

# W SHAPES QUALITY SPECIFICATIONS

## FLANGE OUT OF SQUARE TOLERANCES

Product	Flange Square (in.)
W4 to W12	0.250
W14	0.313

## WEB OFF CENTER TOLERANCES

Product	W.O.C.	<i>.188" per quadrant</i>
All	0.188	<i>.376" per side (top to bottom)</i>

## MAXIMUM DEPTH AT ANY CROSS SECTION

All W Shapes must not exceed the nominal depth by more than 0.250" at any given cross section.

## CAMBER, SWEEP & LENGTH TOLERANCES

Finish Length (ft.)	Camber (in.) All W Shapes	Sweep (in.)		Finish Length (in.)	
		Flanges < 6"	Flanges ≥ 6"	Under	Over
25	0.313	0.625	0.313	0.00	4.00
30	0.375	0.750	0.375	0.00	4.00
35	0.438	0.875	0.438	0.00	4.00
40	0.500	1.000	0.500	0.00	4.00
42	0.525	1.050	0.525	0.00	4.00
45	0.563	1.125	0.563	0.00	4.00
50	0.625	1.250	0.625	0.00	4.00
55	0.688	1.375	0.688	0.00	4.00
60	0.750	1.500	0.750	0.00	4.00

Camber and Sweep:  $1/8" \times (\text{finish length}/10)$

Note: If the flanges are less than 6" then the sweep tolerance is:  $1/8" \times (\text{finish length} / 5)$

## ENDS OUT OF SQUARE TOLERANCES

W4	0.063
W6	0.094
W8	0.125
W10	0.156
W12	0.188
W14	0.219

Ends Out of Square Tolerance  $1/64"$  per inch of depth or flange width (whichever is greater)

# S, M, C & MC SHAPES QUALITY SPECIFICATIONS

## FLANGE OUT OF SQUARE TOLERANCES

Product	Flange Squareness (in.)
	All

Example: M14x4 has 4" wide flanges; tolerance is  $4 \times 1/32 = 4/32 = 1/8" = 0.125"$

## WEB OFF CENTER TOLERANCES

Product	W.O.C.	
All	0.094	<i>.094" per quadrant</i> <i>.188" per side (top to bottom)</i>

## CAMBER, SWEEP & LENGTH TOLERANCES

Finish Length (ft.)	Camber (in.)	Sweep (in.) <i>(Internal Max)</i>	Finish Length (in.)	
			Under	Over
25	0.625	1.250	0.00	4.00
30	0.750	1.500	0.00	4.00
35	0.875	1.750	0.00	4.00
40	1.000	2.000	0.00	4.00
45	1.125	2.250	0.00	4.00
50	1.250	2.500	0.00	4.00
55	1.375	2.750	0.00	4.00
60	1.500	3.000	0.00	4.00

Camber:  $1/8" \times (\text{finished length} / 5)$

There are no sweep tolerances due to the flexibility of these beams / the above is an internal max.

## ENDS OUT OF SQUARE

1/64" per inch of depth

## **W SHAPES IMPERFECTION QUALITY SPECIFICATIONS**

- If the surface thickness is less than  $3/8''$  then imperfections may be  $1/32''$  in depth
- If the surface thickness is greater than or equal to  $3/8''$  then imperfections may be  $1/16''$  in depth

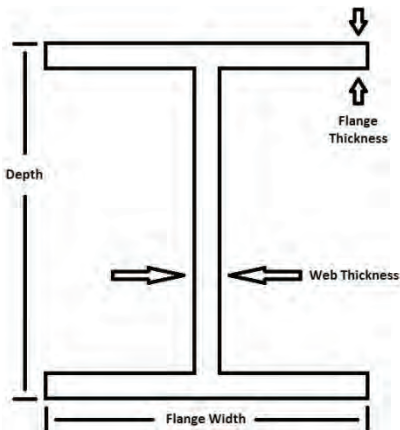
***TWIST IS NOT ACCEPTABLE ON ANY "W" SECTION!***

## **S, M, C & MC SHAPES IMPERFECTION QUALITY SPECIFICATIONS**

- If the surface thickness is greater or equal to  $3/8''$  then imperfections may be  $1/16''$

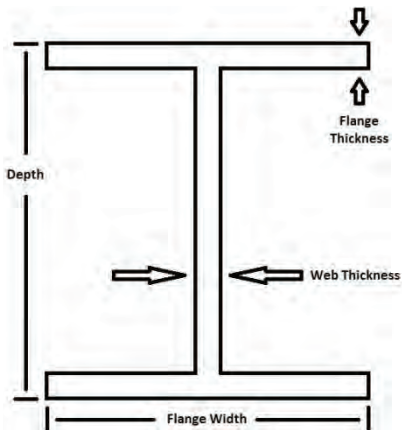
**ACTUAL FLANGE AND WEB THICKNESSES  
VARY DUE TO MILL ROLLING PRACTICES;  
HOWEVER, PERMITTED VARIATIONS FOR  
SUCH DIMENSIONS ARE NOT ADDRESSED.**





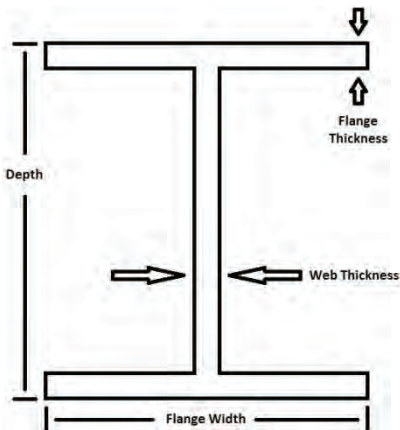
# W4x4x13

	MIN	NOM	MAX
<b>WEIGHT</b>	12.68	13.00	13.33
<b>DEPTH</b>	4.035	4.160	4.285
<b>FLANGE WIDTH</b>	3.873	4.060	4.310
<b>WEB THICKNESS</b>	—	0.280	—
<b>FLANGE THICKNESS</b>	—	0.345	—



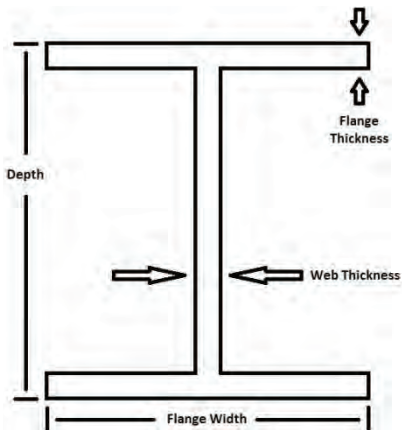
# W5x5x16

	MIN	NOM	MAX
<b>WEIGHT</b>	15.6	16.00	16.4
<b>DEPTH</b>	4.885	5.010	5.135
<b>FLANGE WIDTH</b>	4.813	5.000	5.250
<b>WEB THICKNESS</b>	—	0.240	—
<b>FLANGE THICKNESS</b>	—	0.360	—



# W5x5x19

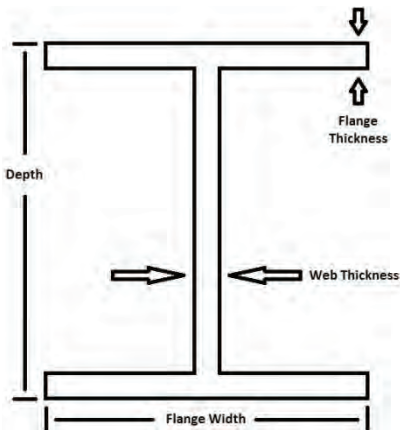
	MIN	NOM	MAX
<b>WEIGHT</b>	18.53	19.00	19.48
<b>DEPTH</b>	5.025	5.150	5.275
<b>FLANGE WIDTH</b>	4.843	5.030	5.280
<b>WEB THICKNESS</b>	—	0.270	—
<b>FLANGE THICKNESS</b>	—	0.430	—



# W6x4x7

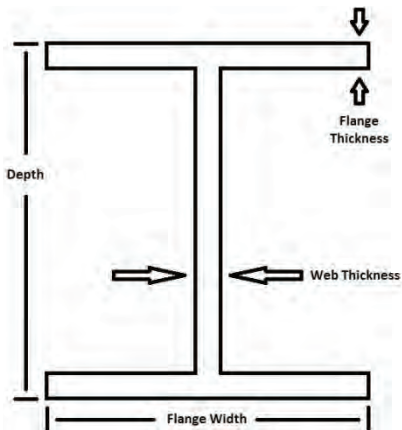
	MIN	NOM	MAX
<b>WEIGHT</b>	6.83	7.00	7.17
<b>DEPTH</b>	5.679	5.772	5.865
<b>FLANGE WIDTH</b>	3.753	3.940	4.190
<b>WEB THICKNESS</b>	—	0.129	—
<b>FLANGE THICKNESS</b>	—	0.165	—





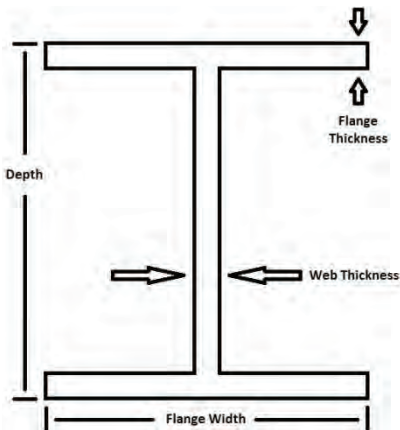
# W6x4x8.5

	MIN	NOM	MAX
<b>WEIGHT</b>	8.29	8.50	8.71
<b>DEPTH</b>	5.705	5.830	5.955
<b>FLANGE WIDTH</b>	3.753	3.940	4.190
<b>WEB THICKNESS</b>	—	0.170	—
<b>FLANGE THICKNESS</b>	—	0.195	—



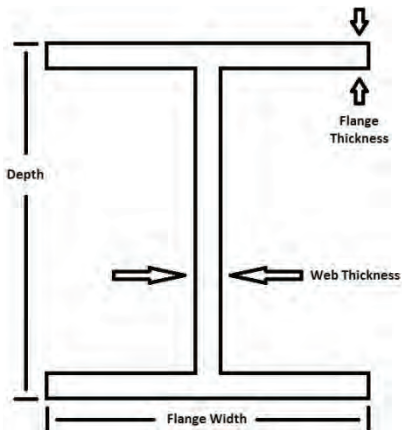
# W6x4x9

	MIN	NOM	MAX
<b>WEIGHT</b>	8.78	9.00	9.23
<b>DEPTH</b>	5.775	5.900	6.025
<b>FLANGE WIDTH</b>	3.753	3.940	4.190
<b>WEB THICKNESS</b>	—	0.170	—
<b>FLANGE THICKNESS</b>	—	0.215	—



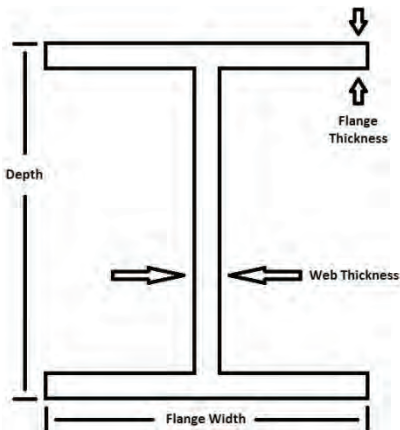
# W6x4x12

	MIN	NOM	MAX
<b>WEIGHT</b>	11.70	12.00	12.30
<b>DEPTH</b>	5.905	6.030	6.155
<b>FLANGE WIDTH</b>	3.813	4.000	4.250
<b>WEB THICKNESS</b>	—	0.230	—
<b>FLANGE THICKNESS</b>	—	0.280	—



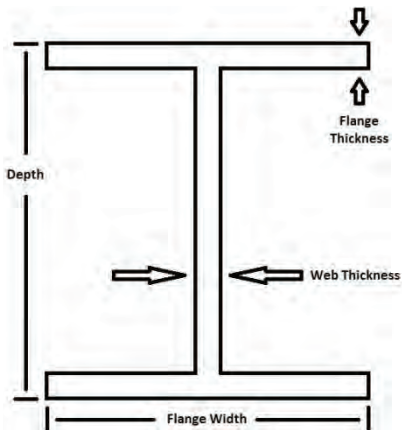
# W6x6x15

	MIN	NOM	MAX
<b>WEIGHT</b>	14.63	15.00	15.38
<b>DEPTH</b>	5.865	5.990	6.115
<b>FLANGE WIDTH</b>	5.803	5.990	6.240
<b>WEB THICKNESS</b>	—	0.230	—
<b>FLANGE THICKNESS</b>	—	0.260	—



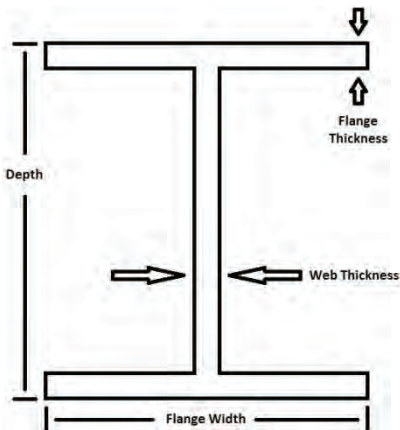
# W6x4x16

	MIN	NOM	MAX
<b>WEIGHT</b>	15.60	16.00	16.40
<b>DEPTH</b>	6.155	6.280	6.405
<b>FLANGE WIDTH</b>	3.843	4.030	4.280
<b>WEB THICKNESS</b>	—	0.260	—
<b>FLANGE THICKNESS</b>	—	0.405	—



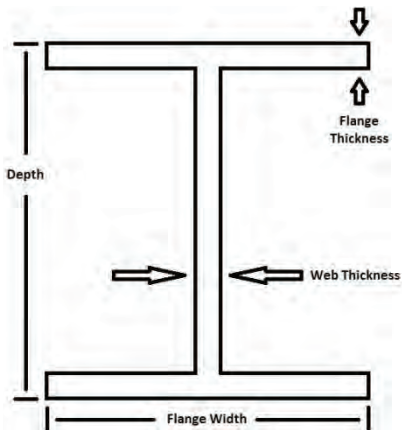
# W6x6x20

	MIN	NOM	MAX
<b>WEIGHT</b>	19.50	20.00	20.50
<b>DEPTH</b>	6.075	6.200	6.325
<b>FLANGE WIDTH</b>	5.833	6.020	6.270
<b>WEB THICKNESS</b>	—	0.260	—
<b>FLANGE THICKNESS</b>	—	0.365	—



# W6x6x25

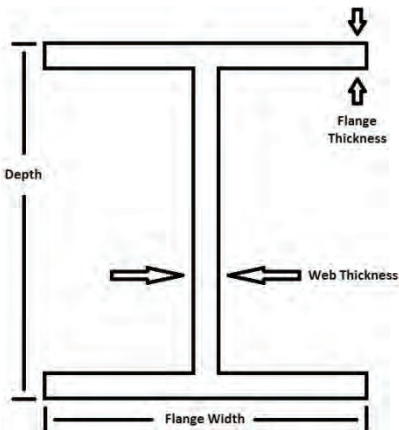
	MIN	NOM	MAX
<b>WEIGHT</b>	24.38	25.00	25.63
<b>DEPTH</b>	6.255	6.380	6.505
<b>FLANGE WIDTH</b>	5.893	6.080	6.330
<b>WEB THICKNESS</b>	—	0.320	—
<b>FLANGE THICKNESS</b>	—	0.455	—



# W8x4x10

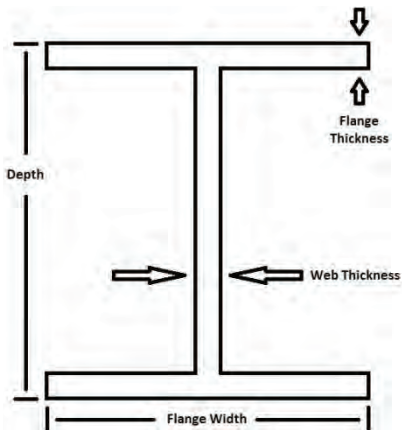
	MIN	NOM	MAX
<b>WEIGHT</b>	9.75	10.00	10.25
<b>DEPTH</b>	7.765	7.890	8.015
<b>FLANGE WIDTH</b>	3.753	3.940	4.190
<b>WEB THICKNESS</b>	—	0.170	—
<b>FLANGE THICKNESS</b>	—	0.205	—





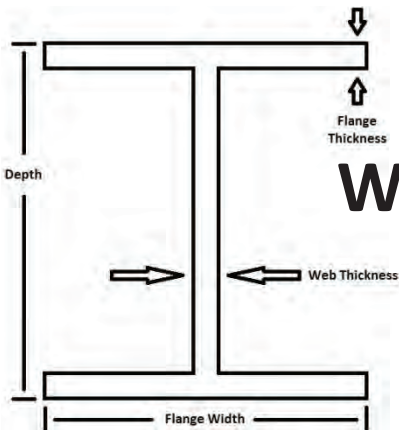
# W8x4x13

	MIN	NOM	MAX
<b>WEIGHT</b>	12.68	13.00	13.33
<b>DEPTH</b>	7.865	7.990	8.115
<b>FLANGE WIDTH</b>	3.813	4.000	4.250
<b>WEB THICKNESS</b>	—	0.230	—
<b>FLANGE THICKNESS</b>	—	0.255	—



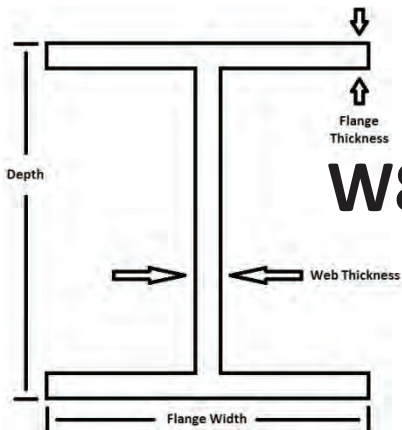
# W8x4x15

	MIN	NOM	MAX
<b>WEIGHT</b>	14.63	15.00	15.38
<b>DEPTH</b>	7.985	8.110	8.235
<b>FLANGE WIDTH</b>	3.828	4.015	4.265
<b>WEB THICKNESS</b>	—	0.245	—
<b>FLANGE THICKNESS</b>	—	0.315	—



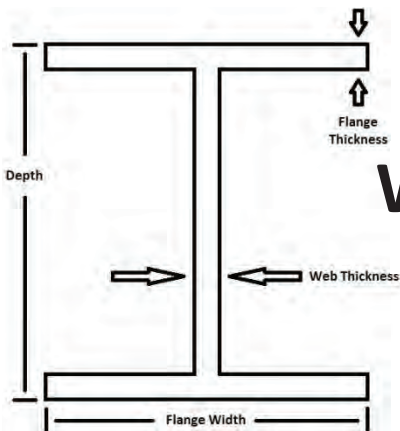
# W8x5.25x18

	MIN	NOM	MAX
<b>WEIGHT</b>	17.55	18.00	18.45
<b>DEPTH</b>	8.015	8.140	8.265
<b>FLANGE WIDTH</b>	5.063	5.250	5.500
<b>WEB THICKNESS</b>	—	0.230	—
<b>FLANGE THICKNESS</b>	—	0.330	—



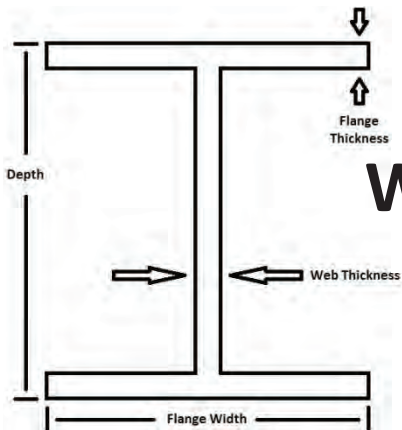
# W8x5.25x21

	MIN	NOM	MAX
<b>WEIGHT</b>	20.48	21.00	21.53
<b>DEPTH</b>	8.155	8.280	8.405
<b>FLANGE WIDTH</b>	5.083	5.270	5.520
<b>WEB THICKNESS</b>	—	0.250	—
<b>FLANGE THICKNESS</b>	—	0.400	—



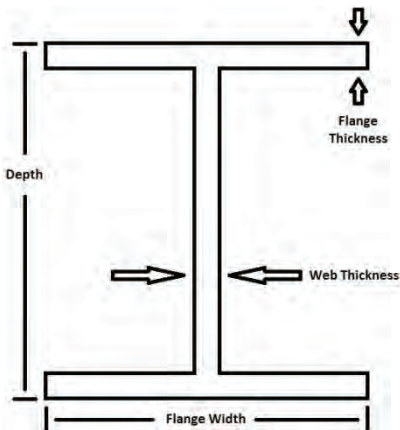
# W8x6.5x24

	MIN	NOM	MAX
<b>WEIGHT</b>	23.40	24.00	24.60
<b>DEPTH</b>	7.805	7.930	8.055
<b>FLANGE WIDTH</b>	6.308	6.495	6.745
<b>WEB THICKNESS</b>	—	0.245	—
<b>FLANGE THICKNESS</b>	—	0.400	—



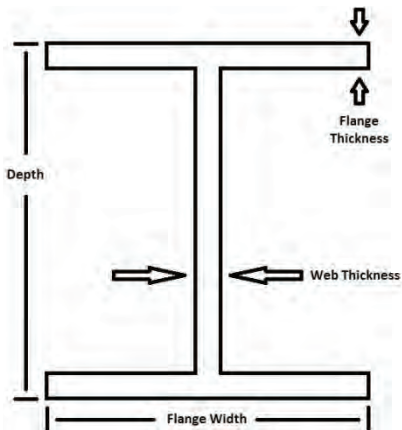
# W8x6.5x28

	MIN	NOM	MAX
<b>WEIGHT</b>	27.30	28.00	28.70
<b>DEPTH</b>	7.935	8.060	8.185
<b>FLANGE WIDTH</b>	6.348	6.535	6.785
<b>WEB THICKNESS</b>	—	0.285	—
<b>FLANGE THICKNESS</b>	—	0.465	—



# W8x8x31

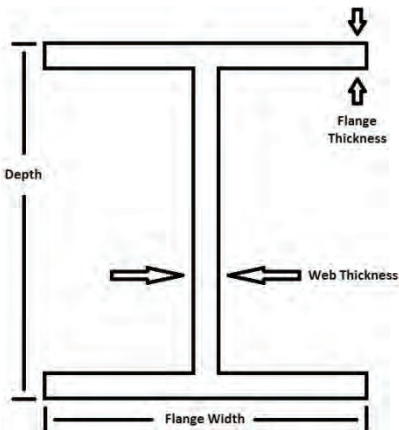
	MIN	NOM	MAX
<b>WEIGHT</b>	30.23	31.00	31.78
<b>DEPTH</b>	7.875	8.000	8.125
<b>FLANGE WIDTH</b>	7.808	7.995	8.245
<b>WEB THICKNESS</b>	—	0.285	—
<b>FLANGE THICKNESS</b>	—	0.435	—



# W8x8x35

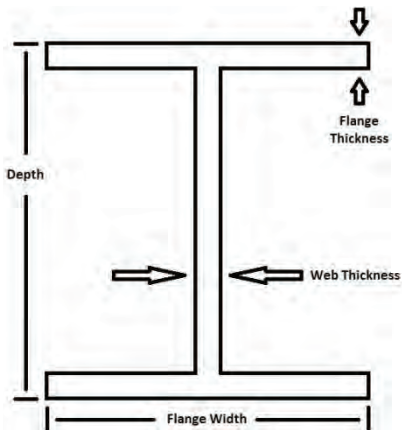
	MIN	NOM	MAX
<b>WEIGHT</b>	34.13	35.00	35.88
<b>DEPTH</b>	7.995	8.120	8.245
<b>FLANGE WIDTH</b>	7.833	8.020	8.270
<b>WEB THICKNESS</b>	—	0.310	—
<b>FLANGE THICKNESS</b>	—	0.495	—





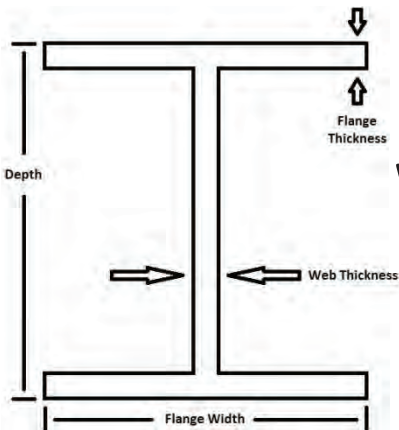
# W8x8x40

	MIN	NOM	MAX
<b>WEIGHT</b>	39.00	40.00	41.00
<b>DEPTH</b>	8.125	8.250	8.375
<b>FLANGE WIDTH</b>	7.883	8.070	8.320
<b>WEB THICKNESS</b>	—	0.360	—
<b>FLANGE THICKNESS</b>	—	0.560	—



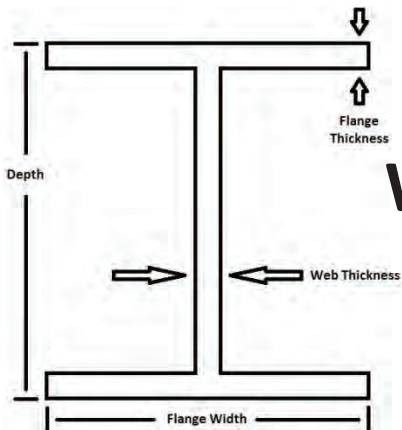
# W8x8x48

	MIN	NOM	MAX
<b>WEIGHT</b>	46.80	48.00	49.20
<b>DEPTH</b>	8.375	8.500	8.625
<b>FLANGE WIDTH</b>	7.923	8.110	8.360
<b>WEB THICKNESS</b>	—	0.400	—
<b>FLANGE THICKNESS</b>	—	0.685	—



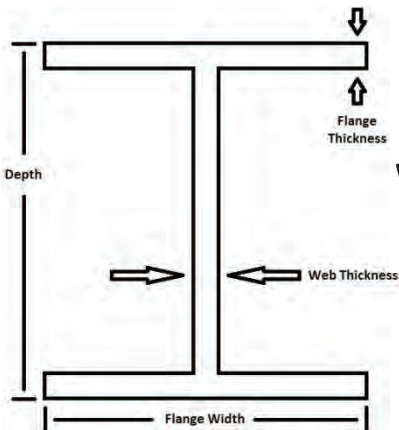
# W10x4x12

	MIN	NOM	MAX
<b>WEIGHT</b>	11.70	12.00	12.30
<b>DEPTH</b>	9.745	9.870	9.995
<b>FLANGE WIDTH</b>	3.773	3.960	4.210
<b>WEB THICKNESS</b>	—	0.190	—
<b>FLANGE THICKNESS</b>	—	0.210	—



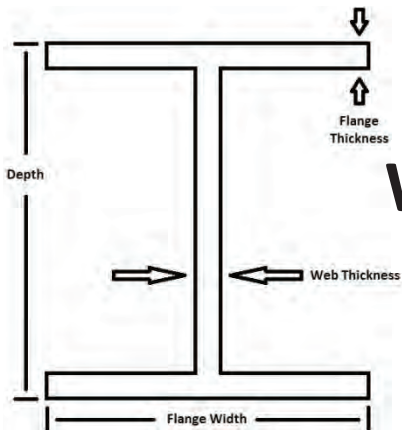
# W10x4x15

	MIN	NOM	MAX
<b>WEIGHT</b>	14.63	15.00	15.38
<b>DEPTH</b>	9.865	9.990	10.115
<b>FLANGE WIDTH</b>	3.813	4.000	4.250
<b>WEB THICKNESS</b>	—	0.230	—
<b>FLANGE THICKNESS</b>	—	0.270	—



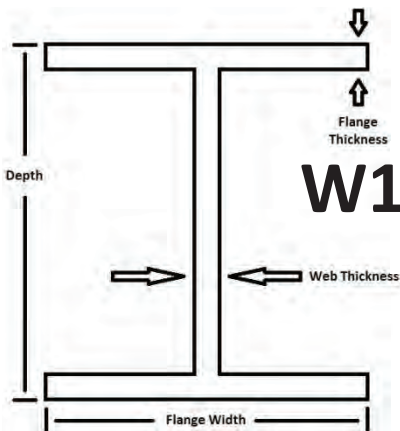
# W10x4x17

	MIN	NOM	MAX
<b>WEIGHT</b>	16.58	17.00	17.43
<b>DEPTH</b>	9.985	10.110	10.235
<b>FLANGE WIDTH</b>	3.823	4.010	4.260
<b>WEB THICKNESS</b>	—	0.240	—
<b>FLANGE THICKNESS</b>	—	0.330	—



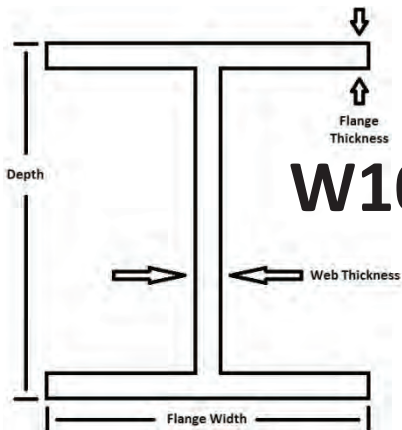
# W10x4x19

	MIN	NOM	MAX
<b>WEIGHT</b>	18.53	19.00	19.48
<b>DEPTH</b>	10.115	10.240	10.365
<b>FLANGE WIDTH</b>	3.833	4.020	4.270
<b>WEB THICKNESS</b>	—	0.250	—
<b>FLANGE THICKNESS</b>	—	0.395	—



# W10x5.75x22

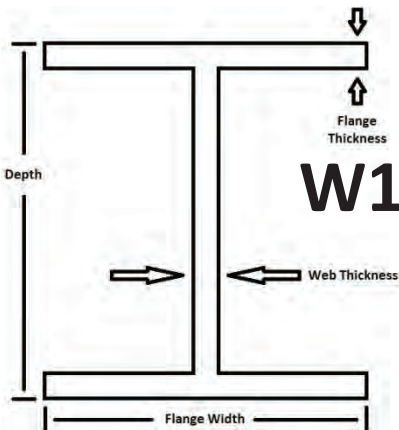
	MIN	NOM	MAX
<b>WEIGHT</b>	21.45	22.00	22.55
<b>DEPTH</b>	10.045	10.170	10.295
<b>FLANGE WIDTH</b>	5.563	5.750	6.000
<b>WEB THICKNESS</b>	—	0.240	—
<b>FLANGE THICKNESS</b>	—	0.360	—



# W10x5.75x26

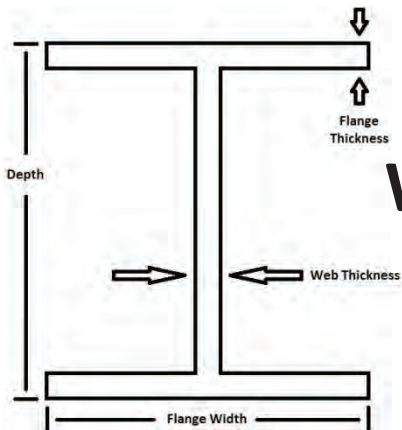
	MIN	NOM	MAX
<b>WEIGHT</b>	25.35	26.00	26.65
<b>DEPTH</b>	10.205	10.330	10.455
<b>FLANGE WIDTH</b>	5.583	5.770	6.020
<b>WEB THICKNESS</b>	—	0.260	—
<b>FLANGE THICKNESS</b>	—	0.440	—





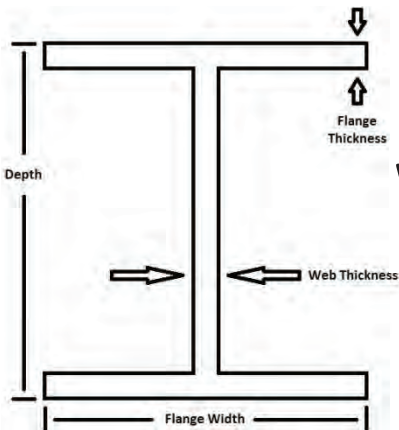
# W10x5.75x30

	MIN	NOM	MAX
<b>WEIGHT</b>	29.25	30.00	30.75
<b>DEPTH</b>	10.345	10.470	10.595
<b>FLANGE WIDTH</b>	5.623	5.810	6.060
<b>WEB THICKNESS</b>	—	0.300	—
<b>FLANGE THICKNESS</b>	—	0.510	—



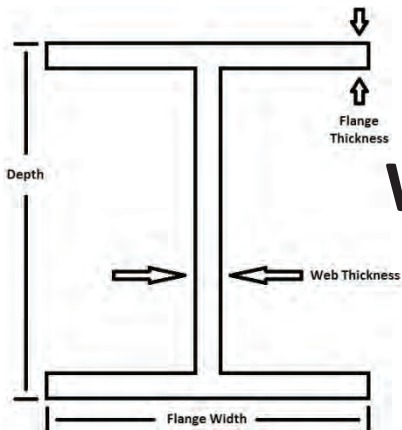
# W10x8x33

	MIN	NOM	MAX
<b>WEIGHT</b>	32.18	33.00	33.83
<b>DEPTH</b>	9.605	9.730	9.855
<b>FLANGE WIDTH</b>	7.773	7.960	8.210
<b>WEB THICKNESS</b>	—	0.290	—
<b>FLANGE THICKNESS</b>	—	0.435	—



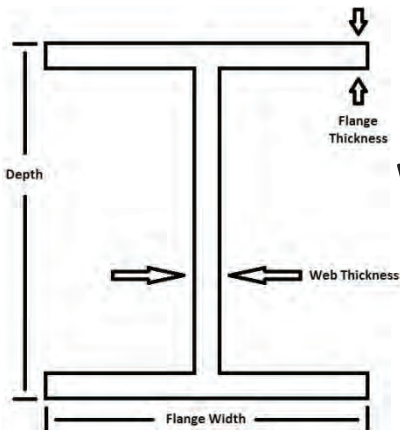
# W10x8x39

	MIN	NOM	MAX
<b>WEIGHT</b>	38.03	39.00	39.98
<b>DEPTH</b>	9.795	9.920	10.045
<b>FLANGE WIDTH</b>	7.798	7.985	8.235
<b>WEB THICKNESS</b>	—	0.315	—
<b>FLANGE THICKNESS</b>	—	0.530	—



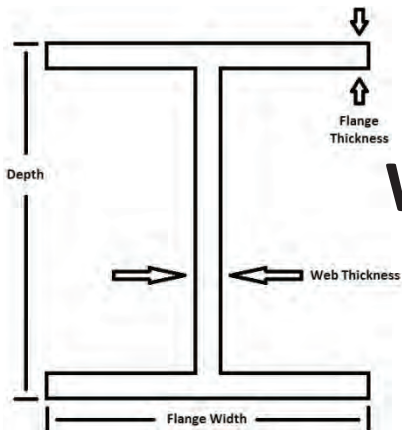
# W10x8x45

	MIN	NOM	MAX
<b>WEIGHT</b>	43.88	45.00	46.13
<b>DEPTH</b>	9.975	10.100	10.225
<b>FLANGE WIDTH</b>	7.833	8.020	8.270
<b>WEB THICKNESS</b>	—	0.350	—
<b>FLANGE THICKNESS</b>	—	0.620	—



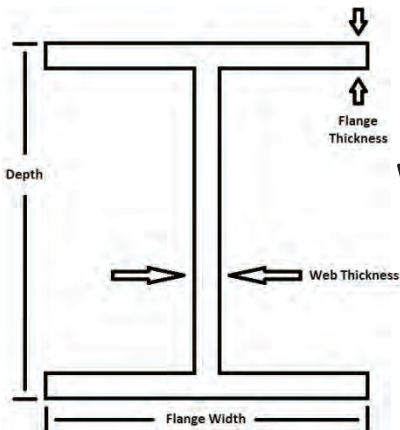
# W12x4x14

	MIN	NOM	MAX
<b>WEIGHT</b>	13.65	14.00	14.35
<b>DEPTH</b>	11.785	11.910	12.035
<b>FLANGE WIDTH</b>	3.783	3.970	4.220
<b>WEB THICKNESS</b>	—	0.200	—
<b>FLANGE THICKNESS</b>	—	0.225	—



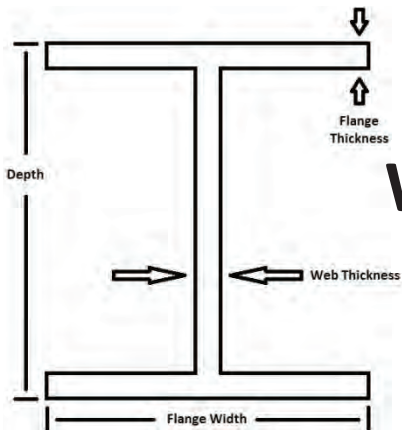
# W12x4x16

	MIN	NOM	MAX
<b>WEIGHT</b>	15.60	16.00	16.40
<b>DEPTH</b>	11.865	11.990	12.115
<b>FLANGE WIDTH</b>	3.803	3.990	4.240
<b>WEB THICKNESS</b>	—	0.220	—
<b>FLANGE THICKNESS</b>	—	0.265	—



# W12x4x19

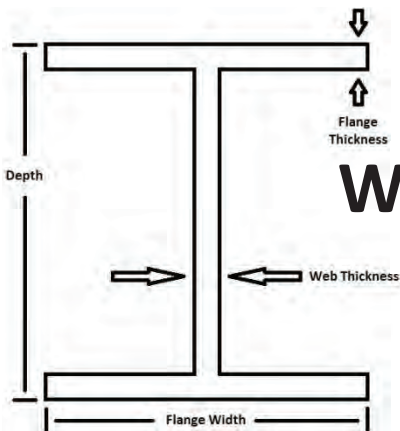
	MIN	NOM	MAX
<b>WEIGHT</b>	18.53	19.00	19.48
<b>DEPTH</b>	12.035	12.160	12.285
<b>FLANGE WIDTH</b>	3.818	4.005	4.255
<b>WEB THICKNESS</b>	—	0.235	—
<b>FLANGE THICKNESS</b>	—	0.350	—



# W12x4x22

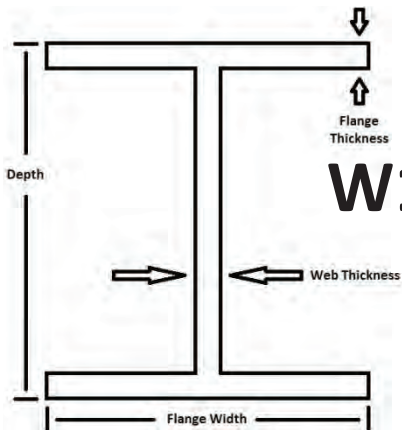
	MIN	NOM	MAX
<b>WEIGHT</b>	21.45	22.00	22.55
<b>DEPTH</b>	12.185	12.310	12.435
<b>FLANGE WIDTH</b>	3.843	4.030	4.280
<b>WEB THICKNESS</b>	—	0.260	—
<b>FLANGE THICKNESS</b>	—	0.425	—





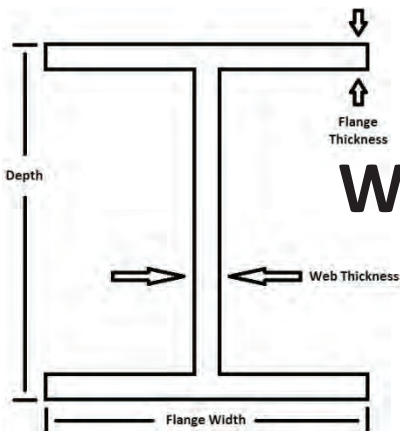
# W12x6.5x26

	MIN	NOM	MAX
<b>WEIGHT</b>	25.35	26.00	26.65
<b>DEPTH</b>	12.095	12.220	12.345
<b>FLANGE WIDTH</b>	6.303	6.490	6.740
<b>WEB THICKNESS</b>	—	0.230	—
<b>FLANGE THICKNESS</b>	—	0.380	—



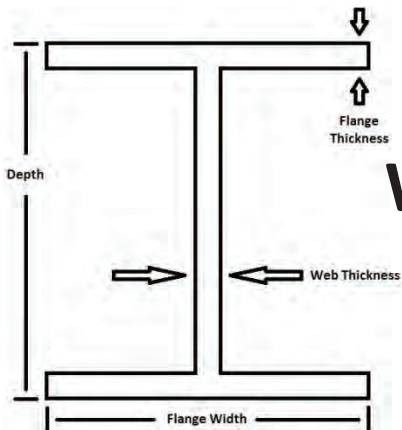
# W12x6.5x30

	MIN	NOM	MAX
<b>WEIGHT</b>	29.25	30.00	30.75
<b>DEPTH</b>	12.215	12.340	12.465
<b>FLANGE WIDTH</b>	6.333	6.520	6.770
<b>WEB THICKNESS</b>	—	0.260	—
<b>FLANGE THICKNESS</b>	—	0.440	—



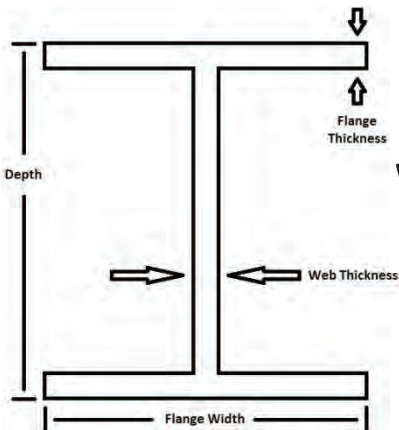
# W12x6.5x35

	MIN	NOM	MAX
<b>WEIGHT</b>	34.13	35.00	35.88
<b>DEPTH</b>	12.375	12.500	12.625
<b>FLANGE WIDTH</b>	6.373	6.560	6.810
<b>WEB THICKNESS</b>	—	0.300	—
<b>FLANGE THICKNESS</b>	—	0.520	—



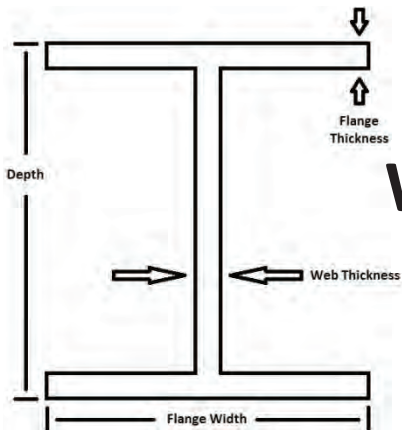
# W12x8x40

	MIN	NOM	MAX
<b>WEIGHT</b>	39.00	40.00	41.00
<b>DEPTH</b>	11.815	11.940	12.065
<b>FLANGE WIDTH</b>	7.818	8.005	8.255
<b>WEB THICKNESS</b>	—	0.295	—
<b>FLANGE THICKNESS</b>	—	0.515	—



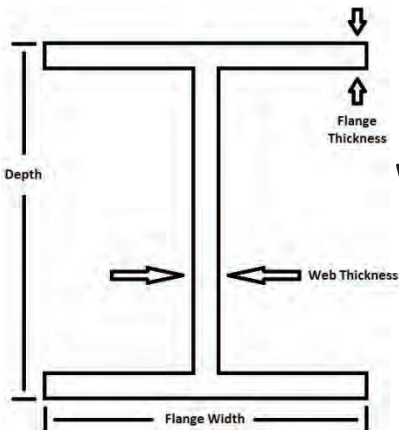
# W12x8x45

	MIN	NOM	MAX
<b>WEIGHT</b>	43.88	45.00	46.13
<b>DEPTH</b>	11.935	12.060	12.185
<b>FLANGE WIDTH</b>	7.858	8.045	8.295
<b>WEB THICKNESS</b>	—	0.335	—
<b>FLANGE THICKNESS</b>	—	0.575	—



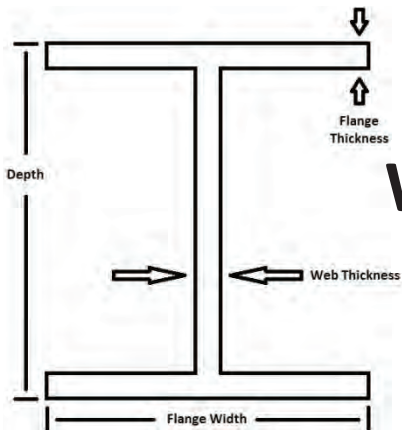
# W12x8x50

	MIN	NOM	MAX
<b>WEIGHT</b>	48.75	50.00	51.25
<b>DEPTH</b>	12.065	12.190	12.315
<b>FLANGE WIDTH</b>	7.893	8.080	8.330
<b>WEB THICKNESS</b>	—	0.370	—
<b>FLANGE THICKNESS</b>	—	0.640	—



# W14x5x22

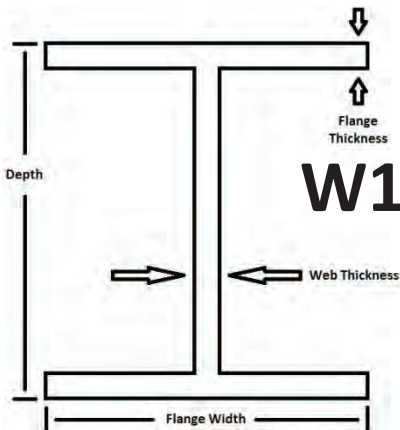
	MIN	NOM	MAX
<b>WEIGHT</b>	21.45	22.00	22.55
<b>DEPTH</b>	13.615	13.740	13.865
<b>FLANGE WIDTH</b>	4.813	5.000	5.250
<b>WEB THICKNESS</b>	—	0.230	—
<b>FLANGE THICKNESS</b>	—	0.335	—



# W14x5x26

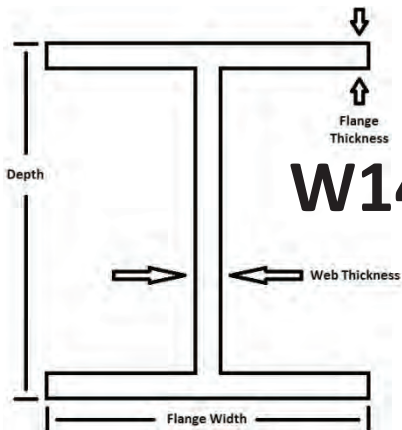
	MIN	NOM	MAX
<b>WEIGHT</b>	25.35	26.00	26.65
<b>DEPTH</b>	13.785	13.910	14.035
<b>FLANGE WIDTH</b>	4.838	5.025	5.275
<b>WEB THICKNESS</b>	—	0.255	—
<b>FLANGE THICKNESS</b>	—	0.420	—





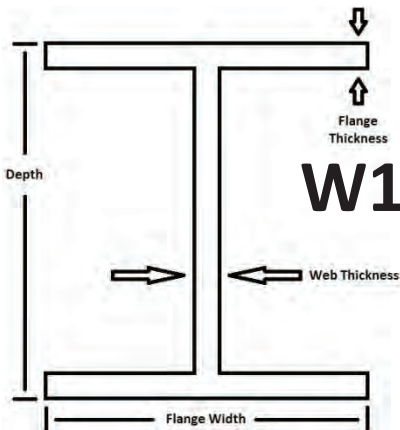
# W14x6.75x30

	MIN	NOM	MAX
<b>WEIGHT</b>	29.25	30.00	30.75
<b>DEPTH</b>	13.715	13.840	13.965
<b>FLANGE WIDTH</b>	6.543	6.730	6.980
<b>WEB THICKNESS</b>	—	0.270	—
<b>FLANGE THICKNESS</b>	—	0.385	—



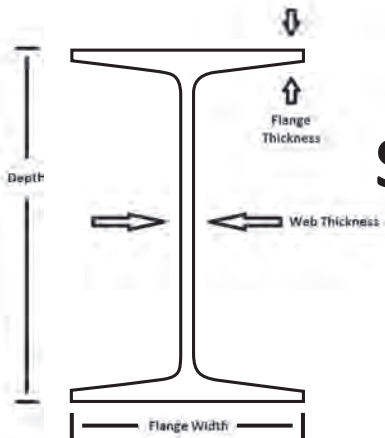
# W14x6.75x34

	MIN	NOM	MAX
<b>WEIGHT</b>	33.15	34.00	34.85
<b>DEPTH</b>	13.855	13.980	14.105
<b>FLANGE WIDTH</b>	6.558	6.745	6.995
<b>WEB THICKNESS</b>	—	0.285	—
<b>FLANGE THICKNESS</b>	—	0.455	—



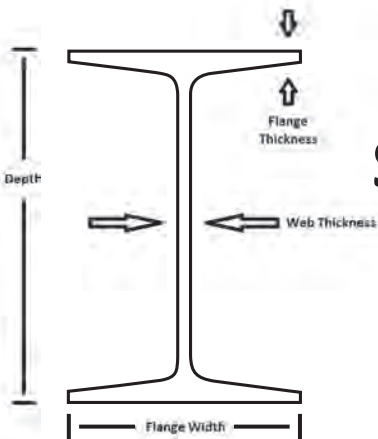
# W14x6.75x38

	MIN	NOM	MAX
<b>WEIGHT</b>	37.05	38.00	38.95
<b>DEPTH</b>	13.975	14.100	14.225
<b>FLANGE WIDTH</b>	6.583	6.770	7.020
<b>WEB THICKNESS</b>	—	0.310	—
<b>FLANGE THICKNESS</b>	—	0.515	—



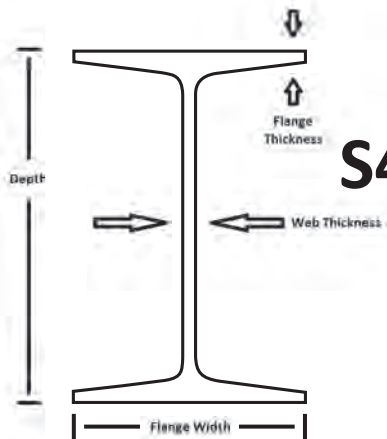
# S3x2.5x5.7

	MIN	NOM	MAX
<b>WEIGHT</b>	5.56	5.7	5.84
<b>DEPTH</b>	2.938	3.000	3.094
<b>FLANGE WIDTH</b>	2.205	2.330	2.455
<b>WEB THICKNESS</b>	—	0.170	—
<b>FLANGE THICKNESS</b>	—	0.260	—



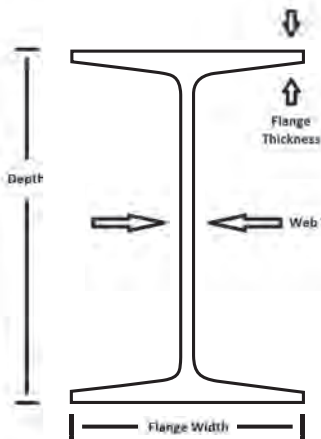
# S3x2.5x7.5

	MIN	NOM	MAX
<b>WEIGHT</b>	7.31	7.5	7.69
<b>DEPTH</b>	2.938	3.000	3.094
<b>FLANGE WIDTH</b>	2.384	2.509	2.634
<b>WEB THICKNESS</b>	—	0.349	—
<b>FLANGE THICKNESS</b>	—	0.260	—



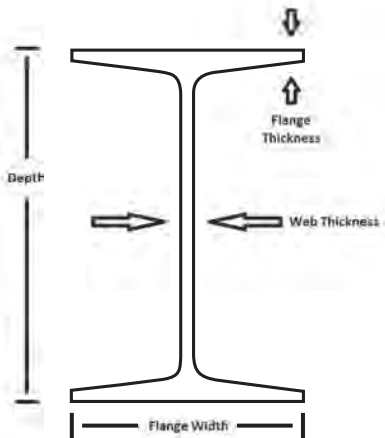
# S4x2.75x7.7

	MIN	NOM	MAX
<b>WEIGHT</b>	7.51	7.70	7.89
<b>DEPTH</b>	3.938	4.000	4.094
<b>FLANGE WIDTH</b>	2.538	2.663	2.788
<b>WEB THICKNESS</b>	—	0.193	—
<b>FLANGE THICKNESS</b>	—	0.293	—



# S4x2.75x9.5

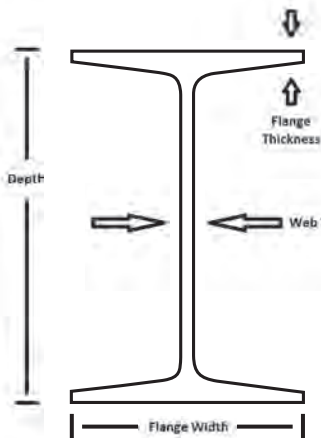
	MIN	NOM	MAX
<b>WEIGHT</b>	9.26	9.50	9.74
<b>DEPTH</b>	3.938	4.000	4.094
<b>FLANGE WIDTH</b>	2.671	2.796	2.921
<b>WEB THICKNESS</b>	—	0.326	—
<b>FLANGE THICKNESS</b>	—	0.293	—



# S5x3x10

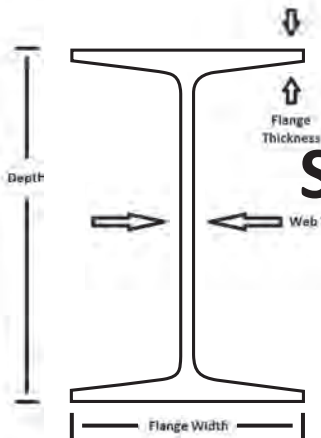
	MIN	NOM	MAX
<b>WEIGHT</b>	9.75	10.00	10.25
<b>DEPTH</b>	4.938	5.000	5.094
<b>FLANGE WIDTH</b>	2.879	3.004	3.129
<b>WEB THICKNESS</b>	—	0.214	—
<b>FLANGE THICKNESS</b>	—	0.326	—





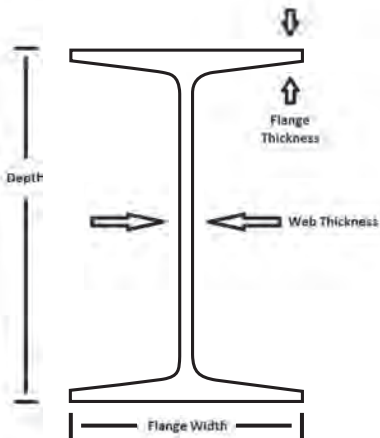
# S6x3.5x12.5

	MIN	NOM	MAX
<b>WEIGHT</b>	12.19	12.50	12.81
<b>DEPTH</b>	5.938	6.000	6.094
<b>FLANGE WIDTH</b>	3.207	3.332	3.457
<b>WEB THICKNESS</b>	—	0.232	—
<b>FLANGE THICKNESS</b>	—	0.359	—



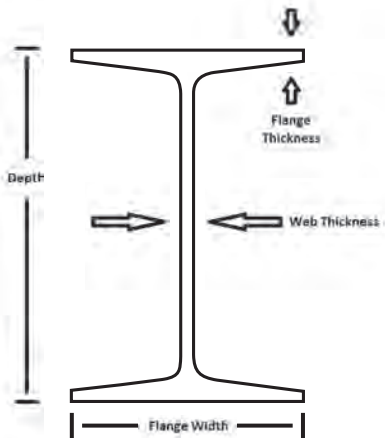
# S6x3.5x17.25

	MIN	NOM	MAX
<b>WEIGHT</b>	16.82	17.25	17.68
<b>DEPTH</b>	5.938	6.000	6.094
<b>FLANGE WIDTH</b>	3.44	3.565	3.690
<b>WEB THICKNESS</b>	—	0.465	—
<b>FLANGE THICKNESS</b>	—	0.359	—



# S8x4x18.4

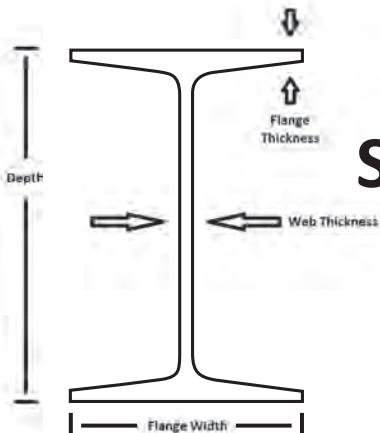
	MIN	NOM	MAX
<b>WEIGHT</b>	17.94	18.40	18.86
<b>DEPTH</b>	7.906	8.000	8.125
<b>FLANGE WIDTH</b>	3.845	4.001	4.157
<b>WEB THICKNESS</b>	—	0.271	—
<b>FLANGE THICKNESS</b>	—	0.425	—



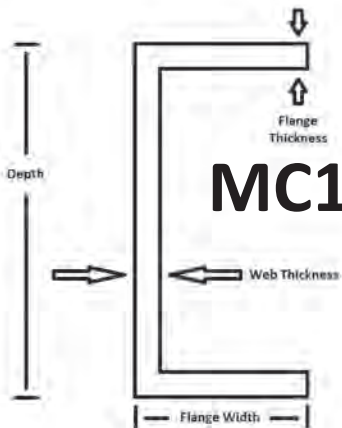
# S8x4x23

	MIN	NOM	MAX
<b>WEIGHT</b>	22.43	23.00	23.58
<b>DEPTH</b>	7.906	8.000	8.125
<b>FLANGE WIDTH</b>	4.015	4.171	4.327
<b>WEB THICKNESS</b>	—	0.441	—
<b>FLANGE THICKNESS</b>	—	0.425	—

# S10x5x25.4

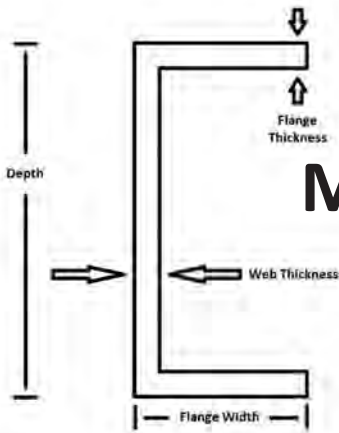


	MIN	NOM	MAX
<b>WEIGHT</b>	24.77	25.40	26.04
<b>DEPTH</b>	9.906	10.00	10.125
<b>FLANGE WIDTH</b>	4.505	4.661	4.817
<b>WEB THICKNESS</b>	—	0.311	—
<b>FLANGE THICKNESS</b>	—	0.491	—



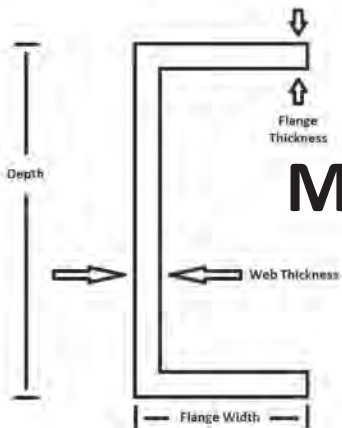
# MC10x1.5x8.4

	MIN	NOM	MAX
<b>WEIGHT</b>	8.19	8.40	8.61
<b>DEPTH</b>	9.906	10.000	10.125
<b>FLANGE WIDTH</b>	1.344	1.500	1.625
<b>WEB THICKNESS</b>	—	0.170	—
<b>FLANGE THICKNESS</b>	—	0.280	—



# MC10x3x22

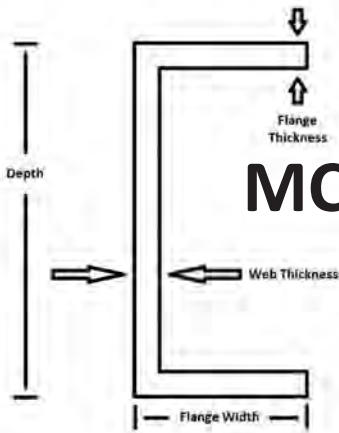
	MIN	NOM	MAX
<b>WEIGHT</b>	21.45	22.00	22.55
<b>DEPTH</b>	9.906	10.000	10.125
<b>FLANGE WIDTH</b>	3.159	3.315	3.440
<b>WEB THICKNESS</b>	—	0.290	—
<b>FLANGE THICKNESS</b>	—	0.575	—



# MC10x3x25

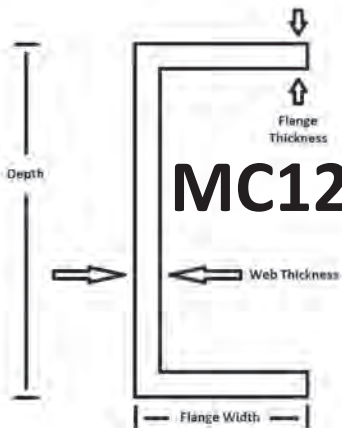
	MIN	NOM	MAX
<b>WEIGHT</b>	24.375	25.000	25.625
<b>DEPTH</b>	9.906	10.000	10.125
<b>FLANGE WIDTH</b>	3.249	3.405	3.530
<b>WEB THICKNESS</b>	—	0.380	—
<b>FLANGE THICKNESS</b>	—	0.575	—





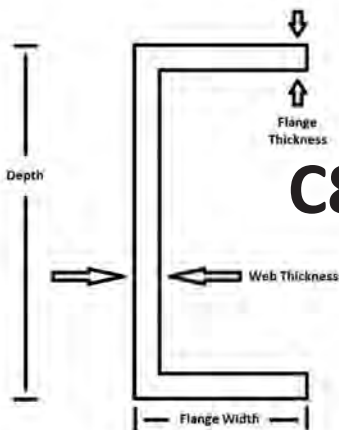
# MC10x4x28.5

	MIN	NOM	MAX
<b>WEIGHT</b>	27.79	28.50	29.21
<b>DEPTH</b>	9.906	10.000	10.125
<b>FLANGE WIDTH</b>	3.794	3.950	4.075
<b>WEB THICKNESS</b>	—	0.425	—
<b>FLANGE THICKNESS</b>	—	0.575	—



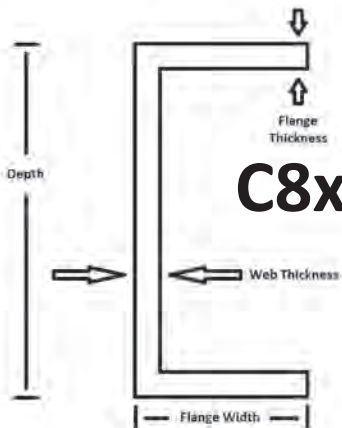
# MC12x1.5x10.6

	MIN	NOM	MAX
<b>WEIGHT</b>	10.34	10.6	10.87
<b>DEPTH</b>	11.906	12.000	12.125
<b>FLANGE WIDTH</b>	1.344	1.500	1.625
<b>WEB THICKNESS</b>	—	0.190	—
<b>FLANGE THICKNESS</b>	—	0.309	—



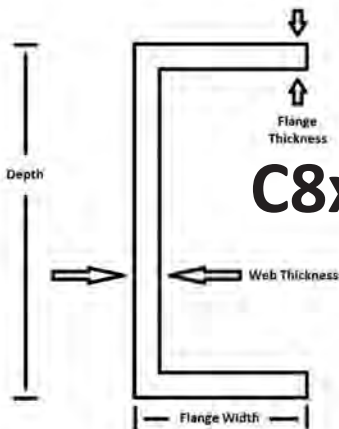
# C8x2.5x11.5

	MIN	NOM	MAX
<b>WEIGHT</b>	11.21	11.50	11.79
<b>DEPTH</b>	7.906	8.000	8.125
<b>FLANGE WIDTH</b>	2.104	2.260	2.385
<b>WEB THICKNESS</b>	—	0.220	—
<b>FLANGE THICKNESS</b>	—	0.390	—



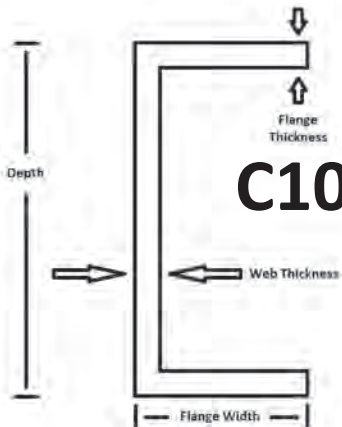
# C8x2.5x13.75

	MIN	NOM	MAX
<b>WEIGHT</b>	13.41	13.75	14.09
<b>DEPTH</b>	7.906	8.000	8.125
<b>FLANGE WIDTH</b>	2.187	2.343	2.468
<b>WEB THICKNESS</b>	—	0.303	—
<b>FLANGE THICKNESS</b>	—	0.390	—



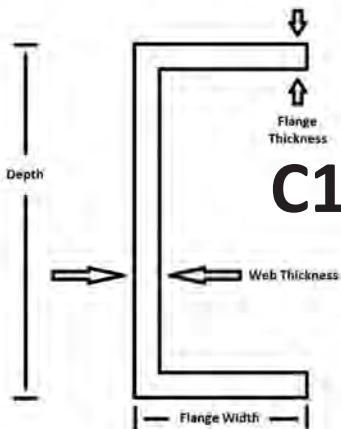
# C8x2.5x18.75

	MIN	NOM	MAX
<b>WEIGHT</b>	18.28	18.75	19.22
<b>DEPTH</b>	7.906	8.000	8.125
<b>FLANGE WIDTH</b>	2.371	2.527	2.652
<b>WEB THICKNESS</b>	—	0.487	—
<b>FLANGE THICKNESS</b>	—	0.390	—



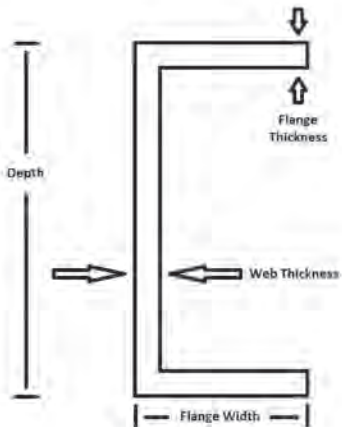
# C10x2.5x15.3

	MIN	NOM	MAX
<b>WEIGHT</b>	14.92	15.30	15.68
<b>DEPTH</b>	9.906	10.00	10.125
<b>FLANGE WIDTH</b>	2.444	2.600	2.725
<b>WEB THICKNESS</b>	—	0.240	—
<b>FLANGE THICKNESS</b>	—	0.436	—



# C10x2.75x20

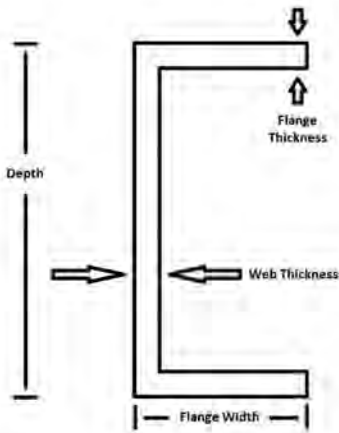
	MIN	NOM	MAX
<b>WEIGHT</b>	19.50	20.00	20.50
<b>DEPTH</b>	9.906	10.00	10.125
<b>FLANGE WIDTH</b>	2.583	2.739	2.864
<b>WEB THICKNESS</b>	—	0.379	—
<b>FLANGE THICKNESS</b>	—	0.436	—



# C10x3x25

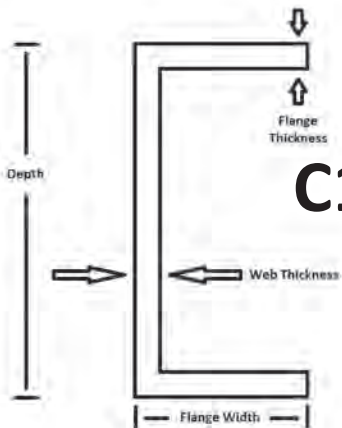
	MIN	NOM	MAX
<b>WEIGHT</b>	24.38	25.00	25.63
<b>DEPTH</b>	9.906	10.00	10.125
<b>FLANGE WIDTH</b>	2.730	2.886	3.011
<b>WEB THICKNESS</b>	—	0.526	—
<b>FLANGE THICKNESS</b>	—	0.436	—





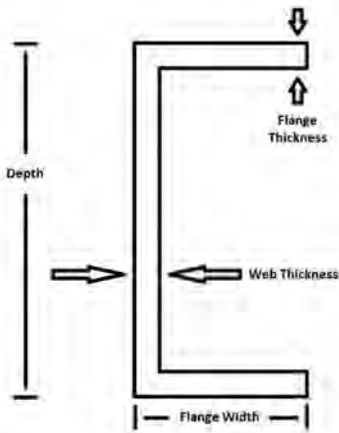
# C10x30

	MIN	NOM	MAX
<b>WEIGHT</b>	29.25	30.00	30.75
<b>DEPTH</b>	9.906	10.00	10.125
<b>FLANGE WIDTH</b>	2.877	3.033	3.158
<b>WEB THICKNESS</b>	—	0.673	—
<b>FLANGE THICKNESS</b>	—	0.436	—



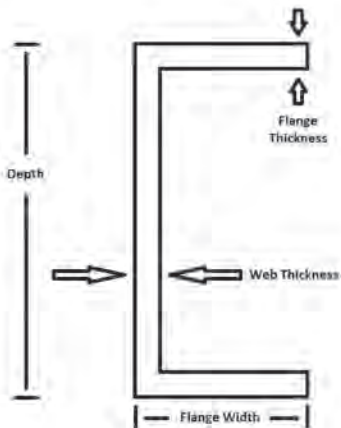
# C12x3x20.7

	MIN	NOM	MAX
<b>WEIGHT</b>	20.18	20.70	21.22
<b>DEPTH</b>	11.906	12.000	12.125
<b>FLANGE WIDTH</b>	2.786	2.942	3.067
<b>WEB THICKNESS</b>	—	0.285	—
<b>FLANGE THICKNESS</b>	—	0.501	—



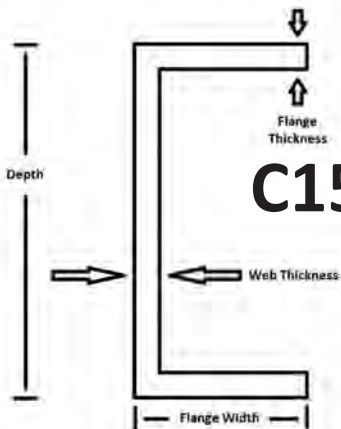
# C12x3x25

	MIN	NOM	MAX
<b>WEIGHT</b>	24.38	25.00	25.63
<b>DEPTH</b>	11.906	12.000	12.125
<b>FLANGE WIDTH</b>	2.891	3.047	3.172
<b>WEB THICKNESS</b>	—	0.387	—
<b>FLANGE THICKNESS</b>	—	0.501	—



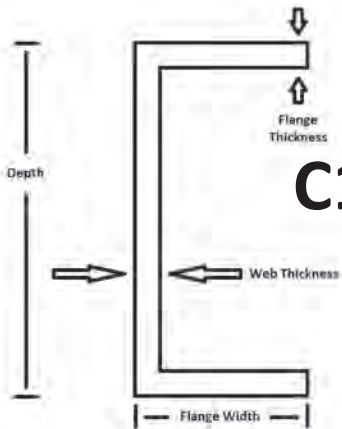
# C12x3x30

	MIN	NOM	MAX
<b>WEIGHT</b>	29.25	30.00	30.75
<b>DEPTH</b>	11.906	12.000	12.125
<b>FLANGE WIDTH</b>	3.014	3.170	3.295
<b>WEB THICKNESS</b>	—	0.510	—
<b>FLANGE THICKNESS</b>	—	0.501	—



# C15x3.5x33.9

	MIN	NOM	MAX
<b>WEIGHT</b>	33.05	33.90	34.75
<b>DEPTH</b>	14.875	15.000	15.1875
<b>FLANGE WIDTH</b>	3.2125	3.400	3.525
<b>WEB THICKNESS</b>	—	0.400	—
<b>FLANGE THICKNESS</b>	—	0.650	—



# C15x3.5x40

	MIN	NOM	MAX
<b>WEIGHT</b>	39.00	40.00	41.00
<b>DEPTH</b>	14.875	15.000	15.1875
<b>FLANGE WIDTH</b>	3.3325	3.520	3.645
<b>WEB THICKNESS</b>	—	0.520	—
<b>FLANGE THICKNESS</b>	—	0.650	—