

New Plymouth **Steel** *Supplies*

ALUMINIUM CATALOGUE

- Sheet
- Plate
- Tread Plate
- Angles
- Channels
- Flats
- Round Rod
- Round Tube



NEW PLYMOUTH STEEL SUPPLIES LTD

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NEW PLYMOUTH STEEL SUPPLIES LTD

Water Staining

Aluminium will not rust as will steel, but under certain conditions it will stain. Staining will have no significant effect on strength but may cause processing problems where additional surface finishing or fabrication is to be performed.

Water staining is generally a white powdery substance on the surface of the aluminium but depending on the alloy or amount of oxidation it may have an iridescent appearance.

Staining can occur when water is trapped between wraps, sheets or other mating surfaces. If there is no air flow to remove the water, prolonged contact between the water and the metal causes a reaction which results in water stain.

Virtually all staining problems occur during shipping, handling, or storage.

To Prevent Water Stain

Keep Aluminium dry and avoid exposure to condensation.

Avoid storing in areas that experience large fluctuations in temperature and humidity.

If the Aluminium feels cold on delivery, do not put in a heated warehouse straight away as it may sweat and become water stained. Leave in a cool dry indoor area away from drafts to allow it to warm up slowly.

During transit & storage flat sheet and plate should be wrapped with paper, plastic film, or laminates that provide reasonable protection against moisture penetration.

During transit the Aluminium should be handled and secured in a way that does not tear or compromise the packaging in any way.

If you experience any signs of moisture, dampness or water staining on your aluminium delivery, please phone our office immediately.

Corrosion

Pure Aluminium, being covered with a thin air-formed inert oxide, has by nature a high resistance to corrosion. This resistance is compromised however, by aggressive environments, and by alloying the metal necessary for certain other properties such as mechanical strength

To Avoid Corrosion

- Avoid dissimilar metal contact whenever possible, do not store with other metals. Line shelving, racks, and bins, with wood.
- Use fasteners that are nobler than the structural parts to minimise galvanic effects. Butt weld where possible.
- Seal all joints and bolt holes
- Eliminate corners and crevices which are difficult to clean
- Never use aluminium in anaerobic (no oxygen) conditions

**Please contact sales staff for information on Galvanic Corrosion effects between Aluminium and other metals, and also corrosion effects between Aluminium and other materials, such as wood, concrete, chemicals etc.*

Pitting / Weathering

Pitting corrosion can develop at localised weak spots in the Aluminium's natural oxide barrier. Contaminants like the salts in sea air and inland dust, or in spray thrown up from asphalted surfaces, produce an active solution sufficient to destabilise the protective oxide film and attack the metal. Regular maintenance and washing down of Aluminium should prevent permanent discolouration from the effects of industrial pollutants.

Cleaning

In cleaning Aluminium one should always start with the mildest method possible (Plain water or mild soap / detergent) and only move to successively harsher treatments (solvents, chemicals, wax based polish, abrasive wax / cleaners) if absolutely necessary. After cleaning, the aluminium should be washed thoroughly and dried to prevent streaking.

A metal polish product such as Autosol (available in stores like Repco etc) can be very effective in cleaning & polishing Aluminium.

NEW PLYMOUTH STEEL SUPPLIES LTD

Alloy Characteristics & Specifications

Rolled Products & Steel Plate					Tensile Strength	
Alloy	Description	Temper	Size	Ultimate		Yield Min
				Min	Max	
5005	General Purpose Suitable for welding. Uses include sheet metal work and appliances.	H34	0.7 – 3.0mm	137	180	105
5052	Marine Grade A medium strength alloy with good ductility and high corrosion resistance. Suitable for welding. Uses include marine applications, panelling & pressing for transport, boxes and containers.	H32	0.5 - 12mm	213	263	158
		H34	0.3 - 6.0mm	234	283	179
5083	Marine Grade Certified Used in high strength structural applications, welded marine applications, aircraft, and road transport vehicles.	H321	5.0 - 40mm	303	387	213
		H116	3.0 - 30mm	305		215
6061	Engineering Grade Used in structural applications where corrosion resistance is required. Transport, marine, aviation. Heat treatable.	T651	12.5 - 100mm	290		240
			100 - 150mm	275		240
			150 - 175mm	265		230

Extruded Products - Rod, Bar, Solid & Hollow Shapes, Tube					Tensile Strength	
Alloy	Description	Temper	Size	Ultimate		Yield Min
				Min	Max	
6060/ 6063	Architectural & General Purpose Light to medium strength with good surface finish and high corrosion resistance. Anodises well Medium weld strength. Used in light structural and architectural applications such as glazing bars, and window frames	T5	up to 12mm	150		110
			12 - 25mm	145		105
		T6	up to 25mm	205		170
			25 - 150mm	185		160
6061	Structural Alloy. Medium weld strength, good corrosion resistance	T6	all	262		241
6261	Commercial Machining Alloy Structural Alloy, good surface finish & corrosion resistance. Suitable for welding. Good anodising. Used in applications where finish is important. Yacht masts, road transport, ladders	T5 & T6	all	260		240

All grades above can be welded & folded, see sales staff for info & advice

NEW PLYMOUTH STEEL SUPPLIES LTD

FLAT SHEET & PLATE

<u>Thickness</u> mm	<u>Width x Length</u> mm	<u>Alloy / Temper</u>	<u>Description</u>	<u>Finish</u>
0.7	1200 x 2400	5005 / H34	General Purpose	MF
0.9	1200 x 2400 1200 x 3600	5005 / H34 5005 / H34	General Purpose General Purpose	MF PE
1.2	1200 x 2400 1500 x 3600	5005 / H34 5005 / H34	General Purpose General Purpose	MF MF
1.6	1200 x 2400 0900 x 2400 1500 x 3600	5005 / H34 5005 / H34 5005 / H34	General Purpose General Purpose General Purpose	PE PE MF
2	1200 x 2400 0900 x 2400 1200 x 3600	5052 / H32 5052 / H34 5052 / H32	Marine Grade Marine Grade Marine Grade	PE MF PE
2.5	1200 x 2400 0900 x 2400	5052 / H34 5052 / H34	Marine Grade Marine Grade	PE MF
3	1200 x 2400 1200 x 2400 1200 x 6100 1500 x 3600 1830 x 6100	5052 / H32 5005 / H34 5052 / H32 5052 / H32 5083 / H321/H116	Marine Grade General Purpose Marine Grade General Purpose Marine Grade Certified	PE PE MF PE MF
4	1200 x 2400 1200 x 6100 1530 x 7500 1530 x 9000 1830 x 6100	5052 / H32 5083 / H321/H116 5083 / H321 5083 / H321/H116 5083 / H321/H116	Marine Grade Marine Grade Certified Marine Grade Certified Marine Grade Certified Marine Grade Certified	MF MF MF MF MF
5	1200 x 2400 1200 x 6100 1830 x 6100 2000 x 9100	5052 / H32 5083 / H321/H116 5083 / H321 5083 / H321/H116	Marine Grade Marine Grade Certified Marine Grade Certified Marine Grade Certified	MF MF MF MF
6	1200 X 2400 1830 X 6100	5052 / H32 5083 / H321/H116	Marine Grade Marine Grade Certified	MF MF

Bold type indicates product stocked in New Plymouth
Please see sales staff for availability on other sheet sizes

PE = Plastic Coated

MF = Mill Finish

FLAT SHEET & PLATE

<u>Thickness</u> <u>mm</u>	<u>Width x Length</u> <u>mm</u>	<u>Alloy / Temper</u>	<u>Description</u>	<u>Finish</u>
8	1830 x 6100	5083 / H116	Marine Grade Certified	MF
10	1200 x 2400	5083 / H321/H116	Marine Grade Certified	MF
	1830 x 6100	5083 / H321	Marine Grade Certified	MF
12	1200 x 2400	5083 / H321/H116	Marine Grade Certified	MF
	1830 x 6100	5083 / H321	Marine Grade Certified	MF
20	1524 x 3650	5083 / H321	Marine Grade Certified	MF
	1524 x 3650	6061 / T651	Engineering Grade	MF
25	1524 x 3650	5083 / H321	Marine Grade Certified	MF
	1524 x 3650	6061 / T651	Engineering Grade	MF
32	1524 x 3650	5052 / H32	Marine Grade	MF
	1524 x 3650	5083 / H321	Marine Grade Certified	MF
	1524 x 3650	6061 / T651	Engineering Grade	MF
40	1524 x 3650	6061 / T651	Engineering Grade	MF
50	1524 x 3650	6061 / T651	Engineering Grade	MF
65	1524 x 3650	6061 / T651	Engineering Grade	MF
80	1525 x 3650	5083 / H112	Marine Grade Certified	MF
	1524 x 3650	6061 / T651	Engineering Grade	MF
100	1525 x 3650	6061 / T651	Engineering Grade	MF
114	1525 x 3000	6061 / T651	Engineering Grade	MF
127	1525 x 3650	6061 / T651	Engineering Grade	MF
155	1525 x 3000	6061 / T651	Engineering Grade	MF
203	1537 x 3670	6061 / T651	Engineering Grade	MF
254	1524 x 3670	6061 / T651	Engineering Grade	MF
305	1250 x 1800	6061 / T651	Engineering Grade	MF

Please see sales staff for availability on the sheets above

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MF = Mill Finish

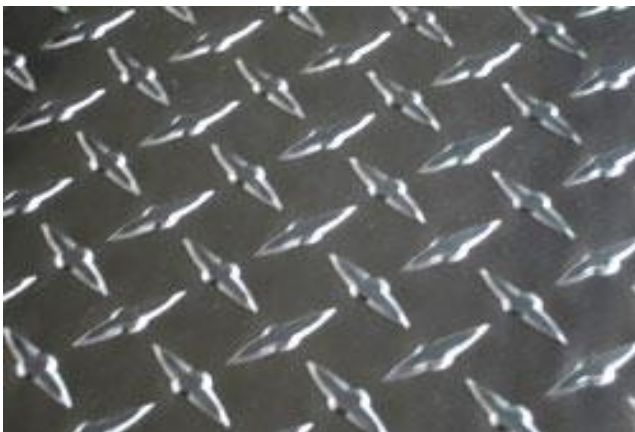
TREAD PLATE

<u>Thickness</u> <u>mm</u>	<u>Width x Length</u> <u>mm</u>	<u>Alloy / Temper</u>	<u>Description</u>	<u>Finish</u>
1.6	1200 x 2400	3003 / H22	Propeller Bright	B
2	1200 x 2400	5052 / H114	5 Bar Marine	MF
3	1200 x 2400	3003 / H22	Propeller Bright	B
	1200 x 2400	5052 / H114	5 Bar Marine	MF
	1200 x 4800	5052 / H114	5 Bar Marine	MF
	1500 x 4500	5052 / H114	5 Bar Marine	MF
4	1200 x 2400	5052 / H114	5 Bar Marine	MF
	1500 x 4500	5052 / H114	5 Bar Marine	MF
5	1200 x 2400	5052 / H114	5 Bar Marine	MF
6	1200 x 2400	5052 / H114	5 Bar Marine	MF

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B = Bright

MF = Mill Finish



Propeller Plate



Tread Plate / 5 Bar Marine

NEW PLYMOUTH STEEL SUPPLIES LTD

ANGLES

Size mm	Length mm	Alloy Temper	Mass kg/m
12.5 x 1.6	5000	6063 T5	0.104
15 x 1.6	5000	6060 T5	0.122
19.1 x 1.6	5000	6060 T5	0.155
20 x 1.6	5000	6063 T5	0.167
20 x 3.0	5000	6063 T5	0.300
25 x 1.5	5000	6063 T5	0.197
25 x 3.0	5000	6063 T5	0.379
25 x 4.5	5000	6063 T5	0.550
25.4 x 6.4	5000	6261 T5	0.768
30 x 6.0	7500	6261 T5	0.868
31.7 x 4.8	5000	6063 T5	0.753
31.7 x 6.4	5000	6261 T5	0.978
32 x 3	5000	6063 T5	0.494
40 x 1.6	5000	6063 T5	0.338
40 x 3.0	5000	6063 T5	0.624
40 x 4.5	5000	6060 T5	0.915
40 x 6	5000	6261 T5	1.192
40 x 6	7500	6261 T5	1.192
50 x 1.5	5000	6063 T5	0.398
50 x 3	5000	6063 T5	0.786
50 x 4	5000	6063 T5	1.035
50 x 4.5	5000	6063 T5	1.150
50 x 4.5	6000	6063 T5	1.150
50 x 4.75	5000	6063 T5	1.230
50 x 6	5000	6261 T5	1.521
60 x 6	5000	6063 T5	1.847
75 x 6	5000	6261 T6	2.330
75 x 9	5000	6261 T5	3.426
100 x 6	5000	6063 T5	3.149
100 x 10	5000	6060 T5	5.129

UNEQUAL ANGLES

Size mm	Length	Alloy Temper	Mass kg/m
20 x 12 x 1.6	5000	6063 T5	0.131
22 x 12 x 3.0	5000	6063 T5	0.248
25 x 12 x 1.6	5000	6063 T5	0.151
32 x 20 x 1.5	5000	6063 T5	0.203
32 x 25 x 3.0	5000	6063 T5	0.437
40 x 12 x 1.6	5000	6060 T5	0.22
40 x 20 x 1.6	5000	6063 T5	0.252
40 x 20 x 3	5000	6060 T5	0.464
40 x 25 x 1.5	5000	6063 T5	0.257
40 x 25 x 3.0	5000	6063 T5	0.502
50 x 20 x 1.6	5000	6060 T5	0.296
50 x 20 x 3.0	5000	6063 T5	0.543
50 x 25 x 1.5	5000	6063 T5	0.297
50 x 25 x 3.0	5000	6063 T5	0.583
60 x 30 x 6.0	5000	6261 T6	1.336
65 x 25 x 3.0	5000	6063 T5	0.726
75 x 25 x 3.0	5000	6063 T5	0.783
75 x 50 x 4.5	5000	6063 T5	1.462
75 x 50 x 6.0	5000	6063 T5	1.926
75 x 50 x 6.0	5000	6261 T5	1.926
80 x 40 x 3.0	5000	6063 T5	0.956
100 x 50 x 3.0	5000	6063 T5	1.191
100 x 50 x 6.0	5000	6261 T5	2.332
150 x 75 x 6.0	5000	6261 T5	3.544

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FLAT BAR

Size mm	Length mm	Alloy Temper	Mass kg/m
13 x 3	5000	6063 T5	0.106
16 x 3	5000	6063 T5	0.13
19 x 6	5000	6063 T5	0.305
20 x 1.6	5000	6060 T5	0.087
20 x 3	5000	6063 T5	0.159
20 x 5	5000	6063 T5	0.269
25 x 1.6	5000	6060 T5	0.109
25 x 3	5000	6063 T5	0.202
25 x 5	5000	6063 T5	0.335
25 x 6	5000	6063 T5	0.402
25.4 x 9.5	5000	6063 T5	0.653
25.4 x 12.7	5000	6063 T5	0.869
31.8 x 3.2	5000	6063 T5	0.274
31.8 x 6.4	5000	6063 T5	0.549
31.8 x 12.7	5000	6063 T5	1.09
32 x 4.5	5000	6063 T5	0.386
38 x 3	5000	6063 T5	0.305
38 x 4.5	5000	6063 T5	0.461
38 x 6	5000	6063 T5	0.613
38 x 10	5000	6063 T5	1.02
40 x 6	5000	6063 T5	0.626
40 x 10	5000	6063 T5	1.08
38.1 x 12.7	5000	6063 T5	1.32
50 x 3	5000	6063 T5	0.404
50 x 4.5	5000	6063 T5	0.599
50 x 6	5000	6063 or 6261 T5	0.81
50 x 10	5000	6063 or 6060 T5	1.35
50 x 12	5000	6063 T5	1.619
50 x 20	5000	6061 T6	2.66
50 x 25	5000	6063 T5	3.375

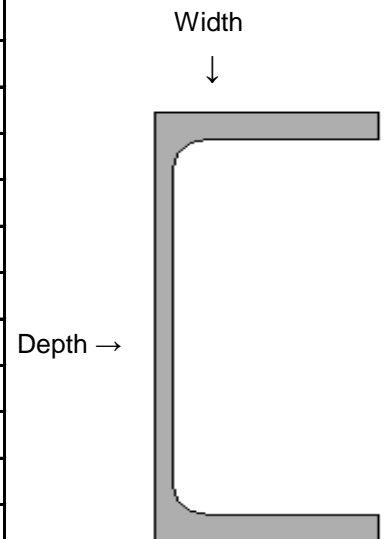
Size mm	Length	Alloy Temper	Mass kg/m
50.8 x 25.4	3650	6061 T651	3.572
60 x 6	5000	6063 T5/6261 T6	0.971
63.5 x 31.8	3650	6061 T651	5.458
63.5 x 44.45	3650	6261 T651	7.621
75 x 3	5000	6063 T5	0.604
76.2 x 6.4	5000	6063 T5	1.305
76.2 x 9.5	5000	6063 T5	1.957
76.2 x 12.0	5000	6063 T6	2.469
76.2 x 38.1	3658	6061 T651	7.854
76.2 x 50.8	3650	6061 T651	10.357
76.2 x 63.5	3660	6061 T651	13.087
80 x 3	5000	6060 T5	0.651
100 x 1.6	5000	6060 T5	0.434
100 x 3	5000	6063 T5	0.81
100 x 6	5000	6063 T5, T591	1.619
100 x 10	5000	6261 T6	2.7
100 x 12	5000	6261 T6	3.235
100 x 40	3000	6061 T651	10.84
101.6 x 9.52	5000	6063 T5	2.61
101.6 x 19.1	5000	6063 T6	5.224
101.6 x 50.8	3660	6061 T651	13.998
101.6 x 76.2	3650	6061 T651	20.715
114.3 x 101.6	3658	6061 T651	32.239
127 x 12	5000	6261 T6	4.113
127 x 76.2	3650	6061 T651	26.712
127 x 101.6	3658	6061 T651	35.533
150 x 6	5000	6060 T5	2.429
150 x 10	5000	6261 T5	4.05
152.4 x 76.2	3658	6061 T651	32.151

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CHANNEL

Depth mm	Width mm	Thickness		Length mm	Alloy Temper	Mass kg/m
		Depth	Width			
9.5	9.5	2.4	1.5	5000	6063 T5	0.116
12.7	12.7	2.4	2.4	5000	6063 T5	0.216
14.7	18	3.2	1.6	3000	6060 T5	0.205
16	16	1.6	1.6	5000	6063 T5	0.191
17.5	31.8	2.4	2.4	5000	6063 T5	0.488
20	20	2.5	2.5	5000	6060 T5	0.371
22	12	1.5	1.5	5000	6063 T5	0.173
22	22	3	3	5000	6063 T5	0.483
25	25	1.6	1.6	5000	6063 T5	0.311
25	25	3	3	5000	6063 T5	0.561
25.4	50.8	2.3	2.3	5000	6063 T5	0.761
30	25	3	3	5000	6063 T5	0.640
38	38	1.6	1.6	6000	6060 T5	0.478
38.1	38.1	3.2	3.2	5000	6063 T5	0.933
40	20	3	3	5000	6063 T5	0.599
40	25	3	3	5000	6063 T5	0.677
44.5	38.1	5	5	5000	6261 T5	1.490
50	25	3	3	5000	6063 T5	0.761
63.5	25.4	3.2	3.18	5000	6063 T5	0.885
75	40	4.5	4.5	5000	6063 T5	1.837
75	40	6	8	5000	6261 T6	2.749
75	40	6	6	5000	6261 T5	2.327
76.2	38.1	6.4	7.9	5000	6061 T5	2.664
80	40	3	3	5000	6060 T5	1.253
90	30	3	3	5000	6063 T5	1.177
100	25	3	3	5000	6063 T5	1.160
100	50	3	3	5000	6063 T5	1.571
100	50	6	6	5000	6063 T5	3.044
100	50	6	6	5000	6261 T5	3.044
150	75	6	9	5000	6261 T5	5.948



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ROUND ROD

Dia. mm	Length mm	Alloy Temper	Mass kg/m
4.8	5000	6063 T5	0.048
6.3	5000	6063 T5	0.084
9.5	5000	6261 T6	0.191
11.1	5000	6060 T5	0.263
12.7	5000	6261 T6	0.339
16	5000	6261 T6	0.542
20	5000	6061 T6	0.833
25	5000	6061 T6	1.32
31.75	5000	6061 T6	2.144
38.1	5000	6061 T6	3.06
44.4	5000	6261 T5	4.198
50.8	3658	6061 T651	5.6

Dia. mm	Length mm	Alloy Temper	Mass kg/m
63.5	3658	6061 T651	8.58
69.9	3650	6061 T651	10.387
76.2	3650	6061 T651	12.273
88.9	3650	6061 T651	16.793
101.6	3658	6061 T651	21.992
114.3	3658	6061 T651	28.409
127	3660	6061 T651	34.338
152.4	3650	6061 T651	49.451
165.1	3650	6061 T651	55.339
215.9	3650	6061 T651	98.964
254	3658	6061 T651	137.4

SQUARE BAR

Dia. mm	Length mm	Alloy Temper	Mass kg/m
12.7	5000	6061 T6	0.435
19.1	5000	6061 T6	0.977
25.4	5000	6061 T6	1.76
31.8	5000	6061 T6	2.721
38.1	5000	6061 T6	3.96
50.8	3658	6061 T651	7.14

Dia. mm	Length mm	Alloy Temper	Mass kg/m
63.5	3658	6061 T651	11.16
76.2	3650	6061 T651	15.536
101.6	3650	6061 T651	27.939
127	3650	6061 T651	43.346
152.4	3658	6061 T651	62.704

HALF ROUNDS

Width mm	Thick. mm	Length mm	Alloy Temper	Mass kg/m
12.7	4.37	5000	6060 T5	0.114
25	4.8	5000	6063 T5	0.198

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ROUND TUBE

OD mm	Wall mm	ID mm	Length mm	Alloy Temper	Mass kg/m
6.4	1.4	3.5	5000	6063 T5	0.059
9.5	1.4	6.7	5000	6063 T5	0.098
12.7	1.4	9.9	5000	6063 T5	0.134
15.9	2.6	11	5000	6063 T5	0.296
16	1.4	13	5000	6063 T5	0.173
19	1.2	17	5800	6063 T6	0.180
19.1	1.4	16	5000	6063 T5	0.212
20	1.2	18	5000	6063 T5	0.955
21	3.4	14	5000	6261 T5	0.499
22.2	1.4	19	5000	6063 T5	0.251
25	3	19	5000	6063 T5	0.560
25.4	1.4	23	5000	6063 T5	0.285
28.6	1.4	26	5000	6063 T5	0.327
31	5	21	5000	6261 T5	1.100
31.8	1.4	29	5000	6063 T5	0.359
32	3	26	5000	6063 T5	0.737
38	3	32	5000	6063 T5	0.891
38.1	1.4	35	5000	6063 T5	0.440
40	1.6	37	5000	6060 T5	0.521
40	3	34	5000	6063 T5	0.942
44.5	3	39	5000	6063 T5	1.056

OD mm	Wall mm	ID mm	Length mm	Alloy Temper	Mass kg/m
40	2.2	36	5000	6060 T5	0.648
48.4	4.5	40	5000	6063 T5	1.666
48.4	4.5	40	5000	6061 T6	1.666
50	2	46	5000	6063 T5	0.812
50	3	44	5000	6063 T5	1.196
50.8	1.4	48	5000	6063 T5	0.586
50.8	3.2	44	5000	6063 T5	1.290
50.8	6	39	5000	6063 T5	2.270
57	3	50	5000	6060 T5	1.380
58	2	54	5000	6063 T5	0.950
60	3	64	5000	6060 T5	1.456
61.2	2	57	6000	6261 T5	1.000
63.5	3.2	57	5000	6063 T5	1.637
75	2	71	7500	6261 T6	1.240
75	3	69	5000	6063 T5	1.830
75	3	69	7500	6063 T5	1.830
76.2	1.2	74	7500	6063 T6	0.776
80	2	76	5000	6063 T5	1.323
100	3	94	5000	6063 T5	2.468
100	6	88	5000	6061 T5	4.802
125	3	119	5000	6063 T6	3.110

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SQUARE TUBE

OD mm		Wall mm	Length mm	Alloy Temper	Mass kg/m
19	19	1.5	5000	6063 T5	0.265
20	20	3	5000	6063 T5	0.551
21	21	1.6	5000	6063 T5	0.326
25	25	1.6	5000	6063 T5	0.396
25	25	1.8	5000	6063 T5	0.432
25	25	3	5000	6063 T5	0.712
25	25	5	5000	6261 T5	1.070
25	25	5	7600	6261 T5	1.070
29	29	1.6	5000	6063 T5	0.465
30	30	2.5	5000	6261 T6	0.742
33	33	1.6	5000	6063 T5	0.534
38	38	2	5500	6261 T6	0.780

OD mm		Wall mm	Length mm	Alloy Temper	Mass kg/m
40	40	2	5000	6063 T5	0.797
40	40	3	5000	6063 T5	1.199
40	40	5	5000	6063 T5	1.877
50	50	1.6	5000	6063 T5	0.836
50	50	3	5000	6063 T5	1.503
50	50	5	6000	6261 T6	2.421
57	57	3	5000	6063 T5	1.680
60	60	1.8	5000	6060 T5	1.130
75	75	3	5000	6063 T5	2.410
75	75	4.5	5000	6063 T5	3.420
100	100	6	5000	6261 T5	5.866
100	100	3	5000	6063 T5	3.140

RECTANGLE TUBE

OD mm		Wall mm	Length mm	Alloy Temper	Mass kg/m
20	15	1.5	5000	6063 T5	0.262
38.1	19	3.2	5000	6063 T5	0.870
40	20	2	5000	6060 T5	0.600
40	20	3	5000	6261 T5	0.880
42.6	16	1.4	5000	6063 T5	0.418
50	25	2	5000	6063 T5	0.767
50	25	3	5000	6063 T5	1.090
50	40	3	5000	6063 T5	1.360
60	40	3	5000	6060 T5	1.520
65	50	3	5000	6063 T5	1.770
75	25	1.6	5000	6060 T5	0.841

OD mm		Wall mm	Length mm	Alloy Temper	Mass kg/m
75	25	2.2	5000	6063 T5	1.130
75	40	5	5000	6261 T5	2.754
75	40	5	7500	6261 T5	2.754
80	40	3	5000	6060 T5	1.854
100	25	2.2	5000	6063 T5	1.428
100	50	3	5000	6063 T5	2.350
100	50	4	5000	6261 T5	3.012
100	50	6	5000	6261 T5	4.471
150	50	3	5000	6060 T5	3.154
150	50	6	5000	6261 T5	5.980
200	50	3	5000	6060 T5	3.970

Bold type indicates product stocked in New Plymouth
Please see sales staff for availability on other sizes

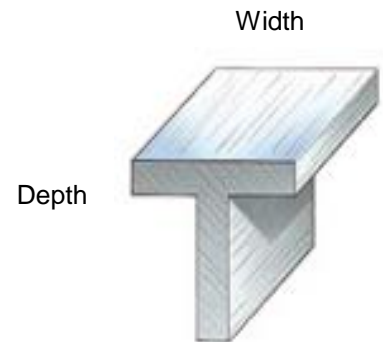
NEW PLYMOUTH STEEL SUPPLIES LTD

Other Products Available Ex Distributer

Please see sales staff for availability

TEE

Depth mm	Width mm	Thick. mm	Length mm	Alloy Temper	Mass kg/m
25	25	3	5000	6063 T5	0.379
38	38	4.5	5000	6063 T5	0.888
50	40	6	5000	6261 T5	1.39
50	50	6	5000	6261 T5	1.53



I - Beam

Depth mm	Width mm	Thick. mm	Length mm	Alloy Temper	Mass kg/m
40	40	5	7500	6261 T5	1.471



* **Transport Sections**

* **Insect & Security Screens**

* **Architectural Profiles**

* **Misc Profiles**

Also extruded products are available for Mill runs in standard production quantities. Please ask sales staff for a catalogue on Mill run profiles.