

STRUCTURAL SHAPES

AVAILABLE INVENTORY



CUSTOM PROFILES

INFINITE SOLUTIONS



LASER FUSION TECHNOLOGY
HOT ROLLING & COLD WORKING



**Stainless
Structurals**

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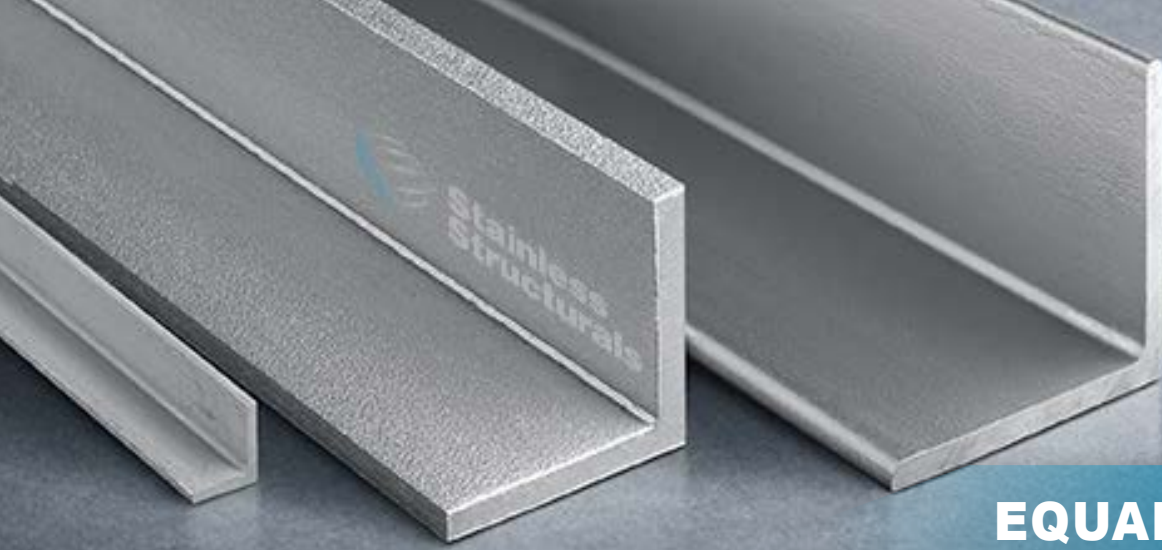
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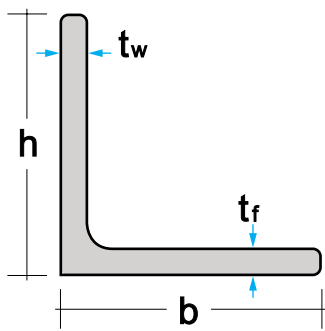
Stainless Structurals

PRODUCT CATALOG

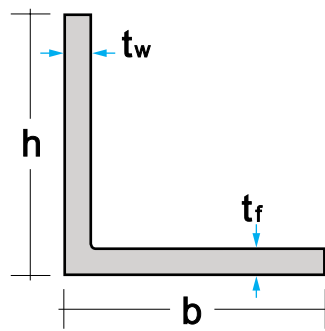
2020



EQUAL LEG ANGLES



HOT ROLLED



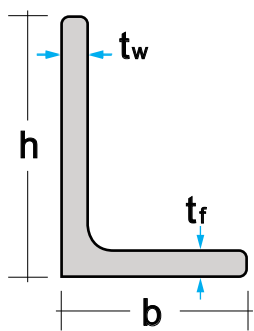
**LASER FUSED
COLD DRAWN**

Shape	Leg 1		Leg 2	
	h	tw	b	tf
Hot Rolled				
EA 1/2x1/2x1/8	0.5	0.125	0.5	0.125
EA 2X2X1/4	2	0.25	2	0.25
EA 2X2X3/8	2	0.375	2	0.375
EA 2-1/2x2-1/2x1/4	2.5	0.25	2.5	0.25
EA 3X3X1/4	3	0.25	3	0.25
EA 3X3X3/8	3	0.375	3	0.375
EA 4X4X1/4	4	0.25	4	0.25
EA 4X4X3/8	4	0.375	4	0.375
EA 4X4X1/2	4	0.5	4	0.5

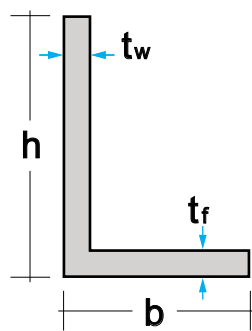
Shape	Leg 1		Leg 2	
	h	tw	b	tf
Cold Drawn Bright Surface 304/L				
EA 15x15x3	0.59	0.118	0.59	0.118
EA 25x25x3	0.98	0.118	0.98	0.118
EA 30x30x3	1.18	0.118	1.18	0.118
EA 40x40x3	1.57	0.118	1.57	0.118
EA 50x50x3	1.97	0.118	1.97	0.118
Laser Fused				
EA 5x5x1/4	5	0.25	5	0.25
EA 5x5x3/8	5	0.375	5	0.375
EA 5x5x1/2	5	0.5	5	0.5
EA 6x6x1/4	6	0.25	6	0.25
EA 6x6x3/8	6	0.375	6	0.375
EA 6x6x1/2	6	0.5	6	0.5
EA 8x8x3/8	8	0.375	8	0.375
EA 8x8x1/2	8	0.5	8	0.5
Duplex 2205 Laser Fused				
EA 2x2x1/4	2	0.25	2	0.25
EA 3x3x1/4	3	0.25	3	0.25
EA 3x3x3/8	3	0.375	3	0.375
EA 4x4x1/4	3	0.25	4	0.25
EA 4x4x3/8	3	0.375	4	0.375



UNEQUAL LEG ANGLES

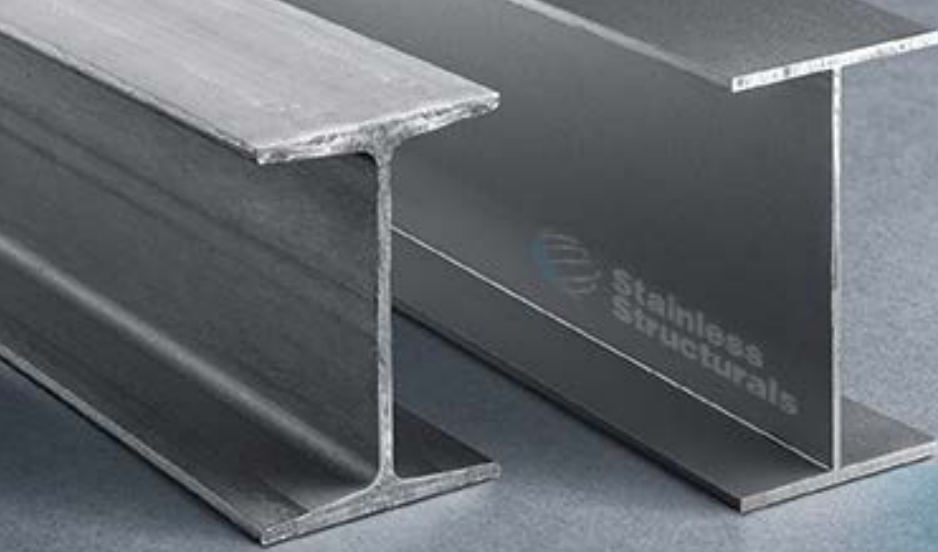


HOT ROLLED

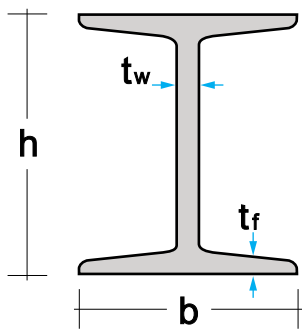


LASER FUSED

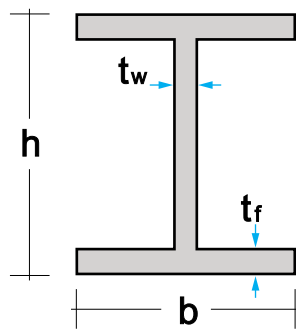
Shape	Leg 1		Leg 2	
	h	tw	b	tf
Hot Rolled				
UA 2x1x1/4	2	0.25	1	0.25
UA 3x1-1/2x1/4	3	0.25	1.5	0.25
UA 3x2x3/16	3	0.187	2	0.187
UA 3x2x1/4	3	0.25	2	0.25
UA 3x2x3 /8	3	0.375	2	0.375
UA 4x3x1/4	4	0.25	3	0.25
UA 4x3x3/8	4	0.375	3	0.375
UA 5x3x1/4	5	0.25	3	0.25
UA 5x3x3/8	5	0.375	3	0.375
UA 6x3x3/8	6	0.375	3	0.375
UA 6x4x3/8	6	0.375	4	0.375
UA 6x4x1/2	6	0.5	4	0.5
Laser Fused				
UA 6x3x1/4	6	0.25	3	0.25
UA 6x4x1/4	6	0.25	4	0.25
UA 8x4x1/4	8	0.25	4	0.25
UA 8x4x3/8	8	0.375	4	0.375
UA 8x4x1/2	8	0.375	4	0.375
UA 8x6x3/8	8	0.375	6	0.375
UA 8x6x1/2	8	0.5	6	0.5



STANDARD BEAMS



HOT ROLLED



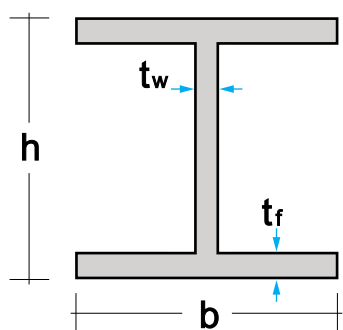
LASER FUSED

Shape	Leg 1		Leg 2	
	h	tw	b	tf
Hot Rolled or Extruded (Tapered)				
S 3x5.7	3	0.17	2.33	0.26
S 4x7.7	4	0.193	2.66	0.293
S 5x10	5	0.214	3	0.326
S 6x12.5	6	0.232	3.33	0.359
Laser Fused				
S 3x7.50	3	0.349	2.51	0.26
S 4x9.50	4	0.326	2.8	0.293
S 6x17.25	6	0.465	3.57	0.359
S 8x18.4	8	0.271	4	0.425
S 8x23	8	0.441	4.17	0.425
S 10x25.4	10	0.311	4.66	0.491
S 10x35.0	10	0.594	4.94	0.491
S 12x31.8	12	0.35	5	0.544
S 12x35.0	12	0.428	5.08	0.544
S 12x40.8	12	0.462	5.25	0.659
S 12x50.0	12	0.687	5.48	0.659
S 15x42.9	15	0.411	5.5	0.622
S 15x50.0	15	0.55	5.64	0.622





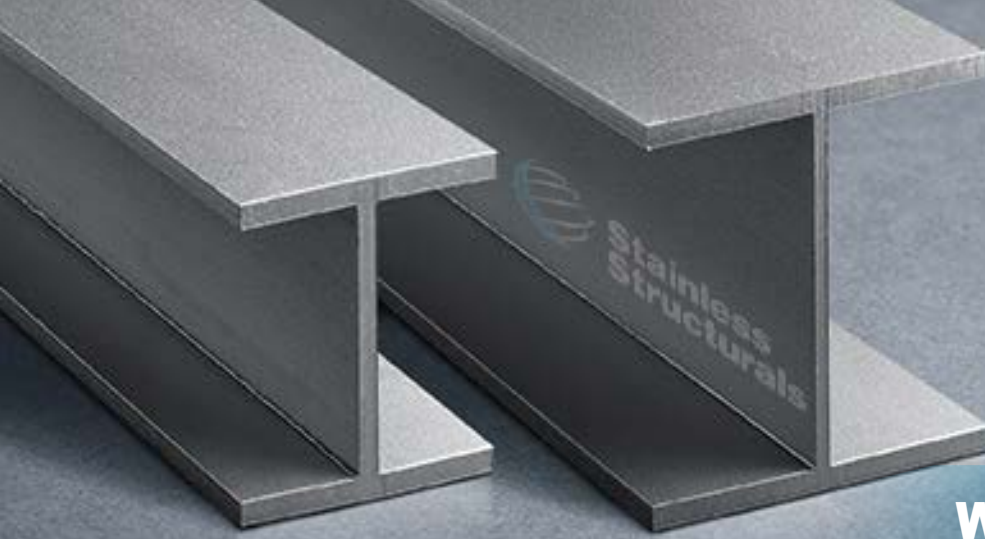
WIDE FLANGE BEAMS



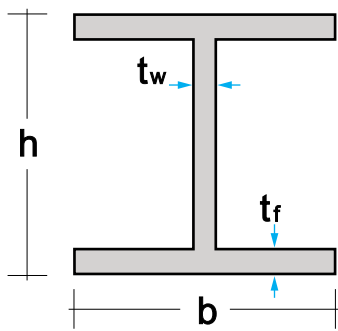
LASER FUSED

Shape	Web		Flange	
	h	t _w	b	t _f
Laser Fused				
W 4x13	4.16	0.28	4.06	0.345
W 5x16	5.01	0.24	5	0.36
W 5x19	5.15	0.27	5.03	0.43
W 6x9	5.9	0.17	3.94	0.215
W 6x12	6.03	0.23	4	0.28
W 6x15	5.99	0.23	5.99	0.26
W 6x16	6.28	0.26	4.03	0.405
W 6x20	6.20	0.26	6.02	0.365
W 6x25	6.38	0.32	6.08	0.455
W 8x10	7.89	0.17	3.94	0.205
W 8x13	7.99	0.23	4	0.255
W 8x15	8.11	0.245	4.02	0.315
W 8x18	8.14	0.23	5.25	0.33
W 8x21	8.28	0.25	5.27	0.4

Shape	Web		Flange	
	h	t _w	b	t _f
Laser Fused				
W 8x24	7.93	0.245	6.5	0.4
W 8x28	8.06	0.285	6.54	0.465
W 8x31	8	0.285	8	0.435
W 8x35	8.12	0.31	8.02	0.495
W 8x40	8.25	0.36	8.07	0.56
W 8x48	8.5	0.4	8.11	0.685
W 8x58	8.75	0.51	8.22	0.81
W 8x67	9	0.57	8.28	0.935
W 10x12	9.87	0.19	3.96	0.21
W 10x15	9.99	0.23	4	0.27
W 10x17	10.11	0.24	4.01	0.33
W 10x19	10.24	0.25	4.02	0.395
W 10x22	10.17	0.24	5.75	0.36
W 10x26	10.33	0.26	5.77	0.44
W 10x30	10.47	0.3	5.81	0.51
W 10x33	9.73	0.29	7.96	0.435
W 10x39	9.92	0.315	7.99	0.53
W 10x45	10.1	0.35	8.02	0.62
W 10x49	9.98	0.34	10	0.56
W 10x54	10.09	0.37	10.03	0.615
W 10x60	10.22	0.42	10.08	0.68
W 10x68	10.4	0.47	10.13	0.77
W 10x77	10.6	0.53	10.19	0.87



WIDE FLANGE BEAMS



LASER FUSED

Shape	Web		Flange	
	h	t _w	b	t _f
Laser Fused				
W 10x88	10.84	0.605	10.27	0.99
W 12x14	11.91	0.2	3.97	0.225
W 12x16	11.99	0.22	3.99	0.265
W 12x19	12.16	0.235	4.01	0.35
W 12x22	12.31	0.26	4.03	0.425
W 12x26	12.22	0.23	6.49	0.38
W 12x30	12.34	0.26	6.52	0.44
W 12x35	12.5	0.3	6.56	0.52
W 12x40	11.94	0.295	8.01	0.515
W 12x45	12.06	0.335	8.05	0.575
W 12x50	12.19	0.37	8.08	0.64
W 12x53	12.06	0.345	10	0.575
W 12x58	12.19	0.36	10.01	0.64
W 12x65	12.12	0.39	12	0.605

Shape	Web		Flange	
	h	t _w	b	t _f
Laser Fused				
W 12x72	12.25	0.43	12.04	0.67
W 12x79	12.38	0.47	12.08	0.735
W 12x87	12.53	0.515	12.13	0.81
W 12x96	12.71	0.55	12.16	0.9
W 12x106	12.89	0.61	12.22	0.99
W 14x22	13.74	0.23	5	0.335
W 14x26	13.91	0.255	5.03	0.42
W 14x30	13.84	0.27	6.73	0.385
W 14x34	13.98	0.285	6.75	0.455
W 14x38	14.1	0.31	6.77	0.515
W 14x43	13.66	0.305	8	0.53
W 14x48	13.79	0.34	8.03	0.595
W 14x53	13.92	0.37	8.06	0.66
W 14x61	13.89	0.375	10	0.645
W 14x68	14.04	0.415	10.04	0.72
W 14x74	14.17	0.45	10.07	0.785
W 14x82	14.31	0.51	10.13	0.855
W 14x90	14.02	0.44	14.52	0.71
W 14x99	14.16	0.485	14.57	0.78
W 14x109	14.32	0.525	14.61	0.86
W 14x120	14.48	0.59	14.67	0.94
W 16x26	15.69	0.25	5.5	0.345
W 16x31	15.88	0.275	5.53	0.44



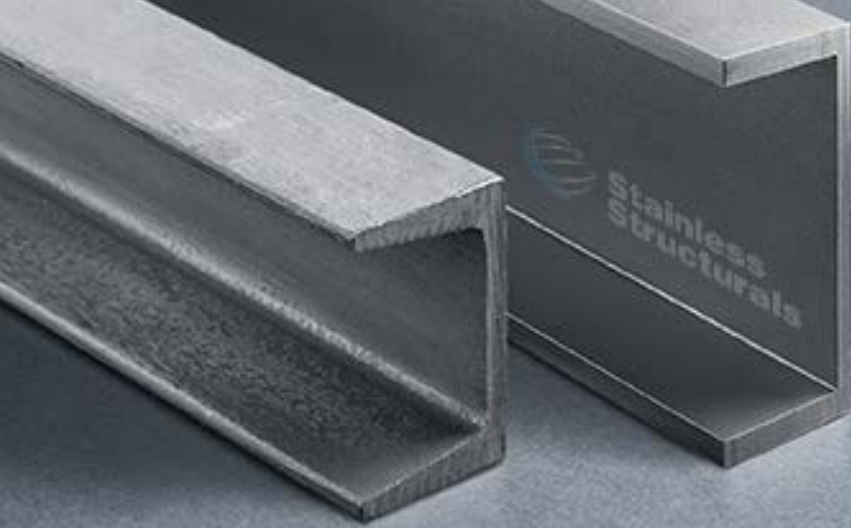
SIZES LISTED ABOVE ARE STANDARD STOCK SIZES. CUSTOM SIZES AVAILABLE UPON REQUEST.



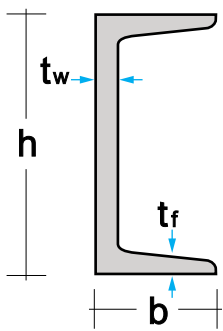
WIDE FLANGE BEAMS

Shape	Web		Flange	
	h	t _w	b	t _f
Laser Fused				
W 16x36	15.86	0.295	6.99	0.43
W 16x40	16.01	0.305	7	0.505
W 16x45	16.13	0.345	7.04	0.565
W 16x50	16.26	0.38	7.07	0.63
W 16x57	16.43	0.43	7.12	0.715
W 16x67	16.33	0.395	10.24	0.665
W 16x77	16.52	0.455	10.3	0.76
W 16x89	16.75	0.525	10.37	0.875
W 16x100	16.97	0.585	10.43	0.985
W 18x35	17.7	0.3	6	0.425
W 18x40	17.9	0.315	6.02	0.525
W 18x46	18.06	0.36	6.06	0.605
W 18x50	17.99	0.355	7.5	0.57
W 18x55	18.11	0.39	7.53	0.63
W 18x60	18.24	0.415	7.56	0.695
W 18x65	18.35	0.45	7.59	0.75
W 18x71	18.47	0.495	7.64	0.81
W 18x76	18.21	0.425	11.04	0.68
W 18x86	18.39	0.48	11.09	0.77
W 18x97	18.59	0.535	11.15	0.87
W 18x106	18.73	0.59	11.2	0.94
W 21x44	20.66	0.35	6.5	0.45
W 21x50	20.83	0.38	6.53	0.535

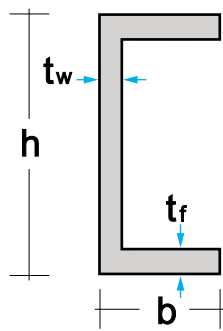
Shape	Web		Flange	
	h	t _w	b	t _f
Laser Fused				
W 21x57	21.06	0.405	6.56	0.65
W 21x62	20.99	0.4	8.24	0.615
W 21x68	21.13	0.43	8.27	0.685
W 21x73	21.24	0.455	8.3	0.74
W 21x83	21.43	0.515	8.36	0.835
W 21x93	21.62	0.58	8.42	0.93
W 21x101	21.36	0.5	12.29	0.8
W 21x111	21.51	0.55	12.34	0.875
W 21x122	21.68	0.6	12.39	0.96
W 24x55	23.57	0.395	7.01	0.505
W 24x62	23.74	0.43	7.04	0.59
W 24x68	23.73	0.415	8.97	0.585
W 24x76	23.92	0.44	8.99	0.68
W 24x84	24.1	0.47	9.02	0.77
W 24x94	24.31	0.515	9.07	0.875
W 24x104	24.06	0.5	12.75	0.75
W 24x117	24.26	0.55	12.8	0.85
W 24x131	24.48	0.605	12.86	0.96



STANDARD CHANNELS



HOT ROLLED



LASER FUSED

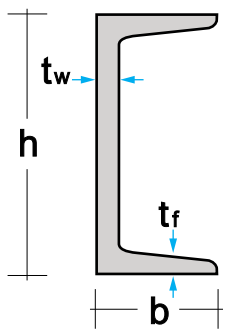
Shape	Web		Flange	
	h	tw	b	tf
Hot Rolled (Tapered)				
C 3x4.1	3	0.17	1.41	0.273
C 4x5.4	4	0.184	1.58	0.296
C 4x7.25	4	0.321	1.72	0.296
C 5x6.7	5	0.19	1.75	0.32
C 5x9.0	5	0.325	1.89	0.32
C 6x8.2	6	0.2	1.92	0.343
C 6x10.5	6	0.314	2.03	0.343
Laser Fused				
C 3x4.1	3	0.17	1.41	0.273
C 3x5.0	3	0.258	1.5	0.273
C 3x6.0	3	0.356	1.6	0.273
C 4x5.4	4	0.184	1.58	0.296
C 4x7.25	4	0.321	1.72	0.296
C 5x6.7	5	0.19	1.75	0.32

Shape	Web		Flange	
	h	tw	b	tf
Laser Fused				
C 5x9.0	5	0.325	1.89	0.32
C 6x8.2	6	0.2	1.92	0.343
C 6x10.5	6	0.314	2.03	0.343
C 6x13.0	6	0.437	2.16	0.343
C 7x9.8	7	0.21	2.09	0.366
C 7x12.25	7	0.314	2.19	0.366
C 7x14.75	7	0.419	2.3	0.366
C 8x11.5	8	0.22	2.26	0.39
C 8x13.75	8	0.303	2.34	0.39
C 8x18.75	8	0.487	2.53	0.39
C 9x13.4	9	0.233	2.43	0.413
C 9x15.0	9	0.285	2.49	0.413
C 9x20.0	9	0.448	2.65	0.413
C 10x15.3	10	0.24	2.6	0.436
C 10x20.0	10	0.379	2.74	0.436
C 10x25.0	10	0.526	2.89	0.436
C 10x30.0	10	0.673	3.03	0.436
C 12x20.7	12	0.282	2.94	0.501
C 12x25.0	12	0.387	3.05	0.501
C 12x30.0	12	0.51	3.17	0.501
C 15x33.9	15	0.4	3.4	0.65
C 15x40.0	15	0.52	3.52	0.65
C 15x50.0	15	0.716	3.72	0.65

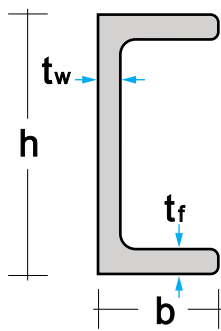




BAR CHANNELS



HOT ROLLED

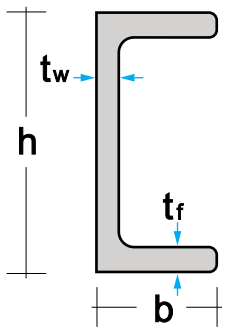


HOT ROLLED

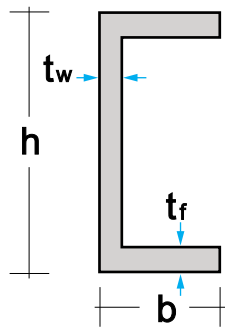
Shape	Web		Flange	
	h	tw	b	tf
Hot Rolled (Tapered)				
BC 1x1/2x1/8	1	0.125	0.5	0.125
BC 1-1/4x1/2x1/8	1.25	0.125	0.5	0.125
BC 1-1/2x1/2x1/8	1.5	0.125	0.5	0.125
BC 1-1/2x3/4x1/8	1.5	0.125	0.75	0.125
Hot Rolled (Non Tapered)				
BC 2x1x1/8	2	0.125	1	0.125
BC 2x1x3/16	2	0.1875	1	0.1875
BC 2x1x1/4	2	0.25	1	0.25



MISCELLANEOUS CHANNELS



HOT ROLLED



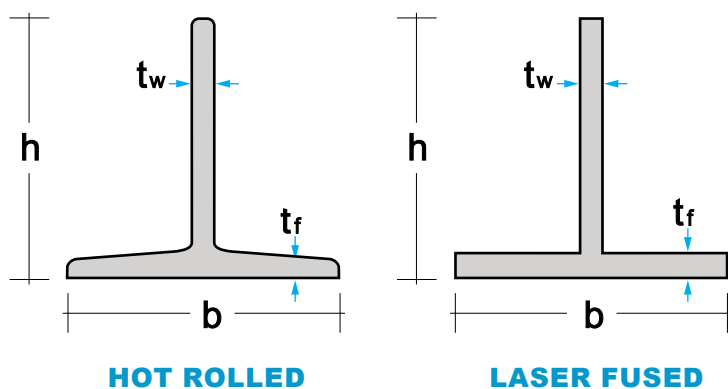
LASER FUSED

Shape	Web		Flange	
	h	tw	b	tf
Hot Rolled (Non Tapered)				
MC 3x1-3/8x3/16	3	0.1875	1.38	0.1875
MC 3x1-1/2x3/16	3	0.1875	1.5	0.1875
MC 3x1-1/2x1/4	3	0.25	1.5	0.25
MC 4x1-3/4x1/4	4	0.25	1.75	0.25
MC 4x2x1/4	4	0.25	2	0.25
Laser Fused				
MC 6x3x1/4	6	0.25	3	0.25
MC 6x3x3/8	6	0.375	3	0.375
MC 6x12	6	0.31	2.5	0.375
MC 6x15.3	6	0.34	3.5	0.385
MC 8x4x1/4	8	0.25	4	0.25
MC 8x4x3/8	8	0.375	4	0.375
MC 8x18.7	8	0.353	2.98	0.5
MC 10x8.4	10	0.17	1.5	0.28
MC 12x10.6	12	0.19	1.5	0.309





TEE BARS

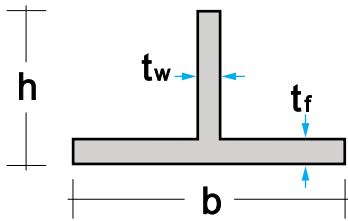


Shape	Web		Flange	
	d	t _w	b _f	t _f
Hot Rolled				
TB 2x2x1/4	2	0.25	2	0.25
Laser Fused				
TB 3/4x3/4x3/16	0.75	0.187	0.75	0.187
TB 1x1x1/8	1	0.125	1	0.125
TB 1x1x3/16	1	0.187	1	0.187
TB 1-1/2x1-1/2x3/16	1.5	0.187	1.5	0.187
TB 1-1/2x1-1/2x1/4	1.5	0.25	1.5	0.25
TB 1-3/4x1-3/4x3/16	1.75	0.187	1.75	0.187
TB 2x2x3/16	2	0.187	2	0.187

Shape	Web		Flange	
	d	t _w	b _f	t _f
Laser Fused				
TB 2x2x1/4	2	0.25	2	0.25
TB 2-1/2x2-1/2x1/4	2.5	0.25	2.5	0.25
TB 3x3x1/4	3	0.25	3	0.25
TB 3x3x3/8	3	0.375	3	0.375
TB 4x4x1/4	4	0.25	4	0.25
TB 4x4x3/8	4	0.375	4	0.375
TB 5x5x1/4	5	0.25	5	0.25
TB 5x5x3/8	5	0.375	5	0.375
TB 5x5x1/2	5	0.5	5	0.5
TB 6x6x1/4	6	0.25	6	0.25
TB 6x6x3/8	6	0.375	6	0.375
TB 6x6x1/2	6	0.5	6	0.5
TB 7x7x1/4	7	0.25	7	0.25
TB 7x7x3/8	7	0.375	7	0.375
TB 7x7x1/2	7	0.5	7	0.5
TB 8x8x1/4	8	0.25	8	0.25
TB 8x8x3/8	8	0.375	8	0.375
TB 8x8x1/2	8	0	8	0.5



TEES WT



LASER FUSED

Shape	Web		Flange	
	h	tw	b	tf
Laser Fused				
WT 2×6.5	2.08	0.28	4.06	0.345
WT 2.5×8	2.51	0.24	5	0.36
WT 2.5×9.5	2.58	0.27	5.03	0.43
WT 3×4.25	2.92	0.17	3.94	0.194
WT 3×4.5	2.95	0.17	3.94	0.215
WT 3×7.5	3	0.23	5.99	0.26
WT 3×6	3.02	0.23	4	0.28
WT 3×10	3.1	0.26	6.02	0.365
WT 3×8	3.14	0.26	4.03	0.405
WT 3×12.5	3.19	0.32	6.08	0.455
WT 4×5	3.95	0.17	3.94	0.205
WT 4×12	3.97	0.245	6.5	0.4
WT 4×6.5	4	0.23	4	0.255
WT 4×15.5	4	0.285	8	0.435

Shape	Web		Flange	
	h	tw	b	tf
Laser Fused				
WT 4×14	4.03	0.285	6.54	0.465
WT 4×7.5	4.05	0.245	4.01	0.315
WT 4×17.5	4.06	0.31	8.02	0.495
WT 4×9	4.07	0.23	5.25	0.33
WT 4×20	4.13	0.36	8.07	0.56
WT 4×10.5	4.14	0.25	5.27	0.4
WT 4×24	4.25	0.4	8.11	0.685
WT 4×29	4.38	0.51	8.22	0.81
WT 4×33.5	4.5	0.57	8.28	0.935
WT 5×16.5	4.87	0.29	7.96	0.435
WT 5×6	4.93	0.19	3.96	0.21
WT 5×19.5	4.96	0.315	7.99	0.53
WT 5×24.5	4.99	0.34	10	0.56
WT 5×7.5	5	0.23	4	0.27
WT 5×8.5	5.05	0.24	4.01	0.33
WT 5×22.5	5.05	0.35	8.02	0.62
WT 5×27	5.05	0.37	10	0.615
WT 5×11	5.09	0.24	5.75	0.36
WT 5×30	5.11	0.42	10.1	0.68
WT 5×9.5	5.12	0.25	4.02	0.395
WT 5×13	5.17	0.26	5.77	0.44
WT 5×34	5.2	0.47	10.1	0.77
WT 5×15	5.24	0.3	5.81	0.51





TEES WT

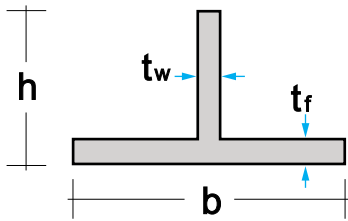
Shape	Web		Flange	
	h	t _w	b	t _f
Laser Fused				
WT 5×38.5	5.3	0.53	10.2	0.87
WT 5×44	5.42	0.605	10.3	0.99
WT 5×50	5.55	0.68	10.3	1.12
WT 6×7	5.96	0.2	3.97	0.225
WT 6×20	5.97	0.295	8.01	0.515
WT 6×8	6	0.22	3.99	0.265
WT 6×22.5	6.03	0.335	8.05	0.575
WT 6×26.5	6.03	0.345	9.99	0.575
WT 6×32.5	6.06	0.39	12	0.605
WT 6×9.5	6.08	0.235	4.01	0.35
WT 6×25	6.1	0.37	8.08	0.64
WT 6×29	6.1	0.36	10	0.64
WT 6×13	6.11	0.23	6.49	0.38
WT 6×36	6.13	0.43	12	0.67
WT 6×11	6.16	0.26	4.03	0.425
WT 6×15	6.17	0.26	6.52	0.44
WT 6×39.5	6.19	0.47	12.1	0.735
WT 6×17.5	6.25	0.3	6.56	0.52
WT 6×43.5	6.27	0.515	12.1	0.81
WT 6×48	6.36	0.55	12.2	0.9
WT 6×53	6.45	0.61	12.2	0.99
WT 6×60	6.56	0.71	12.3	1.11
WT 6×68	6.71	0.79	12.4	1.25

Shape	Web		Flange	
	h	t _w	b	t _f
Laser Fused				
WT 7×21.5	6.83	0.305	8	0.53
WT 7×11	6.87	0.23	5	0.335
WT 7×24	6.9	0.34	8.03	0.595
WT 7×15	6.92	0.27	6.73	0.385
WT 7×30.5	6.95	0.375	9.99	0.645
WT 7×13	6.96	0.255	5.03	0.42
WT 7×26.5	6.96	0.37	8.06	0.66
WT 7×17	6.99	0.285	6.75	0.455
WT 7×45	7.01	0.44	14.5	0.71
WT 7×34	7.02	0.415	10	0.72
WT 7×19	7.05	0.31	6.77	0.515
WT 7×49.5	7.08	0.485	14.6	0.78
WT 7×37	7.09	0.45	10.1	0.785
WT 7×41	7.16	0.51	10.1	0.855
WT 7×54.5	7.16	0.525	14.6	0.86
WT 7×60	7.24	0.59	14.7	0.94
WT 7×66	7.33	0.645	14.7	1.03
WT 7×72.5	7.39	0.68	15.5	1.09
WT 7×79.5	7.49	0.745	15.6	1.19
WT 8×13	7.85	0.25	5.5	0.345
WT 7×79.5	7.49	0.745	15.6	1.19
WT 8×18	7.93	0.295	6.99	0.43
WT 8×15.5	7.94	0.275	5.53	0.44

WT SIZES ABOVE ARE AVAILABLE UPON REQUEST.



TEES WT



LASER FUSED

Shape	Web		Flange	
	h	t _w	b	t _f
Laser Fused				
WT 8×20	8.01	0.305	7	0.505
WY 8×22.5	8.07	0.345	7.04	0.565
WT 8×25	8.13	0.38	7.07	0.63
WT 8×33.5	8.16	0.395	10.2	0.665
WT 8×28.5	8.22	0.43	7.12	0.715
WT 8×38.5	8.26	0.455	10.3	0.76
WT 8×44.5	8.38	0.525	10.4	0.875
WT 8×50	8.48	0.585	10.4	0.985
WT 9×17.5	8.85	0.3	6	0.425
WT 9×20	8.95	0.315	6.02	0.525
WT 9×25	8.99	0.355	7.5	0.57
WT 9×23	9.03	0.36	6.06	0.605
WT 9×27.5	9.06	0.39	7.53	0.63
WT 9×30	9.12	0.415	7.56	0.695

Shape	Web		Flange	
	h	t _w	b	t _f
Laser Fused				
WT 9×32.5	9.18	0.45	7.59	0.75
WT 9×35.5	9.23	0.495	7.64	0.81
WT 9×38	9.11	0.425	11	0.68
WT 9×43	9.2	0.48	11.1	0.77
WT 9×48.5	9.3	0.535	11.1	0.87
WT 9×53	9.37	0.59	11.2	0.94
WT 9×59.5	9.48	0.655	11.3	1.06
WT 9×65	9.63	0.67	11.2	1.2
WT 10.5×22	10.3	0.35	6.5	0.45
WT 10.5×24	10.3	0.35	8.14	0.43
WT 10.5×25	10.4	0.38	6.53	0.535
WT 10.5×27.5	10.4	0.375	8.22	0.522
WT 10.5×28.5	10.5	0.405	6.56	0.65
WT 10.5×31	10.5	0.4	8.24	0.615
WT 10.5×34	10.6	0.43	8.27	0.685
WT 10.5×36.5	10.6	0.455	8.3	0.74
WT 10.5×41.5	10.7	0.515	8.36	0.835
WT 10.5×50.5	10.7	0.5	12.3	0.8
WT 10.5×46.5	10.8	0.58	8.42	0.93
WT 10.5×55.5	10.8	0.55	12.3	0.875
WT 10.5×61	10.8	0.6	12.4	0.96
WT 10.5×66	10.9	0.65	12.4	1.03
WT 10.5×73.5	11	0.72	12.5	1.15





TEES WT

Shape	Web		Flange	
	h	t _w	b	t _f
Laser Fused				
WT 12×27.5	11.8	0.395	7.01	0.505
WT 12×31	11.9	0.43	7.04	0.59
WT 12×34	11.9	0.415	8.97	0.585
WT 12×38	12	0.44	8.99	0.68
WT 12×52	12	0.5	12.8	0.75
WT 12×42	12.1	0.47	9.02	0.77
WT 12×58.5	12.1	0.55	12.8	0.85
WT 12×47	12.2	0.515	9.07	0.875
WT 12×65.5	12.2	0.605	12.9	0.96
WT 12×51.5	12.3	0.55	9	0.98
WT 12×73	12.4	0.65	12.9	1.09
WT 12×81	12.5	0.705	13	1.22
WT 13.5×42	13.4	0.46	9.96	0.64
WT 13.5×47	13.5	0.49	9.99	0.745
WT 13.5×51	13.5	0.515	10	0.83
WT 13.5×57	13.6	0.57	10.1	0.93
WT 13.5×73	13.7	0.605	14	0.975
WT 13.5×64.5	13.8	0.61	10	1.1
WT 13.5×80.5	13.8	0.66	14	1.08
WT 13.5×89	13.9	0.725	14.1	1.19
WT 15×45	14.8	0.47	10.4	0.61
WT 15×49.5	14.8	0.52	10.5	0.67
WT 15×54	14.9	0.545	10.5	0.76

Shape	Web		Flange	
	h	t _w	b	t _f
Laser Fused				
WT 15×58	15	0.565	10.5	0.85
WT 15×62	15.1	0.585	10.5	0.93
WT 15×66	15.2	0.615	10.5	1
WT 15×86.5	15.2	0.655	15	1.07
WT 15×74	15.3	0.65	10.5	1.18
WT 15×95.5	15.3	0.71	15	1.19
WT 16.5×59	16.4	0.55	11.5	0.74
WT 16.5×65	16.5	0.58	11.5	0.855
WT 16.5×70.5	16.7	0.605	11.5	0.96
WT 16.5×76	16.7	0.635	11.6	1.06
WT 16.5×100.5	16.8	0.715	15.7	1.15
WT 16.5×84.5	16.9	0.67	11.5	1.22
WT 18×67.5	17.8	0.6	12	0.79
WT 18×75	17.9	0.625	12	0.94
WT 18×80	18	0.65	12	1.02
WT 18×85	18.1	0.68	12	1.1
WT 18×91	18.2	0.725	12.1	1.18
WT 20×74.5	19.1	0.63	11.8	0.83
WT 20×83.5	19.3	0.65	11.8	1.02
WT 20×99.5	19.3	0.65	15.8	1.07
WT 20×91.5	19.5	0.65	11.8	1.22
WT 20×107.5	19.5	0.65	15.8	1.22
WT 22×115	21.5	0.71	15.8	1.22

WT SIZES ABOVE ARE AVAILABLE UPON REQUEST.

We can produce both standard and custom profiles within the following size parameters

Production Parameters									
Profiles	h min.	h max.	b min.	b max.	ID min.	L min.	L. max.	th min.	th max.
Beams	2.125	25	1	16	1.75	120	540	0.1875	1
Tees	1	25	1	16	N/A	120	540	0.1875	1
Angles	1	25	1	10	N/A	120	540	0.1875	1
Channels	2.25	25	1	10	1.75	120	540	0.1875	1
Tubes	1.5	25	1.5	17	1	120	540	0.1875	1

FOR SIZES OUTSIDE THIS RANGE, PLEASE CONTACT OUR SALES TEAM
FOR FURTHER DISCUSSION ON PROFILE POSSIBILITIES.

**CUSTOM STAINLESS TUBES OR ANY OTHER SHAPE
CAN BE MANUFACTURED TO YOUR EXACT SPECIFICATIONS**



POSSIBILITIES ARE ENDLESS



PRODUCT DATASHEET

Channels, Tees, Beams and Angle Bars	Applicable Standards	Grade	
		AISI - 304/304L UNS - S30400	AISI - 316/316L UNS - S31600
LASER FUSED	ASTM A1069	X	X
HOT ROLLED	ASTM A276	X	X
	ASTM A479/A479M	X	X
	ASME SA479	X	X

Chemical Values ⁽¹⁾ ⁽²⁾											
Grade	C	Si	Mn	Ni	Cr	Mo	S	P	N	Cu	Co
304/304L	0.03	1.0	2.0	8-12	18-20	1.0	0.030	0.045	0.10	1	Report
316/316L	0.03	1.0	2.0	10-14	16-18	2-3	0.030	0.045	0.10	0.75	Report

⁽¹⁾ Maximum values unless shown as a range

⁽²⁾ Ti is allowable in amounts up to 0.5%

Minimum Mechanical Properties					
Grade	T [KSI]	YS ⁽¹⁾ [KSI]	EL ⁽¹⁾ [%]	RA ⁽¹⁾ [%]	HB
304/304L	75	30	30	50	140-241
316/316L					

⁽¹⁾ Minimum values unless shown as a range

LASER FUSED STANDARDS SPECIFICATION



Designation: A1069-19

Standard Specification for
Laser-Fused Stainless Steel
Bars, Plates, and Shapes

STAINLESS STRUCTURALS LASER FUSED STANDARD SECTIONS ARE CERTIFIED BY

- ISO 13919-1
- ISO 15609-4
- ISO 15614-11
- AWS D1.6/07

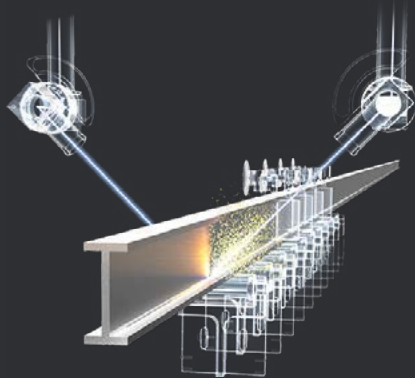
STANDARD PRODUCTS CONDITIONS

- Condition: Hot Rolled, Annealed & Pickled
- Laser fused and Hot rolled standard sections are produced according to ASTM A484 tolerances.
- Intergranular corrosion test according to ASTM A262 practices A, C & E (where applicable)
- Material free of contamination from mercury or metals at ambient temperature

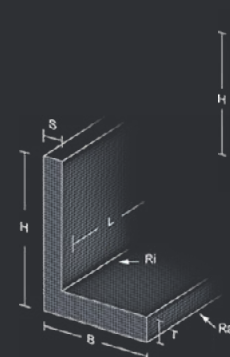
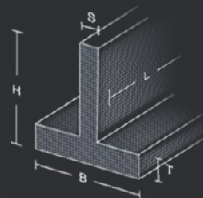
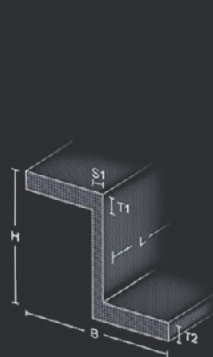
CONCEIVED, DESIGNED & CREATED IN STAINLESS STEEL



Producing and supplying sharp cornered steel structural shapes and custom profiles for the Architecture, Engineering and Construction industries.



LASER FUSION TECHNOLOGY



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