



Aluminium Standard Extrusion

*Largest Local Stock
Geometric Shape Extrusions*

May 2024 Edition

www.sdaluminum.co.nz



About Us ...

SD Aluminium Ltd is a 100% New Zealand owned company. Founded in Albany, Auckland, with over 20 years' experiences in manufacturing and trading, SD Aluminium manufactures, produces and distributes premium aluminium extrusions, aluminium doors as well as customized aluminium extrusions, finishes, and fabrication coatings.

Their highly-skilled team has worked on a range of projects in many different industries, covering everything from aluminium extrusions for windows, doors, gates and fences, through to greenhouses, glass support, scaffolding and industrial assembly lines.

With their sophisticated production equipment, strong technical forces, advanced production management system and commitment to perfect customer service, you can trust them to deliver the highest quality solutions at competitive prices.

Business Advantage

01 Locally Based

SD Aluminium LTD is based right here in Auckland, New Zealand. They know the local market inside out and are only a phone call away.

02 Specialist design support

SD Aluminium's team of highly experienced engineers can assist with every stage of your project, from design and prototyping, through to production and installation.

03 Extensive Inventory

SD Aluminium provide a wide range of aluminium products, resulting in a large inventory with hundreds of different kinds suited for projects in the construction, marine and transport industries and more.

04 Fast Delivery

With our own delivery team, we can quick respond for your order request. From choosing and packaging you just need to call us and we will deliver your shipment as soon as possible.

Aluminium

Geometric Shape & Standard Profiles



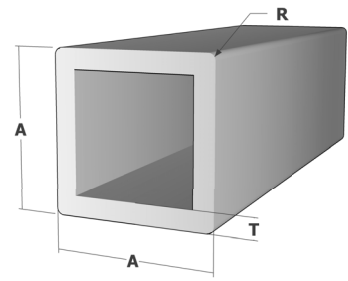
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"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Square Hollow

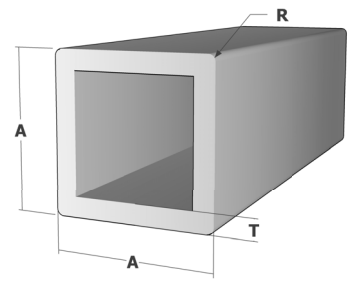


Product Code	Ex Stock	A (mm)	T (mm)	R (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
SHA10T1	✱	10.0	1.0		0.103	40.00	36.00
SHA12T1	✓	12.0	1.0		0.125	48.00	44.00
SHA15T1	✱	15.0	1.0		0.160	60.00	56.00
SHRA15T1R1.5	✱	15.0	1.0	1.5	0.150	55.83	52.49
SHA15T1.2	✱	15.0	1.2		0.189	60.00	66.24
SHA15T1.5	✓	15.0	1.5		0.231	60.00	81.14
SHA16T1.3	✓	16.0	1.3		0.218	64.00	76.44
SHRA16T1.8R2.8	✱	16.0	1.8	2.8	0.314	58.85	110.00
SHA18T1.2	✱	18.0	1.2		0.230	72.00	80.64
SHA18T2.2	✓	18.0	2.2		0.396	72.00	139.00
SHRA18.7T1.3R6	✱	18.7	1.3	6.0	0.224	64.50	78.54
SHRA18.8T1.35R6	✱	18.8	1.35	6.0	0.233	64.90	81.89
SHA19T0.8	✱	19.0	0.8		0.166	76.00	58.40
SHA19T1	✱	19.0	1.0		0.205	76.00	72.00
SHA19T1.2	✓	19.0	1.2		0.244	76.00	85.44
SHRA19T1.2R2	✓	19.0	1.2	2.0	0.235	72.57	82.56
SHA19T1.6	✓	19.0	1.6		0.317	75.14	113.36
SHRA19T1.6R2	✓	19.0	1.6	2.0	0.317	72.60	108.14
SHRA19T2R2	✓	19.0	2.0	2.0	0.378	72.60	132.64
SHA20T0.55	✱	20.0	0.55		0.122	80.00	42.79
SHA20T0.7	✱	20.0	0.7		0.154	80.00	54.00
SHA20T1.2	✓	20.0	1.2		0.257	80.00	90.24
SHRA20T1.6R2	✱	20.0	1.6	2.0	0.326	76.57	114.46
SHRA20T1.8R2	✱	20.0	1.8	2.0	0.364	76.57	127.70
SHRA20T1.9R1	✱	20.0	1.9	1.0	0.390	78.28	136.80
SHA20T2	✓	20.0	2.0		0.410	80.00	144.00
SHA20T3	✓	20.0	3.0		0.581	79.49	204.00
SHRA21T1.8R2.8	✱	21.0	1.8	2.8	0.418	79.30	146.52
SHA22T0.75	✱	22.0	0.75		0.182	87.00	63.75
SHRA22T1.1	✱	22.0	1.1		0.262	87.50	91.96
SHRA23T2R2.5	✱	23.0	2.0	2.5	0.464	87.70	162.71
SHRA23.8T10.9R1	✱	23.8	10.9	1.0	0.186	6.54	65.40
SHA24.8T1.5	✱	24.8	1.5		0.398	98.69	139.80
SHA24.8T1.8	✱	24.8	1.8		0.472	98.68	165.60
SHA25T0.6	✱	25.0	0.6		0.167	99.49	58.56
SHA25T0.8	✱	25.0	0.8		0.207	99.49	72.67
SHA25T1	✱	25.0	1.0		0.274	99.50	96.00
SHA25T1.2	✓	25.0	1.2		0.326	100.00	114.24
SHRA25T1.2R2	✓	25.0	1.2	2.0	0.317	96.57	111.36
SHA25T1.5	✱	25.0	1.5		0.402	100.00	141.00

"✓" Stocked Item
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Square Hollow

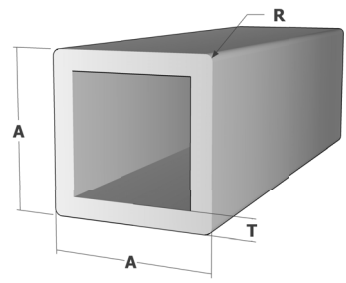


Product Code	Ex Stock	A (mm)	T (mm)	R (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
SHRA25T1.5R2	✓	25.0	1.5	2.0	0.393	96.60	137.80
SHRA25T1.8R2	✱	25.0	1.8	2.0	0.463	95.80	162.30
SHA25T2	✓	25.0	2.0		0.524	100.00	184.00
SHRA25T2R2	✱	25.0	2.0	2.0	0.510	95.76	179.00
SHRA25T2R3	✓	25.0	2.0	3.0	0.505	94.85	177.13
SHRA25T2.5R2	✱	25.0	2.5	2.0	0.626	95.76	219.60
SHRA25T3R3	✓	25.0	3.0	3.0	0.731	94.85	256.35
SHA25T3	✓	25.0	3.0		0.752	100.00	264.00
SHA25.4T0.9	✱	25.4	0.9		0.251	101.10	88.20
SHA28T2	✱	28.0	2.0		0.593	111.50	207.92
SHRA28.5T1.8R2.5	✱	28.5	1.8	2.5	0.533	109.70	187.10
SHA29.5T0.65	✱	29.5	0.65		0.214	118.00	75.00
SHA29.5T1.75	✱	29.5	1.75		0.554	119.14	194.25
SHA30T0.8	✱	30.0	0.8		0.299	120.00	104.76
SHRA30T1.5R1.5	✓	30.0	1.5	1.5	0.482	117.42	169.14
SHA30T1.9	✱	30.0	1.9		0.609	119.50	213.56
SHRA30T2R2	✱	30.0	2.0	2.0	0.629	116.57	220.64
SHRA30T2R3	✓	30.0	2.0	3.0	0.619	114.85	217.13
SHA30T3	✓	30.0	3.0		0.923	119.50	324.00
SHA31.8T0.9	✱	31.8	0.9		0.317	126.50	111.10
SHRA32T1.2R3	✓	32.0	1.2	3.0	0.407	122.85	142.90
SHRA32T2.3R3.5	✱	32.0	2.3	3.5	0.759	121.99	266.16
SHA32T3	✓	32.0	3.0		0.992	128.00	348.00
SHRA32.1T1.45R3	✱	32.1	1.45	3.0	0.491	123.34	172.23
SHRA33T3R5	✱	33.0	3.0	5.0	0.975	123.42	341.97
SHRA34T1.6R3	✓	34.0	1.6	3.0	0.574	130.85	201.32
SHA35T1	✱	35.0	1.0		0.388	140.00	136.00
SHRA35T1.6R1.5	✱	35.0	1.6	1.5	0.605	137.40	212.30
SHA35T1.75	✱	35.0	1.75		0.663	139.14	232.75
SHRA35T2R2	✱	35.0	2.0	2.0	0.743	136.57	260.64
SHA35T2	✱	35.0	3.0		0.752	140.00	264.00
SHA35T3	✱	35.0	3.0		1.094	140.00	384.00
SHRA36T1.5R1	✱	36.0	1.5	1.0	0.588	142.30	206.40
SHA38T0.6	✱	38.0	0.6		0.256	152.00	89.80
SHA38T1	✱	38.0	1.0		0.422	151.50	148.00
SHA38T0.9	✱	38.0	0.9		0.382	151.90	133.92
SHA38T1.3	✱	38.0	1.3		0.544	151.50	190.84
SHA39T0.8	✱	39.0	0.8		0.348	156.00	122.24
SHA39.5T0.8	✱	39.5	0.8		0.353	157.50	123.90
SHA40T0.8	✱	40.0	0.8		0.358	160.00	125.44

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Square Hollow

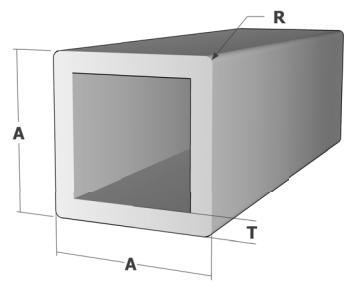


Product Code	Ex Stock	A (mm)	T (mm)	R (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
SHA40T1.2	✱	40.0	1.2		0.531	160.00	186.24
SHA40T1.5	✱	40.0	1.5		0.658	160.00	230.92
GM-PF-23	✱	40.0	2.0	3.5	0.842	154.00	295.40
SHA40T2	✓	40.0	2.0		0.866	160.00	304.00
SHRA40T2R3	✓	40.0	2.0	3.0	0.847	154.85	297.13
SHRA40T2.5R3.5	✱	40.0	2.5	3.5	1.041	154.00	365.30
SHA40T3	✓	40.0	3.0		1.265	160.00	444.00
SHRA40T3R3	✓	40.0	3.0	3.0	1.243	154.85	436.27
SHA40T4	✓	40.0	4.0		1.642	160.00	576.00
SHA44.5T0.9	✱	44.5	0.9		0.447	117.30	156.78
SHA45T0.6	✱	45.0	0.6		0.304	180.00	106.56
SHA45T0.8	✱	45.0	0.8		0.378	179.49	132.67
SHRA45T1.6R2	✱	45.0	1.6	2.0	0.783	176.60	274.60
SHRA45T2R3.5	✱	45.0	2.0	3.5	0.960	174.00	335.42
SHA50T0.8	✱	50.0	0.8		0.449	199.50	157.44
SHA50T1.0	✱	50.0	1.0		0.559	199.50	196.00
SHA50T1.2	✓	50.0	1.2		0.667	199.50	234.20
SHA50T1.4	✱	50.0	1.4		0.776	200.00	272.16
SHA50T2.0	✓	50.0	2.0		1.094	200.00	384.00
SHRA50T2.0R3	✓	50.0	2.0	3.0	1.075	194.85	377.13
SHA50T2.5	✱	50.0	2.5		1.356	200.00	475.86
SHA50T3	✓	50.0	3.0		1.607	200.00	564.00
SHRA50T3R3	✓	50.0	3.0	3.0	1.585	194.85	556.28
SHA50T3.5	✱	50.0	3.5		1.855	200.00	650.86
SHA50T4	✓	50.0	4.0		2.098	200.00	736.00
SHA50T5	✓	50.0	5.0		2.565	200.00	900.00
SHA60T1.5	✱	60.0	1.5		1.000	239.50	351.00
SHA60T2	✱	60.0	2.0		1.322	240.00	464.00
SHRA60T2R3.5	✱	60.0	2.0	3.5	1.298	221.43	455.42
SHA60T2.5	✓	60.0	2.5		1.639	240.00	575.00
SHRA60T2.7R3.5	✱	60.0	2.7	3.5	1.735	234.00	608.90
SHA60T6	✱	60.0	6.0		3.694	240.00	1296.00
SHRA65T2.5R3	✓	65.0	2.5	3.0	1.760	254.85	617.49
SHRA70T4	✱	70.0	4.0		3.010	280.00	1056.00
SHA75T1.6	✓	75.0	1.6		1.339	299.20	469.80
SHA75T3.0	✓	75.0	3.0		2.462	299.50	864.00
SHRA75T3R3	✓	75.0	3.0	3.0	2.440	294.85	856.27
SHA75T4	✓	75.0	4.0		3.238	299.50	1136.00
SHA80T1.5	✱	80.0	1.5		1.342	320.00	471.00
SHA80T1.8	✓	80.0	1.8		1.605	320.00	563.04

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Square Hollow

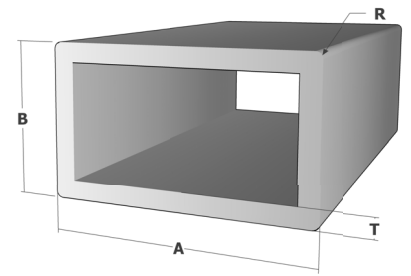


Product Code	Ex Stock	A (mm)	T (mm)	R (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
SHRA80T2.5R3.5	✳	80.0	2.5	3.5	2.181	314.00	765.34
SHRA80T5R10	✳	80.0	5.0	10.0	4.092	302.80	1435.62
SHRA90T1.6R8	✳	90.0	1.6	8.0	1.556	346.27	545.98
SHA90T1.8	✳	90.0	1.8		1.810	360.00	635.10
SHA90T1.9	✳	90.0	1.9		1.908	360.00	669.59
SHA90T3	✓	90.0	3.0		2.975	359.14	1043.86
SHA90T6	✓	90.0	6.0		5.746	360.00	2016.00
SHA100T1	✳	100.0	1.0		1.129	400.00	396.00
SHA100T1.3	✳	100.0	1.3		1.463	400.00	513.27
SHA100T2	✳	100.0	2.0		2.234	400.00	784.00
SHRA100T3R3	✓	100.0	3.0	3.0	3.296	394.85	1156.50
SHA100T3	✓	100.0	3.0		3.317	400.00	1164.00
SHA100T4	✓	100.0	4.0		4.378	400.00	1536.00
SHA100T5	✓	100.0	5.0		5.415	400.00	1900.00
SHA120T3R1	✓	120.0	3.0	1	4.000	478.30	1403.40
SHA150T3	✓	150.0	3.0		5.027	600.00	1764.00
SHA150T10	✓	150.0	10.0		15.960	600.00	5600.00
SHA200T10	✓	200.0	10.0		21.660	800.00	7600.00

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Rectangular Hollow

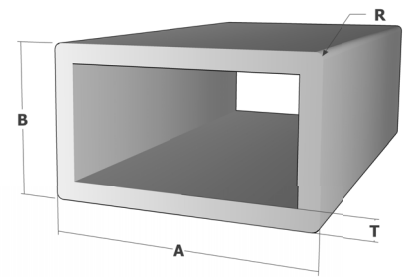


Product Code	Ex Stock	A (mm)	B (mm)	T (mm)	R (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RHA15B10T1	✱	15.0	10.0	1.0		0.131	50.00	46.00
RHA15B12T1.2	✱	15.0	12.0	1.2		0.168	54.00	59.04
RHRA17.8B13.8T1.4R2	✱	17.8	13.8	1.4	2.0	0.226	59.80	79.14
RHRA18B14T2R1.5	✱	18.0	14.0	2.0	1.5	0.314	61.43	110.10
RHA18.1B7.2T1.5	✱	18.1	7.2	1.5		0.191	50.09	66.90
RHRA18.5B13T1R1.3	✱	18.5	13.0	1.0	1.3	0.165	60.86	57.87
RHA20B10T1.2	✓	20.0	10.0	1.2		0.189	59.50	66.24
RHA20B12T1.2	✓	20.0	12.0	1.2		0.202	64.00	71.00
RHRA20B15T1.4R1	✱	20.0	15.0	1.4	1.0	0.255	69.50	89.38
RHA20B15T2	✓	20.0	15.0	2.0		0.353	70.00	124.00
RHA21B12.5T1	✱	21.0	12.5	1.0		0.180	66.50	63.00
RHA22B10T2	✱	22.0	10.0	2.0		0.319	64.00	112.00
RHRA22.3B18.3T0.8R1	✱	22.3	18.3	0.8	1.0	0.175	80.68	61.56
RHRA23B17T1.2R3	✱	23.0	17.0	1.2	3.0	0.243	74.90	85.30
RHA23.8B10.9T1	✱	23.8	10.9	1.0		0.186	68.54	65.4
RHA24B8T2	✱	24.0	8.0	2.0		0.319	64.00	112.00
RHRA25B9T1.2R2	✱	25.0	9.0	1.2	2.0	0.208	64.60	73.00
RHA25B15T0.45	✱	25.0	15.0	0.45		0.100	79.70	35.20
RHA25B15T1	✱	25.0	15.0	1.0		0.217	79.50	76.00
RHRA25B15T2.5R2	✱	25.0	15.0	2.5	2.0	0.496	76.60	174.20
RHA25B20T1	✱	25.0	20.0	1.0		0.245	89.50	86.00
RHA25.1B10.1T0.8	✱	25.1	10.1	0.8		0.153	70.00	53.76
RHA25.4B12.7T0.9	✱	25.4	12.7	0.9		0.186	75.69	65.34
RHA26.1B16.5T0.52	✱	26.1	16.5	0.52		0.123	85.20	43.22
RHA28B15T1	✱	28.0	15.0	1.0		0.234	85.50	82.00
RHRA28B18T0.7R4	✱	28.0	18.0	0.7	4.0	0.165	85.10	58.05
RHA29.2B10T0.65	✱	29.2	10.0	0.65		0.171	77.59	59.84
RHRA29.9B19.9T1R1.5	✱	29.9	19.9	1.0	1.5	0.267	98.86	93.70
RHRA30B10T1.5R1.5	✱	30.0	10.0	1.5	1.5	0.311	77.40	109.20
RHA30B10T2	✓	30.0	10.0	2.0		0.405	79.00	142.00
RHA30B15T1	✱	30.0	15.0	1.0		0.245	90.00	86.00
RHA30B15T1.2	✱	30.0	15.0	1.2		0.291	89.50	102.20
RHRA30B15T2R2.5	✱	30.0	15.0	2.0	2.5	0.453	85.70	158.90
RHRA30B15T2.2R2	✱	30.0	15.0	2.2	2.0	0.500	86.60	175.40
RHA30B18T1	✱	30.0	18.0	1.0		0.262	95.50	92.00
RHRA30B18T1.5R2	✱	30.0	18.0	1.5	2.0	0.375	92.56	131.58
RHA30B20T0.8	✓	30.0	20.0	0.8		0.221	100.00	77.50
RHRA30B20T1R1.5	✱	30.0	20.0	1.0	1.5	0.269	97.40	94.30
RHA30B20T1.2	✱	30.0	20.0	1.2		0.325	99.50	114.20
RHRA30B20T1.5R1.5	✱	30.0	20.0	1.5	1.5	0.397	97.42	139.14

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Rectangular Hollow

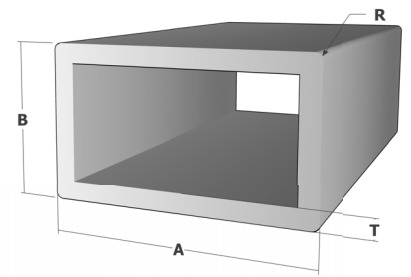


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RHRA30B20T1.6R1.5	*	30.0	20.0	1.6	1.5	0.422	97.40	147.90
RHA30B20T1.8	✓	30.0	20.0	1.8		0.476	100.00	167.00
RHRA32B16T1.5R2.2	*	32.0	16.0	1.5	2.2	0.385	92.22	135.00
RHRA32B27T1.8R1	*	32.0	27.0	1.8	1.0	0.566	116.28	198.66
RHRA34.5B12T1.2R1	*	34.5	12.0	1.2	1.0	0.300	91.50	105.20
RHRA34.8B24.8T0.65R2	*	34.8	24.8	0.65	2.0	0.211	116.00	73.92
RHA35B20T0.4	*	35.0	20.0	0.4		0.123	109.49	43.28
RHA35B20T0.5	*	35.0	20.0	0.5		0.154	109.50	54.00
RHRA35B25T1.5R3	*	35.0	25.0	1.5	3.0	0.471	114.85	165.20
RHA36B23T0.5	*	36.0	23.0	0.5		0.165	117.50	58.00
RHA37.2B24.2T1.1	*	37.2	24.2	1.1		0.371	122.30	130.24
RHRA38B7T1.2R1	*	38.0	7.0	1.2	1.0	0.289	88.30	101.50
RHA38B13T2.5	*	38.0	13.0	2.5		0.654	102.50	229.64
RHA38B25T0.5	*	38.0	25.0	0.5		0.177	125.50	62.00
RHA38B25T0.6	*	38.0	25.0	0.6		0.211	126.00	74.16
RHA38B25T0.9	*	38.0	25.0	0.9		0.314	125.50	110.20
RHA38B25T1	*	38.0	25.0	1.0		0.348	126.00	122.00
RHA38B25T1.2	*	38.0	25.0	1.2		0.415	126.00	145.44
RHRA38B25T1.5R3	✓	38.0	25.0	1.5	3.0	0.496	120.85	174.21
RHA38B25T2	✓	38.0	25.0	2.0		0.672	125.14	235.86
RHRA38B25T2.5R3	✓	38.0	25.0	2.5	3.0	0.805	120.85	282.49
RHA38B25T3	*	38.0	25.0	3.0		0.975	126.00	342.00
RHA38B25.4T0.9	*	38.0	25.4	0.9		0.317	126.50	111.10
RHA40B20T0.75	*	40.0	20.0	0.75		0.250	120.00	87.75
RHA40B20T0.9	*	40.0	20.0	0.9		0.298	119.49	104.68
RHA40B20T1	*	40.0	20.0	1.0		0.329	119.49	115.41
RHA40B20T1.2	✓	40.0	20.0	1.2		0.394	119.50	138.20
RHRA40B20T1.6R2	✓	40.0	20.0	1.6	2.0	0.509	116.60	178.54
RHRA40B20T2R2	*	40.0	20.0	2.0	2.0	0.629	116.57	220.64
RHA40B20T2.5	*	40.0	20.0	2.5		0.784	120.00	275.00
RHA40B20T3	✓	40.0	20.0	3.0		0.923	120.00	324.00
RHA40B25T2	✓	40.0	25.0	2.0		0.695	130.00	244.00
RHRA40B25T2.5R3	*	40.0	25.0	2.5	3.0	0.834	124.85	292.49
RHA40B30T0.7	*	40.0	30.0	0.7		0.274	139.49	96.04
RHA40B30T2	*	40.0	30.0	2.0		0.750	138.28	263.22
RHA40.6B23.6T0.8	*	40.6	23.6	0.8		0.286	128.40	100.20
RHA42.4B35T2	*	42.4	35.0	2.0		0.832	154.00	292.00
RHA45B20T1.5	*	45.0	20.0	1.5		0.530	129.66	186.00
RHA45B25T0.6	*	45.0	25.0	0.6		0.235	140.00	82.56
RHRA45B35T1R2	*	45.0	35.0	1.0	2.0	0.437	156.57	153.43

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Rectangular Hollow

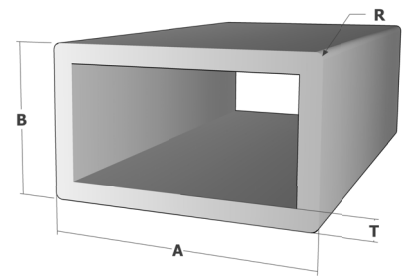


Product Code	Ex Stock	A (mm)	B (mm)	T (mm)	R (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RHA45B40T3	*	45.0	40.0	3.0		1.351	170.00	474.00
RHRA50B20T0.8R3	*	50.0	20.0	0.8	3.0	0.305	135.00	107.00
RHA50B25T0.6	*	50.0	25.0	0.6		0.252	149.50	88.56
RHA50B25T0.8	*	50.0	25.0	0.8		0.314	149.49	110.17
RHA50B25T1.2	✓	50.0	25.0	1.2		0.496	150.00	174.20
RHA50B25T1.6	✓	50.0	25.0	1.6		0.654	149.00	229.60
RHA50B25T2.5	*	50.0	25.0	2.5		0.998	150.00	350.00
RHA50B25T3	✓	50.0	25.0	3.0		1.180	150.00	414.00
RHRA50B25T3R3	✓	50.0	25.0	3.0	3.0	1.158	144.85	406.27
RHA50B30T1.2	*	50.0	30.0	1.2		0.531	160.00	186.20
RHA50B30T1.5	*	50.0	30.0	1.5		0.658	160.00	231.00
RHA50B30T2	*	50.0	30.0	2.0		0.866	160.00	304.00
RHA50B34T1.5	*	50.0	34.0	1.5		0.693	168.00	243.00
RHRA50B34T2R3.5	*	50.0	34.0	2.0	3.5	0.887	162.00	311.40
RHA50B35T3	*	50.0	35.0	3.0		1.351	170.00	474.00
RHA50B38.5T2	*	50.0	38.5	2.0		0.963	176.14	338.00
RHA50B40T2	✓	50.0	40.0	2.0		0.980	180.00	344.00
RHRA50B40T2R3	✓	50.0	40.0	2.0	3.0	0.961	174.85	337.13
RHRA50B40T3R5	*	50.0	40.0	3.0	5.0	1.385	171.42	485.97
RHA50.2B25.4T0.9	*	50.2	25.4	0.9		0.378	150.70	132.80
RHA50.8B38.1T0.9	*	50.8	38.1	0.9		0.447	177.30	156.80
RHRA51B39T1.8R1.5	*	51.0	39.0	1.8	1.5	0.881	177.43	309.11
RHA53B30T1	*	53.0	30.0	1.0		0.462	165.49	162.00
RHA54.7B11T0.7	*	54.7	11.0	0.7		0.257	131.40	90.00
RHA55B9T1.3	*	55.0	9.0	1.3		0.455	127.50	159.56
RHA55B15T0.7	*	55.0	15.0	0.7		0.324	139.49	113.72
RHA55B22T0.7	✓	55.0	22.0	0.7		0.302	153.49	105.84
RHA55B30T1	*	55.0	30.0	1.0		0.473	170.00	166.00
RHA55B40T3	*	55.0	40.0	4.0	3.0	1.522	190.00	534.00
RHRA55B40T4R2	*	55.0	40.0	4.0	2.0	1.984	186.70	696.00
RHRA55.5B11.2T0.8R1.5	*	55.5	11.2	0.8	1.5	0.297	130.82	104.16
RHA59B18T1.5	*	59.0	18.0	1.5		0.633	154.00	222.00
RHA60B20T1.2	*	60.0	20.0	1.2		0.531	159.50	186.20
RHRA60B25T1.3R3	*	60.0	25.0	1.3	3.0	0.596	164.85	209.00
RHRA60B25T1.5R3	*	60.0	25.0	1.5	3.0	0.701	164.90	246.00
RHRA60B25T1.5R5.5	*	60.0	25.0	1.5	5.5	0.672	160.56	235.91
RHRA60B26T2R5	*	60.0	26.0	2.0	5.0	0.896	163.42	314.27
RHA60B40T2	✓	60.0	40.0	2.0		1.094	200.00	384.00
RHRA60B40T2R3	✓	60.0	40.0	2.0	3.0	1.075	195.0	377.13
RHA60B40T2.5	*	60.0	40.0	2.5		1.354	199.50	475.00

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Rectangular Hollow

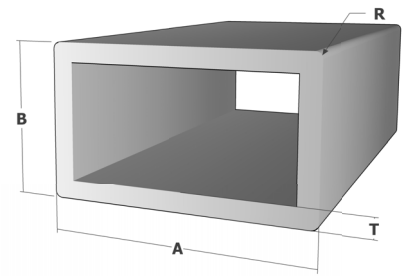


Product Code	Ex Stock	A (mm)	B (mm)	T (mm)	R (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RHA60B40T3	✓	60.0	40.0	3.0		1.607	199.20	563.90
RHRA60B40T3R6	✱	60.0	40.0	3.0	6.0	1.600	196.57	561.42
RHA60B40T3.8	✱	60.0	40.0	3.8		2.001	200.00	702.24
RHA60B40T4	✓	60.0	40.0	4.0		2.098	200.00	736.00
RHRA60B40T5R2	✱	60.0	40.0	5.0	2.0	2.555	196.57	896.57
RHRA62.8B17.6T0.8R4	✱	62.8	17.6	0.8	4.0	0.345	153.93	121.14
RHA64B25T0.9	✱	64.0	25.0	0.9		0.447	178.00	156.96
RHRA65B16T1.2R2	✓	65.0	16.0	1.2	2.0	0.568	161.50	199.30
RHA65B16T1.2	✱	65.0	16.0	1.2		0.529	158.57	185.76
RHA65B50T3	✓	65.0	50.0	3.0		1.864	229.14	653.86
RHA69.9B19.9T0.9	✱	69.9	19.9	0.9		0.451	179.00	158.31
RHA70B20T1	✱	70.0	20.0	1.0		0.500	179.49	175.41
RHRA70B25T4R2	✱	70.0	25.0	4.0	2.0	1.984	190.00	696.00
RHRA70B25.5T0.9R3.5	✱	70.0	25.5	0.9	3.5	0.447	184.99	156.83
RHA70B30.2T1	✱	70.0	30.2	1.0		0.450	199.89	157.76
RHA70B40T3	✓	70.0	40.0	3.0		1.778	219.14	623.86
RHA71.6B21.3T1	✱	71.6	21.3	1.0		0.518	185.29	181.80
RHRA74B25T1.8R3	✱	74.0	25.0	1.8	3.0	1.052	192.85	369.11
RHA75B25T2.2	✓	75.0	25.0	2.2		1.199	199.20	420.70
RHA75B40T2	✓	75.0	40.0	2.0		1.265	230.00	444.00
RHA75B45T0.8	✱	75.0	45.0	0.8		0.507	239.50	177.80
RHA75B45T3	✓	75.0	45.0	3.0		1.949	239.14	683.86
RHA75B50T3	✓	75.0	50.0	3.0		2.035	249.50	714.00
RHA76B25T1.2	✱	76.0	25.0	1.2		0.674	201.50	236.60
RHA76B25T1.5	✱	76.0	25.0	1.5		0.838	201.50	294.00
RHA76B44T0.7	✱	76.0	44.0	0.7		0.473	240.00	166.00
RHA76B44T1	✱	76.0	44.0	1.0		0.673	240.00	236.00
RHA76B44T1.2	✱	76.0	44.0	1.2		0.804	240.00	282.20
RHA76B44T1.4	✱	76.0	44.0	1.4		0.935	240.00	328.00
RHA76B44T1.5	✱	76.0	44.0	1.5		1.000	240.00	351.00
RHA76B44T2.0	✓	76.0	44.0	2.0		1.322	240.00	464.00
RHA76B25.4T0.9	✓	76.0	25.4	0.9		0.512	202.70	179.60
RHA76B44.5T0.9	✱	76.0	44.5	0.9		0.610	240.80	214.00
RHRA77B32T2.7R3	✓	77.0	32.0	2.7	3.0	1.573	212.85	551.80
RHRA78.6B35.4T2R3	✱	78.6	35.4	2.0	3.0	1.234	222.85	433.13
RHRA79.5B19.9T0.85	✱	79.5	19.9	0.85		0.473	198.00	166.10
RHRA80B16T1.1R2	✓	80.0	16.0	1.1	2.0	0.580	188.57	203.62
RHA80B20T0.7	✓	80.0	20.0	0.7		0.449	199.50	157.50
RHA80B25T1	✱	80.0	25.0	1.0		0.587	209.50	206.00
RHA80B40T0.9	✱	80.0	40.0	0.9		0.573	240.00	201.11

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Rectangular Hollow

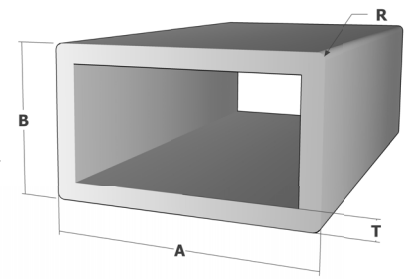


Product Code	Ex Stock	A (mm)	B (mm)	T (mm)	R (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RHA80B40T1.5	*	80.0	40.0	1.5		1.000	240.00	350.90
RHA80B40T1.8	✓	80.0	40.0	1.8		1.194	240.00	419.00
RHRA80B40T2R3	✓	80.0	40.0	2.0	3.0	1.303	243.85	457.13
RHRA80B40T3.5R3	*	80.0	40.0	3.5	3.0	2.254	234.80	791.00
RHA80B50T3	✓	80.0	50.0	3.0		2.120	260.00	744.00
RHRA80B50T3R3	✓	80.0	50.0	3.0	3.0	2.098	254.85	736.28
RHA80B60T6	*	80.0	60.0	6.0		4.378	280.00	1536.00
RHA90B25T4	*	90.0	25.0	4.0		2.440	229.50	856.00
RHA90B50T2	✓	90.0	50.0	2.0		1.550	279.14	543.86
RHA90B50T6	✓	90.0	50.0	6.0		4.378	280.00	1536.00
RHA90B60T3	*	90.0	60.0	3.0		2.384	300.00	836.50
RHRA90B60T5R5	*	90.0	60.0	5.0	5.0	4.051	300.00	1421.46
RHA100B15T1.2	*	100.0	15.0	1.2		0.770	229.50	270.20
RHA100B15T1.3	*	100.0	15.0	1.3		0.833	230.00	292.24
RHRA100B18T2.3R2	*	100.0	18.0	2.3	2.0	1.388	236.00	486.91
RHA100B19.7T1.4	✓	100.0	19.7	1.4		0.933	238.50	372.20
RHA100B19.7T1.4	*	100.0	19.7	1.4		0.949	238.50	333.10
RHA100B20T0.8	*	100.0	20.0	0.8		0.540	240.00	189.44
RHA100B20T1.2	*	100.0	20.0	1.2		0.804	239.49	282.24
RHA100B25T1.5	*	100.0	25.0	1.5		1.043	250.00	366.00
RHA100B25T2.5	✓	100.0	25.0	2.5		1.710	249.20	600.00
RHA100B30T1.5	*	100.0	30.0	1.5		1.086	260.00	381.00
RHA100B40T2	✓	100.0	40.0	2.0		1.550	280.00	544.00
RHA100B44T1.4	✓	100.0	44.0	1.4		1.127	288.00	395.40
RHA100B44T2	*	100.0	44.0	2.0		1.596	288.00	560.10
RHA100B44T3	*	100.0	44.0	3.0		2.360	288.00	828.00
RHA100B45T0.8	*	100.0	45.0	0.8		0.613	289.49	215.17
RHA100B45T3	*	100.0	45.0	3.0		2.377	290.00	834.00
RHA100B45T4	*	100.0	45.0	4.0		3.124	290.00	1096.00
RHA100B50T1.5	*	100.0	50.0	1.5		1.257	300.00	441.00
RHA100B50T2.5	*	100.0	50.0	2.5		2.066	300.00	725.00
RHA100B50T3	✓	100.0	50.0	3.0		2.462	300.00	864.00
RHRA100B50T3R3	✓	100.0	50.0	3.0	3.0	2.440	294.85	856.28
RHA100B50T6	✓	100.0	50.0	6.0		4.719	299.20	1655.90
RHRA100B55T2.5R1.5	*	100.0	55.0	2.5	1.5	2.135	307.00	749.00
RHA100B60T2	*	100.0	60.0	2.0		1.778	320.00	624.00
RHRA100B60T5R1	*	100.0	60.0	5.0	1.0	4.273	318.28	1499.22
RHA100B80T1.8	*	100.0	80.0	1.8		1.810	360.00	635.00
RHA100B80T2	✓	100.0	80.0	2.0		2.006	360.00	704.00
RHRA101.6B25.4T0.9	*	101.6	25.4	0.9		0.642	253.50	225.40

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Rectangular Hollow

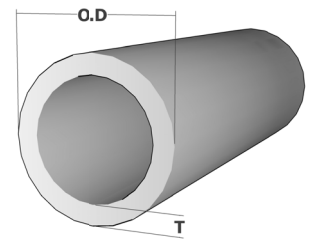


Product Code	Ex Stock	A (mm)	B (mm)	T (mm)	R (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RHA101.6B44.5T1	*	101.6	44.5	1.0		0.659	291.60	231.12
RHRA102B75T2.5R7.5	*	102.0	75.0	2.5	7.5	2.375	341.12	833.18
RHA120B25T4	✓	120.0	25.0	4.0		3.124	290.00	1096.00
RHA120B60T2	*	120.0	60.0	2.0		2.006	360.00	704.00
RHA120B60T2.9	✓	120.0	60.0	2.9		2.880	360.00	1010.40
RHA120B60T5	✓	120.0	60.0	5.0		4.845	360.00	1700.00
RHA120B60T6	✓	120.0	60.0	6.0		5.746	360.00	2016.00
RHRA120B66T3.9R2	*	120.0	66.0	3.9	2.0	3.962	369.00	1390.00
RHA120B80T6	*	120.0	80.0	6.0		6.430	400.00	2256.0
RHA125B30T2.5	✓	125.0	30.0	2.5		2.138	310.00	750.00
RHA125B40T3	✓	125.0	40.0	3.0		2.719	329.20	954.00
RHA125B50T3	✓	125.0	50.0	3.0		2.890	349.14	1013.86
RHA150B30T2.5	✓	150.0	30.0	2.5		2.494	360.00	875.00
RHA150B50T2.5	*	150.0	50.0	2.5		2.779	400.00	975.00
RHA150B50T3	✓	150.0	50.0	3.0		3.317	400.00	1164.00
RHA150B76T2.5	*	150.0	76.0	2.5		3.149	452.00	1105.00
RHA150B100T2.5	✓	150.0	100.0	2.5		3.445	500.00	1208.92
RHRA154.9B79.7T6R14.6	*	154.9	79.7	6.0	14.6	7.358	444.24	2581.72
RHA160B60T4	✓	160.0	60.0	4.0		4.834	440.00	1696.00
RHA160B60T5	*	160.0	60.0	5.0		5.985	440.00	2100.00
RHRA160B148.5T6R10	*	160.0	148.5	6.0	10.0	9.935	599.83	3485.90
RHRA160B150T6R10	*	160.0	150.0	6.0	10.0	9.986	602.83	3503.90
RHRA169B86.2T6R15.1	*	169.0	86.2	6.0	15.1	8.026	484.57	2816.07
RHA171B93T10	*	171.0	93.0	10.0		13.959	527.14	4897.79
RHA173B73T5	*	173.0	73.0	5.0		6.726	492.00	2360.00
RHRA174B86.6T7.5R5	*	174.0	86.6	7.5	5.0	10.450	512.62	3666.69
RHA180B80T3	✓	180.0	80.0	3.0		4.344	520.00	1524.10
RHA200B30T2.8	*	200.0	30.0	2.8		3.519	460.00	1234.75
RHA200B50T3	✓	200.0	50.0	3.0		4.172	500.00	1464.00
RHA200B60T2	*	200.0	60.0	2.0		2.918	520.00	1024.00
RHA200B75T3	✓	200.0	75.0	3.0		4.600	549.50	1614.00
RHA200B100T3	✓	200.0	100.0	3.0		5.027	600.00	1764.00
RHA200B100T8	✓	200.0	100.0	8.0		12.950	600.00	4544.00
RHRA232B74T10R4	*	232.0	74.0	10.0	4.0	16.393	611.14	5751.79
RHA250B50T3	✓	250.0	50.0	3.0		5.027	600.00	1764.00
RHA300B50T3	✓	300.0	50.0	3.0		6.047	699.00	2121.87
RHA317B220T16	*	317.0	220.0	16.0		46.117	1074.00	16181.46

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Round Tubes

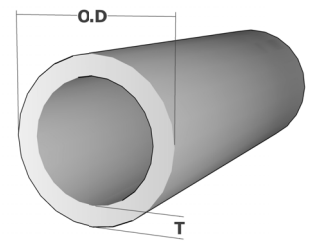


Product Code	Ex Stock	O.D (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RTD8T1.2	✱	8.0	1.2	0.073	25.13	25.65
RTD8T1.5	✱	8.0	1.5	0.087	25.13	30.63
RTD8.9T1.8	✱	8.9	1.8	0.114	27.95	40.15
RTD8.9T1.55	✱	8.9	1.55	0.102	27.95	35.79
RTD9T1.4	✱	9.0	1.4	0.095	28.27	33.43
RTD9T2	✓	9.0	2.0	0.125	28.26	43.98
RTD9.53T1.42	✱	9.5	0.9	0.069	29.85	24.32
RTD9.53T1.42	✓	9.53	1.42	0.103	29.92	36.18
RTD10T1	✱	10.0	1.0	0.081	31.40	28.27
RTD10T1.2	✓	10.0	1.2	0.095	31.40	33.18
RTD10T1.5	✱	10.0	1.5	0.114	31.42	40.01
RTD10T2	✱	10.0	2.0	0.143	31.42	50.27
RTD10.6T1.6	✱	10.6	1.6	0.129	33.28	45.21
RTD11T0.7	✱	11.0	0.7	0.065	34.60	22.65
RTD11T2	✱	11.0	2.0	0.161	34.56	56.55
RTD11T3	✱	11.0	3.0	0.215	34.56	75.40
RTD11.5T0.8	✱	11.5	0.8	0.077	36.11	26.88
RTD11.8T0.55	✱	11.8	0.55	0.080	37.05	19.43
RTD11.8T0.95	✱	11.8	0.95	0.092	37.07	32.38
RTD12T0.8	✱	12.0	0.8	0.080	37.68	28.13
RTD12T0.9	✱	12.0	0.9	0.089	37.68	31.37
RTD12T1	✱	12.0	1.0	0.098	37.68	34.56
RTD12T1.2	✱	12.0	1.2	0.116	37.68	40.69
RTD12T2	✱	12.0	2.0	0.179	37.70	62.83
RTD12T2.6	✱	12.0	2.6	0.219	37.70	76.78
RTD12T2.6	✱	12.0	2.6	0.219	37.70	76.78
RTD12T3.9	✱	12.0	3.9	0.283	37.70	99.24
RTD12.4T0.8	✱	12.4	0.8	0.083	38.96	29.15
RTD12.5T2	✱	12.5	2.0	0.188	39.27	65.97
RTD12.7T1.4	✓	12.7	1.4	0.142	39.88	49.68
RTD13T1	✱	13.0	1.0	0.107	40.84	37.70
RTD13T1.1	✱	13.0	1.1	0.117	40.84	41.12
RTD13T1.2	✱	13.0	1.2	0.349	40.84	44.49
RTD13T1.4	✱	13.0	1.4	0.453	40.84	51.02
RTD13T2	✱	13.0	2.0	0.500	40.84	69.12
RTD13T4.7	✱	13.0	4.7	0.262	40.84	112.55
RTD13.7T2	✱	13.7	2.0	0.209	43.02	73.48
RTD13.8T0.5	✱	13.8	0.5	0.060	43.35	20.89
RTD14T0.65	✱	14.0	0.65	0.078	43.96	27.25
RTD14T0.7	✱	14.0	0.7	0.083	43.96	29.23

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Round Tubes

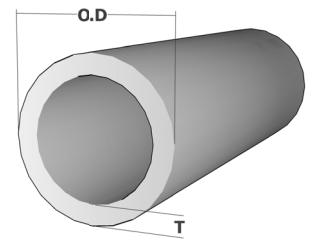


Product Code	Ex Stock	O.D (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RTD14T0.8	✱	14.0	0.8	0.095	43.96	33.16
RTD14T0.9	✱	14.0	0.9	0.106	43.96	37.02
RTD14T1.2	✱	14.0	1.2	0.138	43.96	48.26
RTD14T1.5	✱	14.0	1.5	0.168	43.96	58.88
RTD14T2	✓	14.0	2.0	0.215	44.00	75.40
RTD14T3.6	✱	14.0	3.6	0.335	44.00	117.62
RTD14.5T3.85	✱	14.5	3.85	0.367	45.55	128.81
RTD14.8T1.2	✱	14.8	1.2	0.146	46.50	51.27
RTD15T0.5	✱	15.0	0.5	0.065	47.12	22.78
RTD15T0.65	✱	15.0	0.65	0.084	47.13	29.30
RTD15T0.8	✱	15.0	0.8	0.102	47.10	35.67
RTD15T1	✱	15.0	1.0	0.125	47.12	43.98
RTD15T1.1	✱	15.0	1.1	0.137	47.13	48.04
RTD15T1.2	✱	15.0	1.2	0.148	47.10	52.00
RTD15T2	✱	15.0	2.0	0.233	47.13	81.68
RTD15T1.41	✓	15.0	1.41	0.170	47.10	59.79
RTD15T4.1	✱	15.0	4.1	0.400	47.13	140.40
RTD16T0.6	✱	16.0	0.6	0.083	50.24	29.01
RTD16T0.7	✱	16.0	0.7	0.096	50.27	33.65
RTD16T0.8	✱	16.0	0.8	0.109	50.24	38.18
RTD16T1	✱	16.0	1.0	0.134	50.24	47.10
RTD16T1.1	✱	16.0	1.1	0.147	50.24	51.47
RTD16T1.2	✱	16.0	1.2	0.159	50.24	55.77
RTD16T1.3	✓	16.0	1.3	0.171	50.24	60.00
RTD16T2	✱	16.0	2.0	0.251	50.27	88.00
RTD16T3	✱	16.0	3.0	0.349	50.27	122.52
RTD16T4	✱	16.0	4.0	0.430	50.27	150.80
RTD16T4.6	✱	16.0	4.6	0.470	50.27	164.75
RTD16.5T1.2	✱	16.5	1.2	0.164	51.81	57.65
RTD17T1	✱	17.0	1.0	0.143	53.41	50.27
RTD17T2	✱	17.0	2.0	0.269	53.41	94.25
RTD17T3	✓	17.0	3.0	0.376	53.41	132.00
RTD17T4	✱	17.0	4.0	0.466	53.41	163.36
RTD17T5.1	✱	17.0	5.1	0.543	53.41	190.66
RTD17T5.6	✱	17.0	5.6	0.572	53.41	200.56
RTD17T5.9	✱	17.0	5.9	0.586	53.41	205.74
RTD17.5T2	✱	17.5	2.0	0.277	54.99	97.39
RTD18T1	✱	18.0	1.0	0.152	56.55	53.41
RTD18T1.2	✱	18.0	1.2	0.180	56.52	63.34
RTD18T1.5	✱	18.0	1.5	0.221	56.52	77.75

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Round Tubes

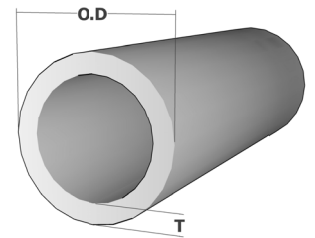


Product Code	Ex Stock	O.D (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RTD18T2	✱	18.0	2.0	0.287	56.55	100.53
RTD18T3	✓	18.0	3.0	0.403	56.55	141.37
RTD18T4	✱	18.0	4.0	0.502	56.55	176.00
RTD18T5.6	✱	18.0	5.6	0.622	56.55	218.15
RTD18T6.1	✱	18.0	6.1	0.650	56.55	228.05
RTD18.5T6.65	✱	18.5	6.7	0.706	58.12	247.57
RTD18.6T0.8	✱	18.6	0.8	0.128	58.43	44.80
RTD19T0.6	✱	19.0	0.6	0.099	59.69	34.68
RTD19T0.7	✱	19.0	0.7	0.115	59.66	40.22
RTD19T0.8	✱	19.0	0.8	0.130	59.70	45.74
RTD19T0.9	✱	19.0	0.9	0.146	59.66	51.15
RTD19T1	✱	19.0	1.0	0.161	59.66	56.52
RTD19T1.1	✱	19.0	1.1	0.176	59.66	61.83
RTD19T1.2	✓	19.0	1.2	0.191	59.66	67.07
RTD19T1.4	✓	19.0	1.4	0.221	59.66	77.37
RTD19T1.5	✱	19.0	1.5	0.235	59.66	82.43
RTD19T1.6	✓	19.0	1.6	0.249	59.66	87.42
RTD19T1.85	✱	19.0	1.85	0.284	59.66	99.62
RTD19T2	✓	19.0	2.0	0.304	59.66	106.76
RTD19T3	✓	19.0	3.0	0.430	59.69	150.80
RTD19T4	✱	19.0	4.0	0.537	60.00	188.50
RTD19T6.1	✱	19.0	6.1	0.705	59.70	247.21
RTD19T6.6	✱	19.0	6.6	0.733	59.70	257.11
RTD19.2T1.5	✱	19.2	1.5	0.238	60.29	83.37
RTD19.3T1.4	✱	19.3	1.4	0.224	60.60	78.69
RTD20T0.7	✱	20.0	0.7	0.121	62.80	42.42
RTD20T1	✱	20.0	1.0	0.170	62.80	59.66
RTD20T1.2	✓	20.0	1.2	0.202	62.80	70.84
RTD20T1.3	✱	20.0	1.3	0.218	62.80	76.37
RTD20T1.5	✱	20.0	1.5	0.248	62.80	87.18
RTD20T2	✱	20.0	2.0	0.322	62.83	113.10
RTD20T3	✓	20.0	3.0	0.457	62.83	160.22
RTD20T4	✱	20.0	4.0	0.573	62.83	201.06
RTD20T6.6	✱	20.0	6.6	0.792	62.83	277.84
RTD20T6.85	✱	20.0	6.85	0.807	62.80	282.99
RTD20T7.1	✱	20.0	7.1	0.820	62.83	287.74
RTD20.2T5.8	✱	20.2	5.8	0.748	63.43	262.39
RTD20.5T1	✱	20.5	1.0	0.175	64.40	61.26
RTD20.5T2	✱	20.5	2.0	0.331	64.40	116.24
RTD21T0.8	✱	21.0	0.8	0.145	65.94	50.74

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Round Tubes

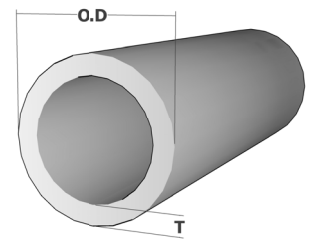


Product Code	Ex Stock	O.D (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RTD21T1	✱	21.0	1.0	0.179	66.00	62.83
RTD21T2	✱	21.0	2.0	0.340	66.00	119.40
RTD21T2.3	✱	21.0	2.3	0.385	65.94	135.05
RTD21T2.5	✱	21.0	2.5	0.414	65.97	145.30
RTD21T3	✱	21.0	3.0	0.484	66.00	169.65
RTD21T4	✓	21.0	4.0	0.609	66.00	213.63
RTD21T5	✱	21.0	5.0	0.716	66.00	251.33
RTD21T7.1	✱	21.0	7.1	0.884	65.97	310.00
RTD21T7.6	✱	21.0	7.6	0.912	66.00	319.94
RTD21.5T2	✱	21.5	2.0	0.349	67.54	122.52
RTD21.6T0.8	✱	21.6	0.8	0.149	67.86	52.34
RTD21.7T0.65	✱	21.7	0.65	0.123	68.17	43.00
RTD21.9T3	✱	21.9	3.0	0.507	68.77	178.04
RTD21.8T0.8	✱	21.8	0.8	0.150	68.45	52.75
RTD21.8T1	✱	21.8	1.0	0.186	68.45	65.34
RTD22T0.7	✱	22.0	0.7	0.133	69.08	46.82
RTD22T0.8	✱	22.0	0.8	0.152	69.12	53.30
RTD22T0.9	✱	22.0	0.9	0.170	69.08	59.63
RTD22T1	✓	22.0	1.0	0.188	69.12	65.94
RTD22T1.1	✱	22.0	1.1	0.206	69.08	72.23
RTD22T1.2	✱	22.0	1.2	0.223	69.08	78.37
RTD22T1.4	✱	22.0	1.4	0.258	69.08	90.56
RTD22T1.8	✱	22.0	1.8	0.325	69.08	114.17
RTD22T2	✱	22.0	2.0	0.358	69.08	125.60
RTD22T2.15	✱	22.0	2.15	0.382	69.08	134.01
RTD22T2.6	✱	22.0	2.6	0.451	69.08	158.38
RTD22T3	✓	22.0	3.0	0.510	69.11	179.10
RTD22T4	✱	22.0	4.0	0.645	69.11	226.20
RTD22T5	✱	22.0	5.0	0.761	69.11	267.00
RTD22T8.1	✱	22.0	8.1	1.008	69.11	353.71
RTD22.2T1.1	✱	22.2	1.1	0.208	69.71	72.88
RTD22.5T1	✱	22.5	1.0	0.192	70.70	67.54
RTD22.6T0.55	✱	22.6	0.55	0.109	71.00	38.10
RTD22.8T1.3	✱	22.8	1.3	0.250	71.59	87.76
RTD23T1	✱	23.0	1.0	0.197	72.26	69.11
RTD23T2	✱	23.0	2.0	0.376	72.26	132.00
RTD23T3	✓	23.0	3.0	0.537	72.26	188.50
RTD23T4	✱	23.0	4.0	0.680	72.26	238.76
RTD23T5	✱	23.0	5.0	0.806	72.26	282.74
RTD23T8.6	✱	23.0	8.6	1.109	72.26	389.06

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Round Tubes

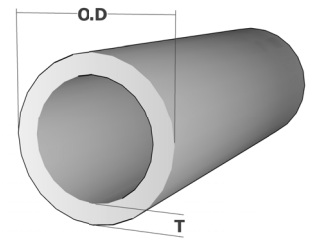


Product Code	Ex Stock	O.D (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RTD23.9T1	✱	23.9	1.0	0.205	75.05	71.91
RTD24T1	✱	24.0	1.0	0.206	75.40	72.26
RTD24T2	✓	24.0	2.0	0.394	75.40	138.23
RTD24T2.5	✱	24.0	2.5	0.481	75.40	168.86
RTD24T3	✱	24.0	3.0	0.564	75.40	197.92
RTD24T4	✱	24.0	4.0	0.716	75.40	251.33
RTD24T5	✱	24.0	5.0	0.851	75.40	298.45
RTD24T6	✱	24.0	6.0	0.967	75.40	339.30
RTD24T7	✱	24.0	7.0	1.065	75.40	373.85
RTD24T9.1	✱	24.0	9.1	1.214	75.40	426.00
RTD24.5T1.25	✱	24.5	1.25	0.260	77.00	91.30
RTD24.5T2	✱	24.5	2.0	0.403	76.97	141.37
RTD24.8T1.7	✱	24.8	1.7	0.352	77.90	123.40
RTD24.8T1.9	✱	24.8	1.9	0.389	77.87	136.62
RTD24.8T1.1	✱	24.8	1.1	0.234	78.19	82.21
RTD24.9T1.2	✱	24.9	1.2	0.255	78.19	89.30
RTD25T0.7	✱	25.0	0.7	0.152	78.54	53.44
RTD25T0.8	✱	25.0	0.8	0.173	78.50	60.79
RTD25T0.9	✱	25.0	0.9	0.194	78.50	68.11
RTD25T1	✱	25.0	1.0	0.215	78.50	75.36
RTD25T1.1	✱	25.0	1.1	0.235	78.50	82.55
RTD25T1.2	✱	25.0	1.2	0.256	78.50	89.68
RTD25T1.4	✱	25.0	1.4	0.296	78.50	103.75
RTD25T1.5	✱	25.0	1.5	0.315	78.50	110.69
RTD25T1.8	✱	25.0	1.8	0.374	78.50	131.13
RTD25T1.9	✓	25.0	1.9	0.393	78.50	137.82
RTD25T2	✱	25.0	2.0	0.412	78.54	144.51
RTD25T2.5	✱	25.0	2.5	0.503	78.50	176.63
RTD25T3	✓	25.0	3.0	0.591	78.50	207.24
RTD25T4	✱	25.0	4.0	0.752	78.54	263.90
RTD25T5	✱	25.0	5.0	0.895	78.50	314.00
RTD25T5.5	✱	25.0	5.5	0.960	78.54	336.94
RTD25T6	✱	25.0	6.0	1.020	78.50	357.96
RTD25T7.3	✱	25.0	7.3	1.156	78.50	405.72
RTD25T8.25	✱	25.0	8.25	1.237	78.50	433.91
RTD25T9.1	✱	25.0	9.1	1.295	78.50	454.33
RTD25T9.6	✱	25.0	9.6	1.324	78.50	464.45
RTD25.4T1	✱	25.4	1.0	0.218	79.76	76.62
RTD25.4T1.2	✓	25.4	1.2	0.260	79.76	91.19
RTD25.4T2.8	✱	25.4	2.8	0.566	79.76	198.70

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Round Tubes

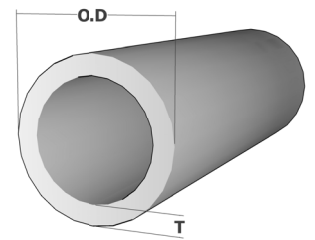


Product Code	Ex Stock	O.D (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RTD25.5T1	✱	25.5	1.0	0.219	80.11	77.00
RTD25.5T2	✱	25.5	2.0	0.421	80.11	147.66
RTD25.6T1.4	✱	25.6	1.4	0.303	80.38	106.38
RTD25.9T1.3	✱	25.9	1.3	0.286	81.33	100.42
RTD26T1	✱	26.0	1.0	0.224	81.68	78.54
RTD26T2	✱	26.0	2.0	0.430	81.68	150.80
RTD26T3	✓	26.0	3.0	0.617	81.68	216.66
RTD26T4	✱	26.0	4.0	0.788	81.68	276.46
RTD26T5	✱	26.0	5.0	0.940	81.68	329.87
RTD26T7	✱	26.0	7.0	1.191	81.68	417.83
RTD26T8.7	✱	26.0	8.7	1.347	81.64	472.60
RTD26T10.1	✱	26.0	10.1	1.438	81.68	504.51
RTD26.2T1.7	✱	26.2	1.7	0.373	82.27	130.78
RTD26.3T2	✱	26.3	2.0	0.435	82.58	152.60
RTD27T0.7	✱	27.0	0.7	0.165	84.82	57.84
RTD27T1	✱	27.0	1.0	0.233	84.82	81.68
RTD27T1.2	✱	27.0	1.2	0.277	84.78	97.21
RTD27T2	✱	27.0	2.0	0.448	84.82	157.10
RTD27T2.2	✱	27.0	2.2	0.489	84.78	171.41
RTD27T3	✓	27.0	3.0	0.645	84.82	226.20
RTD27T4	✱	27.0	4.0	0.823	84.78	288.88
RTD27T5	✱	27.0	5.0	0.985	84.82	345.58
RTD27T10.6	✱	27.0	10.6	1.556	84.80	546.14
RTD27.2T4.5	✱	27.2	4.5	0.914	85.41	320.75
RTD27.5T1	✱	27.5	1.0	0.237	86.40	83.25
RTD27.5T2	✱	27.5	2.0	0.457	86.40	160.22
RTD27.6T1.3	✱	27.6	1.3	0.306	86.70	107.41
RTD27.8T1	✱	27.8	1.0	0.240	87.30	84.20
RTD27.9T0.55	✱	27.9	0.55	0.135	87.61	47.23
RTD28T0.8	✱	28.0	0.8	0.195	87.92	68.33
RTD28T1	✱	28.0	1.0	0.242	87.92	84.78
RTD28T1.1	✱	28.0	1.1	0.265	87.92	92.91
RTD28T1.5	✱	28.0	1.5	0.356	87.92	124.82
RTD28T1.8	✱	28.0	1.8	0.422	87.92	148.08
RTD28T2	✱	28.0	2.0	0.466	88.00	163.36
RTD28T2.2	✱	28.0	2.2	0.508	88.00	178.32
RTD28T3	✱	28.0	3.0	0.672	88.00	235.62
RTD28T3.2	✱	28.0	3.2	0.710	87.92	249.19
RTD28T4	✓	28.0	4.0	0.859	87.92	301.44
RTD28T5	✱	28.0	5.0	1.030	88.00	361.28

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Round Tubes

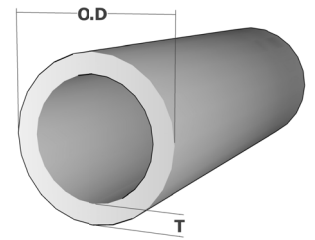


Product Code	Ex Stock	O.D (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RTD28T6.9	✱	28.0	6.9	1.304	88.00	457.39
RTD28T11.1	✱	28.0	11.1	1.680	88.00	589.33
RTD28.3T1	✱	28.3	1.0	0.244	88.86	85.72
RTD28.5T2.2	✱	28.5	2.2	0.518	89.49	181.68
RTD28.6T0.8	✱	28.6	0.8	0.199	89.80	69.90
RTD28.7T2.5	✓	28.7	2.5	0.586	90.12	205.67
RTD29T0.75	✱	29.0	0.75	0.190	91.11	66.56
RTD29T1.1	✱	29.0	1.1	0.275	91.06	96.37
RTD29T2	✱	29.0	2.0	0.484	91.11	169.65
RTD29T3	✱	29.0	3.0	0.699	91.11	245.10
RTD29T4	✱	29.0	4.0	0.895	91.11	314.20
RTD29T5	✱	29.0	5.0	1.074	91.11	377.00
RTD29T11.6	✱	29.0	11.6	1.807	91.11	634.10
RTD29.4T1.7	✱	29.4	1.7	0.421	92.32	147.86
RTD29.8T1.9	✱	29.8	1.9	0.474	93.57	166.45
RTD30T1	✱	30.0	1.0	0.260	94.20	91.06
RTD30T1.25	✱	30.0	1.25	0.322	94.25	112.90
RTD30T1.5	✓	30.0	1.5	0.383	94.20	134.34
RTD30T2	✱	30.0	2.0	0.501	94.25	175.93
RTD30T3	✓	30.0	3.0	0.725	94.20	254.34
RTD30T4	✱	30.0	4.0	0.931	94.25	326.73
RTD30T5	✱	30.0	5.0	1.119	94.25	392.70
RTD30T12.1	✱	30.0	12.1	1.939	94.25	680.44
RTD30.5T2.5	✱	30.5	2.5	0.627	95.82	219.91
RTD31T2	✱	31.0	2.0	0.519	97.40	182.21
RTD31T3	✱	31.0	3.0	0.752	97.40	263.90
RTD31T3.25	✱	31.0	3.25	0.807	97.34	283.19
RTD31T4	✱	31.0	4.0	0.967	97.40	339.29
RTD31T5	✓	31.0	5.0	1.164	97.40	408.40
RTD31T12.6	✱	31.0	12.6	2.076	97.40	728.35
RTD31.5T2	✱	31.5	2.0	0.528	98.91	185.26
RTD31.5T3	✱	31.5	3.0	0.765	98.91	268.47
RTD31.6T1.8	✱	31.6	1.8	0.480	99.22	168.43
RTD31.8T3.15	✱	31.8	3.15	0.808	99.85	283.38
RTD32T0.8	✱	32.0	0.8	0.223	100.48	78.37
RTD32T1.2	✱	32.0	1.2	0.331	100.48	116.05
RTD32T1.4	✱	32.0	1.4	0.383	100.48	134.52
RTD32T1.5	✱	32.0	1.5	0.409	100.48	143.66
RTD32T1.6	✓	32.0	1.6	0.435	100.48	152.73
RTD32T2	✱	32.0	2.0	0.537	100.48	188.40

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Round Tubes

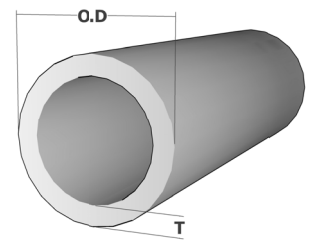


Product Code	Ex Stock	O.D (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RTD32T2.5	✱	32.0	2.5	0.660	100.48	231.58
RTD32T3	✓	32.0	3.0	0.779	100.48	273.18
RTD32T3.2	✱	32.0	3.2	0.825	100.48	289.38
RTD32T4	✱	32.0	4.0	1.003	100.53	351.86
RTD32T5	✱	32.0	5.0	1.208	100.48	423.90
RTD32T7	✱	32.0	7.0	1.566	100.48	549.50
RTD32T8	✱	32.0	8.0	1.719	100.53	603.19
RTD32T13.1	✱	32.0	13.1	2.217	100.31	777.83
RTD32.6T1.2	✱	32.6	1.2	0.337	102.36	118.32
RTD33T2	✱	33.0	2.0	0.555	103.67	194.78
RTD33T3	✱	33.0	3.0	0.806	103.67	282.74
RTD33T4	✱	33.0	4.0	1.039	103.67	364.42
RTD33T5	✱	33.0	5.0	1.253	103.67	439.80
RTD33T13.6	✱	33.0	13.6	2.362	103.67	828.88
RTD33.8T4.8	✓	33.8	4.8	1.246	106.13	437.09
RTD34T1	✱	34.0	1.0	0.295	106.76	103.62
RTD34T1.8	✱	34.0	1.8	0.519	106.76	181.99
RTD34T2	✱	34.0	2.0	0.573	106.76	200.96
RTD34T2.5	✱	34.0	2.5	0.705	106.80	247.40
RTD34T3	✱	34.0	3.0	0.832	106.76	292.02
RTD34T4	✱	34.0	4.0	1.074	106.76	376.80
RTD34T5	✓	34.0	5.0	1.298	106.81	455.53
RTD35T0.55	✱	35.0	0.55	0.170	109.96	59.53
RTD35T0.6	✱	35.0	0.6	0.185	109.90	64.81
RTD35T0.75	✱	35.0	0.75	0.230	109.90	80.66
RTD35T1.1	✱	35.0	1.1	0.334	109.90	117.09
RTD35T1.5	✱	35.0	1.5	0.450	109.90	157.79
RTD35T1.8	✱	35.0	1.8	0.535	109.90	187.65
RTD35T2	✱	35.0	2.0	0.591	109.90	207.24
RTD35T4	✱	35.0	4.0	1.110	110.00	389.56
RTD35T5	✱	35.0	5.0	1.343	110.00	471.24
RTD35T6.5	✱	35.0	6.5	1.658	109.90	581.67
RTD35T12.3	✱	35.0	12.3	2.499	109.90	876.72
RTD35.2T0.8	✱	35.2	0.8	0.246	110.53	86.41
RTD35.4T1.4	✱	35.4	1.4	0.426	111.16	149.46
RTD35.5T0.8	✱	35.5	0.8	0.248	111.47	87.17
RTD35.5T0.9	✱	35.5	0.9	0.279	111.47	97.78
RTD35.5T1.2	✱	35.5	1.2	0.368	111.47	129.24
RTD35.8T2	✱	35.8	2.0	0.605	112.41	212.26
RTD36T0.8	✱	36.0	0.8	0.252	113.04	88.42

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Round Tubes

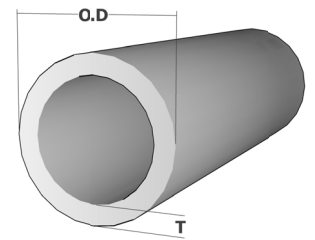


Product Code	Ex Stock	O.D (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RTD36T1.2	✱	36.0	1.2	0.374	113.04	131.13
RTD36T1.25	✱	36.0	1.25	0.389	113.10	136.46
RTD36T2	✓	36.0	2.0	0.609	113.10	213.63
RTD36T4	✱	36.0	4.0	1.146	113.10	402.12
RTD36T5	✱	36.0	5.0	1.388	113.10	487.00
RTD36.5T8.75	✱	36.5	8.75	2.174	114.67	762.82
RTD36.7T1.1	✱	36.7	1.1	0.350	115.24	122.96
RTD37T13.4	✱	37.0	13.4	2.830	116.18	992.99
RTD37T5	✱	37.0	5.0	1.433	116.24	502.66
RTD38T1	✱	38.0	1.0	0.331	119.32	116.18
RTD38T1.1	✱	38.0	1.1	0.363	119.32	127.45
RTD38T1.4	✓	38.0	1.4	0.459	119.32	160.89
RTD38T1.8	✱	38.0	1.8	0.583	119.32	204.60
RTD38T2.5	✱	38.0	2.5	0.794	119.32	278.68
RTD38T2.9	✱	38.0	2.9	0.911	119.32	319.62
RTD38T3	✓	38.0	3.0	0.940	119.32	329.70
RTD38T3.5	✱	38.0	3.5	1.081	119.32	379.16
RTD38T8	✱	38.0	8.0	2.149	119.32	753.98
RTD38.1T3	✱	38.1	3.0	0.942	119.63	330.64
RTD38.4T1.1	✱	38.4	1.1	0.367	120.58	128.83
RTD39T1.05	✱	39.0	1.05	0.357	122.46	125.12
RTD39T4	✱	39.0	4.0	1.253	122.46	439.60
RTD39.12T1.36	✱	39.12	1.36	0.460	122.90	161.50
RTD40T0.9	✱	40.0	0.9	0.315	125.66	110.55
RTD40T1.05	✱	40.0	1.05	0.366	125.60	128.42
RTD40T1.25	✱	40.0	1.25	0.434	125.70	152.17
RTD40T1.5	✱	40.0	1.5	0.517	125.60	181.34
RTD40T2	✱	40.0	2.0	0.680	125.66	238.76
RTD40T3	✱	40.0	3.0	0.994	125.66	348.72
RTD40T4	✓	40.0	4.0	1.289	125.66	452.16
RTD40T5	✱	40.0	5.0	1.567	125.66	549.78
RTD40.5T0.8	✱	40.5	0.8	0.284	127.80	99.73
RTD40.7T0.75	✱	40.7	0.75	0.268	127.80	94.08
RTD41T0.8	✱	41.0	0.8	0.288	128.74	100.98
RTD41T0.9	✱	41.0	0.9	0.323	128.74	113.32
RTD41T1.2	✱	41.0	1.2	0.427	128.74	149.97
RTD41T1.5	✱	41.0	1.5	0.530	128.74	186.14
RTD41T4	✱	41.0	4.0	1.325	128.74	465.00
RTD41T5	✱	41.0	5.0	1.611	128.74	565.20
RTD41.8T0.8	✱	41.8	0.8	0.294	131.25	102.99

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Round Tubes

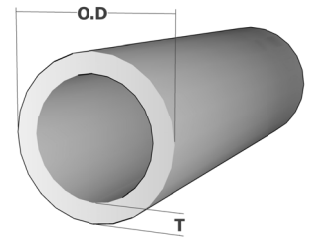


Product Code	Ex Stock	O.D (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RTD41.8T2.8	✱	41.8	2.8	0.977	131.25	342.89
RTD42T1.1	✱	42.0	1.1	0.403	131.88	141.27
RTD42T1.2	✱	42.0	1.2	0.438	131.88	153.73
RTD42T1.4	✱	42.0	1.4	0.509	131.88	178.48
RTD42T9	✱	42.0	9.0	2.658	131.88	932.58
RTD43T1.5	✱	43.0	1.5	0.557	135.02	195.47
RTD43T2	✱	43.0	2.0	0.734	135.02	257.48
RTD43T2.5	✱	43.0	2.5	0.906	135.02	317.93
RTD43T3	✱	43.0	3.0	1.074	135.02	376.80
RTD43.3T2.8	✱	43.3	2.8	1.015	135.96	356.08
RTD43.5T0.6	✱	43.5	0.6	0.230	136.66	80.86
RTD44T1.25	✱	44.0	1.25	0.478	138.20	167.88
RTD44T3.2	✱	44.0	3.2	1.168	138.16	409.96
RTD45T1	✱	45.0	1.0	0.394	141.30	138.16
RTD45T1.15	✱	45.0	1.15	0.451	141.30	158.34
RTD45T1.35	✱	45.0	1.35	0.527	141.30	185.03
RTD45T1.6	✱	45.0	1.6	0.621	141.30	218.04
RTD45T3	✓	45.0	3.0	1.128	141.30	395.64
RTD47T5	✱	47.0	5.0	1.879	147.58	659.40
RTD48T1.25	✱	48.0	1.25	0.523	150.80	183.59
RTD48T1.5	✓	48.0	1.5	0.624	150.72	219.02
RTD48.4T2.6	✓	48.4	2.6	1.066	151.98	373.91
RTD49.5T0.8	✱	49.5	0.8	0.349	155.43	122.33
RTD49.5T1.4	✱	49.5	1.4	0.603	155.43	211.45
RTD49.5T1.5	✱	49.5	1.5	0.644	155.43	226.08
RTD49.7T3	✱	49.7	3.0	1.254	156.06	439.91
RTD49.8T1.9	✓	49.8	1.9	0.814	156.37	285.77
RTD50T1	✱	50.0	1.0	0.439	157.00	153.86
RTD50T1.2	✱	50.0	1.2	0.524	157.00	183.88
RTD50T1.4	✱	50.0	1.4	0.609	157.00	213.65
RTD50T1.5	✱	50.0	1.5	0.651	157.00	228.44
RTD50T2.5	✱	50.0	2.5	1.063	157.00	372.88
RTD50T2.7	✱	50.0	2.7	1.143	157.00	401.01
RTD50T2.8	✱	50.0	2.8	1.183	157.00	414.98
RTD50T3	✓	50.0	3.0	1.262	157.00	442.74
RTD50T3.5	✱	50.0	3.5	1.456	157.00	511.29
RTD50T3.8	✱	50.0	3.8	1.571	157.00	551.26
RTD50T4	✓	50.0	4.0	1.647	157.00	577.76
RTD50T5	✓	50.0	5.0	2.014	157.00	706.50
RTD50T5.5	✱	50.0	5.5	2.190	157.00	768.52

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Round Tubes

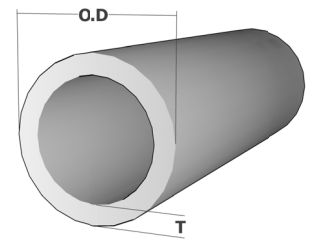


Product Code	Ex Stock	O.D (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RTD50T9.7	✱	50.0	9.7	3.498	157.00	1227.46
RTD50.8T3.0	✱	50.8	3.0	1.284	159.59	450.50
RTD51.5T2.5	✱	51.5	2.5	1.097	161.79	384.85
RTD52T1.25	✱	52.0	1.25	0.568	163.40	199.29
RTD53.8T0.6	✱	53.8	0.6	0.286	169.00	100.28
RTD54T0.7	✱	54.0	0.7	0.334	169.56	117.15
RTD54.5T3.2	✱	54.5	3.2	1.469	171.13	515.46
RTD56T1.25	✱	56.0	1.25	0.613	175.90	215.00
RTD56T15.5	✱	56.0	15.5	5.621	175.93	1972.14
RTD56.5T3	✱	56.5	3.0	1.437	177.50	1972.14
RTD57T4	✓	57.0	4.0	1.897	178.98	665.68
RTD59.7T3	✱	59.7	3.0	1.522	187.46	534.11
RTD60T1.25	✱	60.0	1.25	0.658	188.50	230.71
RTD60T1.5	✱	60.0	1.5	0.785	188.40	275.54
RTD60T5	✓	60.0	5.0	2.461	188.40	863.50
RTD60T9	✱	60.0	9.0	4.110	188.50	1442.00
RTD60.9T8	✱	60.9	8.0	3.789	190.32	1329.52
RTD63T1.5	✱	63.0	1.5	0.826	197.82	289.67
RTD63T6.5	✓	63.0	6.5	3.288	197.92	1153.75
RTD63.5T3	✱	63.5	3.0	1.625	199.49	570.20
RTD64T0.8	✱	64.0	0.8	0.452	200.96	158.76
RTD64T1.25	✱	64.0	1.25	0.702	201.10	246.42
RTD67.4T0.7	✱	67.4	0.7	0.418	211.74	146.68
RTD68T1.25	✱	68.0	1.25	0.747	213.60	262.13
RTD70T2	✱	70.0	2.0	1.217	219.80	427.04
RTD70T4	✓	70.0	4.0	2.363	219.80	828.96
RTD72T0.8	✱	72.0	0.8	0.510	226.08	178.85
RTD72T1.25	✱	72.0	1.25	0.792	226.20	277.83
RTD75T1.8	✓	75.0	1.8	1.180	235.60	413.90
RTD75T3	✓	75.0	3.0	1.933	235.50	678.24
RTD76T0.61	✱	76.0	0.61	0.412	238.76	144.48
RTD76T0.72	✱	76.0	0.72	0.485	238.76	170.28
RTD76T0.77	✱	76.0	0.77	0.519	238.76	181.98
RTD76T0.8	✱	76.0	0.8	0.538	238.64	188.90
RTD76T0.9	✱	76.0	0.9	0.605	238.64	212.23
RTD76T1	✱	76.0	1.0	0.671	238.64	235.50
RTD76T1.2	✱	76.0	1.2	0.803	238.64	281.85
RTD76T1.4	✱	76.0	1.4	0.935	238.64	327.94
RTD76T1.5	✱	76.0	1.5	1.000	238.64	350.90
RTD76T4	✓	76.0	4.0	2.577	238.64	904.32

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Round Tubes

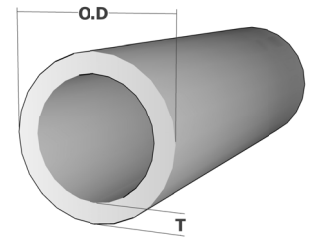


Product Code	Ex Stock	O.D (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RTD76T5	✱	76.0	5.0	3.179	238.64	1115.27
RTD76.2T1.3	✱	76.2	1.3	0.872	239.40	305.90
RTD80T10	✓	80.0	10.0	6.267	251.33	2199.11
RTD80T12.5	✱	80.0	12.5	7.555	251.33	2650.72
RTD80T15	✱	80.0	15.0	8.730	251.33	3063.05
RTD80T22.5	✱	80.0	22.5	11.584	251.33	4064.44
RTD80.4T1.3	✱	80.4	1.3	0.921	252.60	323.05
RTD80.6T0.8	✱	80.6	0.8	0.572	253.21	200.56
RTD84.8T1.3	✱	84.8	1.3	0.972	266.40	341.02
RTD85T12.5	✱	85.0	12.5	8.114	267.04	2847.07
RTD85T15	✱	85.0	15.0	9.401	267.04	3298.67
RTD85T17.5	✱	85.0	17.5	10.576	267.04	3711.01
RTD85T25	✱	85.0	25.0	13.430	267.04	4712.39
RTD88.9T5.3	✱	88.9	5.3	3.967	279.46	1391.98
RTD89T4	✓	89.0	4.0	3.043	279.46	1067.60
RTD89T5	✱	89.0	5.0	3.760	279.46	1319.47
RTD89.6T1.5	✱	89.6	1.5	1.183	281.50	415.16
RTD90T2	✱	90.0	2.0	1.575	282.60	552.64
RTD90T15	✱	90.0	15.0	10.073	282.74	3534.29
RTD90T17.5	✱	90.0	17.5	11.360	282.74	3985.90
RTD90T20	✱	90.0	20.0	12.535	282.74	4398.23
RTD90T27.5	✱	90.0	27.5	15.389	282.74	5399.61
RTD94T1.5	✱	94.0	1.5	1.242	295.31	435.90
RTD95T0.8	✱	95.0	0.8	0.674	298.30	236.63
RTD95T17.5	✱	95.0	17.5	12.143	298.45	4260.47
RTD95T20	✱	95.0	20.0	13.430	298.45	4712.39
RTD95T22.5	✱	95.0	22.5	14.605	298.45	5124.72
RTD95T30	✱	95.0	30.0	17.459	298.45	6126.11
RTD97T1	✱	97.0	1.0	0.860	304.74	301.59
RTD97T1.1	✱	97.0	1.1	0.944	304.58	331.24
RTD100T4	✓	100.0	4.0	3.436	314.00	1205.76
RTD100T5	✱	100.0	5.0	4.251	314.00	1491.50
RTD100T10	✓	100.0	10.0	8.058	314.16	2827.43
RTD100T20	✱	100.0	20.0	14.326	314.16	5026.55
RTD100T22.5	✱	100.0	22.5	15.613	314.16	5478.15
RTD100T25	✱	100.0	25.0	16.788	314.16	5890.49
RTD100T32.5	✱	100.0	32.5	19.642	314.16	6891.87
RTD102T0.9	✱	102.0	0.9	0.814	320.28	285.71
RTD102T1	✱	102.0	1.0	0.904	320.28	317.14
RTD102T2	✱	102.0	2.0	1.790	320.28	628.00

"✓" Stocked Item
 "*" Pre-order Only Item
 (30-40 working days delivery)



Round Tubes

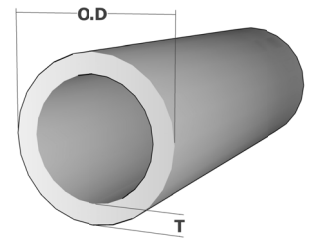


Product Code	Ex Stock	O.D (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RTD102T3	*	102.0	3.0	2.659	320.28	933.05
RTD108T5	*	108.0	5.0	4.609	339.12	1617.10
RTD110T10	✓	110.0	10.0	8.954	345.57	3141.59
RTD110T15	*	110.0	15.0	12.759	345.58	4476.77
RTD110T25	*	110.0	25.0	19.026	345.58	6675.88
RTD110T27.5	*	110.0	27.5	20.313	345.58	7127.49
RTD110T30	*	110.0	30.0	21.488	345.58	7539.82
RTD110T37.5	*	110.0	37.5	24.342	345.58	8541.24
RTD114.3T2.8	*	114.3	2.8	2.795	359.10	980.81
RTD115.8T1.9	*	115.8	1.9	1.938	363.80	679.87
RTD117.9T1.2	*	117.9	1.2	1.254	370.40	439.95
RTD120T2.5	*	120.0	2.5	2.629	376.80	922.38
RTD120T4	✓	120.0	4.0	4.152	376.80	1456.96
RTD120T10	✓	120.0	10.0	9.849	376.80	3455.75
RTD120T15	*	120.0	15.0	14.102	377.00	4948.00
RTD120T20	*	120.0	20.0	17.907	377.00	6283.19
RTD120T30	*	120.0	30.0	24.175	377.00	8482.30
RTD120T32.5	*	120.0	32.5	25.462	377.00	8933.90
RTD120T35	*	120.0	35.0	26.637	377.00	9346.23
RTD120T42.5	*	120.0	42.5	29.491	377.00	10347.62
RTD127T2	✓	127.0	2.0	2.237	398.78	785.00
RTD130T10	✓	130.0	10.0	10.744	408.41	3769.91
RTD130T15	*	130.0	15.0	15.445	408.41	5419.25
RTD130T20	*	130.0	20.0	19.698	408.41	6911.50
RTD130T25	*	130.0	25.0	23.503	408.41	8246.68
RTD130T35	*	130.0	35.0	29.771	408.41	10445.80
RTD130T37.5	*	130.0	37.5	31.058	408.41	10897.40
RTD130T40	*	130.0	40.0	32.233	408.41	11309.73
RTD130T47.5	*	130.0	47.5	35.087	408.41	12311.12
RTD133T5	✓	133.0	5.0	5.727	417.62	2009.60
RTD134T1.4	*	134.0	1.4	1.661	420.76	582.91
RTD134T2.4	*	134.0	2.4	2.826	420.76	991.74
RTD140T15	*	140.0	15.0	16.788	439.82	5890.49
RTD140T20	*	140.0	20.0	21.488	439.82	7539.82
RTD140T25	*	140.0	25.0	25.741	439.82	9032.10
RTD140T30	*	140.0	30.0	29.547	439.82	10367.26
RTD140T40	*	140.0	40.0	35.814	439.82	12566.37
RTD140T42.5	*	140.0	42.5	37.101	439.82	13017.97
RTD140T45	*	140.0	45.0	38.276	439.82	13430.31
RTD140T52.5	*	140.0	52.5	41.130	439.82	14431.69

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Round Tubes

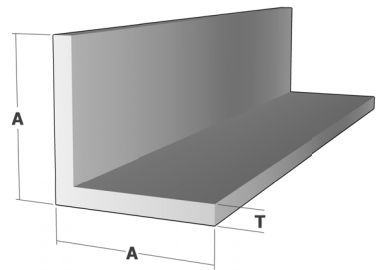


Product Code	Ex Stock	O.D (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
RTD141T45	✱	141.0	2.0	2.489	443.00	873.36
RTD150T2	✱	150.0	2.0	2.649	471.24	929.44
RTD150T5	✓	150.0	5.0	6.488	471.24	2276.50
RTD150T10	✓	150.0	10.0	12.535	471.24	4398.23
RTD150T15	✱	150.0	15.0	18.131	471.24	6361.73
RTD150T20	✱	150.0	20.0	23.279	471.24	8168.14
RTD150T25	✱	150.0	25.0	27.980	471.24	9817.48
RTD150T30	✱	150.0	30.0	32.233	471.24	11309.73
RTD150T40	✱	150.0	40.0	39.396	471.24	13823.01
RTD159T6	✓	159.0	6.0	8.215	499.26	2882.52
RTD160T10	✓	160.0	10.0	13.430	502.65	4712.39
RTD160T15	✱	160.0	15.0	19.474	502.65	6832.96
RTD160T20	✱	160.0	20.0	25.070	502.65	8796.46
RTD160T25	✱	160.0	25.0	30.218	502.65	10602.88
RTD160T30	✱	160.0	30.0	34.919	502.65	12252.21
RTD160T35	✱	160.0	35.0	39.172	502.65	13744.47
RTD160T45	✱	160.0	45.0	46.335	502.65	16257.74
RTD162.5T38.5	✱	162.5	38.5	42.744	510.51	14997.96
RTD170T10	✱	170.0	10.0	14.326	534.07	5026.55
RTD170T15	✱	170.0	15.0	20.817	534.07	7304.20
RTD170T20	✱	170.0	20.0	26.861	534.07	9424.78
RTD170T25	✱	170.0	25.0	32.457	534.07	11388.27
RTD170T30	✱	170.0	30.0	37.605	534.07	13194.69
RTD170T35	✱	170.0	35.0	42.305	534.07	14844.03
RTD170T40	✱	170.0	40.0	46.558	534.07	16336.28
RTD170T50	✱	170.0	50.0	53.721	534.07	18849.56
RTD170.4T1.7	✱	170.4	1.7	2.568	535.33	900.98
RTD180T10	✓	180.0	10.0	15.221	565.49	5340.71
RTD180T12.5	✱	180.0	12.5	18.746	565.49	6577.71
RTD180T20	✱	180.0	20.0	28.651	565.49	10053.10
RTD180T25	✱	180.0	25.0	34.695	565.49	12173.67
RTD180T30	✱	180.0	30.0	40.291	565.49	14137.17
RTD180T35	✱	180.0	35.0	45.439	565.49	15943.58
RTD180T40	✱	180.0	40.0	50.140	565.49	17592.92
RTD180T45	✱	180.0	45.0	54.393	565.49	19085.18
RTD180T55	✱	180.0	55.0	61.556	565.49	21598.45
RTD182T15	✱	182.0	15.0	22.429	571.77	7869.69
RTD185T12.5	✱	185.0	12.5	19.306	581.20	6774.06
RTD185T15	✱	185.0	15.0	22.832	581.20	8011.06
RTD185T22.5	✱	185.0	22.5	32.736	581.20	11486.45

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Equal Angles

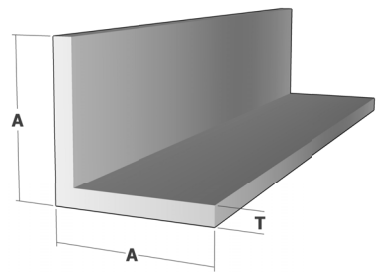


Product Code	Ex Stock	A (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
EAA9T0.6	*	9.0	0.6	0.030	36.00	10.40
EAA10T1.6	*	10.0	1.6	0.084	40.00	29.44
EAA11T1.2	*	11.0	1.2	0.073	44.00	25.64
EAA12T1.2	*	12.0	1.2	0.078	48.00	27.36
EAA12T1.6	✓	12.0	1.6	0.102	47.00	35.70
EAA12T3	✓	12.0	3.0	0.179	47.00	62.92
EAA12.5T0.6	*	12.5	0.6	0.042	50.00	14.60
EASA15T1.2	✓	15.0	1.2	0.097	60.00	34.12
EAA16 T1.5	✓	16.0	1.5	0.130	63.00	45.60
EAA19T0.65	*	19.0	0.65	0.069	76.00	24.20
EASA19T1.5	✓	19.0	1.5	0.155	76.00	54.30
EAA19T1.9	✓	19.0	1.9	0.195	76.00	68.50
EAA20T0.8	*	20.0	0.8	0.089	80.00	31.22
EAA20T1.5	*	20.0	1.5	0.163	80.00	57.27
EAA20T1.6	✓	20.0	1.6	0.175	80.00	61.44
EASA20T3	✓	20.0	3.0	0.322	77.00	113.14
EAA22T1.1	✓	22.0	1.1	0.135	88.00	47.20
EASA25T1.4	*	25.0	1.4	0.194	100.00	68.04
EASA25T1.5	✓	25.0	1.5	0.206	100.00	72.30
EAA25T2.5	✓	25.0	2.5	0.217	79.50	76.00
EAA25T3	✓	25.0	3.0	0.400	99.00	140.52
EAA25.4T1.9	*	25.4	1.9	0.153	70.00	53.76
EASA29.5T3	*	29.5	3.0	0.473	118.00	166.00
EAA30T1	*	30.0	1.0	0.168	120.00	58.90
EAA30T1.5	✓	30.0	1.5	0.250	119.23	87.67
EAA30T2.0	*	30.0	2.0	0.331	120.00	116.00
EAA30T2.5	*	30.0	2.5	0.409	120.00	143.35
EAA30T3	✓	30.0	3.0	0.487	120.00	171.00
GM-LZY-42	✓	30.0	3.0	0.487	120.00	171.00
EASA30T3	✓	30.0	3.0	0.487	120.00	171.00
EAA30T4	✓	30.0	4.0	0.638	120.00	223.70
EAA30T4.5	*	30.0	4.5	0.712	119.00	249.67
EAA30T5.5	*	30.0	5.5	0.854	119.00	299.67
EAA35T1.5	✓	35.0	1.5	0.293	140.00	102.75
EAA37.8T1.8	*	37.8	1.8	0.378	151.00	132.80
EASA38T1.5	✓	38.0	1.5	0.317	152.00	111.30
EAA38T3	*	38.0	3.0	0.624	152.00	218.92
EAA40T1.6	✓	40.0	1.6	0.357	159.00	125.36
EAA40T2	*	40.0	2.0	0.445	160.00	156.00
EAA40T3	✓	40.0	3.0	0.658	160.00	231.00

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Equal Angles



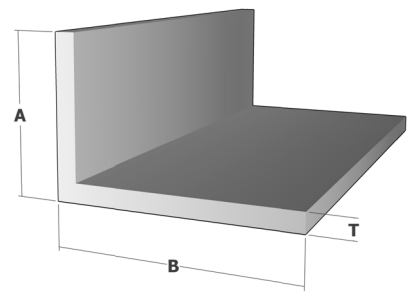
Product Code	Ex Stock	A (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
EAA40T4	*	40.0	4.0	0.866	160.00	304.00
EAA40T6	✓	40.0	6.0	1.270	160.00	444.00
EASA40T7	*	40.0	7.0	1.448	159.00	508.23
EAA50T1.6	✓	50.0	1.6	0.449	200.00	157.44
EAA50T2	✓	50.0	2.0	0.559	200.00	196.00
EAA50T3	✓	50.0	3.0	0.829	200.00	291.00
EAA50T4	✓	50.0	4.0	1.094	200.00	384.00
EAA50T4.7	*	50.0	4.7	1.276	200.00	447.80
EAA50T6	✓	50.0	6.0	1.607	199.00	563.92
EASA55T5	*	55.0	5.0	1.511	217.00	530.27
EASA60T1.5	✓	60.0	1.5	0.507	240.00	177.75
EASA60T2	✓	60.0	2.0	0.673	240.00	236.00
EASA60T5	*	60.0	5.0	1.592	240.00	558.54
EAA60T6	✓	60.0	6.0	1.949	240.00	684.00
EAA64T15	*	64.0	15.0	4.844	253.00	1699.80
EAA65T6	✓	65.0	6.0	2.120	260.00	744.00
EAA75T3	✓	75.0	3.0	1.257	300.00	441.00
EAA75T6	✓	75.0	6.0	2.462	300.00	864.00
EAA75T12	*	75.0	12.0	4.720	300.00	1656.00
EAA100T3	✓	80.0	6.0	2.633	320.00	924.00
EAA100T6	✓	90.0	6.0	2.975	360.00	1044.00
EAA100T3	✓	100.0	3.0	1.684	400.00	591.00
EAA100T6	✓	100.0	6.0	3.317	399.00	1163.80
EAA120T10	✓	120.0	10.0	6.555	480.00	2300.00
EAA150T10	✓	150.0	10.0	8.265	599.00	2899.92
EAA200T20	*	200.0	20.0	21.660	800.00	7600.00

"✓" Stocked Item

"✱" Pre-order Only Item
(30-40 working days delivery)



Unequal Angles

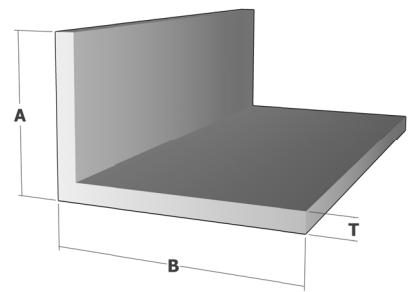


Product Code	Ex Stock	A (mm)	B (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
UAA10B5T1	*	10.0	5.0	1.0	0.040	29.23	13.92
UAA15B10T1	*	15.0	10.0	1.0	0.068	50.00	24.00
UAA18B10T1	✓	18.0	10.0	1.0	0.077	56.00	27.00
UAA19B8T1.5	*	19.0	8.0	1.5	0.105	52.98	36.82
UAA20B11T1.5	*	20.0	11.0	1.5	0.126	62.00	44.25
UAA20B11.5T2	*	20.0	11.5	2.0	0.167	91.93	58.73
UAA20B12T1.6	✓	20.0	12.0	1.6	0.138	62.70	48.50
UAA20B12T3	✓	20.0	12.0	3.0	0.248	63.23	86.92
UAA20B14T2	*	20.0	14.0	2.0	0.182	68.00	64.00
UAA20.3B7.1T1.1	*	20.3	7.1	1.1	0.082	54.16	28.83
UAA21B20T2	*	21.0	20.0	2.0	0.220	81.14	77.20
UAA21.2B13.7T1.2	*	21.2	13.7	1.2	0.115	69.40	40.30
UAA21.6B7.8T1.6	*	21.6	7.8	1.6	0.125	57.17	43.93
UAA24B16T1.5	*	24.0	16.0	1.5	0.165	80.00	57.75
UAA25B12T1.6	✓	25.0	12.0	1.6	0.161	74.00	56.64
UAA25B12.4T2	*	25.0	12.4	2.0	0.201	73.50	70.60
UAA25B20T1.6	✓	25.0	20.0	1.6	0.198	88.70	69.30
UAA25B20T2	*	25.0	20.0	2.0	0.245	90.00	86.00
UAA25B20T3	✓	25.0	20.0	3.0	0.359	90.00	126.00
UASA29.2B17.3T2.8	*	29.2	17.3	2.8	0.307	92.20	107.80
UASA30B8.5T1.5	*	30.0	8.5	1.5	0.148	77.00	51.95
UAA30B17T2	*	30.0	17.0	2.0	0.257	94.00	90.00
UAA30B20T1.7	*	30.0	20.0	1.7	0.274	100.00	96.67
UAA30B20T2.5	✓	30.0	20.0	2.5	0.338	99.00	118.67
UAA30B25T2	✓	30.0	25.0	2.0	0.302	110.00	106.00
UAA30B25T4	*	30.0	25.0	4.0	0.581	109.23	203.92
UAA30B26T6	*	30.0	26.0	6.0	0.857	112.00	300.80
UASA33.5B25T3	✓	33.5	25.0	3.0	0.472	117.00	165.60
UAA38B11T1	*	38.0	11.0	1.0	0.137	98.00	48.00
UAA38.5B26.5T4	*	38.5	26.5	4.0	0.695	130.00	244.00
UAA38.5B26.5T8	*	38.5	26.5	8.0	1.300	130.00	456.00
UASA40B12T3	✓	40.0	12.0	3.0	0.419	104.00	147.00
UASA40B17T2	*	40.0	17.0	2.0	0.314	114.00	110.00
UASA40B20T2	✓	40.0	20.0	2.0	0.331	120.00	116.00
UASA40B25T1.5	✓	40.0	25.0	1.5	0.271	130.00	95.25
UASA40B25T3	✓	40.0	25.0	3.0	0.530	130.00	186.00
UAA40B25T2	*	40.0	25.0	2.0	0.358	130.00	125.60
UASA41B26T6	*	41.0	26.0	6.0	1.045	134.00	366.80
UASA42B22T2	*	42.0	22.0	2.0	0.351	125.85	123.00
UAA44B30T3	✓	44.0	30.0	3.0	0.627	148.00	219.90

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Unequal Angles

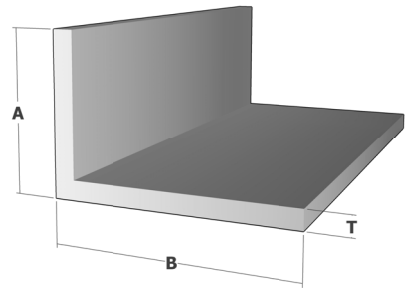


Product Code	Ex Stock	A (mm)	B (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
UAA45B8T1.2	✱	45.0	8.0	1.2	0.177	106.00	62.10
UAA45B10T1	✱	45.0	10.0	1.0	0.154	110.00	54.00
UAA45B35T3	✱	45.0	35.0	3.0	0.658	160.00	231.00
UAA50B20T1.6	✓	50.0	20.0	1.6	0.312	140.00	109.44
UAA50B20T3	✓	50.0	20.0	3.0	0.573	140.00	201.00
UAA50B25T1.5	✓	50.0	25.0	1.5	0.314	148.70	110.00
UAA50B25T3	✓	50.0	25.0	3.0	0.615	148.70	215.80
UAA50B30T1.5	✓	50.0	30.0	1.5	0.355	159.23	117.67
UAA50B30T4	✓	50.0	30.0	4.0	0.866	160.00	304.00
UAA50B28T4	✱	50.0	28.0	4.0	0.844	156.00	296.00
UAA50B40T3	✱	50.0	40.0	3.0	0.744	180.00	261.00
UAA52B20T2	✱	52.0	20.0	2.0	0.399	144.00	140.00
UAA52B30T2	✱	52.0	30.0	2.0	0.456	164.00	160.00
UAA52B40T22	✱	52.0	40.0	22.0	4.389	184.00	1540.00
UAA55B40T4	✓	55.0	40.0	4.0	1.037	190.00	363.93
UAA60B25T3	✓	60.0	25.0	3.0	0.701	168.70	245.80
UAA60B25T4	✱	60.0	25.0	4.0	0.923	169.23	323.93
UAA60B30T2	✓	60.0	30.0	2.0	0.502	180.00	176.00
UASA60B40T10	✱	60.0	40.0	10.0	2.567	196.57	900.86
UAA60B50T4.7	✱	60.0	50.0	4.7	1.410	220.00	494.80
UAA62B32T3	✱	62.0	32.0	2.0	0.524	188.00	184.00
UAA63B25T3	✱	63.0	25.0	3.0	0.726	176.33	254.84
UAA64B25T10	✱	64.0	25.0	10.0	2.394	172.96	840.00
UAA64B25T10	✱	64.0	25.0	10.0	2.394	172.96	840.00
UAA64B25T10	✱	64.0	25.0	10.0	2.468	172.68	865.88
UAA65B25T10	✱	65.0	25.0	10.0	2.417	174.71	847.99
UAA70B25T1.5	✓	70.0	25.0	1.5	0.400	190.00	140.25
UAA70B35T3	✱	70.0	35.0	3.0	0.881	205.92	309.17
UAA70B40T5	✓	70.0	40.0	5.0	1.494	220.00	524.10
UAA70B50T4.7	✓	70.0	50.0	4.7	1.544	240.00	541.80
UAA75B25T1.5	✓	75.0	25.0	1.5	0.421	200.00	147.75
UAA75B25T3	✓	75.0	25.0	3.0	0.829	198.70	290.80
UAA75B50T3	✓	75.0	50.0	3.0	1.043	250.00	366.00
UAA75B50T6	✓	75.0	50.0	6.0	2.035	250.00	714.00
UASA80B40T10	✱	80.0	40.0	10.0	3.137	236.57	1100.86
UASA80B50T2	✱	80.0	50.0	2.0	0.730	257.94	255.97
UAA80B50T4.7	✱	80.0	50.0	4.7	1.678	260.00	588.80
UAA90B80T10.4	✱	90.0	80.0	10.4	4.730	339.23	1659.80
UAA100B25T3	✓	100.0	25.0	3.0	1.043	248.70	365.80
UAA100B50T4	✓	100.0	50.0	4.0	1.664	300.00	584.00

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Unequal Angles

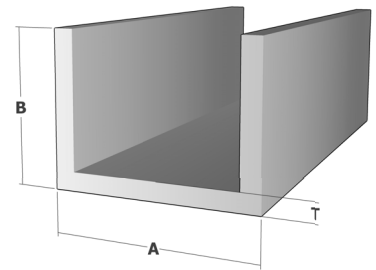


Product Code	Ex Stock	A (mm)	B (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
UAA100B50T5	✱	100.0	50.0	5.0	2.066	299.30	725.00
UAA100B50T6	✓	100.0	50.0	6.0	2.462	299.23	863.92
UAA100B50T8	✱	100.0	50.0	8.0	3.237	300.00	1135.92
UAA100B65T6	✱	100.0	65.0	6.0	2.718	328.70	953.80
UAA100B75T8	✓	100.0	75.0	8.0	3.808	350.00	1336.00
UAA110B25T10	✱	110.0	25.0	10.0	3.563	270.00	1250.00
UASA110B70T12	✱	110.0	70.0	12.0	4.628	360.00	1624.00
UAA125B40T6	✓	125.0	50.0	8.0	3.808	350.00	1336.00
UAA130B30T1.8	✱	130.0	30.0	1.8	0.811	319.23	284.68
UAA130B50T2	✱	130.0	50.0	2.0	1.014	359.23	355.92
UAA150B50T2.5	✓	150.0	50.0	2.5	1.407	400.00	493.75
UAA150B75T6	✓	150.0	75.0	6.0	3.745	450.00	1314.00
UAA150B75T10	✱	150.0	75.0	10.0	6.127	449.23	2149.92
UAA150B100T8	✓	150.0	100.0	8.0	5.518	500.00	1936.00
UAA150B120T10	✓	150.0	120.0	10.0	7.410	540.00	2600.00
UAA200B75T10	✓	200.0	75.0	8.0	6.088	550.00	2136.00
UAA200B100T10	✓	200.0	100.0	10.0	8.265	599.23	2899.92
UAA203B50.8T10.2	✓	203.0	50.8	10.2	7.178	499.62	2518.66

"✓" Stocked Item
 "✱" Pre-order Only Item
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U Channels

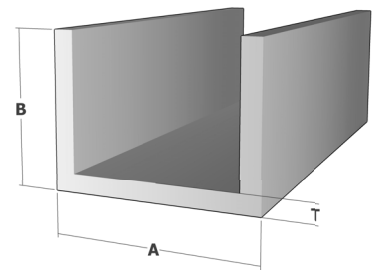


Product Code	Ex Stock	A (mm)	B (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
CLA4.3B8T0.6	✓	4.3	8.0	0.6	0.032	38.37	11.38
CLSA5.4B22T1.5	✱	5.4	11.0	1.5	0.103	50.20	36.13
CLA7.2B9.9T1.3	✱	7.2	9.9	1.3	0.087	51.72	30.40
CLA8B9.3T0.65	✓	8.0	9.3	0.65	0.047	50.83	16.35
CLA8.7B9T0.6	✱	8.7	9.0	0.6	0.043	51.20	15.22
CLSA8.84B5T2	✱	8.84	5.0	2.0	0.070	32.48	24.53
CLA10B10T1.5	✓	10.0	10.0	1.5	0.115	56.00	40.42
CLA10B15T1.4	✱	10.0	15.0	1.4	0.148	77.2	52.08
CLA10.3B15T1.5	✱	10.3	15.0	1.5	0.159	77.6	55.95
CLA12B12T1.5	✓	12.0	12.0	1.5	0.141	68.00	49.42
CLA12B4T2	✱	12.0	4.0	2.0	0.091	36.00	32.00
CLA12B12T0.5	✱	12.0	12.0	0.5	0.045	70.20	15.75
CLA13B20T1.25	✱	13.0	20.0	1.25	0.180	103.50	63.13
CLA15.6B20T1.5	✱	15.6	20.0	1.5	0.225	108.20	78.90
CLA16B16T1.6	✓	16.0	16.0	1.6	0.204	91.10	71.50
CLA16B30T1.5	✱	16.0	30.0	1.5	0.312	149.00	109.50
CLA16B60T4.0	✱	16.0	60.0	4.0	1.479	253.88	518.87
CLA18B12T0.5	✱	18.0	12.0	0.5	0.053	82.20	18.45
CLSA19B3T1	✱	19.0	3.0	1.0	0.063	46.25	22.27
CLA19B13T0.5	✱	19.0	13.0	0.5	0.063	89.00	22.00
CLA19.6B19.6T1.3	✓	19.6	19.6	1.3	0.207	113.40	72.70
CLA20B10T1.5	✱	20.0	10.0	1.5	0.158	77.00	55.50
CLA20B20T3	✓	20.0	20.0	3.0	0.461	112.30	161.80
CLSA20B25T2.6	✓	20.0	25.0	2.6	0.497	133.00	174.30
CLSA21B21T1.5	✱	21.0	21.0	1.5	0.257	123.00	90.00
CLSA22B22T3	✓	22.0	22.0	3.0	0.513	434.13	179.92
CLSA22B60T3	✱	22.0	60.0	3.0	1.251	271.20	438.80
CLSA22.5B35T3.5	✓	22.5	35.0	3.5	0.860	174.00	301.80
CLA23B20T2	✱	23.0	20.0	2.0	0.107	40.84	37.70
CLA23B15T1	✓	23.0	15.0	1.0	0.145	102.80	51.00
CLA24B7.5T2.4	✱	24.0	7.5	2.4	0.234	72.20	82.00
CLSA24B12T1	✱	24.0	12.0	1.0	0.130	92.73	45.72
CLA25B20T1	✱	25.0	20.0	1.0	0.179	127.00	62.92
CLA25B25T3	✓	25.0	25.0	3.0	0.590	143.00	207.00
CLA25B25T1.9	✓	25.0	25.0	1.9	0.385	147.00	135.20
CLA25B50T2	✓	25.0	50.0	2.0	0.690	246.00	242.00
CLA25B50T3	✓	25.0	50.0	3.0	1.017	243.00	357.00
CLA25.5B12.8T1	✱	25.5	12.8	1.0	0.140	99.17	49.02
CLSA26B15.5T0.7	✱	26.0	15.5	0.7	0.112	111.40	39.34
CLSA28.8B35T3.5	✓	28.8	35.0	3.5	0.932	187.00	327.00

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



U Channels

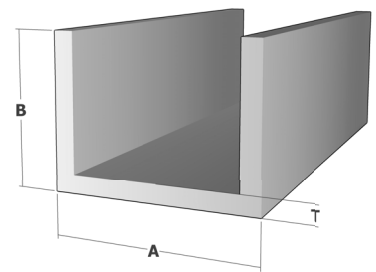


Product Code	Ex Stock	A (mm)	B (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
CLA30B10T2	✱	30.0	10.0	2.0	0.262	96.00	92.00
CLA30B17T1.2	✱	30.0	17.0	1.2	0.239	124.60	84.00
CLA30B20T1	✱	30.0	20.0	1.0	0.194	137.00	67.92
CLA35B7.5T2.4	✱	35.0	7.5	2.4	0.309	94.20	108.40
CLSA35B9.5T3.3	✱	35.0	9.5	3.3	0.512	100.00	179.70
CLA35B13T2	✱	35.0	13.0	2.0	0.325	118.00	114.00
CLSA35B15T4	✱	35.0	15.0	4.0	0.726	117.43	254.79
CLA35.5B17T3	✱	35.5	17.0	3.0	0.543	131.87	190.42
CLA36B36T2.5	✓	36.0	36.0	2.5	0.733	209.30	257.30
CLSA36.2B11.9T2	✱	36.2	11.9	2.0	0.319	115.20	111.92
CLA38.2B12.8T1	✱	38.2	12.8	1.0	0.177	124.20	62.00
CLA40B11.5T2	✱	40.0	11.5	2.0	0.335	120.71	117.68
CLA40B15T3	✓	40.0	15.0	3.0	0.547	132.28	191.79
CLSA40B19T4	✱	40.0	19.0	4.0	0.787	144.14	276.03
CLA40B20T1.6	✱	40.0	20.0	1.6	0.350	155.77	122.80
CLA40B25T3	✓	40.0	25.0	3.0	0.718	172.30	251.80
CLSA41B45T3	✱	41.0	45.0	3.0	1.035	252.65	363.00
CLA44B50T4	✓	44.0	50.0	4.0	1.550	278.30	543.80
CLA44B50T6	✱	44.0	50.0	6.0	2.230	270.94	782.57
CLA45B8T1.2	✱	45.0	8.0	1.2	0.200	118.60	70.20
CLA45.5B27T5	✱	45.5	27.0	5.0	1.275	188.00	447.42
CLA46B20T2	✱	46.0	20.0	2.0	0.467	168.00	164.00
CLA46B27T5	✱	46.0	27.0	5.0	1.282	189.00	449.92
CLA46.5B27T4.5	✱	46.5	27.0	4.5	1.173	191.00	411.67
CLSA46.6B22.5T3	✱	46.6	22.5	3.0	0.729	177.00	255.71
CLA48B19T1	✱	48.0	18.8	1.0	0.247	168.28	86.79
CLA48B75T8	✱	48.0	75.0	8.0	4.150	380.00	1456.00
CLA48.5B18.8T1	✱	48.5	18.8	1.0	0.239	168.92	83.89
CLA48.5B24.5T1.7	✱	48.5	24.5	1.7	0.400	188.94	140.20
CLA49.5B38T3	✱	49.5	38.0	3.0	1.021	243.97	358.42
CLSA50B9T3	✱	50.0	9.0	3.0	0.529	128.37	185.53
CLA50B10T3	✱	50.0	10.0	3.0	0.547	133.00	191.90
CLA50B15T3	✓	50.0	15.0	3.0	0.633	154.00	222.00
GM-NZJUN-012	✓	50.0	25.0	3.0	0.793	191.50	278.30
CLSA50B25T3	✓	50.0	25.0	3.0	0.803	193.00	281.90
CLA50B30T4	✱	50.0	30.0	4.0	1.163	212.00	408.00
CLSA50B36T6	✱	50.0	36.0	6.0	1.730	228.57	606.87
CLSA50B50T3	✱	50.0	50.0	3.0	1.219	292.40	427.80
CLA50B50T3	✓	50.0	50.0	3.0	1.231	292.96	431.92
CLA50.6B20T1	✱	50.6	20.0	1.0	0.252	177.92	88.39

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



U Channels

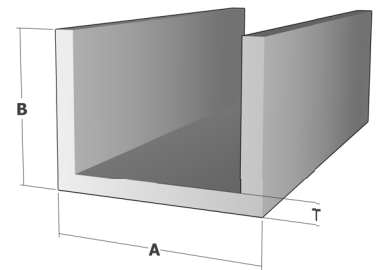


Product Code	Ex Stock	A (mm)	B (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
CLA51B13T1	*	51.0	13.0	1.0	0.213	151.00	74.80
CLA51.1B20T1	*	51.1	20.0	1.0	0.253	178.95	88.91
CLA51.4B110T4	*	51.4	110.0	4.0	3.004	534.00	1054.00
CLSA51.8B25T0.9	*	51.8	25.0	0.9	0.258	201.20	90.50
CLSA55B30T3	*	55.0	30.0	3.0	0.929	221.40	326.00
CLA56B27T4.5	*	56.0	27.0	4.5	1.295	210.00	454.42
CLA56B27T5	*	56.0	27.0	5.0	1.425	209.00	499.92
CLA57B15T3	✓	57.0	15.0	3.0	0.693	168.00	243.00
CLA58B20T2	*	58.0	20.0	2.0	0.536	192.00	188.00
CLA58B65T3.5	✓	58.0	65.0	3.5	1.873	367.42	657.10
CLSA69B59T4	*	59.0	69.0	4.0	2.128	383.90	746.70
CLA60B40T3.5	*	60.0	40.0	3.5	1.351	263.56	473.87
CLA60B70T4	*	60.0	70.0	4.0	2.189	392.00	768.00
CLA60B110T4	*	60.0	110.0	4.0	3.101	559.00	1088.00
CLSA61B150T5	*	61.0	150.0	5.0	4.480	705.50	1571.98
CLA65B25T4	✓	65.0	25.0	4.0	1.220	222.00	428.00
CLA65B40T10	*	65.0	40.0	10.0	3.809	259.13	1336.57
CLA68B19T1	*	68.0	19.0	1.0	0.296	209.00	103.92
CLA70B12T1	*	70.0	12.0	1.0	0.308	217.00	107.92
CLA70B20T1	*	70.0	20.0	1.0	0.308	217.00	107.92
CLA75B25T3	✓	75.0	25.0	3.0	1.017	242.30	356.80
CLA75B40T3	✓	75.0	40.0	3.0	1.273	302.30	446.80
CLA76.5B12.8T1.1	*	76.5	12.8	1.1	0.312	200.50	109.6
CLA80B36T5	*	80.0	36.0	5.0	2.028	291.51	711.60
CLSA80B39.8T3.9	*	80.0	39.8	3.9	1.701	305.39	596.96
CLA80B30T2	*	80.0	30.0	2.0	0.778	276.00	272.97
CLA80B40T3	✓	80.0	40.0	3.0	1.317	314.00	462.00
CLA80B40T5	✓	80.0	40.0	5.0	2.137	308.97	749.92
CLSA90B75T13	*	90.0	75.0	13.0	6.888	450.57	2416.87
CLA100B25T3	✓	100.0	25.0	3.0	1.231	292.30	431.80
CLA100B50T5	✓	100.0	50.0	5.0	2.707	388.97	949.92
CLSA100B60T5.5	*	100.0	60.0	5.5	3.429	426.00	1203.00
CLSA100B85T1.7	*	100.0	85.0	1.7	1.158	478.96	406.31
CLA100B100T5	*	100.0	100.0	5.0	4.133	589.00	1450.00
CLA101.6B12.8T1.1	*	101.6	12.8	1.1	0.391	251.00	137.20
CLSA104B45T8	*	104.0	45.0	8.0	4.269	372.00	1498.00
CLA108B48T2.6	*	108.0	48.0	2.6	1.473	401.80	516.80
CLA110B15T3	*	110.0	15.0	3.0	1.148	272.28	402.79
CLA116B40.5T5	*	116.0	40.5	5.0	2.555	382.51	896.50
CLSA120B85T1.7	*	120.0	85.0	1.7	1.255	518.95	440.31

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



U Channels

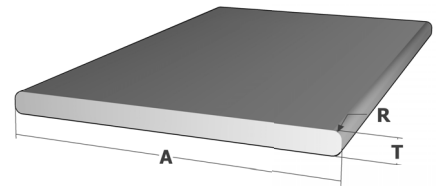


Product Code	Ex Stock	A (mm)	B (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
CLSA127B69.85T4.83	*	127.0	69.85	4.83	4.879	514.56	1711.77
CLSA150B61T5	✓	150.0	61.0	5.0	3.734	540.00	1310.00
CLSA150B65T6.5	*	150.0	65.0	6.5	5.068	537.64	1778.30
CLA150B75T5	✓	150.0	75.0	5.0	4.132	588.30	1449.80
CLA152.4B82.6T5.33	*	152.4	82.6	5.33	6.299	617.80	2210.19
CLA153B74T19	*	153.0	74.0	19.0	14.229	558.85	4992.71
CLSA170B100T6	*	170.0	100.0	6.0	6.048	719.42	2122.25
CLA180B52T15	*	180.0	52.0	15.0	10.859	538.00	3810.00
CLA180B120T15	*	180.0	120.0	15.0	16.673	810.00	5850.00
CLSA180B120T15	*	180.0	120.0	15.0	15.421	811.71	5410.73
CLSA200B70T10	*	200.0	70.0	10.0	9.242	651.42	3242.92
CLSA203.2B95.3T6.35	*	203.2	95.3	6.35	9.049	767.07	3175.14
CLSA254B88.9T6.35	*	254.0	88.9	6.35	9.592	843.30	3365.51
CLSA280B53T11	*	280.0	53.0	11.0	10.258	744.85	3599.45
CLSA280B53T21	*	280.0	53.0	21.0	18.067	742.85	6339.45
CLSA300B100T7	*	300.0	100.0	7.0	9.696	986.00	3402.00

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Flat Bars

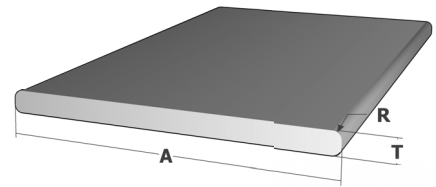


Product Code	Ex Stock	A (mm)	T (mm)	R (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
FBRA6.9T4.9R2.5	*	6.9	4.9	2.5	0.082	19.40	28.70
FBA7.5T2	*	7.5	2.0		0.043	19.00	15.00
FBA8T4	*	8.0	4.0		0.091	24.00	32.00
FBA10T2	*	10.0	2.0		0.057	24.00	20.00
FBA10T3	✓	10.0	3.0		0.086	26.00	30.00
FBA10T6	✓	10.0	6.0		0.171	32.00	60.00
FBA11.4T4.4	*	11.4	4.4		0.143	31.60	50.16
FBA12T3	✓	12.0	3.0		0.103	30.00	36.00
FBA13T6	*	13.0	6.0		0.222	38.00	78.00
FBA15T1.6	*	15.0	1.6		0.068	33.20	24.00
FBA15T2	✓	15.0	2.0		0.085	33.50	29.90
FBRA15T2.7R1	*	15.0	2.7	1.0	0.113	33.70	39.64
FBA15T4	*	15.0	4.0		0.170	37.14	59.79
FBA16T3	✓	16.0	3.0		0.136	37.20	47.80
FBRA16T4R4.7	*	16.0	4.0	4.7	0.180	38.18	62.76
FBA18T1.8	*	18.0	1.8		0.092	39.60	32.40
FBA19T1.2	*	19.0	1.2		0.062	42.00	21.89
FBA19T2	✓	19.0	2.0		0.108	42.00	38.00
FBA19T3	*	19.0	3.0		0.162	44.00	57.00
FBRA19T5R1	*	19.0	5.0	1.0	0.268	46.28	94.14
FBA20T1.5	✓	20.0	1.5		0.086	42.50	30.00
FBA20T2	*	20.0	2.0		0.114	44.00	40.00
FBA20T2.5	*	20.0	2.5		0.143	45.00	50.00
FBA20T2.8	✓	20.0	2.8		0.160	45.60	56.00
FBA20T3	*	20.0	3.0		0.171	46.00	60.00
FBA20T5	*	20.0	5.0		0.285	50.00	100.00
FBA23T4	*	23.0	4.0		0.262	54.00	92.00
FBA20T10	*	20.0	10.0		0.570	60.00	200.00
FBA23T10	*	23.0	10.0		0.656	66.00	230.00
FBA25T1.5	*	25.0	1.5		0.107	53.00	37.50
FBA25T2	*	25.0	2.0		0.143	54.00	50.00
FBA25T2.5	✓	25.0	2.5		0.178	55.00	62.50
FBA25T3	✓	25.0	3.0		0.214	55.50	74.92
FBA25T4	*	25.0	4.0		0.285	58.40	99.90
FBA25T5	✓	25.0	5.0		0.356	60.00	125.00
FBA25T10	✓	25.0	10.0		0.713	70.00	250.00
FBA25T20	*	25.0	20.0		1.425	90.00	500.00
FBA28T1.5	*	28.0	1.5		0.119	58.50	41.90
FBA28T3	*	28.0	3.0		0.239	62.00	84.00
FBA28T5.8	*	28.0	5.8		0.462	66.74	162.20

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Flat Bars

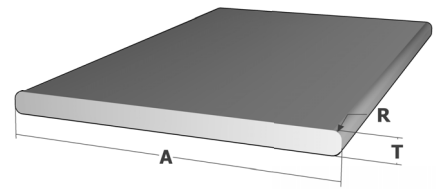


Product Code	Ex Stock	A (mm)	T (mm)	R(mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
FBA28T8	*	28.0	8.0		0.638	71.14	223.80
FBA28T14	*	28.0	14.0		1.117	83.14	391.80
FBA28.3T2	*	28.3	2.0		0.161	60.60	56.60
FBA29.5T3.9	*	29.5	3.9		0.328	66.80	115.05
FBA30T1.2	*	30.0	1.2		0.092	61.26	32.74
FBA30T2	*	30.0	2.0		0.171	64.00	60.00
FBA30T2.5	*	30.0	2.5		0.214	65.00	75.00
FBA30T3	✓	30.0	3.0		0.257	66.00	90.00
FBRA30T3R1	*	30.0	3.0	1.0	0.254	64.28	89.14
FBA30T4.8	✓	30.0	4.8		0.410	69.60	144.00
FBSA30T5	✓	30.0	5.0		0.428	70.00	150.00
FBRSA32T22R3	*	32.0	22.0	3.0	1.995	105.00	700.03
FBRA34.5T3.8R1	*	34.5	3.8	1.0	0.374	76.60	131.10
FBA35T5	✓	35.0	5.0		0.499	80.00	175.00
FBRA35T5R1	✓	35.0	5.0	1.0	0.496	78.28	174.14
FBA35T20	*	35.0	20.0		2.000	110.00	700.00
FBRA37.6T5.5R2.7	*	37.6	5.5	2.7	0.571	82.00	200.30
FBA38T10	*	38.0	10.0		0.669	207.27	234.74
FBA38T13	*	38.0	13.0		1.408	102.00	494.00
FBRA38.1T3R1.5	✓	38.1	3.0	1.5	0.326	82.20	114.30
FBRA38.1T6.3R3.1	✓	38.1	6.3	3.1	0.684	88.80	240.03
FBA40T0.9	*	40.0	0.9		0.103	81.80	36.00
FBA40T1.5	*	40.0	1.5		0.171	82.50	59.92
FBA40T2.9	✓	40.0	2.9		0.331	85.80	116.00
FBRA40T5R2.5	*	40.0	5.0	2.5	0.555	85.70	194.60
GLX-4532	✓	40.0	5.0		0.570	90.00	200.00
FBA40T6	✓	40.0	6.0		0.684	92.00	240.00
FBA40T8.2	*	40.0	8.2		0.935	96.40	328.00
FBA40T10	✓	40.0	10.0		1.140	100.00	400.00
FBA40T15	✓	40.0	15.0		1.710	110.00	600.00
FBA45T10	✓	45.0	10.0		1.282	110.00	449.92
FBA45T42	*	45.0	42.0		5.387	174.00	1890.00
FBA45.2T3.2	*	45.2	3.2		0.412	96.80	144.64
FBA46T2	*	46.0	2.0		0.262	96.00	92.00
FBA47.5T1.3	✓	47.5	1.3		0.176	97.60	61.75
FBA47.6T1.5	*	47.6	1.5		0.203	97.70	71.32
FBRA49T5R2.5	*	49.0	5.0	2.5	0.695	108.00	245.00
FBRA50T3R1.5	*	50.0	3.0	1.5	0.428	106.00	150.00
FBA50T3	✓	50.0	3.0		0.428	106.00	150.00
FBA50T3.5	*	50.0	3.5		0.500	107.00	175.00

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Flat Bars

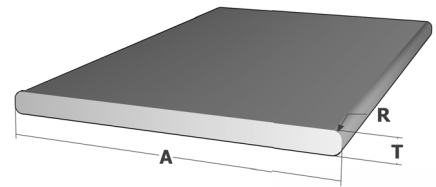


Product Code	Ex Stock	A (mm)	T (mm)	R(mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
FBA50T4	*	50.0	4.0		0.570	108.00	200.00
FBA50T5	*	50.0	5.0		0.713	110.00	250.00
FBA50T6	✓	50.0	6.0		0.855	112.00	300.00
FBRA50T6R3	*	50.0	6.0	3.0	0.855	112.00	300.00
FBA50T10	✓	50.0	10.0		1.425	120.00	500.00
FBA50T12	✓	50.0	12.0		1.710	124.00	600.00
FBA50T20	✓	50.0	20.0		2.850	140.00	1000.00
FBA50T25	✓	50.0	25.0		3.563	150.00	1250.00
FBA55T1.7	*	55.0	1.7		0.266	113.40	93.50
FBSA55T5	*	55.0	5.0		0.784	120.00	275.00
FBSA55T8	*	55.0	8.0		1.254	125.50	439.92
FBA56.5T27	*	56.5	27.0		4.344	164.77	1524.05
FBA57.6T2.8	*	57.6	2.8		0.460	120.80	161.28
FBA58T4	*	58.0	4.0		0.661	124.00	232.00
FBA60T0.9	*	60.0	0.9		0.154	121.80	54.00
FBA60T3	✓	60.0	3.0		0.512	125.20	179.80
FBA60T4	*	60.0	4.0		0.684	128.00	240.00
FBA60T5	✓	60.0	5.0		0.855	130.00	300.00
FBA60T6	✓	60.0	6.0		1.026	132.00	360.00
FBA60T10	✓	60.0	10.0		1.710	140.00	600.00
FBA60T12	✓	60.0	12.0		2.052	144.00	720.00
FBRA64T5R2.5	*	64.0	5.0	2.5	0.911	135.70	319.60
FBA65T8	*	65.0	8.0		1.482	146.00	520.00
FBA70T2	*	70.0	2.0		0.399	144.00	140.00
FBA70T4	*	70.0	4.0		0.789	147.50	279.92
FBA70T10	✓	70.0	10.0		1.995	160.00	700.00
FBA70T15	*	70.0	15.0		2.993	170.00	1050.00
FBA75T2	✓	75.0	2.0		0.428	154.00	150.00
FBA75T4	✓	75.0	4.0		0.855	158.00	300.00
FBA75T6	✓	75.0	6.0		1.283	162.00	450.00
FBA75T10	✓	75.0	10.0		2.138	170.00	750.00
FBA75T12	✓	75.0	12.0		2.565	174.00	900.00
FBA75T20	✓	75.0	20.0		4.275	190.00	1500.00
FBA77T6	*	77.0	6.0		1.317	165.50	462.00
FBA80T6	✓	80.0	6.0		1.368	172.00	480.00
FBA80T10	✓	80.0	10.0		2.280	180.00	800.00
FBA80T12	✓	80.0	12.0		2.736	184.00	960.00
FBA84T4	*	84.0	4.0		0.958	176.00	336.00
FBA84T5	*	84.0	5.0		1.197	177.48	419.92
FBA84T6	*	84.0	6.0		1.436	180.00	504.00

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Flat Bars

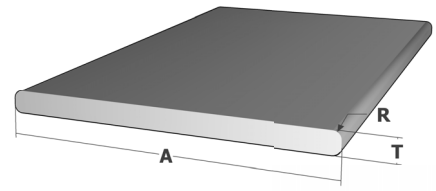


Product Code	Ex Stock	A (mm)	T (mm)	R (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
FBA88T5	*	88.0	5.0		1.254	185.50	440.00
FBA90T3	✓	90.0	3.0		0.769	185.50	269.92
FBRA90T5R2.5	✓	90.0	5.0	2.5	1.267	185.70	444.60
FBRA90T6R3	✓	90.0	6.0	3.0	1.517	186.90	532.30
FBA95T3.5	*	95.0	3.5		0.950	197.00	332.40
FBA96T6	*	96.0	6.0		1.950	204.00	576.00
FBA100T1.5	*	100.0	1.5		0.430	203.00	150.00
FBA100T3	✓	100.0	3.0		0.855	206.00	300.00
FBA100T3	*	100.0	4.0		1.140	208.00	400.00
FBA100T6	✓	100.0	6.0		1.709	211.20	599.80
FBA100T8	*	100.0	8.0		2.280	216.00	800.00
FBA100T10	✓	100.0	10.0		2.850	220.00	1000.00
FBRA100T10R5	*	100.0	10.0	5.0	2.789	211.42	978.54
FBA100T12	✓	100.0	12.0		3.420	224.00	1200.00
FBA106T6	*	106.0	6.0		1.813	224.00	636.00
FBA110T2	*	110.0	2.0		0.627	224.00	220.00
FBA110T8	✓	110.0	8.0		2.508	236.00	880.00
FBA116T6	*	116.0	6.0		1.984	224.00	696.00
FBA117T3.7	*	117.0	3.7		1.234	241.40	432.90
FBRA119T5R2.5	*	119.0	5.0	2.5	1.682	243.70	590.00
FBA120T6	✓	120.0	6.0		2.052	252.00	720.00
FBRA120T6R3	✓	120.0	6.0	3.0	2.030	246.90	712.30
FBA120T8	*	120.0	8.0		2.736	256.00	960.00
FBA120T12	*	120.0	12.0		4.104	264.00	1440.00
FBA123T4.8	*	123.0	4.8		1.683	255.60	590.40
FBA123T5.5	*	123.0	5.5		1.928	257.00	676.50
FBA123T3.5	*	123.0	3.5		1.227	253.00	430.50
FBA125T6	✓	125.0	6.0		2.138	262.00	750.00
FBA125T10	✓	125.0	10.0		3.563	270.00	1250.00
FBA125T12	✓	125.0	12.0		4.275	274.00	1500.00
FBA126T6	*	126.0	6.0		2.155	264.00	756.00
FBA133.5T6	*	133.5	6.0		2.283	279.00	801.00
FBA136T4	*	136.0	4.0		1.550	280.00	544.00
FBA136T6	*	136.0	6.0		2.326	284.00	816.00
FBA138T5.8	✓	138.0	5.8		2.281	287.60	800.40
FBRA140T5.9R2.9	*	140.0	5.9	2.9	2.333	286.70	818.50
FBA140T10	*	140.0	10.0		3.990	300.00	1400.00
FBA142T3.6	*	142.0	3.6		1.457	291.20	511.20
FBA143T25	*	143.0	25.0		10.189	336.00	3575.00
FBA145T6	✓	145.0	6.0		2.480	302.00	870.00

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Flat Bars

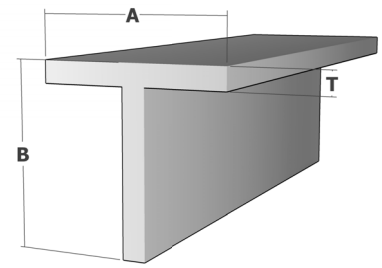


Product Code	Ex Stock	A (mm)	T (mm)	R (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
FBA150T3	✓	150.0	3.0		1.283	306.00	450.00
FBA150T5	✓	150.0	5.0		2.138	310.00	750.00
FBA150T8	✱	150.0	8.0		3.420	316.00	1200.00
FBA150T10	✓	150.0	10.0		4.275	319.50	1500.00
FBA150T13.5	✓	150.0	13.5		5.771	327.00	2025.00
FBA151T3.2	✱	151.0	3.2		1.377	308.40	483.20
FBA151T4.8	✱	151.0	4.8		2.066	311.60	724.80
FBA151T5.8	✱	151.0	5.8		2.496	313.60	875.80
FBA151T3.7	✱	151.0	3.7		1.592	309.40	558.70
FBRA160T5.9R2.9	✱	160.0	5.9	2.9	2.670	427.00	937.00
FBA160T10	✓	160.0	10.0		4.560	340.00	1600.00
FBA160T20	✱	160.0	20.0		9.120	360.00	3200.00
FBA160T25	✱	160.0	25.0		11.400	370.00	4000.00
FBA160T27	✱	160.0	27.0		12.466	378.00	4374.00
FBA200T5	✓	200.0	5.0		2.850	410.00	1000.00
FBA200T10	✓	200.0	10.0		5.700	420.00	2000.00
FBA200T11	✓	200.0	11.0		6.270	422.00	2200.00
FBRA209T5.9R2.9	✱	209.0	5.9	2.9	3.493	424.70	1225.60
FBA220T5	✓	220.0	5.0		3.135	450.00	1100.00
FBA222T1.8	✱	222.0	1.8		1.139	447.60	399.60
FBA270T6	✱	270.0	6.0		4.617	552.00	1620.00
FBA270T9	✓	270.0	9.0		6.926	558.00	2430.00
FBA270T14	✱	270.0	14.0		10.773	568.00	3780.00
FBA300T4	✱	300.0	4.0		3.420	608.00	1200.00
FBA300T10	✓	300.0	10.0		8.550	619.50	2999.92

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Tee Bars

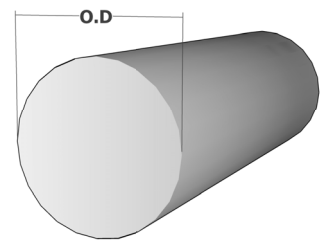


Product Code	Ex Stock	A (mm)	B (mm)	T (mm)	Mass (kg/m)	Perimeter (mm)	Area (mm ²)
TBA15B15T1.5	✱	15.0	15.0	1.5	0.122	60.00	42.75
TBA15B80T3	✱	15.0	80.0	3.0	0.787	190.00	276.00
TBA19B19T3.2	✓	19.0	19.0	3.2	0.316	76.71	110.89
TBA15B35T1.1	✱	15.0	35.0	1.1	0.153	98.97	53.71
TBA20B10T1.5	✓	20.0	10.0	1.5	0.122	59.00	42.68
TBA20B11.5T4	✓	20.0	11.5	4.0	0.292	62.00	102.42
TBA20B20T1.5	✓	20.0	20.0	1.5	0.165	80.00	57.75
TBSA22.8B42.7T1	✱	22.8	42.7	1.0	0.189	129.37	66.35
TBA25B25T3	✓	25.0	25.0	3.0	0.401	98.30	140.80
TBSA30B40T4	✱	30.0	40.0	4.0	0.763	137.44	267.86
TBSA35.8B68T2.8	✱	35.8	68.0	2.8	1.139	231.00	399.50
TBSA35.8B78T2.8	✱	35.8	78.0	2.8	1.269	253.80	445.30
TBSA35.8B88T2.8	✱	35.8	88.0	2.8	1.400	277.00	491.20
TBSA35.8B98T2.8	✱	35.8	98.0	2.8	1.530	300.00	537.00
TBSA37B53.7T3.7	✱	37.0	53.7	3.7	0.908	184.00	318.76
TBA40B20T1.5	✓	40.0	20.0	1.5	0.250	118.30	87.60
TBA40B40T3	✓	40.0	40.0	3.0	0.658	158.30	230.80
TBA40B40T6	✓	40.0	40.0	6.0	1.265	158.30	443.80
TBA40B50T6	✓	40.0	50.0	6.0	1.436	178.30	503.80
TBSA41B32T1.5	✓	41.0	32.0	1.5	0.353	143.00	123.90
TBSA45B25T2.5	✱	45.0	25.0	2.5	0.481	139.23	168.63
TBA50B50T3	✓	50.0	50.0	3.0	0.829	199.00	290.92
TBA50B50T6	✓	50.0	50.0	6.0	1.607	198.30	563.80
TBA50B100T6	✓	50.0	100.0	6.0	2.462	298.30	863.80
TBA51B62T16.7	✱	51.0	62.0	16.7	4.207	225.15	1476.17
TBA55B55T3	✱	55.0	55.0	3.0	0.915	220.00	321.00
TBSA60B30T4.5	✱	60.0	30.0	4.5	1.351	179.00	473.92
TBSA60B30T5.5	✱	60.0	30.0	5.5	1.499	179.00	525.92
TBSA60B60T6	✓	60.0	60.0	6.0	1.949	240.00	684.00
TBA60B70T2	✱	60.0	70.0	2.0	0.729	259.00	255.92
TBA63.5B63.5T6.35	✓	63.5	63.5	6.35	2.183	252.30	766.00
TBA65B123T2.2	✓	65.0	123.0	2.2	1.125	373.08	394.86
TBA75B75T6	✓	75.0	75.0	6.0	2.462	298.30	863.80
TBA101B60T4	✱	101.0	60.0	4.0	1.809	318.57	634.87
TBA120B84T4	✱	120.0	84.0	4.0	2.280	406.97	800.00
TBA150B100T8	✓	150.0	100.0	8.0	5.518	500.00	1936.00

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Solid Rounds

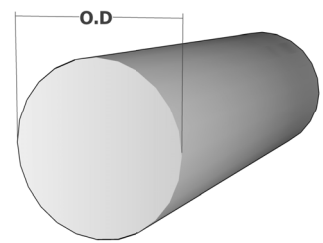


Product Code	Ex Stock	O.D (mm)	Mass (kg/m)	Perimeter (mm)	Grade & Temper
SRD4.4L3	*	4.4	0.043	13.82	6061-T6
SRD5L3	*	5.0	0.056	15.71	6061-T6
SRD5.3L3	*	5.3	0.063	16.65	6061-T6
SRD6L3	*	6.0	0.081	18.90	6061-T6
SRD6.3L3	✓	6.3	0.089	19.79	6061-T6
SRD6.8L3	*	6.8	0.104	21.36	6061-T6
SRD7L3	✓	7.0	0.110	21.99	6061-T6
SRD8L3	✓	8.0	0.143	25.13	6061-T6
SRD9.53L3	✓	9.53	0.203	30.00	6061-T6
SRD9.7L3	*	9.7	0.211	30.50	6061-T6
SRD10L3	*	10.0	0.224	31.42	6061-T6
SRD10.5L3	*	10.5	0.247	32.99	6061-T6
SRD11L3	✓	11.0	0.271	34.56	6061-T6
SRD11.8L3	*	11.8	0.312	37.10	6061-T6
SRD12L3	*	12.0	0.322	37.70	6061-T6
SRD12.7L3	✓	12.7	0.361	40.00	6061-T6
SRD13L3	*	13.0	0.378	40.84	6061-T6
SRD14L3	*	14.0	0.439	44.00	6061-T6
SRD15L3	✓	15.0	0.504	47.12	6061-T6
SRD15.6L3	*	15.6	0.545	49.00	6061-T6
SRD16L3	✓	16.0	0.573	50.27	6061-T6
SRD17L3	*	17.0	0.647	53.40	6061-T6
SRD18L3	✓	18.0	0.725	56.55	6061-T6
SRD19L3	✓	19.0	0.808	59.70	6061-T6
SRD20L3	✓	20.0	0.895	62.80	6061-T6
SRD21L3	*	21.0	0.987	66.00	6061-T6
SRD22L3	✓	22.0	1.083	69.12	6061-T6
SRD23L3	*	23.0	1.184	72.26	6061-T6
SRD24L3	✓	24.0	1.289	75.40	6061-T6
SRD25L3	*	25.0	1.399	78.54	6061-T6
SRD25.4L3	✓	25.4	1.444	79.80	6061-T6
SRD26L3	*	26.0	1.513	81.70	6061-T6
SRD26.2L3	*	26.2	1.537	82.31	6061-T6
SRD26.5L3	✓	26.5	1.572	83.25	6061-T6
SRD27L3	✓	27.0	1.623	84.80	6061-T6
SRD28L3	*	28.0	1.755	88.00	6061-T6
SRD29L3	✓	29.0	1.882	91.11	6061-T6
SRD32L3	✓	32.0	2.292	100.53	6061-T6
SRD33L3	*	33.0	2.438	103.67	6061-T6
SRD34L3	*	34.0	2.588	106.81	6061-T6

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Solid Rounds

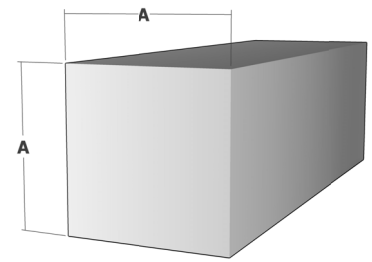


Product Code	Ex Stock	O.D (mm)	Mass (kg/m)	Perimeter (mm)	Grade & Temper
SRD35L3	✱	35.0	2.742	109.96	6061-T6
SRD36L3	✱	36.0	2.901	113.10	6061-T6
SRD37.5L3	✱	37.5	3.148	117.81	6061-T6
SRD38.1L3	✓	38.1	3.249	119.70	6061-T6
SRD39.5L3	✱	39.5	3.492	124.10	6061-T6
SRD40L3	✓	40.0	3.581	125.66	6061-T6
SRD41.28L3	✓	41.28	3.814	129.70	6061-T6
SRD42L3	✱	42.0	3.949	131.95	6061-T6
SRD42.8L3	✱	42.8	4.100	134.46	6061-T6
SRD44.5L3	✓	44.5	4.423	139.70	6061-T6
SRD47.7L3	✱	47.7	5.093	149.90	6061-T6
SRD50L3	✱	50.0	5.596	157.08	6061-T6
SRD50.8L3	✓	50.8	5.777	159.60	6061-T6
SRD54L3	✓	54.0	6.527	169.70	6061-T6
SRD55L3	✓	55.0	6.771	172.79	6061-T6
SRD59.9L3	✓	59.9	8.031	188.18	6061-T6
SRD60.32L3	✓	60.32	8.144	189.50	6061-T6
SRD64L3	✓	64.0	9.168	201.10	6061-T6
SRD65L3	✓	65.0	9.457	204.20	6061-T6
SRD69.5L3	✓	69.5	10.812	177.12	6061-T6
SRD70L3	✓	70.0	10.968	219.91	6061-T6
SRD76.2L3	✓	75.0	12.315	239.39	6061-T6
SRD80L3	✓	80.0	14.326	251.33	6061-T6
SRD85L3	✓	85.0	16.172	267.04	6061-T6
SRD90L3	✓	90.0	16.820	279.29	6061-T6
SRD95L3	✓	95.0	20.201	298.45	6061-T6
SRD100L3	✓	100.0	22.384	314.16	6061-T6
SRD105L3	✓	105.0	24.678	329.87	6061-T6
SRD110L3	✓	110.0	27.084	345.58	6061-T6
SRD115L3	✓	115.0	29.603	361.28	6061-T6
SRD120L3	✓	120.0	32.233	376.99	6061-T6
SRD125L3	✓	125.0	34.975	392.70	6061-T6
SRD127L3	✓	127.0	34.210	398.98	6061-T6
SRD150L3	✓	150.0	49.260	478.78	6061-T6
SRD165L3	✓	165.0	60.940	518.36	6061-T6
SRD200L3	✓	200.0	89.535	628.32	6061-T6
SRD203L3	✓	203.0	92.242	637.74	6061-T6
SRD250L3	✓	250.0	139.900	785.40	6061-T6
SRD280L3	✓	280.0	175.489	879.65	6061-T6

"✓" Stocked Item
 "✱" Pre-order Only Item
 (30-40 working days delivery)



Solid Square



Product Code	Ex Stock	A (mm)	Mass (kg/m)	Perimeter (mm)	Grade & Temper
SQBA6.3L3	✓	6.3	0.113	25.20	6061-T6
SQBA8L3	✱	8.0	0.175	29.00	6061-T6
SQBA10L3	✓	10.0	0.284	39.10	6061-T6
SQBA12L3	✓	12.0	0.401	47.10	6061-T6
SQBA16L3	✓	16.0	0.729	63.10	6061-T6
SQBA19L3	✓	19.0	1.034	75.30	6061-T6
SQBA20L3	✓	20.0	1.139	79.10	6061-T6
SQBA25L3	✓	25.0	1.781	99.10	6061-T6
SQBA31.8L3	✓	31.8	2.881	126.30	6061-T6
SQBA33L3	✓	33.0	3.104	132.00	6061-T6
SQBA38.1L3	✓	38.1	4.136	151.40	6061-T6
SQBA40L3	✓	40.0	4.560	160.00	6061-T6
SQBA42L3	✓	42.0	5.027	168.00	6061-T6
SQBA44.5L3	✓	44.5	5.643	177.10	6061-T6
SQBA51L3	✓	51.0	7.413	201.00	6061-T6
SQBA60L3	✓	60.0	10.260	240.00	6061-T6
SQBA100L3	✓	100.0	28.500	400.00	6061-T6

ALLOY	TEMPER	Thickness (mm)		Tensile Strength (MPa)				Elongation (% min in 50mm or 5.65 √A)
		Over	Up to	Ultimate		Yeild		
				Min	Max	Min	Max	
1350	-H12	All Thicknessess		60				23
2011	-H4	All Thicknessess		275		125		14
2011	-T6	-	25.0	350		220		8
		25.0	75.0	345		220		8
		75.0	-	340		200		8
2014	-T4	-	10.0	370		240		15
		10.0	100.0	385		245		13
		100.0	150.0	385		245		10
		150.0	200.0	370		240		10
2014	-T6	-	10.0	430		385		8
		10.0	25.0	465		415		6
		25.0	100.0	495		450		6
		100.0	150.0	465		415		6
6351	-T4	-	150.0	185		115		16
6351	-T5	All Thicknessess		260		240		8
6351	-T54	-	12.5	205		140		10
6351	-T6	-	150.0	295		255		8
6082	-T4	-	150.0	190		120		14
		150.0	200.0	170		110		11
6082	-T5	-	6.0	270		230		8
6082	-T6	-	20.0	295		255		7
		20.0	150.0	310		270		7
		150.0	200.0	280		240		5
6061	-O _s	All Thicknessess			150		110	14
6061	-T1	-	12.5	180		95		16
6061	-T4	All Thicknessess		180		110		14
6061	-T42	All Thicknessess		180		85		14
6061	-T51	-	16.0	240		205		8
6061	-T6	All Thicknessess		260		240		8
6262	-T6	All Thicknessess		260		240		8
6060	-T0	All Thicknessess			130			16
6060	-T1	-	12.0	115		60		12
		12.0	25.0	110		55		10
6060	-T4				120	60		14
6060	-T591	All Thicknessess		120		75		12
6060	-T5	-	12.0	150		110		6
		12.0	25.0	145		105		6
6060	-T52	-	12.0	150	205	110		8
SF6060	-T6			205		170		8
6063	-O	All Thicknessess			130			16
6063	-T1	-	12.0	115		60		12
		12.0	25.0	110		55		10
6063	-T4	-	150.0	130		70		12
6063	-T5	-	12.0	150		110		8
		120.0	25.0	145		105		6
6063	-T52	-	12.0	150	205	110		8

ALLOY	TEMPER	Thickness (mm)		Tensile Strength (MPa)				Elongation (% min in 50mm or 5.65 √A)
		Over	Up to	Ultimate		Yield		
				Min	Max	Min	Max	
6063	-T6	-	25.0	205		170		8
		25.0	150.0	185		160		10
6063	-H112	All Thicknesses		110				13
6106	-T4	-	150.0	130		70		12
6106	-T6	-	10.0	235		210		8
			25.0	205		170		8
		25.0	150.0	185		160		10
6463A	-T1	-	12.0	115		60		12
6463A	-T5	-	12.0	15		110		8
6463A	-T6	-	3.0	205		170		8
		3.0	12.0	205		170		10
6005A	-T4	-	12.0	180		110		14
6005A	-T5	All Thicknesses		260		240		8
6261	-T1	All Thicknesses		190		115		14
6261	-T5	-	5.0	295		255		7
		5.0	10.0	280		240		7
6261	-T6	All Thicknesses		295		255		7
7005	-T53	-	20.0	350		300		10

ALLOY	TEMPER	Thickness (mm)		Tensile Strength (MPa)				Elongation (% min in 50mm or 5.65 √A)
		Over	Up to	Ultimate		Yield		
				Min	Max	Min	Max	
1050	-O	0.15	0.50		95			15
		0.50	0.80		95			20
		0.80	1.30		95			25
		1.30	6.00		95			30
1050	-H12	0.25	0.50	80	110			4
		0.50	0.80	80	110			5
		0.80	1.30	80	110			6
		1.30	2.60	80	110			8
		2.60	6.00	80	110			12
1050	-H14	0.25	0.30	100	125			2
		0.30	0.50	100	125			3
		0.50	0.80	100	125			4
		0.80	1.30	100	125			5
		1.30	2.60	100	125			6
		2.60	12.00	100	125			8
1050	-H16	0.15	0.50	115	140			2
		0.50	0.80	115	140			3
		0.80	1.30	115	140			4
		1.30	4.00	115	140			5
1050	-H18	0.15	0.50	130				1
		0.50	0.80	130				2
		0.80	1.30	130				3
		1.30	1.60	130				4
		1.60	3.25	130				5
1050	-H112	6.00	25.00	60				30
1100	-O	0.15	0.50	75	105	25		15
		0.50	0.80	75	105	25		20
		0.80	1.30	75	105	25		25
		1.30	6.00	75	105	25		30
		6.00	75.00	75	105	25		26
1100	-H12	0.40	0.50	95	130	75		3
		0.50	0.80	95	130	75		4
		0.80	1.30	95	130	75		6
		1.30	3.00	95	130	75		8
		3.00	6.00	95	130	75		9
		6.00	12.00	95	130	75		9
12.00	50.00	95	130	75		10		
1100	-H14	0.25	0.30	110	145			1
		0.30	0.50	110	145	95		2
		0.50	0.80	110	145	95		3
		0.80	1.30	110	145	95		4
		1.30	3.00	110	145	95		5
		3.00	6.00	110	145	95		6
		6.00	12.00	110	145	95		6
		12.00	25.00	110	145	95		8

ALLOY	TEMPER	Thickness (mm)		Tensile Strength (MPa)				Elongation (% min in 50mm or 5.65 √A)
		Over	Up to	Ultimate		Yeild		
				Min	Max	Min	Max	
1100	-H16	0.15	0.50	130	165	115		1
		0.50	0.80	130	165	115		2
		0.80	1.30	130	165	115		3
		1.30	4.00	130	165	115		4
1100	-H18	0.15	0.50	150				1
		0.50	0.80	150				2
		0.80	1.30	150				3
		1.30	3.25	150				4
1100	-H112	6.00	12.00	90		50		9
		12.00	50.00	85		35		13
		50.00	75.00	80		30		18
1200	-O	0.15	0.50		105	25		15
		0.50	0.80		105	25		20
		0.80	1.30		105	25		25
		1.30	6.00		105	25		30
		6.00	75.00	75	105	25		26
1200	-H12	0.40	0.50	95	130	75		3
		0.50	0.80	95	130	75		4
		0.80	1.30	95	130	75		6
		3.00	1.30	95	130	75		8
		6.00	3.00	95	130	75		9
		12.00	6.00	95	130	75		9
		50.00	12.00	95	130	75		10
1200	-H14	0.25	0.30	110	145			1
		0.30	0.50	110	145	95		2
		0.50	0.80	110	145	95		3
		0.80	1.30	110	145	95		4
		3.00	3.00	110	145	95		5
		6.00	6.00	110	145	95		6
		12.00	12.00	110	145	95		6
		25.00	25.00	110	145	95		8
1200	-H16	15.00	0.50	130	165	115		1
		0.50	0.80	130	165	115		2
		0.80	1.30	130	165	115		3
		1.30	4.00	130	165	115		4
1200	-H18	0.15	0.50	150				1
		0.50	0.80	150				2
		0.80	1.30	150				3
		1.30	3.25	150				4
1200	-H112	6.00	12.00	90		50		9
		12.00	50.00	85		35		12
		50.00	75.00	80		30		18
3003	-O	0.15	0.20	95	130			14
		0.20	0.30	95	130			18
		0.30	0.80	95	130	35		20
		0.80	1.30	95	130	35		23
		1.30	6.00	95	130	35		25
		6.00	75.00	95	130	35		21

ALLOY	TEMPER	Thickness (mm)		Tensile Strength (MPa)				Elongation (% min in 50mm or 5.65 √A)
		Over	Up to	Ultimate		Yield		
				Min	Max	Min	Max	
3003	-H12	0.40	0.50	115	160	80		3
		0.50	0.80	115	160	80		4
		0.80	1.30	115	160	80		5
		1.30	3.00	115	160	80		6
		3.00	4.00	115	160	80		7
		4.00	6.00	115	160	80		8
		6.00	12.00	115	160	80		9
		12.00	50.00	115	160	80		8
3003	-H14	0.25	0.30	135	180	115		1
		0.30	0.50	135	180	115		2
		0.50	0.80	135	180	115		3
		0.80	1.30	135	180	115		4
		1.30	3.00	135	180	115		5
		3.00	4.00	135	180	115		6
		4.00	6.00	135	180	115		7
		6.00	12.00	135	180	115		8
12.00	25.00	135	180	115		8		
3003	-H16	0.15	0.50	165	205	145		1
		0.50	0.80	165	205	145		2
		0.80	1.30	165	205	145		3
		1.30	4.00	165	205	145		4
3003	-H18	0.15	0.50	185		165		1
		0.50	0.80	185		165		2
		0.80	1.30	185		165		3
		1.30	3.25	185		165		4
3003	-H112	6.00	12.00	115		70		8
		12.00	50.00	105		40		10
		50.00	75.00	100		40		16
5005	-O	0.15	0.20	105	145			12
		0.20	0.30	105	145			14
		0.30	0.50	105	145	35		16
		0.50	0.80	105	145	35		18
		0.80	1.30	105	145	35		20
		1.30	3.00	105	145	35		21
		3.00	6.00	105	145	35		22
5005	-H12	0.40	0.50	125	165	95		2
		0.50	0.80	125	165	95		3
		0.80	1.30	125	165	95		4
		1.30	3.00	125	165	95		6
		3.00	4.00	125	165	95		7
		4.00	6.00	125	165	95		8
5005	-H14	0.25	0.80	145	185	115		1
		0.80	1.30	145	185	115		2
		1.30	3.00	145	185	115		3
		3.00	4.00	145	185	115		5
		4.00	6.00	145	185	115		6

ALLOY	TEMPER	Thickness (mm)		Tensile Strength (MPa)				Elongation (% min in 50mm or 5.65 √A)
		Over	Up to	Ultimate		Yeild		
				Min	Max	Min	Max	
5005	-H16	0.15	0.80	165	205	135		1
		0.80	1.30	165	205	135		2
		1.30	4.00	165	205	135		3
5005	-H18	0.15	0.80	185				1
		0.80	1.30	185				2
		1.30	3.25	185				3
5005	-H19	0.15	1.00	195				1
5005	-H32	0.40	0.50	115	160	85		3
		0.50	0.80	115	160	85		4
		0.80	1.30	115	160	85		5
		1.30	3.00	115	160	85		7
		3.00	4.00	115	160	85		8
		4.00	6.00	115	160	85		9
5005	-H34	0.25	0.30	135	180			2
		0.30	0.80	135	180	105		3
		0.80	1.30	135	180	105		4
		1.30	3.00	135	180	105		5
		3.00	4.00	135	180	105		6
		4.00	6.00	135	180	105		7
5005	-H36				180		165	6
5005	-H38	0.15	0.30	180				1
		0.30	0.50	180				2
		0.50	0.80	180				3
		0.80	3.25	180				4
5005	-O	0.15	0.20	170	215			-
		0.20	0.30	170	215			14
		0.30	0.50	170	215	65		15
		0.50	0.80	170	215	65		16
		0.80	1.30	170	215	65		18
		1.30	3.00	170	215	65		19
		3.00	6.00	170	215	65		20
		6.00	75.00	170	215	65		16
5052	-H32	0.40	0.50	215	265	160		4
		0.50	1.30	215	265	160		5
		1.30	3.00	215	265	160		7
		3.00	6.00	215	265	160		9
		6.00	12.00	215	265	160		11
		12.00	50.00	215	265	160		10
5052	-H34	0.25	0.50	235	285	180		3
		0.50	1.30	235	285	180		4
		1.30	3.00	235	285	180		6
		3.00	6.00	235	285	180		7
		6.00	25.00	235	285	180		8
5052	-H36	0.15	0.20	255	305			2
		0.20	0.80	255	305	200		3
		0.80	4.00	255	305	200		4

ALLOY	TEMPER	Thickness (mm)		Tensile Strength (MPa)				Elongation (% min in 50mm or 5.65 √A)
		Over	Up to	Ultimate		Yeild		
				Min	Max	Min	Max	
5052	-H38	0.15	0.20	270				2
		0.20	0.80	270		220		3
		0.80	3.25	270		220		4
5052	-H391	0.15	2.00	290		240		3
5052	-H112	6.00	12.00	195		110		7
		12.00	50.00	170		65		10
		50.00	75.00	170		65		14
5251	Mechanical properties are almost identical to 5052							
5454	-O	0.50	0.80	215	285	80		12
		0.80	1.30	215	285	80		14
		1.30	3.00	215	285	80		16
		3.00	75.00	215	285	80		16
5454	-H32	0.50	1.30	250	305	180		5
		1.30	6.00	250	305	180		8
		6.00	50.00	250	305	180		10
5454	-H34	0.50	1.30	270	325	200		4
		1.30	4.00	270	325	200		6
		4.00	6.00	270	325	200		7
		6.00	25.00	270	325	200		8
5454	-H112	6.00	12.00	220		125		8
		12.00	50.00	215		80		9
		50.00	75.00	215		80		13
5083	-O	1.30	40.00	275	350	125	200	14
		40.00	75.00	270	345	115	200	14
5083	-H111	6.00	40.00	290	350	170	285	12
5083	-H121	6.00	50.00	305	385	215	295	10
5083	-H311	6.00	40.00	290	350	170	285	14
5083	-H321	5.00	40.00	305	385	215	295	10
		40.00	75.00	280	385	200	295	10
5083	-H323	1.30	3.20	310	375	235	305	8
		3.20	6.00	310	375	235	305	10
5083	-H343	1.30	3.20	345	405	270	340	6
		3.20	6.00	345	405	270	340	8
5083	-H112	6.00	40.00	275		125		10
		40.00	75.00	270		115		10
5083	-H115	20.00	50.00	310		255		7
		50.00	70.00	305		240		7
5083	-H116	3.00	6.00	305		215		10
		6.00	30.00	305		215		10
6061	-O	0.25	0.50	150		85		14
		0.50	3.25	150		85		16
		3.25	12.00	150		85		18
		12.00	25.00	150				16
6061	-T4	0.25	0.50	205		115		14
		0.50	6.00	205		115		16
		6.00	25.00	205		115		16

ALLOY	TEMPER	Thickness (mm)		Tensile Strength (MPa)				Elongation (% min in 50mm or 5.65 √A)
		Over	Up to	Ultimate		Yeild		
				Min	Max	Min	Max	
6061	-T42	0.25	0.50	205		95		14
		0.50	6.00	205		95		16
		6.00	25.00	205		95		16
6061	-T6 & 62	0.25	0.50	290		240		8
		0.50	12.00	290		240		10
		12.00	25.00	290		240		7
7075	-T6 & 62			570		505		11
8011	-O	0.15	0.30	75	105			16
		0.30	0.80	75	105			20
		0.80	1.30	75	105			25
		1.30	5.00	75	105			30
8011	-H12	0.20	0.50	100	135			3
		0.50	0.80	100	135			4
		0.80	1.30	100	135			6
		1.30	3.00	100	135			8
		3.00	6.00	100	135			9
8011	-H14	0.20	0.50	115	150			2
		0.50	0.80	115	150			3
		0.80	1.30	115	150			4
		1.30	3.00	115	150			5
		3.00	6.00	115	150			7
8011	-H16	0.20	0.50	140	170			1
		0.50	0.80	140	170			2
		0.80	1.30	140	170			3
		1.30	3.00	140	170			4
		3.00	6.00	140	170			5
8011	-H18	0.20	0.50	160				1
		0.50	0.80	160				2
		0.80	1.30	160				3
		1.30	3.00	160				4



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