric Section	WEIGHT	Area	Depth	Flange		Web Thickness	Detailing Distance*						Fillet Radius*	
						Width	Thickness		MSM			HSM			MSM	HSM
									k	k <sub>1</sub>	T	k	k <sub>1</sub>	T		
in x lbs/ft	mm x kg/m	lbs/ft	in <sup>2</sup>	in	in	in	in	in	in	in	in	in	in	in	in	
8x8	HP8x36	HP200x53	36	10.60	8.02	8.155	0.445	0.445	0.917	0.695	6.186	0.845	0.623	6.330	0.472	0.400



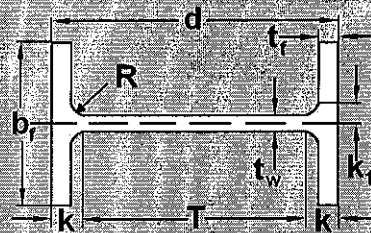
# Nominal Shape Dimensions

# HP10

Comparable Metric Shapes  
HP250's

Prime Section Group	Section Name	Comparable Metric Section	Weight	Area	Depth	Flange		Web Thickness	Detailing Distance			Fillet Radius	
						Width	Thickness		k	k <sub>1</sub>	T	R	R
in x lbs/ft	mm x kg/m	lbs/ft	in <sup>2</sup>	in	in	in	in	in	in	in	in	in	
10x10	HP10x57	HP250x85	57	16.80	9.99	10.225	0.565	0.565	1.222	0.940	7.546	0.657	2/3
	HP10x42	HP250x62	42	12.40	9.70	10.075	0.420	0.415	1.077	0.865	7.546	0.657	2/3





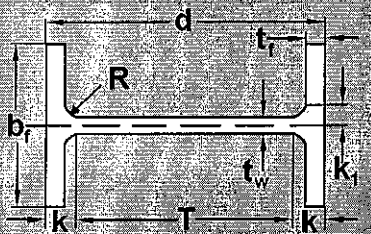
# Nominal Shape Dimensions

# HP12

Comparable Metric Shapes  
HP310's

Prime Section Group	Section Name	Comparable Metric Section	Weight	Area	Depth	Flange		Web Thickness	Detailing Distance			Fillet Radius	
						Width	Thickness		k	k <sub>1</sub>	T	R	
						w	A		d	b <sub>f</sub>	t <sub>f</sub>	t <sub>w</sub>	k
in x lbs/ft	mm x kg/m	lbs/ft	in <sup>2</sup>	in	in	in	in	in	in	in	in	in	
12x12	HP12x117*	HP310x174	117	35.32	12.77	12.870	0.930	0.930	1.717	1.252	9.336	0.787	4/5
	HP12x102*	HP310x153	102	30.88	12.55	12.620	0.820	0.820	1.607	1.197	9.336	0.787	4/5
	HP12x89*	HP310x132	89	26.85	12.35	12.330	0.720	0.720	1.507	1.147	9.336	0.787	4/5
	HP12x84	HP310x125	84	24.60	12.28	12.295	0.685	0.685	1.472	1.130	9.336	0.787	4/5
	HP12x74	HP310x110	74	21.80	12.13	12.215	0.610	0.605	1.397	1.090	9.336	0.787	4/5
	HP12x63	HP310x93	63	18.40	11.94	12.125	0.515	0.515	1.302	1.045	9.336	0.787	4/5
	HP12x53	HP310x79	53	15.50	11.78	12.045	0.435	0.435	1.222	1.005	9.336	0.787	4/5

\* Canadian Sizes



# Nominal Shape Dimensions

# HP14

Comparable Metric Shapes  
HP360's

Prime Section Group	Section Name	Comparable Metric Section	Weight	Area	Depth	Flange		Web Thickness	Detailing Distance			Fillet Radius	
						Width	Thickness		k	k <sub>1</sub>	T	R	
						w	A		d	b <sub>f</sub>	t <sub>f</sub>	t <sub>w</sub>	k
in x lbs/ft	mm x kg/m	lbs/ft	in <sup>2</sup>	in	in	in	in	in	in	in	in	in	
14x14½	HP14x117	HP360x174	117	34.40	14.21	14.885	0.805	0.805	1.592	1.190	11.026	0.787	4/5
	HP14x102	HP360x152	102	30.00	14.01	14.785	0.705	0.705	1.492	1.140	11.026	0.787	4/5
	HP14x89	HP360x132	89	26.10	13.83	14.695	0.615	0.615	1.402	1.095	11.026	0.787	4/5
	HP14x73	HP360x108	73	21.40	13.61	14.585	0.505	0.505	1.292	1.040	11.026	0.787	4/5



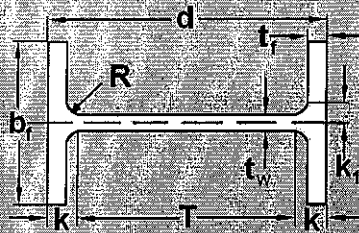
Information Subject to change without prior notification

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# HP16

Comparable Metric Shapes  
HP410's

## Nominal Shape Dimensions



Prime Section Group	Section Name	Comparable Metric Section	Weight	Area	Depth	Flange		Web Thickness	Detailing Distance			Fillet Radius	
						Width	Thickness		k	k <sub>1</sub>	T	R	
						in	in		in	in	in	in	in
16x16	HP16x162	HP410x242	162	47.70	16.25	16.125	1.000	1.000	2.142	1.642	11.966	1.142	1 1/7
	HP16x141	HP410x211	141	41.70	16.00	16.000	0.875	0.875	2.017	1.580	11.966	1.142	1 1/7
	HP16x121	HP410x181	121	35.70	15.75	15.875	0.750	0.750	1.892	1.517	11.966	1.142	1 1/7
	HP16x101	HP410x151	101	29.80	15.50	15.750	0.625	0.625	1.767	1.455	11.966	1.142	1 1/7
	HP16x88	HP410x131	88	25.80	15.33	15.665	0.540	0.540	1.682	1.412	11.966	1.142	1 1/7

