

# Structural Shapes

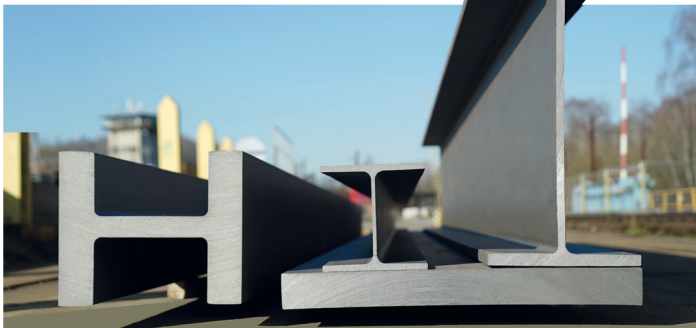


ArcelorMittal is the world's leading producer of structural steel shapes and has more than 75 years of experience supplying the United States, Mexico and Canada. With an expansive network of operations, global research and development centers, as well as a dedicated sales team, we are prepared to provide the steel solutions you need.

With shipping capabilities to many ports in North America, the widest range of steel sections available on the market, and the ability to produce steel sections with 100% renewable electricity, ArcelorMittal has the tools to make your next project a success.



In addition, we have the capability of producing a wide range of ASTM A913 high strength steel sections, allowing designers to increase efficiency, lower costs and reduce embodied carbon.



## Grade availability

Our most commonly supplied specifications in North America are: A913, A992, A709, A572, A588 and dual certified A572/A992.

We are also equipped to produce most sections to meet CSA standards. Weathering steel, material meeting low temperature CVN requirements and additional grades are available upon request.

## Length capabilities

Standard shipping lengths are 30 to 60 feet and can be ordered in four-inch increments. Other lengths, ranging from more than 60 feet up to 90 feet, are available subject to agreement. Extra long lengths can be supplied subject to special conditions.

## Towards carbon neutral steel

XCarb® recycled and renewably produced applies to products made via the Electric Arc Furnace route using 100% recycled steel and 100% renewable electricity.

The combination of recycled content and renewable energy allows us to offer steels with very low levels of CO<sub>2</sub> emissions per ton of finished steel. Additionally, each ton of XCarb® recycled and renewably produced is externally certified, which guarantees the electrical energy used to make the steel came from renewable sources.



For complete information on shipping, grade availability, length capabilities or for response to any other questions, please contact us: [sections.northamerica@arcelormittal.com](mailto:sections.northamerica@arcelormittal.com)

# Rolling Program (imperial)

## "W" shape

Section	Footweight (lb/ft)															
W 44 x 16	408	368	335	290	262	230										
W 40 x 16	655	593	503	431	397	372	362	324	297	277	249	215	199			
W 40 x 12	392	331	327	294	278	264	235	211	183	167	149					
W 36 x 16.5	925	853	802	723	652	529	487	441	395	361	330	302	282	262	247	231
W 36 x 12	387	350	318	286	256	232	210	194	182	170	160	150	135			
W 33 x 15.75	387	354	318	291	263	241	221	201								
W 33 x 11.5	169	152	141	130	118											
W 30 x 15	391	357	326	292	261	235	211	191	173							
W 30 x 10.5	148	132	124	116	108	99	90									
W 27 x 14	539	368	336	307	281	258	235	217	194	178	161	146				
W 27 x 10	129	114	102	94	84											
W 24 x 12.75	370	335	306	279	250	229	207	192	176	162	146	131	117	104		
W 24 x 9	103	94	84	76	68											
W 24 x 7	62	55														
W 21 x 12.25	275	248	223	201	182	166	147	132	122	111	101					
W 21 x 8.25	93	83	73	68	62	55	48									
W 21 x 6.5	57	50	44													
W 18 x 11	311	283	258	234	211	192	175	158	143	130	119	106	97	86	76	
W 18 x 7.5	71	65	60	55	50											
W 18 x 6	46	40	35													
W 16 x 10.25	100	89	77	67												
W 16 x 7	57	50	45	40	36											
W 16 x 5.5	31	26														
W 14 x 16	1000	930	873	808	730	665	605	550	500	455	426	398	370	342	311	283
W 14 x 16	257	233	211	193	176	159	145									
W 14 x 14.5	132	120	109	99	90											
W 14 x 10	82	74	68	61												
W 14 x 8	53	48	43													
W 14 x 6.75	38	34	30													
W 14 x 5	26	22														
W 12 x 12	336	305	279	252	230	210										
W 12 x 12	190	170	152	136	120	106	96	87	79	72	65					
W 12 x 10	58	53														
W 12 x 8	50	45	40													
W 12 x 6.5	35	30	26													
W 12 x 4	22	19	16	14												
W 10 x 10	112	100	88	77	68	60	54	49								
W 10 x 8	45	39	33													
W 10 x 5.75	30	26	22													
W 10 x 4	19	17	15	12												
W 8 x 8	67	58	48	40	35	31										
W 8 x 6.5	28	24														
W 8 x 5.25	21	18														
W 8 x 4	15	13	10													
W 6 x 6	25	20	15													
W 6 x 4	16	12	9													
W 5 x 5	19	16														
W 4 x 4	13															

Sections available in ASTM A913 Grades 50 & 65

Sections available in ASTM A913 Grades 50, 65 & 70

Sections available in ASTM A913 Grades 50, 65, 70 & 80

## "L" Shapes

Section	Thickness (in)				
L 12 x 12	1-3/8	1-1/4	1-1/8	1	
L 10 x 10	1-3/8	1-1/4	1-1/8	1	7/8
L 10 x 10	3/4				
L 8 x 8	1-1/8	1	7/8	3/4	
L 8 x 8	5/8	9/16	1/2		
L 6 x 6	1	7/8	3/4	5/8	9/16
L 6 x 6	1/2	7/16	3/8	5/16	
L 5 x 5	5/8	1/2	7/16	3/8	5/16
L 4 x 4	7/16	3/8	5/16		
L 3 x 3.5	3/8	5/16	1/4		
L 3 x 3	3/8	5/16	1/4		
L 2 x 2	1/4	3/16			

## "S" Shapes

Section	Footweight (lb/ft)				
S 24	121	106	100	90	80
S 20	96	86	75	66	
S 18	70	54.7			
S 15	50	42.9			
S 12	50	40.8	35	31.8	
S 10	35	25.4			
S 8	23	18.4			
S 6	17.25	12.5			
S 5	10				
S 4	9.5	7.7			
S 3	7.5	5.7			

## "MC" Shapes

Section	Footweight (lb/ft)				
MC 18	58	51.9	45.8	42.7	
MC 12	50	45	40	35	31
MC 10	41.1	33.6	28.5	25	22
MC 9	25.4	23.9			
MC 8	22.8	21.4	20	18.7	
MC 7	22.7	19.1			
MC 6	18	16.3	15.3		

## "C" Shapes

Section	Footweight (lb/ft)		
C 15	33.9	40	50
C 12	30	25	20.7
C 10	25	20	15.3
C 8	13.75	11.5	