



# SD Aluminium

## Comprehensive Product Catalogue





*Your premier source for  
top-quality standard aluminium extrusions & sheets  
with expertise in tailor-made custom extrusions as well*

#### **Auckland Rosedale Branch**

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**Phone:** 09-218 2188, 09-218 2111

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# 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

### 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.

### 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.

### 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.

### Fast Delivery

With our own delivery team, we can quickly 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



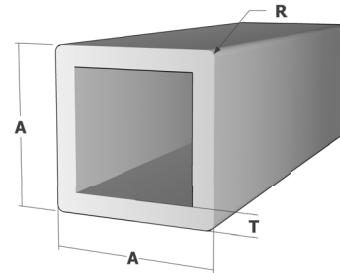
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"✓" Stocked Item  
"\*" Pre-order Only Item  
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# Square Hollow

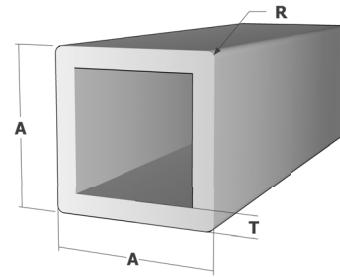


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm²)</b>
SHA10T1	*	10.0	1.0		0.103	40.00	36.00
SHA12T1	✓	12.0	1.0		0.125	48.00	44.00
SHA15T1	*	15.0	1.0		0.160	60.00	56.00
SHRA15T1R1.5	*	15.0	1.0	1.5	0.150	55.83	52.49
SHA15T1.2	*	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

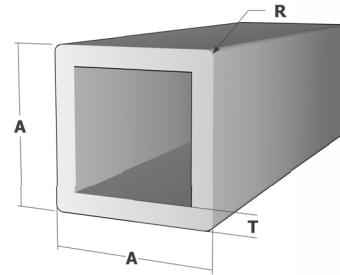


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm²)</b>
SHRA25T1.5R2	✓	25.0	1.5	2.0	0.393	96.60	137.80
SHRA25T1.8R2	*	25.0	1.8	2.0	0.463	95.80	162.30
SHA25T2	✓	25.0	2.0		0.524	100.00	184.00
SHRA25T2R2	*	25.0	2.0	2.0	0.510	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
SHRA32.2T0.8	*	32.2	0.8		0.286	128.30	100.48
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

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# Square Hollow

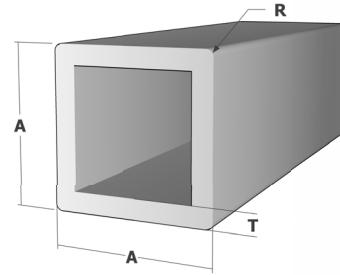


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm²)</b>
SHA40T0.8	*	40.0	0.8		0.358	160.00	125.44
SHA40T1.2	*	40.0	1.2		0.531	160.00	186.24
SHA40T1.5	*	40.0	1.5		0.658	160.00	230.92
GM-PF-23	*	40.0	2.0	3.5	0.842	154.00	295.40
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
SHA58T5	*	58.0	5.0		3.021	232.00	1060.00
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

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# Square Hollow

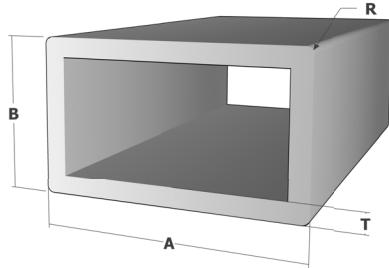


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SHA80T1.5	*	80.0	1.5		1.342	320.00	471.00
SHA80T1.8	✓	80.0	1.8		1.605	320.00	563.04
SHRA80T2.5R3.5	*	80.0	2.5	3.5	2.181	314.00	765.34
SHRA80T5R10	*	80.0	5.0	10.0	4.092	302.80	1435.62
SHRA90T1.6R8	*	90.0	1.6	8.0	1.556	346.27	545.98
SHA90T1.8	*	90.0	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

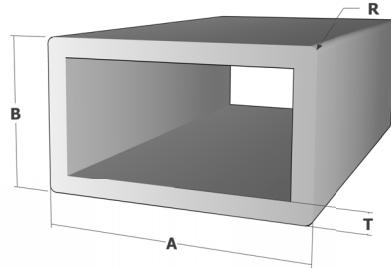


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm²)</b>
RHA15B10T1	*	15.0	10.0	1.0		0.131	50.00	46.00
RHA15B12T1.2	*	15.0	12.0	1.2		0.168	54.00	59.04
RHRA17.8B13.8T1.4R2	*	17.8	13.8	1.4	2.0	0.226	59.80	79.14
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
RHA22B18T0.66	*	22.0	18.0	0.66		0.145	79.14	50.88
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

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



# Rectangular Hollow

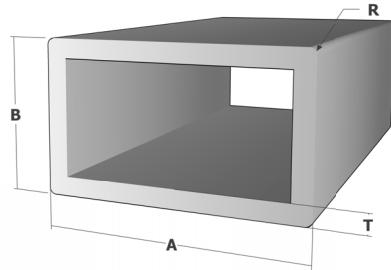


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RHRA30B20T1.5R1.5	*	30.0	20.0	1.5	1.5	0.397	97.42	139.14
RHRA30B20T1.6R1.5	*	30.0	20.0	1.6	1.5	0.422	97.40	147.90
RHA30B20T1.8	✓	30.0	20.0	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

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



# Rectangular Hollow

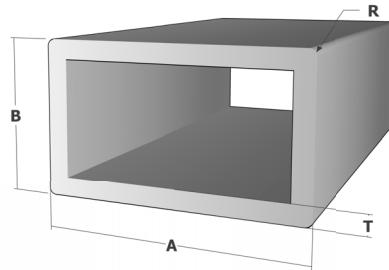


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RHRA45B35T1R2	*	45.0	35.0	1.0	2.0	0.437	156.57	153.43
RHA45B40T3	*	45.0	40.0	3.0		1.351	170.00	474.00
RHRA50B20T0.8R3	*	50.0	20.0	0.8	3.0	0.305	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

"✓" Stocked Item  
"\*" Pre-order Only Item  
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# Rectangular Hollow

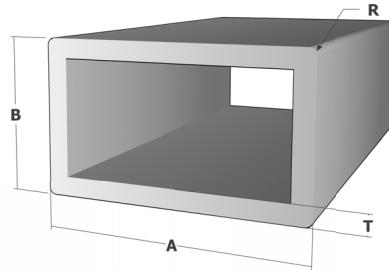


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RHA60B40T2.5	*	60.0	40.0	2.5		1.354	199.50	475.00
RHA60B40T3	✓	60.0	40.0	3.0		1.607	199.20	563.90
RHRA60B40T3R6	*	60.0	40.0	3.0	6.0	1.600	196.57	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

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



## Rectangular Hollow

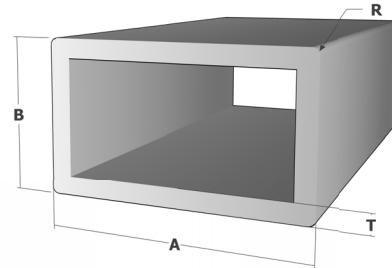


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RHA80B40T0.9	*	80.0	40.0	0.9		0.573	240.00	201.11
RHA80B40T1.5	*	80.0	40.0	1.5		1.000	240.00	350.90
RHA80B40T1.8	✓	80.0	40.0	1.8		1.194	240.00	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
RHA90B25T0.8	*	90.0	25.0	0.8		0.517	229.50	181.40
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

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



# Rectangular Hollow



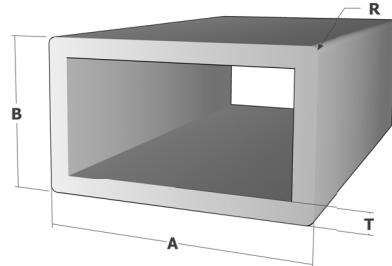
<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm²)</b>
RHA100B80T2	✓	100.0	80.0	2.0		2.006	360.00	704.00
RHRA101.6B25.4T0.9	*	101.6	25.4	0.9		0.642	253.50	225.40
RHA101.6B44.5T1	*	101.6	44.5	1.0		0.659	291.60	231.12
RHA101.6B50.8T3.2	*	101.6	50.8	3.2		2.663	304.80	934.40
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
RHA120B30T3	*	120.0	30.0	3.0		2.462	300.00	864.00
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
RHA245B220T4	*	245.0	220.0	4.0		23.325	904.25	8184.32
RHA250B50T3	✓	250.0	50.0	3.0		5.027	600.00	1764.00

"✓" Stocked Item

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



# **Rectangular Hollow**

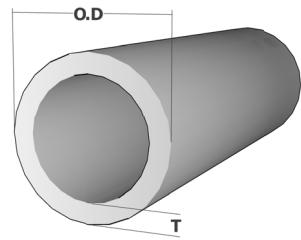


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RHA300B50T3	✓	300.0	50.0	3.0		6.047	699.00	2121.87
RHA317B220T16	*	317.0	220.0	16.0		46.117	1074.00	16181.46

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



# Round Tubes

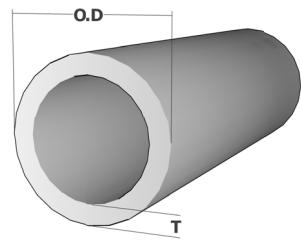


<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RTD8T1.2	*	8.0	1.2	0.073	25.13	25.65
RTD8T1.5	*	8.0	1.5	0.087	25.13	30.63
RTD8.9T1.8	*	8.9	1.8	0.114	27.95	40.15
RTD8.9T1.55	*	8.9	1.55	0.102	27.95	35.79
RTD9T1.4	*	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
RTD11.8T0.95	*	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
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
RTD12.7T3.57	*	12.7	3.57	0.292	27.20	102.46
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	0.127	40.84	44.49
RTD13T1.4	*	13.0	1.4	0.145	40.84	51.02
RTD13T2	✓	13.0	2.0	0.197	40.84	69.12
RTD13T4.7	*	13.0	4.7	0.349	40.84	112.55
RTD13.7T2	*	13.7	2.0	0.210	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
RTD14T0.8	*	14.0	0.8	0.095	43.96	33.16

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



# Round Tubes

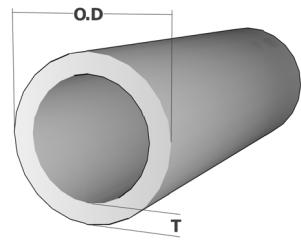


<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RTD14T0.9	*	14.0	0.9	0.106	43.96	37.02
RTD14T1.2	*	14.0	1.2	0.138	43.96	48.26
RTD14T1.5	*	14.0	1.5	0.168	43.96	58.88
RTD14T2	✓	14.0	2.0	0.215	44.00	75.40
RTD14T3.6	*	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
RTD17T0.7	*	17.0	0.7	0.102	53.41	35.79
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

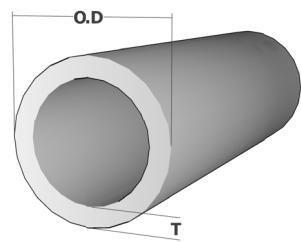


<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RTD18T2	*	18.0	2.0	0.287	56.55	100.53
RTD18T3	✓	18.0	3.0	0.403	56.55	141.37
RTD18T4	*	18.0	4.0	0.502	56.55	176.00
RTD18T5.6	*	18.0	5.6	0.622	56.55	218.15
RTD18T6.1	*	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

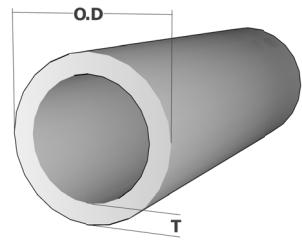


<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RTD21T1	*	21.0	1.0	0.179	66.00	62.83
RTD21T2	*	21.0	2.0	0.340	66.00	119.40
RTD21T2.3	*	21.0	2.3	0.385	65.94	135.05
RTD21T2.5	*	21.0	2.5	0.414	65.97	145.30
RTD21T3	*	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

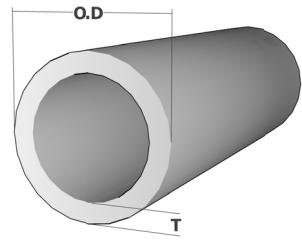


<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RTD23.9T1	*	23.9	1.0	0.205	75.05	71.91
RTD24T1	*	24.0	1.0	0.206	75.40	72.26
RTD24T2	✓	24.0	2.0	0.394	75.40	138.23
RTD24T2.5	*	24.0	2.5	0.481	75.40	168.86
RTD24T3	*	24.0	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

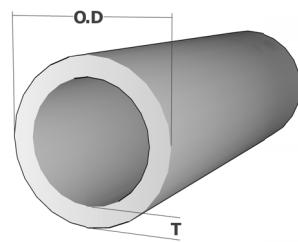


<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RTD25.5T1	*	25.5	1.0	0.219	80.11	77.00
RTD25.5T1.2	*	25.5	1.2	0.261	80.11	91.61
RTD25.5T2	*	25.5	2.0	0.421	80.11	147.66
RTD25.6T1.4	*	25.6	1.4	0.303	80.38	106.38
RTD25.9T1.3	*	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
RTD26.5T2	*	26.5	2.0	0.439	83.25	153.94
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

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



# Round Tubes

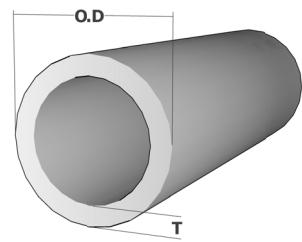


<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RTD28T4	✓	28.0	4.0	0.859	87.92	301.44
RTD28T5	*	28.0	5.0	1.030	88.00	361.28
RTD28T6.9	*	28.0	6.9	1.304	88.00	457.39
RTD28T11.1	*	28.0	11.1	1.680	88.00	589.33
RTD28.3T1	*	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
RTD31.7T2	*	31.7	2.0	0.532	99.60	186.61
RTD31.8T1.1	*	31.8	1.1	0.302	99.85	106.08
RTD31.8T2.9	*	31.8	2.9	0.750	99.85	263.30
RTD31.8T3.15	*	31.8	3.15	0.808	99.85	283.52
RTD32T0.8	*	32.0	0.8	0.223	100.48	78.37

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



# Round Tubes

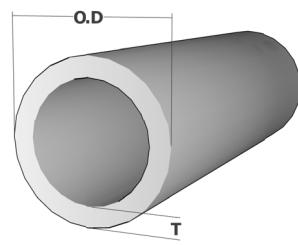


<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RTD32T1	*	32.0	1.0	0.278	100.53	97.39
RTD32T1.2	*	32.0	1.2	0.331	100.48	116.05
RTD32T1.4	*	32.0	1.4	0.383	100.48	134.52
RTD32T1.5	*	32.0	1.5	0.409	100.48	143.66
RTD32T1.6	✓	32.0	1.6	0.435	100.48	152.73
RTD32T2	*	32.0	2.0	0.537	100.48	188.40
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
RTD34.6T1.35	*	34.6	1.35	0.402	108.70	141.02
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

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



# Round Tubes

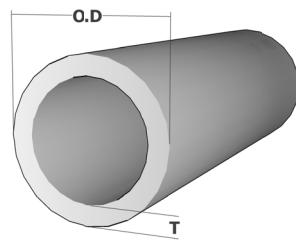


<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RTD35.2T0.8	*	35.2	0.8	0.246	110.53	86.41
RTD35.4T1.4	*	35.4	1.4	0.426	111.16	149.46
RTD35.5T0.8	*	35.5	0.8	0.248	111.47	87.17
RTD35.5T0.9	*	35.5	0.9	0.279	111.47	97.78
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
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
RTD38T5	*	38.0	5.0	1.477	119.32	518.36
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

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



# Round Tubes

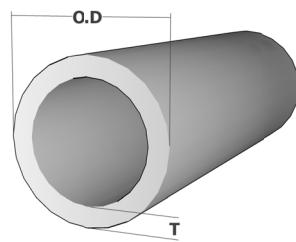


<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RTD40.7T0.75	*	40.7	0.75	0.268	127.80	94.08
RTD41T0.8	*	41.0	0.8	0.288	128.74	100.98
RTD41T0.9	*	41.0	0.9	0.323	128.74	113.32
RTD41T1.2	*	41.0	1.2	0.427	128.74	149.97
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
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
RTD44.5T10.35	*	44.5	10.35	3.165	139.80	1110.40
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

"✓" Stocked Item  
"\*" Pre-order Only Item  
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# Round Tubes

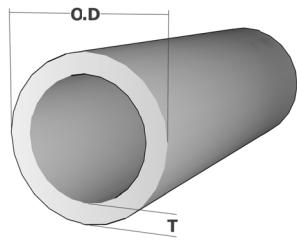


<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RTD50T2.5	*	50.0	2.5	1.063	157.00	372.88
RTD50T2.7	*	50.0	2.7	1.143	157.00	401.01
RTD50T2.8	*	50.0	2.8	1.183	157.00	414.98
RTD50T3	✓	50.0	3.0	1.262	157.00	442.74
RTD50T3.5	*	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
RTD50T8	*	50.0	8.0	3.008	157.00	1055.58
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
RTD51.5T12.2	*	51.5	12.2	4.293	161.79	1506.30
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
RTD57.5T3	*	57.5	3.0	1.464	180.64	513.65
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
RTD60T7	*	60.0	7.0	3.322	188.50	1165.53
RTD60T9	*	60.0	9.0	4.110	188.50	1442.00
RTD60T15	*	60.0	15.0	6.044	188.50	2120.58
RTD60.9T8	*	60.9	8.0	3.789	190.32	1329.52
RTD63T1.5	*	63.0	1.5	0.826	197.82	289.67
RTD63T1.8	*	63.0	1.5	0.986	197.82	346.10
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
RTD66T13	*	66.0	13.0	6.169	207.35	2164.56
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

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



# Round Tubes

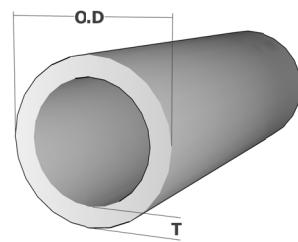


<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RTD70T2	*	70.0	2.0	1.217	219.80	427.04
RTD70T4	✓	70.0	4.0	2.363	219.80	828.96
RTD70T10	*	70.0	10.0	5.372	219.80	1884.96
RTD70T15	*	70.0	15.0	7.387	219.80	2591.81
RTD70T17.5	*	70.0	17.5	8.226	219.80	2886.34
RTD70T25	*	70.0	25.0	10.073	219.80	3534.29
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
RTD76T5	*	76.0	5.0	3.179	238.64	1115.27
RTD76.2T1.3	*	76.2	1.3	0.872	239.40	305.90
RTD80T5	*	80.0	5.0	3.358	251.33	1178.10
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
RTD80T20	*	80.0	20.0	10.744	251.33	3769.91
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
RTD85T10	*	85.0	10.0	6.715	267.04	2356.19
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
RTD85T22.5	*	85.0	22.5	12.591	267.04	4417.87
RTD85T25	*	85.0	25.0	13.430	267.04	4712.39
RTD85T32.5	*	85.0	32.5	15.277	267.04	5360.34
RTD88.9T5.3	*	88.9	5.3	3.967	279.46	1391.98
RTD89T4	✓	89.0	4.0	3.043	279.46	1067.60

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



# Round Tubes

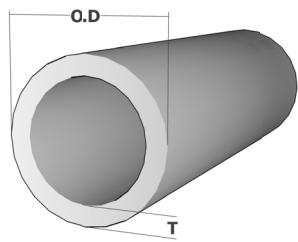


<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RTD89T5	*	89.0	5.0	3.760	279.46	1319.47
RTD89.6T1.5	*	89.6	1.5	1.183	281.50	415.16
RTD90T2	*	90.0	2.0	1.575	282.60	552.64
RTD90T10	*	90.0	10.0	7.163	282.74	2513.17
RTD90T12.5	*	90.0	12.5	8.674	282.74	3043.42
RTD90T15	*	90.0	15.0	10.073	282.74	3534.29
RTD90T15.25	*	90.0	15.25	10.206	282.74	3581.22
RTD90T17.5	*	90.0	17.5	11.360	282.74	3985.90
RTD90T20	*	90.0	20.0	12.535	282.74	4398.23
RTD90T25	*	90.0	25.0	14.550	282.74	5105.09
RTD90T27.5	*	90.0	27.5	15.389	282.74	5399.61
RTD90T35	*	90.0	35.0	17.236	282.74	6047.57
RTD94T1.5	*	94.0	1.5	1.242	295.31	435.90
RTD95T0.8	*	95.0	0.8	0.674	298.30	236.63
RTD95T10	*	95.0	10.0	7.611	298.45	2670.35
RTD95T12.5	*	95.0	12.5	9.233	298.45	3239.77
RTD95T15	*	95.0	15.0	10.744	298.45	3769.91
RTD95T17.5	*	95.0	17.5	12.143	298.45	4260.47
RTD95T17.75	*	95.0	17.75	12.277	298.45	4307.71
RTD95T20	*	95.0	20.0	13.430	298.45	4712.39
RTD95T22.5	*	95.0	22.5	14.605	298.45	5124.72
RTD95T27.5	*	95.0	27.5	16.620	298.45	5831.58
RTD95T30	*	95.0	30.0	17.459	298.45	6126.11
RTD95T37.5	*	95.0	37.5	19.306	298.45	6774.06
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
RTD100T12.5	*	100.0	12.5	9.793	314.16	3436.12
RTD100T15	*	100.0	15.0	11.416	314.16	4005.53
RTD100T17.5	*	100.0	17.5	12.927	314.16	4535.67
RTD100T20	*	100.0	20.0	14.326	314.16	5026.55
RTD100T20.25	*	100.0	20.25	14.459	314.16	5073.48
RTD100T22.5	*	100.0	22.5	15.613	314.16	5478.15
RTD100T25	*	100.0	25.0	16.788	314.16	5890.49
RTD100T30	*	100.0	30.0	18.802	314.16	6597.35
RTD100T32.5	*	100.0	32.5	19.642	314.16	6891.87
RTD100T40	*	100.0	40.0	21.488	314.16	7539.82
RTD102T0.9	*	102.0	0.9	0.814	320.28	285.71

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



# Round Tubes

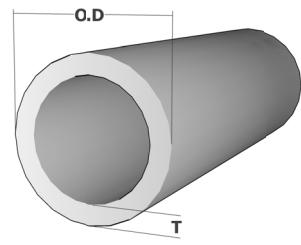


<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RTD102T1	*	102.0	1.0	0.904	320.28	317.30
RTD102T2	*	102.0	2.0	1.791	320.28	628.30
RTD102T3	*	102.0	3.0	2.659	320.28	933.05
RTD105T12.5	*	105.0	12.5	10.353	329.87	3632.47
RTD105T15	*	105.0	15.0	12.087	329.87	4241.15
RTD105T17.5	*	105.0	17.5	13.710	329.87	4810.56
RTD105T20	*	105.0	20.0	15.221	329.87	5340.71
RTD105T22.5	*	105.0	22.5	16.620	329.87	5831.58
RTD105T22.75	*	105.0	22.75	16.754	329.87	5878.51
RTD105T25	*	105.0	25.0	17.907	329.87	5878.51
RTD105T27.5	*	105.0	27.5	19.082	329.87	6695.52
RTD105T32.5	*	105.0	32.5	21.097	329.87	7402.38
RTD105T35	*	105.0	35.0	21.936	329.87	7696.90
RTD105T42.5	*	105.0	42.5	23.783	329.87	8344.86
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
RTD110T17.5	*	110.0	17.5	14.494	345.58	5085.45
RTD110T20	*	110.0	20.0	16.116	345.58	5654.87
RTD110T22.5	*	110.0	22.5	17.627	345.58	6185.01
RTD110T25	*	110.0	25.0	19.026	345.58	6675.88
RTD110T25.25	*	110.0	25.525	19.160	345.58	6722.81
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
RTD120T30.25	*	120.0	30.25	24.308	377.00	8529.23
RTD120T32.5	*	120.0	32.5	25.462	377.00	8933.90
RTD120T35	*	120.0	35.0	26.637	377.00	9346.23
RTD120T40	*	120.0	40.0	28.651	377.00	10053.10
RTD120T42.5	*	120.0	42.5	29.491	377.00	10347.62
RTD120T50	*	120.0	50.0	31.337	377.00	10995.57

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



# Round Tubes

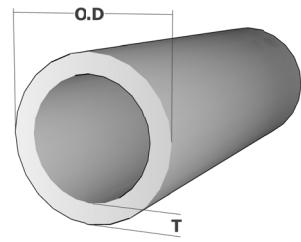


<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RTD125T12.5	*	125.0	12.5	12.591	392.70	4417.86
RTD125T17.5	*	125.0	17.5	16.844	392.70	5910.12
RTD125T22.5	*	125.0	22.5	20.649	392.70	7245.30
RTD125T25	*	125.0	25.0	22.384	392.70	7853.98
RTD125T27.5	*	125.0	27.5	24.007	392.70	8423.40
RTD125T30	*	125.0	30.0	25.518	392.70	8953.54
RTD125T32.5	*	125.0	32.5	26.917	392.70	9444.41
RTD125T32.75	*	125.0	32.75	27.050	392.70	9491.34
RTD125T35	*	125.0	35.0	28.204	392.70	9896.02
RTD125T37.5	*	125.0	37.5	29.379	392.70	10308.35
RTD125T42.5	*	125.0	42.5	31.393	392.70	11015.21
RTD125T45	*	125.0	45.0	32.233	392.70	11309.73
RTD125T52.5	*	125.0	52.5	34.079	392.70	11957.69
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
RTD130T27.5	*	130.0	27.5	25.238	408.41	8855.36
RTD130T30	*	130.0	30.0	26.861	408.41	9424.78
RTD130T32.5	*	130.0	32.5	28.372	408.41	9954.92
RTD130T35	*	130.0	35.0	29.771	408.41	10445.80
RTD130T35.25	*	130.0	35.25	29.904	408.41	10492.72
RTD130T37.5	*	130.0	37.5	31.058	408.41	10897.40
RTD130T40	*	130.0	40.0	32.233	408.41	11309.73
RTD130T45	*	130.0	45.0	34.247	408.41	12016.59
RTD130T47.5	*	130.0	47.5	35.087	408.41	12311.12
RTD130T55	*	130.0	55.0	36.933	408.41	12959.07
RTD133T2.3	*	133.0	2.3	2.692	417.62	944.39
RTD133T4	*	133.0	4.0	4.620	417.62	1621.06
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
RTD140T10	*	140.0	10.0	11.640	439.82	4084.07
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
RTD140T32.5	*	140.0	32.5	31.281	439.82	10975.94
RTD140T35	*	140.0	35.0	32.904	439.82	11545.35

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



# Round Tubes

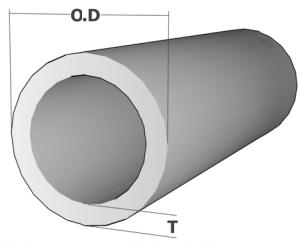


<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RTD140T37.5	*	140.0	37.5	34.415	439.82	12075.50
RTD140T40	*	140.0	40.0	35.814	439.82	12566.37
RTD140T40.25	*	140.0	40.25	35.948	439.82	12613.30
RTD140T42.5	*	140.0	42.5	37.101	439.82	13017.97
RTD140T45	*	140.0	45.0	38.276	439.82	13430.31
RTD140T50	*	140.0	50.0	40.291	439.82	14137.17
RTD140T52.5	*	140.0	52.5	41.130	439.82	14431.69
RTD140T60	*	140.0	60.0	42.977	439.82	15079.65
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
RTD180T15	*	180.0	15.0	22.160	565.49	7775.44
RTD180T20	*	180.0	20.0	28.651	565.49	10053.10
RTD180T25	*	180.0	25.0	34.695	565.49	12173.67

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



# Round Tubes



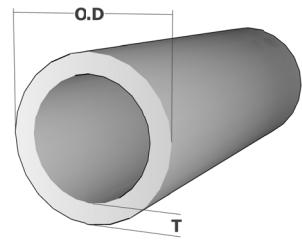
<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
RTD180T30	*	180.0	30.0	40.291	565.49	14137.17
RTD180T35	*	180.0	35.0	45.439	565.49	15943.58
RTD180T40	*	180.0	40.0	50.140	565.49	17592.92
RTD180T45	*	180.0	45.0	54.393	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
RTD185T17.5	*	185.0	17.5	26.245	581.20	9208.79
RTD185T22.5	*	185.0	22.5	32.736	581.20	11486.45
RTD185T27.5	*	185.0	27.5	38.780	581.20	13607.02
RTD185T32.5	*	185.0	32.5	44.376	581.20	15570.52
RTD185T37.5	*	185.0	37.5	49.524	581.20	17376.93
RTD185T42.5	*	185.0	42.5	54.225	581.20	19026.27
RTD185T47.5	*	185.0	47.5	58.478	581.20	20518.53
RTD185T57.5	*	185.0	57.5	65.641	581.20	23031.80
RTD186T8	*	186.0	8.0	12.750	581.20	4473.63
RTD189.5T15.6	*	189.5	15.6	24.290	595.33	8522.64
RTD200T6	*	200.0	6.0	10.422	628.32	3656.81
RTD200T10	*	200.0	10.0	17.012	628.32	5969.03
RTD220T10	✓	220.0	10.0	18.802	691.15	6597.34
RTD220T15	*	220.0	15.0	27.532	691.15	9660.40
RTD220T20	*	220.0	20.0	35.814	691.15	12566.37
RTD230T10	*	230.0	10.0	19.698	722.57	6911.50
RTD230T15	*	230.0	15.0	28.875	722.57	10131.64
RTD230T20	*	230.0	20.0	37.605	722.57	13196.69
RTD230T25	*	230.0	25.0	45.887	722.57	16100.66
RTD240T10	*	240.0	10.0	20.593	753.98	7225.66
RTD240T15	*	240.0	15.0	20.593	753.98	10602.88
RTD240T20	*	240.0	20.0	30.218	753.98	13823.01
RTD240T25	*	240.0	25.0	39.396	753.98	16886.06
RTD240T30	*	240.0	30.0	48.125	753.98	19792.03
RTD250T10	*	250.0	10.0	21.488	785.40	7539.82
RTD270T10	*	270.0	10.0	23.279	848.23	8186.14
RTD270T20	*	270.0	20.0	44.768	848.23	15707.96
RTD280T8	*	280.0	8.0	19.483	879.64	6836.11
RTD280T15	*	280.0	15.0	35.590	879.64	12487.83
RTD280T25	*	280.0	25.0	57.079	879.64	20027.65
RTD290T22.5	*	290.0	22.5	53.889	911.06	18908.46
RTD300T10	*	300.0	10.0	25.965	942.48	9110.62

"✓" Stocked Item

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



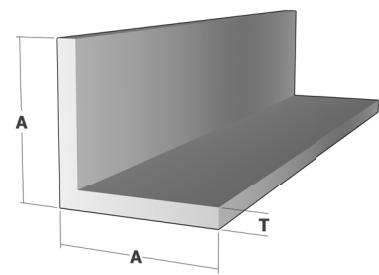
# **Round Tubes**



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



# Equal Angles

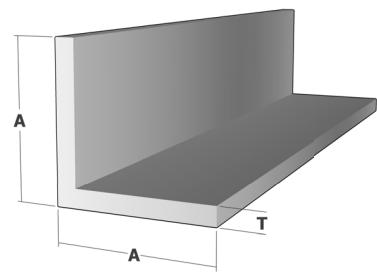


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm²)</b>
EAA9T0.6	*	9.0	0.6	0.030	36.00	10.40
EAA10T1.6	✓	10.0	1.6	0.084	40.00	29.44
EAA11T1.2	*	11.0	1.2	0.073	44.00	25.64
EAA12T1.2	*	12.0	1.2	0.078	48.00	27.36
EAA12T1.6	✓	12.0	1.6	0.102	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
EAA16T1.5	✓	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	0.337	79.50	76.00
EAA25T3	✓	25.0	3.0	0.400	99.00	140.52
GM-VT-LS-1000	*	25.4	1.9	0.265	102.00	92.83
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

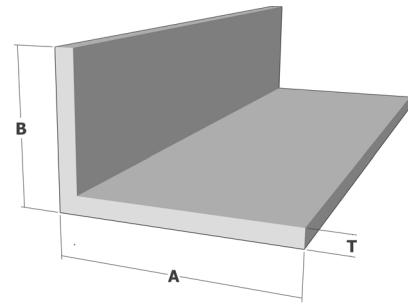


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm²)</b>
EAA40T4	*	40.0	4.0	0.866	160.00	304.00
EAA40T6	✓	40.0	6.0	1.270	160.00	444.00
EASA40T7	*	40.0	7.0	1.448	159.00	508.23
EAA50T1.6	✓	50.0	1.6	0.449	200.00	157.44
EAA50T2	✓	50.0	2.0	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
EAA125T10	*	125.0	10.0	6.840	500.00	2400.00
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

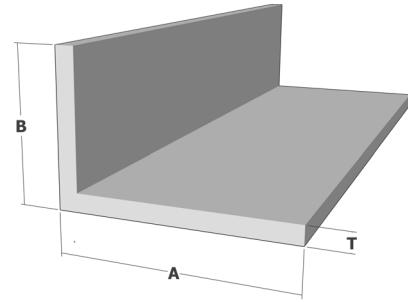


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm²)</b>
UAA10B5T1	*	10.0	5.0	1.0	0.040	29.23	13.92
UAA15B10T1	*	15.0	10.0	1.0	0.068	50.00	24.00
UAA18B10T1	✓	18.0	10.0	1.0	0.077	56.00	27.00
UAA19B8T1.5	*	19.0	8.0	1.5	0.105	52.98	36.82
UAA20B10T0.8	*	20.0	10.0	0.8	0.067	60.00	23.36
UAA20B11T1.5	*	20.0	11.0	1.5	0.126	62.00	44.25
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

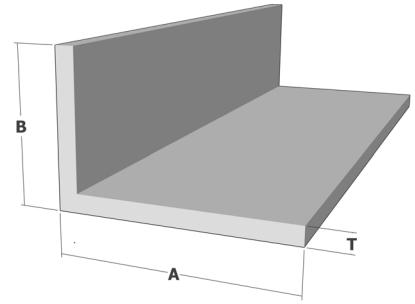


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm²)</b>
UAA45B8T1.2	*	45.0	8.0	1.2	0.177	106.00	62.10
UAA45B10T1	*	45.0	10.0	1.0	0.154	110.00	54.00
UAA45B35T3	*	45.0	35.0	3.0	0.658	160.00	231.00
UAA50B20T1.6	✓	50.0	20.0	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	0.335	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
GM0009	*	64.0	25.0	10.0	2.394	172.96	840.00
GM0010	*	64.0	25.0	10.0	2.468	172.68	865.88
GM0007	*	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
UAA75B30T4.5	*	75.0	30.0	4.5	1.289	210.00	452.25
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
GM0192	*	92.0	66.0	15.0	6.113	314.28	2145.00
GM0044	*	98.0	27.0	12.0	3.771	245.28	1323.21

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



# Unequal Angles

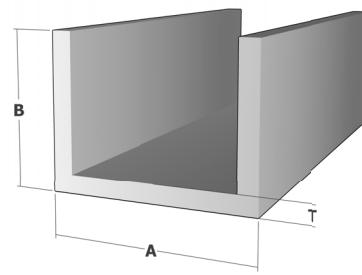


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm²)</b>
UAA100B25T3	✓	100.0	25.0	3.0	1.043	248.70	365.80
UAA100B50T4	✓	100.0	50.0	4.0	1.664	300.00	584.00
UAA100B50T5	✳	100.0	50.0	5.0	2.066	299.30	725.00
UAA100B50T6	✓	100.0	50.0	6.0	2.462	299.23	863.92
UAA100B50T8	✳	100.0	50.0	8.0	3.237	300.00	1135.92
UAA100B50T10	✳	100.0	50.0	10.0	3.990	300.00	1400.00
UAA100B65T6	✳	100.0	65.0	6.0	2.718	328.70	953.80
UAA100B75T3	✓	100.0	75.0	3.0	1.471	350.00	516.00
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
UAA125B75T8	✳	125.0	75.0	8.0	4.378	400.00	1536.00
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
ZD21-J5049	✳	160.0	78.0	10.0	7.754	464.41	2720.83
ZD-CLW1001	✳	195.0	80.0	10.0	8.843	537.77	3102.67
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  
(30-40 working days delivery)



# U Channels

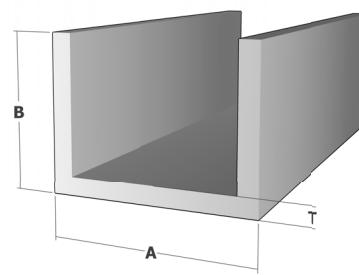


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm²)</b>
CLA4.3B8T0.6	✓	4.3	8.0	0.6	0.032	38.37	11.38
CLA5B9T1	*	5.0	9.0	1.0	0.059	43.14	20.79
CLSA5.4B22T1.5	*	5.4	11.0	1.5	0.103	50.20	36.13
CLA7.2B9.9T1.3	*	7.2	9.9	1.3	0.087	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	77.20	52.08
CLA10.3B15T1.5	*	10.3	15.0	1.5	0.159	77.60	55.95
CLA12B4T2	*	12.0	4.0	2.0	0.091	36.00	32.00
CLA12B10T1.4	*	12.0	10.0	1.4	0.117	61.20	40.88
CLA12B12T1.5	✓	12.0	12.0	1.5	0.141	68.00	49.42
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
GM-GFX-159	*	22.0	110.0	4.5	3.241	456.73	1137.06
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
CLA25B25T1.5	*	25.0	25.0	1.5	0.308	147.00	108.00
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

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



# U Channels

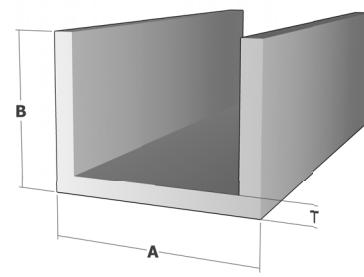


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm²)</b>
CLA25.5B12.8T1	*	25.5	12.8	1.0	0.140	99.17	49.02
CLSA26B15.5T0.7	*	26.0	15.5	0.7	0.112	111.40	39.34
CLSA28.8B35T3.5	✓	28.8	35.0	3.5	0.932	187.00	327.00
CLA29.4B40T3	*	29.4	40.0	3.0	0.917	210.8	321.80
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
CLA32B40T4	*	32.0	40.0	3.0	0.943	216.00	331.00
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
CLSA37B40T3	*	37.0	40.0	3.0	0.993	226.00	384.40
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
CLA40.2B40T3	*	40.2	40.0	3.0	1.025	232.40	359.60
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

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



# U Channels

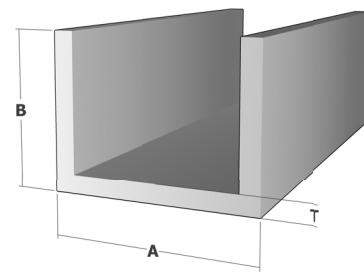


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm²)</b>
CLSA50B25T3	✓	50.0	25.0	3.0	0.803	193.00	281.90
GM-NZJUN-012	*	50.0	25.0	3.0	0.793	191.50	278.30
CLA50B30T4	*	50.0	30.0	4.0	1.163	212.00	408.00
GM-GFX-172	*	50.0	35.0	4.0	1.256	228.21	440.66
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
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
CLA65B12T1	*	65.0	12.0	1.0	0.243	172.05	85.21
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	0.262	184.97	91.92
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
CLA81.5B100T5	*	81.5	100.0	5.0	3.873	550.00	1358.89
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

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



# U Channels

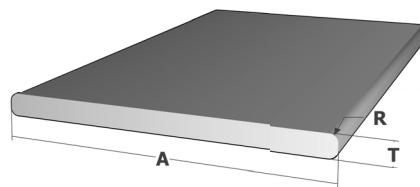


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm²)</b>
CLA100B50T5	✓	100.0	50.0	5.0	2.707	388.97	949.92
CLSA100B60T5.5	*	100.0	60.0	5.5	3.429	426.00	1203.00
CLSA100B85T1.7	*	100.0	85.0	1.7	1.158	478.96	406.31
CLA100B100T5	*	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
CLSA127B69.85T4.83	*	127.0	69.85	4.83	4.879	514.56	1711.77
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
CLA153B64T19	*	153.0	64.0	19.0	13.146	518.85	4612.71
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

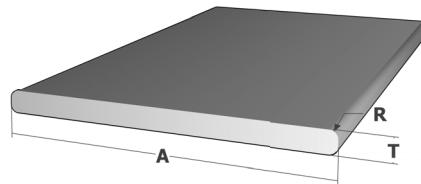


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
F BRA6.9T4.9R2.5	*	6.9	4.9	2.5	0.082	19.40	28.70
FBA7.5T2	*	7.5	2.0		0.043	19.00	15.00
FBA8T4	*	8.0	4.0		0.091	24.00	32.00
FBA10T2	*	10.0	2.0		0.057	24.00	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

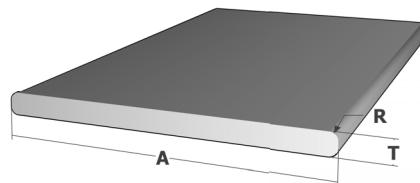


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>R(mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
FBA28T8	*	28.0	8.0		0.638	71.14	223.80
FBA28T14	*	28.0	14.0		1.117	83.14	391.80
FBA28.3T2	*	28.3	2.0		0.161	60.60	56.60
FBA29.5T3.9	*	29.5	3.9		0.328	66.80	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
FBSA30T8	✓	30.0	8.0		0.684	76.00	240.00
FBSA30T13	*	30.0	13.0	2.5	1.096	81.70	384.64
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	*	40.0	2.0		0.228	84.00	80.00
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

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



# Flat Bars

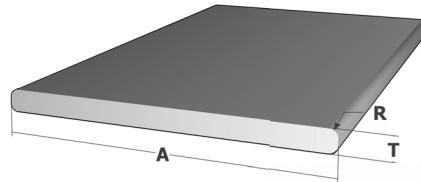


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>R(mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
FBRA50T3R1.5	*	50.0	3.0	1.5	0.422	106.00	150.00
FBA50T3	✓	50.0	3.0		0.428	106.00	150.00
FBA50T3.5	*	50.0	3.5		0.500	107.00	175.00
FBA50T4	*	50.0	4.0		0.570	108.00	200.00
FBA50T5	*	50.0	5.0		0.713	110.00	250.00
FBA50T6LB	✓	50.0	6.0		0.855	112.00	300.00
FBRA50T6R3	*	50.0	6.0	3.0	0.855	112.00	300.00
FBA50T8	*	50.0	8.0		1.140	116.00	400.00
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		0.798	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

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



# Flat Bars

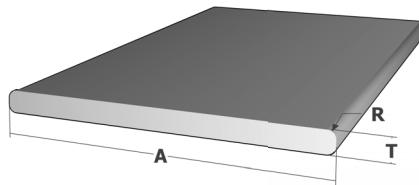


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm²)</b>
FBA80T12	✓	80.0	12.0		2.736	184.00	960.00
FBA84T4	*	84.0	4.0		0.958	176.00	336.00
FBA84T5	*	84.0	5.0		1.197	177.48	419.92
FBA84T6	*	84.0	6.0		1.436	180.00	504.00
FBA88T5	*	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
FBA110T3	*	110.0	3.0		0.940	225.50	329.92
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
FBA123T3.5	*	123.0	3.5		1.227	253.00	430.50
FBA123T4.8	*	123.0	4.8		1.683	255.60	590.40
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

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



# Flat Bars

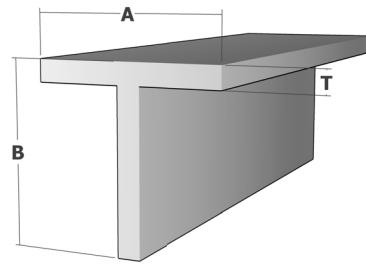


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm<sup>2</sup>)</b>
FBA140T10	*	140.0	10.0		3.990	300.00	1400.00
FBA142T3.6	*	142.0	3.6		1.457	291.20	511.20
FBA142T27	*	142.0	27.0		10.926	337.39	3833.70
FBA143T25	*	143.0	25.0		10.189	336.00	3575.00
FBA145T6	✓	145.0	6.0		2.480	302.00	870.00
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
FBA222T2.4	*	222.0	2.4		1.518	448.80	532.80
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

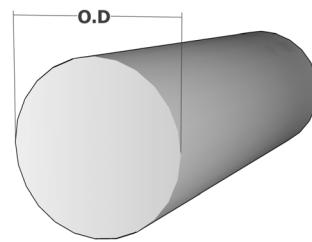


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Area (mm²)</b>
TBA15B15T1.5	*	15.0	15.0	1.5	0.122	60.00	42.75
TBA15B80T3	*	15.0	80.0	3.0	0.787	190.00	276.00
TBA19B19T3.2	✓	19.0	19.0	3.2	0.316	76.71	110.89
TBA15B35T1.1	*	15.0	35.0	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

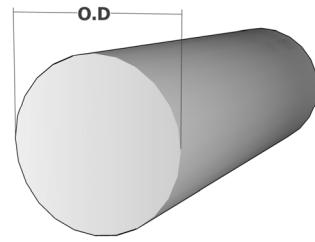


<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Grade &amp; Temper</b>
SRD4.4L3	*	4.4	0.043	13.82	6061-T6
SRD5L3	*	5.0	0.056	15.71	6061-T6
SRD5.3L3	*	5.3	0.063	16.65	6061-T6
SRD6L3	*	6.0	0.081	18.90	6061-T6
SRD6.3L3	✓	6.3	0.089	19.79	6061-T6
SRD6.8L3	*	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	1.632	84.80	6061-T6
SRD28L3	*	28.0	1.755	88.00	6061-T6
SRD29L3	✓	29.0	1.882	91.11	6061-T6
SRD30L3	*	30.0	2.015	94.25	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



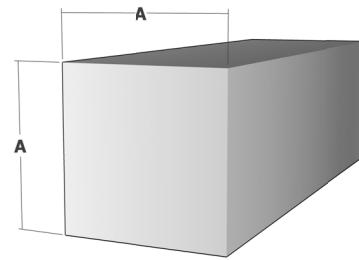
<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Grade &amp; Temper</b>
SRD35L3	*	35.0	2.742	109.96	6061-T6
SRD36L3	*	36.0	2.901	113.10	6061-T6
SRD37.5L3	*	37.5	3.148	117.81	6061-T6
SRD38.1L3	✓	38.1	3.249	119.70	6061-T6
SRD39.5L3	*	39.5	3.492	124.10	6061-T6
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
SRD45L3	✓	45.0	4.533	141.37	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	12.591	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	18.131	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
SRD135L3	*	135.0	40.795	424.12	6061-T6
SRD140L3	*	140.0	43.872	439.82	6061-T6
SRD165L3	✓	165.0	60.940	518.36	6061-T6
SRD200L3	✓	200.0	89.535	628.32	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

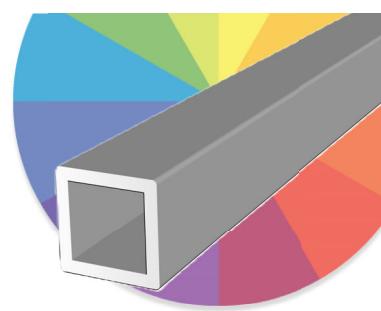


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>Mass (kg/m)</b>	<b>Perimeter (mm)</b>	<b>Grade &amp; Temper</b>
SQBA5L3	*	5.0	0.071	20.00	6061-T6
SQBA6.3L3	✓	6.3	0.113	25.20	6061-T6
SQBA8L3	*	8.0	0.175	29.00	6061-T6
SQBA10L3	✓	10.0	0.284	39.10	6061-T6
SQBA12L3	✓	12.0	0.410v	47.10	6061-T6
SQBA16L3	✓	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

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

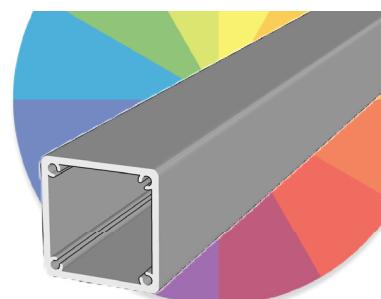


## Powder Coated Profiles Square Hollow



<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Length (m)</b>	<b>Stocked Colours</b>
SHA19T1.2R2	✓	19.0	1.2	2.0	1.20	Matt Appliance White
SHA19T1.2R2	✓	19.0	1.2	2.0	5.97	Matt Black, Matt Appliance White
SHRA25T1.5R2	✓	25.0	1.5	2.0	5.97	Matt Black, Matt Appliance White
SHRA40T2R3	✓	40.0	2.0	3.0	5.97	Matt Black, Signal White, Dark Cedar, Antique Wood
SHRA50T2R3	✓	50.0	2.0	3.0	5.97	Matt Black, Matt Ironsand, Matt Appliance White
SHRA50T3R3	✓	50.0	3.0	3.0	5.97	Matt Black
SHRA65T2.5R3	✓	65.0	2.5	3.0	5.97	Matt Black
SHRA75T3R3	✓	75.0	3.0	3.0	5.97	Matt Black
SHRA80T2.5R3.5	✓	80.0	2.5	3.5	4.80	Matt Black, Signal White
SHRA80T2.5R3.5	✓	80.0	2.5	3.5	5.97	Matt Black, Matt Appliance White
SHA100T3	✓	100.0	3.0		3.00	Matt Black, Matt Ironsand
SHA100T3	✓	100.0	3.0		5.97	Matt Black, Matt Appliance White
SHRA100T3	✓	100.0	3.0	3.0	5.97	Matt Black, Matt Appliance White
SHRA120T3	✓	120.0	3.0	3.0	5.97	Matt Black, Matt Appliance White

## Powder Coated Profiles Square Hollow with Screw Holes

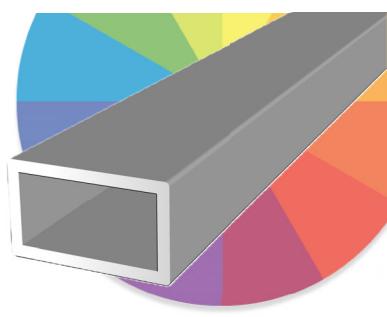


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Length (m)</b>	<b>Stocked Colours</b>
GM-NEWZ-50	✓	50.0	2.0	2.0	5.95	Matt Black, Matt Appliance White, Matt Ironsand
GM-NEWZ-49	✓	65.0	2.0	2.0	5.95	Matt Black, Matt Appliance White
GM-NEWZ-48	✓	75.0	2.5	3.0	5.95	Matt Black, Matt Ironsand, Matt Appliance White
GM-NEWZ-47	✓	100.0	4.0		5.95	Matt Black, Matt Ironsand, Matt Appliance White, Signal White

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

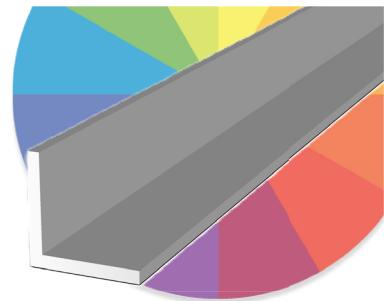


## Powder Coated Profiles Rectangular Hollow



<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Length (m)</b>	<b>Stocked Colours</b>
GM-NEWZ-127	✓	38.0	25.0	1.2		5.95	Matt Black, Matt Ironsand
GM-NEWZ-61	✓	65.0	16.0	1.2	2.0	5.95	Matt Black, Matt Appliance White
RHA75B40T2	✓	75.0	40.0	2.0		5.95	Matt Black
RHA76B44T2	✓	76.0	44.0	2.0		5.95	Matt Black, Signal White
RHA80B50T3	✓	80.0	50.0	3.0		5.95	Matt Black, Matt Ironsand
RHRA80B50T3R3	✓	80.0	50.0	3.0	3.0	5.95	Matt Black, Matt Ironsand, Matt Appliance White
GM-NEWZ-59	✓	100.0	19.7	1.4		5.95	Matt Black, Dark Cedar, Antique White
GM-NEWZ-60	✓	100.0	19.7	1.4		5.95	Matt Black, Dark Cedar, Matt Appliance White
RHA100B44T3	✓	100.0	44.0	3.0		5.95	Dark Cedar
RHA100B50T3	✓	100.0	50.0	3.0		5.95	Matt Black, Matt Ironsand
RHA120B60T3	✓	120.0	60.0	3.0		5.95	Matt Black, Matt Appliance White

## Powder Coated Profiles Equal Angle



<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>Length (m)</b>	<b>Stocked Colours</b>
EAA12T1.6	✓	12.0	1.6	3.00	Matt Black, Signal White
EAA20T1.6	✓	20.0	1.6	3.00	Matt Black, Signal White
EAA25T1.5	✓	25.0	1.5	3.00	Matt Black, Signal White
EAA25T2.5	✓	25.0	2.5	5.95	Matt Black, Matt Ironsand
EAA30T1.5	✓	30.0	1.5	3.00	Matt Black, Signal White
EAA30T3	✓	30.0	3.0	5.95	Matt Black, Matt Ironsand
EAA40T1.6	✓	40.0	1.6	3.00	Matt Black, Signal White
EAA50T1.6	✓	50.0	1.6	3.00	Matt Black, Signal White
EAA50T3	✓	50.0	3.0	5.95	Matt Black, Matt Ironsand
EAA50T6	✓	50.0	6.0	5.95	Matt Black, Matt Ironsand

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



## Powder Coated Profiles

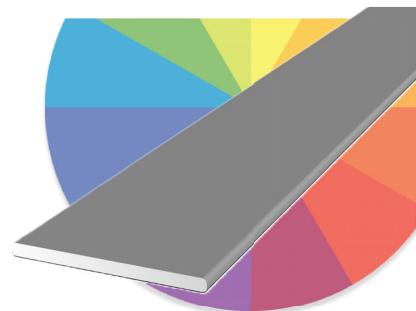
### Round Tube



<b>Product Code</b>	<b>Ex Stock</b>	<b>D (mm)</b>	<b>T (mm)</b>	<b>Length (m)</b>	<b>Stocked Colours</b>
RTD19T1.2	✓	19.0	1.2	5.95	Matt Black, Matt Appliance White
RTD19T1.6	✓	19.0	1.6	5.95	Matt Black, Matt Appliance White
RTD40T0.9	✓	40.0	0.9	5.95	Matt Black, Matt Ironsand, Signal White, Matt Charcoal
RTD49.5T0.8	✓	49.5	0.8	5.20	Matt Black, Signal White

## Powder Coated Profiles

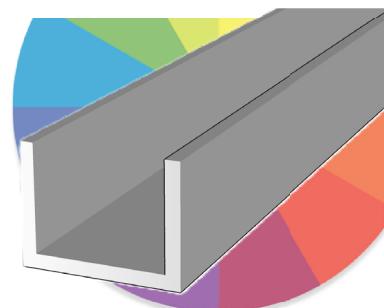
### Flat Bar



<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>Length (m)</b>	<b>Stocked Colours</b>
FBA25T3	✓	25.0	3.0	5.97	Matt Black, Signal White
FBA50T3	✓	50.0	3.0	5.97	Matt Black
FBA50T10	✓	50.0	10.0	5.97	Matt Black, Matt Ironsand
FBA70T10	✓	70.0	10.0	6.00	Matt Black
FBA90T6	✓	90.0	6.0	5.40	Matt Black, Matt Appliance, Matt Ironsand, Dark Cedar

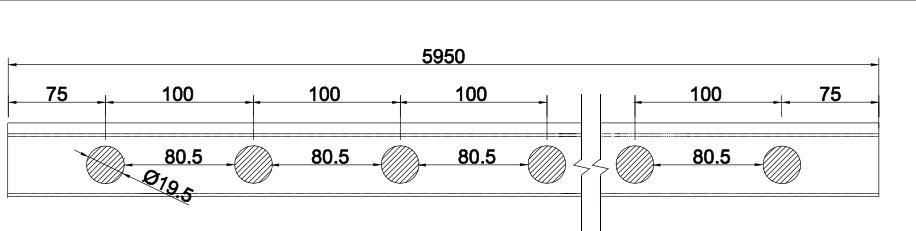
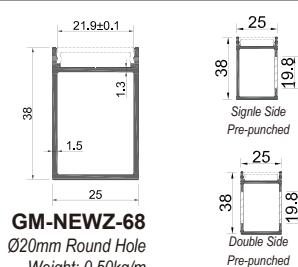
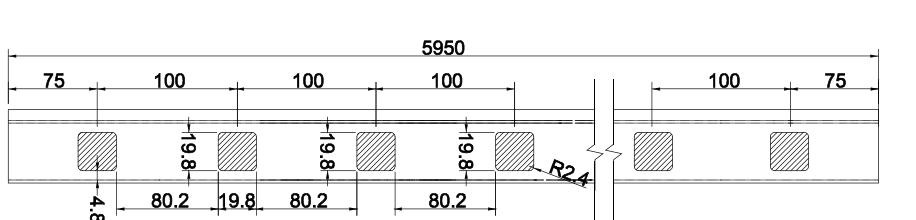
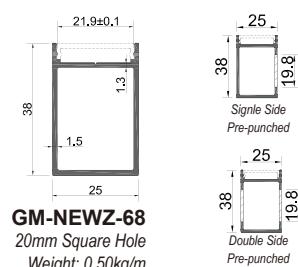
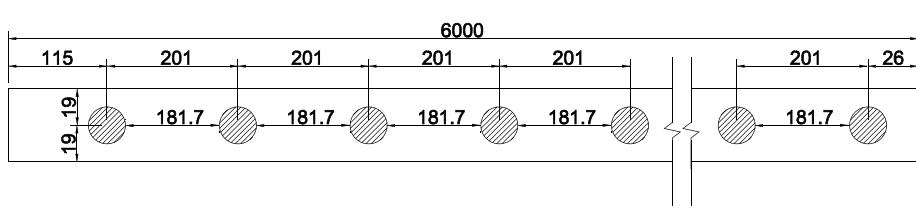
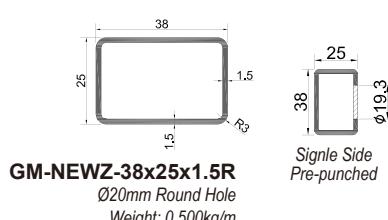
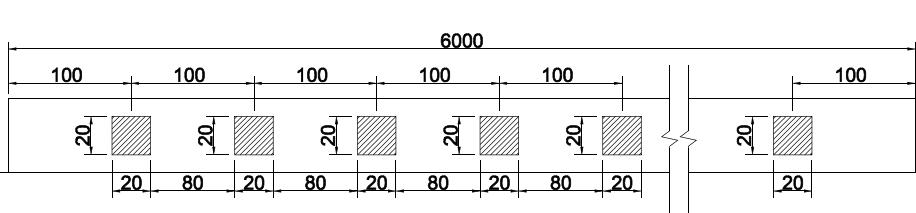
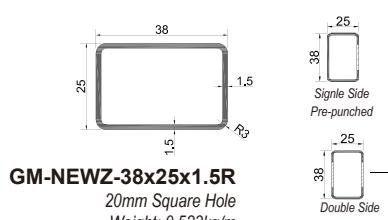
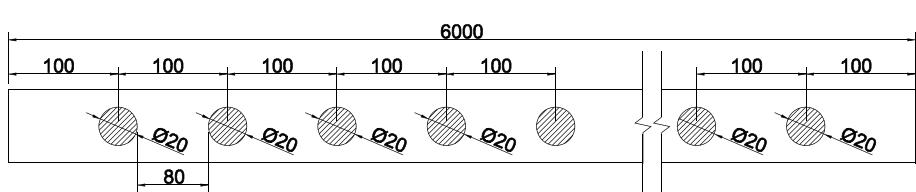
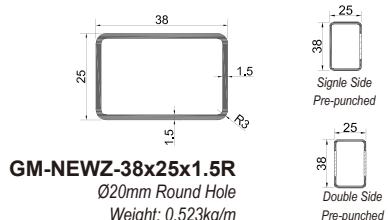
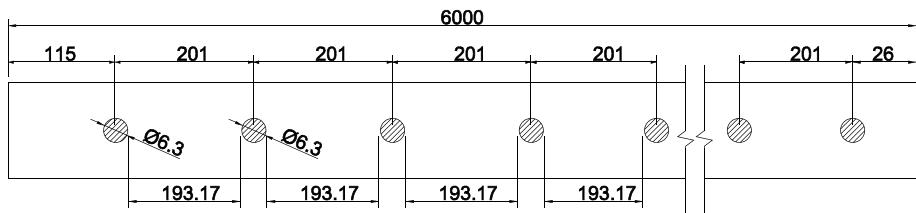
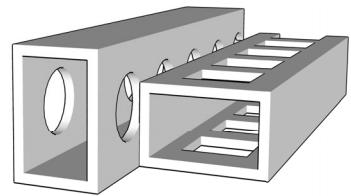
## Powder Coated Profiles

### Channel

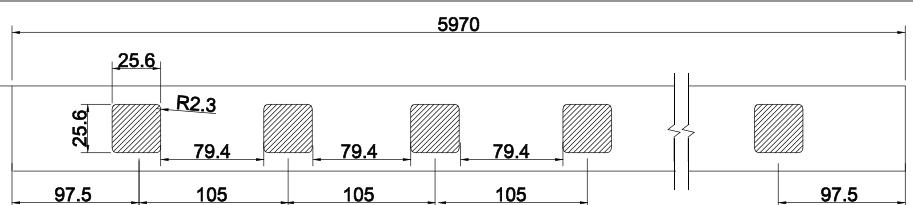
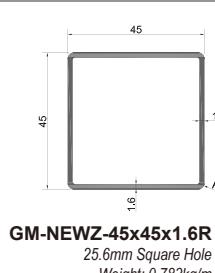
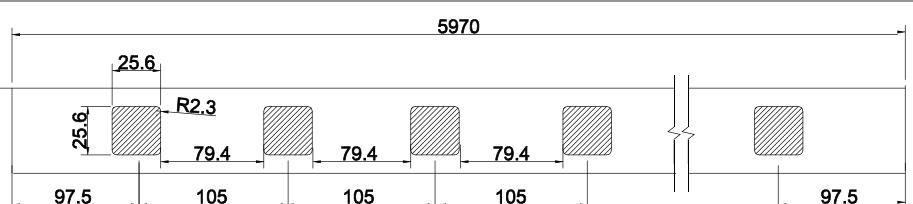
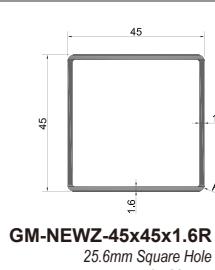
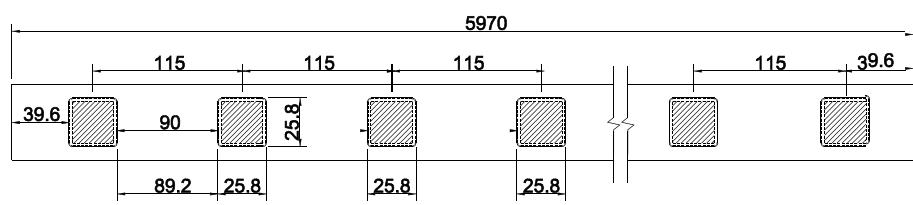
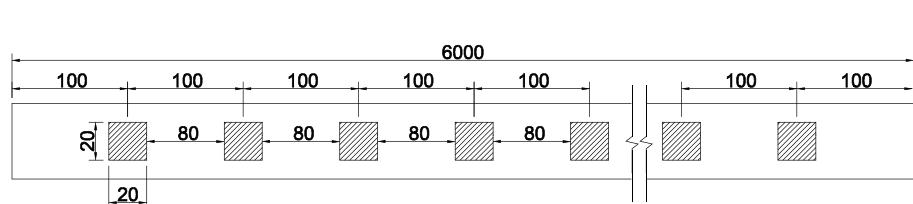
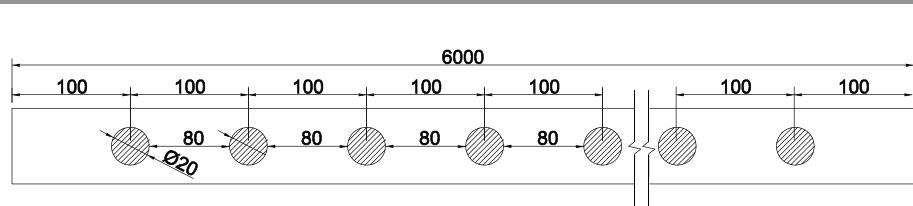
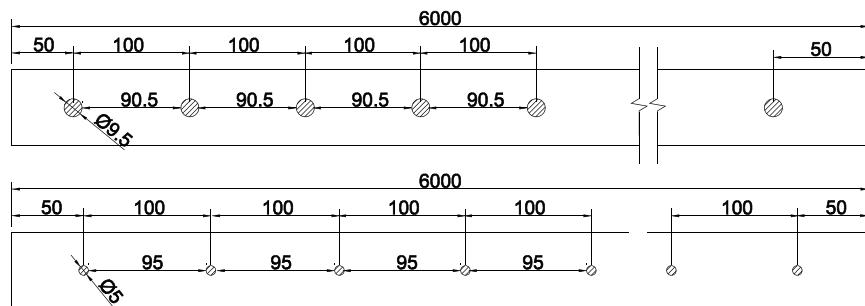
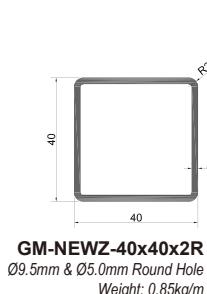
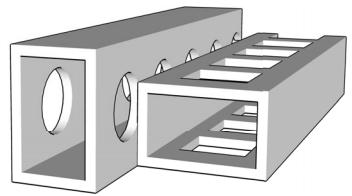


<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>Length (m)</b>	<b>Stocked Colours</b>
CLA50B15T3	✓	50.0	15.0	3.0	5.97	Matt Black, Matt Ironsand
CLA50B50T3	✓	50.0	50.0	3.0	5.95	Matt Black, Matt Ironsand
CLA58B65T3.5	✓	58.0	65.0	3.5	5.95	Matt Black, Matt Ironsand

# Fence Pre-Punched Extrusions

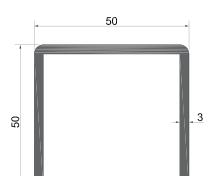
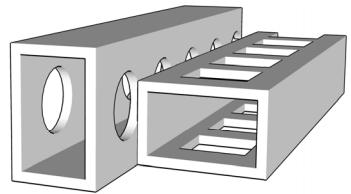


# Fence Pre-Punched Extrusions

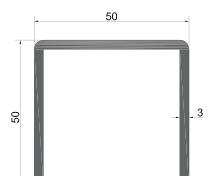
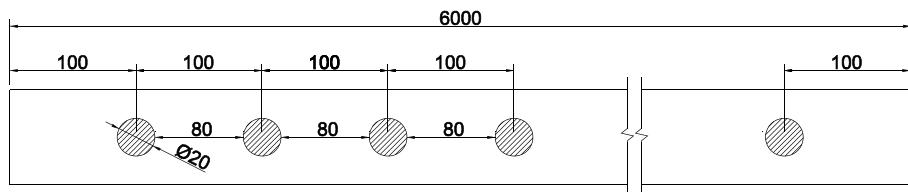
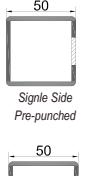




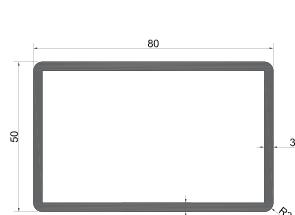
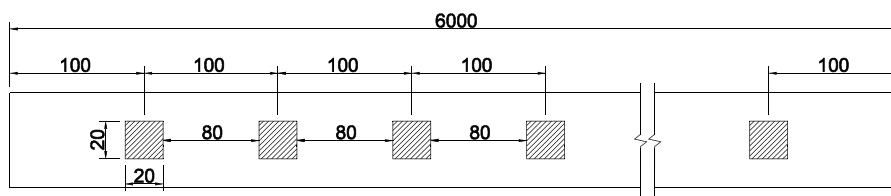
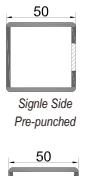
# Fence Pre-Punched Extrusions



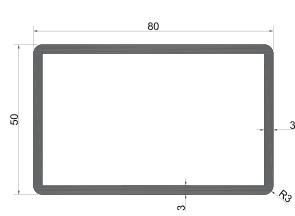
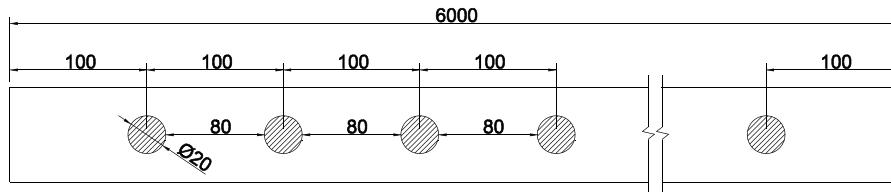
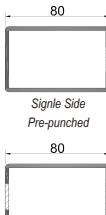
**GM-NEWZ-50x50x3R**  
Ø20mm Round Hole  
Weight: 1.67kg/m



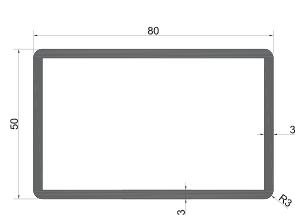
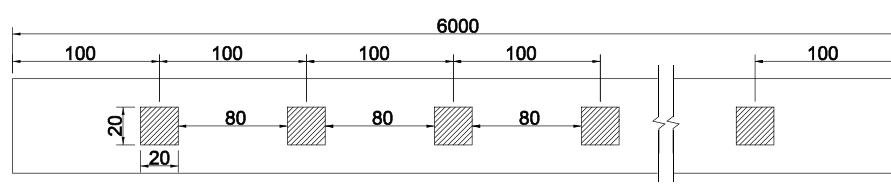
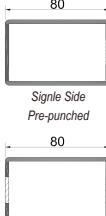
**GM-NEWZ-50x50x3R**  
20mm Square Hole  
Weight: 1.58kg/m



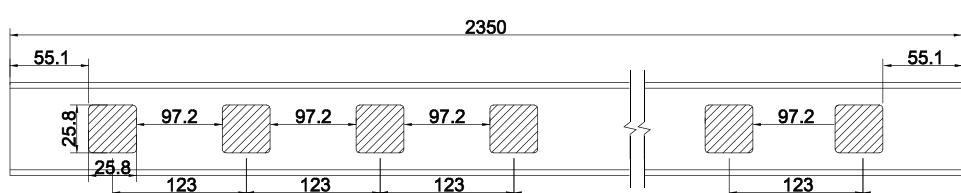
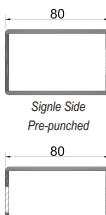
**WZ-80x50x3R**  
Ø20mm Round Hole  
Weight: 2.21kg/m



**WZ-80x50x3R**  
20mm Square Hole  
Weight: 2.21kg/m

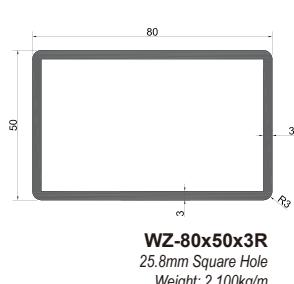
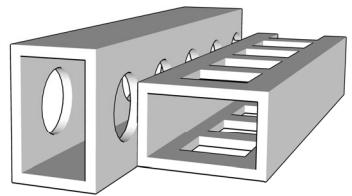


**WZ-80x50x3R**  
25.8mm Square Hole  
Weight: 2.100kg/m

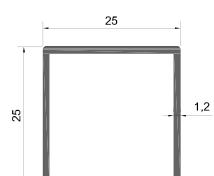
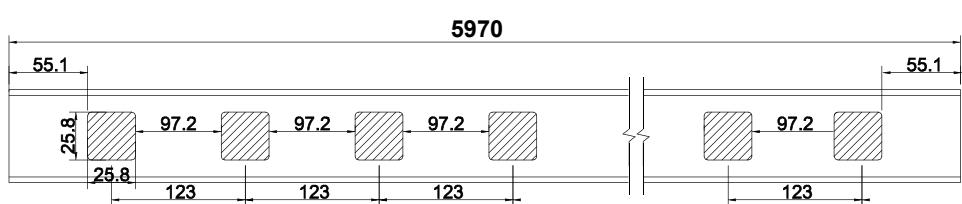
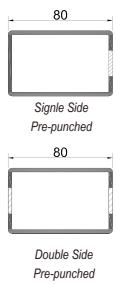




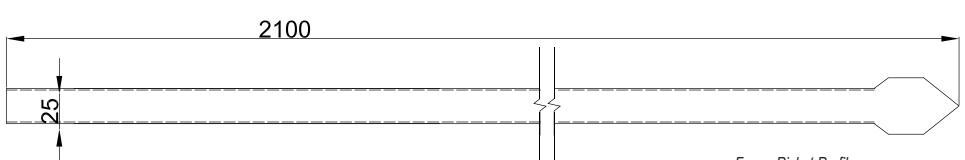
# Fence Pre-Punched Extrusions



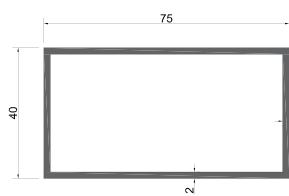
**WZ-80x50x3R**  
25.8mm Square Hole  
Weight: 2.100kg/m



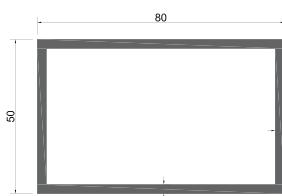
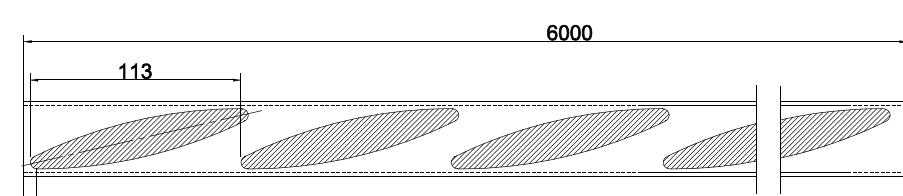
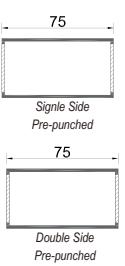
**SHARA25T1.2R**  
25x25x1.2R2L2.1mm Square Hollow



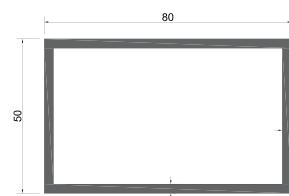
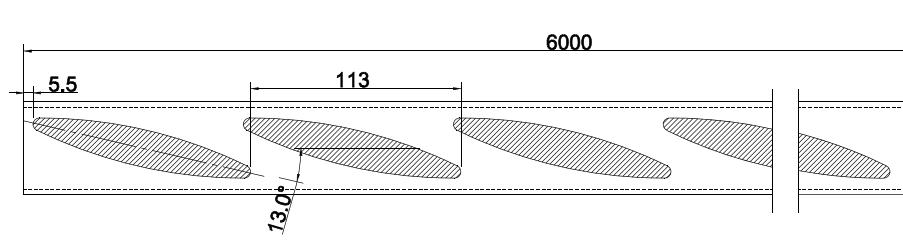
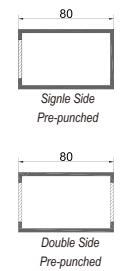
Fence Picket Profil  
Fit WZ-80x50x3R Punched



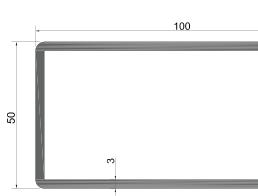
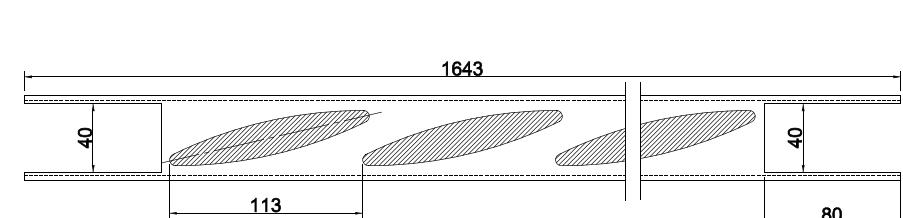
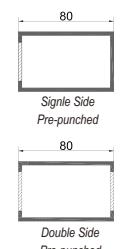
**GM-NEWZ-75x40x2**  
GM-NEWZ-06 Hole  
Weight: 1.265kg/m



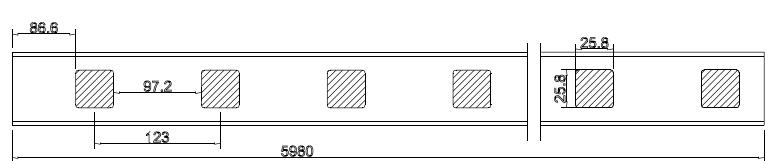
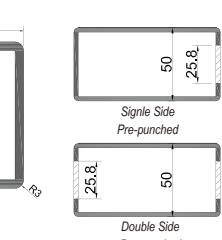
**GM-NEWZ-80x50x3**  
GM-NEWZ-06 Hole  
Weight: 2.33kg/m



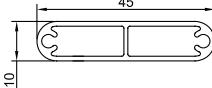
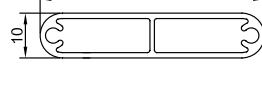
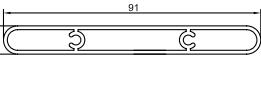
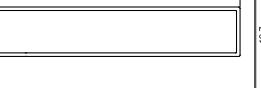
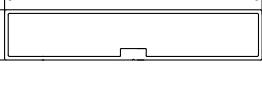
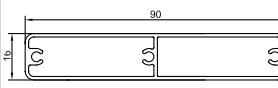
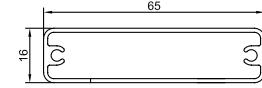
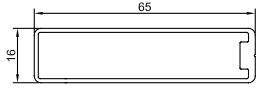
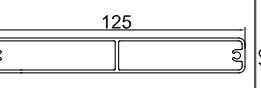
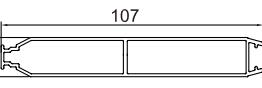
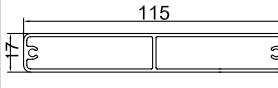
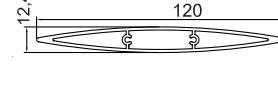
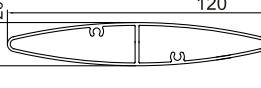
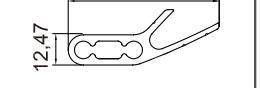
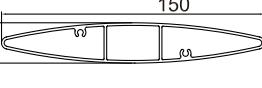
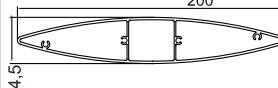
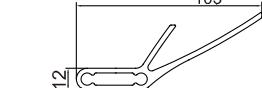
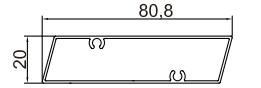
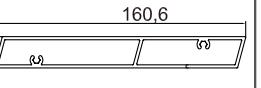
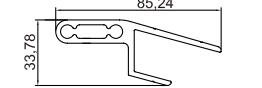
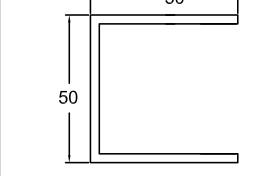
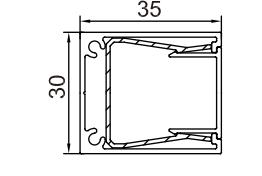
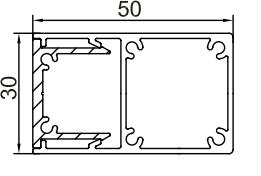
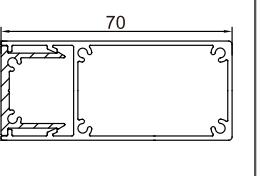
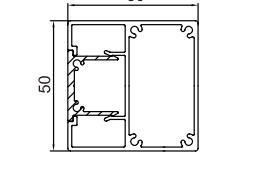
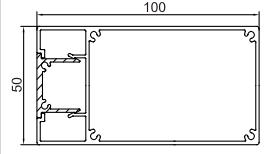
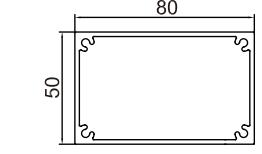
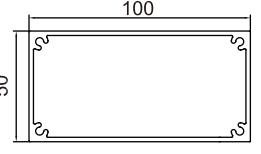
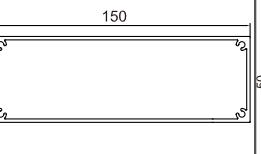
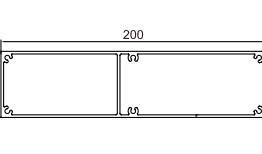
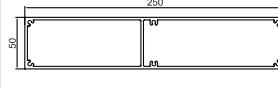
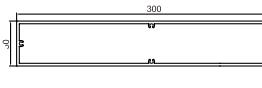
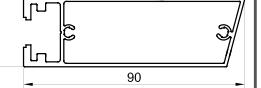
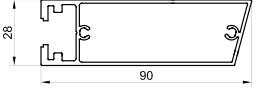
**GM-NEWZ-80x50x3**  
GM-NEWZ-06 Hole  
Weight: 2.12kg/m



**GM-NEWZ-100x50x3R**  
25.8mm Square Hole  
Weight: 2.44kg/m



# Fence, Balustrade & Louvre Systems Profiles

				
Product Code GM-NEWZ-95	Product Code GM-NEWZ-96	Product Code GM-NEWZ-07	Product Code GM-NEWZ-59	Product Code GM-NEWZ-60
Weight (Kg/m) 0.410	Weight (Kg/m) 0.420	Weight (Kg/m) 0.880	Weight (Kg/m) 0.880	Weight (Kg/m) 0.930
				
Product Code GM-NEWZ-09	Product Code GM-NEWZ-04	Product Code GM-NEWZ-61	Product Code GM-NEWZ-94	Product Code GM-NEWZ-05
Weight (Kg/m) 0.860	Weight (Kg/m) 0.650	Weight (Kg/m) 0.690	Weight (Kg/m) 1.250	Weight (Kg/m) 1.100
				
Product Code GM-NEWZ-93	Product Code GM-NEWZ-65	Product Code GM-NEWZ-06	Product Code GM-NEWZ-71	Product Code GM-NEWZ-70
Weight (Kg/m) 1.160	Weight (Kg/m) 1.170	Weight (Kg/m) 1.090	Weight (Kg/m) 1.080	Weight (Kg/m) 1.340
				
Product Code GM-NEWZ-102	Product Code GM-NEWZ-130	Product Code GM-NEWZ-142	Product Code GM-NEWZ-143	Product Code GM-NEWZ-144
Weight (Kg/m) 1.053	Weight (Kg/m) 0.510	Weight (Kg/m) 0.610	Weight (Kg/m) 2.210	Weight (Kg/m) 1.450
				
Product Code CLSA50B50T3	Product Code GM-NEWZ-56 & 57 & 58	Product Code GM-NEWZ-51 & 53	Product Code GM-NEWZ-52 & 53	Product Code GM-NEWZ-54 & 53
Weight (Kg/m) 1.219	Weight (Kg/m) 0.770	Weight (Kg/m) 1.070	Weight (Kg/m) 1.220	Weight (Kg/m) 1.480
				
Product Code GM-NEWZ-55 & 53	Product Code GM-NEWZ-97	Product Code NEWZ120	Product Code GM-NEWZ-98	Product Code GM-NEWZ-101
Weight (Kg/m) 1.910	Weight (Kg/m) 1.680	Weight (Kg/m) 1.910	Weight (Kg/m) 2.480	Weight (Kg/m) 3.460
				
Product Code GM-NEWZ-100	Product Code GM-NEWZ-131	Product Code RHA200B75T3	Product Code GM-NEWZ-181	Product Code GM-NEWZ-181
Weight (Kg/m) 4.840	Weight (Kg/m) 5.750	Weight (Kg/m) 4.600	Weight (Kg/m) 1.210	Weight (Kg/m) 1.210

# Fence, Balustrade & Louvre Systems Profiles

Product Code GM-NEWZ-183	Product Code GM-NEWZ-181 End Cap	Product Code GM-NEWZ-182 End Cap	Product Code GM-NEWZ-184	Product Code SHA50T2.0
Weight (Kg/m) 0.05	Weight (Kg/m) 0.011	Weight (Kg/m) 0.018	Weight (Kg/m) 4.690	Weight (Kg/m) 1.094
Product Code SHS45T1.6Punch	Product Code SHARA25T1.5R2L2	Product Code 19x19x1.2R	Product Code 25x25x1.5R	Product Code GM-NEWZ-127
Weight (Kg/m) 0.783	Weight (Kg/m) 0.393	Weight (Kg/m) 0.235	Weight (Kg/m) 0.393	Weight (Kg/m) 0.497
Product Code RHA125B30T2.5	Product Code RHA150B30T2.5	Product Code RHA80B50T3	Product Code D19x1.6	Product Code 30x30x3JL
Weight (Kg/m) 2.138	Weight (Kg/m) 2.494	Weight (Kg/m) 2.120	Weight (Kg/m) 0.103	Weight (Kg/m) 0.487
Product Code GM-NEWZ-Y13014	Product Code GM-NEWZ-Y13015	Product Code GM-NEWZ-Y13017/Y13018/Y13019	Product Code GM-NEWZ-Y13021/Y13018/Y13019	Product Code GM-NEWZ-Y13016
Weight (Kg/m) 2.920	Weight (Kg/m) 2.660	Weight (Kg/m) Balustrade Round Hand Rail	Weight (Kg/m) Balustrade Square Hand Rail	Weight (Kg/m) 4.930
Product Code GM-NEWZ-Y13016 End Cap	Product Code GM-NEWZ-Y13016 Screw	Product Code Round Hand Rail End Cap	Product Code Square Hand Rail End Cap	Product Code GM-100x100x10 Flange Plate
Weight (Kg/m)	Weight (Kg/m)	Weight (Kg/m)	Weight (Kg/m)	Weight (Kg/m)
Product Code GM-NEWZ-Y13013	Description Fabrication Drawing	Description Glass Support Bracket	Description Wall Edge Angle Bracket	Product Code GM-NEWZ-90x80x10.4JL
Weight (Kg/m) 13.600				Product Code GM-NEWZ-90x80x10.4JL
				Weight (Kg/m) Fabrication Drawing
Product Code GM-NEWZ-Y13041/42	Product Code GM-NEWZ-Y13054	Product Code GM-NEWZ-Y13043	Product Code GM-NEWZ-Y13044/45	Product Code GM-NEWZ-Y13041
Description 50mm Post	Description 50mm Post	Description 50x18mm Picket Profile	Description 50x25mm Horizontal Rail	Description 100mm Flange Plate
(2 pieces)				

# Fence, Balustrade & Louvre Systems Profiles

Product Code GM-NEWZ-Y13046/47	Product Code GM-NEWZ-Y13046/48	Product Code GM-25x12.4x2	Product Code GM-NEWZ-Y13049	Product Code GM-NEWZ-Y13050
Description Fence Round Hand Rail	Description Fence Square Hand Rail	Description Angle Bracket Fabrication	Description 25mm Picket Profile	Description 40x25mm Bottom Rail
Product Code GM-NEWZ-69	Product Code GM-NEWZ-Y13051	Product Code GM-NEWZ-Y13052	Product Code GM-NEWZ-Y13051/52	Product Code DLX-10
Description GM-NEWZ-Y13050 Cover Plate	Description Wall Edge Ext Profile	Description Wall Edge Int Profile	Description Wall Edge Profile Assemble	Description 60x20 Picket Profile
Product Code GM-NEWZ-40x40x2	Product Code GM-NEWZ-153	Product Code GM-NEWZ-186	Product Code GM-NEWZ-197	Product Code GM-NEWZ-123
Description 40x40 Rail Profile	Description Gate Frame Profile	Description Gate Frame Profile 2	Description Sliding Gate Track	Weight (Kg/m) 5.570
Product Code SL-77	Product Code GM-KPM-122	Product Code GM-NEWZ-133	Product Code SL-149	Product Code GM-NEWZ-58x65x3.5U
Weight (Kg/m) 2.640	Weight (Kg/m) 2.673	Weight (Kg/m) 3.000	Weight (Kg/m) 1.870	
Product Code GM-NEWZ-121	Product Code GM-NEWZ-145	Product Code GM-KPM-5511	Product Code GM-NEWZ-134	Product Code GM-NEWZ-135
Weight (Kg/m) 1.730	Weight (Kg/m) 4.480	Weight (Kg/m) 5.970	Weight (Kg/m) 2.686	Weight (Kg/m) 0.720
Product Code Louvre Roller	Product Code SL-157	Product Code SL-155	Product Code SL-156	
Weight (Kg/m) 2.290	Weight (Kg/m) 6.130	Weight (Kg/m) 3.240		

# Automated Gate System

				
Product Code SL263-HT1U80R10	Product Code SL264/265-HGR10	Product Code SL266-HGRDR10	Product Code GM-NEWZ-197	Product Code SL314-QT01A
Description Sliding Gate Wheel - U Groove	Description Bolt-down Sliding Gate Track	Description In-ground Sliding Gate Track	Description Aluminium Silence Track	Description In-ground Track Connector
				
Product Code SL268-MX02A	Product Code SL269-JL118A	Product Code CX53AL	Product Code CX53AR	Product Code CT03C
Description Sliding Gate End Stop	Description Adjustable Gate Hinge - HD	Description Board Bolt Attachedment (Left)	Description Board Bolt Attachedment (Right)	Description Nylon Gear Track for Sliding Gate
				
Product Code SL274-CX09A	Product Code SL275/276-KJ05B	Product Code SL277/278-KJ13A	Product Code SL279-MD05A	Product Code SL280-FG01A
Description Gate Crane Bolt	Description 40x150/250mm Guide Roller	Description 116/166mm Top Guide Roller	Description Gate Catcher With Guide Roller	Description Sliding Gate Block & Guide
				
Product Code SL281-FK01A	Product Code SL282-ZCL5"-A	Product Code SL283-CX54A	Product Code SL284-CT01E	Product Code SL285-CTP02A
Description Nylon Guide & Block	Description Swivel Gate Castor	Description Adjustable Slot Attachement	Description Steel Gear Track for Sliding Gate	Description Fixing Support For Steel Rack
				
Product Code SL273-JL29B	Product Code SL286-JL129A	Product Code SL287-HF2U80XWR10	Product Code SL288-HGR10W0.5M	Product Code SL289-JL79D
Description U Hinge for Swing Gate	Description Gate Hinge for Folding Gate	Description Turning Castor for Swinging Gate	Description Curved Bolt-down Sliding Track	Description H Hinge for Swing Gate
				
Product Code SL291-CX26A	Product Code SL292-CX26B	Product Code SL293-CX25A	Product Code SL294-CX25B	Product Code SL267-MX20B
Description 87mm Sliding Pad Bolt	Description 144mm Sliding Pad Bolt	Description 300mm Drop Bolt	Description 500mm Drop Bolt	Description Swing Gate Stopper
				
Product Code SL315-ZMD01A	Product Code SL316-KJ07A	Product Code SL290-KJ05A		
Description 2-Side Adjustable Gate Bracket	Description Upper Guide Rollers	Description 40x60mm Guide Roller		

# Canopy System Profiles

Product Code GM-NEWZ-Y13001	Product Code GM-NEWZ-Y13002	Product Code GM-NEWZ-Y13026	Product Code GM-NEWZ-Y13003	Product Code GM-NEWZ-Y13023
Description Pillar	Description Pillar Cap	Description Pillar - New Style	Description Top Beam	Description Flat Top Extended Ferrule
Product Code GM-NEWZ-Y13005	Product Code GM-NEWZ-Y13006	Product Code GM-NEWZ-Y13007	Product Code GM-NEWZ-Y13008	Product Code GM-NEWZ-95x3.5
Description Premium Frame	Description Standard Frame	Description Wall Edge	Description Side Frame	Description Wall Edge End Cap
Product Code GM-NEWZ-Y13024	Product Code GM-NEWZ-Y13009	Product Code GM-NEWZ-Y13010	Product Code GM-NEWZ-Y13011	Product Code GM-NEWZ-Y13012
Description Side Frame Extended Ferrule	Description Support Bar	Description Gutter Extended Ferrule	Description Straight Edge Gutter	Description Radius Edge Gutter
Product Code GM-NEWZ-47	Product Code GM-NEWZ-48	Product Code GM-NEWZ-Y13032	Product Code GM-NEWZ-Y13022	Product Code GM-NEWZ-D40x0.9
Description 100mm Strengthen Pillar	Description 75mm Strengthen Pillar	Description Strengthen Side Girder	Description Strengthen Frame Extended Ferrule	Description Water Pipe
Product Code GM-NEWZ-Y13028	Product Code GM-NEWZ-Y13027	Product Code GM-NEWZ-Y13030	Product Code GM-NEWZ-Y13029	Product Code GM-NEWZ-Y13031
Weight (Kg/m) Strengthen Girder	Weight (Kg/m) Girder Ferrule	Weight (Kg/m) Strengthen Girder Cap	Weight (Kg/m) Strengthen Girder Seat	Weight (Kg/m) Reinforce Fixed Wall Eaves
Product Code SL-85	Product Code GM-NEWZ-Y13033	Product Code GM-NEWZ-Y13034	Product Code GM-NEWZ-Y13035	Product Code GM-NEWZ-Y13037
Weight (Kg/m) Wall Eaves End Cap	Weight (Kg/m) Strengthen Support Bar	Weight (Kg/m) Strengthen Sink Front	Weight (Kg/m) Strengthen Gutter	Weight (Kg/m) Front Gutter Ferrule
Product Code GM-JL-70	Product Code GM-NEWZ-Y13036	Product Code GM-NEWZ-Y13040	Product Code GM-NEWZ-Y13004	Product Code GM-NEWZ-Y13038
Weight (Kg/m) Gutter End Cap	Weight (Kg/m) Bottom Jointer	Weight (Kg/m) 100mm Post Jointer	Weight (Kg/m) Bottom Jointer	Weight (Kg/m) Window Shed Main Beam

# Canopy System Profiles

Product Code GM-NEWZ-Y13039	Product Code GM-NEWZ-117	Product Code GM-NEWZ-191	Product Code GM-NEWZ-118	Product Code NZJT-022
Weight (Kg/m) Drop Cover	Weight (Kg/m) 4.2mm Middle PC Board Base	Weight (Kg/m) 4.2mm Side PC Board Base	Weight (Kg/m) 4.2mm PC Board Clip	Weight (Kg/m) 4.2mm PC Board Rubber
Product Code GM-NEWZ-Y13065	Product Code GM-NEWZ-Y13056	Product Code GM-NEWZ-Y13062	Product Code GM-NEWZ-Y13057	Product Code GM-80x80x2.5R
Weight (Kg/m) New A3 Edge Frame	Weight (Kg/m) A5 Side Post	Weight (Kg/m) A5 Side Frame	Weight (Kg/m) Board Holder	Weight (Kg/m) A5 80mm Post
Product Code GM-NEWZ-Y13063	Product Code GM-NEWZ-Y13064	Product Code GM-NEWZ-Y13058	Product Code GM-NEWZ-Y13063-64 End Cap	Product Code GM-76x4x2.0
Weight (Kg/m) A5 Straight Edge Gutter	Weight (Kg/m) A5 Round Edge Gutter	Weight (Kg/m) A5 Post Flange Plate	Weight (Kg/m) Straight / Round Gutter End Cap	Weight (Kg/m) Rail Profile
Product Code GM-NEWZ-50x50x3	Product Code GM-NEWZ-Y13059 End Cap	Product Code GM-NEWZ-Y13059	Product Code GM-NEWZ-Y13060	Product Code GM-NEWZ-Y13066
Weight (Kg/m) Rail Profile	Weight (Kg/m) A5 Wall Edge End Cap	Weight (Kg/m) A5 Wall Edge	Weight (Kg/m) Strengthen Frame	Weight (Kg/m) One-Piece Main Frame
Product Code GM-D49.5x0.8	Product Code GM-NEWZ-Y13061	Product Code GM-NEWZ-171	Product Code GM-NEWZ-172	Product Code GM-NEWZ-173
Weight (Kg/m) 50mm Drain Pipe	Weight (Kg/m) Double-slot Support Bar	Weight (Kg/m) 1.290	Weight (Kg/m) 0.857	Weight (Kg/m) 1.600
Product Code GM-NEWZ-174	Product Code GM-NEWZ-175	Product Code SL-148	Product Code SL-149	Product Code SL-188
Weight (Kg/m) 0.679	Weight (Kg/m) 0.357	Description Wall Connector Cover	Description Wall Connector	Description Wall Screw
Product Code SL-189	Product Code SL-190	Product Code SL-187	Product Code SL-114	Product Code SL-116
Description Wall Screw Cover	Description Wall Screw Cap	Description M8 Expansion Bolt	Weight (Kg/m) 40mm Bend Pipe Connector	Weight (Kg/m) 40mm Drain Pipe Clamp

# Canopy System Profiles

Product Code SL-115	Product Code SL-255	Product Code SL-256	Product Code SL-254	Product Code SL-138
Description Plastic 40mm Pipe Connector	Description Aluminium 50mm Connector	Description 50mm Drain Pipe Clamp	Description 50mm Bend Pipe Connector	Description Aluminium Corner Bracket
Product Code SL-145	Product Code PC Endurance Board	Product Code SL-120	Product Code SL-134	Product Code SL-122
Description Top Beam Cap	Description 2.0mm / 3.0mm	Description Galvanized Flat Jointer	Description 90° 600x500mm Connector	Description 90° Angle Connector
Product Code M8x16	Product Code M4x16	Product Code SL-212	Product Code SL-207	Product Code SL-211
Description Plain Stainless Steel Hex Bolt	Description Stainless Steel Pan Self Drill	Description 100mm Corner Jointer	Description 120mm Corner Jointer	Description 100mm Straight Jointer
Product Code SL-208	Product Code SL-209	Product Code SL-210	Product Code SL-198	Product Code SL-199
Description 120mm Straight Jointer	Description 100mm Post Bracket	Description 120mm Post Bracket	Description 100mm Post Anchor	Description 120mm Post Anchor
Product Code SL-200	Product Code SL-206	Product Code SL-203	Product Code SL-205	Product Code SL-202
Description 150mm Post Anchor	Description 80x80mm Frame Bracket	Description 100x50mm Frame Bracket	Description 100x100mm Frame Bracket	
				 Technical drawing: A cross-section of a stepped metal bracket with dimensions: height 5,7, top width 7,6, bottom width 12,8, and a total width of 12,8.
Product Code SL-204	Product Code SL-201	Product Code SL-201	Product Code Screw	Product Code PC Endurance Board Sealer 2
Description 120x60mm Frame Bracket	Description 120x120mm Frame Bracket	Description HEX Washer Head M5.5x25mm	Description PC Endurance Board Sealer 2	Description PC Endurance Board Sealer 1
 Technical drawing: A cross-section of a stepped metal bracket with dimensions: height 5,6, top width 2,5, bottom width 5,1, and a total width of 13,97.		 Technical drawing: A cross-section of a stepped metal bracket with dimensions: height 9, top width 4,1, bottom width 14,7, and a total width of 14,7.		
Product Code PC Endurance Board Sealer 3	Product Code NZJT-022	Description 4.2mm PC Board Rubber		

# Insulated Roofing System

Product Code GM-NEWZ-CCB01  Description Insulated Roof Profile	Product Code GM-NEWZ-CCB02  Description Side Edge Profile	Product Code GM-NEWZ-CCB03  Description Side Edge Profile Cover	Product Code GM-NEWZ-CCB04  Description Ridge Profile 1	Product Code GM-NEWZ-CCB05  Description Ridge Profile 2
Product Code GM-NEWZ-CCB06  Description Cover Plate	Product Code GM-NEWZ-CCB07  Description Roofing Tile End Cap	Product Code SL-262  Description Canopy Rubber	Product Code Roof Panel Connector	Product Code GM-LT-27  Description Roofing Gutter

# Canopy Windows & Doors

Product Code GM-NEWZ-W66  Description Single Sliding Door Frame	Product Code GM-NEWZ-W67  Description Sliding Door Top Bottom Stile	Product Code GM-NEWZ-W69  Description Sliding Door Interlock Mullion	Product Code GM-NEWZ-W49  Description Sliding Door Track	Product Code GM-NEWZ-W48  Description Sliding Door Track Infill
Product Code GM-NEWZ-W68  Description Sliding Door Mid Stile	Product Code GM-NEWZ-W70  Description Sliding Door Interloc Stile	Product Code GM-NEWZ-W71  Description Sliding Door Vertical Stile	Product Code GM-NEWZ-W03  Description Double Glaze Bead	Product Code GM-NEWZ-W72  Description Sliding Door Track Infill
Product Code GM-NEWZ-W62  Description Hinge Door Frame	Product Code GM-NEWZ-W63  Description Hinge Door Vertical Stile	Product Code GM-NEWZ-W64  Description Hinge Door Horizontal Stile	Product Code GM-NEWZ-W65  Description Hinge Door Mid Stile	Product Code GM-NEWZ-W60  Description Window Frame
Product Code GM-NEWZ-W61  Description Window Sash				

# Window System

Product Code GM-NEWZ-W01	Product Code GM-NEWZ-W58	Product Code GM-NEWZ-W03	Product Code GM-NEWZ-W59	Product Code GM-NEWZ-W02
Description Window Frame	Description Double Glaze Sash	Description Double Glaze Bead	Description Single Glaze Bead	Description Mullion - Small
Product Code GM-NEWZ-W56	Product Code GM-NEWZ-W57	Product Code GM-NEWZ-W53	Product Code GM-NEWZ-W43	Description Mullion - Medium
Description Mullion - Medium	Description Mullion - Large			Description Sliding Door Frame

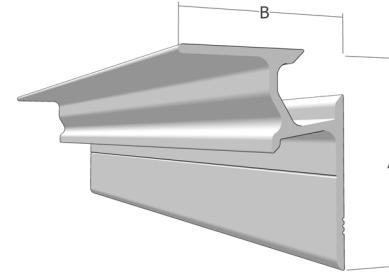
# Hinge & Sliding Door System

Product Code GM-NEWZ-W50	Product Code GM-NEWZ-W51	Product Code GM-NEWZ-W52	Product Code GM-NEWZ-W53	Product Code GM-NEWZ-W43
Description Open-out Door Frame	Description Open-in Door Frame	Description Hinge Door Stile - Vertical	Description Hinge Door Stile - Horizontal	Description Sliding Door Frame
Product Code GM-NEWZ-W44	Product Code GM-NEWZ-W10	Product Code GM-NEWZ-W45	Product Code GM-NEWZ-W46	Product Code GM-NEWZ-W08
Description Sliding Door Rail	Description Interlock Mullion	Description Interlock Mullion - HD	Description Interlock Stile	Description Lock Stile
Product Code GM-NEWZ-W47	Product Code GM-NEWZ-W05	Product Code GM-NEWZ-W48	Product Code GM-NEWZ-W49	Product Code GM-NEWZ-W42
Description Bi-part Stile	Description Silding Door Track Infill-Small	Description Silding Door Track Infill-Large	Description Silding Track	Description Double Sliding Door Frame
Product Code GM-NEWZ-W55	Product Code GM-NEWZ-W54			
Description Bottom Liner	Description Premier Mullion			

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



# Window Support Bars



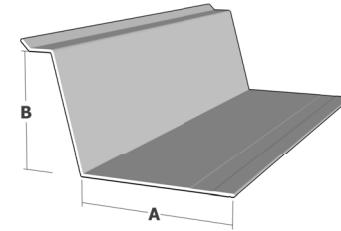
Product Code	Ex Stock	A (mm)	B (mm)	Mass Thickness (kg/m)	Perimeter (Kg/m)	Area (mm²)
GM-NEWZ-99	✓	50	20	0.50	163.28	174.78
GM-NEWZ-17	✓	50	30	0.57	183.27	200.00
GM-NEWZ-16	✓	50	40	0.63	203.28	220.56
GM-NEWZ-15	✓	60	50	0.76	243.40	266.70

# Top-Fix Support Bars



Product Code	Ex Stock	A (mm)	B (mm)	C (mm)	Mass (kg/m)	Perimeter (Kg/m)	Area (mm²)
GM-NEWZ-19	✓	19	22.8	23.2	0.810	274.74	384.37
GM-NEWZ-20	✓	30	22.8	23.2	0.868	294.65	304.59
GM-NEWZ-21	✓	40	24.8	23.2	1.040	319.17	364.91
GM-NEWZ-22	✓	55	24.8	23.2	1.130	349.17	396.66

# Head Flashings



Product Code	Ex Stock	A (mm)	B (mm)	Surface Treatment	Length (m)
GM-NEWZ-187	✓	66	20		6
GM-NEWZ-188	✓	66	30		6
GM-NEWZ-189	✓	66	40		6
GM-NEWZ-124	✓	66	50	Matt Black, Matt Ironsand, Matt Titania, Silver Pearl, Matt Charcoal, Matt Sandstone Grey	6
GM-NEWZ-18	✓	66	60		6
GM-NEWZ-10	✓	66	70		6
GM-NEWZ-75	✓	66	85		6

# Window & Door Accessories

Max Sash Height: 750mm Max Sash Weight: 6kg	Max Sash Height: 1000mm Max Sash Weight: 9kg	Max Sash Height: 1300mm Max Sash Weight: 12kg	Max Window Opening: 100mm	
Product Code BA230B/BP235B Description 235mm Friction Stay	Product Code BA330B/BP335B Description 330mm Friction Stay	Product Code BA500B/BP510B Description 510mm Friction Stay	Product Code SL101 Description Safety Stay	Product Code MS07 Description Locker Cylinder
Zinc Alloy Comes in White & Matt Black	Zinc Alloy Comes in White & Matt Black			
Product Code MS01 Description Flat Trim Lever Handle Locker	Product Code MS03 Description Sliding Door Locker	Product Code MY01 Description Security Hinge	Product Code MY01 Description Sliding Door Caddy	Product Code MS10 Description Trim Lever Handle Lock
Product Code MS11 Description Sliding 3-point Lock	Product Code NZJT-001 Description PVC Low Rise Wedge	Product Code NZJT-002 Description PVC Low Rise Wedge	Product Code NZJT-003 Description PVC Low Rise Wedge	Product Code NZJT-004 Description PVC Low Rise Wedge
Product Code NZJT-005 Description PVC Low Rise Wedge	Product Code NZJT-006 Description PVC Low Rise Wedge	Product Code NZJT-007 Description PVC Low Rise Wedge	Product Code NZJT-021 Description PVC Low Rise Wedge	Product Code NZJT-008 Description PVC Low Rise Wedge
Product Code NZJT-010 Description PVC Wedge Rubber	Product Code NZJT-012 Description PVC Wedge Rubber	Product Code NZJT-013 Description Clear PVC Wedge	Product Code NZJT-014 Description Clear PVC Wedge	
Product Code NZJT-015 Description TPV Seal	Product Code NZJT-016 Description TPV Seal	Product Code NZJT-017 Description TPV Seal	Product Code NZJT-018 Description TPV Seal	Product Code NZJT-019 Description TPV Seal
Product Code MT-006 Description 34mm Fin Pile Weather Strip	Product Code MT-007 Description 26mm Fin Pile Weather Strip	Product Code SL-01 Description Supporting Bar Gasket	Product Code SL-02 Description Head Flashing Gasket	

Product Code GM-BGM-A01	Product Code GM-BGM-A02	Product Code GM-BGM-A03	Product Code GM-BGM-A04	Product Code GM-BGM-A05
Weight (Kg/m) 0.513	Weight (Kg/m) 0.388	Weight (Kg/m) 0.310	Weight (Kg/m) 0.420	Weight (Kg/m) 0.692
Product Code GM-BGM-A06	Product Code GM-BGM-A07	Product Code GM-BGM-A08	Product Code GM-BGM-A09	Product Code GM-BGM-A10
Weight (Kg/m) 0.520	Weight (Kg/m) 0.235	Weight (Kg/m) 0.550	Weight (Kg/m) 0.733	Weight (Kg/m) 0.920
Product Code GM-BGM-A11	Product Code GM-BGM-A12	Product Code GM-BGM-A13	Product Code GM-BGM-A14	Product Code GM-BGM-A15
Weight (Kg/m) 0.714	Weight (Kg/m) 1.08	Weight (Kg/m) 0.523	Weight (Kg/m) 0.430	Weight (Kg/m) 0.580
Product Code GM-BGM-B01	Product Code GM-BGM-B02	Product Code GM-BGM-B03	Product Code GM-BGM-B04	Product Code GM-BGM-B05
Weight (Kg/m) 0.700	Weight (Kg/m) 0.450	Weight (Kg/m) 0.248	Weight (Kg/m) 0.466	Weight (Kg/m) 0.681
Product Code GM-BGM-B06	Product Code GM-NEWZ-42	Product Code GM-NEWZ-43	Product Code GM-NEWZ-44	Product Code GM-NEWZ-41
Weight (Kg/m) 0.331	Weight (Kg/m) 0.114	Weight (Kg/m) 0.107	Weight (Kg/m) 0.094	Description L Shape Handle
Product Code GM-NEWZ-40	Product Code GM-NEWZ-34.5x12x1.2R	Product Code SL76	Product Code GM-NEWZ-66	Product Code SL73
Description U Shape Handle	Description Square Rail	Description Rail End Support - Square	Weight (Kg/m) 0.268	Description Rail End Support - Round
Product Code SL81SP	Product Code SL81	Product Code SL04	Product Code SL05	Product Code SL324
Description Rail End Support	Description Rail Centre Support	Description L Shape Handke Cap	Description U Shape Handke Cap	Description Steel Cloth Rail

Product Code SL110	Product Code C1202-A1	Product Code SL14	Product Code SL257	Product Code SL258
Description Cabinet Feet	Description Shelf Support	Description Handle Support Bracket	Description Reinforced Angle Bracket	Description 32.2mm-Reinforced Plate
Product Code SL259	Product Code SL81			
Description 41.3mm-Reinforced Plate	Description Reinforced Angle Bracket			

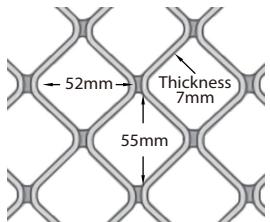
## Security Windows & Doors

Product Code GM-NEWZ-W24	Product Code GM-NEWZ-W28	Product Code GM-NEWZ-W25	Product Code GM-NEWZ-W26	Product Code GM-NEWZ-W27
Weight (Kg/m) 1.022	Weight (Kg/m) 1.150	Weight (Kg/m) 0.564	Weight (Kg/m) 0.750	Weight (Kg/m) 2.410
Product Code GM-NEWZ-W29	Product Code GM-NEWZ-W30	Product Code GM-NEWZ-W31	Product Code GM-NEWZ-W32	Product Code GM-NEWZ-W33
Weight (Kg/m) 0.1	Weight (Kg/m) 0.510	Weight (Kg/m) 0.984	Weight (Kg/m) 0.510	Weight (Kg/m) 0.273
Product Code GM-NEWZ-W34	Product Code GM-NEWZ-W35	Product Code GM-NEWZ-W36	Product Code GM-NEWZ-W37	Product Code CLSA10.3B15T1.5
Weight (Kg/m) 0.370	Weight (Kg/m) 0.474	Weight (Kg/m) 2.805	Weight (Kg/m) 2.493	Weight (Kg/m) 0.160
Product Code GM-NEWZ-151	Product Code GM-NEWZ-84	Product Code GM-NEWZ-85	Product Code GM-NEWZ-86	Product Code GM-NEWZ-87
Weight (Kg/m) 0.217	Weight (Kg/m) 0.390	Weight (Kg/m) 0.264	Weight (Kg/m) 0.500	Weight (Kg/m) 0.830

# Security Window & Door

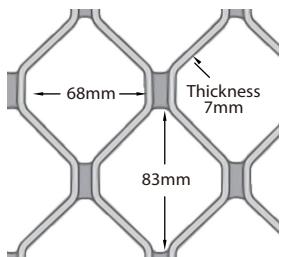
Product Code GM-NEWZ-91 Weight (Kg/m) 0.233	Product Code GM-NEWZ-89 Weight (Kg/m) 0.970	Product Code CLA16B16T1.6 Weight (Kg/m) 0.204	Product Code SL-197 / NZJT - 023 Description Rubber for 316 Steel Mesh	Product Code SL-198 / NZJT - 024 Description Rubber for Fly Screen Mesh

## Security Grilles & Meshes



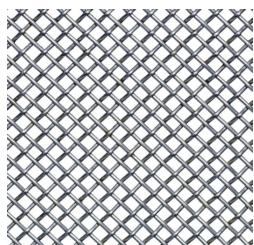
Aluminium 52x55 Grille

Product Description	Thickness (mm)	Size (mm)
52x55 Security Grille	7.00	750 x 2000
		750 x 4000
		920 x 2000
		920 x 4000
		1250 x 2000
		1250 x 4000



Aluminium 68x83 Grille

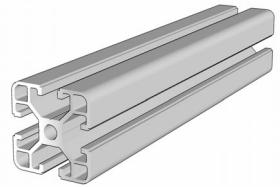
Product Description	Thickness (mm)	Size (mm)
68x83 Security Grille	7.00	750 x 2000
		750 x 4000
		920 x 2000
		920 x 4000
		1250 x 2000
		1250 x 4000



316 Marine Grade Stainless Steel Mesh  
0.80mm Thickness

Product Description	Thickness (mm)	Size (mm)
Perforated Screen	0.80	750 x 2000
		750 x 4000
		920 x 2000
		920 x 4000
		1250 x 2000
		1250 x 4000

# T-Slot Profiles



20x20mm T-Slot	20x40mm T-Slot	20x80mm T-Slot	30x30mm T-Slot	30x60mm T-Slot
Product Code GM-LZ-83	Product Code GM-LZ-85	Product Code GM-LZ-117	Product Code GM-LZ-86	Product Code GM-LZ-87
Weight (Kg/m) 0.470	Weight (Kg/m) 0.844	Weight (Kg/m) 1.570	Weight (Kg/m) 0.930	Weight (Kg/m) 1.700
30x30mm T-Slot Corner	40x40mm T-Slot	40x40mm T-Slot Corner	40x80mm T-Slot Corner	40x120mm T-Slot
Product Code GM-LZ-97	Product Code GM-LZ-89	Product Code GM-LZ-96	Product Code GM-LZ-82	Product Code GM-GYFZ-78
Weight (Kg/m) 0.842	Weight (Kg/m) 1.353	Weight (Kg/m) 1.380	Weight (Kg/m) 2.313	Weight (Kg/m) 3.610
40x160mm T-Slot	40x160mm T-Slot	50x50mm T-Slot	50x50mm T-Slot Corner	60x60mm T-Slot
Product Code GM-LZ-278	Product Code GM-GYFZ-62	Product Code GM-LZ-78	Product Code GM-GYFZ-76	Product Code GM-LZ-168
Weight (Kg/m) 5.750	Weight (Kg/m) 6.800	Weight (Kg/m) 2.524	Weight (Kg/m) 1.980	Weight (Kg/m) 2.590
80x80mm T-Slot	80x120mm T-Slot	80x160mm T-Slot	120x120mm T-Slot	
Product Code GM-LZ-263	Product Code GM-GYFZ-003	Product Code GM-LZ-21	Product Code GM-GYFZ-67	
Weight (Kg/m) 4.670	Weight (Kg/m) 7.000	Weight (Kg/m) 9.620	Weight (Kg/m) 10.400	

# T-Slot Accessories



Product Code 20x20 T-Slot End Cap	Product Code 20x40 T-Slot End Cap	Product Code 20x80 T-Slot End Cap	Product Code 30x30 T-Slot End Cap	Product Code 30x60 T-Slot End Cap

# T-Slot Accessories



Product Code 40x40 T-Slot End Cap	Product Code 40x80 T-Slot End Cap	Product Code 40x160 T-Slot End Cap	Product Code 50x50 T-Slot End Cap	Product Code 60x60 T-Slot End Cap
Product Code 80x80 T-Slot End Cap	Product Code 80x120 T-Slot End Cap	Product Code 80x160 T-Slot End Cap	Product Code 120x120 T-Slot End Cap	Product Code TS35  Description 20mm T-Slot Bracket
Product Code TS36  Description 30mm T-Slot Bracket	Product Code TS37  Description 30x60mm T-Slot Bracket	Product Code TS38  Description 40mm T-Slot Bracket	Product Code TS39  Description 40x80mm T-Slot Bracket	Product Code TS42  Description 45x45mm T-Slot Bracket
Product Code TS41  Description 80mm T-Slot Bracket	Product Code TS03  Description Wheel Base Plate	Product Code SP19-1  Description T-Slot Wheel	Product Code SP19-2  Description T-Slot Wheel with break	Product Code TS40  Description 60x60mm T-Slot Bracket
		 11 mm width 8 mm height	 80 mm width 11 mm height	 40 mm width 18.5 mm height
Product Code TS42  Description 30mm 3-way Jointer	Product Code TS42  Description 40mm 3-way Jointer	Product Code NZJT-025  Description 30 / 40mm Sealing Strip	Product Code NZJT-027  Description 60mm Sealing Strip	Product Code NZJT-028  Description 40mm Sealing Strip
 8 mm width 6.6 mm height	 for 30x60mm T-Slot	 for 40x80mm T-Slot	 for 40x120mm T-Slot	 for 120x120mm T-Slot
Product Code NZJT-026  Description 20mm Sealing Strip	Product Code SL-226  Description HD Corner Stake for 30x60	Product Code SL-227  Description HD Corner Stake for 40x80	Product Code SL-228  Description HD Corner Stake for 40x120	Product Code SL-229  Description HD Corner Stake for 120x120
 for 30/40mm T-Slot M6 Screw	 for 30/40mm T-Slot M8 Screw	 for 30x60mm system	 for 40x80mm system	 Comes with Sliding Nut Screws, and Round Nut
Product Code SL-230  Description Shrapnel Nut for M6 Screw	Product Code SL-231  Description Shrapnel Nut for M8 Screw	Product Code SL-232  Description 30x60mm Joint Plate	Product Code SL-233  Description 40x80mm Joint Plate	Product Code SL-234  Description 30mm Internal Joint Set

# T-Slot Accessories



Comes with Sliding Nut Screws, and Round Nut	Comes with Screws	Comes with Screws	Comes with Screws	Comes with Screws
Product Code <b>SL-235</b>	Product Code <b>SL-236</b>	Product Code <b>SL-237</b>	Product Code <b>SL-238</b>	Product Code <b>SL-239</b>
Description 40mm Internal Joint Set	Description 20mm Internal Corner Joiner	Description 30mm Internal Corner Joiner	Description 40mm Internal Corner Joiner	Description 20mm Pivot Corner Joiner
Comes with Screws	Comes with Screws	Comes with Screws	Comes with Screws	Comes with Screws
Product Code <b>SL-240</b>	Product Code <b>SL-241</b>	Product Code <b>SL-242</b>	Product Code <b>SL-243</b>	Product Code <b>SL-244</b>
Description 30mm Pivot Corner Joiner	Description 40mm Pivot Corner Joiner	Description 30mm 45° Corner Joiner	Description 30mm 135° Corner Joiner	Description 40mm 135° Corner Joiner
Comes with Screws	Comes with Screws	Comes with Screws and Nuts		
Product Code <b>SL-250</b>	Product Code <b>SL-251</b>	Product Code <b>SL-252</b>		
Description 30mm Hinge	Description 40mm Hinge	Description 90mm handle set		

# Awning Tracks & Mouldings

Product Code <b>GM-NEWZ-W39</b> Fluted Angle	Product Code <b>GM-NEWZ-W40</b> Fluted Flat Bar	Product Code <b>GM-NEWZ-W41</b> Stair Nosing	Product Code <b>GM-GFX-70</b> 9mm Sail Track	Product Code <b>GM-NEWZ-150</b> 11mm Sail Track
Weight (Kg/m) 0.180	Weight (Kg/m) 0.364	Weight (Kg/m) 0.336	Weight (Kg/m) 0.220	Weight (Kg/m) 0.203

# Miscellaneous

Product Code <b>GM-NEWZ-197</b>	Product Code <b>GM-NEWZ-190</b>	Product Code <b>GM-NEWZ-190 - Corner</b>
Description Aluminium Silence Track	Description Flat Safety Net Hook	Description Corner Safety Net Hook

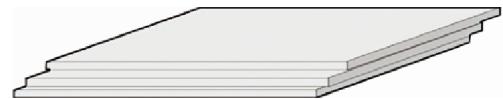
"✓" Stocked Item  
 "\*" Pre-order Only Item  
 (30-40 working days delivery)



# Flat Sheet

5005 - H34

General Purpose

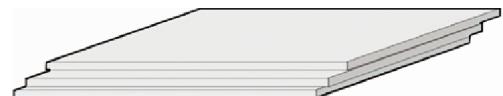


<b>Product Code</b>	<b>Ex Stock</b>	<b>Thickness (mm)</b>	<b>Length (mm)</b>	<b>Width (mm)</b>	<b>Weight (kg)</b>
5005AS071224	*	0.70	1200	2400	5.53
5005AS0751224	✓	0.75	1200	2400	5.93
5005AS091224	✓	0.90	1200	2400	7.12
5005AS091530	✓	0.90	1500	3000	11.13
5005AS121224	✓	1.20	1200	2400	9.48
5005AS121530	✓	1.20	1500	3000	14.81
5005AS15153	✓	1.50	1500	3000	18.90
5005AS161224	✓	1.60	1200	2400	12.72
5005AS16153	✓	1.60	1500	3000	20.30
5005AS161236	*	1.60	1200	3600	18.80
5005AS21224	✓	2.00	1200	2400	16.13
5005AS2153	✓	2.00	1500	3000	25.17
5005AS251224	✓	2.50	1200	2400	20.14
5005AS31224	✓	3.00	1200	2400	23.88
5005AS3153	✓	3.00	1500	3000	37.86
5005AS31836	*	3.00	1800	3600	54.52
5005AS41224	✓	4.00	1200	2400	31.91
5005AS4153	✓	4.00	1500	3000	50.79
5005AS51224	✓	5.00	1200	2400	39.73
5005AS5153	✓	5.00	1500	3000	64.32
5005AS61224	✓	6.00	1200	2400	47.71

# Flat Sheet

5083 - H116

Hard Marine & Transport



<b>Product Code</b>	<b>Ex Stock</b>	<b>Thickness (mm)</b>	<b>Length (mm)</b>	<b>Width (mm)</b>	<b>Weight (kg)</b>
5083AS31224	*	3.00	1200	2400	22.95
5083AS41224	✓	4.00	1200	2400	30.60
5083AS51224	✓	5.00	1200	2400	38.20
5083AS61224	*	6.00	1200	2400	45.90
5083AS81224	*	8.00	1200	2400	61.20
5083AS101224	*	10.00	1200	2400	76.50
5083AS121224	*	12.00	1200	2400	91.80

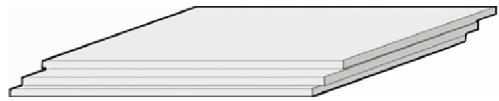
"✓" Stocked Item  
 "✳" Pre-order Only Item  
 (30-40 working days delivery)



# Flat Sheet

6061 - T6

Structural

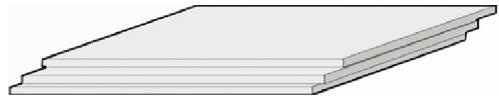


<b>Product Code</b>	<b>Ex Stock</b>	<b>Thickness (mm)</b>	<b>Length (mm)</b>	<b>Width (mm)</b>	<b>Weight (kg)</b>
6061AS412525	✓	4.00	1250	2500	34.00
6061AS512525	✓	5.00	1250	2500	42.50
6061AS612525	✓	6.00	1250	2500	54.20
6061AS812525	✓	8.00	1250	2500	71.45
6061AS8153	✓	8.00	1500	3000	107.91
6061AS1012525	✓	10.00	1250	2500	90.92
6061AS101530	✓	10.00	1500	3000	130.92
6061AS1212525	✓	12.00	1250	2500	103.00

# Flat Sheet

5052 - H32

Marine Grade



<b>Product Code</b>	<b>Ex Stock</b>	<b>Thickness (mm)</b>	<b>Length (mm)</b>	<b>Width (mm)</b>	<b>Weight (kg)</b>
5052AS071224	✓	0.70	1200	2400	5.48
5052AS161224	✓	1.60	1200	2400	12.53
5052AS16153	✓	1.60	1500	3000	19.58
5052AS21224	✓	2.00	1200	2400	16.18
5052AS2153	✓	2.00	1500	3000	25.28
5052AS251224	✓	2.50	1200	2400	20.23
5052AS31224	✓	3.00	1200	2400	24.35
5052AS3153	✓	3.00	1500	3000	38.05
5052AS41224	✓	4.00	1200	2400	31.62
5052AS51224	✓	5.00	1200	2400	39.53
5052AS61224	✓	6.00	1200	2400	47.44

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



## Standard Treadplate

5052 - H32

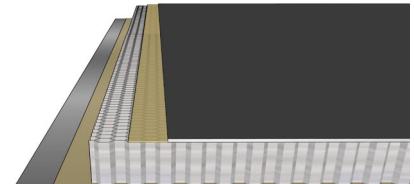
5 Bar Pattern



Product Code	Ex Stock	Thickness (mm)	Length (mm)	Width (mm)	Weight (kg)
5052TP15153	✓	1.50	1500	3000	18.90
5052TP161224	✓	1.60	1200	2400	13.82
5052TP21224	✓	2.00	1200	2400	17.06
5052TP251224	✓	2.50	1200	2400	21.67
5052TP31224	✓	3.00	1200	2400	25.89
5052TP3153	✓	3.00	1500	3000	40.25
5052TP41224	✓	4.00	1200	2400	33.41
5052TP4153	✓	4.00	1500	3000	52.20
5052TP51224	✓	5.00	1200	2400	41.76
5052TP5153	✓	5.00	1500	3000	65.25
5052TP61224	✓	6.00	1200	2400	50.11
5052TP6153	✓	6.00	1500	3000	77.16
5052TP81224	✓	8.00	1200	2400	66.81

## Honeycomb Panel

Powdercoated both sides of surfaces



Product Code	Ex Stock	Thickness (mm)	Length (mm)	Width (mm)	Colour
HS1712525MF	✓	17.00	1250	2500	Mill Finish
HS1712525Ironsand	✓	17.00	1250	2500	Ironsand
HS1712525Black	✓	17.00	1250	2500	Black

One side powdercoated, one side mill finish

Product Code	Ex Stock	Thickness (mm)	Length (mm)	Width (mm)	Colour
HS1461022MF	✓	14.60	1000	2200	Mill Finish
HS1461022Black	✓	14.60	1000	2200	Black
HS1461022Ironsand	✓	14.60	1000	2200	Ironsand
HS14610245MF	✓	14.60	1000	2450	Mill Finish
HS14610245Black	✓	14.60	1000	2450	Black
HS14610245Ironsand	✓	14.60	1000	2450	Ironsand

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



# Galvanized Steel Sqaure Hollow

AS/NZS4792



<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Mass (kg/m)</b>	<b>Length (m)</b>
SHA12.7T1.6GALV	*	12.7	1.6	2.0	0.539	6.0
SHA16T1.6GALV	*	16.0	1.6	2.0	0.706	6.0
SHA19T1.6GALV	✓	19.0	1.6	2.0	0.706	6.0
SHA20T1.5GALV	✓	20.0	1.5	2.0	0.818	6.0
SHA20T1.6GALV	*	20.0	1.6	2.0	0.910	6.0
SHA25T1.2GALV	*	25.0	1.2	2.0	0.885	6.0
SHA25T1.5GALV	✓	25.0	1.5	2.0	1.080	6.0
SHA25T2GALV	✓	25.0	2.0	2.0	1.463	6.0
SHA25T2.5GALV	*	25.0	2.5	2.0	1.789	6.0
SHA25T3GALV	✓	25.0	3.0	2.0	2.099	6.0
SHA30T1.6GALV	*	30.0	1.6	2.0	1.445	6.0
SHA30T2GALV	✓	30.0	2.0	2.0	1.789	6.0
SHA30T2.5GALV	*	30.0	2.5	2.0	2.099	6.0
SHA35T1.5GALV	*	35.0	1.5	2.0	1.572	6.0
SHA35T2GALV	✓	35.0	2.0	2.0	2.100	6.0
SHA40T1.6GALV	*	40.0	1.6	2.0	1.954	6.0
SHA40T2R3GALV	✓	40.0	2.0	3.0	2.471	6.0
SHA40T2.5R3GALV	✓	40.0	2.5	3.0	2.981	6.0
SHA40T3GALV	*	40.0	3.0	3.0	3.530	6.0
SHA40T4GALV	*	40.0	4.0	3.0	4.579	6.0
SHA50T1.6GALV	*	50.0	1.6	3.0	2.463	6.0
SHA50T2R3GALV	✓	50.0	2.0	3.0	3.053	6.0
SHA50T2.5GALV	*	50.0	2.5	3.0	3.776	6.0
SHA50T3GALV	*	50.0	3.0	3.0	4.484	6.0
SHA50T3R3GALV	✓	50.0	3.0	3.0	4.423	6.0
SHA50T4GALV	*	50.0	4.0	3.0	5.851	6.0
SHA50T5GALV	✓	50.0	5.0	3.0	7.155	6.0
SHA65T1.6GALV	*	65.0	1.6	3.0	3.226	6.0
SHA65T2.75R3GALV	✓	65.0	2.75	3.0	5.315	6.0
SHA65T3GALV	*	65.0	3.0	3.0	5.915	6.0
SHA65T4GALV	*	65.0	4.0	3.0	7.759	6.0
SHA65T5GALV	✓	65.0	5.0	3.0	9.540	6.0
SHA75T2.5GALV	*	75.0	2.5	3.0	5.764	6.0
SHA75T3GALV	*	75.0	3.0	3.0	6.869	6.0
SHA75T3R3GALV	✓	75.0	3.0	3.0	6.808	6.0
SHA75T4GALV	*	75.0	4.0	3.0	9.031	6.0
SHA75T5GALV	✓	75.0	5.0	3.0	11.130	6.0
SHA89T3.5GALV	*	89.0	3.5	3.0	9.516	6.0
SHA89T5GALV	*	89.0	5.0	3.0	13.356	6.0
SHA89T6GALV	*	89.0	6.0	3.0	15.836	6.0

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



# Galvanized Steel Sqaure Hollow

AS/NZS4792



<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Mass (kg/m)</b>	<b>Length (m)</b>
SHA90T3R3GALV	✓	90.0	3.0	3.0	7.860	6.0
SHA90T4.75GALV	✓	90.0	5.0	3.0	12.286	6.0
SHA100T3R3GALV	✳	100.0	3.0	3.0	9.193	6.0
SHA100T4GALV	✳	100.0	4.0	3.0	12.211	6.0
SHA100T5GALV	✓	100.0	5.0	3.0	15.105	6.0
SHA100T6GALV	✳	100.0	6.0	3.0	17.935	6.0
SHA120T3GALV	✓	120.0	3.0	3.0	10.948	6.0
SHA125T6GALV	✳	125.0	6.0	3.0	22.705	6.0
SHA150T6GALV	✓	150.0	6.0	3.0	27.475	6.0
SHA150T8GALV	✓	150.0	8.0	3.0	36.125	6.0
SHA200T8GALV	✓	200.0	8.0	3.0	48.845	6.0



# Galvanized Steel Solid Square

AS/NZS3679



<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>Mass (kg/m)</b>	<b>Length (m)</b>
SQBAR8GALV	✓	8.0	0.500	6.0
SQBA10GALV	✓	10.0	0.788	6.0
SQBA12GALV	✓	12.0	1.140	6.0
SQBA14GALV	✓	14.0	1.550	6.0
SQBA16GALV	✓	16.0	2.030	6.0
SQBA20GALV	✓	20.0	3.170	6.0

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



# Galvanized Steel Rectangular Hollow

AS/NZS4792



<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>R (mm)</b>	<b>Mass (kg/m)</b>	<b>Length (m)</b>
RHA30B20T2R2GALV	✓	30.0	20.0	2.0	2.0	1.463	6.0
RHA38B25T1.6R2GALV	*	38.0	25.0	1.6	2.0	1.495	6.0
RHA38B25T2R2GALV	*	38.0	25.0	2.0	2.0	1.764	6.0
RHA40B20T2R2GALV	✓	40.0	20.0	2.0	2.0	1.781	6.0
RHA50B25T1.6GALV	*	50.0	25.0	1.6	2.0	2.128	6.0
RHA50B25T2R2GALV	✓	50.0	25.0	2.0	2.0	2.128	6.0
RHA60B40T2.5R2GALV	✓	60.0	40.0	2.5	2.0	3.776	6.0
RHA65B35T2.5R2GALV	*	65.0	35.0	2.5	2.0	3.749	6.0
RHA75B25T2R2GALV	*	75.0	25.0	2.0	2.0	2.887	6.0
RHA75B50T2.5R2GALV	✓	75.0	50.0	2.5	2.0	4.743	6.0
RHA75B50T4R2GALV	*	75.0	50.0	4.0	2.0	7.414	6.0
RHA80B40T3.75R2GALV	*	80.0	40.0	3.75	2.0	6.588	6.0
RHA80B40T4R2GALV	✓	80.0	40.0	4.0	2.0	7.123	6.0
RHA80B50T3R2GALV	✓	80.0	50.0	3.0	2.0	5.915	6.0
RHA100B50T3R3GALV	✓	100.0	50.0	3.0	3.0	6.495	6.0
RHA120B60T4R3GALV	✓	120.0	60.0	4.0	3.0	10.939	6.0
RHA125B65T4R3GALV	*	125.0	65.0	4.0	3.0	11.514	6.0
RHA125B75T3R3GALV	*	125.0	75.0	3.0	3.0	8.770	6.0
RHA150B50T4R4GALV	✓	150.0	50.0	4.0	4.0	11.592	6.0
RHA150B50T4R4GALV	✓	150.0	75.0	4.0	4.0	13.109	6.0
RHA200B50T4R4GALV	*	200.0	50.0	4.0	4.0	14.580	6.0
RHA200B50T5R4GALV	✓	200.0	50.0	5.0	4.0	18.708	6.0
RHA200B75T4R5GALV	*	200.0	75.0	4.0	5.0	16.839	6.0
RHA200B75T5R5GALV	*	200.0	75.0	5.0	5.0	20.655	6.0

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



# Galvanized Steel Round Tubes

AS/NZS4792



<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Length (m)</b>
RD19T1.2GALV	*	19.0	1.2	0.294	6.0
RD20T1.5GALV	✓	20.0	1.5	0.684	6.0
RD21T2.2GALV	✓	21.0	2.2	1.021	6.0
RD25T2GALV	✓	25.0	2.0	1.134	6.0
RD25.4T1.2GALV	*	25.4	1.2	0.692	6.0
RD26T2.2GALV	✓	26.0	2.2	1.291	6.0
RD32T2.2GALV	✓	32.0	2.2	1.617	6.0
RD38T3GALV	✓	38.0	3.0	2.586	6.0
RD42T3GALV	✓	42.0	3.0	2.922	6.0
RD48T3GALV	✓	48.0	3.0	3.329	6.0
RD50T3GALV	✓	50.0	3.0	3.522	6.0
RD60T3GALV	✓	60.0	3.0	4.247	6.0
RD60T3.5GALV	✓	60.0	3.5	4.877	6.0
RD76T3.25GALV	✓	76.0	3.25	5.831	6.0
RD89T3.5GALV	✓	89.0	3.5	7.371	6.0
RD114T3.25GALV	✓	114.0	3.5	8.876	6.0
RD165T3.5GALV	✓	165.0	3.5	13.939	6.0

# Galvanized Steel Solid Rod

AS/NZS3679



<b>Product Code</b>	<b>Ex Stock</b>	<b>O.D (mm)</b>	<b>Mass (kg/m)</b>	<b>Length (m)</b>
SDR8L6GALV	✓	8.0	0.400	6.0
SDR10L6GALV	✓	10.0	0.624	6.0
SDR12L6GALV	✓	12.0	0.899	6.0
SDR16L6GALV	✓	16.0	1.598	6.0
SDR18L6GALV	✓	18.0	2.023	6.0
SDR20L6GALV	✓	20.0	2.498	6.0
SDR22L6GALV	✓	22.0	3.022	6.0
SDR25L6GALV	✓	25.0	3.902	6.0

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



# Galvanized Steel Equal Angle

AS/NZS4792



<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Length (m)</b>
EAA20T3GALV	*	20.0	3.0	0.882	6.0
EAA20T5GALV	*	20.0	5.0	1.391	6.0
EAA25T3GALV	✓	25.0	3.0	1.069	6.0
EAA25T5GALV	*	25.0	5.0	1.789	6.0
EAA30T3GALV	✓	30.0	3.0	1.297	6.0
EAA30T5GALV	*	30.0	5.0	2.186	6.0
EAA40T3GALV	✓	40.0	3.0	1.836	6.0
EAA40T5GALV	✓	40.0	5.0	2.981	6.0
EAA50T3GALV	✓	50.0	3.0	2.313	6.0
EAA50T5GALV	✓	50.0	5.0	3.732	6.0
EAA50T6GALV	*	50.0	6.0	4.484	6.0
EAA60T6GALV	*	60.0	6.0	5.375	6.0
EAA63T6GALV	✓	63.0	6.0	5.658	6.0
EAA60T8GALV	✓	75.0	6.0	6.869	6.0
EAA75T8GALV	*	75.0	8.0	8.927	6.0
EAA80T6GALV	✓	80.0	6.0	7.346	6.0
EAA80T8GALV	✓	80.0	8.0	9.667	6.0
EAA80T10GALV	*	80.0	10.0	11.925	6.0
EAA100T6GALV	✓	100.0	6.0	9.254	6.0
EAA100T8GALV	✓	100.0	8.0	12.211	6.0
EAA100T10GALV	*	100.0	10.0	15.105	6.0
EAA100T12GALV	✓	100.0	12.0	17.935	6.0
EAA125T6GALV	*	125.0	6.0	11.639	6.0
EAA125T8GALV	*	125.0	8.0	15.391	6.0
EAA125T10GALV	✓	125.0	10.0	18.960	6.0

# Galvanized Steel Unequal Angle

AS/NZS4792



<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>B (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Length (m)</b>
UAA100B75T6GALV	*	100.0	75.0	6.0	12.414	6.0
UAA125B75T6GALV	*	125.0	75.0	6.0	14.250	6.0
UAA125B75T8GALV	*	125.0	75.0	8.0	18.804	6.0
UAA150B100T10GALV	*	150.0	100.0	10.0	29.381	6.0

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



# Galvanized Steel Flat Bar

AS/NZS4792



<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Length (m)</b>
FBA20T3GALV	*	20.0	3.0	0.455	6.0
FBA20T5GALV	*	20.0	5.0	0.795	6.0
FBA20T6GALV	*	20.0	6.0	0.954	6.0
FBA25T3GALV	✓	25.0	3.0	0.569	6.0
FBA25T5GALV	*	25.0	5.0	0.994	6.0
FBA25T6GALV	✓	25.0	6.0	1.193	6.0
FBA30T3GALV	✓	30.0	3.0	0.683	6.0
FBA30T5GALV	*	30.0	5.0	1.193	6.0
FBA30T6GALV	✓	30.0	6.0	1.431	6.0
FBA30T8GALV	*	30.0	8.0	1.908	6.0
FBA30T10GALV	*	30.0	10.0	2.385	6.0
FBA40T3GALV	*	40.0	3.0	0.954	6.0
FBA40T4GALV	✓	40.0	4.0	1.214	6.0
FBA40T5GALV	✓	40.0	5.0	1.590	6.0
FBA50T4GALV	✓	50.0	4.0	1.517	6.0
FBA50T5GALV	✓	50.0	5.0	1.896	6.0
FBA60T6GALV	✓	60.0	6.0	2.829	6.0
FBA80T10GALV	✓	80.0	10.0	6.286	6.0
FBA100T12GALV	✓	100.0	12.0	9.430	6.0
FBA150T6GALV	✓	150.0	6.0	7.164	6.0

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



# Plain Black Steel Flat Bar

AS1074



<b>Product Code</b>	<b>Ex Stock</b>	<b>A (mm)</b>	<b>T (mm)</b>	<b>Mass (kg/m)</b>	<b>Length (m)</b>
FBA50T6STEELMB	✓	50.0	6.0	2.370	6.0
FBA60T6STEELMB	✓	60.0	6.0	2.844	6.0
FBA65T10STEELMB	✓	65.0	10.0	5.135	6.0
FBA65T12STEELMB	✓	65.0	12.0	6.162	6.0
FBA70T10STEELMB	✓	70.0	10.0	5.530	6.0
FBA70T12STEELMB	✓	70.0	12.0	6.636	6.0
FBA75T6STEELMB	✓	75.0	6.0	3.555	6.0
FBA75T8STEELMB	✓	75.0	8.0	4.790	6.0
FBA80T6STEELMB	✓	80.0	6.0	3.792	6.0
FBA80T10STEELMB	✓	80.0	10.0	6.320	6.0
FBA80T12STEELMB	✓	80.0	12.0	7.584	6.0
FBA90T6STEELMB	✓	90.0	6.0	4.266	6.0
FBA90T8STEELMB	✓	90.0	8.0	5.688	6.0
FBA90T10STEELMB	✓	90.0	10.0	7.110	6.0
FBA90T12STEELMB	✓	90.0	12.0	8.532	6.0
FBA100T6STEELMB	✓	100.0	6.0	4.740	6.0
FBA100T8STEELMB	✓	100.0	8.0	6.320	6.0
FBA100T10STEELMB	✓	100.0	10.0	7.900	6.0
FBA130T6STEELMB	✓	130.0	6.0	6.162	6.0
FBA150T6STEELMB	✓	150.0	6.0	7.110	6.0
FBA180T6STEELMB	✓	180.0	6.0	8.532	6.0
FBA180T10STEELMB	✓	180.0	10.0	14.220	6.0
FBA200T6STEELMB	✓	200.0	6.0	9.480	6.0
FBA200T10STEELMB	✓	200.0	10.0	15.800	6.0
FBA235T6STEELMB	✓	235.0	6.0	11.139	6.0
FBA235T8STEELMB	✓	235.0	8.0	14.852	6.0
FBA235T10STEELMB	✓	235.0	10.0	18.565	6.0
FBA250T6STEELMB	✓	250.0	6.0	11.850	6.0
FBA250T8STEELMB	✓	250.0	8.0	15.800	6.0
FBA250T10STEELMB	✓	250.0	10.0	19.750	6.0

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



# Cold Rolled Steel Flat Sheet

SPCC



Product Code	Ex Stock	Thickness (mm)	Length (mm)	Width (mm)	Weight (kg)
CRSS0812524	✓	0.80	1250	2400	19.08
CRSS112524	✓	1.00	1250	2400	23.85
CRSS1212524	✓	1.20	1250	2400	28.62
CRSS1612524	✓	1.60	1250	2400	38.16
CRSS2012524	✓	2.00	1250	2400	47.70

#### Main Applications:

- Automotive Industry:** Car bodies and structural components.
- Appliances:** Home appliances like refrigerators and washing machines.
- Construction:** Roofing materials and wall panels.
- Furniture:** Metal furniture and cabinetry and etc.

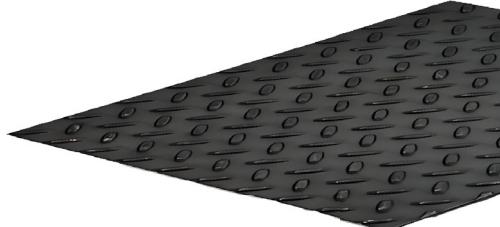
#### Note:

**SPCC** Steel is a commercial high quality cold rolled steel in Japanese standard **JIS G3141**.

("S" means steel, "P" means plate, "C" means cold rolled, the second "C" means commercial use)

# Hot Rolled Steel Tread Plate

Q235B



Product Code	Ex Stock	Thickness (mm)	Length (mm)	Width (mm)	Weight (kg)
HRSTP312524	✓	3.00	1250	2400	75.13
HRSTP3153	✓	3.00	1500	3000	112.69
HRSTP412524	✓	4.00	1250	2400	100.17
HRSTP4153	✓	4.00	1500	3000	150.26
HRSTP512524	✓	5.00	1250	2400	125.21
HRSTP612524	✓	6.00	1250	2400	150.26
HRSTP6153	✓	6.00	1500	3000	225.38
HRSTP812524	✓	8.00	1250	2400	200.34

#### Main Applications:

- Industrial Flooring:** Platforms, stair treads, and walkways.
- Vehicle and Trailer Beds:** Flooring for trucks and trailers.
- Construction:** Ramps and dock plates.
- Marine Applications:** Decks and offshore structures and etc.

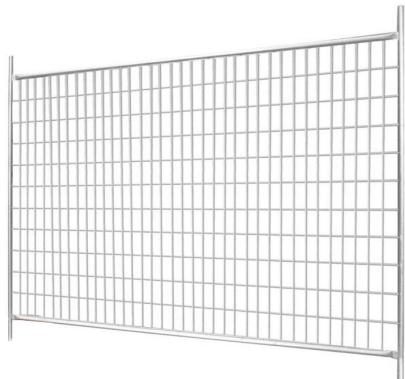
#### Note:

**Q235B** Steel is a common grade of hot-rolled steel in the Chinese standard **GB/T 700**. It is known for its good weldability, plasticity, and overall performance, making it widely used in structural applications.

(The "Q" stands for the yield point, while "235" refers to the yield strength (235 MPa), and "B" indicates the quality grade)

# Temporary Fencing Systems

## Temporary Fence Panel



*Hot-dip galvanisation for maximum corrosion protection in harsh environments. Primarily used for Civil Construction Projects, Sport Events and Environmental Protection applications.*

### Product Code

### Panel Size

TFSH2.1L2.4

2.4m (W) X 2.1m (H)

Finish: 14 micron galvanized steel finish

Mesh: 150mm X 60mm mesh spacing

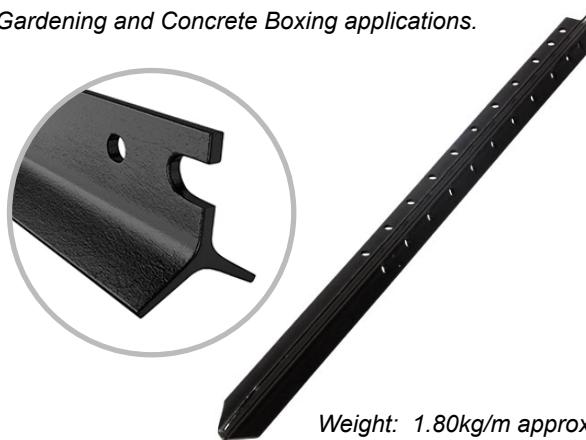
2.5mm thickness wire mesh

Product Code SL-71	Product Code SL-72	Product Code TFBH2.1L2.4
Description Concrete Filled Foot	Description Panel Clamp	Description Panel Bracing

## Y-Post / Waratah Systems

### Steel Y Posts - Painted Black

*Hot-dip galvanisation for maximum corrosion protection in harsh environments. Primarily used for Temporary Fencing, Gardening and Concrete Boxing applications.*



Weight: 1.80kg/m approx.

### Product Code

### Length

### Holes

SYP0.45M	450mm	2
SYP0.6M	600mm	3
SYP0.8M	800mm	5
SYP0.9M	900mm	5
SYP1.2M	1200mm	11
SYP1.35M	1350mm	11
SYP1.5M	1500mm	14
SYP1.65M	1650mm	14
SYP1.8M	1800mm	14
SYP2.4M	2400mm	17
SYP2.7M	2700mm	17
SYP3M	3000mm	17

Product Code SL-45	Product Code SL-47	Product Code SL-20	Product Code SL-21	Product Code GM-GYFZ-67
Description Post Rammer	Description Post Lifter	Description Round Safety Cap	Weight (Kg/m) Triangle Safety Cap	Description Wire Strainer

# Fence Netting

## Chainlink Fence Netting

<b>Material</b>	<b>Code</b>	<b>Wire Diameter</b>	<b>Aperture</b>	<b>Height</b>	<b>Length</b>
Hot-dip Galvanised	CFH0.9L10	2.5mm	50x50mm	0.9m	10m
	CFH0.9L20	2.5mm	50x50mm	0.9m	20m
	CFH1.2L10	2.5mm	50x50mm	1.2m	10m
	CFH1.5L10	2.5mm	50x50mm	1.5m	10m
	CFH1.8L10	2.5mm	50x50mm	1.8m	10m
Green PVC Coated Galvanised	CFH0.9L20PVC	2.5mm	50x50mm	0.9m	20m

## HEX Fence Netting

<b>Material</b>	<b>Code</b>	<b>Wire Diameter</b>	<b>Aperture</b>	<b>Height</b>	<b>Length</b>
Hot-dip Galvanised	HFH0.9L50	0.9mm	50x50mm	0.9m	50m
	HFH1.2L50	0.9mm	50x50mm	1.2m	50m
	HFH1.5L50	0.9mm	50x50mm	1.5m	50m
	HFH1.8L50	0.9mm	50x50mm	1.8m	50m
	HFH2L50	0.9mm	50x50mm	2.0m	50m

## AERO Folded Wire Fence

<b>Material</b>	<b>Code</b>	<b>Wire Diameter</b>	<b>Aperture</b>	<b>Height</b>	<b>Length</b>
Galvanised Steel	AFFH1.2L2.4	7.5mm	75mm	1.2m	2.4m
	AFFH1.5L2.4	7.5mm	75mm	1.5m	2.4m
	AFFH1.8L2.4	7.5mm	75mm	1.8m	2.4m

\*Note: Black PVC & Galvanised Steel options both available

## Palisade Fence

	<b>Code</b>	<b>Picket Size</b>	<b>Aperture</b>	<b>Height</b>	<b>Length</b>
	PFH1.2L2.4	68x68mm	150mm	1.2m	2.4m
	PFH1.5L2.4	68x68mm	150mm	1.5m	2.4m
	FH1.8L2.4	68x68mm	150mm	1.8m	2.4m

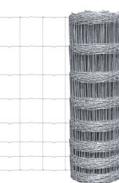
# Fence Netting

## Welded Square Fence Netting

<b>Material</b>	<b>Code</b>	<b>Wire Diameter</b>	<b>Aperture</b>	<b>Height</b>	<b>Length</b>
	SWWFH0.9L10	0.9mm	25x25mm	0.9m	10m
	SWWFH1.2L10	0.9mm	25x25mm	1.2m	10m

Hot-dip Galvanised

## Sheep Fence Netting

<b>Material</b>	<b>Code</b>	<b>Wire Diameter</b>	<b>Aperture</b>	<b>Height</b>	<b>Length</b>
	FSFH0.9L50	2.0mm	300x150mm	0.9m	50m
	FSFH1.2L50	2.0mm	300x150mm	1.2m	50m
	FSFH1.5L50	2.0mm	300x150mm	1.5m	50m
	FSFH1.9L50	2.0mm	300x150mm	1.9m	50m

Hot-dip Galvanised

## Orange Safety Netting

<b>Material</b>	<b>Code</b>	<b>Weight</b>	<b>Aperture</b>	<b>Height</b>	<b>Length</b>
	SMW1L50RED4.5	4.5kg/Roll	65x35mm	1.0m	50m
	SMW1L50RED	8.0kg/Roll	75x45mm	1.0m	50m

UV stabilised  
High Density Polyethylene

## High Tensile Fence Wire

<b>Material</b>	<b>Code</b>	<b>Wire Diameter</b>	<b>Weight</b>	<b>Length</b>
	FWGALV1.6	1.6mm	1kg (approx)	63m
	FWGALV2	2.0mm	1kg (approx)	40m

Hot-dip Galvanised

## Barbed Fence Wire

<b>Type</b>	<b>Code</b>	<b>Wire Diameter</b>	<b>Weight</b>	<b>Length</b>
	RBFWGALV1.6	1.6mm	5kg (approx)	5m
	SBFWGALV2.2	2.2mm	5kg (approx)	50m

Razor Wire  
  
Standard Barbed Wire

# Accessories

					
Product Code HD108	Product Code HD101	Product Code SS850	Product Code SS511B	Product Code Sealant Gun 1	
Description Kitchen and Bathroom Sealant	Description General Purpose Sealant	Description Window and Door Sealant	Description Silicone Sealant	Description	
					
Product Code Sealant Gun 2	Product Code GC5	Product Code GC6	Product Code GC10	Product Code GC9	
Description For SS511B Silicone Sealant	Description 5" - 125mm G Clamp	Description 6" - 150mm G Clamp	Description 10" - 250mm G Clamp	Description F Heavy Duty Clamp	
					
Product Code SL80	Product Code SL79	Product Code Stretch Wrap PE	Product Code PVC-75mmx50m	Product Code PVC-48mmx50m	
Description Handy Wrap Handle	Description Stretch Wrap Film - S	Description Stretch Wrap Film - L	Description 75mm PVC Orange Tape	Weight (Kg/m) 48mm PVC Orange Tape	
					
Product Code PVC -36mmx50m					
Weight (Kg/m) 36mm PVC Orange Tape					

# Screws



## CSK Head - Self Tapping Screw 304 Stainless Steel

<b>Drive Type</b>	<b>Code</b>	<b>Gauge</b>	<b>Thread Diameter</b>	<b>Length</b>
 Square Drive	D49	5g	M3.3	17mm
	D4	8g	M4.2	25mm
 Philips Drive	D58	8g	M4.2	38mm
	D57	8g	M4.2	50mm
	D59	8g	M4.2	60mm
 Int Hex Drive	D3	12g	M5.5	40mm
	D2	14g	M6.3	50mm
	D1	20g	M8	50mm
	D54	20g	M8	55mm



## CSK Head - Self Drilling Screw 304 Stainless Steel

<b>Drive Type</b>	<b>Code</b>	<b>Gauge</b>	<b>Thread Diameter</b>	<b>Length</b>
 Square Drive	D42	7g	M4	11mm
	D48	8g	M4.2	19mm
	D30	10g	M4.8	25mm
	D30 (Black)	10g	M4.8	25mm
	D31	10g	M4.8	38mm
 Int Hex Drive	D29 (Black)	12g	M5.5	19mm
 Philips Drive	D26	12g	M5.5	25mm



## CSK Head - Dog Point Screw 304 Stainless Steel

<b>Drive Type</b>	<b>Code</b>	<b>Gauge</b>	<b>Thread Diameter</b>	<b>Length</b>
 Square Drive	D37 (Black)	6g	M3.5	17mm
	D38 (Black)	6g	M3.5	24mm
	D39	6g	M3.5	25mm

# Screws



## PAN Head - Self Tapping Screw 304 Stainless Steel

<b>Drive Type</b>	<b>Code</b>	<b>Gauge</b>	<b>Thread Diameter</b>	<b>Length</b>
 Square Drive	D35	6g	M3.5	19mm
	D40	6g	M3.5	37mm
	D41	6g	M3.5	50mm
	D33	8g	M4.2	19mm
	D5	8g	M4.2	25mm
	D46	8g	M4.2	38mm
	D32	8g	M4.2	50mm
	D45	8g	M4.2	76.2mm
	D47	10g	M4.8	55mm
	D56	12g	M5.5	25mm
 Philips Drive	D26	12g	M5.5	25mm



## PAN Head - Self Drilling Screw 304 Stainless Steel

<b>Drive Type</b>	<b>Code</b>	<b>Gauge</b>	<b>Thread Diameter</b>	<b>Length</b>
 Philips Drive	D22	8g	M4.2	16mm
	D23	8g	M4.2	19mm
	D91	8g	M4.2	25mm
	D92	8g	M4.2	32mm
	D52	10g	M5	40mm
 Square Drive	D34	8g	M4.2	19mm



## PAN Head - Dog Point Screw 304 Stainless Steel

<b>Drive Type</b>	<b>Code</b>	<b>Gauge</b>	<b>Thread Diameter</b>	<b>Length</b>
 Square Drive	D36	6g	M3.5	19mm
	D43	8g	M4.2	7mm
	D44 (Black)	8g	M4.2	7mm
	D60	8g	M4.2	25mm

# Screws



## CSK Head - Self Tapping Screw Steel

<b>Drive Type</b>	<b>Code</b>	<b>Gauge</b>	<b>Thread Diameter</b>	<b>Length</b>
Square Drive	D21	6g	M3.5	16mm
	D20	7g	M4	28mm
	D19	7g	M4	32mm
	D18	7g	M4	38mm
	D17	7g	M4	50mm
	D16	7g	M4	65mm
	D14	10g	M5	88mm
	D15 (Black)	10g	M5	88mm



## Truss Head - Self Drilling Screw 304 Stainless Steel

<b>Drive Type</b>	<b>Code</b>	<b>Gauge</b>	<b>Thread Diameter</b>	<b>Length</b>
Square Drive	D50	8g	M4.2	19mm
	D51	8g	M4.2	25mm
Philips Drive	D6 Galvanized Steel	10g	M4.8	16mm
	D7 Galvanized Steel	7g	M4	220mm



## HEX Washer Head - Self Drilling Screw 304 Stainless Steel

<b>Drive Type</b>	<b>Code</b>	<b>Gauge</b>	<b>Thread Diameter</b>	<b>Length</b>
Washer Drive	D8	10g	M4.8	50mm
	D9 (Black)	12g	M5.5	25mm
	D10 (Black)	12g	M5.5	30mm
	D11 (Black)	12g	M5.5	35mm
	D24 (Black)	12g	M5.5	16mm
	D25 (Black)	12g	M5.5	38mm
	D12	12g	M5.5	55mm

# Coach Screws



## HEX Head - Self Tapping Coach Screw

Galvanised Steel - AS1393

<b>Drive Type</b>	<b>Code</b>	<b>Thread Diameter</b>	<b>Length</b>
 Hex Drive	D65-50	M6	50mm
	D65-60	M6	60mm
	D65-75	M6	75mm
	D65-80	M6	80mm
	D65-90	M6	90mm
	D65-100	M6	100mm
	D65-120	M6	120mm
	D65-130	M6	130mm
	D66-50	M8	50mm
	D66-65	M8	65mm
	D66-75	M8	75mm
	D66-90	M8	90mm
	D66-100	M8	100mm
	D66-120	M8	120mm
	D66-130	M8	130mm
	D66-150	M8	150mm
	D66-160	M8	160mm
	D66-180	M8	180mm
	D66-200	M8	200mm
	D67-50	M10	50mm
	D67-65	M10	65mm
	D67-75	M10	75mm
	D67-80	M10	80mm
	D67-90	M10	90mm
	D67-100	M10	100mm
	D67-120	M10	120mm
	D67-130	M10	130mm
	D67-150	M10	150mm
	D67-180	M10	180mm
	D67-200	M10	200mm
	D68-60	M12	60mm
	D68-75	M12	75mm
	D68-90	M12	90mm
	D68-100	M12	100mm
	D68-120	M12	120mm
	D68-150	M12	150mm
	D68-200	M12	200mm
	D68-220	M12	220mm
	D68-260	M12	260mm

# Coach Screws



## HEX Head - Self Tapping Coach Screw Stainless Steel - DIN571

<b>Drive Type</b>	<b>Code</b>	<b>Thread Diameter</b>	<b>Length</b>
 Hex Drive	D69-50	M6	50mm
	D69-60	M6	60mm
	D69-75	M6	75mm
	D69-90	M6	90mm
	D69-100	M6	100mm
	D69-120	M6	120mm
	D69-130	M6	130mm
	D70-50	M8	50mm
	D70-60	M8	60mm
	D70-75	M8	75mm
	D70-100	M8	100mm
	D70-120	M8	120mm
	D70-150	M8	150mm
	D70-180	M8	180mm
	D71-60	M10	60mm
	D71-80	M10	80mm
	D71-90	M10	90mm
	D71-100	M10	100mm
	D71-120	M10	120mm
	D71-130	M10	130mm
	D71-150	M10	150mm
	D71-160	M10	160mm
	D71-180	M10	180mm
	D71-200	M10	200mm
	D72-65	M12	65mm
	D72-75	M12	75mm
	D72-90	M12	90mm
	D72-100	M12	100mm
	D72-110	M12	110mm
	D72-120	M12	120mm
	D72-130	M12	130mm
	D72-150	M12	150mm
	D72-180	M12	180mm
	D72-200	M12	200mm

# Masonry Anchor



## HEX Flange Head - Masonry Anchor

Zinc Plated - AS1789

<b>Drive Type</b>	<b>Code</b>	<b>Thread Diameter</b>	<b>Length</b>
 Hex Flange Drive	D73-75	M8	75mm
	D73-100	M8	100mm
	D74-60	M10	60mm
	D74-75	M10	75mm
	D74-100	M10	100mm
	D75-60	M12	60mm
	D75-75	M12	75mm
	D75-100	M12	100mm



## Square Flat Washer

Galvanised - AS1789

<b>Material</b>	<b>Code</b>	<b>Hole Size</b>	<b>Washer Size</b>
Galvanised Steel AS1789	D76-GALV	M10.5	40x40x3.0mm
	D77-GALV	M10.5	50x50x3.0mm
	D78-GALV	M12.5	50x50x3.0mm



## Square Flat Washer

304 Stainless Steel

<b>Material</b>	<b>Code</b>	<b>Hole Size</b>	<b>Washer Size</b>
Stainless Steel SS304	D76-SS	M10.5	40x40x3.0mm
	D77-SS	M10.5	50x50x3.0mm
	D78-SS	M12.5	50x50x3.0mm

# Threaded Rod



## Threaded Rod

*Galvanised Steel & Stainless Steel*

Material	Code	Thread Diameter	Length
	D85-GALV	M8	1000mm
	D86-GALV	M10	1000mm
	D87-GALV	M12	1000mm
	D85-SS	M8	1000mm
	D86-SS	M10	1000mm
	D87-SS	M12	1000mm

## Threaded Rod Round Washer

*Galvanised Steel & Stainless Steel*

Material	Code	Hole Size	Thickness
	D85-GALV	M8	1.2mm
	D86-GALV	M10	2.0mm
	D87-GALV	M12	2.5mm
	D85-SS	M8	1.2mm
	D86-SS	M10	2.0mm
	D87-SS	M12	2.5mm

## Threaded Rod Hex Nut

*Galvanised Steel & Stainless Steel*

Material	Code	Hole Size
	D79-GALV	M8
	D80-GALV	M10
	D81-GALV	M12
	D79-SS	M8
	D80-SS	M10
	D81-SS	M12
	D82	M8
	D83	M10
	D84	M12

# Screws



## Anchor Drive Expansion Rivet

*Galvanised Steel*

**Drive Type**



*Hammer Drive*

**Code**

SL317

SL318

SL319

SL320

SL321

**Gauge**

14g

14g

14g

14g

14g

**Thread Diameter**

M6

M6

M6

M6

M6

**Length**

40mm

50mm

60mm

70mm

80mm

# Technical Data Sheet

ALLOY	TEMPER	Thickness (mm)		Tensile Strength (MPa)		Elongation (% min in 50mm or 5.65 √A)
		Over	Up to	Ultimate Min	Ultimate 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
		-	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 <sub>s</sub>	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	-TO	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		12.0	120	75
6060	-T5	-	12.0	150	110	6
		12.0	25.0	145	105	
6060	-T52	-	12.0	150	205	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	8

# Technical Data Sheet

ALLOY	TEMPER	Thickness (mm)		Tensile Strength (MPa)				Elongation (% min in 50mm or 5.65 √A)
		Over	Up to	Ultimate Min	Ultimate Max	Yield Min	Yield 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	150.0	205		170		8
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

# Technical Data Sheet

ALLOY	TEMPER	Thickness (mm)		Tensile Strength (MPa)				Elongation (% min in 50mm or 5.65 √A)
		Over	Up to	Ultimate Min	Ultimate Max	Yield Min	Yield 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
		0.25	0.30	110	145			1
1100	-H14	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

# Technical Data Sheet

ALLOY	TEMPER	Thickness (mm)		Tensile Strength (MPa)				Elongation (% min in 50mm or 5.65 √A)
		Over	Up to	Ultimate Min	Ultimate Max	Yield Min	Yield 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



# Technical Data Sheet

ALLOY	TEMPER	Thickness (mm)		Tensile Strength (MPa)				Elongation (% min in 50mm or 5.65 √A)
		Over	Up to	Ultimate	Yield	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
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



# Technical Data Sheet

ALLOY	TEMPER	Thickness (mm)		Tensile Strength (MPa)				Elongation (% min in 50mm or 5.65 √A)
		Over	Up to	Ultimate Min	Ultimate Max	Yield Min	Yield 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

# Technical Data Sheet

ALLOY	TEMPER	Thickness (mm)		Tensile Strength (MPa)				Elongation (% min in 50mm or 5.65 √A)
		Over	Up to	Ultimate Min	Ultimate Max	Yeild Min	Yeild Max	
5052	-H38	0.15	0.20	270		220		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

# Technical Data Sheet

ALLOY	TEMPER	Thickness (mm)		Tensile Strength (MPa)				Elongation (% min in 50mm or 5.65 √A)
		Over	Up to	Ultimate Min	Ultimate Max	Yeild Min	Yeild 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

## **NOTE**



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