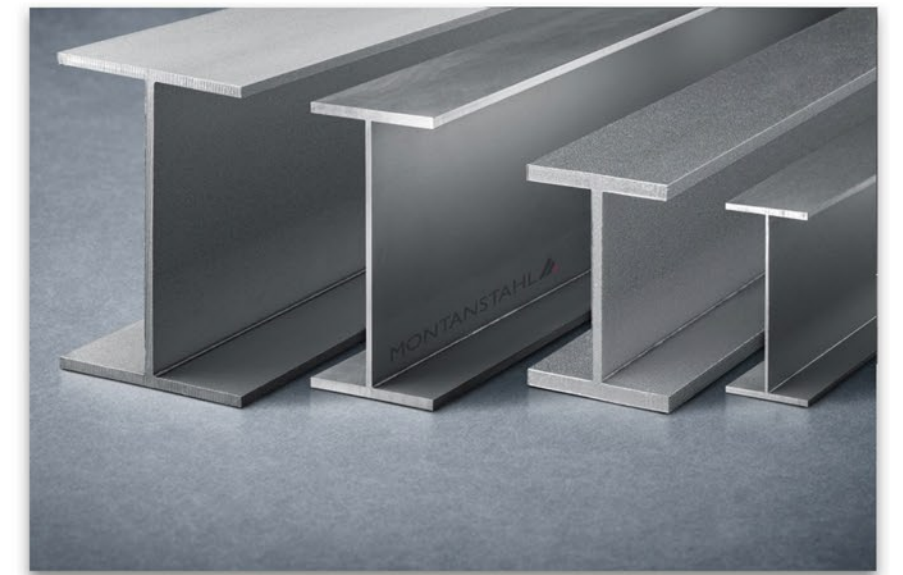


STAINLESS STEEL

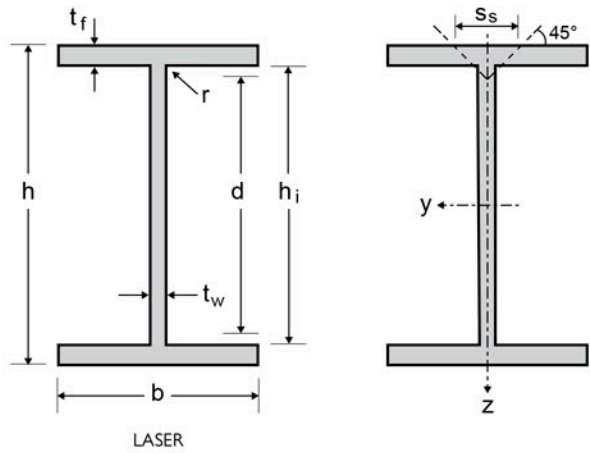
UB

British Universal Beams



LASER WELDED PROFILES

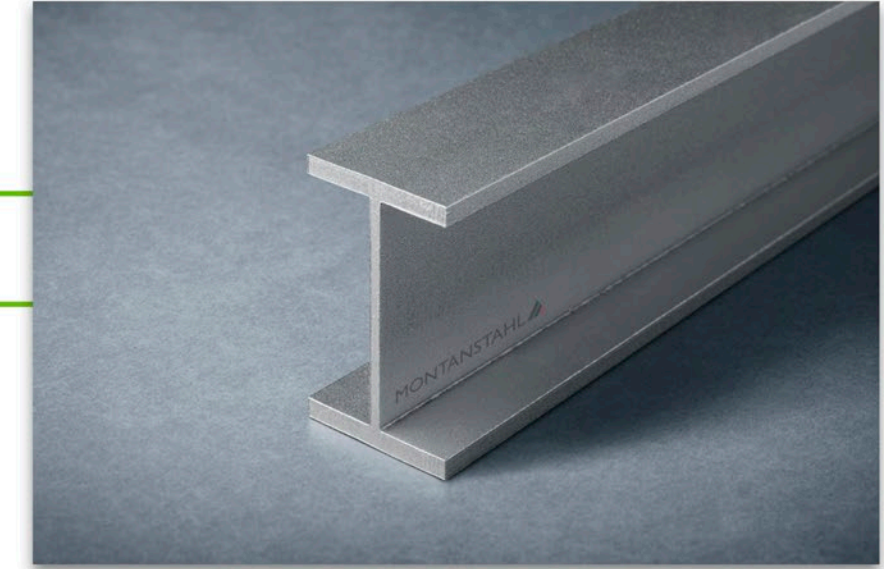
UB BRITISH UNIVERSAL BEAMS



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10365
Tolerances: EN 10034: 1993
Grade according to EN 10088-3: 1D
Surface condition: blasted and pickled

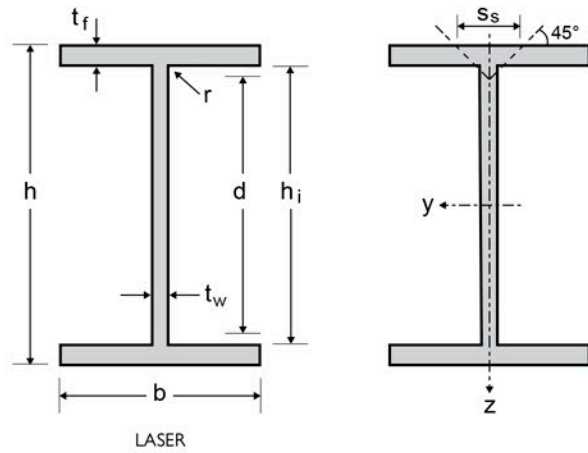


General properties							Structural properties													
Designation	G kg/m	Dimensions				Dimensions for detailing		Strong axis y-y					Weak axis z-z					S _s mm	I _t mm ⁴ x10 ⁴	I _w mm ⁶ x10 ⁹
		h mm	b mm	t _w mm	t _f mm	A mm ² x10 ²	h _i mm	d* mm	I _y mm ⁴ x10 ⁴	W _{el,y} mm ³ x10 ³	W _{pl,y} mm ³ x10 ³	i _y mm x10	A _{vz} mm ² x10 ²	I _z mm ⁴ x10 ⁴	W _{el,z} mm ³ x10 ³	W _{pl,z} mm ³ x10 ³	i _z mm x10			
UB 127 x 76 x 13	12.8	127.0	76.0	4.0	7.6	16.06	111.8	107.8	459.92	72.43	81.66	5.35	5.11	55.67	14.65	22.40	1.86	21.54	2.44	1.98
UB 152 x 89 x 16	15.9	152.4	88.7	4.5	7.7	19.86	137.0	133.0	813.72	106.79	120.18	6.40	6.85	89.67	20.22	30.99	2.12	22.24	3.11	4.69
UB 178 x 102 x 19	19.0	177.8	101.2	4.8	7.9	23.80	162.0	158.0	1327.01	149.27	167.60	7.47	8.51	136.62	27.00	41.40	2.40	22.94	3.93	9.85
UB 203 x 102 x 23	23.2	203.2	101.8	5.4	9.3	28.94	184.6	180.6	2067.08	203.45	229.89	8.45	10.88	163.77	32.17	49.55	2.38	26.34	6.39	15.37
UB 203 x 133 x 25	25.2	203.2	133.2	5.7	7.8	31.51	187.6	183.6	2301.09	226.49	253.48	8.55	11.48	307.52	46.17	70.73	3.12	23.64	5.45	29.33
UB 203 x 133 x 30	30.2	206.8	133.9	6.4	9.6	37.75	187.6	183.6	2856.49	276.26	310.12	8.70	13.04	384.53	57.44	87.99	3.19	27.94	9.58	37.34
UB 254 x 102 x 22	22.0	254.0	101.6	5.7	6.8	27.55	240.4	236.4	2776.30	218.61	253.55	10.04	14.40	119.24	23.47	37.06	2.08	21.64	3.71	18.16
UB 254 x 102 x 25	25.3	257.2	101.9	6.0	8.4	31.58	240.4	236.4	3349.85	260.49	300.06	10.30	15.30	148.57	29.16	45.79	2.17	25.14	5.83	22.92
UB 254 x 102 x 28	28.5	260.4	102.2	6.3	10.0	35.62	240.4	236.4	3940.00	302.61	347.34	10.52	16.21	178.42	34.92	54.62	2.24	28.64	8.81	27.89
UB 254 x 146 x 31	31.4	251.4	146.1	6.0	8.6	39.22	234.2	230.2	4352.04	346.22	387.74	10.53	14.95	447.42	61.25	93.90	3.38	25.54	7.95	65.88
UB 254 x 146 x 37	37.4	256.0	146.4	6.3	10.9	46.70	234.2	230.2	5475.42	427.77	477.91	10.83	15.91	570.52	77.94	119.15	3.50	30.44	14.49	85.61
UB 254 x 146 x 43	43.4	259.6	147.3	7.2	12.7	54.31	234.2	230.2	6482.34	499.41	561.01	10.93	18.32	677.22	91.95	140.83	3.53	34.94	22.76	103.10
UB 305 x 102 x 25	24.9	305.1	101.6	5.8	7.0	31.14	291.1	287.1	4360.07	285.81	335.38	11.83	17.60	122.83	24.18	38.59	1.99	22.14	4.32	27.18
UB 305 x 102 x 28	28.3	308.7	101.8	6.0	8.8	35.42	291.1	287.1	5270.36	341.46	396.27	12.20	18.38	155.26	30.50	48.23	2.09	25.94	6.77	34.79
UB 305 x 102 x 33	33.1	312.7	102.4	6.6	10.8	41.37	291.1	287.1	6405.97	409.72	474.20	12.44	20.39	193.98	37.89	59.81	2.17	30.54	11.34	44.04
UB 305 x 127 x 37	37.2	304.4	123.4	7.1	10.7	46.53	283.0	279.0	7045.15	462.89	530.44	12.30	21.32	335.95	54.45	85.05	2.69	30.84	13.49	72.26
UB 305 x 127 x 42	42.2	307.2	124.3	8.0	12.1	52.75	283.0	279.0	8070.36	525.41	604.50	12.37	24.13	388.51	62.51	98.02	2.71	34.54	19.51	84.32
UB 305 x 127 x 48	48.5	311.0	125.3	9.0	14.0	60.59	283.0	279.0	9449.26	607.67	701.68	12.49	27.32	460.75	73.54	115.65	2.76	39.34	29.65	101.22
UB 305 x 165 x 40	40.5	303.4	165.0	6.0	10.2	50.67	283.0	279.0	8377.07	552.21	614.07	12.86	18.03	764.17	92.63	141.41	3.88	28.74	13.65	164.12
UB 305 x 165 x 46	46.5	306.6	165.7	6.7	11.8	58.10	283.0	279.0	9773.14	637.52	711.04	12.97	20.26	895.46	108.08	165.18	3.93	32.64	20.80	194.40
UB 305 x 165 x 54	54.5	310.4	166.9	7.9	13.7	68.12	283.0	279.0	11570.37	745.51	837.07	13.03	24.02	1062.71	127.35	195.24	3.95	37.64	32.90	233.62

Other custom sizes are available upon request

* This dimension is related to the internal radius, achieved by the various producer. At Millstock Stainless beams are produced with radius of ≤2mm.

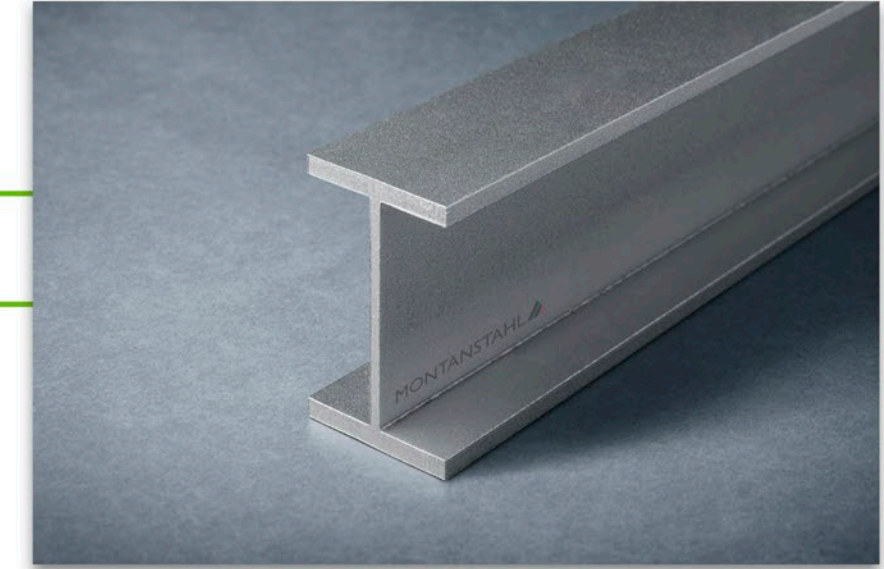
UB BRITISH UNIVERSAL BEAMS



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10365
Tolerances: EN 10034: 1993
Grade according to EN 10088-3: 1D
Surface condition: blasted and pickled

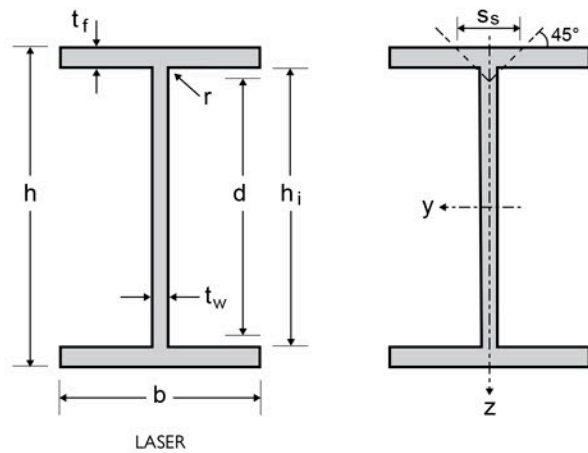


General properties							Structural properties													
Designation	G kg/m	Dimensions				Dimensions for detailing		Strong axis y-y					Weak axis z-z							
		h mm	b mm	t _w mm	t _r mm	A mm ² x10 ²	h _i mm	d* mm	I _y mm ⁴ x10 ⁴	W _{el,y} mm ³ x10 ³	W _{pl,y} mm ³ x10 ³	i _y mm x10	A _{vz} mm ² x10 ²	I _z mm ⁴ x10 ⁴	W _{el,z} mm ³ x10 ³	W _{pl,z} mm ³ x10 ³	i _z mm x10	S _s mm	I _t mm ⁴ x10 ⁴	I _w mm ⁶ x10 ⁹
UB 356 x 127 x 33	33.0	349.0	125.4	6.0	8.5	41.27	332.0	328.0	8019.45	459.57	528.84	13.94	20.80	279.96	44.65	69.83	2.60	25.34	7.59	80.97
UB 356 x 127 x 39	39.1	353.4	126.0	6.6	10.7	48.91	332.0	328.0	9941.53	562.62	644.47	14.26	23.08	357.53	56.75	88.56	2.70	30.34	13.43	104.74
UB 356 x 171 x 45	45.2	351.4	171.1	7.0	9.7	56.47	332.0	328.0	11835.75	673.63	760.57	14.48	24.34	810.74	94.77	146.07	3.79	28.74	14.32	236.37
UB 356 x 171 x 51	51.2	355.0	171.5	7.4	11.5	64.05	332.0	328.0	13905.92	783.43	881.95	14.73	25.91	967.93	112.88	173.68	3.89	32.74	21.85	285.19
UB 356 x 171 x 57	57.4	358.0	172.2	8.1	13.0	71.70	332.0	328.0	15808.31	883.15	996.09	14.85	28.50	1107.82	128.67	198.20	3.93	36.44	30.96	329.21
UB 356 x 171 x 67	67.7	363.4	173.2	9.1	15.7	84.63	332.0	328.0	19232.82	1058.49	1196.81	15.07	32.30	1361.63	157.23	242.38	4.01	42.84	52.34	410.91
UB 406 x 140 x 39	39.0	398.0	141.8	6.4	8.6	48.80	380.8	376.8	12204.55	613.29	707.53	15.82	25.30	409.51	57.76	90.37	2.90	25.94	9.44	154.92
UB 406 x 140 x 46	46.2	403.2	142.2	6.8	11.2	57.78	380.8	376.8	15381.38	762.97	871.48	16.32	27.14	537.74	75.63	117.65	3.05	31.54	17.23	206.19
UB 406 x 178 x 54	54.5	402.6	177.7	7.7	10.9	68.09	380.8	376.8	18418.51	914.98	1038.49	16.45	30.63	1020.84	114.89	177.76	3.87	31.84	21.24	391.01
UB 406 x 178 x 60	60.5	406.4	177.9	7.9	12.8	75.66	380.8	376.8	21292.56	1047.86	1183.32	16.78	31.64	1202.69	135.21	208.51	3.99	35.84	30.98	465.20
UB 406 x 178 x 67	67.7	409.4	178.8	8.8	14.3	84.68	380.8	376.8	24027.17	1173.77	1329.88	16.84	35.38	1364.52	152.63	235.97	4.01	39.74	43.21	531.67
UB 406 x 178 x 74	74.9	412.8	179.5	9.5	16.0	93.65	380.8	376.8	27006.03	1308.43	1484.66	16.98	38.37	1545.01	172.15	266.37	4.06	43.84	59.23	607.08
UB 457 x 152 x 52	52.6	449.8	152.4	7.6	10.9	65.79	428.0	424.0	20984.19	933.05	1077.87	17.86	33.83	644.60	84.59	132.78	3.13	31.74	19.51	309.67
UB 457 x 152 x 60	60.3	454.6	152.9	8.1	13.3	75.37	428.0	424.0	25115.29	1104.94	1269.10	18.25	36.31	794.26	103.89	162.50	3.25	37.04	31.35	385.77
UB 457 x 152 x 67	67.8	458.0	153.8	9.0	15.0	84.69	428.0	424.0	28541.84	1246.37	1434.90	18.36	40.50	912.12	118.61	186.09	3.28	41.34	44.55	446.23
UB 457 x 152 x 74	74.9	462.0	154.4	9.6	17.0	93.62	428.0	424.0	32289.32	1397.81	1608.41	18.57	43.43	1046.06	135.50	212.51	3.34	45.94	62.09	516.30
UB 457 x 152 x 82	82.9	465.8	155.3	10.5	18.9	103.68	428.0	424.0	36203.93	1554.48	1793.32	18.69	47.71	1183.98	152.48	239.73	3.38	50.64	84.54	589.10
UB 457 x 191 x 67	67.7	453.4	189.9	8.5	12.7	84.65	428.0	424.0	28995.56	1279.03	1452.85	18.51	38.00	1451.73	152.89	236.74	4.14	36.24	34.70	703.81
UB 457 x 191 x 74	75.0	457.0	190.4	9.0	14.5	93.77	428.0	424.0	32934.64	1441.34	1634.55	18.74	40.44	1670.69	175.49	271.51	4.22	40.34	48.81	816.55
UB 457 x 191 x 82	82.9	460.0	191.3	9.9	16.0	103.62	428.0	424.0	36666.64	1594.20	1813.11	18.81	44.63	1870.34	195.54	303.27	4.25	44.24	65.57	920.07
UB 457 x 191 x 89	90.3	463.4	191.9	10.5	17.7	112.91	428.0	424.0	40630.41	1753.58	1995.47	18.97	47.54	2088.86	217.70	337.72	4.30	48.24	86.38	1035.31
UB 457 x 191 x 98	99.5	467.2	192.8	11.4	19.6	124.40	428.0	424.0	45342.25	1941.02	2214.23	19.09	51.84	2346.43	243.41	378.21	4.34	52.94	116.03	1172.59

Other custom sizes are available upon request

* This dimension is related to the internal radius, achieved by the various producer. At Millstock Stainless beams are produced with radius of ≤2mm.

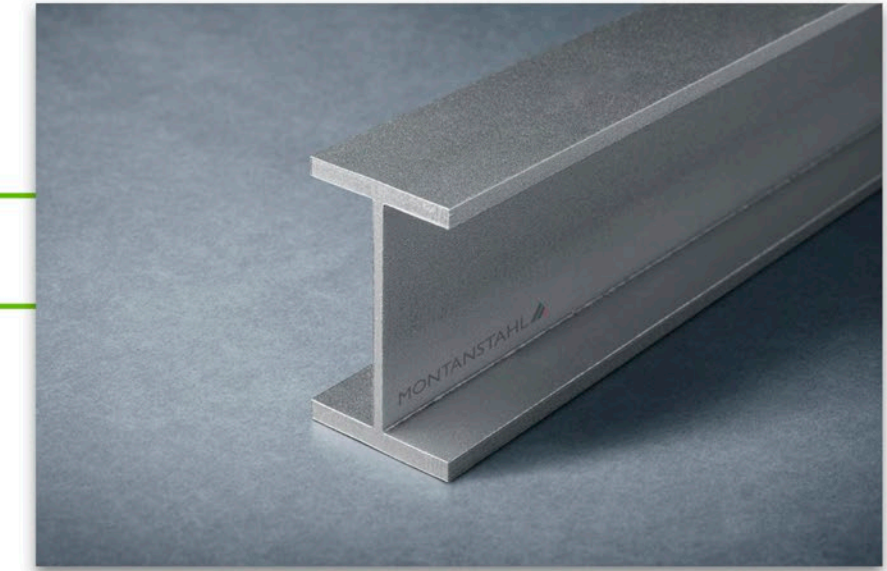
UB BRITISH UNIVERSAL BEAMS



STAINLESS STEEL

Product Description

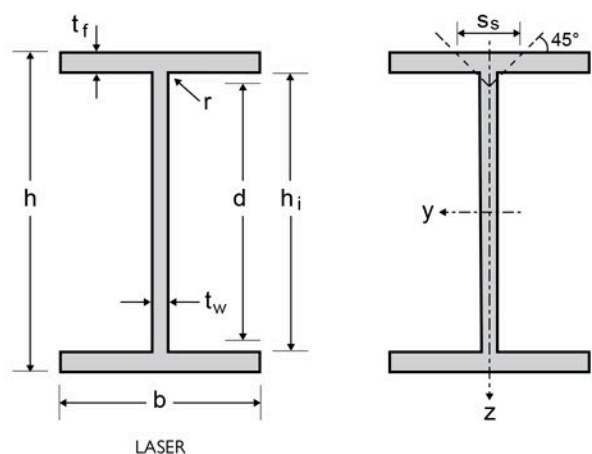
Dimensions: in accordance with EN 10365
 Tolerances: EN 10034: 1993
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled



General properties							Structural properties													
Designation	G kg/m	Dimensions				Dimensions for detailing		Strong axis y-y					Weak axis z-z				S _s mm	I _t mm ⁴ x10 ⁴	I _w mm ⁶ x10 ⁹	
		h mm	b mm	t _w mm	t _r mm	A mm ² x10 ²	h _i mm	d* mm	I _y mm ⁴ x10 ⁴	W _{el.y} mm ³ x10 ³	W _{pl.y} mm ³ x10 ³	i _y mm x10	A _{vz} mm ² x10 ²	I _z mm ⁴ x10 ⁴	W _{el.z} mm ³ x10 ³	W _{pl.z} mm ³ x10 ³				i _z mm x10
UB 533 x 210 x 82	82.7	528.3	208.8	9.6	13.2	103.34	501.9	497.9	46708.31	1768.25	2025.13	21.26	50.01	2006.40	192.18	299.32	4.41	38.34	47.03	1328.43
UB 533 x 210 x 92	92.8	533.1	209.3	10.1	15.6	116.03	501.9	497.9	54396.46	2040.76	2326.60	21.65	52.93	2388.18	228.21	354.51	4.54	43.64	69.93	1596.03
UB 533 x 210 x 101	101.9	536.7	210.0	10.8	17.4	127.32	501.9	497.9	60687.89	2261.52	2578.52	21.83	56.81	2690.97	256.28	398.33	4.60	47.94	94.06	1810.64
UB 533 x 210 x 109	110.0	539.5	210.8	11.6	18.8	137.52	501.9	497.9	65991.15	2446.38	2794.94	21.91	61.19	2941.61	279.09	434.61	4.63	51.54	118.33	1989.45
UB 533 x 210 x 122	123.2	544.5	211.9	12.7	21.3	154.05	501.9	497.9	75211.70	2762.60	3162.10	22.10	67.33	3386.28	319.61	498.46	4.69	57.64	168.30	2311.51
UB 610 x 229 x 101	102.1	602.6	227.6	10.5	14.8	127.57	573.0	569.0	74693.97	2479.06	2842.84	24.20	62.35	2913.76	256.04	399.15	4.78	42.44	71.44	2512.04
UB 610 x 229 x 113	114.1	607.6	228.2	11.1	17.3	142.59	573.0	569.0	86232.45	2838.46	3242.52	24.59	66.25	3432.97	300.87	468.12	4.91	48.04	104.33	2984.88
UB 610 x 229 x 125	126.4	612.2	229.0	11.9	19.6	157.99	573.0	569.0	97523.95	3186.02	3637.59	24.85	71.34	3931.00	343.32	534.23	4.99	53.44	145.58	3444.09
UB 610 x 229 x 140	141.5	617.2	230.2	13.1	22.1	176.85	573.0	569.0	110691.28	3586.89	4103.78	25.02	78.88	4503.96	391.31	610.17	5.05	59.64	205.59	3978.11
UB 610 x 305 x 149	150.2	612.4	304.8	11.8	19.7	187.74	573.0	569.0	124034.71	4050.77	4528.46	25.70	70.76	9305.22	610.58	935.06	7.04	53.54	185.03	8165.25
UB 610 x 305 x 179	180.6	620.2	307.1	14.1	23.6	225.78	573.0	569.0	151182.71	4875.29	5482.24	25.88	85.10	11405.41	742.78	1141.37	7.11	63.64	318.76	10136.94
UB 610 x 305 x 238	240.8	635.8	311.4	18.4	31.4	301.03	573.0	569.0	207629.89	6531.30	7421.09	26.26	112.50	15832.58	1016.86	1570.96	7.25	83.54	747.32	14431.89
UB 686 x 254 x 125	126.0	677.9	253.0	11.7	16.2	157.53	645.5	641.5	116005.22	3422.49	3931.91	27.14	78.10	4381.08	346.33	540.59	5.27	46.44	106.40	4786.16
UB 686 x 254 x 140	141.2	683.5	253.7	12.4	19.0	176.48	645.5	641.5	134279.91	3929.19	4495.87	27.58	83.19	5181.14	408.45	636.29	5.42	52.74	156.25	5708.13
UB 686 x 254 x 152	153.7	687.5	254.5	13.2	21.0	192.13	645.5	641.5	148367.91	4316.16	4938.23	27.79	88.85	5781.80	454.37	708.23	5.49	57.54	204.85	6407.25
UB 686 x 254 x 170	171.9	692.9	255.8	14.5	23.7	214.88	645.5	641.5	168338.99	4858.97	5568.53	27.99	98.02	6627.90	518.21	809.34	5.55	64.24	289.03	7402.03
UB 762 x 267 x 134	134.6	750.0	264.4	12.0	15.5	168.28	719.0	715.0	147777.12	3940.72	4562.24	29.63	88.79	4785.27	361.97	567.69	5.33	45.34	107.67	6440.04
UB 762 x 267 x 147	147.9	754.0	265.2	12.8	17.5	184.89	719.0	715.0	165586.82	4392.22	5073.60	29.93	95.01	5452.69	411.21	644.87	5.43	50.14	145.34	7377.22
UB 762 x 267 x 173	174.5	762.2	266.7	14.3	21.6	218.07	719.0	715.0	202367.10	5310.08	6115.76	30.46	106.80	6846.77	513.44	804.98	5.60	59.84	247.94	9364.38
UB 762 x 267 x 197	198.7	769.8	268.0	15.6	25.4	248.34	719.0	715.0	237041.96	6158.53	7084.66	30.89	117.18	8171.44	609.81	955.94	5.74	68.74	378.97	11288.59
UB 838 x 292 x 176	177.1	834.9	291.7	14.0	18.8	221.34	797.3	793.3	241838.46	5793.23	6701.73	33.05	115.04	7795.32	534.48	838.93	5.93	53.94	202.68	12949.19
UB 838 x 292 x 194	195.3	840.7	292.4	14.7	21.7	244.14	797.3	793.3	274992.95	6542.00	7534.14	33.56	121.30	9062.63	619.88	970.75	6.09	60.44	282.59	15161.72
UB 838 x 292 x 226	228.7	850.9	293.8	16.1	26.8	285.88	797.3	793.3	335521.16	7886.27	9048.84	34.26	133.79	11355.38	773.00	1208.36	6.30	72.04	481.26	19232.63

Other custom sizes are available upon request

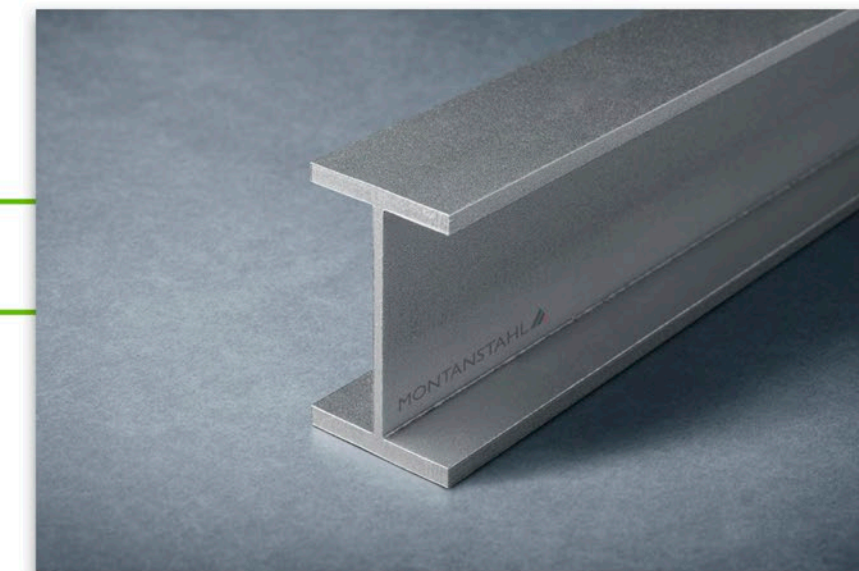
* This dimension is related to the internal radius, achieved by the various producer. At Millstock Stainless beams are produced with radius of ≤2mm.



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10365
Tolerances: EN 10034: 1993
Grade according to EN 10088-3: 1D
Surface condition: blasted and pickled



General properties							Structural properties														
Designation		Dimensions				Dimensions for detailing		Strong axis y-y					Weak axis z-z								
	G kg/m	h mm	b mm	tw mm	tr mm	A mm ² x10 ²	hi mm	d* mm	Iy mm ⁴ x10 ⁴	Wel.y mm ³ x10 ³	Wpl.y mm ³ x10 ³	Iy mm x10	Avz mm ² x10 ²	Iz mm ⁴ x10 ⁴	Wel.z mm ³ x10 ³	Wpl.z mm ³ x10 ³	Iz mm x10	Ss mm	It mm ⁴ x10 ⁴	Iw mm ⁶ x10 ⁹	
UB 914 x 305 x 201	202.3	903.0	303.3	15.1	20.2	252.82	862.6	858.6	319606.85	7078.78	8218.99	35.56	134.15	9418.05	621.04	978.31	6.10	57.84	266.31	18301.30	
UB 914 x 305 x 224	226.0	910.4	304.1	15.9	23.9	282.55	862.6	858.6	370766.26	8145.13	9402.27	36.22	141.94	11230.93	738.63	1159.65	6.30	66.04	390.23	22008.65	
UB 914 x 305 x 238	240.4	915.0	305.0	16.5	25.9	300.45	863.2	859.2	400817.02	8761.03	10098.52	36.52	147.77	12279.86	805.24	1263.46	6.39	70.64	478.19	24204.12	
UB 914 x 305 x 253	255.8	918.4	305.5	17.3	27.9	319.73	862.6	858.6	430657.23	9378.42	10809.75	36.70	155.21	13295.51	870.41	1366.53	6.45	75.44	584.22	26284.18	
UB 914 x 305 x 271	274.4	923.0	307.0	18.4	30.0	343.03	863.0	859.0	465980.01	10097.08	11651.95	36.86	165.55	14512.05	945.41	1486.81	6.50	80.74	721.75	28842.18	
UB 914 x 305 x 289	292.1	926.6	307.7	19.5	32.0	365.17	862.6	858.6	498539.37	10760.62	12437.45	36.95	175.76	15590.84	1013.38	1596.90	6.53	85.84	871.74	31087.01	
UB 914 x 305 x 313	316.3	932.0	309.0	21.1	34.5	395.34	863.0	859.0	542644.60	11644.73	13497.94	37.05	190.79	17032.19	1102.41	1743.14	6.56	92.44	1097.55	34162.70	
UB 914 x 305 x 345	349.3	943.0	308.0	22.1	39.9	436.59	863.2	859.2	619989.89	13149.31	15216.61	37.68	201.22	19507.73	1266.74	1997.98	6.68	104.24	1569.47	39617.36	
UB 914 x 305 x 381	386.3	951.0	310.0	24.4	43.9	482.84	863.2	859.2	691176.37	14535.78	16891.40	37.84	223.12	21901.63	1413.01	2237.92	6.74	114.54	2099.54	44838.25	
UB 914 x 305 x 425	431.1	961.0	313.0	26.9	49.0	538.92	863.0	859.0	782580.33	16286.79	18997.40	38.11	247.32	25182.56	1609.11	2556.41	6.84	127.24	2906.90	52072.39	
UB 914 x 305 x 474	480.6	971.0	316.0	30.0	54.1	600.79	862.8	858.8	880088.26	18127.46	21259.61	38.27	277.27	28645.85	1813.03	2895.29	6.91	140.54	3953.28	59798.63	
UB 914 x 305 x 521	528.5	981.0	319.0	33.0	58.9	660.67	863.2	859.2	976814.35	19914.67	23474.10	38.45	306.68	32125.23	2014.12	3231.93	6.97	153.14	5159.07	67737.97	
UB 914 x 305 x 576	584.1	993.0	322.0	36.1	65.0	730.18	863.0	859.0	1096122.98	22077.00	26146.06	38.74	337.64	36506.89	2267.51	3650.96	7.07	168.44	6912.80	77869.19	
UB 914 x 419 x 343	345.9	911.8	418.5	19.4	32.0	432.35	847.8	843.8	617107.32	13536.02	15269.75	37.78	172.00	39143.37	1870.65	2882.08	9.52	85.74	1106.66	75647.23	
UB 914 x 419 x 388	391.4	921.0	420.5	21.4	36.6	489.27	847.8	843.8	710962.39	15438.92	17458.03	38.12	190.76	45424.56	2160.50	3332.91	9.64	96.94	1623.69	88688.09	
UB 1016 x 305 x 222	220.1	970.0	300.0	16.0	21.1	275.08	927.8	923.8	391589.16	8074.00	9451.38	37.73	152.70	9526.69	635.11	1008.91	5.88	60.54	315.50	21373.51	
UB 1016 x 305 x 249	247.3	980.0	300.0	16.5	26.0	309.15	928.0	924.0	464993.98	9489.67	10995.18	38.78	158.48	11734.77	782.32	1233.19	6.16	70.84	485.96	26620.89	
UB 1016 x 305 x 272	271.3	990.0	300.0	16.5	31.0	339.15	928.0	924.0	537761.48	10863.87	12472.68	39.82	159.51	13984.77	932.32	1458.19	6.42	80.84	717.54	32073.87	
UB 1016 x 305 x 314	314.2	1000.0	300.0	19.1	35.9	392.72	928.2	924.2	628119.76	12562.40	14498.88	39.99	185.61	16208.93	1080.60	1700.19	6.42	93.24	1109.19	37539.73	
UB 1016 x 305 x 350	350.0	1008.0	302.0	21.1	40.0	437.44	928.0	924.0	706880.68	14025.41	16237.78	40.20	205.88	18435.09	1220.87	1927.41	6.49	103.44	1528.68	43015.04	
UB 1016 x 305 x 393	394.0	1016.0	303.0	24.4	43.9	492.55	928.2	924.2	791596.80	15582.61	18187.66	40.09	238.98	20466.02	1350.89	2153.40	6.45	114.54	2091.54	48084.27	
UB 1016 x 305 x 415	416.8	1020.0	304.0	26.0	46.0	520.99	928.0	924.0	837036.61	16412.48	19219.70	40.08	255.11	21675.07	1425.99	2282.45	6.45	120.34	2438.11	51084.04	
UB 1016 x 305 x 438	438.9	1026.0	305.0	26.9	49.0	548.57	928.0	924.0	893092.86	17409.22	20394.32	40.35	264.81	23321.57	1529.28	2447.04	6.52	127.24	2886.33	55293.42	
UB 1016 x 305 x 494	497.1	1036.0	309.0	31.0	54.0	621.43	928.0	924.0	1011874.75	19534.26	23061.42	40.35	306.61	26783.74	1733.58	2800.99	6.57	141.34	4019.01	64014.88	
UB 1016 x 305 x 584	588.8	1056.0	314.0	36.0	64.0	736.03	928.0	924.0	1229986.80	23295.20	27687.48	40.88	359.71	33384.01	2126.37	3455.81	6.73	166.34	6623.55	81242.08	

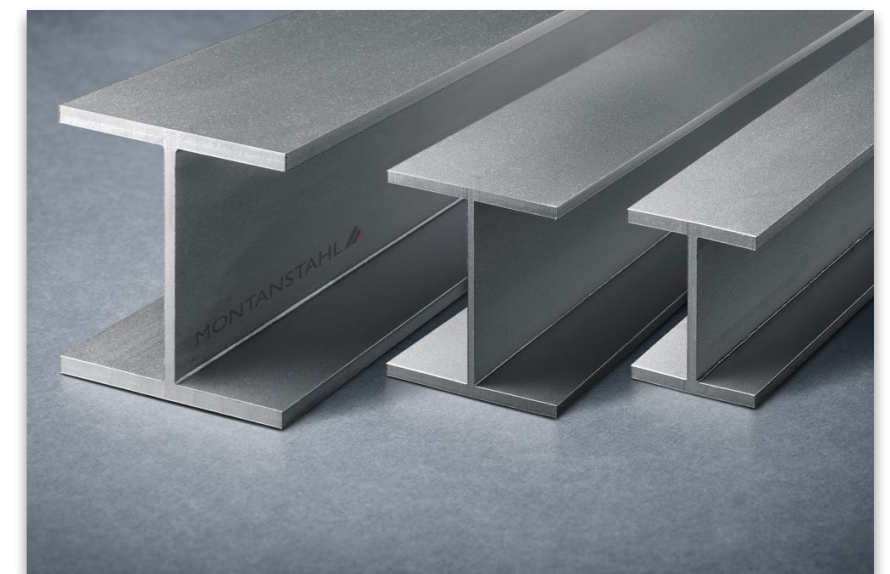
Other custom sizes are available upon request

* This dimension is related to the internal radius, achieved by the various producer. At Millstock Stainless beams are produced with radius of $\leq 2\text{mm}$.



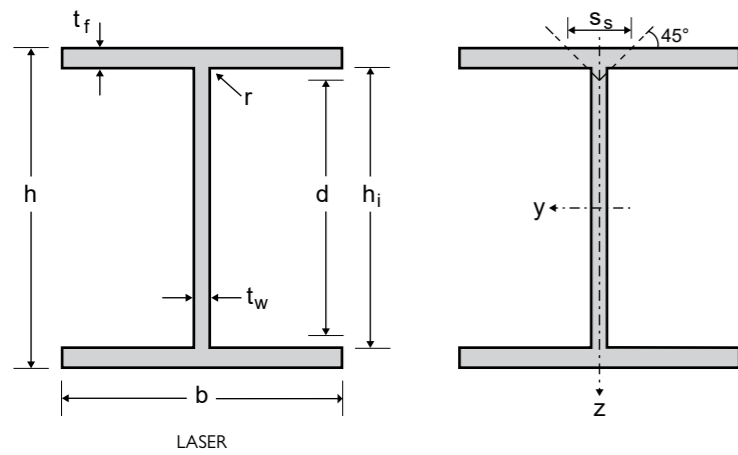
STAINLESS STEEL

HEA / HEB / HEM BEAMS



LASER WELDED PROFILES

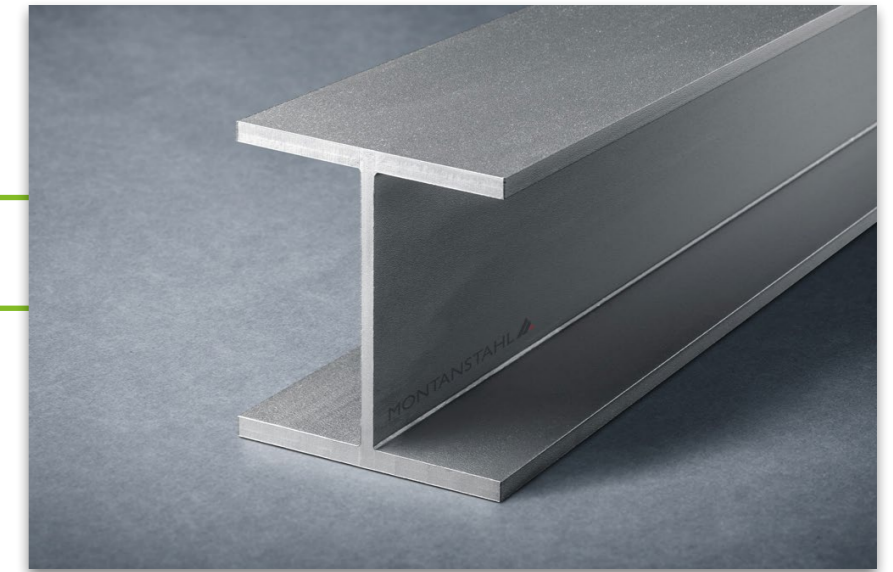
HE EUROPEAN WIDE FLANGE BEAMS



STAINLESS STEEL

Product Description

Dimensions: HE A, B, M in accordance with EN 10365
 Tolerances: EN 10034: 1993
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled

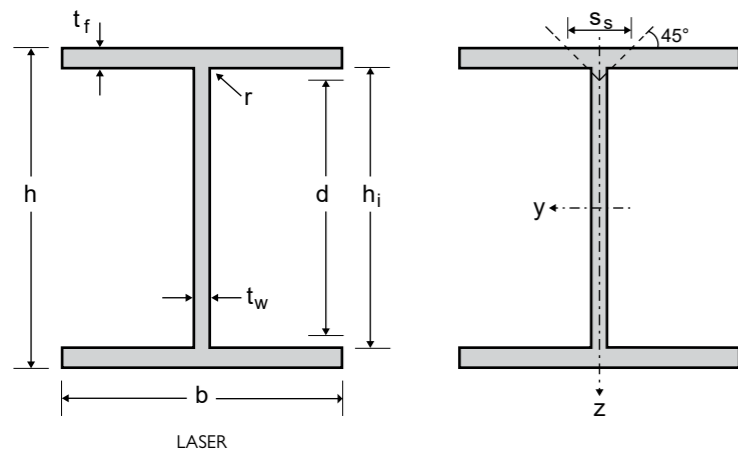


General properties							Structural properties													
Designation		Dimensions					Dimensions for detailing		Strong axis y-y					Weak axis z-z						
	G kg/m	h mm	b mm	t _w mm	t _f mm	A mm ² x10 ²	h _i mm	d* mm	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	W _{ply} mm ³ x10 ³	i _y mm x10	A _{vz} mm ² x10 ²	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	W _{plz} mm ³ x10 ³	i _z mm x10	S _s mm	I _t mm ⁴ x10 ⁴	I _w mm ⁶ x10 ⁹
HE 100 AA	11.5	91	100	4.2	5.5	14.39	80.0	76.0	219.77	48.30	53.88	3.91	3.85	91.72	18.34	27.86	2.52	17.54	1.35	1.68
HE 100 A	16.0	96	100	5.0	8.0	20.03	80.0	76.0	332.48	69.27	78.54	4.07	4.75	133.42	26.68	40.51	2.58	23.34	3.76	2.58
HE 100 B	19.9	100	100	6.0	10.0	24.83	80.0	76.0	432.80	86.56	99.74	4.17	5.83	166.81	33.36	50.73	2.59	28.34	7.20	3.38
HE 100 C	30.5	110	103	9.0	15.0	38.13	80.0	76.0	741.91	134.89	161.31	4.41	9.18	273.68	53.14	81.20	2.68	32.34	24.66	6.16
HE 100 M	41.6	120	106	12.0	20.0	52.03	80.0	76.0	1125.87	187.65	231.34	4.65	12.83	398.17	75.13	115.26	2.77	54.34	59.33	9.93
HE 120 AA	13.9	109	120	4.2	5.5	17.35	98.0	94.0	387.59	71.12	78.56	4.73	4.60	158.46	26.41	40.04	3.02	17.54	1.61	4.24
HE 120 A	19.3	114	120	5.0	8.0	24.13	98.0	94.0	580.38	101.82	113.93	4.90	5.65	230.51	38.42	58.22	3.09	23.34	4.52	6.47
HE 120 B	26.2	120	120	6.5	11.0	32.80	98.0	94.0	838.60	139.77	159.65	5.06	7.56	317.03	52.84	80.25	3.11	30.84	11.45	9.41
HE 120 C	39.0	130	123	9.5	16.0	48.70	98.0	94.0	1362.52	209.62	247.33	5.29	11.50	496.94	80.80	123.26	3.19	34.34	35.72	16.12
HE 120 M	52.2	140	126	12.5	21.0	65.20	98.0	94.0	1991.80	284.54	345.05	5.53	15.75	701.74	111.39	170.55	3.28	56.84	81.83	24.79
HE 140 AA	17.5	128	140	4.3	6.0	21.82	116.0	112.0	682.70	106.67	117.14	5.59	5.52	274.48	39.21	59.35	3.55	18.64	2.36	10.21
HE 140 A	24.2	133	140	5.5	8.5	30.21	116.0	112.0	996.38	149.83	166.85	5.74	7.22	388.90	55.56	84.19	3.59	24.84	6.40	15.06
HE 140 B	33.4	140	140	7.0	12.0	41.75	116.0	112.0	1472.48	210.35	238.79	5.94	9.47	549.14	78.45	119.03	3.63	33.34	17.29	22.48
HE 140 C	48.2	150	143	10.0	17.0	60.25	116.0	112.0	2293.02	305.74	357.16	6.17	14.01	829.50	116.01	176.74	3.71	36.34	49.77	36.64
HE 140 M	63.5	160	146	13.0	22.0	79.35	116.0	112.0	3254.61	406.83	487.19	6.40	18.85	1143.26	156.61	239.40	3.80	59.34	109.16	54.33
HE 160 AA	22.8	148	160	4.5	7.0	28.46	134.0	130.0	1206.00	162.97	178.35	6.51	6.66	477.97	59.75	90.29	4.10	20.84	4.09	23.75
HE 160 A	29.5	152	160	6.0	9.0	36.87	134.0	130.0	1596.10	210.01	233.08	6.58	8.97	614.65	76.83	116.42	4.08	26.34	8.78	31.41
HE 160 B	41.9	160	160	8.0	13.0	52.35	134.0	130.0	2415.12	301.89	341.90	6.79	12.31	888.05	111.01	168.56	4.12	36.34	25.55	47.94
HE 160 C	58.8	170	163	11.0	18.0	73.45	134.0	130.0	3627.28	426.74	495.58	7.03	17.47	1300.72	159.60	243.19	4.21	38.34	68.32	75.04
HE 160 M	76.1	180	166	14.0	23.0	95.15	134.0	130.0	5021.39	557.93	662.50	7.26	22.93	1756.56	211.63	323.49	4.30	62.34	143.70	108.05
HE 180 AA	27.7	167	180	5.0	7.5	34.63	152.0	148.0	1866.77	223.57	244.46	7.34	8.31	729.16	81.02	122.46	4.59	22.34	5.73	46.36
HE 180 A	34.7	171	180	6.0	9.5	43.35	152.0	148.0	2410.16	281.89	311.08	7.46	10.10	923.68	102.63	155.28	4.62	27.34	11.39	60.21
HE 180 B	50.7	180	180	8.5	14.0	63.35	152.0	148.0	3731.00	414.56	467.68	7.67	14.70	1361.59	151.29	229.56	4.64	38.84	35.75	93.75
HE 180 C	69.6	190	183	11.5	19.0	87.05	152.0	148.0	5442.98	572.94	661.25	7.91	20.46	1942.63	212.31	323.19	4.72	40.34	90.02	141.87
HE 180 M	89.1	200	186	14.5	24.0	111.35	152.0	148.0	7383.00	738.30	869.68	8.14	26.51	2577.82	277.19	423.17	4.81	64.84	182.86	199.33

Other custom sizes are available upon request

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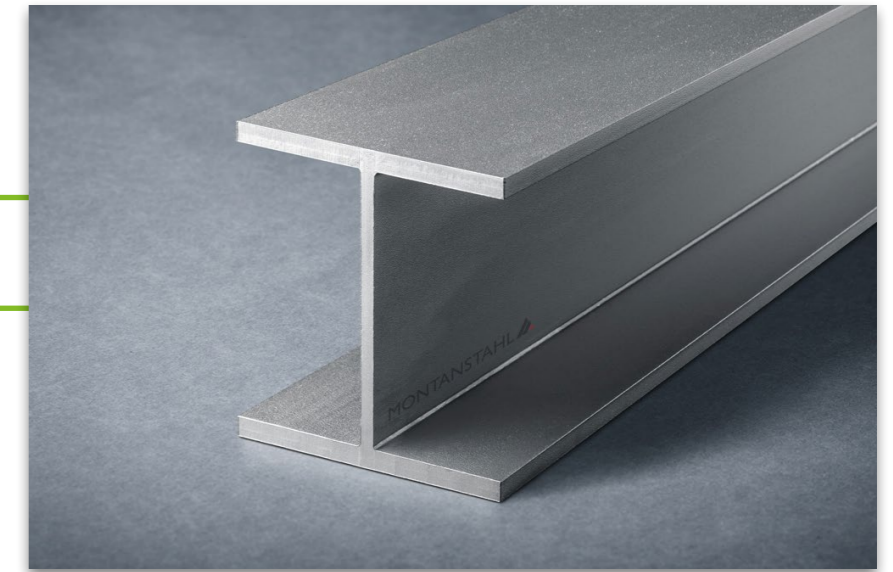
HE EUROPEAN WIDE FLANGE BEAMS



STAINLESS STEEL

Product Description

Dimensions: HE A, B, M in accordance with EN 10365
 Tolerances: EN 10034: 1993
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled

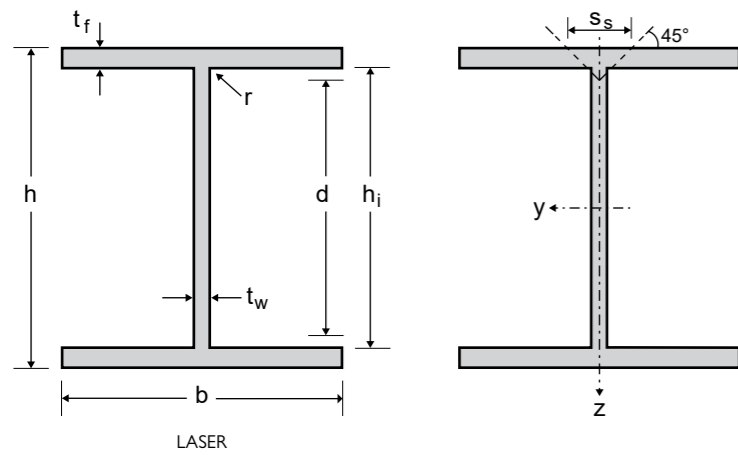


General properties							Structural properties													
Designation		Dimensions					Dimensions for detailing		Strong axis y-y					Weak axis z-z						
	G kg/m	h mm	b mm	t _w mm	t _f mm	A mm ² x10 ²	h _i mm	d* mm	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	W _{ply} mm ³ x10 ³	i _y mm x10	A _{vz} mm ² x10 ²	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	W _{plz} mm ³ x10 ³	i _z mm x10	S _s mm	I _t mm ⁴ x10 ⁴	I _w mm ⁶ x10 ⁹
HE 200 AA	33.1	186	200	5.5	8.0	41.38	170.0	166.0	2764.06	297.21	324.83	8.17	10.14	1066.91	106.69	161.30	5.08	23.84	7.82	84.49
HE 200 A	40.9	190	200	6.5	10.0	51.08	170.0	166.0	3511.91	369.67	407.25	8.29	12.13	1333.73	133.37	201.81	5.11	28.84	14.91	108.00
HE 200 B	60.3	200	200	9.0	15.0	75.33	170.0	166.0	5515.93	551.59	620.32	8.56	17.28	2001.04	200.10	303.46	5.15	41.34	48.68	171.13
HE 200 C	81.3	210	203	12.0	20.0	101.63	170.0	166.0	7849.12	747.54	858.39	8.79	23.63	2790.94	274.97	418.23	5.24	42.34	116.25	251.66
HE 200 M	102.8	220	206	15.0	25.0	128.53	170.0	166.0	10461.66	951.06	1112.92	9.02	30.28	3647.23	354.10	540.04	5.33	67.34	228.77	346.26
HE 220 AA	39	205	220	6.0	8.5	48.71	188	184	3947.74	385.15	420.79	9.00	12.16	1508.81	137.16	207.40	5.57	25.34	10.43	145.61
HE 220 A	49.3	210	220	7.0	11.0	61.59	188	184	5187.21	494.02	543.75	9.18	14.40	1952.68	177.52	268.52	5.63	31.34	21.65	193.27
HE 220 B	70.6	220	220	9.5	16.0	88.29	188	184	7868.48	715.32	802.34	9.44	20.05	2840.82	258.26	391.46	5.67	43.84	64.78	295.42
HE 220 C	93.8	230	223	12.5	21.0	117.19	188.0	184.0	10957.49	952.82	1089.52	9.67	27.00	3884.42	348.38	529.52	5.76	44.34	147.58	423.85
HE 220 M	117.4	240	226	15.5	26.0	146.69	188	184	14382.34	1198.53	1394.74	9.90	34.24	5007.90	443.18	675.31	5.84	69.84	282.13	572.68
HE 240 AA	45.3	224	240	6.5	9.0	56.62	206	202	5472.34	488.60	533.71	9.83	14.37	2074.08	172.84	261.39	6.05	26.84	13.64	239.63
HE 240 A	58.5	230	240	7.5	12.0	73.08	206	202	7400.34	643.51	707.76	10.06	16.86	2765.53	230.46	348.51	6.15	33.84	30.47	328.49
HE 240 B	81.8	240	240	10.0	17.0	102.23	206	202	10896.46	908.04	1016.28	10.32	23.01	3918.53	326.54	494.77	6.19	46.34	84.54	486.95
HE 240 C	118.7	255	244	14.0	24.5	148.43	206.0	202.0	16963.93	1330.50	1526.81	10.69	33.28	5936.50	486.60	739.44	6.32	51.34	252.71	787.89
HE 240 M	159.7	270	248	18.0	32.0	199.59	206	164	24299.58	1799.97	2116.95	11.03	60.07	8152.04	657.42	1005.93	6.39	106.60	627.90	1151.99
HE 260 AA	51.2	244	260	6.5	9.5	64.06	225	221	7416.32	607.89	661.87	10.76	15.66	2783.39	214.11	323.49	6.59	27.84	16.98	382.58
HE 260 A	65.5	250	260	7.5	12.5	81.91	225	221	9890.71	791.26	867.18	10.99	18.35	3662.46	281.73	425.68	6.69	34.84	36.85	516.35
HE 260 B	90.8	260	260	10.0	17.5	113.53	225	221	14355.18	1104.24	1230.32	11.24	24.98	5128.22	394.48	597.14	6.72	47.34	99.19	753.65
HE 260 C	130.8	275	264	14.0	25.0	163.53	225.0	221.0	22026.97	1601.96	1827.57	11.61	36.03	7671.72	581.19	882.25	6.85	52.34	289.40	1197.90
HE 260 M	171.8	290	268	18.0	32.5	214.73	225	221	30742.61	2120.18	2471.02	11.97	47.68	10437.42	778.91	1185.40	6.97	85.34	637.76	1728.35
HE 280 AA	58.5	264	280	7.0	10.0	73.11	244	240	9889.38	749.20	815.81	11.63	18.21	3659.37	261.38	395.00	7.07	29.34	21.54	590.11
HE 280 A	73.9	270	280	8.0	13.0	92.35	244	240	13004.70	963.31	1054.97	11.87	21.11	4757.31	339.81	513.52	7.18	36.34	45.01	785.37
HE 280 B	101.2	280	280	10.5	18.0	126.45	244	240	18601.67	1328.69	1477.18	12.13	28.26	6587.96	470.57	712.34	7.22	48.84	117.02	1130.15
HE 280 C	144.2	295	284	14.5	25.5	180.25	244.0	240.0	28138.29	1907.68	2167.95	12.49	40.13	9741.40	686.01	1041.22	7.35	53.34	332.29	1767.67
HE 280 M	188.2	310	288	18.5	33.0	235.25	244	240	38878.74	2508.31	2908.38	12.86	52.60	13151.24	913.28	1389.49	7.48	86.84	721.48	2520.23

Other custom sizes are available upon request

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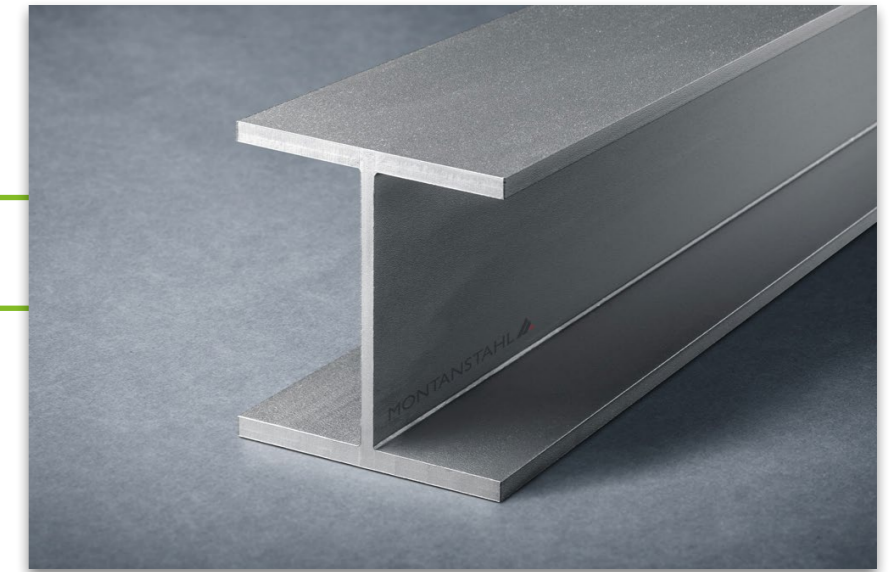
HE EUROPEAN WIDE FLANGE BEAMS



STAINLESS STEEL

Product Description

Dimensions: HE A, B, M in accordance with EN 10365
 Tolerances: EN 10034: 1993
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled

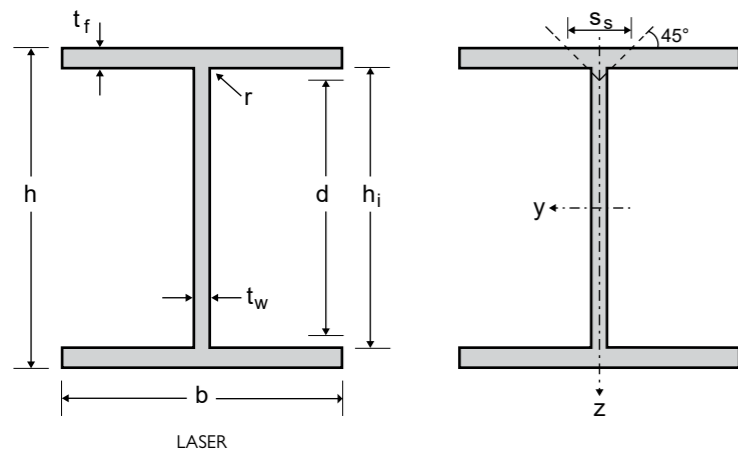


General properties							Structural properties														
Designation		Dimensions					Dimensions for detailing		Strong axis y-y					Weak axis z-z							
	G kg/m	h mm	b mm	t _w mm	t _f mm	A mm ² x10 ²	h _i mm	d* mm	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	W _{ply} mm ³ x10 ³	i _y mm x10	A _{vz} mm ² x10 ²	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	W _{plz} mm ³ x10 ³	i _z mm x10	S _s mm	I _t mm ⁴ x10 ⁴	I _w mm ⁶ x10 ⁹	
HE 300 AA	66.1	283	300	7.5	10.5	82.68	262	258	12831.05	906.79	987.53	12.46	20.89	4725.93	315.06	476.20	7.56	30.84	26.95	877.15	
HE 300 A	85	290	300	8.5	14.0	106.3	262	258	17290.45	1192.44	1305.52	12.75	24.05	6301.35	420.09	634.75	7.70	38.84	59.95	1199.77	
HE 300 B	114.3	300	300	11.0	19.0	142.85	262	258	24192.63	1612.84	1790.92	13.01	31.70	8552.92	570.19	862.95	7.74	51.34	147.14	1687.79	
HE 300 C	175.1	320	305	16.0	29.0	218.85	262.0	258.0	39977.97	2498.62	2848.92	13.52	47.75	13722.40	899.83	1365.66	7.92	60.34	519.62	2903.17	
HE 300 M	237.5	340	310	21.0	39.0	296.85	262	258	58227.97	3425.17	3999.92	14.01	64.80	19384.41	1250.61	1902.87	8.08	101.34	1263.06	4386.03	
HE 320 AA	70.7	301	300	8.0	11.0	88.35	279	275	15337.64	1019.11	1113.16	13.18	23.67	4951.20	330.08	499.48	7.49	32.34	31.53	1040.74	
HE 320 A	94.5	310	300	9.0	15.5	118.14	279	275	21818.87	1407.67	1545.04	13.59	27.16	6976.70	465.11	703.17	7.68	42.34	80.62	1512.36	
HE 320 B	124.1	320	300	11.5	20.5	155.12	279	275	29713.82	1857.11	2066.20	13.84	35.30	9228.55	615.24	931.75	7.71	54.84	183.85	2068.71	
HE 320 C	184.6	340	305	16.0	30.5	230.72	279.0	275.0	47600.99	2800.06	3190.97	14.36	50.77	14432.30	946.38	1436.52	7.91	63.34	598.44	3453.90	
HE 320 M	244.7	359	309	21.0	40.0	305.82	279	275	67025.12	3733.99	4351.98	14.80	68.62	19690.66	1274.48	1940.42	8.02	103.34	1353.67	5003.86	
HE 340 AA	75.4	320	300	8.5	11.5	94.28	297.0	293.0	18288.04	1143.00	1252.28	13.93	26.72	5176.53	345.10	522.88	7.41	33.84	36.69	1231.29	
HE 340 A	101.8	330	300	9.5	16.5	127.25	297.0	293.0	26428.86	1601.75	1761.83	14.41	30.48	7427.13	495.14	749.22	7.64	44.84	97.44	1824.36	
HE 340 B	131.7	340	300	12.0	21.5	164.67	297.0	293.0	35392.15	2081.89	2319.46	14.66	39.11	9679.29	645.29	978.21	7.67	57.34	212.62	2453.63	
HE 340 M	247.7	377	309	21.0	40.0	309.60	297.0	293.0	75107.43	3984.48	4628.93	15.58	72.40	19692.05	1274.57	1942.40	7.98	103.34	1359.22	5584.50	
HE 360 AA	80.3	339	300	9.0	12.0	100.38	315.0	311.0	21608.52	1274.84	1401.00	14.67	29.94	5401.92	360.13	546.40	7.34	35.34	42.46	1443.54	
HE 360 A	109.2	350	300	10.0	17.5	136.53	315	311	31660.94	1809.20	1994.23	15.23	33.98	7877.64	525.18	795.39	7.60	47.34	116.48	2176.58	
HE 360 B	139.5	360	300	12.5	22.5	174.41	315	311	41764.60	2320.26	2588.74	15.47	43.12	10130.14	675.34	1024.83	7.62	59.84	244.31	2883.25	
HE 360 M	250.1	395	308	21.0	40.0	312.58	315.0	311.0	83438.18	4224.72	4895.07	16.34	76.18	19503.09	1266.43	1932.05	7.90	103.34	1360.51	6137.02	
HE 400 AA	89.2	378	300	9.5	13.0	111.47	352.0	348.0	29453.23	1558.37	1718.37	16.25	35.23	5852.52	390.17	592.96	7.25	37.84	54.22	1948.42	
HE 400 A	122.2	390	300	11.0	19.0	152.75	352.0	348.0	43270.53	2219.00	2456.04	16.83	41.60	8553.92	570.26	865.67	7.48	51.34	151.13	2942.08	
HE 400 B	153.2	400	300	13.5	24.0	191.55	352.0	348.0	55881.66	2794.08	3125.98	17.08	51.75	10807.23	720.48	1096.06	7.51	63.84	300.23	3817.15	
HE 400 M	255.6	432	307	21.0	40.0	319.55	352.0	348.0	102320.23	4737.05	5464.86	17.89	83.95	19316.84	1258.43	1923.83	7.77	103.34	1367.67	7410.30	
HE 450 AA	96.7	425	300	10.0	13.5	120.83	398.0	394.0	39569.35	1862.09	2063.27	18.10	41.72	6078.33	405.22	617.47	7.09	39.34	62.75	2571.73	
HE 450 A	137.4	440	300	11.5	21.0	171.8	398	394	61403.35	2791.06	3095.79	18.91	49.06	9455.06	630.34	958.18	7.42	55.84	202.31	4147.63	

Other custom sizes are available upon request

* This dimension is related to the internal radius, achieved by the various producer. At Millstock Stainless beams are produced with radius of ≤2mm.

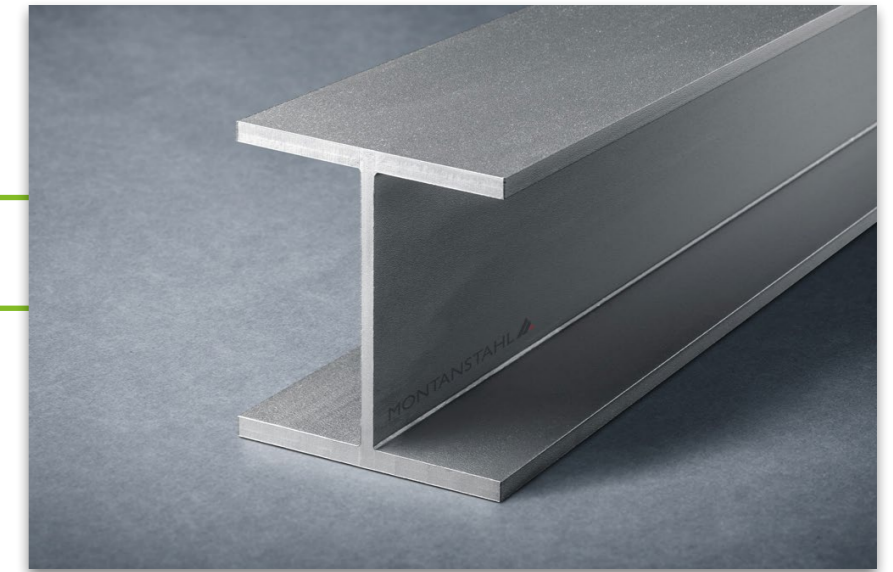
HE EUROPEAN WIDE FLANGE BEAMS



STAINLESS STEEL

Product Description

Dimensions: HE A, B, M in accordance with EN 10365
 Tolerances: EN 10034: 1993
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled

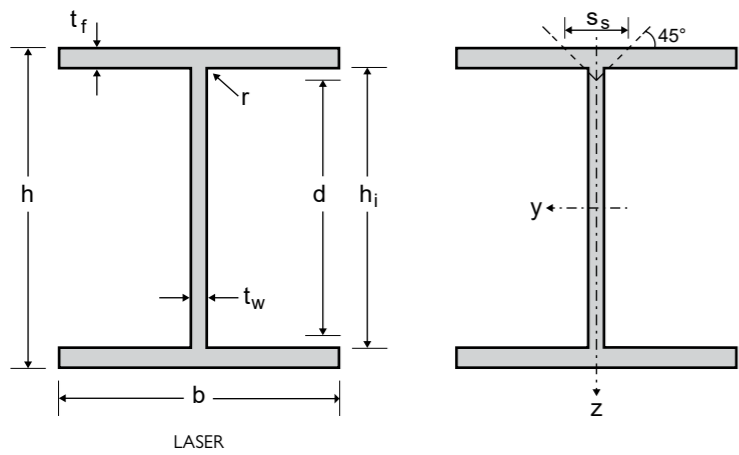


General properties							Structural properties													
Designation		Dimensions					Dimensions for detailing		Strong axis y-y					Weak axis z-z						
	G kg/m	h mm	b mm	t _w mm	t _f mm	A mm ² x10 ²	h _i mm	d* mm	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	W _{ply} mm ³ x10 ³	i _y mm x10	A _{vz} mm ² x10 ²	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	W _{plz} mm ³ x10 ³	i _z mm x10	S _s mm	I _t mm ⁴ x10 ⁴	I _w mm ⁶ x10 ⁹
HE 450 B	169.4	450	300	14.0	26.0	211.75	398	394	77569.28	3447.52	3862.30	19.14	60.43	11709.12	780.61	1189.53	7.44	68.34	379.89	5258.45
HE 450 M	263.4	478	307	21.0	40.0	329.21	398.0	394.0	129166.06	5404.44	6210.94	19.81	93.61	19320.39	1258.66	1928.90	7.66	103.34	1381.87	9251.50
HE 500 AA	104.5	472	300	10.5	14.0	130.65	444.0	440.0	51739.75	2192.36	2441.84	19.90	48.68	6304.29	420.29	642.26	6.95	40.84	72.36	3303.78
HE 500 A	153.1	490	300	12.0	23.0	191.31	444.0	440.0	84071.23	3431.48	3814.47	20.96	56.99	10356.41	690.43	1051.01	7.36	60.34	263.81	5643.05
HE 500 B	185.9	500	300	14.5	28.0	232.41	444.0	440.0	104272.24	4170.89	4680.18	21.18	69.59	12611.30	840.75	1283.36	7.37	72.84	472.29	7017.70
HE 500 M	270.5	524	306	21.0	40.0	338.07	444.0	440.0	159025.39	6069.67	6959.88	21.69	103.27	19136.05	1250.72	1921.71	7.52	103.34	1391.80	11186.75
HE 550 AA	117.3	522	300	11.5	15.0	146.61	492.0	488.0	69286.92	2654.67	2978.28	21.74	58.94	6756.25	450.42	691.29	6.79	43.84	92.96	4337.70
HE 550 A	164.4	540	300	12.5	24.0	205.53	492	488	108347.76	4012.88	4472.49	22.96	65.49	10808.02	720.53	1099.24	7.25	62.84	302.37	7188.91
HE 550 B	198.3	550	300	15.0	29.0	247.83	492	488	133106.42	4840.23	5441.28	23.17	79.34	13063.86	870.92	1332.70	7.26	75.34	529.36	8855.76
HE 550 M	278.5	572	306	21.0	40.0	348.15	492.0	488.0	194399.50	6797.19	7783.36	23.63	113.35	19139.76	1250.96	1927.00	7.41	103.34	1406.62	13515.63
HE 600 AA	126.3	571	300	12.0	15.5	157.83	540.0	536.0	87534.88	3066.02	3458.80	23.55	67.31	6982.79	465.52	716.96	6.65	45.34	106.20	5380.87
HE 600 A	176.2	590	300	13.0	25.0	220.23	540.0	536.0	136871.05	4639.70	5186.13	24.93	74.48	11259.90	750.66	1147.84	7.15	65.34	344.73	8978.20
HE 600 B	211.0	600	300	15.5	30.0	263.73	540.0	536.0	166704.05	5556.80	6260.88	25.14	89.58	13516.78	901.12	1382.46	7.16	77.84	591.14	10965.38
HE 600 M	285.9	620	305	21.0	40.0	357.43	540.0	536.0	233110.48	7519.69	8607.83	25.54	123.43	18956.80	1243.07	1920.07	7.28	103.34	1417.17	15907.59
HE 600 x 337	338.3	632	310	25.5	46.0	422.93	540.0	536.0	278830.30	8823.74	10216.24	25.68	151.30	22914.44	1478.35	2298.13	7.36	94.34	2228.45	19607.71
HE 600 x 399	401.8	648	315	30.0	54.0	502.23	540.0	536.0	340304.65	10503.23	12291.87	26.03	180.39	28251.87	1793.77	2800.63	7.50	110.34	3635.59	24813.45
HE 650 AA	135.6	620	300	12.5	16.0	169.53	588.0	584.0	108782.73	3509.12	3980.66	25.33	76.17	7209.59	480.64	742.99	6.52	46.84	120.94	6566.69
HE 650 A	188.3	640	300	13.5	26.0	235.41	588.0	584.0	170016.88	5313.03	5957.09	26.87	83.96	11712.07	780.80	1196.82	7.05	67.84	391.09	11027.13
HE 650 B	224.1	650	300	16.0	31.0	280.11	588.0	584.0	205454.74	6321.68	7140.68	27.08	100.31	13970.09	931.34	1432.66	7.06	80.34	657.86	13362.74
HE 650 M	294.0	668	305	21.0	40.0	367.51	588.0	584.0	276506.22	8278.63	9477.76	27.43	133.51	18960.50	1243.31	1925.36	7.18	103.34	1431.99	18649.52
HE 650 x 343	347.4	680	309	25.5	46.0	434.25	588.0	584.0	329401.71	9688.29	11216.80	27.54	163.54	22700.76	1469.30	2291.70	7.23	94.34	2248.49	22730.06
HE 650 x 407	412.4	696	314	30.0	54.0	515.55	588.0	584.0	401110.66	11526.17	13479.84	27.89	194.79	27995.61	1783.16	2794.45	7.37	110.34	3668.29	28710.55
HE 700 AA	147.8	670	300	13.0	17.0	184.71	636.0	632.0	136663.26	4079.50	4646.00	27.20	85.60	7661.66	510.78	791.89	6.44	49.34	145.51	8155.07
HE 700 A	203.4	690	300	14.5	27.0	254.25	636.0	632.0	209244.00	6065.04	6837.69	28.69	97.25	12166.18	811.08	1248.46	6.92	70.84	448.81	13351.91

Other custom sizes are available upon request

* This dimension is related to the internal radius, achieved by the various producer. At Millstock Stainless beams are produced with radius of ≤2mm.

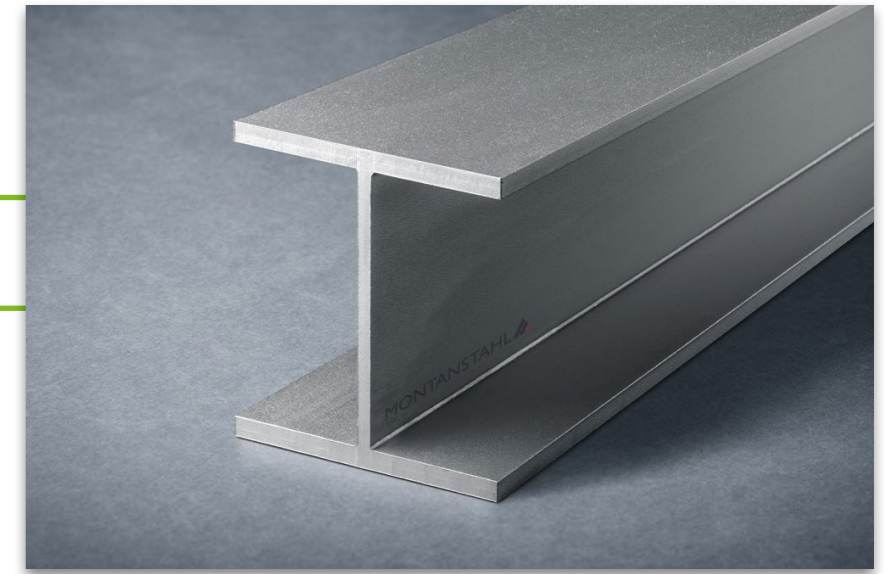
HE EUROPEAN WIDE FLANGE BEAMS



STAINLESS STEEL

Product Description

Dimensions: HE A, B, M in accordance with EN 10365
 Tolerances: EN 10034: 1993
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled



General properties							Structural properties														
Designation		Dimensions					Dimensions for detailing		Strong axis y-y					Weak axis z-z							
	G kg/m	h mm	b mm	t _w mm	t _f mm	A mm ² x10 ²	h _i mm	d* mm	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	W _{ply} mm ³ x10 ³	i _y mm x10	A _{vz} mm ² x10 ²	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	W _{plz} mm ³ x10 ³	i _z mm x10	S _s mm	I _t mm ⁴ x10 ⁴	I _w mm ⁶ x10 ⁹	
HE 700 B	240.1	700	300	17.0	32.0	300.15	636.0	632.0	250831.07	7166.60	8133.00	28.91	114.87	14426.07	961.74	1485.98	6.93	83.34	739.76	16064.06	
HE 700 M	301.4	716	304	21.0	40.0	376.79	636.0	632.0	323220.70	9028.51	10344.85	29.29	143.59	18778.77	1235.45	1918.48	7.06	103.34	1442.54	21397.49	
HE 700 x 352	353.9	728	308	25.0	46.0	442.39	636.0	632.0	383623.85	10539.12	12191.77	29.45	172.37	22483.42	1459.96	2281.29	7.13	94.34	2244.96	26047.59	
HE 700 x 418	420.6	744	313	29.5	54.0	525.69	636.0	632.0	466451.12	12539.01	14646.63	29.79	205.74	27734.01	1772.14	2783.58	7.26	110.34	3667.59	32848.36	
HE 800 AA	168.6	770	300	14.0	18.0	210.79	734.0	730.0	198896.85	5166.15	5947.70	30.72	106.03	8116.80	541.12	845.99	6.21	52.34	184.73	11451.46	
HE 800 A	222.5	790	300	15.0	28.0	278.13	734.0	730.0	293457.24	7429.30	8422.39	32.48	115.45	12620.67	841.38	1301.31	6.74	73.34	510.51	18290.29	
HE 800 B	261.2	800	300	17.5	33.0	326.48	734.0	730.0	349098.22	8727.46	9951.62	32.70	135.58	14882.81	992.19	1541.23	6.75	85.84	827.34	21840.23	
HE 800 M	317.3	814	303	21.0	40.0	396.57	734.0	730.0	432612.60	10629.30	12210.61	33.03	164.17	18602.11	1227.86	1917.14	6.85	103.34	1468.53	27775.29	
HE 800 x 373	373.5	826	308	25.0	46.0	466.89	734.0	730.0	513921.13	12443.61	14419.52	33.18	196.87	22496.18	1460.79	2296.60	6.94	94.34	2296.00	34071.24	
HE 800 x 444	446.6	842	313	30.0	54.0	558.27	734.0	730.0	624489.07	14833.47	17360.70	33.45	238.59	27763.10	1774.00	2810.37	7.05	110.34	3789.20	42841.83	
HE 900 AA	195.6	870	300	15.0	20.0	244.53	830.0	826.0	288322.38	6628.10	7684.80	34.34	128.33	9023.37	601.56	946.71	6.07	57.34	254.07	16256.25	
HE 900 A	250.3	890	300	16.0	30.0	312.83	830.0	826.0	409252.28	9196.68	10497.02	36.17	138.83	13528.36	901.89	1403.15	6.58	78.34	638.35	24961.50	
HE 900 B	290.9	900	300	18.5	35.0	363.58	830.0	826.0	481242.00	10694.27	12270.09	36.38	161.46	15793.83	1052.92	1646.05	6.59	90.84	1003.74	29461.36	
HE 900 M	332.7	910	302	21.0	40.0	415.93	830.0	826.0	557611.47	12255.20	14127.75	36.61	184.33	18426.50	1220.30	1915.63	6.66	103.34	1493.89	34746.26	
HE 900 x 391	392.0	922	307	25.0	46.0	489.97	830.0	826.0	661523.53	14349.75	16677.92	36.74	220.87	22291.20	1452.20	2297.46	6.74	94.34	2339.52	42556.89	
HE 900 x 466	468.8	938	312	30.0	54.0	585.99	830.0	826.0	802123.11	17102.84	20061.81	37.00	267.39	27521.03	1764.17	2815.09	6.85	110.34	3865.10	53401.18	
HE 1000 AA	219.6	970	300	16.0	21.0	274.51	928.0	924.0	390366.57	8048.80	9425.03	37.71	152.71	9481.70	632.11	1004.42	5.88	60.34	312.95	21276.70	
HE 1000 x 249	247.3	980	300	16.5	26.0	309.15	928.0	924.0	464993.98	9489.67	10995.18	38.78	158.48	11734.77	782.32	1233.19	6.16	54.34	485.96	26620.89	
HE 1000 A	271.3	990	300	16.5	31.0	339.15	928.0	924.0	537761.48	10863.87	12472.68	39.82	159.51	13984.77	932.32	1458.19	6.42	80.84	717.54	32073.87	
HE 1000 B	313.9	1000	300	19.0	36.0	392.35	928.0	924.0	628663.54	12573.27	14503.42	40.03	184.63	16253.08	1083.54	1703.79	6.44	93.34	1112.68	37636.49	
HE 1000 M	349.2	1008	302	21.0	40.0	436.51	928.0	924.0	706214.69	14012.20	16216.25	40.22	204.91	18434.06	1220.80	1926.43	6.50	103.34	1524.15	43015.04	
HE 1000 x 393	394.0	1016	303	24.4	43.9	492.55	928.2	924.2	791596.80	15582.61	18187.66	40.09	238.98	20466.02	1350.89	2153.40	6.45	90.14	2091.54	48084.27	
HE 1000 x 415	416.8	1020	304	26.0	46.0	520.99	928.0	924.0	837036.61	16412.48	19219.70	40.08	255.11	21675.07	1425.99	2282.45	6.45	94.34	2438.11	51084.04	
HE 1000 x 438	438.9	1026	305	26.9	49.0	548.57	928.0	924.0	893092.86	17409.22	20394.32	40.35	264.81	23321.57	1529.28	2447.04	6.52	100.34	2886.33	55293.42	
HE 1000 x 494	497.1	1036	309	31.0	54.0	621.43	928.0	924.0	1011874.75	19534.26	23061.42	40.35	306.61	26783.74	1733.58	2800.99	6.57	110.34	4019.01	64014.88	
HE 1000 x 584	588.8	1056	314	36.0	64.0	736.03	928.0	924.0	1229986.80	23295.20	27687.48	40.88	359.71	33384.01	2126.37	3455.81	6.73	130.34	6623.55	81242.08	

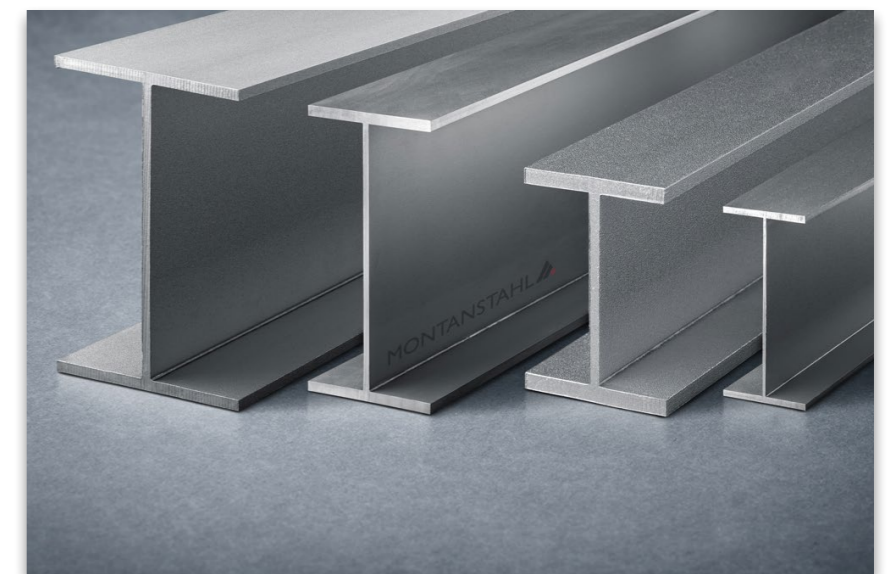
Other custom sizes are available upon request

* This dimension is related to the internal radius, achieved by the various producer. At Millstock Stainless beams are produced with radius of ≤2mm.



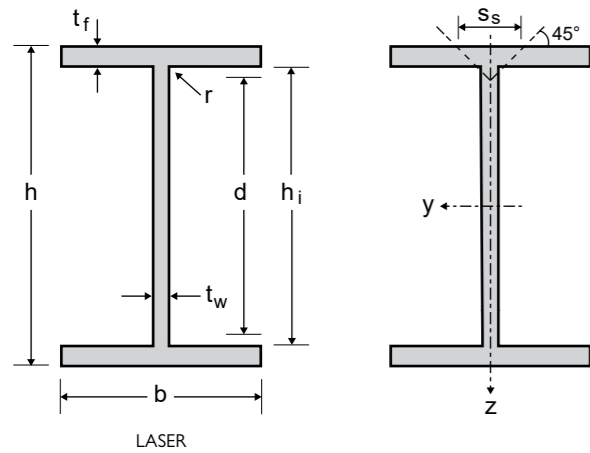
STAINLESS STEEL

IPE BEAMS



LASER WELDED PROFILES

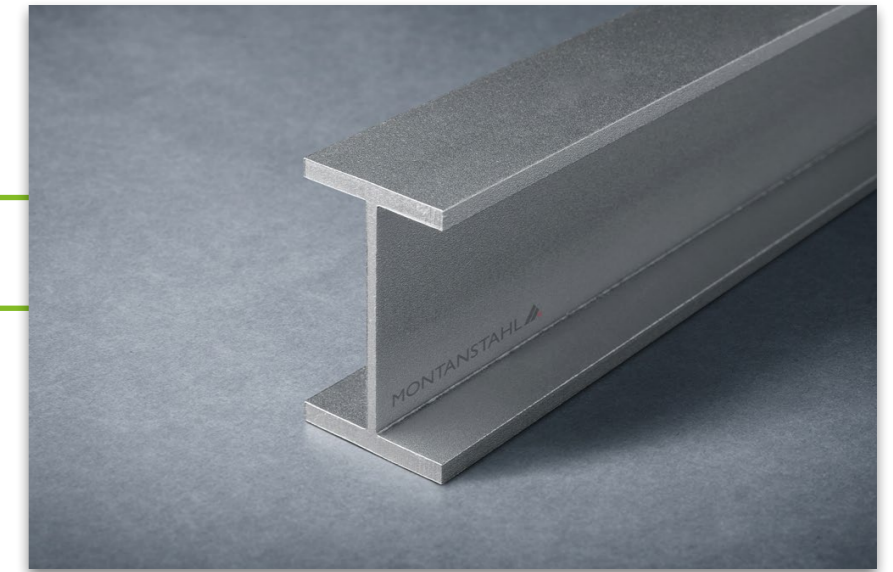
IPE EUROPEAN I BEAMS



STAINLESS STEEL

Product Description

Dimensions: IPE in accordance with EN 10365
 IPE AAAA - AAA according to Montanstahl mill standard
 Tolerances: EN 10034: 1993
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled

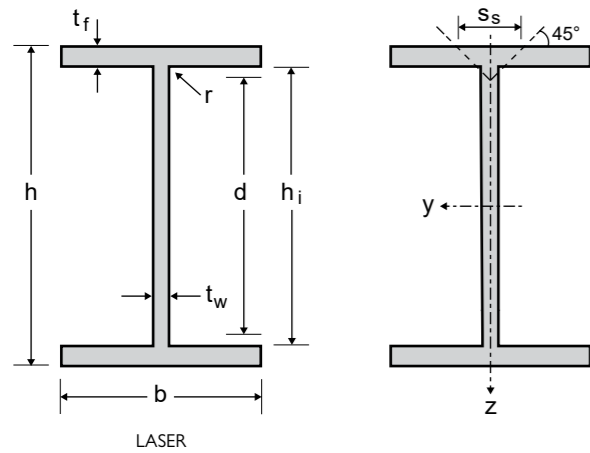


General properties							Structural properties													
Designation		Dimensions					Dimensions for detailing		Strong axis y-y					Weak axis z-z						
	G kg/m	h mm	b mm	t _w mm	t _f mm	A mm ² x10 ²	h _i mm	d* mm	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	W _{ply} mm ³ x10 ³	i _y mm x10	A _{vz} mm ² x10 ²	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	W _{plz} mm ³ x10 ³	i _z mm x10	S _s mm	I _t mm ⁴ x10 ⁴	I _w mm ⁶ x10 ⁹
IPE AAAA 80	3.9	76	46	2.9	3.1	4.91	69.8	65.8	46.54	12.25	14.05	3.08	2.27	5.04	2.19	3.43	1.01	11.44	0.16	0.07
IPE AAA 80	4.7	78	46	3.0	4.0	5.81	70.0	66.0	59.41	15.23	17.41	3.20	2.41	6.51	2.83	4.40	1.06	13.34	0.28	0.09
IPE AA 80	4.9	78	46	3.2	4.2	6.13	69.6	65.6	62.07	15.91	18.25	3.18	2.56	6.83	2.97	4.63	1.06	13.94	0.32	0.09
IPE A 80	5.0	78	46	3.3	4.2	6.20	69.6	65.6	62.35	15.99	18.37	3.17	2.64	6.84	2.97	4.64	1.05	14.04	0.33	0.09
IPE 80	6.0	80	46	3.8	5.2	7.46	69.6	65.6	78.11	19.53	22.61	3.24	3.08	8.47	3.68	5.76	1.07	16.54	0.59	0.12
IPE AAAA 100	5.3	96	55	2.9	3.6	6.57	88.8	84.8	102.15	21.28	24.16	3.94	2.86	10.00	3.64	5.64	1.23	12.44	0.26	0.21
IPE AAA 100	6.5	97	55	3.6	4.5	8.15	88.0	84.0	127.06	26.20	30.01	3.95	3.54	12.51	4.55	7.10	1.24	14.94	0.50	0.27
IPE AA 100	6.5	97.6	55	3.6	4.5	8.17	88.6	84.6	128.87	26.41	30.26	3.97	3.57	12.51	4.55	7.10	1.24	14.94	0.50	0.27
IPE A 100	6.7	98	55	3.6	4.7	8.39	88.6	84.6	134.13	27.37	31.33	4.00	3.58	13.07	4.75	7.40	1.25	15.34	0.54	0.28
IPE 100	7.9	100	55	4.1	5.7	9.94	88.6	84.6	163.98	32.80	37.76	4.06	4.13	15.86	5.77	9.00	1.26	17.84	0.92	0.35
IPE AAAA 120	6.6	115	64	3.0	3.9	8.24	107.2	103.2	185.88	32.33	36.53	4.75	3.52	17.06	5.33	8.24	1.44	13.14	0.37	0.53
IPE AAA 120	7.8	117	64	3.5	4.6	9.70	107.8	103.8	223.59	38.22	43.44	4.80	4.15	20.14	6.29	9.76	1.44	15.04	0.59	0.63
IPE AA 120	8.2	117	64	3.8	4.8	10.26	107.4	103.4	233.69	39.95	45.61	4.77	4.49	21.02	6.57	10.23	1.43	15.74	0.70	0.66
IPE A 120	8.5	117.6	64	3.8	5.1	10.64	107.4	103.4	246.90	41.99	47.86	4.82	4.51	22.33	6.98	10.84	1.45	16.34	0.79	0.71
IPE 120	10.3	120	64	4.4	6.3	12.82	107.4	103.4	307.29	51.21	58.71	4.90	5.29	27.60	8.63	13.43	1.47	19.34	1.41	0.89
IPE AAAA 140	8.1	134	73	3.3	4.1	10.17	125.8	121.8	308.69	46.07	52.15	5.51	4.49	26.62	7.29	11.27	1.62	13.84	0.51	1.12
IPE AAA 140	9.4	136	73	3.5	5.0	11.74	126.0	122.0	373.03	54.86	61.92	5.64	4.82	32.46	8.89	13.72	1.66	15.84	0.81	1.39
IPE AA 140	9.9	136.6	73	3.8	5.2	12.42	126.2	122.2	392.88	57.52	65.22	5.62	5.24	33.77	9.25	14.32	1.65	16.54	0.94	1.46
IPE A 140	10.4	137.4	73	3.8	5.6	13.01	126.2	122.2	420.28	61.18	69.23	5.68	5.27	36.37	9.96	15.38	1.67	17.34	1.11	1.58
IPE 140	12.8	140	73	4.7	6.9	16.04	126.2	122.2	526.64	75.23	85.97	5.73	6.57	44.85	12.29	19.09	1.67	20.84	2.07	1.98
IPE AAAA 160	9.9	154	82	3.6	4.3	12.32	145.4	141.4	489.21	63.53	72.06	6.30	5.60	39.57	9.65	14.94	1.79	14.54	0.69	2.21
IPE AAA 160	11.4	156	82	3.7	5.4	14.26	145.2	141.2	598.54	76.74	86.44	6.48	5.82	49.69	12.12	18.66	1.87	16.84	1.13	2.81
IPE AA 160	12.0	156.4	82	4.0	5.6	15.03	145.2	141.2	626.20	80.08	90.58	6.46	6.29	51.54	12.57	19.42	1.85	17.54	1.30	2.93
IPE A 160	12.4	157	82	4.0	5.9	15.52	145.2	141.2	656.40	83.62	94.43	6.50	6.31	54.30	13.24	20.43	1.87	18.14	1.46	3.09
IPE 160	15.5	160	82	5.0	7.4	19.43	145.2	141.2	836.41	104.55	119.20	6.56	7.96	68.16	16.62	25.80	1.87	22.14	2.86	3.96

Other custom sizes are available upon request

* This dimension is related to the internal radius, achieved by the various producer. At Millstock Stainless beams are produced with radius of ≤2mm.

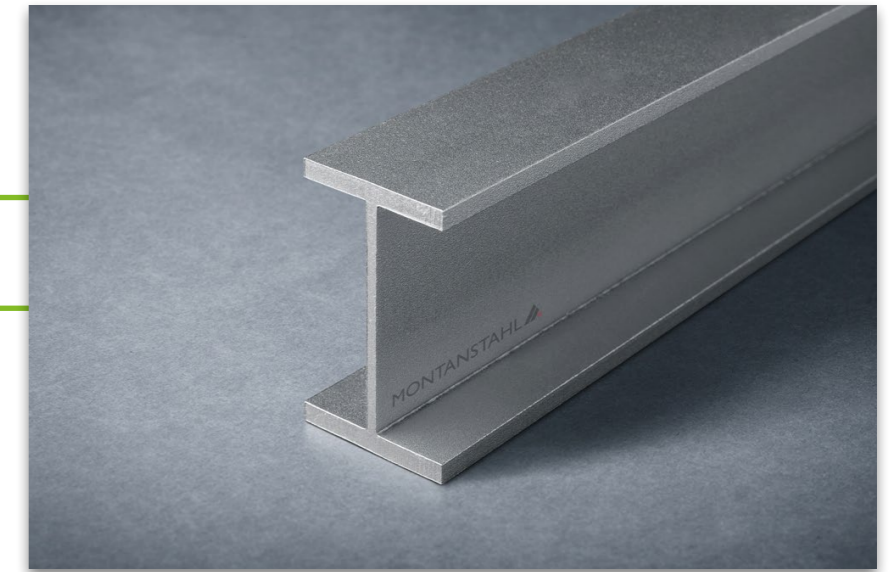
IPE EUROPEAN I BEAMS



STAINLESS STEEL

Product Description

Dimensions: IPE in accordance with EN 10365
 IPE AAAA - AAA according to Montanstahl mill standard
 Tolerances: EN 10034: 1993
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled

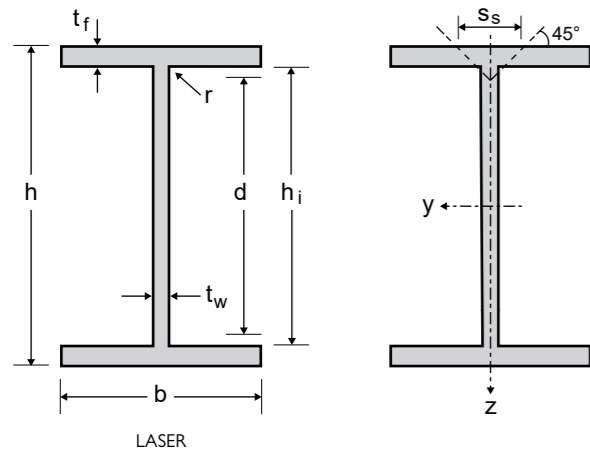


General properties							Structural properties													
Designation		Dimensions					Dimensions for detailing		Strong axis y-y					Weak axis z-z						
	G kg/m	h mm	b mm	t _w mm	t _f mm	A mm ² x10 ²	h _i mm	d* mm	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	W _{ply} mm ³ x10 ³	i _y mm x10	A _{vz} mm ² x10 ²	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	W _{plz} mm ³ x10 ³	i _z mm x10	S _s mm	I _t mm ⁴ x10 ⁴	I _w mm ⁶ x10 ⁹
IPE AAAA 180	12.3	174	91	3.9	4.9	15.36	164.2	160.2	783.87	90.10	101.97	7.14	6.83	61.62	13.54	20.92	2.00	16.04	1.07	4.40
IPE AAA 180	13.9	176	91	3.9	6.0	17.35	164.0	160.0	934.94	106.24	119.32	7.34	6.90	75.44	16.58	25.47	2.09	18.24	1.66	5.44
IPE AA 180	14.7	176.4	91	4.3	6.2	18.37	164.0	160.0	977.89	110.87	125.22	7.30	7.60	77.98	17.14	26.44	2.06	19.04	1.91	5.64
IPE A 180	15.1	177	91	4.3	6.5	18.92	164.0	160.0	1020.51	115.31	130.04	7.34	7.63	81.75	17.97	27.68	2.08	19.64	2.13	5.93
IPE 180	18.6	180	91	5.3	8.0	23.29	164.0	160.0	1274.74	141.64	161.13	7.40	9.47	100.68	22.13	34.29	2.08	23.64	3.96	7.43
IPE O 180	21.1	182	92	6.0	9.0	26.43	164.0	160.0	1463.01	160.77	183.87	7.44	10.77	117.10	25.46	39.58	2.10	26.34	5.69	8.74
IPE AAAA 200	14.3	193	100	4.1	5.2	17.92	182.6	178.6	1128.08	116.90	132.14	7.93	7.94	86.77	17.35	26.78	2.20	16.84	1.39	7.64
IPE AAA 200	16.4	196	100	4.1	6.5	20.54	183.0	179.0	1379.78	140.79	157.81	8.20	8.06	108.44	21.69	33.28	2.30	19.44	2.27	9.73
IPE AA 200	17.3	196.4	100	4.5	6.7	21.67	183.0	179.0	1438.70	146.51	165.09	8.15	8.84	111.81	22.36	34.44	2.27	20.24	2.59	10.05
IPE A 200	17.8	197	100	4.5	7.0	22.27	183.0	179.0	1496.74	151.95	170.99	8.20	8.86	116.81	23.36	35.94	2.29	20.84	2.87	10.53
IPE 200	21.8	200	100	5.6	8.5	27.28	183.0	179.0	1848.44	184.84	209.97	8.23	11.10	141.94	28.39	43.95	2.28	24.94	5.20	12.99
IPE O 200	24.6	202	102	6.2	9.5	30.76	183.0	179.0	2116.32	209.54	238.75	8.29	12.35	168.39	33.02	51.19	2.34	27.54	7.31	15.57
IPE AA 220	20.6	216.4	110	4.7	7.4	25.79	201.6	197.6	2102.93	194.36	218.23	9.03	10.15	164.33	29.88	45.89	2.52	21.84	3.69	17.93
IPE A 220	21.6	217	110	5.0	7.7	27.05	201.6	197.6	2200.90	202.85	228.42	9.02	10.81	171.02	31.10	47.86	2.51	22.74	4.22	18.71
IPE 220	25.7	220	110	5.9	9.2	32.17	201.6	197.6	2656.23	241.48	273.62	9.09	12.84	204.44	37.17	57.43	2.52	26.64	7.11	22.67
IPE O 220	29.0	222	112	6.6	10.2	36.19	201.6	197.6	3018.44	271.93	309.37	9.13	14.42	239.33	42.74	66.18	2.57	29.34	9.87	26.79
IPE AA 240	23.9	236.4	120	4.8	8.0	29.81	220.4	216.4	2937.40	248.51	277.93	9.93	11.32	230.61	38.43	58.88	2.78	23.14	4.91	30.05
IPE A 240	25.1	237	120	5.2	8.3	31.42	220.4	216.4	3073.94	259.40	291.31	9.89	12.26	239.30	39.88	61.26	2.76	24.14	5.62	31.26
IPE 240	29.8	240	120	6.2	9.8	37.22	220.4	216.4	3675.10	306.26	346.39	9.94	14.70	282.68	47.11	72.69	2.76	28.14	9.28	37.39
IPE O 240	33.5	242	122	7.0	10.8	41.81	220.4	216.4	4152.74	343.20	390.01	9.97	16.65	327.49	53.69	83.09	2.80	30.94	12.77	43.68
IPE A 270	29.8	267	135	5.5	8.7	37.25	249.6	245.6	4637.57	347.38	389.46	11.16	14.59	357.10	52.90	81.18	3.10	25.24	7.33	59.51
IPE 270	35.2	270	135	6.6	10.2	44.05	249.6	245.6	5510.06	408.15	460.97	11.18	17.59	418.87	62.05	95.68	3.08	29.34	11.96	70.58
IPE O 270	41.6	274	136	7.5	12.2	51.94	249.6	245.6	6667.32	486.67	551.62	11.33	20.16	512.36	75.35	116.35	3.14	34.24	19.86	87.64
IPE A 300	35.7	297	150	6.1	9.2	44.63	278.6	274.6	6823.00	459.46	516.01	12.36	17.96	518.03	69.07	106.10	3.41	26.84	9.93	107.16

Other custom sizes are available upon request

* This dimension is related to the internal radius, achieved by the various producer. At Millstock Stainless beams are produced with radius of ≤2mm.

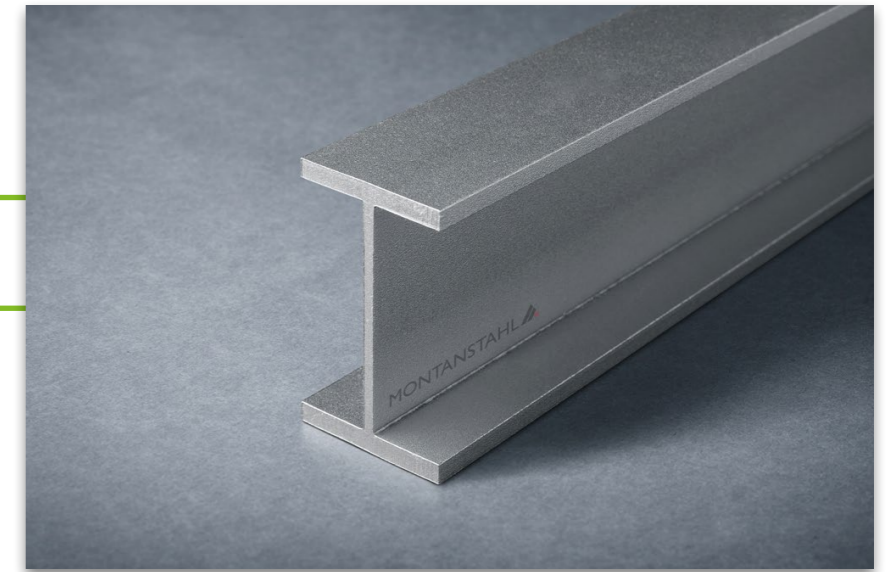
IPE EUROPEAN I BEAMS



STAINLESS STEEL

Product Description

Dimensions: IPE in accordance with EN 10365
 IPE AAAA - AAA according to Montanstahl mill standard
 Tolerances: EN 10034: 1993
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled

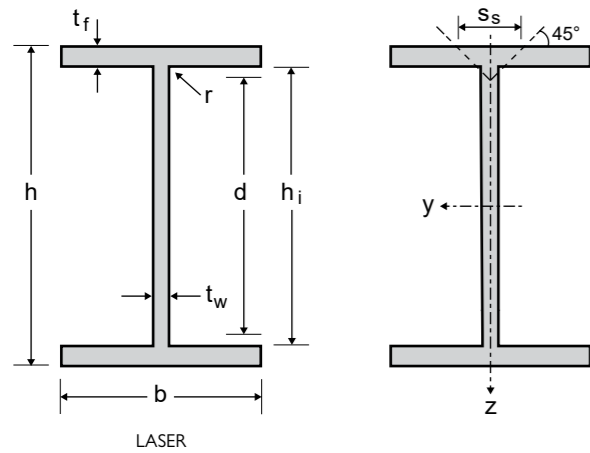


General properties							Structural properties														
Designation		Dimensions					Dimensions for detailing		Strong axis y-y					Weak axis z-z							
	G kg/m	h mm	b mm	tw mm	tf mm	A mm² x10²	hi mm	d*	Iy mm⁴ x10⁴	Wely mm³ x10³	Wply mm³ x10³	iy mm x10	Avz mm² x10²	Iz mm⁴ x10⁴	Welz mm³ x10³	Wplz mm³ x10³	iz mm x10	ss mm	It mm⁴ x10⁴	Iw mm⁶ x10⁹	
IPE 300	41.5	300	150	7.1	10.7	51.91	278.6	274.6	8005.61	533.71	602.58	12.42	21.00	602.71	80.36	123.90	3.41	30.84	15.61	125.93	
IPE O 300	48.7	304	152	8.0	12.7	60.93	278.6	274.6	9643.71	634.45	718.04	12.58	23.85	744.53	97.96	151.18	3.50	35.74	25.41	157.69	
IPE A 330	41.6	327	160	6.5	10.0	51.99	307.0	303.0	9617.11	588.20	660.88	13.60	21.04	683.37	85.42	131.26	3.63	28.84	13.50	171.50	
IPE 330	47.9	330	160	7.5	11.5	59.86	307.0	303.0	11153.19	675.95	763.28	13.65	24.38	786.15	98.27	151.53	3.62	32.84	20.54	199.10	
IPE O 330	55.9	334	162	8.5	13.5	69.87	307.0	303.0	13296.67	796.21	901.74	13.80	27.82	958.17	118.29	182.71	3.70	37.84	32.69	245.65	
IPE A 360	49.0	357.6	170	6.6	11.5	61.22	334.6	330.6	13783.22	770.87	861.93	15.01	23.34	942.46	110.88	169.83	3.92	31.94	20.29	281.99	
IPE 360	56.0	360	170	8.0	12.7	69.98	334.6	330.6	15533.39	862.97	974.31	14.90	28.33	1041.35	122.51	188.88	3.86	35.74	28.82	313.58	
IPE O 360	65.1	364	172	9.2	14.7	81.39	334.6	330.6	18315.23	1006.33	1141.24	15.00	32.76	1248.85	145.22	224.54	3.92	40.94	44.82	380.27	
IPE A 400	55.5	397	180	7.0	12.0	69.34	373.0	369.0	19052.59	959.83	1075.71	16.58	27.46	1167.47	129.72	198.98	4.10	33.34	24.83	432.22	
IPE 400	64.6	400	180	8.6	13.5	80.71	373.0	369.0	21888.36	1094.42	1238.96	16.47	33.81	1314.18	146.02	225.61	4.04	37.94	37.30	490.05	
IPE O 400	74.1	404	182	9.7	15.5	92.64	373.0	369.0	25507.03	1262.72	1433.99	16.59	38.34	1560.23	171.45	265.50	4.10	43.04	56.14	587.65	
IPE V 400	82.6	408	182	10.6	17.5	103.27	373.0	369.0	28896.28	1416.48	1613.07	16.73	42.13	1762.05	193.63	300.33	4.13	37.34	78.92	670.32	
IPE A 450	65.4	447	190	7.6	13.1	81.80	420.8	416.8	28171.46	1260.47	1417.14	18.56	33.53	1499.09	157.80	242.55	4.28	36.14	34.35	704.86	
IPE 450	76.1	450	190	9.4	14.6	95.07	420.8	416.8	32155.58	1429.14	1624.64	18.39	41.55	1671.95	175.99	272.84	4.19	40.94	50.87	791.01	
IPE O 450	91.1	456	192	11.0	17.6	113.91	420.8	416.8	39336.06	1725.27	1969.11	18.58	48.96	2080.86	216.76	337.15	4.27	48.54	87.68	997.58	
IPE V 450	102.6	460	194	12.4	19.6	128.26	420.8	416.8	44613.26	1939.71	2224.22	18.65	55.43	2391.82	246.58	385.03	4.32	41.54	122.91	1156.50	
IPE A 500	77.9	497	200	8.4	14.5	97.35	468.0	464.0	40961.02	1648.33	1860.00	20.51	41.14	1935.65	193.57	298.27	4.46	39.74	49.43	1125.23	
IPE 500	89.4	500	200	10.2	16.0	111.77	468.0	464.0	46226.12	1849.04	2108.11	20.34	50.04	2137.48	213.75	332.19	4.37	44.54	70.78	1249.37	
IPE O 500	106.4	506	202	12.0	19.0	132.95	468.0	464.0	55804.88	2205.73	2526.98	20.49	59.23	2616.85	259.09	404.51	4.44	52.34	118.27	1547.58	
IPE V 500	128.3	514	204	14.2	23.0	160.33	468.0	464.0	68747.25	2674.99	3082.11	20.71	70.68	3265.56	320.15	502.20	4.51	48.34	207.15	1961.42	
IPE A 550	89.9	547	210	9.0	15.7	112.38	515.6	511.6	56850.26	2078.62	2350.73	22.49	48.48	2426.44	231.09	356.64	4.65	42.74	65.99	1710.12	
IPE 550	103.6	550	210	11.1	17.2	129.51	515.6	511.6	63987.40	2326.81	2663.07	22.23	59.86	2660.71	253.40	395.16	4.53	47.84	94.23	1884.10	
IPE O 550	120.9	556	212	12.7	20.2	151.16	515.6	511.6	76028.24	2734.83	3139.45	22.43	68.89	3216.62	303.45	474.75	4.61	55.44	150.23	2302.25	

Other custom sizes are available upon request

* This dimension is related to the internal radius, achieved by the various producer. At Millstock Stainless beams are produced with radius of ≤2mm.

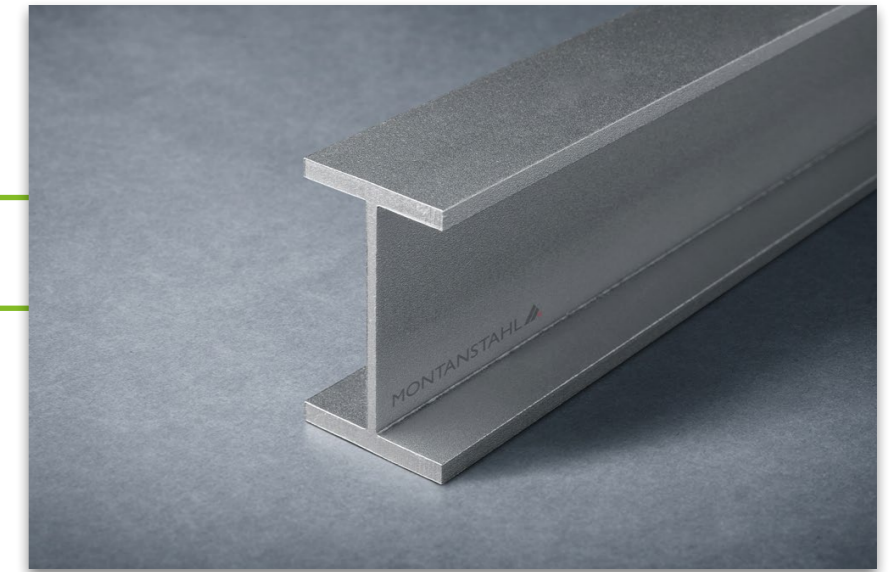
IPE EUROPEAN I BEAMS



STAINLESS STEEL

Product Description

Dimensions: IPE in accordance with EN 10365
 IPE AAAA - AAA according to Montanstahl mill standard
 Tolerances: EN 10034: 1993
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled



General properties							Structural properties														
Designation		Dimensions					Dimensions for detailing		Strong axis y-y					Weak axis z-z							
	G kg/m	h mm	b mm	t _w mm	t _f mm	A mm ² x10 ²	h _i mm	d* mm	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	W _{ply} mm ³ x10 ³	i _y mm x10	A _{vz} mm ² x10 ²	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	W _{plz} mm ³ x10 ³	i _z mm x10	S _s mm	I _t mm ⁴ x10 ⁴	I _w mm ⁶ x10 ⁹	
IPE V 550	157.7	566	216	17.1	25.2	197.07	515.6	511.6	99209.84	3505.65	4081.05	22.44	93.52	4254.14	393.90	625.59	4.65	52.74	314.15	3094.74	
IPE A 600	105.7	597	220	9.8	17.5	132.11	562.0	558.0	79188.26	2652.87	3005.86	24.48	57.53	3110.08	282.73	437.01	4.85	47.14	94.94	2607.36	
IPE 600	120.9	600	220	12.0	19.0	151.07	562.0	558.0	88352.86	2945.10	3377.08	24.18	70.51	3379.97	307.27	480.05	4.73	52.34	131.92	2845.53	
IPE O 600	153.5	610	224	15.0	24.0	191.85	562.0	558.0	114571.52	3756.44	4335.71	24.44	88.89	4511.60	402.82	633.75	4.85	65.34	266.26	3859.57	
IPE V 600	183.1	618	228	18.0	28.0	228.87	562.0	558.0	137849.61	4461.15	5188.82	24.54	107.35	5558.44	487.58	773.33	4.93	58.34	437.06	4813.44	
IPE 750 x 134	134.5	750	264	12.0	15.5	168.15	719.0	715.0	147609.85	3936.26	4557.69	29.63	88.79	4763.64	360.88	566.05	5.32	33.34	107.57	6410.85	
IPE 750 x 147	148.0	753	265	13.2	17.0	185.04	719.0	715.0	162969.44	4328.54	5022.88	29.68	97.87	5286.52	398.98	628.26	5.35	36.34	142.73	7140.54	
IPE 750 x 173	175.1	762	267	14.4	21.6	218.89	718.8	714.8	202731.96	5321.05	6131.29	30.43	107.52	6870.20	514.62	807.21	5.60	45.54	249.70	9390.94	
IPE 750 x 196	198.7	770	268	15.6	25.4	248.37	719.2	715.2	237183.67	6160.61	7087.14	30.90	117.21	8171.45	609.81	955.95	5.74	53.14	378.99	11294.65	

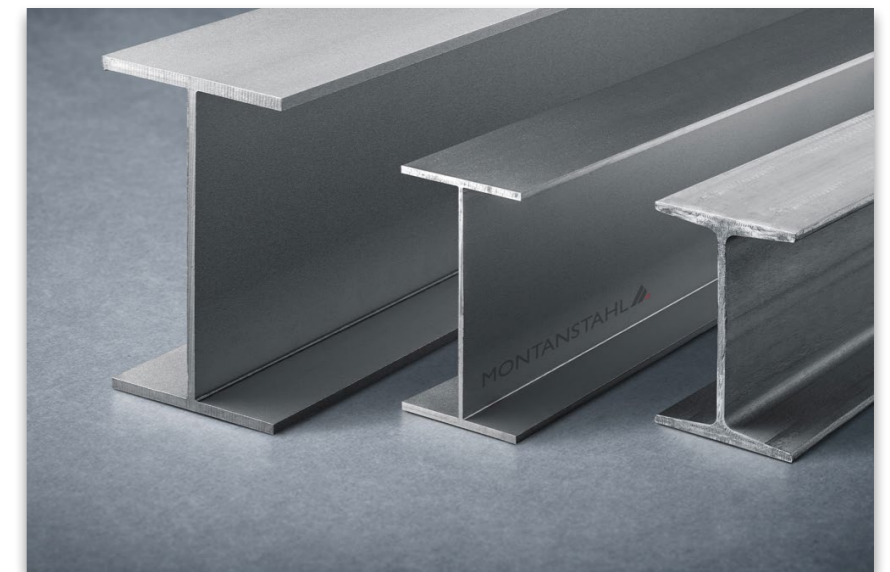
Other custom sizes are available upon request

* This dimension is related to the internal radius, achieved by the various producer. At Millstock Stainless beams are produced with radius of ≤2mm.



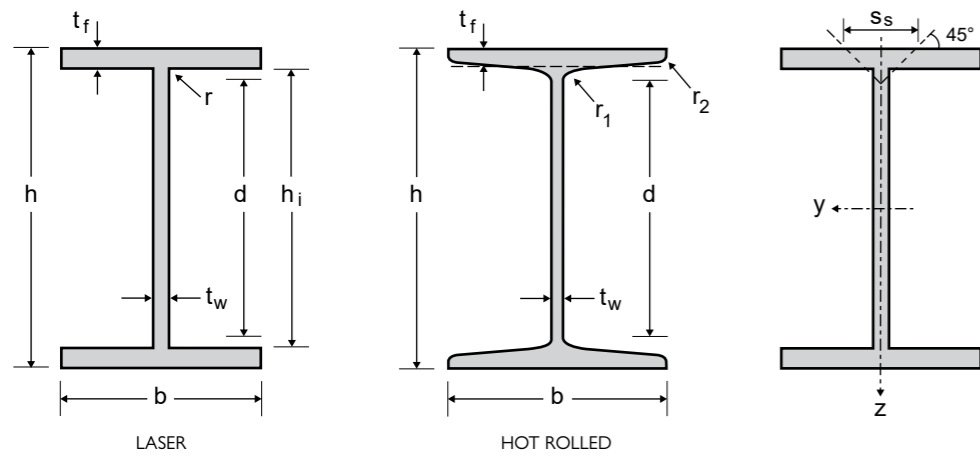
STAINLESS STEEL

IPN BEAMS



LASER WELDED &
HOT EXTRUDED PROFILES

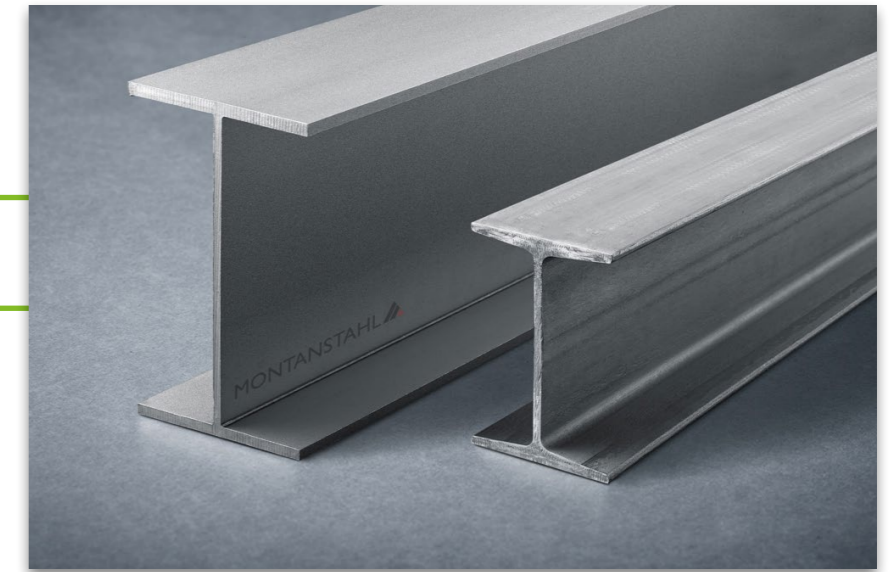
IPN EUROPEAN STANDARD BEAMS



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10365
Tolerances: EN 10024: 1995
Grade according to EN 10088-3: 1D
Surface condition: blasted and pickled

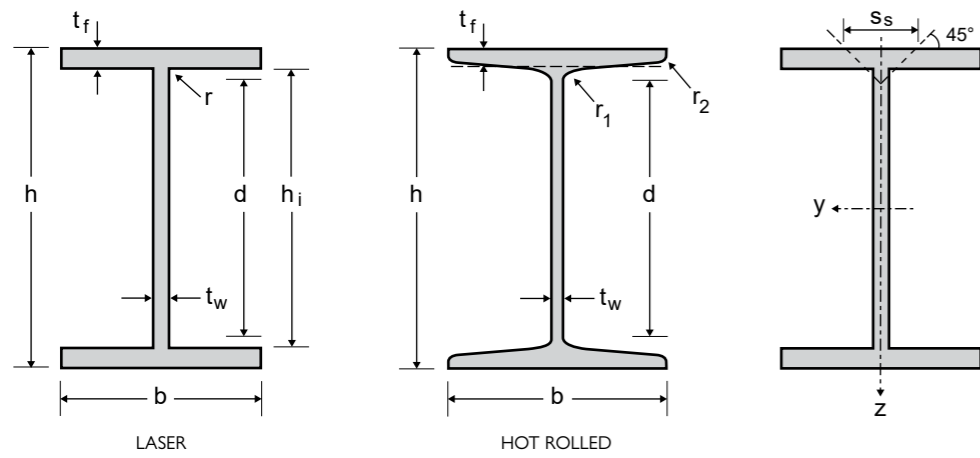


General properties											Structural properties											
Designation		Dimensions							Dimensions for detailing		Strong axis y-y					Weak axis z-z						
	G kg/m	h mm	b mm	t _w mm	t _f mm	r ₁ mm	r ₂ mm	A mm ² ×10 ²	h _i mm	d mm	I _y mm ⁴ ×10 ⁴	W _{el.y} mm ³ ×10 ³	W _{p.y} mm ³ ×10 ³	i _y mm	Av _z mm ² ×10	I _z mm ⁴ ×10 ⁴	W _{el.z} mm ³ ×10 ³	W _{p.z} mm ³ ×10 ³	i _z mm	S _s mm	I _t mm ⁴ ×10 ⁴	I _w mm ⁶ ×10 ⁹
IPN 80	6.1	80	42	3.9	5.9	3.9	2.3	7.57	-	59	77.8	19.5	22.8	3.2	3.41	6.29	3	5	0.91	21.6	0.87	0.09
IPN 80*	6.1	80	42	3.9	5.9	2	< 1	7.65	68.2	64.2	78.87	19.72	23.01	3.21	3.16	7.32	3.49	5.47	0.98	18.04	0.73	0.1
IPN 100	8.48	100	50	4.5	6.8	4.5	2.7	10.6	-	75.7	171	34.2	39.8	4.01	4.85	12.2	4.88	8.1	1.07	25	1.60	0.27
IPN 100*	8.6	100	50	4.5	6.8	2	< 1	10.72	86.4	82.4	172.74	34.55	40.23	4.01	4.5	14.23	5.69	8.95	1.15	20.44	1.34	0.31
IPN 120	11.36	120	58	5.1	7.7	5.1	3.1	14.2	-	92.4	328	54.7	63.6	4.81	6.63	21.5	7.41	12.4	1.23	28.4	2.71	0.69
IPN 120*	11.4	120	58	5.1	7.7	2	< 1	14.3	104.6	100.6	331.61	55.27	64.28	4.82	6.07	25.16	8.68	13.64	1.33	22.84	2.26	0.79
IPN 140	14.56	140	66	5.7	8.6	5.7	3.4	18.2	-	109.1	573	81.9	95.4	5.61	8.65	35.2	10.7	17.9	1.4	31.8	4.32	1.54
IPN 140*	14.7	140	66	5.7	8.6	2	< 1	18.39	122.8	118.8	579.94	82.85	96.28	5.62	7.87	41.4	12.55	19.74	1.5	25.24	3.59	1.78
IPN 160	18.24	160	74	6.3	9.5	6.3	3.8	22.8	-	125.8	935	117	136	6.4	10.83	54.7	14.8	24.9	1.55	35.2	6.57	3.14
IPN 160*	18.4	160	74	6.3	9.5	2	< 1	22.98	141	137	946.07	118.26	137.35	6.42	9.9	64.46	17.42	27.42	1.67	27.64	5.44	3.63
IPN 180	22.32	180	82	6.9	10.4	6.9	4.1	27.9	-	142.5	1450	161	187	7.2	13.35	81.3	19.8	33.2	1.71	38.6	9.58	5.92
IPN 180*	22.5	180	82	6.9	10.4	2	< 1	28.08	159.2	155.2	1462.2	162.47	188.63	7.22	12.15	96.01	23.42	36.87	1.85	30.04	7.93	6.87
IPN 200	26.72	200	90	7.5	11.3	7.5	4.5	33.4	-	159.1	2140	214	250	8	16.03	117	26	43.5	1.87	42	13.5	10.5
IPN 200*	26.9	200	90	7.5	11.3	2	< 1	33.68	177.4	173.4	2164.42	216.44	251.22	8.02	14.64	137.92	30.65	48.27	2.02	32.44	11.18	12.22
IPN 220*	31.8	220	98	8.1	12.2	2	< 1	39.79	195.6	191.6	3092.71	281.16	326.26	8.82	17.35	192.25	39.23	61.81	2.2	34.84	15.33	20.66
IPN 240*	37.1	240	106	8.7	13.1	2	< 1	46.41	213.8	209.8	4290.91	357.58	414.86	9.62	20.3	261.22	49.29	77.66	2.37	37.24	20.56	33.47
IPN 260*	43	260	113	9.4	14.1	2	< 1	53.69	231.8	227.8	5802.58	446.35	518.46	10.4	23.71	340.69	60.3	95.16	2.52	39.94	27.48	51.26
IPN 280*	49.1	280	119	10.1	15.2	2	< 1	61.42	249.6	245.6	7662.64	547.33	636.71	11.17	27.39	429.06	72.11	114.01	2.64	42.84	36.3	74.84
IPN 300*	55.5	300	125	10.8	16.2	2	< 1	69.44	267.6	263.6	9894.54	659.64	768.5	11.94	31.33	530.16	84.83	134.39	2.76	45.54	46.46	106.18
IPN 320*	62.5	320	131	11.5	17.3	2	< 1	78.18	285.4	281.4	12628.81	789.3	920.68	12.71	35.54	651.83	99.52	157.9	2.89	48.44	59.34	148.48
IPN 340*	69.8	340	137	12.2	18.3	2	< 1	87.19	303.4	299.4	15834.34	931.43	1087.81	13.48	40.01	788.87	115.16	183.05	3.01	51.14	73.86	202.91
IPN 360*	78	360	143	13	19.5	2	< 1	97.53	321	317	19774.69	1098.59	1284.92	14.24	45.08	956.26	133.74	212.96	3.13	54.34	93.50	275.46

Other custom sizes are available upon request

Profiles are * also available or + only available as laser welded with full penetration, non tapered, equivalent to hot rolled (r = laser seam).
* Profiles are laser welded with full penetration, equivalent to hot rolled (r = laser seam).

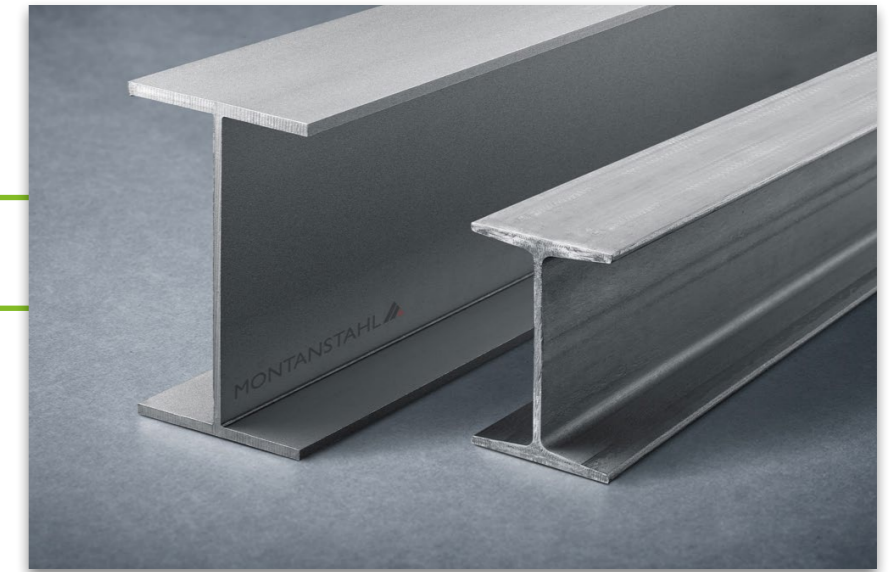
IPN EUROPEAN STANDARD BEAMS



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10365
 Tolerances: EN 10024: 1995
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled



General properties											Structural properties											
Designation		Dimensions							Dimensions for detailing		Strong axis y-y					Weak axis z-z				Ss	It	Iw
	G kg/m	h mm	b mm	t _w mm	t _f mm	r ₁ mm	r ₂ mm	A mm ² ×10 ²	h _i mm	d mm	I _y mm ⁴ ×10 ⁴	W _{e,y} mm ³ ×10 ³	W _{p,y} mm ³ ×10 ³	i _y mm ×10	Av _z mm ² ×10	I _z mm ⁴ ×10 ⁴	W _{e,z} mm ³ ×10 ³	W _{p,z} mm ³ ×10 ³	i _z mm ×10	Ss mm	It mm ⁴ ×10 ⁴	Iw mm ⁶ ×10 ⁹
IPN 380*	86.1	380	149	13.7	20.5	2	< 1	107.57	339	335	24217.16	1274.59	1492.28	15	50.11	1137.5	152.68	243.49	3.25	57.04	113.74	365.17
IPN 400*	94.7	400	155	14.4	21.6	2	< 1	118.37	356.8	352.8	29457.08	1472.85	1725.8	15.77	55.39	1349.49	174.13	277.99	3.38	59.94	138.42	479.89
IPN 450*	118.1	450	170	16.2	24.3	2	< 1	147.68	401.4	397.4	46216.56	2054.07	2411.8	17.69	69.97	2004.01	235.77	377.5	3.68	67.14	217.25	901.47
IPN 500*	144.2	500	185	18	27	2	< 1	180.21	446	442.0	69261.49	2770.46	3258.52	19.6	86.25	2870.94	310.37	498.2	3.99	74.34	325.67	1593.64
IPN 550*	170.5	550	200	19	30	2	< 1	213.13	490	486	99858.29	3631.21	4261.31	21.65	100.03	4028.04	402.8	644.26	4.35	81.34	463.35	2704
IPN 600*	204	600	215	21.6	32.4	2	< 1	254.96	535.2	531.2	139952.5	4665.08	5501.59	23.43	123.93	5411.71	503.42	811.31	4.61	88.74	658.38	4322.49

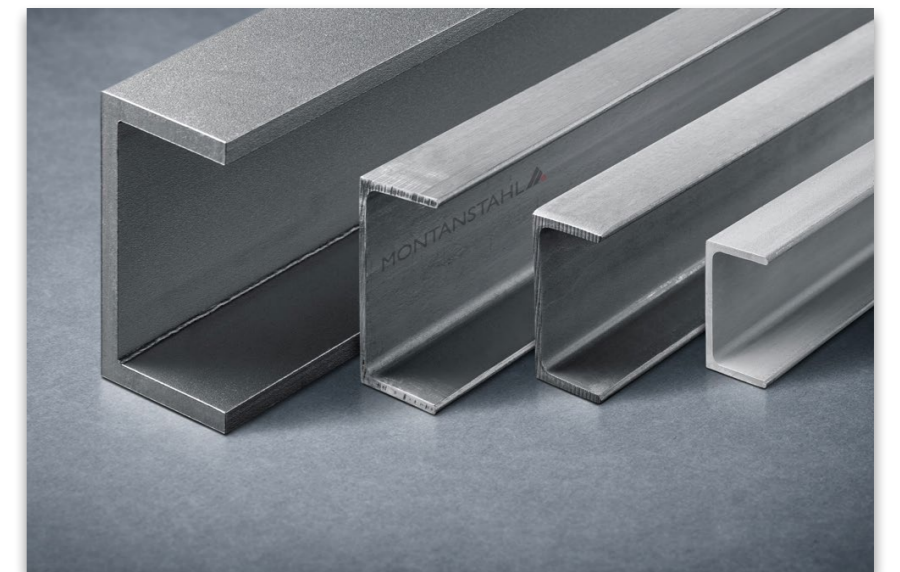
Other custom sizes are available upon request

+ Profiles are only available as laser welded with full penetration, non tapered, equivalent to hot rolled (r = laser seam).



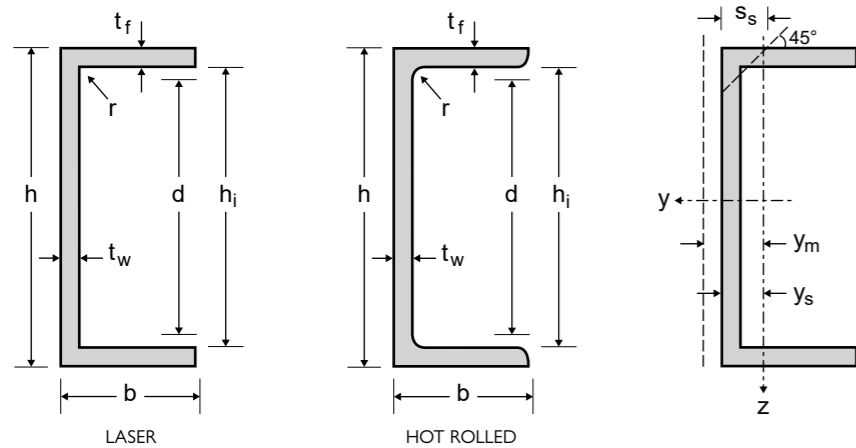
STAINLESS STEEL

UPA CHANNELS



LASER WELDED &
HOT ROLLED PROFILES

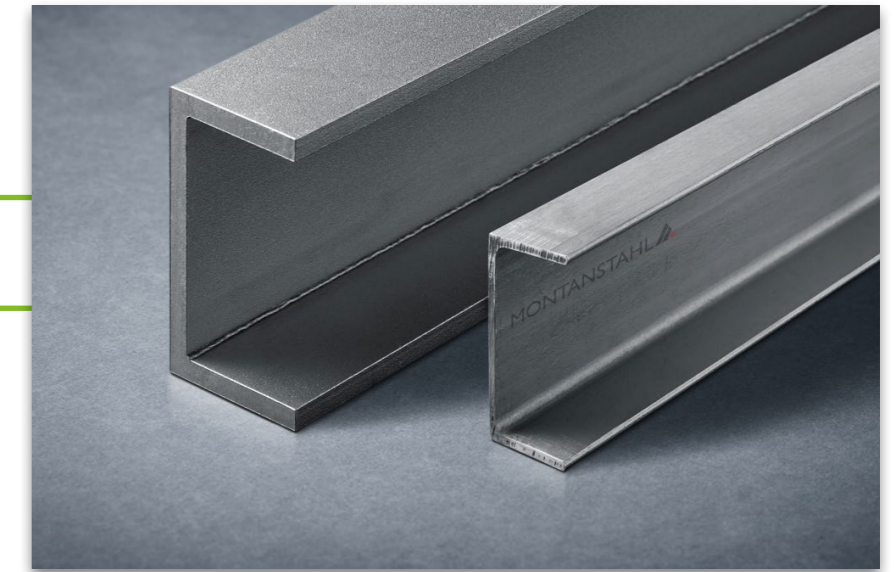
UPA MISCELLANEOUS CHANNELS WITH PARALLEL FLANGES



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10365
 Tolerances: EN 10279: 2000
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled



General properties		Structural properties																							
Designation	G kg/m	Dimensions					Dimensions for detailing		Strong axis y-y						Weak axis z-z						S _s mm	I _t mm ⁴ ×10 ⁴	I _w mm ⁶ ×10 ⁹	y _s mm ×10	y _m mm ×10
		h mm	b mm	t _w mm	t _f mm	A mm ² ×10 ²	h _i mm	d mm	I _y mm ⁴ ×10 ⁴	W _{ely} mm ³ ×10 ³	W _{ply} mm ³ ×10 ³	i _y mm ×10	A _{vz} mm ² ×10 ²	I _z mm ⁴ ×10 ⁴	W _{elz} mm ³ ×10 ³	W _{plz} mm ³ ×10 ³	i _z mm ×10								
UPA 50x25x3	2.3	50	25	3	3	2.86	44.0	38.0*	10.60	4.24	5.14	1.93	1.54	1.65	0.93	1.05	0.76	7.77	0.12	0.00	0.73	1.43			
UPA 60x30x5	4.5	60	30	5	5	5.61	50.0	40.0*/ 46.0*	28.59	9.53	11.89	2.26	3.11	4.46	2.15	2.64	0.89	12.96	0.72	0.02	0.93	1.66			
UPA 80x40x4	4.9	80	40	4	4	6.10	72.0	68.0*	58.91	14.73	17.47	3.11	3.14	9.22	3.23	5.82	1.23	9.18	0.36	0.09	1.15	2.36			
UPA 80x40x5	6.1	80	40	5	5	7.65	70.0	60.0*/ 66.0*	72.41	18.10	22.17	3.08	4.20	11.18	3.95	4.56	1.21	13.55	0.99	0.08	1.17	2.26			
UPA 80x40x6	7.2	80	40	6	6	9.03	68.0	56.0*/ 64.0*	83.26	20.82	25.71	3.04	4.95	12.95	4.64	5.55	1.20	15.55	1.61	0.09	1.21	2.24			
UPA 100x50x4	6.3	100	50	4	4	7.83	92.0	84.0*/ 88.0*	121.29	24.26	29.04	3.93	4.23	18.61	5.14	5.47	1.54	11.55	0.64	0.19	1.38	2.90			
UPA 100x50x5	7.7	100	50	5	5	9.65	90.0	80.0*/ 86.0*	146.27	29.25	35.22	3.89	5.20	22.59	6.31	6.93	1.53	13.55	1.15	0.24	1.42	2.88			
UPA 100x50x6	9.1	100	50	6	6	11.43	88.0	76.0*/ 84.0*	169.64	33.93	41.13	3.85	6.15	26.33	7.44	8.43	1.52	15.55	1.89	0.28	1.46	2.86			
UPA 120x60x5	9.2	120	60	5	5	11.61	110.0	106.0*	257.09	42.85	50.78	4.71	6.11	39.89	9.22	9.77	1.85	12.96	1.22	0.60	1.67	3.53			
UPA 120x60x6	11.1	120	60	6	6	13.83	108.0	96.0*/ 104.0*	301.45	50.24	60.16	4.67	7.35	46.77	10.90	11.91	1.84	15.55	2.18	0.70	1.71	3.49			
UPA 130x65x6	12.0	130	65	6	6	15.03	118.0	106.0*/ 114.0*	387.39	59.60	71.03	5.08	7.95	60.10	12.88	13.87	2.00	15.55	2.33	1.06	1.83	3.80			
UPA 130x65x9	17.7	130	65	9	9	22.13	112.0	94.0*/ 108*	544.72	83.80	102.76	4.96	12.05	84.63	18.56	21.73	1.96	23.32	8.62	1.51	1.94	3.67			
UPA 140x70x7	15.1	140	70	7	7	18.83	126.0	122.0*	558.47	79.78	95.54	5.45	10.01	86.64	17.31	18.91	2.15	18.14	4.04	1.77	2.00	4.07			
UPA 150x75x6	13.9	150	75	6	6	17.43	138.0	134.0*	605.34	80.71	95.46	5.89	9.15	93.94	17.35	18.25	2.32	15.55	2.61	2.19	2.08	4.42			
UPA 150x75x9	20.3	150	75	9	9	25.4	132.0	128.0*	845.13	112.68	134.6	5.77	12.89	132.91	25.10	28.00	2.29	19.18	7.33	3.15	2.20	4.38			
UPA 160x80x6	14.9	160	80	6	6	18.63	148.0	140.0*	732.49	91.56	107.03	6.29	9.38	114.64	19.84	20.54	2.49	13.18	2.35	3.04	2.22	4.79			
UPA 160x80x8	19.7	160	80	8	8	24.59	144.0	140.0*	952.73	119.09	142.61	6.22	13.07	147.81	25.84	28.22	2.45	20.73	6.90	3.94	2.28	4.65			
UPA 180x90x8	22	180	90	8	8	27.54	164.0	160.0*	1361	151.22	177.91	7.03	13.94	213.33	33.04	59.53	2.78	17.18	6.20	10.98	2.54	5.35			
UPA 200x100x8	24.6	200	100	8	8	30.74	184.0	180.0*	1892.15	189.22	221.63	7.85	15.54	296.38	41.13	74.09	3.11	17.18	6.88	19.03	2.79	5.98			
UPA 200x100x10	30.4	200	100	10	10	38.02	180.0	176.0*	2294.04	229.4	271.31	7.77	19.22	360.04	50.48	90.95	3.08	21.18	13.34	22.57	2.87	5.91			

Other custom sizes are available upon request



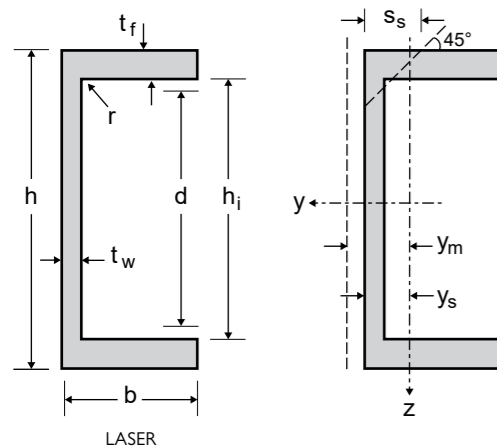
STAINLESS STEEL

UPE CHANNELS



LASER WELDED PROFILES

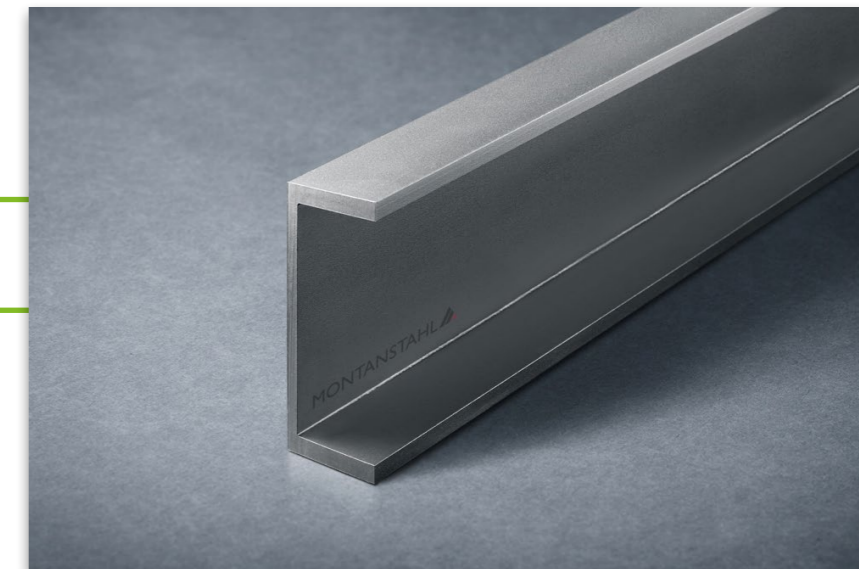
UPE CHANNELS WITH PARALLEL FLANGES



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10365
 Tolerances: EN 10279: 2000
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled



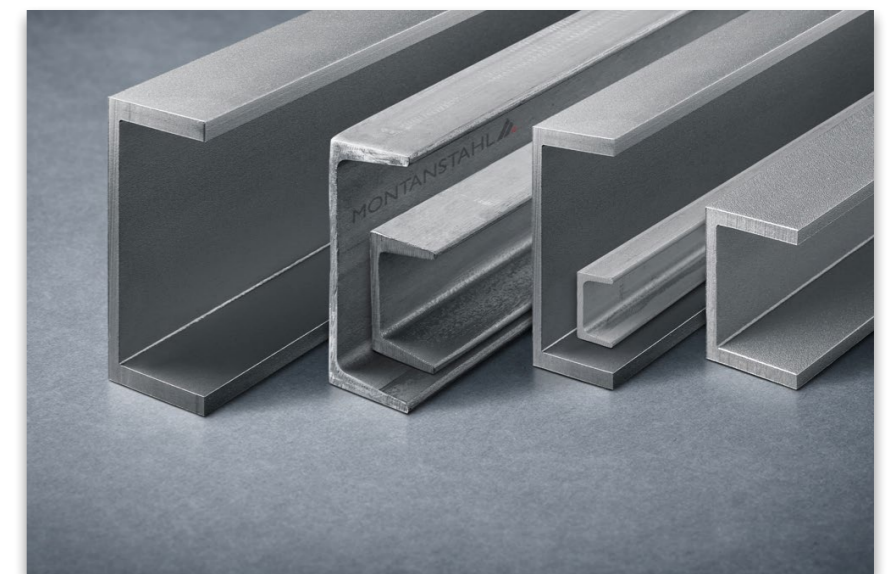
General properties							Structural properties																
Designation		Dimensions					Dimensions for detailing		Strong axis y-y					Weak axis z-z									
	G kg/m	h mm	b mm	t _w mm	t _f mm	A mm ² x10 ²	h _i mm	d mm	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	W _{ply} mm ³ x10 ³	i _y mm x10	A _{vz} mm ² x10 ²	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	W _{plz} mm ³ x10 ³	i _z mm x10	S _s mm	I _t mm ⁴ x10 ⁴	I _w mm ⁶ x10 ⁹	y _s mm x10	y _m mm x10	
UPE 80	7.7	80	50	4	7	9.66	66.0	62.0	103.31	25.83	30.02	3.27	3.08	24.78	7.91	13.58	1.60	12.18	1.28	0.24	1.87	3.73	
UPE 100	9.7	100	55	4.5	7.5	12.09	85.0	81.0	200.19	40.04	46.43	4.07	4.33	37.54	10.57	18.12	1.76	13.18	1.81	0.56	1.95	3.94	
UPE 120	11.9	120	60	5	8	14.82	104.0	100.0	348.89	58.15	67.46	4.85	5.78	54.44	13.72	24.48	1.92	14.18	2.50	1.20	2.03	4.15	
UPE 140	14.3	140	65	5	9	17.82	122.0	118.0	579.04	82.72	95.45	5.70	6.75	77.43	18.09	32.14	2.08	15.18	3.62	2.34	2.22	4.57	
UPE 160	16.9	160	70	5.5	9.5	21.07	141.0	137.0	883.44	110.43	127.66	6.47	8.48	105.48	22.49	40.37	2.24	16.18	4.74	4.18	2.31	4.78	
UPE 180	19.6	180	75	5.5	10.5	24.51	159.0	155.0	1318.01	146.45	168.51	7.33	9.55	141.98	28.44	50.82	2.41	17.18	6.52	7.16	2.51	5.21	
UPE 200	22.6	200	80	6	11	28.30	178.0	174.0	1856.83	185.68	214.15	8.10	11.58	185.21	34.31	61.75	2.56	18.18	8.22	11.57	2.60	5.43	
UPE 220	26.5	220	85	6.5	12	33.16	196.0	192.0	2618.40	238.04	274.92	8.89	13.78	244.13	42.38	76.45	2.71	19.68	11.34	18.44	2.74	5.72	
UPE 240	30.1	240	90	7	12.5	37.57	215.0	211.0	3495.93	291.33	337.20	9.65	16.19	307.84	49.94	90.43	2.86	20.68	13.91	27.76	2.84	5.94	
UPE 270	35.1	270	95	7.5	13.5	43.89	243.0	239.0	5122.15	379.42	440.09	10.80	19.52	397.74	60.56	109.90	3.01	22.18	18.60	45.54	2.93	6.16	
UPE 300	44.5	300	100	9.5	15	55.67	270.0	266.0	7658.85	510.59	601.10	11.73	27.39	535.09	75.51	136.38	3.10	25.68	29.93	75.46	2.91	6.04	
UPE 330	53.1	330	105	11	16	66.40	298.0	294.0	10718.85	649.63	772.24	12.71	34.88	678.56	89.62	161.05	3.20	28.18	41.85	116.30	2.93	6.01	
UPE 360	61.2	360	110	12	17	76.54	326.0	322.0	14478.32	804.35	960.80	13.75	41.52	840.92	105.04	188.51	3.31	30.18	54.87	172.40	2.99	6.12	
UPE 400	72.4	400	115	13.5	18	90.56	364.0	360.0	20545.68	1027.28	1238.54	15.06	51.95	1042.47	122.57	219.99	3.39	32.68	75.14	266.30	3.00	6.06	

Other custom sizes are available upon request



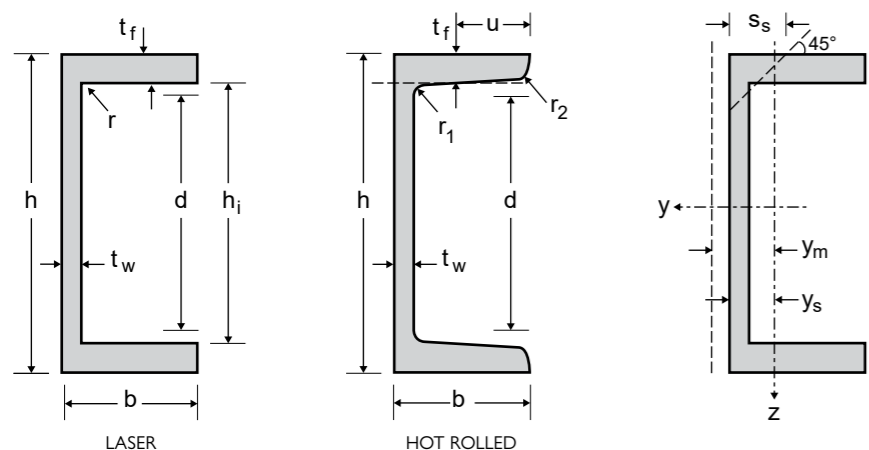
STAINLESS STEEL

UPN CHANNELS



LASER WELDED &
HOT ROLLED PROFILES

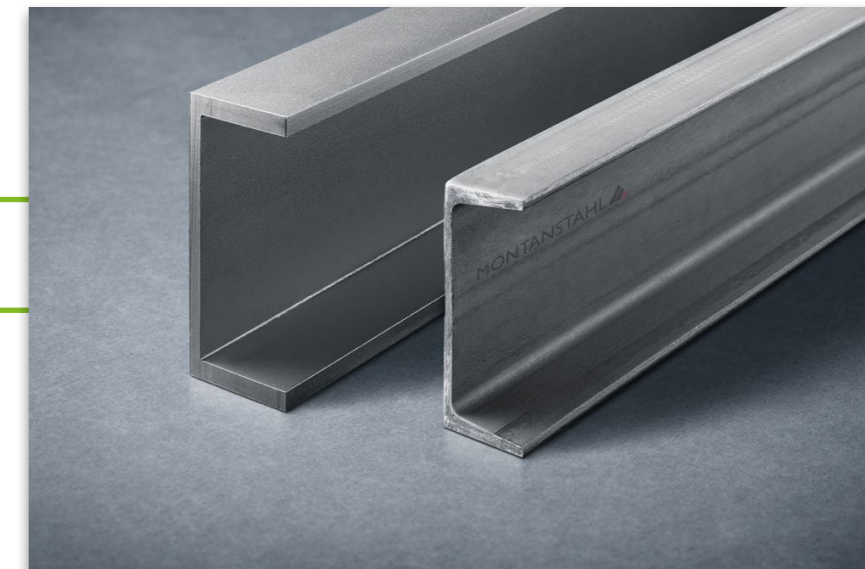
UPN EUROPEAN STANDARD CHANNELS



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10365
 Tolerances: EN 10279: 2000
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled

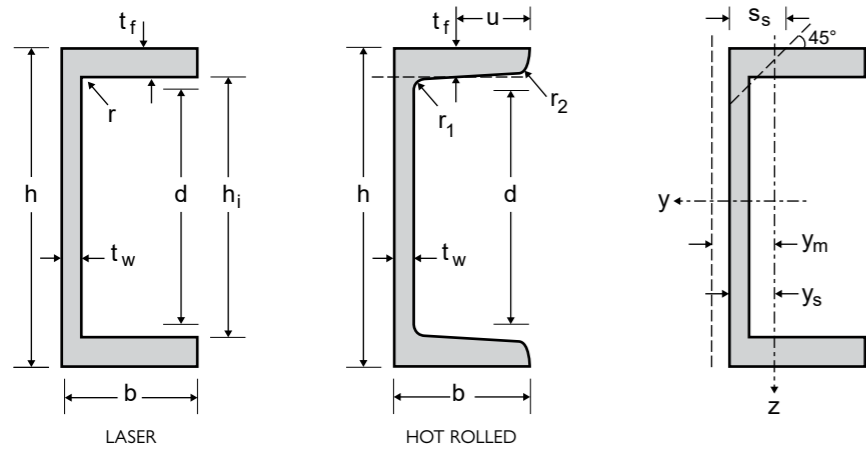


General properties													Structural properties												
Designation		Dimensions							Dimensions for detailing				Strong axis y-y						Weak axis z-z						
	G kg/m	h mm	b mm	t _w mm	t _f mm	r ₁ mm	r ₂ mm	A mm ² ×10 ²	h _i mm	d mm	u = 8%	I _y mm ⁴ ×10 ⁴	W _{ely} mm ³ ×10 ³	W _{ply} mm ³ ×10 ³	i _y mm	A _{vz} mm ² ×10 ²	I _z mm ⁴ ×10 ⁴	W _{elz} mm ³ ×10 ³	W _{plz} mm ³ ×10 ³	i _z mm	S _s mm	I _t mm ⁴ ×10 ⁴	I _w mm ⁶ ×10 ⁹	y _s mm	y _m mm
UPN 20 × 10 × 3	0.89	20	10	3	3.5	3.5	2.5	1.11	-	6.28	5.0	0.56	0.56	0.76	0.70	0.67	0.10	0.15	0.26	0.29	5.57	0.08	0.00	0.37	0.52
UPN 30 × 15 × 4	1.78	30	15	4	4.5	4.5	2.5	2.23	-	12.10	7.5	2.62	1.74	2.33	1.07	1.31	0.43	0.45	0.75	0.44	7.16	0.27	0.00	0.54	0.79
UPN 30 × 15 × 4*	1.76	30	15	4	4.5	1	< 1	2.19	21.00	19.00		2.53	1.69	2.17	1.07	1.07	0.42	0.44	0.59	0.44	5.09	0.15	0.00	0.54	0.82
UPN 30 × 33 × 5	4.37	30	33	5	7	7	3	5.46	-	2.00	16.5	6.62	4.41	5.90	1.08	1.85	5.68	3.01	4.56	1.00	11.14	1.29	0.00	1.41	2.38
UPN 40 × 20 × 3	1.83	40	20	3	3.3	3.5	3	2.29	-	26.80	10.0	5.51	2.76	3.41	1.53	1.26	0.86	0.63	1.13	0.60	5.25	0.12	0.00	0.63	1.15
UPN 40 × 20 × 3*	1.92	40	20	3	3.5	1	< 1	2.39	33.00	31.00		5.59	2.79	3.39	1.53	1.13	0.89	0.66	0.78	0.61	4.09	0.09	0.00	0.65	1.21
UPN 40 × 20 × 4	2.43	40	20	4	4.5	4.5	3	3.04	-	22.00	10.0	6.89	3.44	4.41	1.48	1.71	1.10	0.83	1.47	0.59	7.16	0.32	0.00	0.67	1.12
UPN 40 × 20 × 4*	2.44	40	20	4	4.5	1	< 1	3.04	31.00	29.00		6.70	3.35	4.17	1.48	1.47	1.09	0.82	1.03	0.60	5.09	0.21	0.00	0.67	1.15
UPN 40 × 35 × 5	4.98	40	35	5	7	7	3	6.23	-	12.00	17.5	14.61	7.31	9.41	1.51	2.35	7.47	3.57	5.55	1.08	11.14	1.38	0.01	1.41	2.48
UPN 40 × 35 × 5*	4.96	40	35	5	7	1	< 1	6.20	26.00	24.00		14.28	7.14	8.94	1.52	1.72	7.34	3.56	4.45	1.09	7.59	0.92	0.01	1.43	2.56
UPN 50 × 25 × 5	3.90	50	25	5	6	5	3.5	4.87	-	25.70	12.5	16.80	6.73	8.52	1.85	2.52	2.49	1.48	2.79	0.71	14.60	0.59	0.01	0.81	1.34
UPN 50 × 25 × 5*	3.92	50	25	5	6	1	< 1	4.90	38.00	36.00		16.91	6.76	8.42	1.86	2.26	2.77	1.69	2.11	0.75	6.59	0.55	0.01	0.86	1.47
UPN 50	5.60	50	38	5	7	7	3.5	7.00	-	21.00	19.0	26.40	10.60	13.10	1.92	2.77	9.12	3.75	6.89	1.13	16.70	1.12	0.03	1.37	2.47
UPN 50*	5.70	50	38	5	7	1	< 1	7.12	36.00	34.00		26.77	10.71	13.07	1.94	2.22	10.10	4.36	5.28	1.19	7.59	1.03	0.03	1.48	2.73
UPN 60 × 30 × 6	5.16	60	30	6	6	6	4	6.45	-	35.50	15.0	31.60	10.50	13.30	2.21	3.54	4.51	2.16	4.13	0.84	15.80	0.89	0.02	0.91	1.50
UPN 60 × 30 × 6*	5.19	60	30	6	6	1	< 1	6.48	48.00	46.00		31.91	10.64	13.20	2.22	3.30	5.09	2.50	3.13	0.89	6.59	0.86	0.02	0.97	1.66
UPN 65	7.11	65	42	5.5	7.5	7.5	4	8.88	-	34.00	21.0	57.50	17.70	21.70	2.52	3.68	14.10	5.07	9.48	1.25	18.00	1.61	0.08	1.42	2.60
UPN 65*	7.24	65	42	5.5	7.5	1	< 1	9.05	50.00	48.00		58.12	17.88	21.57	2.53	3.24	15.71	5.92	7.00	1.32	8.09	1.48	0.08	1.54	2.90
UPN 80	8.68	80	45	6	8	8	4	10.85	-	47.00	22.5	106.00	26.50	32.30	3.10	4.90	19.40	6.36	12.08	1.33	19.40	2.20	0.17	1.45	2.67
UPN 80*	8.74	80	45	6	8	2	< 1	11.06	64.00	60.00		106.97	26.74	32.17	3.11	4.50	21.80	7.44	13.28	1.40	15.18	2.09	0.20	1.57	2.97
UPN 100	10.61	100	50	6	8.5	8.5	4.5	13.26	-	64.00	25.0	206.00	41.20	49.00	3.91	6.46	29.30	8.49	16.20	1.47	20.30	2.81	0.41	1.55	2.93
UPN 100*	10.66	100	50	6	8.5	2	< 1	13.50	83.00	79.00		207.30	41.46	49.36	3.92	5.68	33.07	9.98	17.93	1.57	15.68	2.71	0.48	1.69	3.27

Other custom sizes are available upon request

* Profiles are also available as laser welded with full penetration, non tapered, equivalent to hot rolled (r = laser seam).

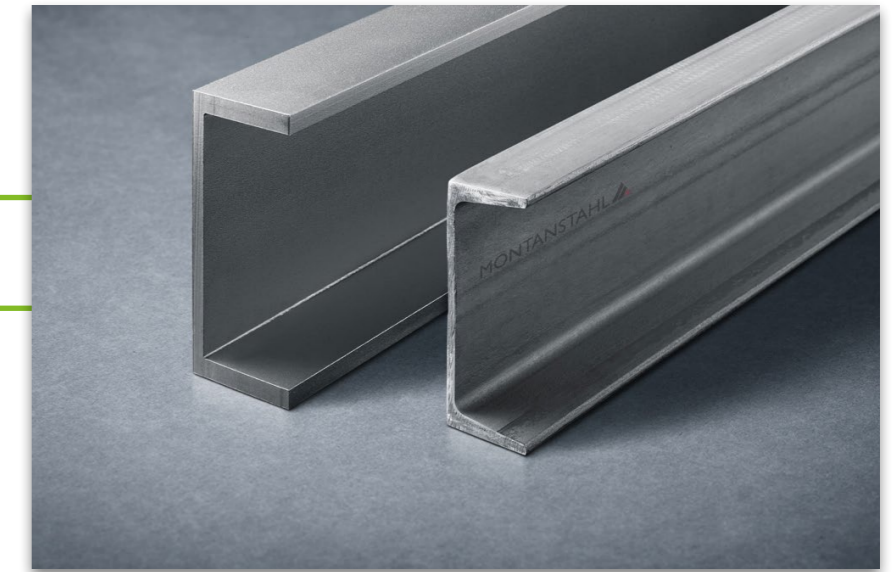
UPN EUROPEAN STANDARD CHANNELS



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10365
 Tolerances: EN 10279: 2000
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled



General properties												Structural properties													
Designation		Dimensions							Dimensions for detailing			Strong axis y-y					Weak axis z-z								
	G kg/m	h mm	b mm	t _w mm	t _f mm	r ₁ mm	r ₂ mm	A mm ² ×10 ²	h _i mm	d mm	u = 8%	I _y mm ⁴ ×10 ⁴	W _{ely} mm ³ ×10 ³	W _{ply} mm ³ ×10 ³	i _y mm	A _{vz} mm ² ×10 ²	I _z mm ⁴ ×10 ⁴	W _{elz} mm ³ ×10 ³	W _{plz} mm ³ ×10 ³	i _z mm	S _s mm	I _t mm ⁴ ×10 ⁴	I _w mm ⁶ ×10 ⁹	y _s mm	y _m mm
UPN 120	13.40	120	55	7	9	9	4.5	16.75	-	82.00	27.5	364.00	60.70	72.60	4.62	8.80	43.20	11.10	21.26	1.59	22.20	4.15	0.90	1.60	3.03
UPN 120*	13.48	120	55	7	9	2	< 1	17.06	102.00	98.00		367.96	61.33	73.33	4.64	7.97	49.15	13.08	23.67	1.70	17.18	3.99	1.04	1.74	3.38
UPN 140	16.08	140	60	7	10	10	5	20.10	-	98.00	30.0	605.00	86.40	103.00	5.45	10.40	62.70	14.80	28.31	1.75	23.90	5.68	1.80	1.75	3.37
UPN 140*	16.13	140	60	7	10	2	< 1	20.42	120.00	116.00		609.41	87.06	103.40	5.46	9.32	71.05	17.36	31.44	1.87	18.18	5.46	2.08	1.91	3.76
UPN 160	18.96	160	65	7.5	10.5	10.5	5.5	23.70	-	115.00	32.5	925.00	116.00	138.00	6.21	12.60	85.30	18.30	35.15	1.89	25.30	7.39	3.26	1.84	3.56
UPN 160*	19.03	160	65	7.5	10.5	2	< 1	24.09	139.00	135.00		932.63	116.58	138.50	6.22	11.44	97.42	21.67	39.21	2.01	19.18	7.09	3.76	2.00	3.98
UPN 180	22.09	180	70	8	11	11	5.5	27.61	-	133.00	35.0	1350.00	150.00	179.00	6.95	15.10	114.00	22.40	43.05	2.02	26.70	9.55	5.57	1.92	3.75
UPN 180*	22.17	180	70	8	11	2	< 1	28.06	158.00	154.00		1365.17	151.69	180.33	6.98	13.76	130.28	26.60	48.04	2.15	20.18	9.06	6.44	2.10	4.20
UPN 200*	25.53	200	75	8.5	11.5	2	< 1	32.31	177.00	173.00		1928.35	192.83	229.46	7.73	16.27	170.62	32.20	58.04	2.30	21.18	11.42	10.50	2.20	4.42
UPN 220*	29.68	220	80	9	12.5	2	< 1	37.57	195.00	191.00		2713.15	246.65	293.39	8.50	18.94	225.67	39.87	71.87	2.45	22.68	15.32	16.83	2.34	4.71
UPN 240*	33.53	240	85	9.5	13	2	< 1	42.45	214.00	210.00		3627.90	302.32	359.97	9.24	21.84	285.51	47.12	84.83	2.59	23.68	18.78	25.51	2.44	4.93
UPN 260*	38.25	260	90	10	14	2	< 1	48.42	232.00	228.00		4859.51	373.81	444.92	10.02	24.90	365.32	56.92	102.48	2.75	25.18	24.36	38.35	2.58	5.22
UPN 280*	42.28	280	95	10	15	2	< 1	53.52	250.00	246.00		6313.62	450.97	534.30	10.86	26.82	457.00	67.84	122.32	2.92	26.18	29.60	55.66	2.76	5.63
UPN 300*	46.47	300	100	10	16	2	< 1	58.82	268.00	264.00		8066.44	537.76	634.42	11.71	28.74	564.28	80.02	144.59	3.10	27.18	35.77	78.95	2.95	6.05
UPN 320*	59.18	320	100	14	17.5	2	< 1	74.92	285.00	281.00		10719.93	670.00	814.15	11.96	42.72	642.94	88.18	159.10	2.93	32.68	62.98	102.40	2.71	5.23
UPN 350*	60.46	350	100	14	16	2	< 1	76.54	318.00	314.00		12687.32	724.99	888.88	12.88	47.10	618.19	82.40	149.34	2.84	31.18	58.09	121.50	2.50	4.83
UPN 380*	62.91	380	102	13.5	16	2	< 1	79.64	348.00	344.00		15565.03	819.21	1003.37	13.98	49.48	667.24	86.53	156.47	2.89	30.68	57.75	156.40	2.49	4.90
UPN 400*	71.56	400	110	14	18	2	< 1	90.58	364.00	360.00		20089.49	1004.47	1220.72	14.89	53.86	921.06	112.31	202.22	3.19	33.18	77.02	236.10	2.80	5.56

Other custom sizes are available upon request

Profiles are * also available or + only available as laser welded with full penetration, non tapered, equivalent to hot rolled (r = laser seam).



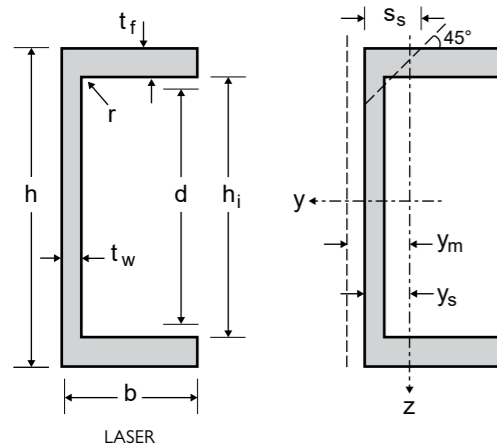
STAINLESS STEEL

PFC CHANNELS



LASER WELDED PROFILES

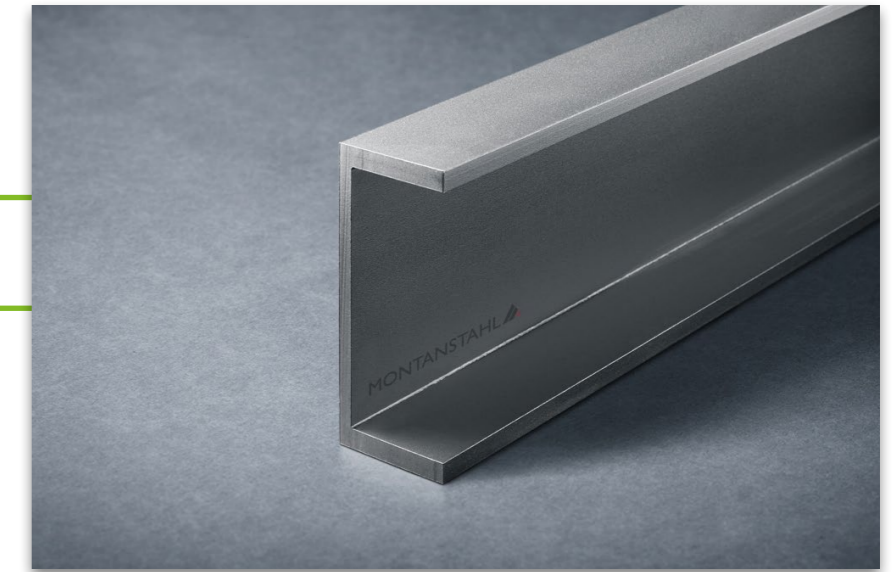
PFC CHANNELS WITH PARALLEL FLANGES



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10365
 Tolerances: EN 10279: 2000
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled



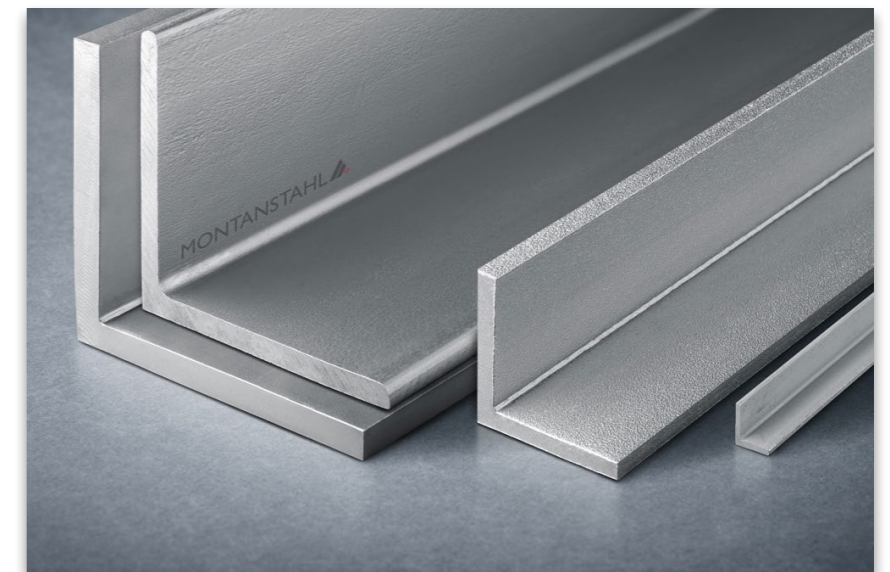
General properties							Structural properties																
Designation		Dimensions					Dimensions for detailing		Strong axis y-y					Weak axis z-z									
	G kg/m	h mm	b mm	t _w mm	t _f mm	A mm ² ×10 ²	h _i mm	d mm	I _y mm ⁴ ×10 ⁴	W _{ely} mm ³ ×10 ³	W _{ply} mm ³ ×10 ³	i _y mm ×10	A _{vz} mm ² ×10 ²	I _z mm ⁴ ×10 ⁴	W _{elz} mm ³ ×10 ³	W _{plz} mm ³ ×10 ³	i _z mm ×10	S _s mm	I _t mm ⁴ ×10 ⁴	I _w mm ⁶ ×10 ⁹	y _s mm ×10	y _m mm ×10	
PFC 100 × 50 × 10	10.1	100	50	5	8.5	12.67	83	79	202.54	40.51	47.64	4.00	4.76	31.92	9.85	11.15	1.59	14.68	2.38	0.37	1.76	3.48	
PFC 125 × 65 × 15	14.6	125	65	5.5	9.5	18.20	106	102	467.87	74.86	86.95	5.07	6.56	78.71	18.71	20.88	2.08	16.18	4.26	1.45	2.29	4.63	
PFC 150 × 75 × 18	17.7	150	75	5.5	10	22.17	130	126	837.66	111.69	128.46	6.15	7.92	129.00	26.47	29.12	2.41	16.68	5.63	3.45	2.63	5.39	
PFC 150 × 90 × 24	23.8	150	90	6.5	12	29.81	126	122	1139.99	152.00	175.05	6.18	9.23	249.66	44.19	49.94	2.89	19.68	11.27	6.94	3.35	6.78	
PFC 180 × 75 × 20	20.2	180	75	6	10.5	25.31	159	155	1334.76	148.31	171.67	7.26	10.40	144.86	28.67	30.97	2.39	17.68	6.84	5.30	2.45	5.07	
PFC 180 × 90 × 26	26.1	180	90	6.5	12.5	32.59	155	151	1783.82	198.20	227.74	7.40	11.15	273.58	47.23	52.27	2.90	20.18	12.79	10.65	3.21	6.57	
PFC 200 × 75 × 23	23.4	200	75	6	12.5	29.27	175	171	1919.66	191.97	222.02	8.10	11.52	168.35	33.74	36.74	2.40	19.68	10.60	7.72	2.51	5.17	
PFC 200 × 90 × 30	29.8	200	90	7	14	37.26	172	168	2481.75	248.17	286.43	8.16	13.32	310.96	53.22	58.82	2.89	22.18	17.78	14.71	3.16	6.44	
PFC 230 × 75 × 26	25.7	230	75	6.5	12.5	32.09	205	201	2688.36	233.77	272.55	9.15	14.40	179.76	34.74	37.33	2.37	20.18	11.29	10.39	2.33	4.82	
PFC 230 × 90 × 32	32.3	230	90	7.5	14	40.37	202	198	3460.33	300.90	349.01	9.26	16.50	331.85	54.85	59.56	2.87	22.68	18.76	19.84	2.95	6.08	
PFC 260 × 75 × 28	27.6	260	75	7	12	34.54	236	232	3538.96	272.23	321.07	10.12	17.62	184.65	34.33	36.65	2.31	20.18	11.17	12.97	2.12	4.43	
PFC 260 × 90 × 35	35.0	260	90	8	14	43.78	232	228	4651.39	357.80	418.00	10.31	19.98	350.79	56.22	60.43	2.83	23.18	20.00	25.73	2.76	5.72	
PFC 300 × 90 × 41	41.7	300	90	9	15.5	52.13	269	265	7114.14	474.28	560.15	11.68	25.93	402.60	63.08	68.24	2.78	25.68	28.24	38.11	2.62	5.38	
PFC 300 × 100 × 46	45.6	300	100	9	16.5	57.05	267	263	8068.80	537.92	628.63	11.89	25.86	564.53	81.60	87.92	3.15	26.68	35.36	55.26	3.08	6.37	
PFC 380 × 100 × 54	54.2	380	100	9.5	17.5	67.79	345	341	14762.93	777.00	917.65	14.76	34.80	640.72	89.13	95.30	3.07	28.18	44.17	95.82	2.81	5.86	
PFC 430 × 100 × 64	64.9	430	100	11	19	81.14	392	388	21587.15	1004.05	1204.15	16.31	45.61	721.03	97.89	106.88	2.98	31.18	61.45	133.73	2.63	5.40	

Other custom sizes are available upon request



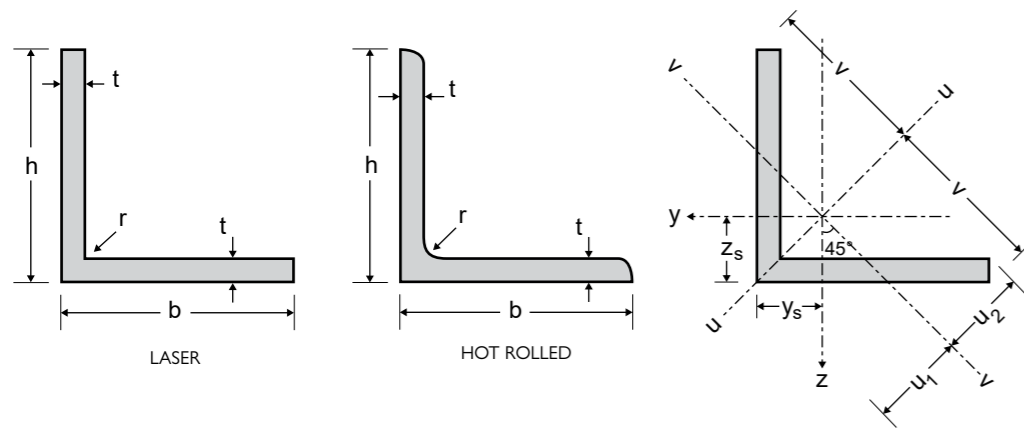
STAINLESS STEEL

EQUAL LEG ANGLES



LASER WELDED &
HOT ROLLED PROFILES

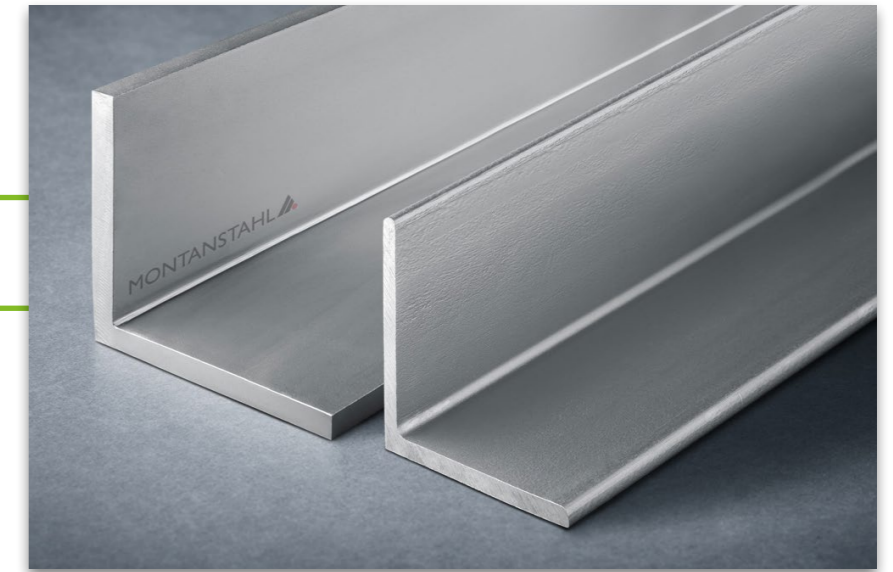
L EQUAL LEG ANGLES



STAINLESS STEEL

Product Description

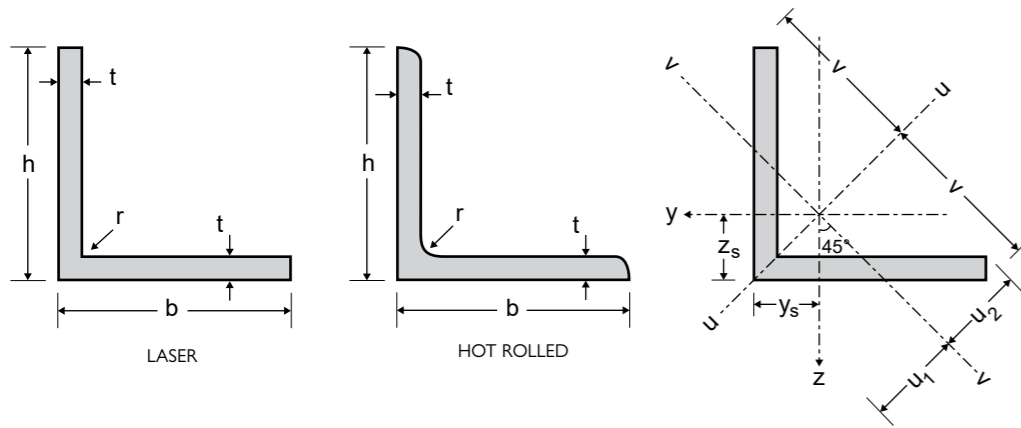
Dimensions: in accordance with EN 10056-1: 1998
 Tolerances: EN 10056-2:1993.
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled



General properties						Structural properties											
Designation		Dimensions				Position of axes				Axis y-y / axis z-z			Axis u-u		Axis v-v		
	G kg/m	h = b mm	t mm	r mm	A mm ² x10 ²	z _s =y _s mm	v mm	u ₁ mm	u ₂ mm	I _y =I _z mm ⁴ x10 ⁴	W _{ely} =W _{elz} mm ³ x10 ³	i _y =i _z mm x10	I _u mm ⁴ x10 ⁴	i _u mm x10	I _v mm ⁴ x10 ⁴	i _v mm x10	I _{yz} mm ⁴ x10 ⁴
L 15 x 15 x 2	0.45	15	2	2.5	0.57	4.39	10.61	6.21	5.29	0.11	0.11	0.45	0.18	0.56	0.05	0.29	-0.07
L 15 x 15 x 3	0.66	15	3	3	0.82	4.76	10.61	6.73	5.37	0.15	0.15	0.43	0.24	0.54	0.07	0.29	-0.09
L 20 x 20 x 2	0.61	20	2	2.5	0.77	5.64	14.14	7.97	7.07	0.28	0.20	0.61	0.45	0.76	0.12	0.39	-0.17
L 20 x 20 x 3	0.90	20	3	3.5	1.12	5.98	14.14	8.46	7.08	0.39	0.28	0.59	0.62	0.74	0.16	0.38	-0.23
L 20 x 20 x 4	1.16	20	4	3.5	1.45	6.37	14.14	9.01	7.24	0.49	0.36	0.58	0.77	0.73	0.21	0.38	-0.28
L 25 x 25 x 3	1.14	25	3	3.5	1.42	7.23	17.68	10.22	8.85	0.80	0.45	0.75	1.27	0.95	0.33	0.48	-0.47
L 25 x 25 x 4	1.48	25	4	3.5	1.85	7.62	17.68	10.78	9.01	1.02	0.59	0.74	1.61	0.93	0.43	0.48	-0.59
L 25 x 25 x 5	1.82	25	5	5	2.28	7.93	17.68	11.22	8.96	1.19	0.70	0.72	1.87	0.91	0.51	0.48	-0.68
L 30 x 30 x 3	1.39	30	3	5	1.74	8.35	21.21	11.81	10.49	1.40	0.65	0.90	2.22	1.13	0.59	0.58	-0.82
L 30 x 30 x 4	1.81	30	4	5	2.27	8.78	21.21	12.42	10.58	1.80	0.85	0.89	2.85	1.12	0.75	0.58	-1.05
L 30 x 30 x 5	2.22	30	5	5	2.78	9.18	21.21	12.99	10.73	2.16	1.04	0.88	3.41	1.11	0.92	0.57	-1.25
L 30 x 30 x 6	2.61	30	6	5	3.27	9.56	21.21	13.52	10.90	2.49	1.22	0.87	3.91	1.09	1.08	0.57	-1.41
L 35 x 35 x 4	2.13	35	4	5	2.67	10.03	24.75	14.18	12.36	2.95	1.18	1.05	4.68	1.32	1.23	0.68	-1.73
L 35 x 35 x 5	2.62	35	5	5	3.28	10.43	24.75	14.75	12.50	3.56	1.45	1.04	5.63	1.31	1.49	0.68	-2.07
L 40 x 40 x 3	1.87	40	3	5	2.34	10.84	28.28	15.33	14.04	3.49	1.20	1.22	5.53	1.54	1.45	0.79	-2.04
L 40 x 40 x 4	2.46	40	4	6	3.08	11.20	28.28	15.83	14.04	4.47	1.55	1.21	7.09	1.52	1.86	0.78	-2.61
L 40 x 40 x 5	3.03	40	5	6	3.79	11.62	28.28	16.43	14.14	5.43	1.91	1.20	8.59	1.51	2.26	0.77	-3.17
L 40 x 40 x 6	3.58	40	6	6	4.48	12.02	28.28	17.00	14.29	6.31	2.26	1.19	9.97	1.49	2.65	0.77	-3.66
L 45 x 45 x 3	2.13	45	3	7	2.66	11.84	31.82	16.74	15.75	4.93	1.49	1.36	7.78	1.71	2.07	0.88	-2.85
L 45 x 45 x 4	2.79	45	4	7	3.49	12.35	31.82	17.46	15.74	6.43	1.97	1.36	10.18	1.71	2.68	0.88	-3.75
L 45 x 45 x 5	3.44	45	5	7	4.30	12.79	31.82	18.09	15.81	7.84	2.43	1.35	12.42	1.70	3.26	0.87	-4.58
L 50 x 50 x 3	2.37	50	3	7	2.96	13.08	35.36	18.49	17.53	6.86	1.86	1.52	10.84	1.91	2.88	0.99	-3.98

Other custom sizes are available upon request

L EQUAL LEG ANGLES



STAINLESS STEEL

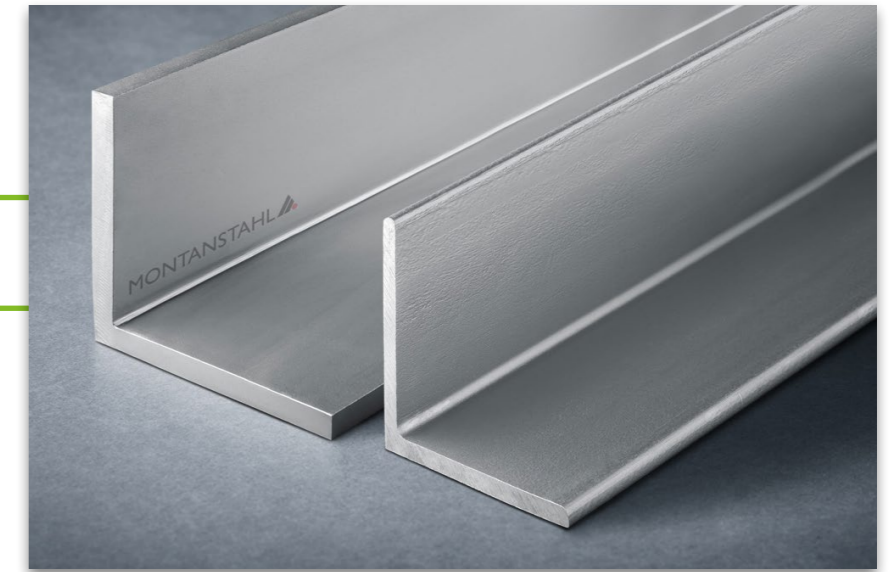
Product Description

Dimensions: in accordance with EN 10056-1: 1998

Tolerances: EN 10056-2:1993.

Grade according to EN 10088-3: 1D

Surface condition: blasted and pickled

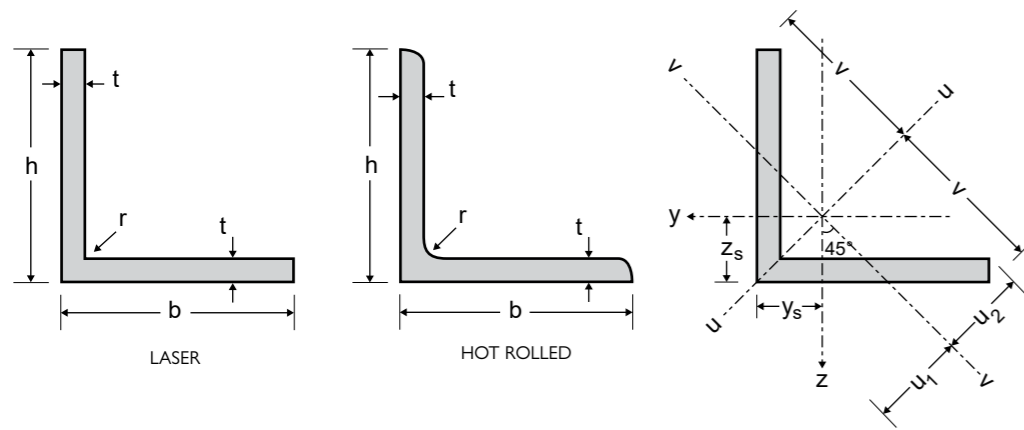


General properties						Structural properties											
Designation		Dimensions				Position of axes				Axis y-y / axis z-z			Axis u-u		Axis v-v		
	G kg/m	h = b mm	t mm	r mm	A mm ² ×10 ²	z _s =y _s mm	v mm	u ₁ mm	u ₂ mm	I _y =I _z mm ⁴ ×10 ⁴	W _{el,y} =W _{el,z} mm ³ ×10 ³	i _y =i _z mm ×10	I _u mm ⁴ ×10 ⁴	i _u mm ×10	I _v mm ⁴ ×10 ⁴	i _v mm ×10	I _{yz} mm ⁴ ×10 ⁴
L 50 × 50 × 4	3.11	50	4	7	3.89	13.59	35.36	19.21	17.52	8.97	2.46	1.52	14.22	1.91	3.73	0.98	-5.24
L 50 × 50 × 5	3.84	50	5	7 / 2 *	4.80	14.04	35.36	19.85	17.59	10.96	3.05	1.51	17.38	1.90	4.55	0.97	-6.42
L 50 × 50 × 6	4.55	50	6	7 / 2 *	5.69	14.45	35.36	20.44	17.71	12.84	3.61	1.50	20.34	1.89	5.34	0.97	-7.50
L 50 × 50 × 7	5.25	50	7	7 / 2 *	6.56	14.85	35.36	21.01	17.85	14.61	4.16	1.49	23.11	1.88	6.11	0.97	-8.50
L 50 × 50 × 8	5.93	50	8	7 / 2 *	7.41	15.24	35.36	21.55	18.01	16.28	4.68	1.48	25.69	1.86	6.88	0.96	-9.41
L 60 × 60 × 5	4.65	60	5	8 / 2 *	5.82	16.44	42.43	23.24	21.06	19.37	4.45	1.82	30.71	2.30	8.03	1.17	-11.34
L 60 × 60 × 6	5.53	60	6	8 / 2 *	6.91	16.88	42.43	23.87	21.15	22.79	5.29	1.82	36.14	2.29	9.44	1.17	-13.35
L 60 × 60 × 7	6.38	60	7	8 / 2 *	7.98	17.29	42.43	24.45	21.27	26.05	6.10	1.81	41.28	2.27	10.82	1.16	-15.23
L 60 × 60 × 8	7.22	60	8	8 / 2 *	9.03	17.69	42.43	25.02	21.41	29.15	6.89	1.80	46.14	2.26	12.16	1.16	-16.99
L 60 × 60 × 10	8.85	60	10	8 / 2 *	11.07	18.46	42.43	26.10	21.74	34.93	8.41	1.78	55.06	2.23	14.80	1.16	-20.13
L 65 × 65 × 6	6.02	65	6	9 / 2 *	7.53	18.04	45.96	25.51	22.83	29.19	6.21	1.97	46.27	2.48	12.11	1.27	-17.08
L 65 × 65 × 7	6.96	65	7	9 / 2 *	8.70	18.47	45.96	26.12	22.93	33.43	7.18	1.96	52.99	2.47	13.87	1.26	-19.56
L 65 × 65 × 8	7.88	65	8	9 / 2 *	9.85	18.88	45.96	26.70	23.06	37.49	8.13	1.95	59.38	2.46	15.60	1.26	-21.89
L 65 × 65 × 9	8.78	65	9	9 / 2 *	10.98	19.28	45.96	27.26	23.20	41.37	9.05	1.94	65.44	2.44	17.30	1.26	-24.07
L 65 × 65 × 10	9.67	65	10	9 / 2 *	12.09	19.66	45.96	27.81	23.36	45.08	9.94	1.93	71.19	2.43	18.98	1.25	-26.11
L 70 × 70 × 5	5.47	70	5	9 / 2 *	6.84	18.82	49.50	26.62	24.55	31.24	6.10	2.14	49.50	2.69	12.97	1.38	-18.26
L 70 × 70 × 6	6.50	70	6	9 / 2 *	8.13	19.28	49.50	27.27	24.61	36.88	7.27	2.13	58.50	2.68	15.27	1.37	-21.61
L 70 × 70 × 7	7.52	70	7	9 / 2 *	9.40	19.71	49.50	27.88	24.70	42.30	8.41	2.12	67.09	2.67	17.51	1.36	-24.79
L 70 × 70 × 8	8.53	70	8	10 / 2 *	10.67	20.06	49.50	28.37	24.72	47.27	9.46	2.10	74.89	2.65	19.64	1.36	-27.63
L 70 × 70 × 9	9.50	70	9	9 / 2 *	11.88	20.53	49.50	29.03	24.97	52.47	10.60	2.10	83.09	2.64	21.84	1.36	-30.62
L 70 × 70 × 10	10.47	70	10	9 / 2 *	13.09	20.91	49.50	29.58	25.13	57.24	11.66	2.09	90.52	2.63	23.96	1.35	-33.28
L 75 × 75 × 5	5.87	75	5	9 / 2 *	7.34	20.06	53.03	28.37	26.33	38.77	7.06	2.30	61.46	2.89	16.08	1.48	-22.69
L 75 × 75 × 6	6.98	75	6	9 / 2 *	8.73	20.53	53.03	29.03	26.38	45.83	8.41	2.29	72.71	2.89	18.94	1.47	-26.89
L 75 × 75 × 7	8.08	75	7	9 / 2 *	10.10	20.96	53.03	29.64	26.48	52.61	9.74	2.28	83.49	2.88	21.73	1.47	-30.88
L 75 × 75 × 8	9.16	75	8	9 / 2 *	11.45	21.37	53.03	30.23	26.60	59.13	11.03	2.27	93.80	2.86	24.46	1.46	-34.67

Other custom sizes are available upon request

* Profiles are also available as laser welded with full penetration, non tapered, equivalent to hot rolled (r = laser seam).

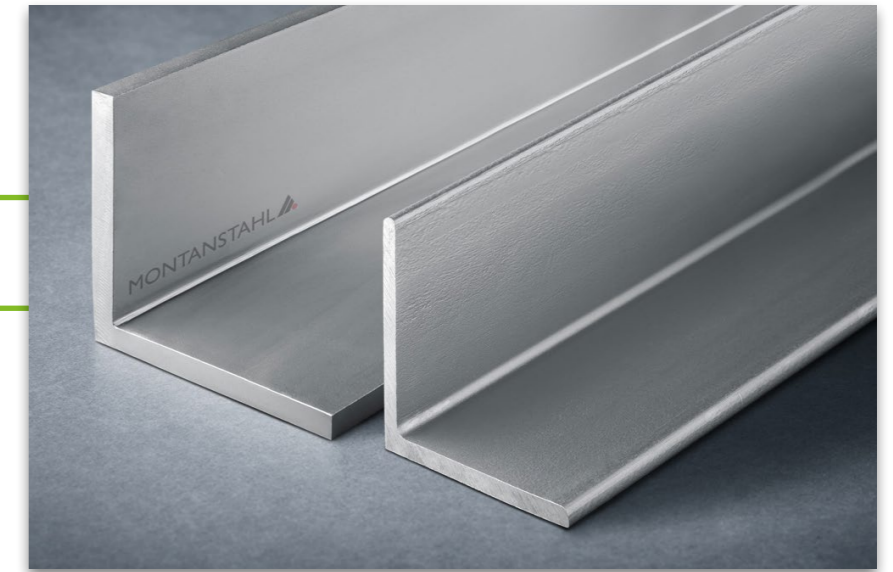
L EQUAL LEG ANGLES



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10056-1: 1998
Tolerances: EN 10056-2:1993.
Grade according to EN 10088-3: 1D
Surface condition: blasted and pickled

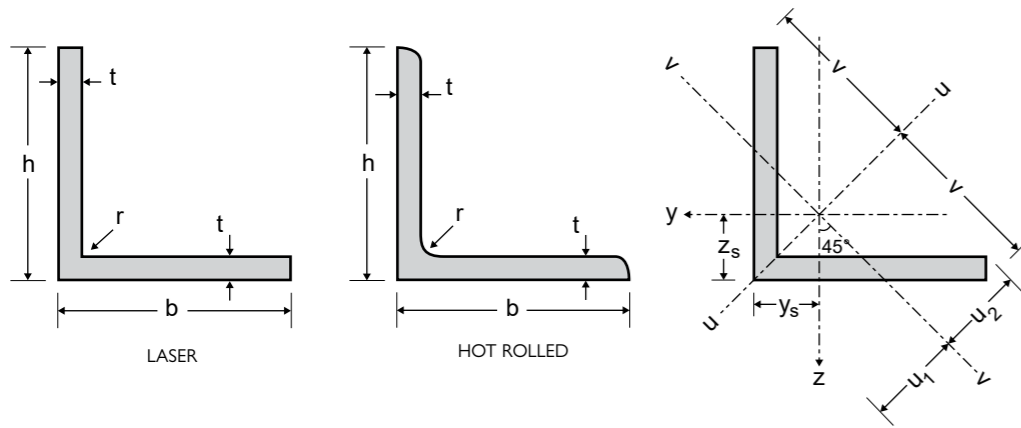


General properties						Structural properties											
Designation		Dimensions			Position of axes				Axis y-y / axis z-z			Axis u-u		Axis v-v			
	G kg/m	h = b mm	t mm	r mm	A mm ² x10 ²	z _s =y _s mm	v mm	u ₁ mm	u ₂ mm	I _y =I _z mm ⁴ x10 ⁴	W _{el,y} =W _{el,z} mm ³ x10 ³	i _y =i _z mm x10	I _u mm ⁴ x10 ⁴	i _u mm x10	I _v mm ⁴ x10 ⁴	i _v mm x10	I _{yz} mm ⁴ x10 ⁴
L 75 x 75 x 9	10.22	75	9	9 / 2 *	12.78	21.77	53.03	30.79	26.74	65.40	12.29	2.26	103.66	2.85	27.13	1.46	-38.26
L 75 x 75 x 10	11.27	75	10	9 / 2 *	14.09	22.16	53.03	31.35	26.89	71.43	13.52	2.25	113.08	2.83	29.77	1.45	-41.66
L 80 x 80 x 6	7.48	80	6	10 / 2 *	9.35	21.67	56.57	30.65	28.09	55.82	9.57	2.44	88.51	3.08	23.13	1.57	-32.69
L 80 x 80 x 7	8.65	80	7	10 / 2 *	10.82	22.12	56.57	31.29	28.16	64.19	11.09	2.44	101.83	3.07	26.55	1.57	-37.64
L 80 x 80 x 8	9.81	80	8	10 / 2 *	12.27	22.55	56.57	31.89	28.26	72.25	12.58	2.43	114.61	3.06	29.88	1.56	-42.36
L 80 x 80 x 9	10.96	80	9	10 / 2 *	13.70	22.96	56.57	32.47	28.39	80.01	14.03	2.42	126.87	3.04	33.16	1.56	-46.86
L 80 x 80 x 10	12.09	80	10	10 / 2 *	15.11	23.36	56.57	33.04	28.53	87.50	15.45	2.41	138.63	3.03	36.38	1.55	-51.12
L 90 x 90 x 6	8.44	90	6	10 / 2 *	10.55	24.16	63.64	34.17	31.64	80.72	12.26	2.77	128.08	3.48	33.37	1.78	-47.35
L 90 x 90 x 7	9.79	90	7	11 / 2 *	12.24	24.52	63.64	34.68	31.63	92.55	14.13	2.75	146.80	3.46	38.29	1.77	-54.25
L 90 x 90 x 8	11.11	90	8	11 / 2 *	13.89	24.96	63.64	35.31	31.71	104.38	16.05	2.74	165.63	3.45	43.14	1.76	-61.24
L 90 x 90 x 9	12.42	90	9	11 / 2 *	15.52	25.39	63.64	35.90	31.82	115.83	17.93	2.73	183.78	3.44	47.89	1.76	-67.94
L 90 x 90 x 10	13.70	90	10	11 / 2 *	17.13	25.80	63.64	36.48	31.95	126.91	19.77	2.72	201.27	3.43	52.56	1.75	-74.36
L 100 x 100 x 6	9.44	100	6	12 / 2 *	11.79	26.42	70.71	37.36	35.10	111.05	15.09	3.07	175.90	3.86	46.21	1.98	-64.84
L 100 x 100 x 7	10.93	100	7	12 / 2 *	13.66	26.91	70.71	38.06	35.12	128.20	17.54	3.06	203.29	3.86	53.11	1.97	-75.09
L 100 x 100 x 8	12.41	100	8	12 / 2 *	15.51	27.37	70.71	38.70	35.18	144.84	19.94	3.06	229.81	3.85	59.87	1.96	-84.97
L 100 x 100 x 9	13.88	100	9	12 / 2 *	17.34	27.80	70.71	39.32	35.27	160.99	22.30	3.05	255.49	3.84	66.50	1.96	-94.50
L 100 x 100 x 10	15.32	100	10	12 / 2 *	19.15	28.22	70.71	39.92	35.38	176.68	24.62	3.04	280.34	3.83	73.01	1.95	-103.66
L 100 x 100 x 12	18.17	100	12	12 / 2 *	22.71	29.03	70.71	41.06	35.65	206.69	29.12	3.02	327.62	3.80	85.76	1.94	-120.93
L 110 x 110 x 6	10.40	110	6	12 / 2 *	12.99	28.91	77.78	40.88	38.66	149.46	18.43	3.39	236.86	4.27	62.07	2.19	-87.40
L 110 x 110 x 7	12.05	110	7	12 / 2 *	15.06	29.40	77.78	41.58	38.67	172.69	21.43	3.39	273.98	4.26	71.40	2.18	-101.29
L 110 x 110 x 8	13.69	110	8	12 / 2 *	17.11	29.86	77.78	42.23	38.73	195.29	24.37	3.38	310.03	4.26	80.55	2.17	-114.74
L 110 x 110 x 9	15.32	110	9	12 / 2 *	19.14	30.30	77.78	42.85	38.81	217.29	27.26	3.37	345.05	4.25	89.53	2.16	-127.76
L 110 x 110 x 10	16.95	110	10	13 / 2 *	21.18	30.64	77.78	43.34	38.82	237.98	29.99	3.35	377.70	4.22	98.26	2.15	-139.72
L 110 x 110 x 11	18.54	110	11	13 / 2 *	23.17	31.06	77.78	43.93	38.94	258.82	32.79	3.34	410.72	4.21	106.93	2.15	-151.90
L 110 x 110 x 12	20.11	110	12	13 / 2 *	25.14	31.47	77.78	44.50	39.07	279.11	35.54	3.33	442.75	4.20	115.47	2.14	-163.64

Other custom sizes are available upon request

* Profiles are also available as laser welded with full penetration, non tapered, equivalent to hot rolled (r = laser seam).

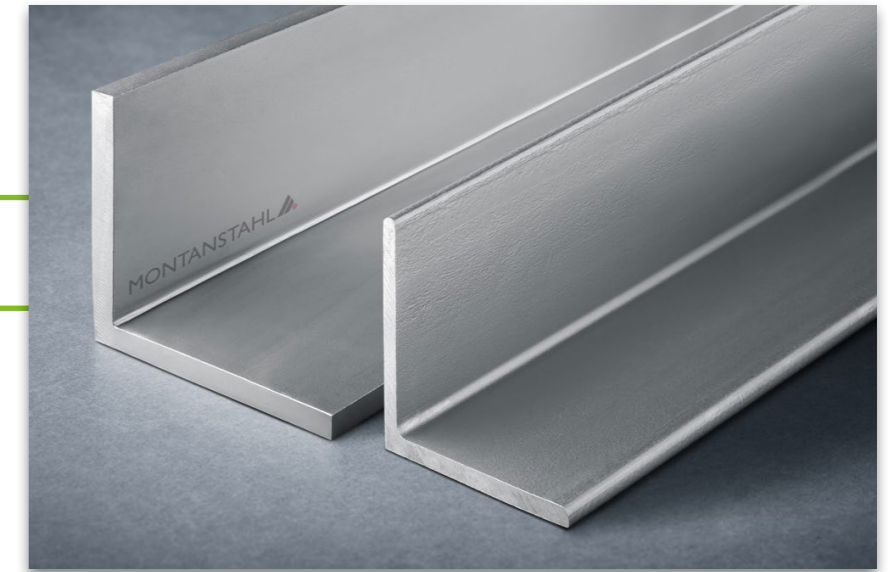
L EQUAL LEG ANGLES



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10056-1: 1998
Tolerances: EN 10056-2:1993.
Grade according to EN 10088-3: 1D
Surface condition: blasted and pickled

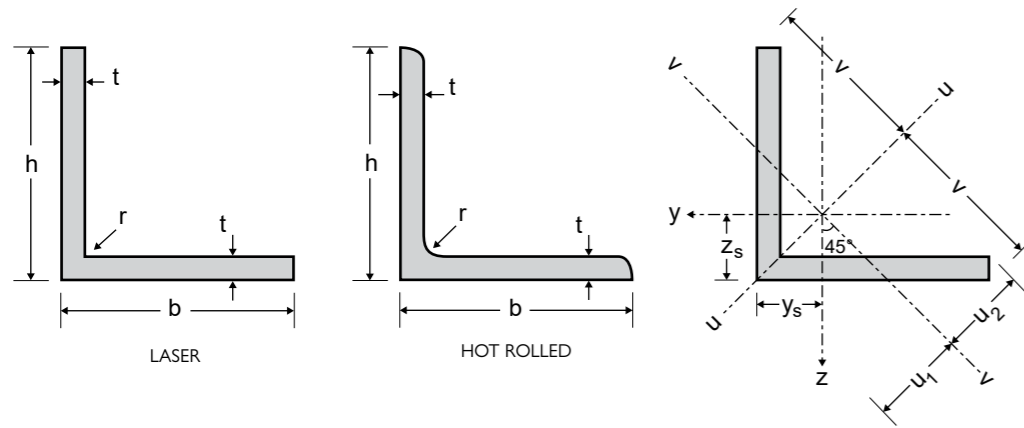


General properties						Structural properties											
Designation		Dimensions				Position of axes				Axis y-y / axis z-z			Axis u-u		Axis v-v		
	G kg/m	h = b mm	t mm	r mm	A mm ² x10 ²	z _s =y _s mm	v mm	u ₁ mm	u ₂ mm	I _y =I _z mm ⁴ x10 ⁴	W _{ely} =W _{elz} mm ³ x10 ³	i _y =i _z mm x10	I _u mm ⁴ x10 ⁴	i _u mm x10	I _v mm ⁴ x10 ⁴	i _v mm x10	I _{yz} mm ⁴ x10 ⁴
L 120 x 120 x 7	13.19	120	7	13 / 2 *	16.49	31.78	84.85	44.94	42.17	225.58	25.57	3.70	357.71	4.66	93.45	2.38	-132.13
L 120 x 120 x 8	14.99	120	8	13 / 2 *	18.74	32.25	84.85	45.61	42.21	255.43	29.11	3.69	405.38	4.65	105.48	2.37	-149.95
L 120 x 120 x 9	16.78	120	9	13 / 2 *	20.97	32.70	84.85	46.25	42.27	284.54	32.59	3.68	451.79	4.64	117.29	2.36	-167.25
L 120 x 120 x 10	18.55	120	10	13 / 2 *	23.18	33.14	84.85	46.86	42.37	312.94	36.03	3.67	496.96	4.63	128.91	2.36	-184.03
L 120 x 120 x 11	20.30	120	11	13 / 2 *	25.37	33.56	84.85	47.46	42.48	340.64	39.41	3.66	540.93	4.62	140.35	2.35	-200.29
L 120 x 120 x 12	22.03	120	12	13 / 2 *	27.54	33.97	84.85	48.03	42.61	367.67	42.73	3.65	583.70	4.60	151.63	2.35	-216.04
L 120 x 120 x 13	23.75	120	13	13 / 2 *	29.69	34.37	84.85	48.60	42.75	394.04	46.01	3.64	625.31	4.59	162.77	2.34	-231.27
L 120 x 120 x 14	25.46	120	14	13 / 2 *	31.82	34.76	84.85	49.16	42.90	419.77	49.25	3.63	665.77	4.57	173.78	2.34	-246.00
L 120 x 120 x 15	27.15	120	15	13 / 2 *	33.93	35.15	84.85	49.71	43.06	444.89	52.43	3.62	705.10	4.56	184.67	2.33	-260.21
L 120 x 120 x 16	28.82	120	16	13 / 2 *	36.02	35.53	84.85	50.25	43.22	469.40	55.57	3.61	743.33	4.54	195.48	2.33	-273.93
L 130 x 130 x 8	16.30	130	8	14 / 2 *	20.37	34.64	91.92	48.98	45.70	326.74	34.26	4.00	518.35	5.04	135.13	2.58	-191.61
L 130 x 130 x 9	18.24	130	9	14 / 2 *	22.80	35.10	91.92	49.64	45.75	364.36	38.39	4.00	578.39	5.04	150.33	2.57	-214.03
L 130 x 130 x 10	20.17	130	10	14 / 2 *	25.21	35.55	91.92	50.27	45.83	401.12	42.47	3.99	636.97	5.03	165.28	2.56	-235.84
L 130 x 130 x 11	22.08	130	11	14 / 2 *	27.60	35.98	91.92	50.88	45.93	437.05	46.48	3.98	694.10	5.01	180.01	2.55	-257.05
L 130 x 130 x 12	23.98	130	12	14 / 2 *	29.97	36.39	91.92	51.47	46.04	472.17	50.44	3.97	749.82	5.00	194.53	2.55	-277.65
L 130 x 130 x 13	25.86	130	13	14 / 2 *	32.32	36.80	91.92	52.05	46.17	506.50	54.35	3.96	804.14	4.99	208.86	2.54	-297.64
L 130 x 130 x 14	27.72	130	14	14 / 2 *	34.65	37.20	91.92	52.61	46.31	540.06	58.20	3.95	857.09	4.97	223.03	2.54	-317.03
L 130 x 130 x 15	29.57	130	15	14 / 2 *	36.96	37.60	91.92	53.17	46.46	572.87	62.00	3.94	908.70	4.96	237.05	2.53	-335.82
L 130 x 130 x 16	31.40	130	16	14 / 2 *	39.25	37.99	91.92	53.72	46.62	604.96	65.75	3.93	958.98	4.94	250.93	2.53	-354.02
L 140 x 140 x 9	19.71	140	9	15 / 2 *	24.63	37.49	98.99	53.02	49.23	457.79	44.66	4.31	726.49	5.43	189.10	2.77	-268.69
L 140 x 140 x 10	21.79	140	10	15 / 2 *	27.24	37.95	98.99	53.67	49.29	504.43	49.43	4.30	800.88	5.42	207.98	2.76	-296.45
L 140 x 140 x 11	23.87	140	11	15 / 2 *	29.83	38.39	98.99	54.29	49.38	550.09	54.14	4.29	873.59	5.41	226.59	2.76	-323.50
L 140 x 140 x 12	25.92	140	12	15 / 2 *	32.40	38.81	98.99	54.89	49.48	594.78	58.78	4.28	944.63	5.40	244.94	2.75	-349.85
L 140 x 140 x 13	27.96	140	13	15 / 2 *	34.95	39.23	98.99	55.48	49.60	638.54	63.37	4.27	1014.03	5.39	263.05	2.74	-375.49
L 140 x 140 x 14	29.99	140	14	15 / 2 *	37.48	39.64	98.99	56.06	49.73	681.38	67.89	4.26	1081.81	5.37	280.95	2.74	-400.43
L 140 x 140 x 15	31.99	140	15	15 / 2 *	39.99	40.04	98.99	56.62	49.87	723.33	72.36	4.25	1148.00	5.36	298.66	2.73	-424.67
L 140 x 140 x 16	33.99	140	16	15 / 2 *	42.48	40.43	98.99	57.18	50.02	764.41	76.77	4.24	1212.63	5.34	316.19	2.73	-448.22

Other custom sizes are available upon request

* Profiles are also available as laser welded with full penetration, non tapered, equivalent to hot rolled (r = laser seam).

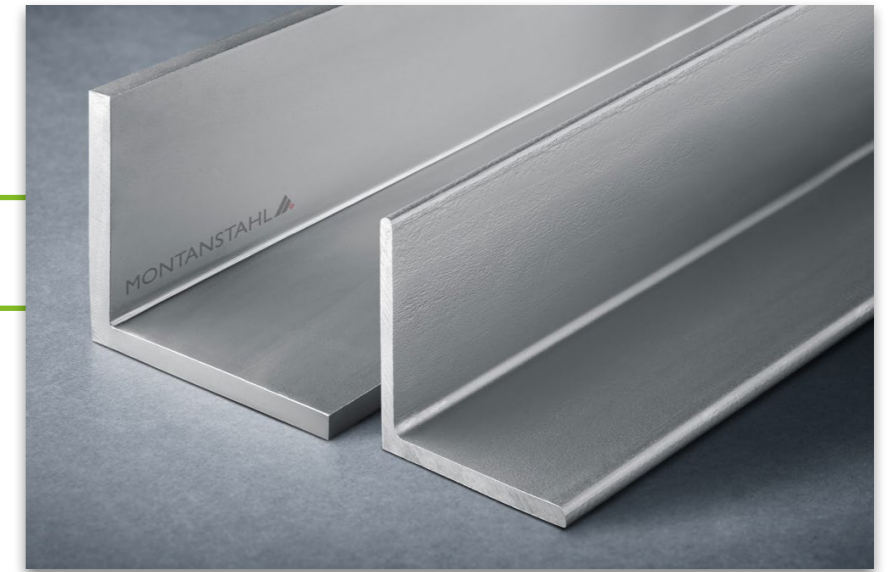
L EQUAL LEG ANGLES



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10056-1: 1998
 Tolerances: EN 10056-2:1993.
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled

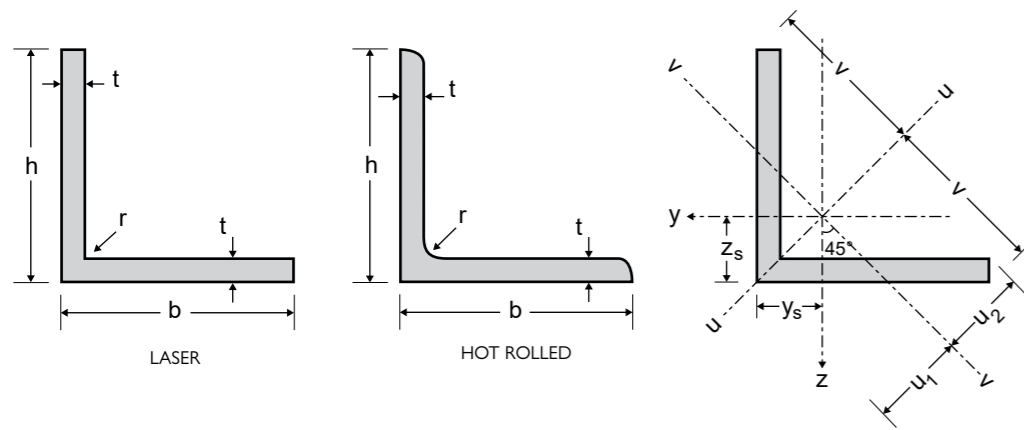


General properties						Structural properties											
Designation		Dimensions				Position of axes				Axis y-y / axis z-z			Axis u-u		Axis v-v		
	G kg/m	h = b mm	t mm	r mm	A mm ² x10 ²	z _s =y _s mm	v mm	u ₁ mm	u ₂ mm	I _y =I _z mm ⁴ x10 ⁴	W _{ely} =W _{elz} mm ³ x10 ³	i _y =i _z mm x10	I _u mm ⁴ x10 ⁴	i _u mm x10	I _v mm ⁴ x10 ⁴	i _v mm x10	I _{yz} mm ⁴ x10 ⁴
L 150 x 150 x 10	23.42	150	10	16 / 2 *	29.27	40.34	106.07	57.05	52.77	624.04	56.91	4.62	990.54	5.82	257.54	2.97	-366.50
L 150 x 150 x 12	27.87	150	12	16 / 2 *	34.83	41.23	106.07	58.31	52.93	736.91	67.75	4.60	1170.35	5.80	303.47	2.95	-433.44
L 150 x 150 x 13	30.07	150	13	16 / 2 *	37.58	41.65	106.07	58.90	53.04	791.69	73.07	4.59	1257.39	5.78	325.99	2.95	-465.70
L 150 x 150 x 14	32.25	150	14	16 / 2 *	40.31	42.07	106.07	59.49	53.16	845.39	78.33	4.58	1342.54	5.77	348.25	2.94	-497.15
L 150 x 150 x 15	34.42	150	15	16 / 2 *	43.02	42.47	106.07	60.07	53.29	898.05	83.52	4.57	1425.84	5.76	370.26	2.93	-527.79
L 150 x 150 x 16	36.57	150	16	16 / 2 *	45.71	42.87	106.07	60.63	53.43	949.68	88.65	4.56	1507.32	5.74	392.05	2.93	-557.63
L 150 x 150 x 18	40.83	150	18	16 / 2 *	51.03	43.66	106.07	61.74	53.74	1049.96	98.74	4.54	1664.90	5.71	435.03	2.92	-614.93
L 150 x 150 x 20	45.02	150	20	16 / 2 *	56.27	44.43	106.07	62.83	54.07	1146.43	108.59	4.51	1815.50	5.68	477.36	2.91	-669.07
L 160 x 160 x 15	36.85	160	15	2 +	46.06	44.90	113.14	63.50	56.72	1098.83	95.47	4.88	1745.03	6.16	452.63	3.13	-646.20
L 160 x 160 x 16	39.16	160	16	2 +	48.95	45.31	113.14	64.08	56.85	1162.70	101.38	4.87	1846.06	6.14	479.34	3.13	-683.36
L 160 x 160 x 18	43.74	160	18	2 +	54.67	46.10	113.14	65.20	57.14	1286.96	112.99	4.85	2041.90	6.11	532.01	3.12	-754.95
L 160 x 160 x 20	48.25	160	20	2 +	60.31	46.88	113.14	66.30	57.46	1406.75	124.36	4.83	2229.67	6.08	583.84	3.11	-822.92
L 180 x 180 x 13	36.37	180	13	2 +	45.46	48.97	127.28	69.26	63.49	1396.09	106.55	5.54	2217.95	6.99	574.23	3.55	-821.86
L 180 x 180 x 15	41.68	180	15	2 +	52.10	49.82	127.28	70.46	63.70	1588.55	122.03	5.52	2524.07	6.96	653.04	3.54	-935.52
L 180 x 180 x 16	44.31	180	16	2 +	55.39	50.24	127.28	71.05	63.82	1682.43	129.65	5.51	2673.03	6.95	691.83	3.53	-990.60
L 180 x 180 x 18	49.53	180	18	2 +	61.91	51.04	127.28	72.19	64.09	1865.60	144.67	5.49	2962.89	6.92	768.32	3.52	-1097.29
L 180 x 180 x 20	54.68	180	20	2 +	68.35	51.83	127.28	73.30	64.39	2042.87	159.39	5.47	3242.24	6.89	843.51	3.51	-1199.36
L 200 x 200 x 13	40.53	200	13	2 +	50.66	53.96	141.42	76.31	70.57	1939.06	132.78	6.19	3082.36	7.80	795.77	3.96	-1143.30
L 200 x 200 x 15	46.48	200	15	2 +	58.10	54.82	141.42	77.52	70.78	2209.25	152.17	6.17	3512.66	7.78	905.85	3.95	-1303.40
L 200 x 200 x 16	49.43	200	16	2 +	61.79	55.23	141.42	78.11	70.90	2341.35	161.73	6.16	3722.65	7.76	960.06	3.94	-1381.29
L 200 x 200 x 18	55.29	200	18	2 +	69.11	56.04	141.42	79.26	71.17	2599.74	180.59	6.13	4132.50	7.73	1066.98	3.93	-1532.76
L 200 x 200 x 20	61.08	200	20	2 +	76.35	56.83	141.42	80.38	71.46	2850.58	199.11	6.11	4529.08	7.70	1172.08	3.92	-1678.50
L 250 x 250 x 13	50.93	250	13	2 +	63.66	66.44	176.78	93.96	88.28	3872.91	210.99	7.80	6163.21	9.84	1582.61	4.99	-2290.30
L 250 x 250 x 15	58.48	250	15	2 +	73.10	67.30	176.78	95.18	88.47	4423.16	242.10	7.78	7041.15	9.81	1805.18	4.97	-2617.99
L 250 x 250 x 18	69.69	250	18	2 +	87.11	68.54	176.78	96.93	88.85	5224.24	287.90	7.74	8316.73	9.77	2131.74	4.95	-3092.50

Other custom sizes are available upon request

Profiles are * also available or + only available as laser welded with full penetration, non tapered, equivalent to hot rolled (r = laser seam).

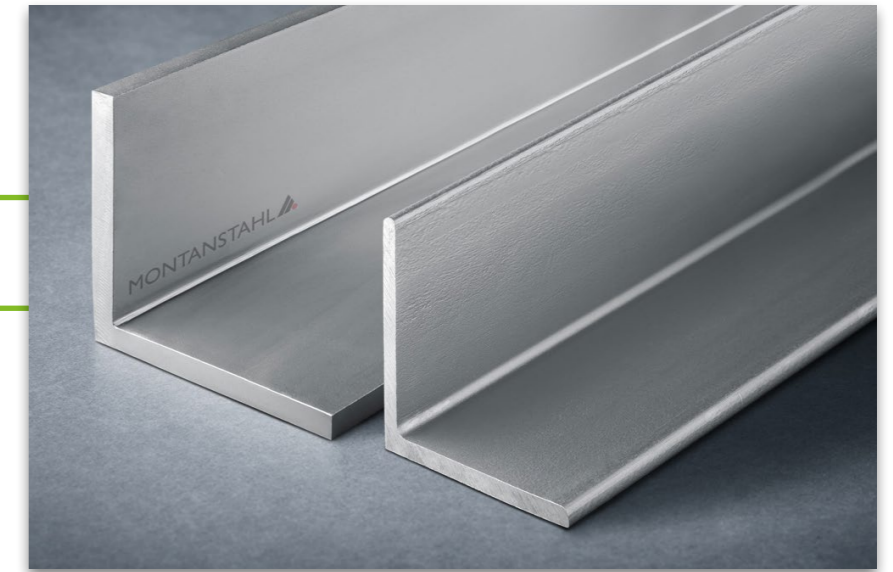
L EQUAL LEG ANGLES



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10056-1: 1998
 Tolerances: EN 10056-2:1993.
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled



General properties						Structural properties											
Designation		Dimensions				Position of axes				Axis y-y / axis z-z			Axis u-u		Axis v-v		
	G kg/m	h = b mm	t mm	r mm	A mm ² ×10 ²	z _s =y _s mm	v mm	u ₁ mm	u ₂ mm	I _y =I _z mm ⁴ ×10 ⁴	W _{el,y} =W _{el,z} mm ³ ×10 ³	i _y =i _z mm ×10	I _u mm ⁴ ×10 ⁴	i _u mm ×10	I _v mm ⁴ ×10 ⁴	i _v mm ×10	I _{yz} mm ⁴ ×10 ⁴
L 250 × 250 × 20	77.08	250	20	2 +	96.35	69.34	176.78	98.06	89.13	5742.57	317.86	7.72	9140.12	9.74	2345.02	4.93	-3397.55
L 300 × 300 × 13	61.33	300	13	2 +	76.66	78.93	212.13	111.63	105.97	6792.72	307.27	9.41	10818.12	11.88	2767.32	6.01	-4025.40
L 300 × 300 × 15	70.48	300	15	2 +	88.10	79.80	212.13	112.85	106.16	7770.54	352.88	9.39	12379.71	11.85	3161.37	5.99	-4609.17
L 300 × 300 × 16	75.03	300	16	2 +	93.79	80.22	212.13	113.44	106.28	8252.16	375.47	9.38	13148.28	11.84	3356.04	5.98	-4896.12
L 300 × 300 × 18	84.09	300	18	2 +	105.11	81.04	212.13	114.60	106.53	9201.10	420.21	9.36	14661.28	11.81	3740.92	5.97	-5460.18
L 300 × 300 × 20	93.08	300	20	2 +	116.35	81.84	212.13	115.74	106.81	10131.30	464.40	9.33	16142.46	11.78	4120.14	5.95	-6011.16

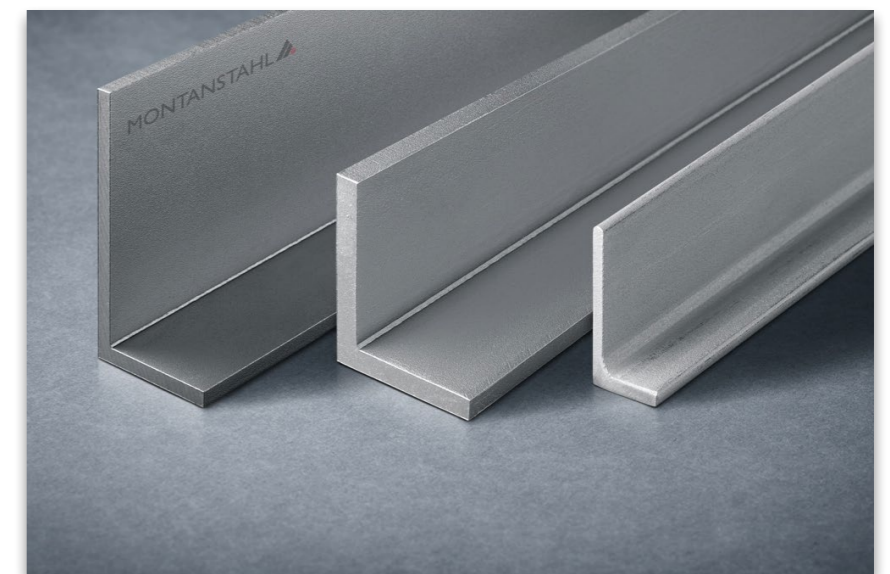
Other custom sizes are available upon request

+ Profiles are only available as laser welded with full penetration, non tapered, equivalent to hot rolled (r = laser seam).



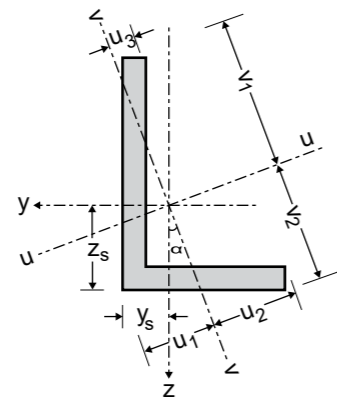
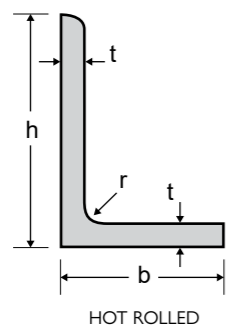
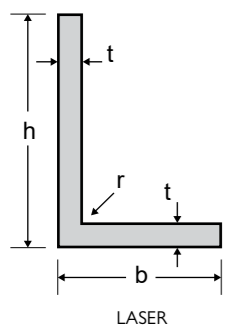
STAINLESS STEEL

UNEQUAL LEG ANGLES



LASER WELDED &
HOT ROLLED PROFILES

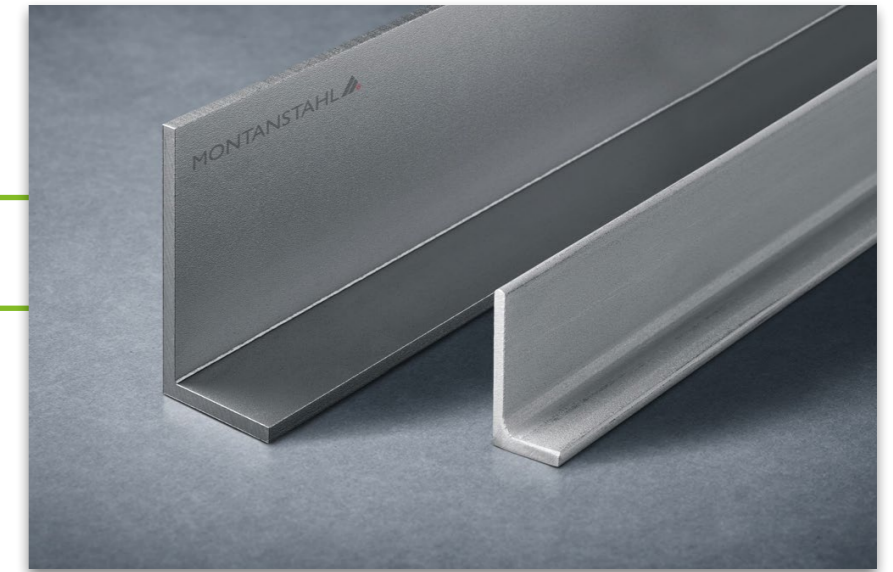
L UNEQUAL LEG ANGLES



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10056-1: 1998
 Tolerances: EN 10056-2:1993
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled

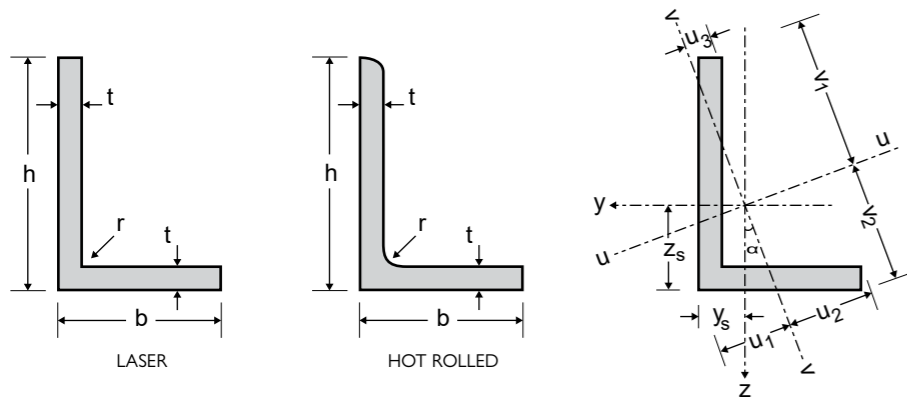


General properties														Structural properties											
Designation		Dimensions					Position of axes							Axis y-y			Axis z-z			Axis u-u		Axis v-v		α	
	G kg/m	h mm	b mm	t mm	r mm	A mm ² ×10 ²	y _s mm	z _s mm	v ₁ mm	v ₂ mm	u ₁ mm	u ₂ mm	u ₃ mm	I _y mm ⁴ ×10 ⁴	W _{ely} mm ³ ×10 ³	i _y mm ×10	I _z mm ⁴ ×10 ⁴	W _{elz} mm ³ ×10 ³	i _z mm ×10	I _u mm ⁴ ×10 ⁴	i _u mm ×10	I _v mm ⁴ ×10 ⁴	i _v mm ×10		I _{yz} mm ⁴ ×10 ⁴
L 20 × 10 × 3	0.66	20	10	3	3.5	0.82	2.77	7.62	12.69	9.08	4.46	5.61	2.72	0.31	0.25	0.61	0.05	0.07	0.24	0.32	0.63	0.03	0.20	-0.06	13.33
L 25 × 15 × 3	0.90	25	15	3	3.5	1.12	3.87	8.76	16.62	11.91	6.52	8.17	4.00	0.68	0.42	0.78	0.18	0.16	0.40	0.74	0.81	0.11	0.31	-0.19	19.03
L 30 × 15 × 3	1.03	30	15	3	5	1.29	3.56	10.75	19.54	13.18	6.04	8.71	3.55	1.12	0.58	0.93	0.18	0.16	0.37	1.18	0.96	0.12	0.30	-0.25	13.90
L 30 × 20 × 3	1.15	30	20	3	5	1.44	4.97	9.78	20.55	14.87	8.39	10.42	5.29	1.23	0.61	0.93	0.43	0.28	0.55	1.41	0.99	0.25	0.42	-0.42	22.95
L 30 × 20 × 4	1.49	30	20	4	5	1.87	5.38	10.24	20.31	15.09	8.92	10.30	5.59	1.57	0.80	0.92	0.54	0.37	0.54	1.79	0.98	0.32	0.42	-0.52	22.73
L 40 × 20 × 3	1.39	40	20	3	5	1.74	4.37	14.06	26.22	17.48	7.70	11.89	4.51	2.78	1.07	1.27	0.46	0.29	0.51	2.94	1.30	0.30	0.42	-0.63	14.24
L 40 × 20 × 4	1.82	40	20	4	6	2.28	4.76	14.42	25.97	17.67	8.10	11.64	4.79	3.55	1.39	1.25	0.57	0.38	0.50	3.74	1.28	0.38	0.41	-0.79	13.96
L 40 × 20 × 5	2.23	40	20	5	6	2.79	5.17	14.89	25.62	17.98	8.55	11.44	5.16	4.28	1.70	1.24	0.69	0.47	0.50	4.50	1.27	0.46	0.41	-0.93	13.70
L 40 × 30 × 3	1.63	40	30	3	5	2.04	7.34	12.21	27.92	21.55	12.28	14.62	8.56	3.19	1.15	1.25	1.53	0.67	0.87	3.88	1.38	0.83	0.64	-1.28	28.52
L 40 × 30 × 4	2.14	40	30	4	6	2.68	7.71	12.57	27.81	21.64	12.75	14.49	8.68	4.08	1.49	1.23	1.94	0.87	0.85	4.95	1.36	1.06	0.63	-1.63	28.32
L 40 × 30 × 5	2.63	40	30	5	6	3.29	8.12	13.01	27.63	21.80	13.30	14.44	8.93	4.94	1.83	1.23	2.34	1.07	0.84	5.98	1.35	1.29	0.63	-1.95	28.18
L 45 × 30 × 3	1.77	45	30	3	7	2.21	6.80	13.94	31.25	21.89	11.70	16.00	7.53	4.34	1.40	1.40	1.51	0.65	0.83	4.96	1.50	0.89	0.64	-1.46	22.97
L 45 × 30 × 4	2.31	45	30	4	7	2.89	7.26	14.49	30.92	22.23	12.36	15.72	7.85	5.65	1.85	1.40	1.97	0.87	0.82	6.46	1.49	1.16	0.63	-1.91	23.04
L 45 × 30 × 5	2.84	45	30	5	7	3.55	7.69	14.97	30.65	22.48	12.92	15.57	8.15	6.86	2.29	1.39	2.38	1.07	0.82	7.84	1.49	1.41	0.63	-2.31	22.95
L 50 × 30 × 3	1.89	50	30	3	7	2.36	6.46	16.02	34.21	22.88	11.38	16.98	6.97	5.85	1.72	1.57	1.55	0.66	0.81	6.44	1.65	0.96	0.64	-1.71	19.24
L 50 × 30 × 4	2.47	50	30	4	7	3.09	6.92	16.58	33.83	23.28	12.02	16.66	7.33	7.61	2.28	1.57	2.02	0.88	0.81	8.39	1.65	1.24	0.63	-2.23	19.30
L 50 × 30 × 5	3.04	50	30	5	7	3.80	7.35	17.07	33.51	23.57	12.56	16.46	7.66	9.26	2.81	1.56	2.45	1.08	0.80	10.20	1.64	1.51	0.63	-2.70	19.21
L 50 × 40 × 3	2.13	50	40	3	7	2.66	9.58	14.38	35.35	28.20	15.70	18.61	11.77	6.41	1.80	1.55	3.62	1.19	1.17	8.12	1.75	1.91	0.85	-2.78	31.65
L 50 × 40 × 4	2.79	50	40	4	7	3.49	10.06	14.91	35.14	28.43	16.40	18.41	11.97	8.37	2.39	1.55	4.72	1.58	1.16	10.63	1.74	2.46	0.84	-3.65	31.72
L 50 × 40 × 5	3.44	50	40	5	7	4.30	10.50	15.38	34.98	28.58	17.01	18.33	12.19	10.21	2.95	1.54	5.75	1.95	1.16	12.96	1.74	3.00	0.84	-4.45	31.69
L 60 × 30 × 5	3.45	60	30	5	8	4.32	6.75	21.28	39.20	26.31	11.75	17.70	6.91	15.41	3.98	1.89	2.53	1.09	0.77	16.29	1.94	1.65	0.62	-3.47	14.15
L 60 × 30 × 6	4.09	60	30	6	8	5.11	7.17	21.76	38.83	26.65	12.23	17.48	7.28	18.05	4.72	1.88	2.95	1.29	0.76	19.06	1.93	1.95	0.62	-4.02	14.02
L 60 × 30 × 7	4.70	60	30	7	8	5.88	7.57	22.22	38.50	26.94	12.66	17.30	7.64	20.54	5.44	1.87	3.35	1.49	0.75	21.65	1.92	2.23	0.62	-4.51	13.83

Other custom sizes are available upon request

* Profiles are also available laser welded with full penetration, equivalent to hot rolled (r = laser seam).

L UNEQUAL LEG ANGLES



STAINLESS STEEL

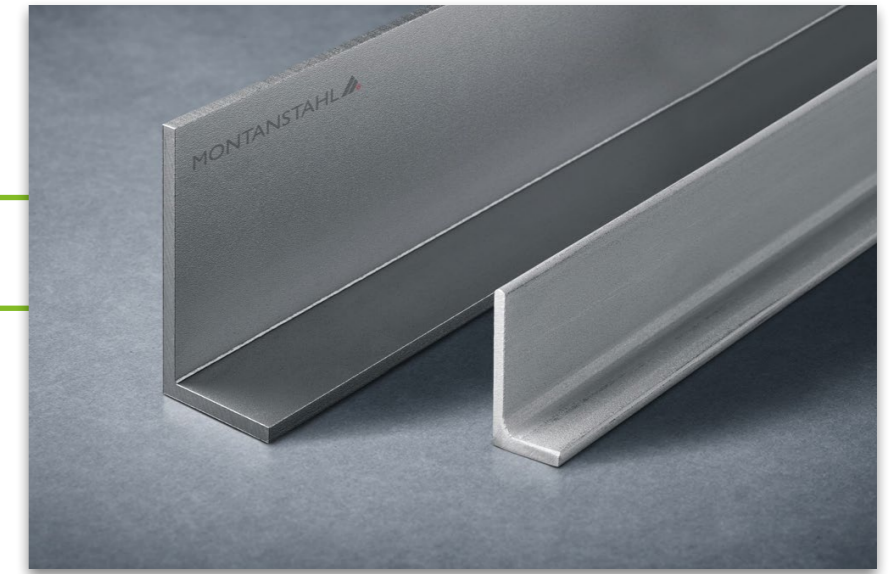
Product Description

Dimensions: in accordance with EN 10056-1: 1998

Tolerances: EN 10056-2:1993

Grade according to EN 10088-3: 1D

Surface condition: blasted and pickled

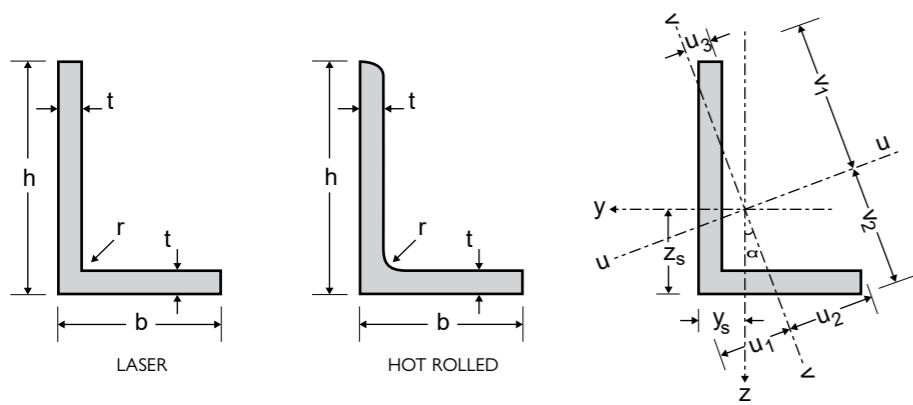


General properties							Structural properties																		
Designation		Dimensions					Position of axes						Axis y-y			Axis z-z			Axis u-u		Axis v-v		α		
G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	y _s mm	z _s mm	v ₁ mm	v ₂ mm	u ₁ mm	u ₂ mm	u ₃ mm	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	i _y mm x10	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	i _z mm x10	I _u mm ⁴ x10 ⁴	i _u mm x10	I _v mm ⁴ x10 ⁴	i _v mm x10		I _{yz} mm ⁴ x10 ⁴	
L 60 x 40 x 5	3.85	60	40	5	8 / 2 *	4.82	9.61	19.33	41.17	29.74	16.45	21.03	10.54	17.00	4.18	1.88	5.98	1.97	1.11	19.49	2.01	3.49	0.85	-5.79	23.21
L 60 x 40 x 6	4.57	60	40	6	8 / 2 *	5.71	10.03	19.79	40.92	29.97	17.00	20.89	10.84	19.96	4.96	1.87	7.00	2.33	1.11	22.86	2.00	4.10	0.85	-6.78	23.13
L 65 x 50 x 5	4.47	65	50	5	9 / 2 *	5.59	12.34	19.60	45.55	35.68	20.42	23.85	14.47	22.79	5.02	2.02	11.62	3.09	1.44	28.17	2.25	6.25	1.06	-9.43	29.68
L 65 x 50 x 7	6.12	65	50	7	9 / 2 *	7.65	13.19	20.52	45.19	36.03	21.61	23.68	14.95	30.71	6.91	2.00	15.61	4.24	1.43	37.92	2.23	8.40	1.05	-12.68	29.61
L 65 x 50 x 8	6.92	65	50	8	9 / 2 *	8.65	13.59	20.94	45.04	36.16	22.15	23.67	15.20	34.40	7.81	1.99	17.44	4.79	1.42	42.40	2.21	9.44	1.04	-14.13	29.52
L 65 x 50 x 9	7.70	65	50	9	9 / 2 *	9.63	13.98	21.35	44.90	36.28	22.66	23.69	15.46	37.92	8.71	1.98	19.18	5.33	1.41	46.63	2.20	10.47	1.04	-15.47	29.40
L 70 x 50 x 6	5.54	70	50	6	9 / 2 *	6.93	12.35	22.10	48.43	36.45	20.84	25.15	13.91	33.12	6.91	2.19	13.95	3.71	1.42	39.23	2.38	7.84	1.06	-12.43	26.19
L 70 x 50 x 7	6.40	70	50	7	9 / 2 *	8.00	12.77	22.55	48.22	36.64	21.39	25.06	14.19	37.92	7.99	2.18	15.94	4.28	1.41	44.87	2.37	8.98	1.06	-14.19	26.12
L 70 x 50 x 8	7.24	70	50	8	9 / 2 *	9.05	13.17	22.98	48.03	36.81	21.92	25.01	14.46	42.51	9.04	2.17	17.81	4.84	1.40	50.23	2.36	10.09	1.06	-15.82	26.02
L 70 x 50 x 9	8.06	70	50	9	9 / 2 *	10.08	13.56	23.39	47.85	36.95	22.41	24.99	14.74	46.90	10.06	2.16	19.60	5.38	1.39	55.31	2.34	11.18	1.05	-17.34	25.89
L 75 x 50 x 6	5.78	75	50	6	9 / 2 *	7.23	11.96	24.16	51.42	37.25	20.55	26.32	13.23	40.22	7.91	2.36	14.21	3.74	1.40	46.16	2.53	8.28	1.07	-13.77	23.32
L 75 x 50 x 7	6.68	75	50	7	9 / 2 *	8.35	12.38	24.62	51.18	37.47	21.09	26.20	13.53	46.09	9.15	2.35	16.24	4.32	1.39	52.84	2.52	9.48	1.07	-15.73	23.25
L 75 x 50 x 8	7.56	75	50	8	9 / 2 *	9.45	12.78	25.05	50.95	37.67	21.60	26.11	13.83	51.71	10.35	2.34	18.16	4.88	1.39	59.21	2.50	10.65	1.06	-17.55	23.15
L 75 x 55 x 6	6.02	75	55	6	9 / 2 *	7.53	13.55	23.32	52.10	39.81	22.78	27.21	15.57	41.52	8.03	2.35	18.79	4.53	1.58	49.94	2.58	10.36	1.17	-16.20	27.47
L 75 x 55 x 7	6.96	75	55	7	9 / 2 *	8.70	13.97	23.77	51.91	39.99	23.35	27.13	15.84	47.60	9.29	2.34	21.49	5.24	1.57	57.21	2.56	11.87	1.17	-18.54	27.42
L 75 x 55 x 8	7.88	75	55	8	9 / 2 *	9.85	14.37	24.20	51.73	40.15	23.88	27.09	16.11	53.43	10.52	2.33	24.06	5.92	1.56	64.14	2.55	13.35	1.16	-20.72	27.34
L 75 x 55 x 9	8.78	75	55	9	9 / 2 *	10.98	14.77	24.61	51.56	40.29	24.39	27.07	16.37	59.02	11.71	2.32	26.51	6.59	1.55	70.74	2.54	14.79	1.16	-22.76	27.23
L 80 x 40 x 6	5.56	80	40	6	10 / 2 *	6.95	8.74	28.13	52.43	34.95	15.39	23.78	9.03	44.49	8.58	2.53	7.35	2.35	1.03	47.05	2.60	4.79	0.83	-10.08	14.24
L 80 x 40 x 8	7.25	80	40	8	10 / 2 *	9.07	9.57	29.10	51.70	35.62	16.35	23.33	9.77	57.18	11.23	2.51	9.38	3.08	1.02	60.37	2.58	6.19	0.83	-12.76	14.05
L 80 x 65 x 6	6.76	80	65	6	10 / 2 *	8.45	16.35	23.66	56.26	46.17	26.54	29.52	19.77	52.32	9.29	2.49	30.81	6.33	1.91	67.31	2.82	15.83	1.37	-23.39	32.65
L 80 x 65 x 8	8.85	80	65	8	10 / 2 *	11.07	17.21	24.56	55.98	46.44	27.73	29.44	20.20	67.61	12.19	2.47	39.71	8.31	1.89	86.91	2.80	20.41	1.36	-30.18	32.60
L 80 x 65 x 10	10.89	80	65	10	10 / 2 *	13.61	18.00	25.38	55.74	46.65	28.82	29.49	20.66	81.76	14.97	2.45	47.87	10.19	1.88	104.82	2.78	24.82	1.35	-36.23	32.47
L 90 x 60 x 6	7.02	90	60	6	11 / 2 *	8.77	13.82	28.38	62.06	44.34	23.92	31.83	15.48	70.64	11.46	2.84	25.00	5.41	1.69	81.06	3.04	14.58	1.29	-24.16	23.32
L 90 x 60 x 8	9.19	90	60	8	11 / 2 *	11.49	14.68	29.34	61.52	44.86	25.08	31.48	16.09	91.50	15.09	2.82	32.25	7.12	1.68	104.94	3.02	18.82	1.28	-31.25	23.26

Other custom sizes are available upon request

* Profiles are also available laser welded with full penetration, equivalent to hot rolled (r = laser seam).

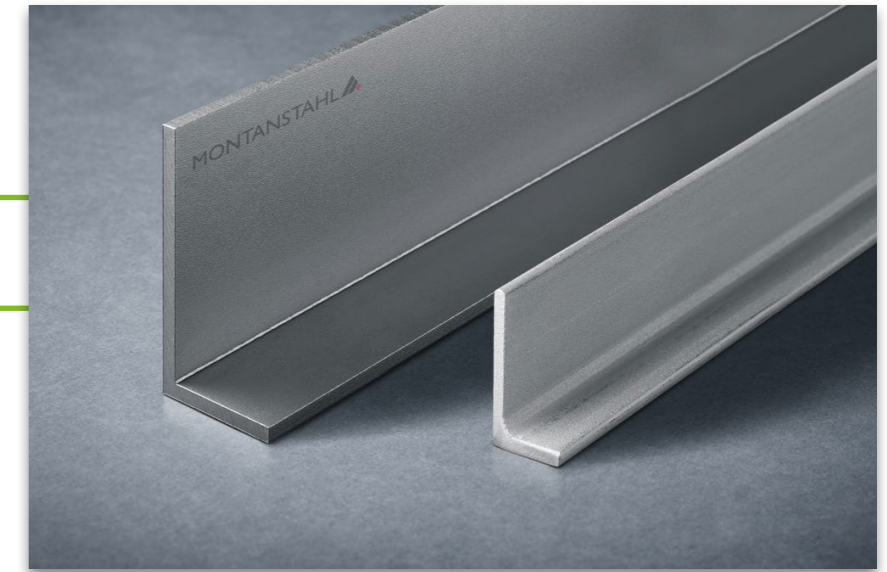
L UNEQUAL LEG ANGLES



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10056-1: 1998
 Tolerances: EN 10056-2:1993
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled

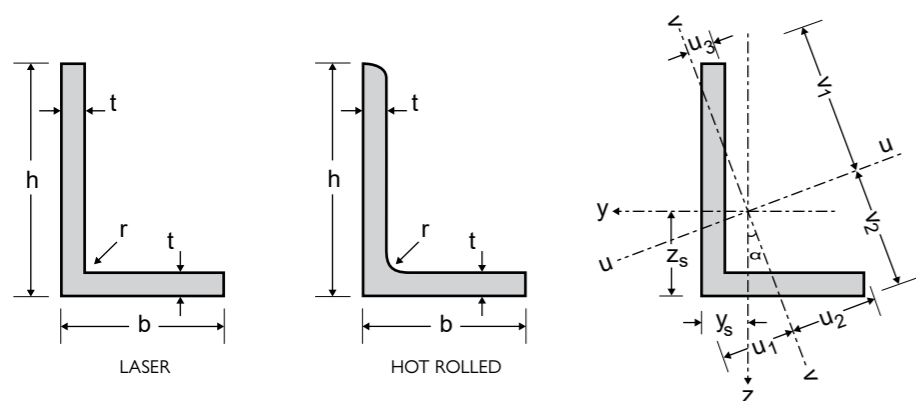


Designation	General properties													Structural properties											
	G kg/m	Dimensions					Position of axes						Axis y-y			Axis z-z			Axis u-u		Axis v-v			α	
		h mm	b mm	t mm	r mm	A mm ² $\times 10^2$	y_s mm	z_s mm	v_1 mm	v_2 mm	u_1 mm	u_2 mm	u_3 mm	I_y mm ⁴ $\times 10^4$	W_{ely} mm ³ $\times 10^3$	i_y mm $\times 10$	I_z mm ⁴ $\times 10^4$	W_{elz} mm ³ $\times 10^3$	i_z mm $\times 10$	I_u mm ⁴ $\times 10^4$	i_u mm $\times 10$	I_v mm ⁴ $\times 10^4$	i_v mm $\times 10$		I_{yz} mm ⁴ $\times 10^4$
L 100 × 50 × 6	7.04	100	50	6	12 / 2 *	8.79	10.29	34.41	66.10	43.16	18.47	30.16	10.75	88.89	13.55	3.18	14.77	3.72	1.30	94.05	3.27	9.61	1.05	-20.22	14.31
L 100 × 50 × 8	9.21	100	50	8	12 / 2 *	11.51	11.16	35.49	65.28	43.96	19.55	29.59	11.53	115.20	17.86	3.16	19.07	4.91	1.29	121.82	3.25	12.45	1.04	-26.10	14.25
L 100 × 50 × 10	11.32	100	50	10	12 / 2 *	14.15	11.97	36.43	64.58	44.58	20.47	29.18	12.26	139.76	21.99	3.14	23.00	6.05	1.27	147.59	3.23	15.17	1.04	-31.23	14.07
L 100 × 65 × 6	7.76	100	65	6	12 / 2 *	9.69	14.55	31.49	68.90	48.30	25.43	35.15	16.28	96.98	14.16	3.16	32.17	6.38	1.82	110.12	3.37	19.03	1.40	-32.01	22.33
L 100 × 65 × 7	8.97	100	65	7	12 / 2 *	11.21	15.01	32.03	68.58	48.63	26.06	34.89	16.61	111.74	16.44	3.16	37.03	7.41	1.82	126.93	3.36	21.84	1.40	-36.95	22.35
L 100 × 65 × 8	10.17	100	65	8	12 / 2 *	12.71	15.44	32.51	68.29	48.90	26.63	34.70	16.92	126.04	18.68	3.15	41.70	8.41	1.81	143.14	3.36	24.59	1.39	-41.65	22.32
L 100 × 65 × 9	11.36	100	65	9	12 / 2 *	14.19	15.86	32.98	68.03	49.14	27.17	34.56	17.23	139.88	20.87	3.14	46.17	9.39	1.80	158.77	3.34	27.28	1.39	-46.12	22.27
L 100 × 65 × 10	12.52	100	65	10	12 / 2 *	15.65	16.26	33.42	67.79	49.36	27.68	34.45	17.54	153.28	23.02	3.13	50.46	10.35	1.80	173.83	3.33	29.91	1.38	-50.35	22.20
L 100 × 75 × 6	8.24	100	75	6	12 / 2 *	10.29	17.71	29.83	70.10	53.58	29.81	36.81	21.10	101.58	14.48	3.14	48.81	8.52	2.18	123.74	3.47	26.65	1.61	-40.74	28.54
L 100 × 75 × 7	9.53	100	75	7	12 / 2 *	11.91	18.17	30.35	69.86	53.82	30.47	36.61	21.35	117.13	16.82	3.14	56.24	9.90	2.17	142.76	3.46	30.60	1.60	-47.10	28.56
L 100 × 75 × 8	10.81	100	75	8	12 / 2 *	13.51	18.61	30.83	69.66	54.03	31.08	36.48	21.60	132.20	19.11	3.13	63.39	11.24	2.17	161.13	3.45	34.46	1.60	-53.18	28.55
L 100 × 75 × 9	12.08	100	75	9	12 / 2 *	15.09	19.03	31.28	69.47	54.20	31.66	36.40	21.86	146.80	21.36	3.12	70.29	12.56	2.16	178.85	3.44	38.24	1.59	-58.99	28.52
L 100 × 75 × 10	13.32	100	75	10	12 / 2 *	16.65	19.44	31.71	69.30	54.36	32.21	36.36	22.11	160.96	23.57	3.11	76.93	13.85	2.15	195.94	3.43	41.94	1.59	-64.53	28.47
L 120 × 80 × 6	9.46	120	80	6	13 / 2 *	11.82	17.61	37.00	83.17	58.73	30.86	42.90	20.25	171.84	20.70	3.81	61.24	9.82	2.28	197.32	4.09	35.77	1.74	-58.88	23.40
L 120 × 80 × 8	12.43	120	80	8	13 / 2 *	15.54	18.54	38.07	82.54	59.38	32.15	42.38	20.88	224.46	27.40	3.80	79.86	12.99	2.27	257.95	4.07	46.37	1.73	-77.23	23.45
L 120 × 80 × 10	15.35	120	80	10	13 / 2 *	19.18	19.38	39.00	82.04	59.86	33.27	42.08	21.49	274.33	33.87	3.78	97.23	16.04	2.25	315.06	4.05	56.51	1.72	-94.19	23.38
L 130 × 65 × 6	9.24	130	65	6	14 / 2 *	11.55	12.62	43.94	86.50	55.56	23.13	39.80	13.43	199.86	23.22	4.16	33.54	6.40	1.70	211.55	4.28	21.86	1.38	-45.61	14.37
L 130 × 65 × 8	12.14	130	65	8	14 / 2 *	15.17	13.54	45.14	85.56	56.53	24.35	39.07	14.25	260.93	30.75	4.15	43.78	8.51	1.70	276.30	4.27	28.41	1.37	-59.78	14.42
L 130 × 65 × 10	14.97	130	65	10	14 / 2 *	18.71	14.39	46.16	84.79	57.26	25.38	38.56	15.00	318.86	38.03	4.13	53.25	10.52	1.69	337.45	4.25	34.66	1.36	-72.68	14.35
L 130 × 75 × 6	9.72	130	75	6	14 / 2 *	12.15	15.37	41.92	88.46	58.50	27.74	43.52	16.88	209.43	23.78	4.15	51.26	8.60	2.05	228.79	4.34	31.90	1.62	-58.62	18.27
L 130 × 75 × 8	12.78	130	75	8	14 / 2 *	15.97	16.30	43.08	87.64	59.36	29.03	42.83	17.63	273.83	31.50	4.14	66.98	11.41	2.05	299.37	4.33	41.44	1.61	-77.05	18.34
L 130 × 75 × 10	15.77	130	75	10	14 / 2 *	19.71	17.16	44.07	86.97	60.00	30.12	42.39	18.33	335.02	38.99	4.12	81.61	14.11	2.03	366.10	4.31	50.53	1.60	-94.03	18.29
L 130 × 90 × 10	16.97	130	90	10	14 / 2 *	21.21	21.70	41.31	89.56	66.29	37.12	46.38	24.55	356.43	40.19	4.10	139.54	20.43	2.56	416.59	4.43	79.38	1.93	-129.10	24.99
L 130 × 90 × 12	20.14	130	90	12	14 / 2 *	25.17	22.52	42.19	89.13	66.68	38.19	46.20	25.13	418.80	47.69	4.08	163.35	24.21	2.55	488.94	4.41	93.21	1.92	-151.12	24.90
L 140 × 90 × 8	14.40	140	90	8	15 / 2 *	18.00	20.02	44.34	96.18	67.37	35.19	48.96	22.49	356.66	37.29	4.45	115.73	16.54	2.54	403.89	4.74	68.50	1.95	-116.66	22.04
L 140 × 90 × 10	17.79	140	90	10	15 / 2 *	22.24	20.90	45.35	95.57	67.97	36.39	48.53	23.14	437.54	46.23	4.44	141.60	20.49	2.52	495.49	4.72	83.64	1.94	-143.22	22.03

Other custom sizes are available upon request

* Profiles are also available laser welded with full penetration, equivalent to hot rolled (r = laser seam).

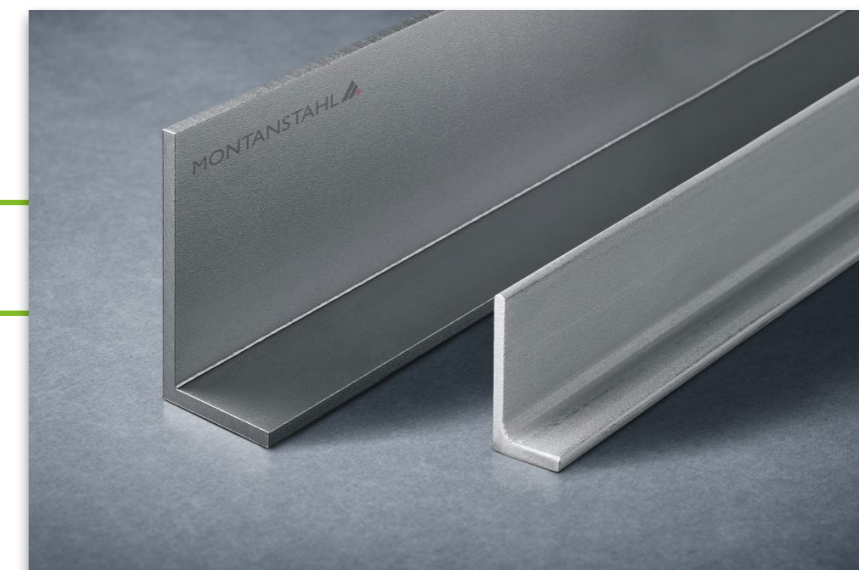
L UNEQUAL LEG ANGLES



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10056-1: 1998
Tolerances: EN 10056-2:1993
Grade according to EN 10088-3: 1D
Surface condition: blasted and pickled



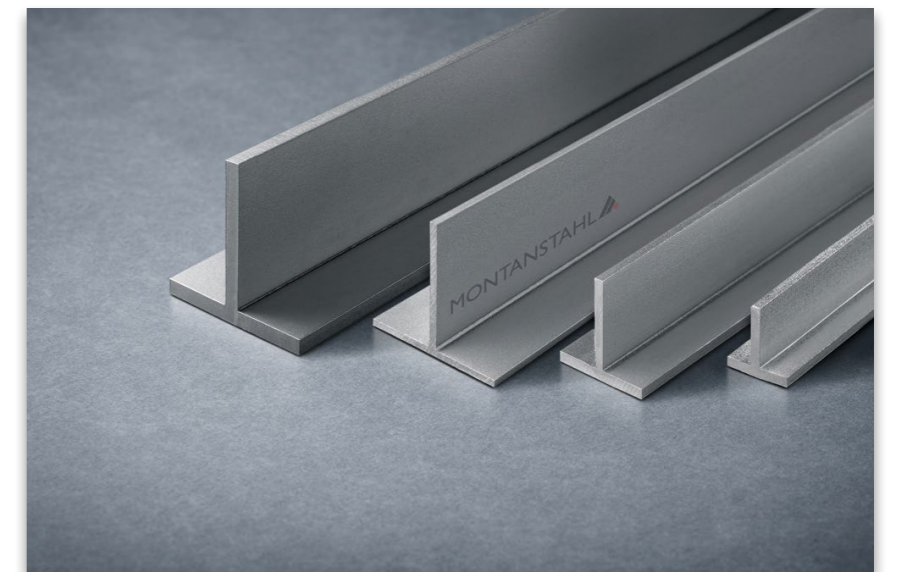
General properties														Structural properties											
Designation		Dimensions					Position of axes							Axis y-y			Axis z-z			Axis u-u		Axis v-v		α	
	G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	y_s mm	z_s mm	v_1 mm	v_2 mm	u_1 mm	u_2 mm	u_3 mm	I_y mm ⁴ x10 ⁴	W_{ely} mm ³ x10 ³	i_y mm x10	I_z mm ⁴ x10 ⁴	W_{elz} mm ³ x10 ³	i_z mm x10	I_u mm ⁴ x10 ⁴	i_u mm x10	I_v mm ⁴ x10 ⁴	i_v mm x10		I_{yz} mm ⁴ x10 ⁴
L 140 x 90 x 12	21.12	140	90	12	15 / 2 *	26.40	21.73	46.27	95.05	68.44	37.45	48.24	23.76	514.77	54.92	4.42	165.95	24.31	2.51	582.48	4.70	98.25	1.93	-167.93	21.96
L 150 x 75 x 8	14.11	150	75	8	16 / 2 *	17.63	15.08	51.41	99.24	64.72	27.41	45.48	15.97	405.62	41.14	4.80	68.20	11.38	1.97	429.53	4.94	44.29	1.58	-92.95	14.43
L 150 x 75 x 10	17.42	150	75	10	16 / 2 *	21.77	15.96	52.51	98.39	65.56	28.53	44.86	16.75	497.47	51.03	4.78	83.43	14.13	1.96	526.75	4.92	54.15	1.58	-113.92	14.41
L 150 x 90 x 10	18.62	150	90	10	16 / 2 *	23.27	20.16	49.45	101.48	70.02	35.58	50.33	21.95	529.28	52.64	4.77	143.35	20.53	2.48	585.36	5.01	87.27	1.94	-157.44	19.61
L 150 x 90 x 11	20.37	150	90	11	16 / 2 *	25.46	20.59	49.94	101.17	70.32	36.13	50.13	22.28	576.86	57.65	4.76	155.96	22.47	2.47	637.84	5.00	94.98	1.93	-171.42	19.58
L 150 x 90 x 12	22.11	150	90	12	16 / 2 *	27.63	21.00	50.41	100.88	70.58	36.66	49.96	22.62	623.42	62.60	4.75	168.20	24.38	2.47	689.05	4.99	102.56	1.93	-184.90	19.54
L 150 x 100 x 8	15.74	150	100	8	17 / 2 *	19.67	22.20	46.41	103.90	73.45	38.78	53.53	25.37	444.79	42.94	4.76	158.12	20.32	2.84	510.51	5.09	92.40	2.17	-152.19	23.36
L 150 x 100 x 10	19.45	150	100	10	17 / 2 *	24.31	23.12	47.48	103.27	74.11	40.08	52.99	25.99	547.00	53.36	4.74	194.25	25.27	2.83	628.27	5.08	112.97	2.16	-187.82	23.40
L 150 x 100 x 12	23.10	150	100	12	17 / 2 *	28.87	23.98	48.45	102.74	74.62	41.23	52.65	26.60	644.93	63.51	4.73	228.42	30.05	2.81	740.52	5.06	132.83	2.14	-221.26	23.37
L 160 x 100 x 8	15.10	160	100	8	17 / 2 *	18.87	15.84	54.53	106.10	68.78	28.92	48.71	16.82	494.59	46.89	5.12	83.18	12.97	2.10	523.70	5.27	54.07	1.69	-113.25	14.42
L 160 x 100 x 10	18.65	160	100	10	17 / 2 *	23.31	16.74	55.68	105.21	69.68	30.08	48.03	17.62	607.50	58.23	5.11	102.03	16.13	2.09	643.33	5.25	66.19	1.69	-139.28	14.43
L 160 x 100 x 12	22.14	160	100	12	17 / 2 *	27.67	17.59	56.69	104.44	70.41	31.11	47.53	18.38	715.68	69.28	5.09	119.71	19.18	2.08	757.53	5.23	77.86	1.68	-163.38	14.37
L 180 x 90 x 8	17.05	180	90	8	18 / 2 *	21.31	17.41	60.95	119.63	77.14	32.08	55.10	18.65	711.08	59.73	5.78	120.27	16.57	2.38	753.17	5.95	78.18	1.92	-163.22	14.46
L 180 x 90 x 10	21.08	180	90	10	18 / 2 *	26.35	18.33	62.15	118.69	78.11	33.31	54.36	19.47	875.31	74.27	5.76	147.97	20.65	2.37	927.42	5.93	95.86	1.91	-201.54	14.50
L 180 x 90 x 12	25.05	180	90	12	18 / 2 *	31.31	19.20	63.20	117.89	78.88	34.37	53.81	20.24	1033.42	88.48	5.75	174.10	24.59	2.36	1094.66	5.91	112.87	1.90	-237.43	14.46
L 200 x 100 x 8	19.03	200	100	8	20 / 2 *	23.79	18.91	67.11	133.42	85.18	35.02	61.64	20.34	980.96	73.82	6.42	165.71	20.44	2.64	1038.63	6.61	108.04	2.13	-224.37	14.41
L 200 x 100 x 10	23.54	200	100	10	20 / 2 *	29.43	19.87	68.41	132.37	86.29	36.36	60.78	21.18	1210.15	91.97	6.41	204.73	25.55	2.64	1282.11	6.60	132.77	2.12	-278.44	14.49
L 200 x 100 x 12	27.99	200	100	12	20 / 2 *	34.99	20.76	69.53	131.51	87.15	37.50	60.14	21.98	1431.61	109.73	6.40	241.73	30.51	2.63	1516.76	6.58	156.58	2.12	-329.50	14.49
L 200 x 100 x 15	34.54	200	100	15	20 / 2 *	43.18	22.03	71.03	130.39	88.20	39.01	59.41	23.11	1749.93	135.69	6.37	293.81	37.68	2.61	1852.80	6.55	190.94	2.10	-400.47	14.41
L 200 x 100 x 16	36.70	200	100	16	20 / 2 *	45.87	22.44	71.50	130.05	88.51	39.47	59.20	23.47	1852.47	144.16	6.35	310.33	40.01	2.60	1960.70	6.54	202.10	2.10	-422.63	14.36
L 200x150x12	32.79	200	150	12	20 / 2 *	40.99	35.76	60.23	139.75	107.72	60.30	73.43	42.75	1639.07	117.27	6.32	792.10	69.34	4.40	2002.54	6.99	428.64	3.23	-663.29	28.72
L 200x150x15	40.54	200	150	15	20 / 2 *	50.68	37.05	61.63	139.17	108.29	62.10	73.11	43.52	2009.27	145.21	6.30	968.62	85.76	4.37	2454.43	6.96	523.46	3.21	-813.28	28.69

Other custom sizes are available upon request



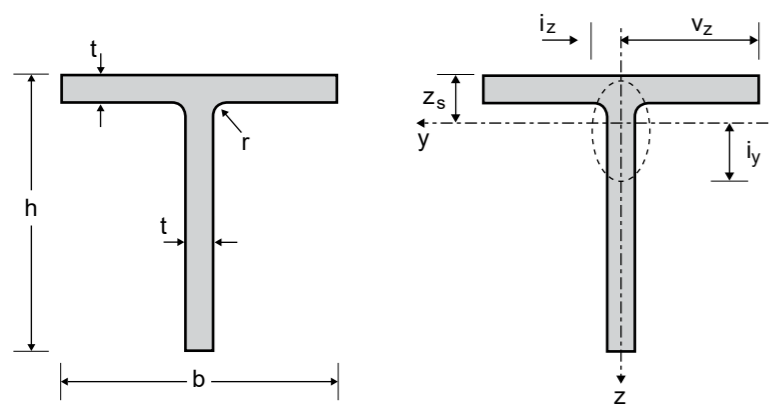
STAINLESS STEEL

EQUAL FLANGE TEES



LASER WELDED PROFILES

T EQUAL FLANGE TEES



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10055
 Tolerances: in accordance with EN 10055
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled

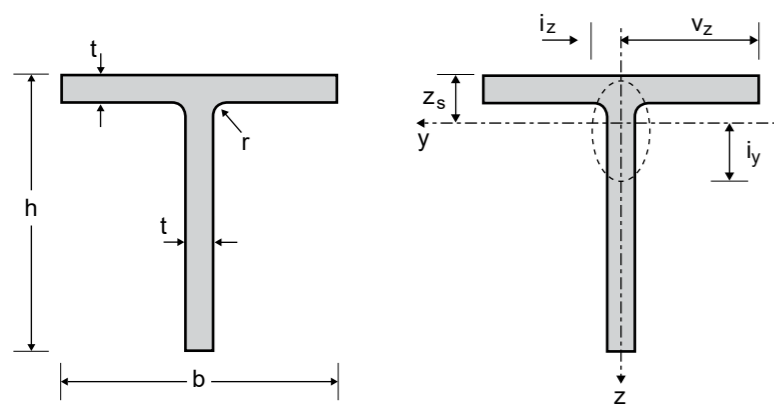


General properties						Structural properties						
Designation		Dimensions				Position of axes y-y	Axis y-y			Axis z-z		
	G kg/m	h = b mm	t mm	r* mm	A mm ² x10 ²	Z _s mm	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	i _y mm x10	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	i _z mm x10
T 20 x 20 x 3	0.90	20	3	2	1.13	6.05	0.40	0.29	0.60	0.20	0.20	0.43
T 20 x 20 x 4	1.17	20	4	2	1.46	6.42	0.50	0.37	0.59	0.28	0.28	0.43
T 25 x 25 x 3	1.14	25	3	2	1.43	7.30	0.82	0.47	0.76	0.40	0.32	0.53
T 25 x 25 x 3.5	1.32	25	3.5	2	1.64	7.49	0.93	0.53	0.75	0.46	0.37	0.53
T 25 x 25 x 4	1.49	25	4	2	1.86	7.68	1.04	0.60	0.75	0.53	0.43	0.54
T 30 x 30 x 3	1.38	30	3	2	1.73	8.55	1.46	0.68	0.92	0.68	0.45	0.63
T 30 x 30 x 4	1.81	30	4	2	2.26	8.93	1.86	0.88	0.91	0.91	0.61	0.64
T 30 x 30 x 5	2.21	30	5	2	2.77	9.29	2.22	1.07	0.90	1.15	0.77	0.65
T 35 x 35 x 3	1.62	35	3	2	2.03	9.80	2.37	0.94	1.08	1.08	0.62	0.73
T 35 x 35 x 4	2.13	35	4	2	2.66	10.18	3.03	1.22	1.07	1.45	0.83	0.74
T 35 x 35 x 5	2.61	35	5	2	3.27	10.55	3.64	1.49	1.06	1.82	1.04	0.75
T 40 x 40 x 3	1.86	40	3	2	2.33	11.05	3.59	1.24	1.24	1.61	0.80	0.83
T 40 x 40 x 4	2.45	40	4	2	3.06	11.43	4.62	1.62	1.23	2.15	1.08	0.84
T 40 x 40 x 5	3.01	40	5	2	3.77	11.80	5.57	1.97	1.22	2.70	1.35	0.85
T 40 x 40 x 6	3.57	40	6	2	4.46	12.17	6.45	2.32	1.20	3.26	1.63	0.86
T 45 x 45 x 3	2.10	45	3	2	2.63	12.30	5.18	1.58	1.40	2.29	1.02	0.93
T 45 x 45 x 4	2.77	45	4	2	3.46	12.69	6.68	2.07	1.39	3.06	1.36	0.94
T 45 x 45 x 5	3.41	45	5	2	4.27	13.06	8.08	2.53	1.38	3.84	1.71	0.95
T 45 x 45 x 6	4.05	45	6	2	5.06	13.42	9.40	2.98	1.36	4.63	2.06	0.96
T 50 x 50 x 3	2.34	50	3	2	2.93	13.55	7.17	1.97	1.56	3.14	1.25	1.04
T 50 x 50 x 4	3.09	50	4	2	3.86	13.94	9.28	2.57	1.55	4.19	1.68	1.04
T 50 x 50 x 5	3.81	50	5	2	4.77	14.31	11.26	3.16	1.54	5.26	2.10	1.05
T 50 x 50 x 6	4.53	50	6	2	5.66	14.68	13.14	3.72	1.52	6.33	2.53	1.06
T 50 x 50 x 7	5.22	50	7	2	6.53	15.04	14.91	4.26	1.51	7.42	2.97	1.07

Other custom sizes are available upon request

* Profiles are laser welded with full penetration, equivalent to hot rolled (r = laser seam).

T EQUAL FLANGE TEES



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10055
 Tolerances: in accordance with EN 10055
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled

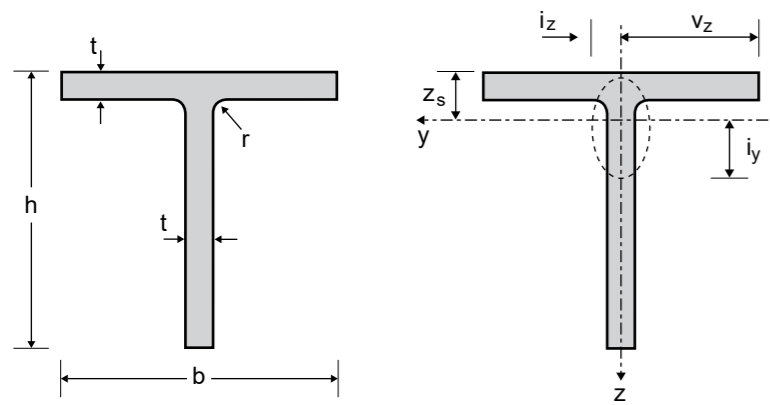


General properties						Structural properties						
Designation		Dimensions				Position of axes y-y	Axis y-y			Axis z-z		
	G kg/m	h = b mm	t mm	r* mm	A mm ² x10 ²	Z _s mm	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	i _y mm x10	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	i _z mm x10
T 50 x 50 x 8	5.90	50	8	2	7.38	15.40	16.57	4.79	1.50	8.51	3.41	1.07
T 60 x 60 x 5	4.61	60	5	2	5.77	16.81	19.93	4.61	1.86	9.06	3.02	1.25
T 60 x 60 x 6	5.49	60	6	2	6.86	17.18	23.35	5.45	1.85	10.90	3.63	1.26
T 60 x 60 x 7	6.34	60	7	2	7.93	17.55	26.60	6.27	1.83	12.75	4.25	1.27
T 60 x 60 x 8	7.18	60	8	2	8.98	17.91	29.70	7.06	1.82	14.62	4.87	1.28
T 60 x 60 x 10	8.81	60	10	2	11.02	18.62	35.47	8.57	1.79	18.42	6.14	1.29
T 65 x 65 x 5	5.01	65	5	2	6.27	18.07	25.57	5.45	2.02	11.51	3.54	1.35
T 65 x 65 x 6	5.97	65	6	2	7.46	18.44	30.01	6.45	2.01	13.84	4.26	1.36
T 65 x 65 x 7	6.90	65	7	2	8.63	18.80	34.25	7.41	1.99	16.19	4.98	1.37
T 65 x 65 x 8	7.82	65	8	2	9.78	19.17	38.30	8.36	1.98	18.55	5.71	1.38
T 65 x 65 x 9	8.73	65	9	2	10.91	19.53	42.18	9.28	1.97	20.94	6.44	1.39
T 65 x 65 x 10	9.61	65	10	2	12.02	19.88	45.89	10.17	1.95	23.34	7.18	1.39
T 70 x 70 x 5	5.41	70	5	2	6.77	19.32	32.19	6.35	2.18	14.36	4.10	1.46
T 70 x 70 x 6	6.45	70	6	2	8.06	19.69	37.84	7.52	2.17	17.27	4.93	1.46
T 70 x 70 x 7	7.46	70	7	2	9.33	20.06	43.25	8.66	2.15	20.19	5.77	1.47
T 70 x 70 x 8	8.46	70	8	2	10.58	20.42	48.43	9.77	2.14	23.13	6.61	1.48
T 70 x 70 x 9	9.45	70	9	2	11.81	20.78	53.41	10.85	2.13	26.10	7.46	1.49
T 70 x 70 x 10	10.41	70	10	2	13.02	21.14	58.18	11.91	2.11	29.08	8.31	1.49
T 75 x 75 x 5	5.81	75	5	2	7.27	20.57	39.87	7.32	2.34	17.65	4.71	1.56
T 75 x 75 x 6	6.93	75	6	2	8.66	20.94	46.92	8.68	2.33	21.22	5.66	1.57
T 75 x 75 x 7	8.02	75	7	2	10.03	21.31	53.70	10.00	2.31	24.80	6.61	1.57
T 75 x 75 x 8	9.10	75	8	2	11.38	21.67	60.21	11.29	2.30	28.41	7.58	1.58
T 75 x 75 x 9	10.17	75	9	2	12.71	22.04	66.48	12.55	2.29	32.04	8.54	1.59
T 75 x 75 x 10	11.21	75	10	2	14.02	22.40	72.50	13.78	2.27	35.70	9.52	1.60
T 80 x 80 x 5	6.21	80	5	2	7.77	21.82	48.68	8.37	2.50	21.41	5.35	1.66

Other custom sizes are available upon request

* Profiles are laser welded with full penetration, equivalent to hot rolled (r = laser seam).

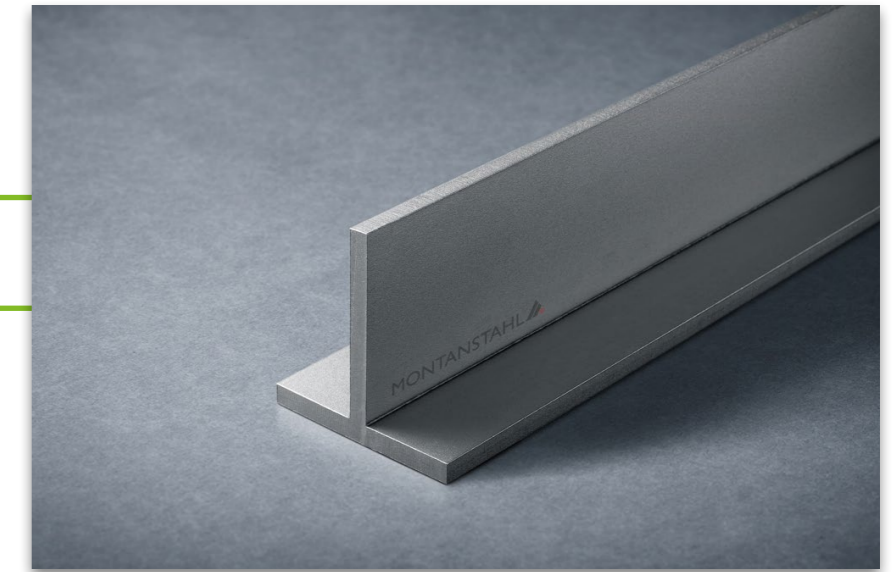
T EQUAL FLANGE TEES



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10055
 Tolerances: in accordance with EN 10055
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled

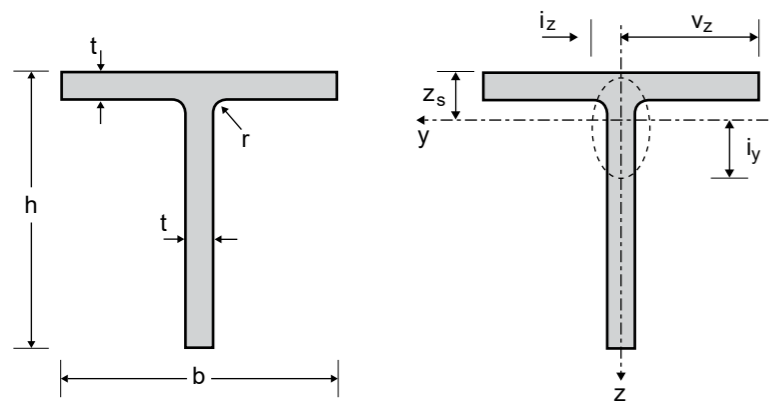


General properties						Structural properties						
Designation		Dimensions				Position of axes y-y	Axis y-y			Axis z-z		
G kg/m	h = b mm	t mm	r* mm	A mm ² x10 ²	Z _s mm	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	i _y mm x10	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	i _z mm x10	
T 80 x 80 x 6	7.41	80	6	2	9.26	22.19	57.35	9.92	2.49	25.73	6.43	1.67
T 80 x 80 x 7	8.58	80	7	2	10.73	22.56	65.71	11.44	2.48	30.08	7.52	1.67
T 80 x 80 x 8	9.74	80	8	2	12.18	22.93	73.77	12.92	2.46	34.44	8.61	1.68
T 80 x 80 x 9	10.89	80	9	2	13.61	23.29	81.53	14.38	2.45	38.83	9.71	1.69
T 80 x 80 x 10	12.01	80	10	2	15.02	23.65	89.01	15.80	2.43	43.25	10.81	1.70
T 90 x 90 x 6	8.37	90	6	2	10.46	24.69	82.64	12.65	2.81	36.60	8.13	1.87
T 90 x 90 x 7	9.70	90	7	2	12.13	25.06	94.87	14.61	2.80	42.76	9.50	1.88
T 90 x 90 x 8	11.02	90	8	2	13.78	25.43	106.70	16.53	2.78	48.95	10.88	1.88
T 90 x 90 x 9	12.33	90	9	2	15.41	25.80	118.15	18.40	2.77	55.17	12.26	1.89
T 90 x 90 x 10	13.61	90	10	2	17.02	26.16	129.22	20.24	2.76	61.42	13.65	1.90
T 100 x 100 x 6	9.33	100	6	2	11.66	27.20	114.46	15.72	3.13	50.17	10.03	2.07
T 100 x 100 x 7	10.82	100	7	2	13.53	27.57	131.60	18.17	3.12	58.60	11.72	2.08
T 100 x 100 x 8	12.30	100	8	2	15.38	27.94	148.24	20.57	3.10	67.06	13.41	2.09
T 100 x 100 x 9	13.77	100	9	2	17.21	28.30	164.39	22.93	3.09	75.55	15.11	2.10
T 100 x 100 x 10	15.21	100	10	2	19.02	28.67	180.06	25.24	3.08	84.08	16.82	2.10
T 100 x 100 x 12	18.06	100	12	2	22.58	29.39	210.06	29.75	3.05	101.27	20.25	2.12
T 110 x 110 x 6	10.29	110	6	2	12.86	29.70	153.56	19.12	3.46	66.74	12.13	2.28
T 110 x 110 x 7	11.94	110	7	2	14.93	30.07	176.78	22.12	3.44	77.94	14.17	2.28
T 110 x 110 x 8	13.58	110	8	2	16.98	30.44	199.38	25.06	3.43	89.17	16.21	2.29
T 110 x 110 x 9	15.21	110	9	2	19.01	30.81	221.37	27.95	3.41	100.44	18.26	2.30
T 110 x 110 x 10	16.81	110	10	2	21.02	31.17	242.78	30.80	3.40	111.75	20.32	2.31
T 110 x 110 x 11	18.41	110	11	2	23.01	31.54	263.61	33.60	3.38	123.11	22.38	2.31
T 110 x 110 x 12	19.98	110	12	2	24.98	31.90	283.90	36.35	3.37	134.51	24.46	2.32
T 120 x 120 x 7	13.06	120	7	2	16.33	32.57	231.28	26.45	3.76	101.12	16.85	2.49
T 120 x 120 x 8	14.86	120	8	2	18.58	32.94	261.12	29.99	3.75	115.68	19.28	2.50
T 120 x 120 x 9	16.65	120	9	2	20.81	33.31	290.23	33.48	3.73	130.28	21.71	2.50

Other custom sizes are available upon request

* Profiles are laser welded with full penetration, equivalent to hot rolled (r = laser seam).

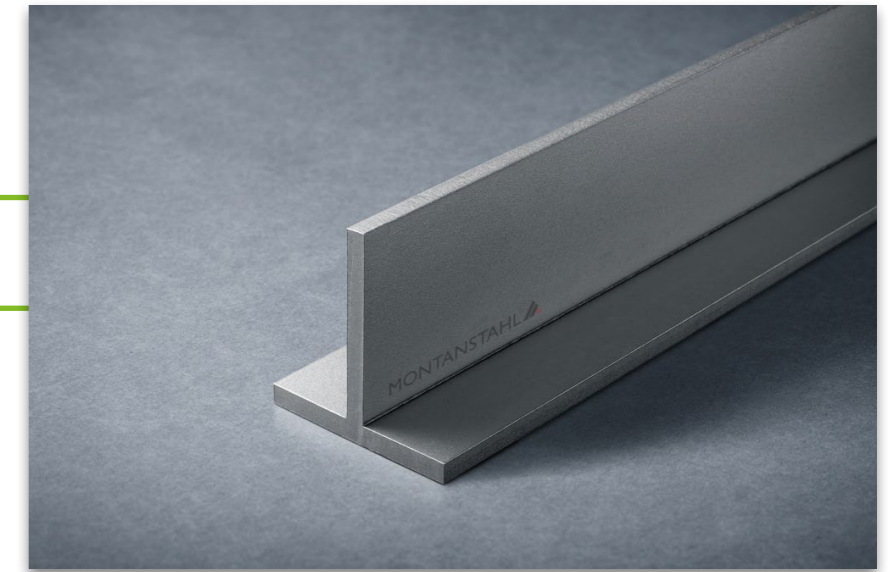
T EQUAL FLANGE TEES



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10055
 Tolerances: in accordance with EN 10055
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled

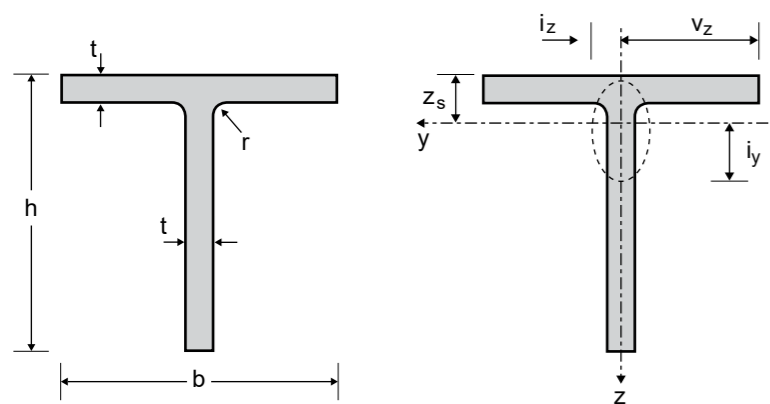


General properties						Structural properties						
Designation		Dimensions				Position of axes y-y	Axis y-y			Axis z-z		
	G kg/m	h = b mm	t mm	r* mm	A mm ² x10 ²	Z _s mm	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	i _y mm x10	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	i _z mm x10
T 120 x 120 x 10	18.41	120	10	2	23.02	33.68	318.62	36.91	3.72	144.92	24.15	2.51
T 120 x 120 x 11	20.17	120	11	2	25.21	34.04	346.32	40.29	3.71	159.61	26.60	2.52
T 120 x 120 x 12	21.90	120	12	2	27.38	34.41	373.34	43.62	3.69	174.36	29.06	2.52
T 120 x 120 x 13	23.62	120	13	2	29.53	34.77	399.71	46.90	3.68	189.16	31.53	2.53
T 120 x 120 x 15	27.01	120	15	2	33.77	35.49	450.55	53.31	3.65	218.95	36.49	2.55
T 130 x 130 x 8	16.14	130	8	2	20.18	35.45	334.46	35.37	4.07	146.99	22.61	2.70
T 130 x 130 x 9	18.09	130	9	2	22.61	35.81	372.08	39.50	4.06	165.51	25.46	2.71
T 130 x 130 x 10	20.01	130	10	2	25.02	36.18	408.84	43.58	4.04	184.08	28.32	2.71
T 130 x 130 x 11	21.93	130	11	2	27.41	36.55	444.77	47.59	4.03	202.71	31.19	2.72
T 130 x 130 x 12	23.82	130	12	2	29.78	36.91	479.88	51.55	4.01	221.40	34.06	2.73
T 130 x 130 x 13	25.70	130	13	2	32.13	37.28	514.21	55.46	4.00	240.15	36.95	2.73
T 130 x 130 x 15	29.41	130	15	2	36.77	38.00	580.57	63.11	3.97	277.86	42.75	2.75
T 140 x 140 x 8	17.42	140	8	2	21.78	37.95	420.41	41.20	4.39	183.50	26.21	2.90
T 140 x 140 x 9	19.53	140	9	2	24.41	38.32	468.05	46.03	4.38	206.60	29.51	2.91
T 140 x 140 x 10	21.61	140	10	2	27.02	38.69	514.68	50.80	4.36	229.75	32.82	2.92
T 140 x 140 x 11	23.69	140	11	2	29.61	39.05	560.33	55.51	4.35	252.97	36.14	2.92
T 140 x 140 x 12	25.74	140	12	2	32.18	39.42	605.03	60.15	4.34	276.24	39.46	2.93
T 140 x 140 x 13	27.78	140	13	2	34.73	39.78	648.78	64.74	4.32	299.59	42.80	2.94
T 140 x 140 x 15	31.81	140	15	2	39.77	40.51	733.56	73.73	4.29	346.52	49.50	2.95
T 150 x 150 x 8	18.70	150	8	2	23.38	40.45	519.96	47.46	4.72	225.61	30.08	3.11
T 150 x 150 x 9	20.97	150	9	2	26.21	40.82	579.27	53.06	4.70	253.98	33.86	3.11
T 150 x 150 x 10	23.21	150	10	2	29.02	41.19	637.41	58.58	4.69	282.42	37.66	3.12
T 150 x 150 x 12	27.66	150	12	2	34.58	41.92	750.27	69.42	4.66	339.49	45.27	3.13
T 150 x 150 x 13	29.86	150	13	2	37.33	42.29	805.05	74.74	4.64	368.13	49.08	3.14
T 150 x 150 x 15	34.21	150	15	2	42.77	43.02	911.40	85.19	4.62	425.67	56.76	3.15
T 150 x 150 x 20	44.81	150	20	2	56.02	44.81	1159.75	110.26	4.55	571.17	76.16	3.19

Other custom sizes are available upon request

* Profiles are laser welded with full penetration, equivalent to hot rolled (r = laser seam).

T EQUAL FLANGE TEES



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10055
 Tolerances: in accordance with EN 10055
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled



General properties						Structural properties						
Designation		Dimensions				Position of axes y-y	Axis y-y			Axis z-z		
	G kg/m	h = b mm	t mm	r* mm	A mm ² x10 ²	Z _s mm	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	i _y mm x10	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	i _z mm x10
T 160 × 160 × 10	24.81	160	10	2	31.02	43.69	778.26	66.91	5.01	342.58	42.82	3.32
T 160 × 160 × 12	29.58	160	12	2	36.98	44.43	917.12	79.35	4.98	411.73	51.47	3.34
T 160 × 160 × 13	31.94	160	13	2	39.93	44.79	984.64	85.47	4.97	446.43	55.80	3.34
T 160 × 160 × 15	36.61	160	15	2	45.77	45.52	1115.96	97.48	4.94	516.08	64.51	3.36
T 160 × 160 × 20	48.01	160	20	2	60.02	47.33	1423.86	126.37	4.87	692.00	86.50	3.40
T 180 × 180 × 10	28.01	180	10	2	35.02	48.70	1119.34	85.25	5.65	487.42	54.16	3.73
T 180 × 180 × 12	33.42	180	12	2	41.78	49.43	1321.62	101.22	5.62	585.62	65.07	3.74
T 180 × 180 × 13	36.10	180	13	2	45.13	49.80	1420.28	109.08	5.61	634.86	70.54	3.75
T 180 × 180 × 15	41.41	180	15	2	51.77	50.53	1612.75	124.57	5.58	733.64	81.52	3.76
T 180 × 180 × 20	54.41	180	20	2	68.02	52.34	2067.08	161.93	5.51	982.67	109.19	3.80
T 200 × 200 × 10	31.21	200	10	2	39.02	53.70	1547.93	105.80	6.30	668.25	66.83	4.14
T 200 × 200 × 12	37.26	200	12	2	46.58	54.44	1830.54	125.76	6.27	802.71	80.27	4.15
T 200 × 200 × 13	40.26	200	13	2	50.33	54.81	1968.70	135.59	6.25	870.09	87.01	4.16
T 200 × 200 × 15	46.21	200	15	2	57.77	55.54	2238.91	154.98	6.23	1005.20	100.52	4.17
T 200 × 200 × 20	60.81	200	20	2	76.02	57.36	2880.30	201.93	6.16	1345.34	134.53	4.21
T 250 × 250 × 10	39.21	250	10	2	49.02	66.20	3067.88	166.92	7.91	1304.08	104.33	5.16
T 250 × 250 × 12	46.86	250	12	2	58.58	66.95	3638.35	198.76	7.88	1565.93	125.27	5.17
T 250 × 250 × 13	50.66	250	13	2	63.33	67.32	3918.50	214.50	7.87	1697.05	135.76	5.18
T 250 × 250 × 15	58.21	250	15	2	72.77	68.05	4468.82	245.61	7.84	1959.74	156.78	5.19
T 250 × 250 × 20	76.81	250	20	2	96.02	69.89	5788.41	321.38	7.76	2619.50	209.56	5.22
T 300 × 300 × 10	47.21	300	10	2	59.02	78.71	5353.51	241.92	9.52	2252.42	150.16	6.18
T 300 × 300 × 12	56.46	300	12	2	70.58	79.45	6361.23	288.43	9.49	2704.15	180.28	6.19
T 300 × 300 × 13	61.06	300	13	2	76.33	79.82	6857.57	311.46	9.48	2930.26	195.35	6.20
T 300 × 300 × 15	70.21	300	15	2	87.77	80.56	7835.50	357.07	9.45	3383.02	225.53	6.21
T 300 × 300 × 20	92.81	300	20	2	116.02	82.40	10196.57	468.60	9.37	4518.67	301.24	6.24

Other custom sizes are available upon request

* Profiles are laser welded with full penetration, equivalent to hot rolled (r = laser seam).



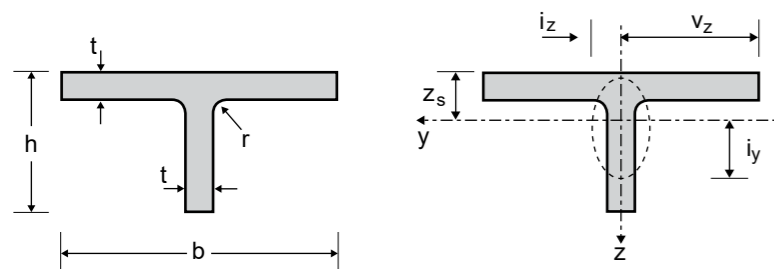
STAINLESS STEEL

WIDE FLANGE TEES



LASER WELDED PROFILES

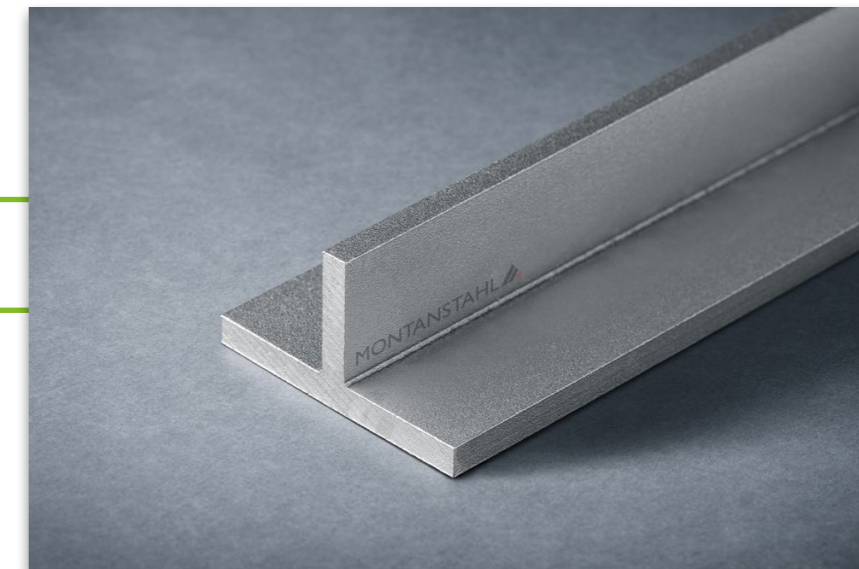
T WIDE FLANGE TEES



STAINLESS STEEL

Product Description

Dimensions: in accordance with EN 10055
 Tolerances: in accordance with EN 10055
 Grade according to EN 10088-3: 1D
 Surface condition: blasted and pickled



General properties							Structural properties						
Designation		Dimensions					Position of axes y-y	Axis y-y			Axis z-z		
	G kg/m	h mm	b mm	t mm	r* mm	A mm ² x10 ²	Z _s mm	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	i _y mm x10	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	i _z mm x10
TB 20	1.81	20	40	4	2	2.26	4.85	0.62	0.41	0.52	2.14	1.07	0.97
TB 25	2.81	25	50	5	2	3.52	6.07	1.50	0.79	0.65	5.23	2.09	1.22
TB 30	3.73	30	60	5.5	2	4.66	7.09	2.91	1.27	0.79	9.93	3.31	1.46
TB 35	4.77	35	70	6	2	5.96	8.12	5.11	1.9	0.93	17.20	4.92	1.70
TB 40	5.22	40	80	7	2	7.93	9.34	8.87	2.89	1.06	29.96	7.49	1.94
TB 50	9.64	50	100	8.5	2	12.04	11.58	21.16	5.51	1.33	71.05	14.21	2.43
TB 60	13.61	60	120	10	2	17.02	13.82	43.18	9.35	1.59	144.42	24.07	2.91

Other custom sizes are available upon request

* Profiles are laser welded with full penetration, equivalent to hot rolled (r = laser seam).



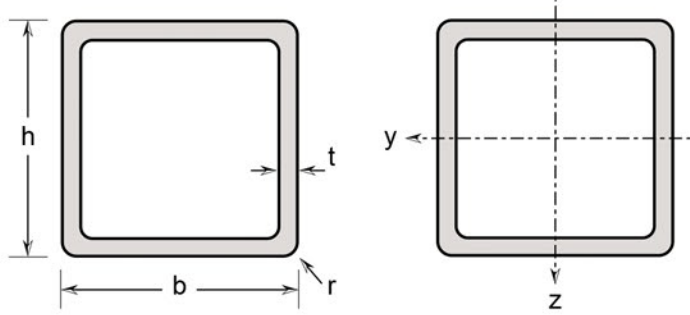
STAINLESS STEEL

SHS

Square Hollow Sections



SHS SQUARE HOLLOW SECTIONS



STAINLESS STEEL

Square Hollow Sections Stainless steel

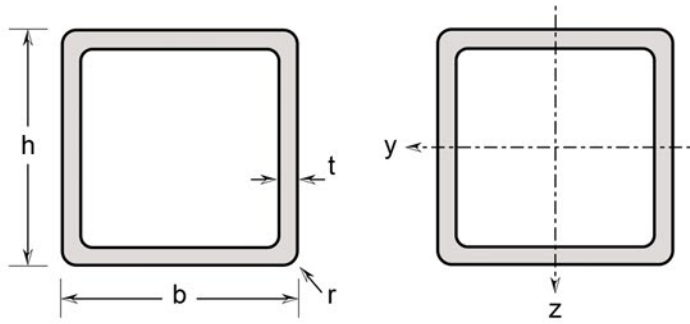
Cold formed and welded acc. to EN 10219-2; grade accord. to EN 10088. Surface condition: external weld bead removed, brushed / blasted and pickled



General Properties							Structural Properties					
Designation		Dimensions					Axis y-y / Axis z-z					
	G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	I _y =I _z mm ⁴ x10 ⁴	W _{ely} =W _{elz} mm ³ x10 ³	W _{ply} =W _{p lz} mm ³ x10 ³	i _y =i _z mm x10	I _v mm ⁴ x10 ⁴	W _v mm ³ x10 ³
50x50x3	4.33	50	50	3	6	5.41	20.85	8.34	9.95	1.92	31.15	12.46
50x50x4	5.56	50	50	4	8	6.95	26.15	10.46	12.73	1.89	38.93	15.57
50x50x5	6.69	50	50	5	10	8.36	30.75	12.30	15.25	1.85	45.56	18.23
60x60x3	5.29	60	60	3	6	6.61	37.14	12.38	14.63	2.33	55.56	18.52
60x60x4	6.84	60	60	4	8	8.55	47.07	15.69	18.85	2.29	70.25	23.42
60x60x5	8.29	60	60	5	10	10.36	55.92	18.64	22.75	2.25	83.19	27.73
60x60x6	9.62	60	60	6	12	12.03	63.76	21.25	26.35	2.22	94.48	31.49
70x70x3	6.25	70	70	3	6	7.81	60.27	17.22	20.21	2.74	90.23	25.78
70x70x4	8.12	70	70	4	8	10.15	76.95	21.98	26.17	2.70	115.00	32.86
70x70x5	9.89	70	70	5	10	12.36	92.08	26.31	31.75	2.66	137.31	39.23
70x70x6	11.54	70	70	6	12	14.43	105.78	30.22	36.97	2.62	157.29	44.94
75x75x3	6.73	75	75	3	6	8.41	74.78	19.94	23.34	2.94	111.97	29.86
75x75x4	8.76	75	75	4	8	10.95	95.75	25.53	30.28	2.90	143.16	38.18
75x75x5	10.69	75	75	5	10	13.36	114.92	30.64	36.81	2.87	171.50	45.73
75x75x6	12.50	75	75	6	12	15.63	132.40	35.31	42.96	2.83	197.11	52.56

Other custom sizes are available upon request

SHS SQUARE HOLLOW SECTIONS



STAINLESS STEEL

Square Hollow Sections Stainless steel

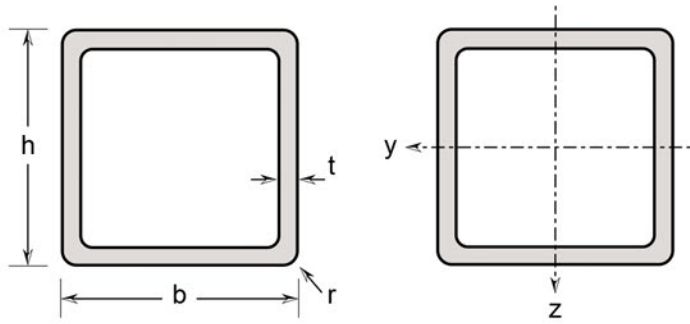
Cold formed and welded acc. to EN 10219-2; grade accord. to EN 10088. Surface condition: external weld bead removed, brushed / blasted and pickled



General Properties							Structural Properties					
Designation		Dimensions					Axis y-y / Axis z-z					
	G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	I _y =I _z mm ⁴ x10 ⁴	W _{ely} =W _{elz} mm ³ x10 ³	W _{ply} =W _{plz} mm ³ x10 ³	i _y =i _z mm x10	I _v mm ⁴ x10 ⁴	W _v mm ³ x10 ³
80x80x3	7.21	80	80	3	6	9.01	91.45	22.86	26.69	3.15	136.96	34.24
80x80x4	9.40	80	80	4	8	11.75	117.38	29.35	34.69	3.11	175.59	43.90
80x80x5	11.49	80	80	5	10	14.36	141.25	35.31	42.25	3.07	210.94	52.73
80x80x6	13.46	80	80	6	12	16.83	163.16	40.79	49.39	3.03	243.13	60.78
80x80x8	16.67	80	80	8	20	20.84	201.52	50.38	62.46	2.96	298.60	74.65
90x90x3	8.17	90	90	3	6	10.21	131.86	29.30	34.07	3.55	197.55	43.90
90x90x4	10.68	90	90	4	8	13.35	169.98	37.77	44.41	3.51	254.42	56.54
90x90x5	13.09	90	90	5	10	16.36	205.42	45.65	54.25	3.48	307.06	68.24
90x90x6	15.38	90	90	6	12	19.23	238.29	52.95	63.61	3.44	355.62	79.03
90x90x8	19.23	90	90	8	20	24.04	296.86	65.97	80.94	3.36	441.09	98.02
100x100x3	9.13	100	100	3	6	11.41	182.71	36.54	42.35	3.96	273.80	54.76
100x100x4	11.96	100	100	4	8	14.95	236.34	47.27	55.33	3.92	353.89	70.78
100x100x5	14.69	100	100	5	10	18.36	286.58	57.32	67.75	3.88	428.69	85.74
100x100x6	17.30	100	100	6	12	21.63	333.59	66.72	79.63	3.85	498.35	99.67
100x100x8	21.79	100	100	8	20	27.24	418.44	83.69	101.82	3.77	622.95	124.59
100x100x10	26.06	100	100	10	25	32.57	492.00	98.40	122.00	3.70	729.00	145.80

Other custom sizes are available upon request

SHS SQUARE HOLLOW SECTIONS



STAINLESS STEEL

Square Hollow Sections Stainless steel

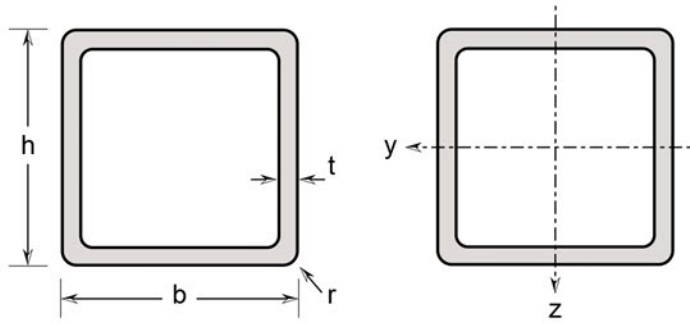
Cold formed and welded acc. to EN 10219-2; grade accord. to EN 10088. Surface condition: external weld bead removed, brushed / blasted and pickled



General Properties							Structural Properties					
Designation		Dimensions					Axis y-y / Axis z-z					
	G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	I _y =I _z mm ⁴ x10 ⁴	W _{ely} =W _{elz} mm ³ x10 ³	W _{ply} =W _{plz} mm ³ x10 ³	i _y =i _z mm x10	I _v mm ⁴ x10 ⁴	W _v mm ³ x10 ³
100x100x12	28.85	100	100	12	36	36.06	555.32	111.06	140.26	3.63	817.77	163.55
120x120x3	11.05	120	120	3	6	13.81	320.53	53.42	61.61	4.78	480.48	80.08
120x120x4	14.52	120	120	4	8	18.15	416.73	69.46	80.77	4.74	624.36	104.06
120x120x5	17.89	120	120	5	10	22.36	507.92	84.65	99.25	4.70	760.44	126.74
120x120x6	21.14	120	120	6	12	26.43	594.26	99.04	117.07	4.66	888.93	148.15
120x120x8	26.91	120	120	8	20	33.64	753.12	125.52	150.78	4.58	1123.94	187.32
120x120x10	32.46	120	120	10	25	40.57	894.67	149.11	182.00	4.51	1331.00	221.83
120x120x12	36.53	120	120	12	36	45.66	1020.21	170.04	210.82	4.44	1511.65	251.94
140x140x3	12.97	140	140	3	6	16.21	514.52	73.50	84.47	5.59	771.41	110.20
140x140x4	17.08	140	140	4	8	21.35	671.37	95.91	111.01	5.55	1006.18	143.74
140x140x5	21.09	140	140	5	10	26.36	821.25	117.32	136.75	5.52	1230.19	175.74
140x140x6	24.98	140	140	6	12	31.23	964.37	137.77	161.71	5.48	1443.66	206.24
140x140x8	32.03	140	140	8	20	40.04	1231.16	175.88	209.34	5.40	1839.97	262.85
140x140x10	38.86	140	140	10	25	48.57	1473.33	210.48	254.00	5.32	2197.00	313.86
140x140x12	44.21	140	140	12	36	55.26	1692.47	241.78	295.78	5.25	2516.58	359.51

Other custom sizes are available upon request

SHS SQUARE HOLLOW SECTIONS



STAINLESS STEEL

Square Hollow Sections Stainless steel

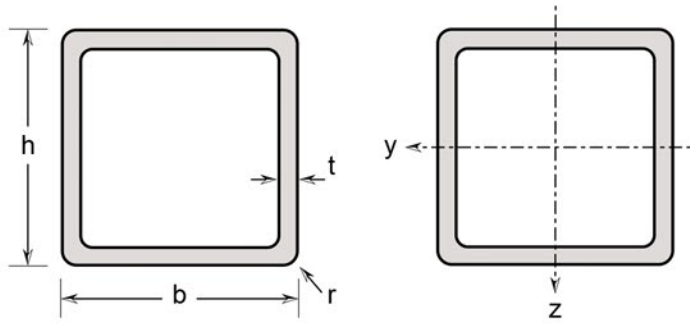
Cold formed and welded acc. to EN 10219-2; grade accord. to EN 10088. Surface condition: external weld bead removed, brushed / blasted and pickled



General Properties							Structural Properties					
Designation		Dimensions					Axis y-y / Axis z-z					
	G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	I _y =I _z mm ⁴ x10 ⁴	W _{ely} =W _{elz} mm ³ x10 ³	W _{ply} =W _{plz} mm ³ x10 ³	i _y =i _z mm x10	I _v mm ⁴ x10 ⁴	W _v mm ³ x10 ³
150x150x3	13.93	150	150	3	6	17.41	635.57	84.74	97.25	6.00	952.96	127.06
150x150x4	18.36	150	150	4	8	22.95	830.53	110.74	127.93	5.96	1244.85	165.98
150x150x5	22.69	150	150	5	10	28.36	1017.42	135.66	157.75	5.92	1524.31	203.24
150x150x6	26.90	150	150	6	12	33.63	1196.47	159.53	186.73	5.88	1791.59	238.88
150x150x8	34.59	150	150	8	20	43.24	1531.93	204.26	242.22	5.81	2290.63	305.42
150x150x10	42.06	150	150	10	25	52.57	1838.67	245.16	294.50	5.73	2744.00	365.87
150x150x12	48.05	150	150	12	36	60.06	2118.36	282.45	343.66	5.66	3153.69	420.49
160x160x3	14.89	160	160	3	6	18.61	774.26	96.78	110.93	6.41	1160.97	145.12
160x160x4	19.64	160	160	4	8	24.55	1013.04	126.63	146.05	6.37	1518.57	189.82
160x160x5	24.29	160	160	5	10	30.36	1242.58	155.32	180.25	6.33	1861.94	232.74
160x160x6	28.82	160	160	6	12	36.03	1463.12	182.89	213.55	6.29	2191.36	273.92
160x160x8	37.15	160	160	8	20	46.44	1878.15	234.77	277.50	6.21	2809.45	351.18
160x160x10	45.26	160	160	10	25	56.57	2260.00	282.50	338.00	6.14	3375.00	421.88
160x160x12	51.89	160	160	12	36	64.86	2610.48	326.31	395.14	6.06	3890.15	486.27
180x180x3	16.81	180	180	3	6	21.01	1109.37	123.26	140.99	7.23	1663.57	184.84
180x180x4	22.20	180	180	4	8	27.75	1454.56	161.62	185.89	7.19	2180.71	242.30

Other custom sizes are available upon request

SHS SQUARE HOLLOW SECTIONS



STAINLESS STEEL

Square Hollow Sections Stainless steel

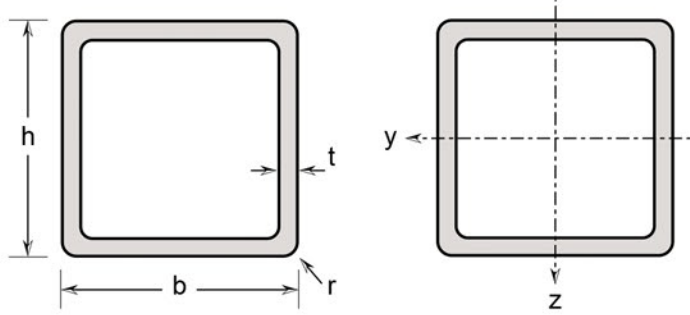
Cold formed and welded acc. to EN 10219-2; grade accord. to EN 10088. Surface condition: external weld bead removed, brushed / blasted and pickled



General Properties							Structural Properties					
Designation		Dimensions					Axis y-y / Axis z-z					
	G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	I _y =I _z mm ⁴ x10 ⁴	W _{ely} =W _{elz} mm ³ x10 ³	W _{ply} =W _{plz} mm ³ x10 ³	i _y =i _z mm x10	I _v mm ⁴ x10 ⁴	W _v mm ³ x10 ³
180x180x5	27.49	180	180	5	10	34.36	1787.92	198.66	229.75	7.15	2679.69	297.74
180x180x6	32.66	180	180	6	12	40.83	2109.72	234.41	272.59	7.11	3160.81	351.20
180x180x8	42.27	180	180	8	20	52.84	2719.71	302.19	355.26	7.03	4070.76	452.31
180x180x10	51.66	180	180	10	25	64.57	3286.67	365.19	434.00	6.95	4913.00	545.89
180x180x12	59.57	180	180	12	36	74.46	3812.66	423.63	508.90	6.88	5689.96	632.22
200x200x3	18.73	200	200	3	6	23.41	1529.43	152.94	174.65	8.04	2293.61	229.36
200x200x4	24.76	200	200	4	8	30.95	2008.71	200.87	230.53	8.00	3011.81	301.18
200x200x5	30.69	200	200	5	10	38.36	2473.25	247.33	285.25	7.96	3707.44	370.74
200x200x6	36.50	200	200	6	12	45.63	2923.35	292.33	338.83	7.92	4380.83	438.08
200x200x8	47.39	200	200	8	20	59.24	3781.43	378.14	442.62	7.85	5662.31	566.23
200x200x10	58.06	200	200	10	25	72.57	4585.33	458.53	542.00	7.77	6859.00	685.90
200x200x12	67.25	200	200	12	36	84.06	5337.40	533.74	637.06	7.69	7973.61	797.36
220x220x4	27.32	220	220	4	8	34.15	2688.31	244.39	279.97	8.82	4031.08	366.46
220x220x5	33.89	220	220	5	10	42.36	3314.58	301.33	346.75	8.78	4969.19	451.74
220x220x6	40.34	220	220	6	12	50.43	3923.22	356.66	412.27	8.74	5880.21	534.56
220x220x8	52.51	220	220	8	20	65.64	5088.90	462.63	539.58	8.66	7622.50	692.95

Other custom sizes are available upon request

SHS SQUARE HOLLOW SECTIONS



STAINLESS STEEL

Square Hollow Sections Stainless steel

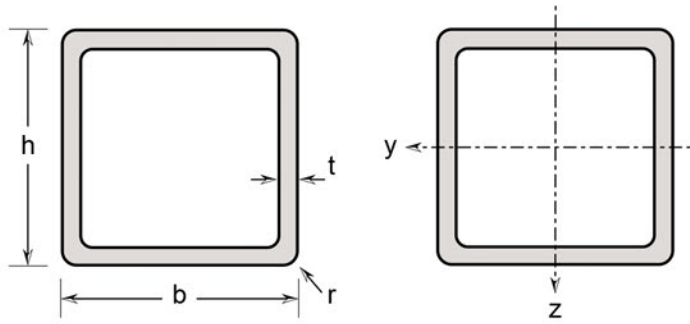
Cold formed and welded acc. to EN 10219-2; grade accord. to EN 10088. Surface condition: external weld bead removed, brushed / blasted and pickled



General Properties							Structural Properties					
Designation		Dimensions					Axis y-y / Axis z-z					
	G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	I _y =I _z mm ⁴ x10 ⁴	W _{ely} =W _{elz} mm ³ x10 ³	W _{ply} =W _{p lz} mm ³ x10 ³	i _y =i _z mm x10	I _v mm ⁴ x10 ⁴	W _v mm ³ x10 ³
220x220x10	64.46	220	220	10	25	80.57	6188.00	562.55	662.00	8.58	9261.00	841.91
220x220x12	74.93	220	220	12	36	93.66	7223.09	656.64	779.62	8.51	10798.69	981.70
250x250x5	38.69	250	250	5	10	48.36	4904.08	392.33	450.25	10.00	7353.06	588.25
250x250x6	46.10	250	250	6	12	57.63	5814.23	465.14	535.93	9.96	8716.07	697.29
250x250x8	60.19	250	250	8	20	75.24	7566.92	605.35	703.02	9.89	11337.99	907.04
250x250x10	74.06	250	250	10	25	92.57	9232.00	738.56	864.50	9.81	13824.00	1105.92
250x250x12	86.45	250	250	12	36	108.06	10812.44	864.99	1020.46	9.73	16177.53	1294.20
300x300x5	46.69	300	300	5	10	58.36	8559.92	570.66	652.75	12.05	12836.19	855.75
300x300x6	55.70	300	300	6	12	69.63	10169.11	677.94	778.03	12.00	15247.31	1016.49
300x300x8	72.99	300	300	8	20	91.24	13288.41	885.89	1023.42	11.93	19917.67	1327.84
300x300x10	90.06	300	300	10	25	112.57	16278.67	1085.24	1262.00	11.85	24389.00	1625.93
300x300x12	105.65	300	300	12	36	132.06	19143.48	1276.23	1493.86	11.77	28665.45	1911.03
350x350x8	85.79	350	350	8	20	107.24	21345.91	1219.77	1403.82	13.97	32001.35	1828.65
350x350x10	106.06	350	350	10	25	132.57	26225.33	1498.59	1734.50	13.89	39304.00	2245.94
350x350x12	124.85	350	350	12	36	156.06	30930.52	1767.46	2057.26	13.81	46337.37	2647.85

Other custom sizes are available upon request

SHS SQUARE HOLLOW SECTIONS



STAINLESS STEEL

Square Hollow Sections Stainless steel

Cold formed and welded acc. to EN 10219-2; grade accord. to EN 10088. Surface condition: external weld bead removed, brushed / blasted and pickled



General Properties							Structural Properties					
Designation		Dimensions					Axis y-y / Axis z-z					
	G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	I _y =I _z mm ⁴ x10 ⁴	W _{ely} =W _{elz} mm ³ x10 ³	W _{ply} =W _{plz} mm ³ x10 ³	i _y =i _z mm x10	I _v mm ⁴ x10 ⁴	W _v mm ³ x10 ³
400x400x8	98.59	400	400	8	20	123.24	32139.40	1606.97	1844.22	16.01	48189.03	2409.45
400x400x10	122.06	400	400	10	25	152.57	39572.00	1978.60	2282.00	15.93	59319.00	2965.95
400x400x12	144.05	400	400	12	36	180.06	46773.56	2338.68	2710.66	15.85	70093.29	3504.66

Other custom sizes are available upon request



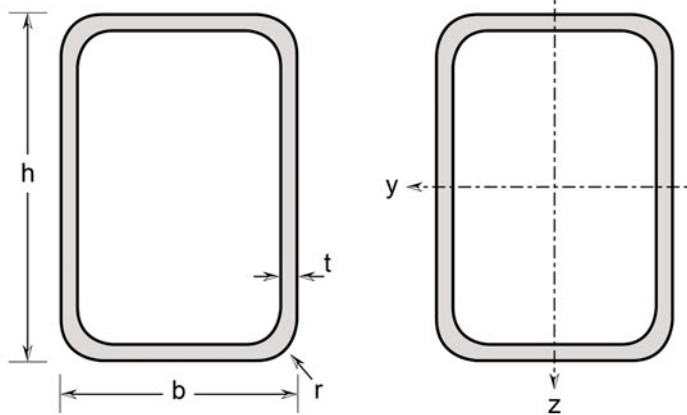
STAINLESS STEEL

RHS

Rectangular Hollow Sections



RHS RECTANGULAR HOLLOW SECTIONS



STAINLESS STEEL

Rectangular Hollow Sections Stainless steel

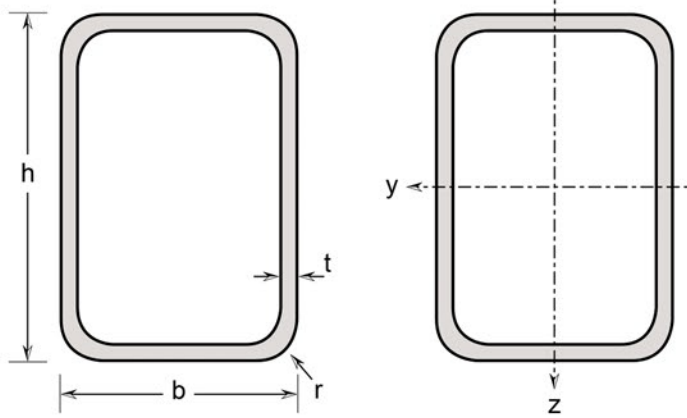
Cold formed and welded acc. to EN 10219-2; grade accord. to EN 10088. Surface condition: external weld bead removed, brushed / blasted and pickled



General Properties							Structural Properties									
Designation		Dimensions					Axis y-y					Axis z-z				
	G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	W _{ply} mm ³ x10 ³	i _y mm x10	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	W _{plz} mm ³ x10 ³	i _z mm x10	I _v mm ⁴ x10 ⁴	W _v mm ³ x10 ³
60x40x3	4.33	60	40	3	6	5.41	27.39	9.13	11.21	2.20	14.31	7.16	8.39	1.59	28.39	9.46
60x40x4	5.56	60	40	4	8	6.95	34.50	11.50	14.37	2.17	17.80	8.90	10.69	1.56	35.34	11.78
70x50x3	5.29	70	50	3	6	6.61	46.80	13.37	16.19	2.62	27.49	10.99	12.77	2.00	52.19	14.91
70x50x4	6.84	70	50	4	8	8.55	59.50	17.00	20.89	2.58	34.64	13.86	16.41	1.97	65.84	18.81
70x50x5	8.29	70	50	5	10	10.36	70.92	20.26	25.25	2.54	40.92	16.37	19.75	1.93	77.78	22.22
80x40x3	5.29	80	40	3	6	6.61	55.85	13.96	17.45	2.86	18.43	9.21	10.61	1.64	42.72	10.68
80x40x4	6.84	80	40	4	8	8.55	71.13	17.78	22.53	2.82	23.01	11.50	13.57	1.60	53.47	13.37
80x40x5	8.29	80	40	5	10	10.36	84.92	21.23	27.25	2.78	26.92	13.46	16.25	1.56	62.64	15.66
80x50x3	5.77	80	50	3	6	7.21	64.75	16.19	19.76	2.95	30.80	12.32	14.18	2.03	63.37	15.84
80x50x4	7.48	80	50	4	8	9.35	82.70	20.67	25.57	2.91	38.88	15.55	18.25	2.00	80.14	20.04
80x50x5	9.09	80	50	5	10	11.36	99.00	24.75	31.00	2.87	46.00	18.40	22.00	1.96	94.92	23.73
80x60x3	6.25	80	60	3	6	7.81	73.65	18.41	22.07	3.03	46.90	15.63	18.05	2.42	86.25	21.56
80x60x4	8.12	80	60	4	8	10.15	94.26	23.56	28.61	2.99	59.64	19.88	23.33	2.38	109.78	27.44
80x60x5	9.89	80	60	5	10	12.36	113.08	28.27	34.75	2.95	71.08	23.69	28.25	2.34	130.89	32.72

Other custom sizes are available upon request

RHS RECTANGULAR HOLLOW SECTIONS



STAINLESS STEEL

Rectangular Hollow Sections Stainless steel

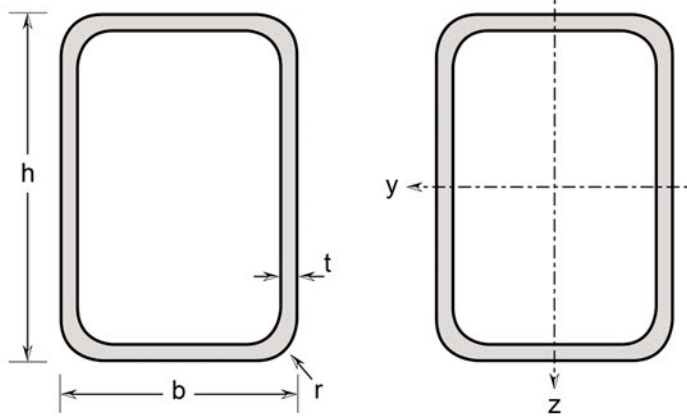
Cold formed and welded acc. to EN 10219-2; grade accord. to EN 10088. Surface condition: external weld bead removed, brushed / blasted and pickled



General Properties							Structural Properties									
Designation		Dimensions					Axis y-y					Axis z-z				
	G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	W _{ply} mm ³ x10 ³	i _y mm x10	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	W _{plz} mm ³ x10 ³	i _z mm x10	I _v mm ⁴ x10 ⁴	W _v mm ³ x10 ³
80x60x6	11.54	80	60	6	12	14.43	130.23	32.56	40.51	2.91	81.33	27.11	32.83	2.30	149.70	37.43
100x40x3	6.25	100	40	3	6	7.81	98.00	19.60	24.89	3.49	22.55	11.27	12.83	1.67	57.68	11.54
100x40x4	8.12	100	40	4	8	10.15	125.68	25.14	32.29	3.45	28.21	14.11	16.45	1.63	72.39	14.48
100x40x5	9.89	100	40	5	10	12.36	151.08	30.22	39.25	3.41	33.08	16.54	19.75	1.60	85.04	17.01
100x50x3	6.73	100	50	3	6	8.41	112.12	22.42	27.80	3.60	37.44	14.98	17.00	2.08	86.60	17.32
100x50x4	8.76	100	50	4	8	10.95	144.13	28.83	36.13	3.56	47.37	18.95	21.93	2.04	109.87	21.97
100x50x5	10.69	100	50	5	10	13.36	173.67	34.73	44.00	3.52	56.17	22.47	26.50	2.00	130.54	26.11
100x50x6	12.50	100	50	6	12	15.63	200.87	40.17	51.43	3.48	63.93	25.57	30.73	1.96	148.75	29.75
100x60x3	7.21	100	60	3	6	9.01	126.24	25.25	30.71	3.70	56.65	18.88	21.47	2.48	119.10	23.82
100x60x4	9.40	100	60	4	8	11.75	162.57	32.51	39.97	3.66	72.20	24.07	27.81	2.44	152.11	30.42
100x60x5	11.49	100	60	5	10	14.36	196.25	39.25	48.75	3.62	86.25	28.75	33.75	2.40	182.00	36.40
100x60x6	13.46	100	60	6	12	16.83	227.41	45.48	57.07	3.58	98.90	32.97	39.31	2.36	208.91	41.78
100x80x3	8.17	100	80	3	6	10.21	154.47	30.89	36.53	3.85	109.24	27.31	31.31	3.23	192.37	38.47
100x80x4	10.68	100	80	4	8	13.35	199.45	39.89	47.65	3.81	140.51	35.13	40.77	3.20	247.59	49.52

Other custom sizes are available upon request

RHS RECTANGULAR HOLLOW SECTIONS



STAINLESS STEEL

Rectangular Hollow Sections Stainless steel

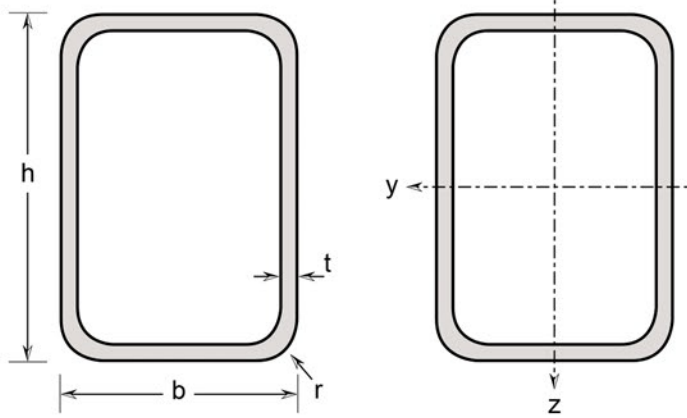
Cold formed and welded acc. to EN 10219-2; grade accord. to EN 10088. Surface condition: external weld bead removed, brushed / blasted and pickled



General Properties							Structural Properties									
Designation		Dimensions					Axis y-y					Axis z-z				
	G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	W _{ply} mm ³ x10 ³	i _y mm x10	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	W _{plz} mm ³ x10 ³	i _z mm x10	I _v mm ⁴ x10 ⁴	W _v mm ³ x10 ³
100x80x5	13.09	100	80	5	10	16.36	241.42	48.28	58.25	3.77	169.42	42.35	49.75	3.16	298.62	59.72
100x80x6	15.38	100	80	6	12	19.23	280.50	56.10	68.35	3.73	196.08	49.02	58.27	3.12	345.61	69.12
120x40x3	7.21	120	40	3	6	9.01	156.23	26.04	33.53	4.11	26.66	13.33	15.05	1.70	73.01	12.17
120x40x4	9.40	120	40	4	8	11.75	201.35	33.56	43.65	4.07	33.42	16.71	19.33	1.66	91.78	15.30
120x60x3	8.17	120	60	3	6	10.21	197.31	32.88	40.55	4.35	66.41	22.14	24.89	2.52	153.36	25.56
120x60x4	10.68	120	60	4	8	13.35	255.20	42.53	52.93	4.31	84.77	28.26	32.29	2.48	196.27	32.71
120x60x5	13.09	120	60	5	10	16.36	309.42	51.57	64.75	4.27	101.42	33.81	39.25	2.44	235.33	39.22
120x60x6	15.38	120	60	6	12	19.23	360.12	60.02	76.03	4.23	116.47	38.82	45.79	2.40	270.69	45.11
120x80x3	9.13	120	80	3	6	11.41	238.38	39.73	47.57	4.53	127.04	31.76	35.93	3.30	251.02	41.84
120x80x4	11.96	120	80	4	8	14.95	309.04	51.51	62.21	4.49	163.64	40.91	46.85	3.26	323.84	53.97
120x80x5	14.69	120	80	5	10	18.36	375.58	62.60	76.25	4.45	197.58	49.40	57.25	3.22	391.53	65.25
120x80x6	17.30	120	80	6	12	21.63	438.16	73.03	89.71	4.41	229.01	57.25	67.15	3.19	454.25	75.71
120x100x3	10.09	120	100	3	6	12.61	279.46	46.58	54.59	4.67	210.95	42.19	48.17	4.05	361.12	60.19
120x100x4	13.24	120	100	4	8	16.55	362.89	60.48	71.49	4.63	273.22	54.64	63.01	4.01	467.96	77.99
120x100x5	16.29	120	100	5	10	20.36	441.75	73.63	87.75	4.59	331.75	66.35	77.25	3.97	568.36	94.73

Other custom sizes are available upon request

RHS RECTANGULAR HOLLOW SECTIONS



STAINLESS STEEL

Rectangular Hollow Sections Stainless steel

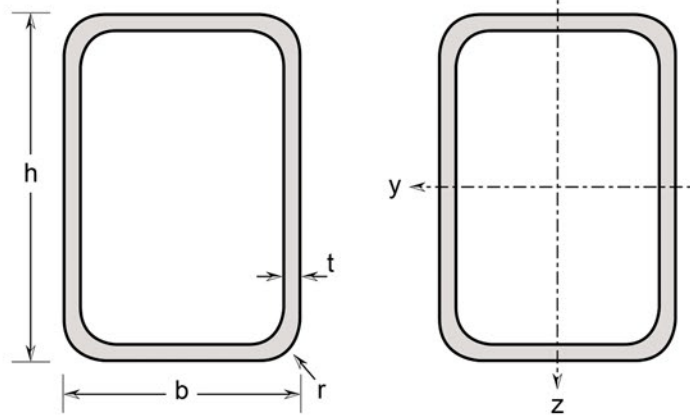
Cold formed and welded acc. to EN 10219-2; grade accord. to EN 10088. Surface condition: external weld bead removed, brushed / blasted and pickled



General Properties							Structural Properties									
Designation		Dimensions					Axis y-y					Axis z-z				
	G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	W _{ply} mm ³ x10 ³	i _y mm x10	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	W _{plz} mm ³ x10 ³	i _z mm x10	I _v mm ⁴ x10 ⁴	W _v mm ³ x10 ³
120x100x6	19.22	120	100	6	12	24.03	516.21	86.04	103.39	4.55	386.68	77.34	90.91	3.94	662.50	110.42
140x60x3	9.13	140	60	3	6	11.41	289.25	41.32	51.59	4.98	76.17	25.39	28.31	2.56	188.60	26.94
140x60x4	11.96	140	60	4	8	14.95	375.35	53.62	67.49	4.94	97.33	32.44	36.77	2.52	241.68	34.53
140x60x5	14.69	140	60	5	10	18.36	456.58	65.23	82.75	4.90	116.58	38.86	44.75	2.48	290.16	41.45
140x60x6	17.30	140	60	6	12	21.63	533.14	76.16	97.39	4.86	134.04	44.68	52.27	2.44	334.21	47.74
140x70x3	9.61	140	70	3	6	12.01	317.41	45.34	55.70	5.09	107.44	30.70	34.28	2.96	247.81	35.40
140x70x4	12.60	140	70	4	8	15.75	412.35	58.91	72.93	5.05	138.01	39.43	44.65	2.92	319.08	45.58
140x70x5	15.49	140	70	5	10	19.36	502.17	71.74	89.50	5.01	166.17	47.48	54.50	2.88	385.00	55.00
140x70x6	18.26	140	70	6	12	22.83	587.04	83.86	105.43	4.97	192.05	54.87	63.85	2.84	445.74	63.68
140x80x3	10.09	140	80	3	6	12.61	345.57	49.37	59.81	5.19	144.83	36.21	40.55	3.36	312.00	44.57
140x80x4	13.24	140	80	4	8	16.55	449.35	64.19	78.37	5.15	186.76	46.69	52.93	3.32	403.14	57.59
140x80x5	16.29	140	80	5	10	20.36	547.75	78.25	96.25	5.11	225.75	56.44	64.75	3.28	488.17	69.74
140x80x6	19.22	140	80	6	12	24.03	640.95	91.56	113.47	5.07	261.94	65.48	76.03	3.24	567.27	81.04
140x100x4	14.52	140	100	4	8	18.15	523.36	74.77	89.25	5.31	310.11	62.02	70.69	4.09	587.79	83.97

Other custom sizes are available upon request

RHS RECTANGULAR HOLLOW SECTIONS



STAINLESS STEEL

Rectangular Hollow Sections Stainless steel

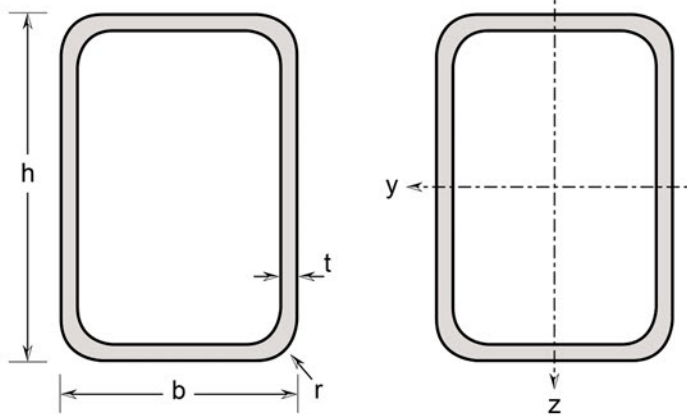
Cold formed and welded acc. to EN 10219-2; grade accord. to EN 10088. Surface condition: external weld bead removed, brushed / blasted and pickled



General Properties							Structural Properties									
Designation		Dimensions					Axis y-y				Axis z-z					
	G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	W _{ply} mm ³ x10 ³	i _y mm x10	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	W _{plz} mm ³ x10 ³	i _z mm x10	I _v mm ⁴ x10 ⁴	W _v mm ³ x10 ³
140x100x5	17.89	140	100	5	10	22.36	638.92	91.27	109.75	5.27	376.92	75.38	86.75	4.05	715.13	102.16
140x100x6	21.14	140	100	6	12	26.43	748.76	106.97	129.55	5.23	439.76	87.95	102.19	4.01	835.05	119.29
140x100x8	26.91	140	100	8	20	33.64	952.03	136.00	167.10	5.15	554.21	110.84	131.26	3.93	1053.41	150.49
150x50x3	9.13	150	50	3	6	11.41	311.39	41.52	53.15	5.17	54.03	21.61	24.05	2.15	147.63	19.68
150x50x4	11.96	150	50	4	8	14.95	404.10	53.88	69.53	5.13	68.58	27.43	31.13	2.11	187.94	25.06
150x50x5	14.69	150	50	5	10	18.36	491.58	65.54	85.25	5.09	81.58	32.63	37.75	2.07	224.08	29.88
150x50x6	17.30	150	50	6	12	21.63	574.03	76.54	100.33	5.04	93.15	37.26	43.93	2.03	256.24	34.17
150x80x4	13.88	150	80	4	8	17.35	532.03	70.94	87.05	5.47	198.32	49.58	55.97	3.34	443.68	59.16
150x80x5	17.09	150	80	5	10	21.36	649.33	86.58	107.00	5.43	239.83	59.96	68.50	3.30	537.57	71.68
150x80x6	20.18	150	80	6	12	25.23	760.76	101.43	126.25	5.39	278.40	69.60	80.47	3.26	625.05	83.34
150x100x3	11.53	150	100	3	6	14.41	473.48	63.13	75.20	5.69	253.30	50.66	56.90	4.16	499.96	66.66
150x100x4	15.16	150	100	4	8	18.95	617.31	82.31	98.73	5.65	328.55	65.71	74.53	4.12	649.42	86.59
150x100x5	18.69	150	100	5	10	23.36	754.50	100.60	121.50	5.61	399.50	79.90	91.50	4.08	790.63	105.42
150x100x6	22.10	150	100	6	12	27.63	885.25	118.03	143.53	5.57	466.31	93.26	107.83	4.04	923.81	123.18
150x100x8	28.19	150	100	8	20	35.24	1128.23	150.43	185.42	5.49	588.15	117.63	138.62	3.96	1166.96	155.59

Other custom sizes are available upon request

RHS RECTANGULAR HOLLOW SECTIONS



STAINLESS STEEL

Rectangular Hollow Sections Stainless steel

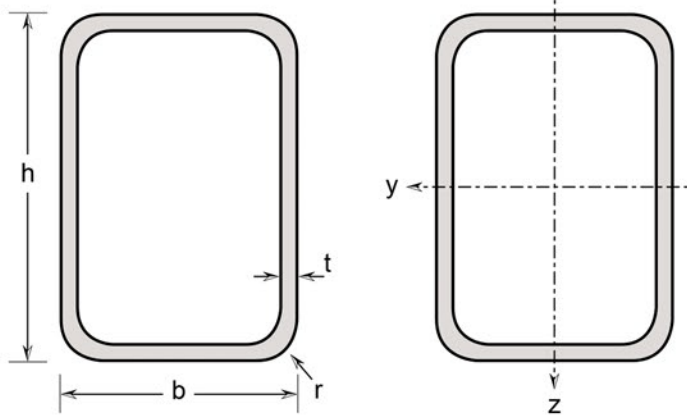
Cold formed and welded acc. to EN 10219-2; grade accord. to EN 10088. Surface condition: external weld bead removed, brushed / blasted and pickled



General Properties							Structural Properties									
Designation		Dimensions					Axis y-y					Axis z-z				
	G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	W _{ply} mm ³ x10 ³	i _y mm x10	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	W _{plz} mm ³ x10 ³	i _z mm x10	I _v mm ⁴ x10 ⁴	W _v mm ³ x10 ³
150x100x10	34.06	150	100	10	25	42.57	1347.83	179.71	224.50	5.41	695.33	139.07	167.00	3.89	1380.52	184.07
180x80x4	15.80	180	80	4	8	19.75	834.93	92.77	115.49	6.44	233.01	58.25	65.09	3.40	567.99	63.11
180x80x5	19.49	180	80	5	10	24.36	1022.08	113.56	142.25	6.39	282.08	70.52	79.75	3.36	689.06	76.56
180x80x6	23.06	180	80	6	12	28.83	1201.08	133.45	168.19	6.35	327.80	81.95	93.79	3.32	802.22	89.14
180x100x4	17.08	180	100	4	8	21.35	958.86	106.54	129.57	6.64	383.88	76.78	86.05	4.20	839.63	93.29
180x100x5	21.09	180	100	5	10	26.36	1175.25	130.58	159.75	6.60	467.25	93.45	105.75	4.16	1023.67	113.74
180x100x6	24.98	180	100	6	12	31.23	1382.80	153.64	189.07	6.56	545.94	109.19	124.75	4.12	1197.85	133.09
180x100x8	32.03	180	100	8	20	40.04	1772.34	196.93	245.18	6.48	689.97	137.99	160.70	4.04	1517.57	168.62
200x80x4	17.08	200	80	4	8	21.35	1086.60	108.66	136.45	7.07	256.14	64.03	71.17	3.43	652.62	65.26
200x80x5	21.09	200	80	5	10	26.36	1332.25	133.23	168.25	7.02	310.25	77.56	87.25	3.39	792.19	79.22
200x80x6	24.98	200	80	6	12	31.23	1568.02	156.80	199.15	6.98	360.72	90.18	102.67	3.35	922.81	92.28
200x100x3	13.93	200	100	3	6	17.41	947.25	94.72	115.55	7.33	323.89	64.78	71.45	4.28	745.21	74.52
200x100x4	18.36	200	100	4	8	22.95	1240.29	124.03	152.13	7.29	420.77	84.15	93.73	4.24	969.98	97.00
200x100x5	22.69	200	100	5	10	28.36	1522.42	152.24	187.75	7.25	512.42	102.48	115.25	4.20	1183.36	118.34

Other custom sizes are available upon request

RHS RECTANGULAR HOLLOW SECTIONS



STAINLESS STEEL

Rectangular Hollow Sections Stainless steel

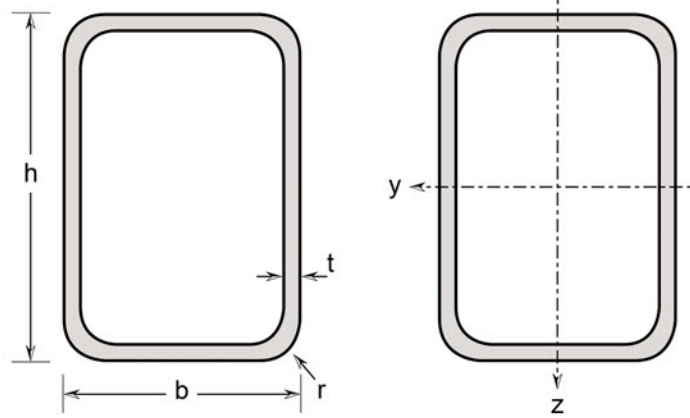
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General Properties							Structural Properties									
Designation		Dimensions					Axis y-y					Axis z-z				
	G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	W _{ply} mm ³ x10 ³	i _y mm x10	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	W _{plz} mm ³ x10 ³	i _z mm x10	I _v mm ⁴ x10 ⁴	W _v mm ³ x10 ³
200x100x6	26.90	200	100	6	12	33.63	1793.91	179.39	222.43	7.20	599.03	119.81	136.03	4.16	1385.63	138.56
200x100x8	34.59	200	100	8	20	43.24	2306.01	230.60	289.02	7.12	757.85	151.57	175.42	4.08	1757.84	175.78
200x100x10	42.06	200	100	10	25	52.57	2778.67	277.87	352.00	7.04	898.67	179.73	212.00	4.01	2088.64	208.86
200x150x5	26.69	200	150	5	10	33.36	1997.83	199.78	236.50	7.67	1280.33	170.71	194.00	6.14	2351.40	235.14
200x150x6	31.70	200	150	6	12	39.63	2358.63	235.86	280.63	7.63	1507.69	201.02	229.93	6.10	2770.72	277.07
200x150x8	40.99	200	150	8	20	51.24	3043.72	304.37	365.82	7.55	1935.64	258.09	299.02	6.02	3560.84	356.08
200x150x10	50.06	200	150	10	25	62.57	3682.00	368.20	447.00	7.47	2329.50	310.60	364.50	5.94	4288.24	428.82
200x150x12	57.65	200	150	12	36	72.06	4275.64	427.56	524.26	7.39	2691.12	358.82	426.46	5.86	4955.27	495.53
250x100x3	16.33	250	100	3	6	20.41	1641.52	131.32	163.40	8.92	394.48	78.90	86.00	4.37	1001.22	80.10
250x100x4	21.56	250	100	4	8	26.95	2155.26	172.42	215.53	8.88	512.98	102.60	112.93	4.33	1304.60	104.37
250x100x5	26.69	250	100	5	10	33.36	2652.83	212.23	266.50	8.83	625.33	125.07	139.00	4.29	1593.31	127.46
250x100x6	31.70	250	100	6	12	39.63	3134.57	250.77	316.33	8.79	731.75	146.35	164.23	4.25	1867.67	149.41
250x100x8	40.99	250	100	8	20	51.24	4051.80	324.14	412.62	8.71	927.56	185.51	212.22	4.17	2374.54	189.96
250x100x10	50.06	250	100	10	25	62.57	4909.50	392.76	504.50	8.62	1102.00	220.40	257.00	4.09	2827.64	226.21
250x150x4	24.76	250	150	4	8	30.95	2760.47	220.84	264.73	9.38	1256.95	167.59	186.33	6.33	2632.57	210.61

Other custom sizes are available upon request

RHS RECTANGULAR HOLLOW SECTIONS



STAINLESS STEEL

Rectangular Hollow Sections Stainless steel

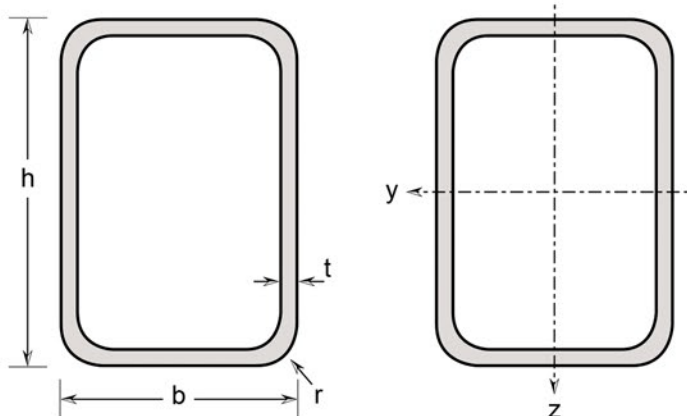
Cold formed and welded acc. to EN 10219-2; grade accord. to EN 10088. Surface condition: external weld bead removed, brushed / blasted and pickled



General Properties							Structural Properties									
Designation		Dimensions					Axis y-y					Axis z-z				
	G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	W _{ply} mm ³ x10 ³	i _y mm x10	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	W _{plz} mm ³ x10 ³	i _z mm x10	I _v mm ⁴ x10 ⁴	W _v mm ³ x10 ³
250x150x5	30.69	250	150	5	10	38.36	3403.25	272.26	327.75	9.34	1543.25	205.77	230.25	6.29	3235.96	258.88
250x150x6	36.50	250	150	6	12	45.63	4027.79	322.22	389.53	9.30	1818.91	242.52	273.13	6.25	3818.16	305.45
250x150x8	47.39	250	150	8	20	59.24	5223.51	417.88	509.42	9.22	2339.35	311.91	355.82	6.17	4920.35	393.63
250x150x10	58.06	250	150	10	25	72.57	6350.33	508.03	624.50	9.14	2820.33	376.04	434.50	6.09	5941.89	475.35
250x150x12	67.25	250	150	12	36	84.06	7410.92	592.87	734.86	9.06	3263.88	435.18	509.26	6.01	6885.50	550.84
300x100x4	24.76	300	100	4	8	30.95	3412.23	227.48	288.93	10.43	605.19	121.04	132.13	4.39	1647.90	109.86
300x100x5	30.69	300	100	5	10	38.36	4208.25	280.55	357.75	10.39	738.25	147.65	162.75	4.35	2013.85	134.26
300x100x6	36.50	300	100	6	12	45.63	4982.23	332.15	425.23	10.34	864.47	172.89	192.43	4.31	2362.11	157.47
300x100x8	47.39	300	100	8	20	59.24	6465.59	431.04	556.22	10.26	1097.27	219.45	249.02	4.23	3006.98	200.47
300x100x10	58.06	300	100	10	25	72.57	7865.33	524.36	682.00	10.17	1305.33	261.07	302.00	4.14	3585.32	239.02
300x150x4	27.96	300	150	4	8	34.95	4288.45	285.90	348.13	11.01	1470.17	196.02	215.53	6.45	3380.31	225.35
300x150x5	34.69	300	150	5	10	43.36	5296.17	353.08	431.50	10.97	1806.17	240.82	266.50	6.41	4158.41	277.23
300x150x6	41.30	300	150	6	12	51.63	6278.95	418.60	513.43	10.93	2130.13	284.02	316.33	6.37	4910.51	327.37
300x150x8	53.79	300	150	8	20	67.24	8171.29	544.75	673.02	10.85	2743.05	365.74	412.62	6.29	6338.30	422.55
300x150x10	66.06	300	150	10	25	82.57	9968.67	664.58	827.00	10.77	3311.17	441.49	504.50	6.20	7666.79	511.12
300x150x12	76.85	300	150	12	36	96.06	11674.20	778.28	975.46	10.69	3836.64	511.55	592.06	6.13	8899.07	593.27

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RHS RECTANGULAR HOLLOW SECTIONS



STAINLESS STEEL

Rectangular Hollow Sections Stainless steel

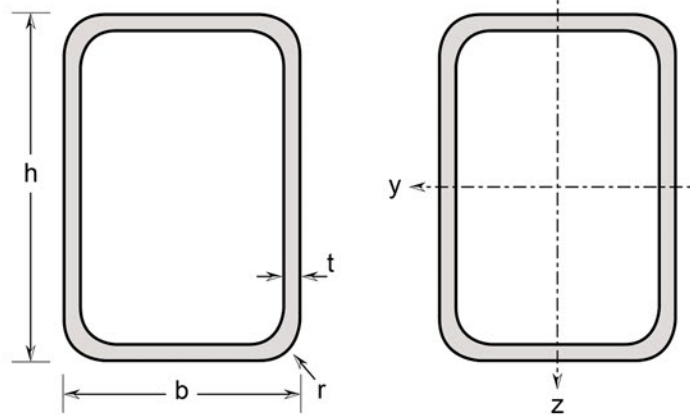
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General Properties							Structural Properties									
Designation		Dimensions					Axis y-y				Axis z-z					
	G kg/m	h mm	b mm	t mm	r mm	A mm ² x10 ²	I _y mm ⁴ x10 ⁴	W _{ely} mm ³ x10 ³	W _{ply} mm ³ x10 ³	i _y mm x10	I _z mm ⁴ x10 ⁴	W _{elz} mm ³ x10 ³	W _{plz} mm ³ x10 ³	i _z mm x10	I _v mm ⁴ x10 ⁴	W _v mm ³ x10 ³
300x200x5	38.69	300	200	5	10	48.36	6384.08	425.61	505.25	11.41	3424.08	342.41	382.75	8.36	6753.32	450.22
300x200x6	46.10	300	200	6	12	57.63	7575.67	505.04	601.63	11.37	4052.79	405.28	455.23	8.32	7999.44	533.30
300x200x8	60.19	300	200	8	20	75.24	9877.00	658.47	789.82	11.29	5256.84	525.68	596.22	8.24	10390.65	692.71
300x200x10	74.06	300	200	10	25	92.57	12072.00	804.80	972.00	11.21	6392.00	639.20	732.00	8.16	12650.04	843.34
300x200x12	86.45	300	200	12	36	108.06	14163.96	944.26	1148.26	11.13	7460.92	746.09	862.66	8.08	14781.04	985.40
350x150x6	46.10	350	150	6	12	57.63	9187.11	524.98	652.33	12.53	2441.35	325.51	359.53	6.46	6033.97	344.80
350x150x8	60.19	350	150	8	20	75.24	11987.08	684.98	856.62	12.44	3146.76	419.57	469.42	6.37	7796.57	445.52
350x150x10	74.06	350	150	10	25	92.57	14662.00	837.83	1054.50	12.36	3802.00	506.93	574.50	6.29	9440.67	539.47
350x150x12	86.45	350	150	12	36	108.06	17215.48	983.74	1246.06	12.28	4409.40	587.92	674.86	6.21	10969.73	626.84
350x250x6	55.70	350	250	6	12	69.63	12737.55	727.86	858.73	13.44	7600.67	608.05	682.33	10.38	14378.07	821.60
350x250x8	72.99	350	250	8	20	91.24	16666.49	952.37	1130.22	13.36	9910.33	792.83	896.62	10.30	18766.79	1072.39
350x250x10	90.06	350	250	10	25	112.57	20443.67	1168.21	1394.50	13.28	12113.67	969.09	1104.50	10.22	22960.55	1312.03
350x250x12	105.65	350	250	12	36	132.06	24073.00	1375.60	1651.66	13.20	14213.96	1137.12	1306.06	10.14	26963.49	1540.77
400x200x5	46.69	400	200	5	10	58.36	12744.92	637.25	775.25	14.70	4374.92	437.49	480.25	8.61	10055.68	502.78
400x200x6	55.70	400	200	6	12	69.63	15155.99	757.80	924.43	14.66	5182.23	518.22	571.63	8.57	11923.39	596.17

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RHS RECTANGULAR HOLLOW SECTIONS



STAINLESS STEEL

Rectangular Hollow Sections Stainless steel

Cold formed and welded acc. to EN 10219-2; grade accord. to EN 10088. Surface condition: external weld bead removed, brushed / blasted and pickled



General Properties							Structural Properties									
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400x200x8	72.99	400	200	8	20	91.24	19844.57	992.23	1217.02	14.57	6732.25	673.23	749.82	8.49	15519.64	775.98
400x200x10	90.06	400	200	10	25	112.57	24358.67	1217.93	1502.00	14.49	8198.67	819.87	922.00	8.41	18933.83	946.69
400x200x12	105.65	400	200	12	36	132.06	28702.52	1435.13	1779.46	14.41	9584.44	958.44	1088.26	8.33	22170.11	1108.51
400x300x8	85.79	400	300	8	20	107.24	25991.99	1299.60	1530.62	15.41	16699.83	1113.32	1257.02	12.35	30647.97	1532.40
400x300x10	106.06	400	300	10	25	132.57	31965.33	1598.27	1892.00	15.33	20485.33	1365.69	1552.00	12.27	37622.38	1881.12
400x300x12	124.85	400	300	12	36	156.06	37738.04	1886.90	2245.06	15.25	24123.00	1608.20	1839.46	12.19	44331.56	2216.58
500x200x8	85.79	500	200	8	20	107.24	34484.15	1379.37	1724.22	17.75	8207.67	820.77	903.42	8.66	20873.56	834.94
500x200x10	106.06	500	200	10	25	132.57	42445.33	1697.81	2132.00	17.67	10005.33	1000.53	1112.00	8.58	25492.97	1019.72
500x200x12	124.85	500	200	12	36	156.06	50153.08	2006.12	2530.66	17.58	11707.96	1170.80	1313.86	8.49	29882.70	1195.31
500x300x8	98.59	500	300	8	20	123.24	44167.56	1766.70	2117.82	18.76	20111.24	1340.75	1490.62	12.66	42121.11	1684.84
500x300x10	122.06	500	300	10	25	152.57	54452.00	2178.08	2622.00	18.68	24692.00	1646.13	1842.00	12.58	51775.41	2071.02
500x300x12	144.05	500	300	12	36	180.06	64444.60	2577.78	3116.26	18.60	29102.52	1940.17	2185.06	12.50	61090.56	2443.62

Other custom sizes are available upon request