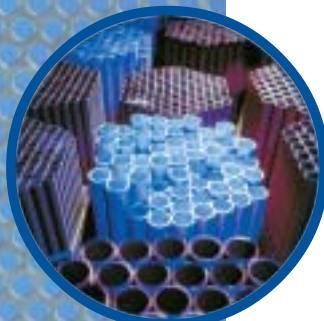
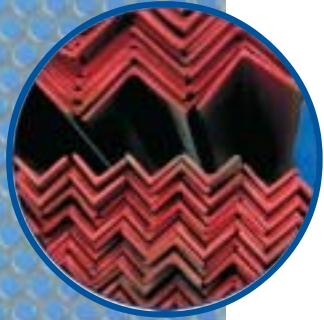




STEEL & TUBE
DISTRIBUTION

Product Catalogue





Steel & Tube Distribution Profile

Steel & Tube Distribution (a division of Steel & Tube Holdings Limited) offers an extensive distribution network with 19 Distribution and Processing branches located nationwide and has New Zealand's most comprehensive range of steel and allied products available.

This stock range of over 23,000 line items include:

- Steel Sections: Merchant bar, sheet, structural, plate and hollow
- Coil and Plate Processing
- Special Steels
- Reticulation Products: Pipe, fittings and valves
- Pipe Support Systems: Pipe clamps and hangers
- Fastenings
- Steel Processing/Roofing Profiles
- Industrial Products.

Steel & Tube Distribution can provide a total building package from the foundations to the roof and a complete business solution, whatever your product requirements.

Our products and services meet internationally approved quality standards.

Steel & Tube Distribution is a Telarc registered supplier certified to ISO 9002.

We have proven expertise and skills through supplying product to New Zealand's leading business's in the construction, manufacturing and engineering industries. Our Company is able to assist your business with innovative product solutions utilising the relationships that we have with the world's leading steel manufacturers.

Steel & Tube Distribution looks forward to being of service to your business. Please enquire at your local Steel & Tube branch as to how we can assist your business with your product requirements.

Introduction

Steel & Tube takes great pleasure in providing this product catalogue for your use. In it we have listed all the products and sizes we carry on an ex-stock basis from our network of branches located throughout New Zealand.

While we endeavour to carry all popular products and sizes ex-stock on a continuous basis, there are some which we offer on an indent basis only. In these instances we can offer a very competitive indent service through our well-established contacts with many of the world's leading mills.

Telarc Limited/ISO 9002



Steel & Tube Distribution (a division of Steel & Tube Holdings Limited) is committed to providing our customers with service in a consistent and reliable manner, which meets their needs, promotes excellence in systems and commitment to continuous improvement in quality.

To demonstrate this commitment Steel & Tube Holdings Limited is a Telarc registered supplier, certified to ISO 9002.

Telarc Limited is a national technical authority responsible for quality system certification through independent assessment, audit and testing of quality control procedures.

In practical terms, Telarc Limited's role is to formally recognise all aspects of:

- quality in processing, distribution and service
- compliance with product or system specifications or standards
- technical competence of testing or inspecting
- quality of service performance and delivery.

This is to be carried out in a manner sufficient to provide consumers with confidence in the quality of products and services.

Steel & Tube Web Site

On 1 November 2000, Steel & Tube Holdings Limited will be launching its corporate web site. The site will incorporate the Company's annual report and a vast range of technical literature from its Divisions.

The Product Catalogue will be available on-line, so come and visit at www.steelandtube.co.nz

Disclaimer: In compiling this publication we have been obliged to extract information from a wide range of sources, both local and overseas, and whilst every precaution has been taken to ensure its accuracy we do not accept any responsibility for errors or omissions which may be contained in this product list.

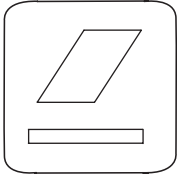
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Steel Flats

Specification:

AS 3679/300 plus
JIS G3101 SS400

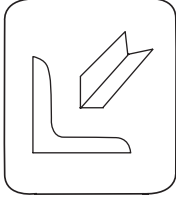


Size (mm)	LN (m)	Kg/m	Product Code	Size (mm)	LN (m)	Kg/m	Product Code
13 × 3	4	0.31	1334F	80 × 6	6	3.77	806F
16 × 3	4	0.37	1634F	80 × 10	6	6.28	8010F
16 × 6	4	0.75	1664F	80 × 12	6	7.53	8012F
20 × 3	4	0.47	2034F	100 × 5	6	3.93	1005F
20 × 3	6	0.47	203F	100 × 6	6	4.71	1006F
20 × 5	6	0.79	205F	100 × 8	6	6.28	1008F
20 × 6	6	0.95	206F	100 × 10	6	7.85	10010F
20 × 10	6	1.57	2010F	100 × 12	6	9.42	10012F
25 × 3	6	0.59	253F	100 × 16	6	12.56	10016F
25 × 5	6	0.98	255F	100 × 20	6	15.70	10020F
25 × 6	6	1.18	256F	100 × 25	6	19.63	10025F
25 × 8	6	1.57	258F	125 × 25	6	24.54	12525F
25 × 10	6	1.96	2510F	130 × 6	6	6.13	1306F
30 × 5	6	1.18	305F	130 × 10	6	10.21	13010F
30 × 10	6	2.35	3010F	130 × 12	6	12.24	13012F
32 × 3	6	0.75	323F	130 × 16	6	16.33	13016F
40 × 3	6	0.95	403F	130 × 20	6	20.41	13020F
40 × 5	6	1.57	405F	130 × 25	6	25.51	13025F
40 × 6	6	1.88	406F	150 × 5	6	5.88	1505F
40 × 8	6	2.51	408F	150 × 6	6	7.07	1506F
40 × 10	6	3.14	4010F	150 × 8	6	9.43	1508F
40 × 12	6	3.77	4012F	150 × 10	6	11.78	15010F
40 × 16	6	5.03	4016F	150 × 12	6	14.13	15012F
50 × 3	6	1.18	503F	150 × 16	6	18.83	15016F
50 × 5	6	1.96	505F	150 × 20	6	23.55	15020F
50 × 6	6	2.36	506F	150 × 25	6	29.43	15025F
50 × 8	6	3.14	508F	180 × 6	6	8.48	1806F
50 × 10	6	3.93	5010F	180 × 10	6	14.13	18010F
50 × 12	6	4.72	5012F	180 × 12	6	16.96	18012F
50 × 16	6	6.32	5016F	200 × 6	6	9.43	2006F
50 × 20	6	7.85	5020F	200 × 10	6	15.70	20010F
50 × 25	6	9.82	5025F	200 × 12	6	18.84	20012F
60 × 6	6	2.83	606F	200 × 16	6	25.12	20016F
60 × 10	6	4.72	6010F	200 × 20	6	31.41	20020F
60 × 12	6	5.66	6012F	200 × 25	6	39.25	20025F
65 × 5	6	2.56	655F	250 × 6	6	11.78	2506F
65 × 16	6	8.16	6516F	250 × 10	6	19.63	25010F
65 × 20	6	10.21	6520F	250 × 12	6	23.55	25012F
65 × 25	6	12.76	6525F	300 × 6	6	14.13	3006F
75 × 5	6	2.95	755F	300 × 10	6	23.56	30010F
75 × 8	6	4.71	758F	300 × 12	6	28.26	30012F
75 × 10	6	5.88	7510F	300 × 20	6	47.10	30020F
75 × 16	6	9.43	7516F				
75 × 20	6	11.78	7520F				
75 × 25	6	14.72	7525F				

Steel Angles

Specification:

AS 3679/300 plus
JIS G3101 SS400



Equal Angles

Size (mm)	LN (m)	Kg/m	Product Code
13 × 13 × 3	4	0.56	1334A
20 × 20 × 3	6	0.89	203A
25 × 25 × 3	6	1.11	253A
25 × 25 × 5	6	1.77	255A
30 × 30 × 3	6	1.36	303A
30 × 30 × 5	6	2.18	305A
40 × 40 × 3	6	1.83	403A
40 × 40 × 5	6	2.97	405A
50 × 50 × 3	6	2.31	503A
50 × 50 × 5	6	3.77	505A
50 × 50 × 6	6	4.47	506A
50 × 50 × 6	9	4.47	5069A
50 × 50 × 8	6	5.82	508A
60 × 60 × 6	6	5.42	606A
60 × 60 × 6	9	5.42	6069A
60 × 60 × 8	6	7.09	608A
60 × 60 × 10	6	8.71	6010A
60 × 60 × 10	9	8.71	60109A
80 × 80 × 6	6	7.34	806A
80 × 80 × 6	9	7.34	8069A
80 × 80 × 8	6	9.65	808A
80 × 80 × 8	9	9.65	8089A
80 × 80 × 10	6	11.90	8010A
80 × 80 × 10	9	11.90	80109A
100 × 100 × 6	6	9.18	1006A
100 × 100 × 6	9	9.18	10069A
100 × 100 × 8	6	11.80	1008A
100 × 100 × 8	9	11.80	10089A
100 × 100 × 10	6	14.20	10010A
100 × 100 × 10	9	14.20	100109A
100 × 100 × 12	6	17.70	10012A
100 × 100 × 12	9	17.70	100129A
125 × 125 × 10	6	18.00	12510A
125 × 125 × 10	9	18.00	125109A
125 × 125 × 12	9	22.50	125129A
150 × 150 × 10	6	21.90	15010A
150 × 150 × 10	9	21.90	150109A
150 × 150 × 12	6	27.30	15012A
150 × 150 × 12	9	27.30	150129A

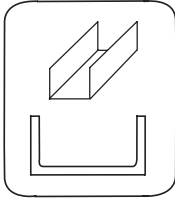
Unequal Angles

Size (mm)	LN (m)	Kg/m	Product Code
65 × 50 × 6	6	5.16	65506A
75 × 50 × 6	6	5.63	75506A
100 × 75 × 6	6	7.98	100756A
100 × 75 × 6	9	7.98	1007569A
100 × 75 × 8	6	10.30	100758A
100 × 75 × 8	9	10.30	1007589A
100 × 75 × 10	6	12.40	1007510A
100 × 75 × 10	9	12.40	10075109A
125 × 75 × 6	6	9.16	125756A
125 × 75 × 6	9	9.16	1257569A
125 × 75 × 8	9	11.80	1257589A
125 × 75 × 10	6	14.20	1257510A
125 × 75 × 10	9	14.20	12575109A
150 × 90 × 10	9	17.30	15090109A
150 × 100 × 10	6	18.00	15010010A
150 × 100 × 10	9	18.00	150100109A
150 × 100 × 12	6	22.50	15010012A
150 × 100 × 12	9	22.50	150100129A

Steel Channels

Specification:

AS 3679/300 plus
JIS G3101 SS400



Parallel Flanged Channels

Size (mm)	LN (m)	Kg/m	Product Code
75 × 40	6	5.92	7540C
75 × 40	8	5.92	75408C
75 × 40	9	5.92	75409C
100 × 50	6	8.33	10050C
100 × 50	8	8.33	100508C
100 × 50	9	8.33	100509C
125 × 65	6	11.90	12565C
125 × 65	9	11.90	125659C
125 × 65	12	11.90	1256512C
150 × 75	6	17.70	15075C
150 × 75	9	17.70	150759C
150 × 75	10.5	17.70	15075105C
150 × 75	12	17.70	1507512C
150 × 75	15	17.70	1507515C
180 × 75	6	20.90	18075C
180 × 75	9	20.90	180759C
180 × 75	10.5	20.90	18075105C
180 × 75	12	20.90	1807512C
180 × 75	15	20.90	1807515C
200 × 75	6	22.90	20075C
200 × 75	9	22.90	200759C
200 × 75	10.5	22.90	20075105C
200 × 75	12	22.90	2007512C
200 × 75	15	22.90	2007515C
230 × 75	6	25.10	23075C
230 × 75	9	25.10	230759C
230 × 75	10.5	25.10	23075105C
230 × 75	12	25.10	2307512C
230 × 75	15	25.10	2307515C
250 × 90	9	35.50	250909C
250 × 90	10.5	35.50	25090105C
250 × 90	12	35.50	2509012C
250 × 90	15	35.50	2509015C
250 × 90	16.5	35.50	25090165C
300 × 90	9	40.10	300909C
300 × 90	10.5	40.10	30090105C
300 × 90	12	40.10	3009012C
300 × 90	15	40.10	3009015C
380 × 100	9	55.20	3801009C
380 × 100	12	55.20	38010012C
380 × 100	15	55.20	38010015C

Cold Formed Channels

Plain



Size (mm)	LN (m)	Kg/m	Product Code
51 × 25	6	2.31	5125CFC
76 × 38	6	3.61	7638CFC
102 × 51	6	4.90	10251CFC

Lipped



Size (mm)	LN (m)	Kg/m	Product Code
51 × 25	6	2.53	5125LC
76 × 38	6	3.77	7638LC
102 × 51	6	5.28	10251LC

Tapered Flanged Channels

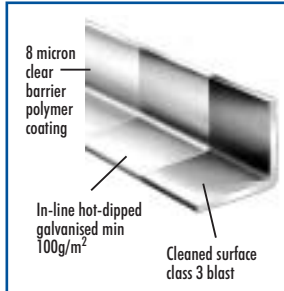


Size (mm)	LN (m)	Kg/m	Product Code
75 × 40 TFC	6	6.92	7540TFC
75 × 40 TFC	8	6.92	75408TFC
75 × 40 TFC	9	6.92	75409TFC
75 × 40 TFC	12	6.92	754012TFC
100 × 50 TFC	6	9.35	10050TFC
100 × 50 TFC	8	9.35	100508TFC
100 × 50 TFC	9	9.35	100509TFC

DURAGAL® Profiles

Specification:

TS 100
AS 1627.4 Class 3
AS/NZS 4791



- High strength.
- Pre-prepared, ready to use.
- Easy to weld.
- Easy to paint.
- Ready to powder coat.
- Reduce material costs.
- Eliminate outsourcing hassles.
- Save time, reduce costs, save money.

Note: * Items are not common stock sizes, but are available on enquiry. A minimum order quantity may apply on some sizes.

Flats

Size (mm)	LN (m)	Kg/m	Product Code
50 × 4	6	1.49	504DGF
50 × 5	6	1.84	505DGF
50 × 8	6	3.14	508DGF
65 × 4	6	1.94	654DGF
65 × 5	6	2.40	655DGF
75 × 4	6	2.24	754DGF
75 × 5	6	2.77	755DGF
75 × 8	6	4.71	758DGF
90 × 6	6	4.24	906DGF
100 × 4	6	2.98	1004DGF
100 × 5	6	3.69	1005DGF
100 × 6	6	4.71	1006DGF
100 × 8	6	6.28	1008DGF
130 × 5	6	4.80	1305DGF
150 × 5	6	5.53	1505DGF
150 × 6	6	7.07	1506DGF
150 × 8	6	9.42	1508DGF
200 × 5	6	7.38	2005DGF
200 × 6	6	9.42	2006DGF
200 × 8	6	12.6	2008DGF
250 × 5	6	9.22	2505DGF
250 × 8	6	15.7	2508DGF
300 × 5	6	11.1	3005DGF
300 × 8	6	18.8	3008DGF

Angles

Size (mm)	LN (m)	Kg/m	Product Code
30 × 30 × 2.5	6	1.06	3025DGA
40 × 40 × 2.5	6	1.43	4025DGA
40 × 40 × 4	6	2.20	404DGA
45 × 45 × 2.5	6	1.62	4525DGA
45 × 45 × 4	6	2.50	454DGA
50 × 50 × 2.5	6	1.81	5025DGA
50 × 50 × 4	6	2.79	504DGA
50 × 50 × 5	6	3.42	505DGA
50 × 50 × 6	6	4.21	506DGA
65 × 65 × 4	9	3.69	6549DGA
65 × 65 × 5	9	4.52	6559DGA
65 × 65 × 6	9	5.62	6569DGA
75 × 75 × 4	9	4.29	7549DGA
75 × 75 × 5	9	5.26	7559DGA
75 × 75 × 6	9	6.56	7569DGA
75 × 75 × 7	9	7.59	7579DGA
75 × 75 × 8	9	8.59	7589DGA
90 × 90 × 5	9	6.37	9059DGA
90 × 90 × 8	9	10.5	9089DGA
100 × 100 × 6	12	8.92	100612DGA
100 × 100 × 7	12	10.3	100712DGA *
100 × 100 × 8	12	11.7	100812DGA
125 × 125 × 4	12	7.27	125412DGA *
125 × 125 × 5	12	8.95	125512DGA
125 × 125 × 7	12	13.1	125712DGA
125 × 125 × 8	12	14.9	125812DGA
150 × 150 × 5	12	10.8	150512DGA
150 × 150 × 8	12	18.0	150812DGA

Channels

Size (mm)	LN (m)	Kg/m	Product Code
75 × 40 × 4	9	4.25	75409DGC
100 × 50 × 4	9	5.59	100509DGC
125 × 65 × 4	9	7.23	125659DGC
150 × 75 × 5	12	10.5	1507512DGC •
180 × 75 × 5	12	11.6	1807512DGC •
200 × 75 × 5	12	12.4	20075512DGC •
200 × 75 × 6	12	15.5	2007512DGC
230 × 75 × 6	12	16.9	2307512DGC
250 × 90 × 6	12	19.2	2509012DGC
300 × 90 × 6	12	21.6	3009012DGC
300 × 90 × 7	12	25.1	30090712DGC
300 × 90 × 8	12	28.5	30090812DGC

- Also available in 6m lengths on enquiry.

Unequal Angles

Size (mm)	LN (m)	Kg/m	Product Code
75 × 50 × 4	9	3.54	755049DGA *
75 × 50 × 5	9	4.34	755059DGA *
100 × 75 × 6	12	7.74	10075612DGA *
100 × 75 × 8	12	10.2	10075812DGA *
125 × 75 × 6	12	8.92	12575612DGA *
125 × 75 × 8	12	11.7	12575812DGA *
150 × 100 × 6	12	11.3	150100612DGA *
150 × 100 × 8	12	14.9	150100812DGA *



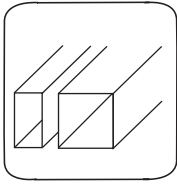
Steel

Hollow Sections

Specification:

AS 1163 – C350/450L0

Dualgrade



Product available as mill finished or painted.

RHS — Rectangular

Size (mm)	LN (m)	Kg/m	Product Code
50 × 25 × 2.0	8	2.17	50252R
50 × 25 × 2.5	8	2.62	502525R
50 × 25 × 3.0	8	3.07	50253R
65 × 35 × 2.5	8	3.60	653525R
65 × 35 × 3.0	8	4.25	65353R
65 × 35 × 4.0	8	5.35	65354R
75 × 40 × 2.5	8	4.16	754025R
75 × 40 × 3.0	8	4.91	75403R
75 × 40 × 4.0	8	6.24	75404R
75 × 50 × 3.0	8	5.42	75503R
75 × 50 × 4.0	8	6.92	75504R
75 × 50 × 5.0	8	8.35	75505R
75 × 50 × 6.0	8	10.38	75506R
100 × 50 × 3.0	8	6.60	100513R
100 × 50 × 4.0	8	8.49	100504R
100 × 50 × 5.0	8	10.32	100505R
100 × 50 × 6.0	8	12.03	100506R
102 × 76 × 3.5	8	9.09	1027635R
102 × 76 × 5.0	8	12.50	102765R
102 × 76 × 6.0	8	14.60	102766R
125 × 75 × 3.0	8	8.96	125753R
125 × 75 × 4.0	8	11.60	125754R
125 × 75 × 5.0	8	14.20	125755R
125 × 75 × 6.0	8	16.74	125756R
127 × 51 × 3.5	8	9.06	1275135R
127 × 51 × 5.0	8	12.50	127515R
127 × 51 × 6.0	8	14.60	127516R
150 × 50 × 4.0	8	11.60	150504R
152 × 76 × 5.0	8	16.50	152765R
152 × 76 × 6.0	8	19.40	152766R
150 × 100 × 4.0	8	14.80	1501004R
150 × 100 × 5.0	8	18.20	1501005R
150 × 100 × 6.0	8	21.40	1501006R
150 × 100 × 9.0	8	30.60	1501009R
200 × 100 × 4.0	8	17.90	2001004R
200 × 100 × 5.0	8	22.10	2001005R
200 × 100 × 5.0	12	22.10	200100512R
200 × 100 × 6.0	8	26.20	2001006R
200 × 100 × 9.0	8	37.70	2001009R
250 × 150 × 5.0	8	29.90	2501505R
250 × 150 × 6.0	8	35.60	2501506R
250 × 150 × 9.0	8	51.80	2501509R

SHS — Square

Size (mm)	LN (m)	Kg/m	Product Code
25 × 25 × 1.6	8	1.19	2516R
25 × 25 × 2.0	8	1.36	252R
25 × 25 × 2.5	8	1.64	2525R
25 × 25 × 3.0	8	1.89	253R
35 × 35 × 2.5	8	2.42	3525R
35 × 35 × 3.0	8	2.83	353R
35 × 35 × 4.0	8	3.46	354R
40 × 40 × 2.0	8	2.31	402R
40 × 40 × 2.5	8	2.82	4025R
40 × 40 × 3.0	8	3.30	403R
40 × 40 × 4.0	8	4.09	404R
50 × 50 × 1.6	8	2.38	5016R
50 × 50 × 2.5	8	3.60	5025R
50 × 50 × 3.0	8	4.25	503R
50 × 50 × 4.0	8	5.35	504R
50 × 50 × 5.0	8	6.39	505R
50 × 50 × 6.0	8	7.56	506R
64 × 64 × 6.0	8	9.96	6463R
65 × 65 × 2.5	8	4.78	6525R
65 × 65 × 3.0	8	5.66	653R
65 × 65 × 4.0	8	7.23	654R
65 × 65 × 5.0	8	8.75	655R
65 × 65 × 6.0	8	10.10	656R
75 × 75 × 2.5	8	5.56	7525R
75 × 75 × 3.0	8	6.60	753R
75 × 75 × 4.0	8	8.49	754R
75 × 75 × 5.0	8	10.30	755R
75 × 75 × 6.0	8	12.00	756R
89 × 89 × 3.5	8	9.07	8935R
89 × 89 × 5.0	8	12.50	895R
89 × 89 × 6.0	8	14.70	896R
100 × 100 × 3.0	8	8.96	1003R
100 × 100 × 4.0	8	11.60	1004R
100 × 100 × 5.0	8	14.20	1005R
100 × 100 × 6.0	8	16.70	1006R
100 × 100 × 6.0	12	16.70	100612R
100 × 100 × 9.0	8	23.50	1009R
125 × 125 × 4.0	8	14.80	1254R
125 × 125 × 5.0	8	18.20	1255R
125 × 125 × 6.0	8	21.40	1256R
127 × 125 × 9.0	8	30.60	1259R
150 × 150 × 5.0	8	22.10	1505R
150 × 150 × 5.0	12	22.10	150512R
150 × 150 × 6.0	8	26.20	1506R
150 × 150 × 6.0	12	26.20	150612R
150 × 150 × 9.0	8	37.70	1509R
200 × 200 × 5.0	8	32.00	2005R
200 × 200 × 5.0	12	32.00	200512R
200 × 200 × 6.0	8	35.60	2006R
200 × 200 × 6.0	12	35.60	200612R
200 × 200 × 9.0	8	51.80	2009R
200 × 200 × 9.0	12	51.80	200912R
250 × 250 × 6.0	8	45.00	2506R
250 × 250 × 9.0	8	65.90	2509R

Hollow Sections – DURA[®]GAL – Galtube[®] Plus

Specification:

AS 1163 – C350/450L0

Note: * Items are not common stock sizes, but are available on enquiry.

DURA[®]GAL RHS — Rectangular

DURA[®]GAL SHS — Square

- High strength.
- Fully galvanised no weldline repair.
- Pre-prepared, ready to use.
- Easy to weld.
- Easy to paint.
- Ready to powder coat.
- Reduce material costs.
- Eliminate outsourcing hassles.
- Save time, reduce costs, save money.

Other hollow section profiles available:

DURA[®] Rail

DURA[®] Silo Section

Please enquire at your local Steel & Tube branch.

Size (mm)	LN (m)	Kg/m	Product Code
50 × 20 × 1.6	8	1.63	502016DGR
50 × 20 × 2.0	8	1.99	50202DGR
50 × 20 × 2.5	8	2.42	502025DGR
50 × 20 × 3.0	8	2.83	50203DGR
50 × 25 × 1.6	8	1.75	502516DGR
50 × 25 × 2.0	8	2.15	50252DGR *
50 × 25 × 2.5	8	2.62	502525DGR
50 × 25 × 3.0	8	3.07	50253DGR
65 × 35 × 2.0	8	2.93	65352DGR
65 × 35 × 2.5	8	3.60	653525DGR
65 × 35 × 3.0	8	4.25	65353DGR
65 × 35 × 4.0	8	5.35	65354DGR
75 × 25 × 1.6	8	2.38	752516DGR *
75 × 25 × 2.0	8	2.93	75252DGR
75 × 25 × 2.5	8	3.60	752525DGR
75 × 50 × 1.6	8	3.01	755016DGR *
75 × 50 × 2.0	8	3.72	75502DGR
75 × 50 × 2.5	8	4.58	755025DGR *
75 × 50 × 3.0	8	5.42	75503DGR
75 × 50 × 4.0	8	6.92	75504DGR *
75 × 50 × 5.0	8	8.35	75505DGR
75 × 50 × 6.0	8	9.67	75506DGR *
100 × 50 × 2.0	8	4.50	100502DGR *
100 × 50 × 2.5	8	5.56	1005025DGR
100 × 50 × 3.0	8	6.60	100503DGR
100 × 50 × 4.0	8	8.49	100504DGR
100 × 50 × 5.0	8	10.3	100505DGR
100 × 50 × 6.0	8	12.0	100506DGR
125 × 75 × 2.0	8	6.07	125752DGR *
125 × 75 × 2.5	8	7.53	1257525DGR
125 × 75 × 3.0	8	8.96	125753DGR
125 × 75 × 4.0	8	11.6	125754DGR
125 × 75 × 5.0	8	14.2	125755D6R
125 × 75 × 6.0	8	16.7	125756D6R
150 × 50 × 2.0	8	6.07	150502DGR *
150 × 50 × 2.5	8	7.53	1505025DGR
150 × 50 × 3.0	8	8.96	150503DGR
150 × 50 × 4.0	8	11.6	150504DGR
150 × 50 × 5.0	8	14.2	150505DGR
150 × 50 × 6.0	8	16.7	150506DGR *

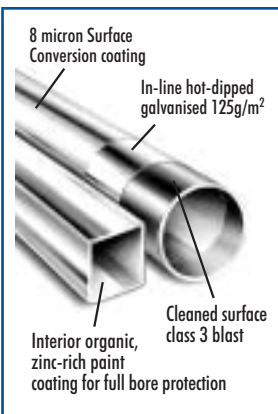
Size (mm)	LN (m)	Kg/m	Product Code
20 × 20 × 1.6	6.5	0.873	2016DGR
25 × 25 × 1.6	6.5	1.12	2516DGR
25 × 25 × 2.0	6.5	1.36	252DGR
25 × 25 × 2.5	6.5	1.64	2525DGR
30 × 30 × 1.6	8	1.38	3016DGR
30 × 30 × 2.0	8	1.68	302DGR *
35 × 35 × 1.6	8	1.63	3516DGR
35 × 35 × 2.0	8	1.99	352DGR
35 × 35 × 2.5	8	2.42	3525DGR
35 × 35 × 3.0	8	2.83	353DGR *
40 × 40 × 1.6	8	1.88	4016DGR
40 × 40 × 2.0	8	2.31	402DGR
40 × 40 × 2.5	8	2.82	4025DGR
40 × 40 × 3.0	8	3.30	403DGR
40 × 40 × 4.0	8	4.09	404DGR
50 × 50 × 1.6	8	2.38	5016DGR
50 × 50 × 2.0	8	2.93	502DGR
50 × 50 × 2.5	8	3.60	5025DGR
50 × 50 × 3.0	8	4.25	503DGR
50 × 50 × 4.0	8	5.35	504DGR
50 × 50 × 5.0	8	6.39	505DGR
65 × 65 × 1.6	8	3.13	6516DGR *
65 × 65 × 2.0	8	3.88	652DGR *
65 × 65 × 2.5	8	4.78	6525DGR *
65 × 65 × 3.0	8	5.66	653DGR
65 × 65 × 4.0	8	7.23	654DGR
65 × 65 × 5.0	8	8.75	655DGR
65 × 65 × 6.0	8	10.1	656DGR *
75 × 75 × 2.0	8	4.50	752DGR
75 × 75 × 2.5	8	5.56	7525DGR
75 × 75 × 3.0	8	6.60	753DGR
75 × 75 × 3.5	8	7.53	7535DGR *
75 × 75 × 4.0	8	8.49	754DGR
75 × 75 × 5.0	8	10.3	755DGR
75 × 75 × 6.0	8	12.0	756DGR *
90 × 90 × 2.0	8	5.45	902DGR *
90 × 90 × 2.5	8	6.74	9025DGR
90 × 90 × 3.0	8	8.01	903DGR
100 × 100 × 2.0	8	6.07	1002DGR *
100 × 100 × 2.5	8	7.53	10025DGR *
100 × 100 × 3.0	8	8.96	1003DGR
100 × 100 × 4.0	8	11.6	1004DGR
100 × 100 × 5.0	8	14.2	1005DGR *
100 × 100 × 6.0	8	16.7	1006DGR *

Galtube[®] Plus — Rectangular

Galtube[®] Plus — Square

Size (mm)	LN (m)	Kg/m	Product Code
50 × 20 × 1.6	6.5	1.63	502016GR
50 × 20 × 2.5	6.5	2.42	502025GR *
50 × 25 × 1.6	6.5	1.75	502516GR
50 × 25 × 2.5	6.5	2.62	502525GR
75 × 25 × 1.6	6.5	2.38	752516GR *
75 × 25 × 2.5	6.5	3.60	752525GR *

Size (mm)	LN (m)	Kg/m	Product Code
20 × 20 × 1.6	6.5	0.873	2016GR
25 × 25 × 1.6	6.5	1.12	2516GR
30 × 30 × 1.6	6.5	1.38	3016GR
35 × 35 × 1.6	6.5	1.63	3516GR
35 × 35 × 2.5	6.5	2.42	3525GR
40 × 40 × 1.6	6.5	1.88	4016GR
40 × 40 × 2.5	6.5	2.82	4025GR *
50 × 50 × 1.6	6.5	2.38	5016GR
50 × 50 × 2.5	6.5	3.60	5025GR *



Steel & Tube's galvanised cold formed steel **HST** purlins, lapped purlins, speed brace, channel and girts, with accessories, make up part of a total system suitable to support a wide range of cladding materials, including profiled metal sheeting, sandwich panels and fibre cement sheeting. The **HST** purlin sections can also be readily adapted to a wide range of other applications such as floor joists, ceiling support members and load bearing wall studs.

Performance

HST purlin and girt loads are presented in limit state format in full compliance with NZS 4203:1992 "Code of Practice for General Structural Design and Design Loadings for Buildings".

Load capacities have been determined in accordance with AISI "LRFD Cold-Formed Steel Design Manual", 1991 and confirmed by a comprehensive full scale testing programme.

Load tables are available in ultimate strength load format on request from your local Steel & Tube branch.

Durability

Provided **HST** purlins, girts and accessories are not exposed to moisture, service life can be expected to exceed 50 years, complying with the durability requirements of NZBC Approved Document B2.

For applications within 1 km of salt laden marine locations or severe industrial corrosive atmospheres, specialist advise should be sought.

Length

For ease of transportation and handling on site, the bundling length should be limited to 18 metres. Lengths exceeding 18 metres are subject to transport and handling facilities by arrangement.

Contact your local Steel & Tube branch or phone 0800 FOR HST (0800 367 478).

Materials/Finish

Purlin braces and accessories are formed from galvanised grade 250 steel.

HST purlins and girts are rolled from galvanised high strength steel strip:

Steel thickness	Grade	Zinc weight
1.15–1.45 mm	500 (MPa)	275gm/m ²
1.75–2.0 mm	450 (MPa)	275gm/m ²

Steel & Tube Purlin Processing

8-10 Bowden Road
PO Box 62 213
Mt Wellington
Auckland
Tel: 0-9-573 0559 or 0800 FOR HST (0800 367 478)
Fax: 0-9-573 0554

Or contact your local Steel & Tube branch.



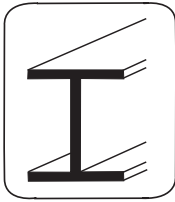
HST
HIGH STRENGTH

Universal Beams

Note: Other lengths are available from our suppliers, please enquire at your local Steel & Tube branch.

Specification:

AS3679/300 plus

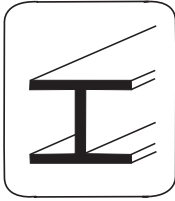


Size (mm)	LN (m)	Kg/m	Product Code	Size (mm)	LN (m)	Kg/m	Product Code
150 UB 14	9.0	14.0	150UB149	360 UB 45	9.0	44.7	360UB459
150 UB 14	12.0	14.0	150UB14	360 UB 45	10.5	44.7	360UB45105
150 UB 14	15.0	14.0	150UB1415	360 UB 45	12.0	44.7	360UB45
150 UB 18	9.0	18.0	150UB189	360 UB 45	13.5	44.7	360UB45135
150 UB 18	12.0	18.0	150UB18	360 UB 45	15.0	44.7	360UB4515
150 UB 18	15.0	18.0	150UB1815	360 UB 45	16.5	44.7	360UB45165
180 UB 16	9.0	16.1	180UB169	360 UB 45	18.0	44.7	360UB4518
180 UB 16	12.0	16.1	180UB16	360 UB 51	9.0	50.7	360UB519
180 UB 18	9.0	18.1	180UB189	360 UB 51	12.0	50.7	360UB51
180 UB 18	12.0	18.1	180UB18	360 UB 51	15.0	50.7	360UB5115
180 UB 22	9.0	22.2	180UB229	360 UB 51	18.0	50.7	360UB5118
180 UB 22	10.5	22.2	180UB22105	360 UB 57	12.0	56.7	360UB57
180 UB 22	12.0	22.2	180UB22	360 UB 57	15.0	56.7	360UB5715
180 UB 22	15.0	22.2	180UB2215	360 UB 57	18.0	56.7	360UB5718
200 UB 18	12.0	18.2	200UB18	410 UB 54	9.0	53.7	410UB549
200 UB 18	15.0	18.2	200UB1815	410 UB 54	10.5	53.7	410UB54105
200 UB 22	9.0	22.3	200UB229	410 UB 54	12.0	53.7	410UB54
200 UB 22	12.0	22.3	200UB22	410 UB 54	13.5	53.7	410UB54135
200 UB 22	15.0	22.3	200UB2215	410 UB 54	15.0	53.7	410UB5415
200 UB 22	18.0	22.3	200UB2218	410 UB 54	16.5	53.7	410UB54165
200 UB 25	9.0	25.4	200UB259	410 UB 54	18.0	53.7	410UB5418
200 UB 25	10.5	25.4	200UB25105	410 UB 60	12.0	59.7	410UB60
200 UB 25	12.0	25.4	200UB25	410 UB 60	15.0	59.7	410UB6015
200 UB 25	13.5	25.4	200UB25135	410 UB 60	18.0	59.7	410UB6018
200 UB 25	15.0	25.4	200UB2515	460 UB 67	9.0	67.1	460UB679
200 UB 25	16.5	25.4	200UB25165	460 UB 67	12.0	67.1	410UB67
200 UB 25	18.0	25.4	200UB2518	460 UB 67	15.0	67.1	410UB6715
200 UB 30	9.0	29.8	200UB309	460 UB 67	18.0	67.1	410UB6718
200 UB 30	12.0	29.8	200UB30	460 UB 74	12.0	74.6	460UB74
200 UB 30	15.0	29.8	200UB3015	460 UB 74	15.0	74.6	460UB7415
200 UB 30	18.0	29.8	200UB3018	460 UB 74	18.0	74.6	460UB7418
250 UB 31	9.0	31.4	250UB319	460 UB 82	12.0	82.1	460UB82
250 UB 31	10.5	31.4	250UB31105	460 UB 82	18.0	82.1	460UB8218
250 UB 31	12.0	31.4	250UB31	530 UB 82	12.0	82	530UB82
250 UB 31	13.5	31.4	250UB31135	530 UB 82	13.5	82	530UB82135
250 UB 31	15.0	31.4	250UB3115	530 UB 82	15.0	82	530UB8215
250 UB 31	16.5	31.4	250UB31165	530 UB 82	16.5	82	530UB82165
250 UB 31	18.0	31.4	250UB3118	530 UB 82	18.0	82	530UB8218
250 UB 37	9.0	37.3	250UB379	530 UB 92	12.0	92.4	530UB92
250 UB 37	10.5	37.3	250UB37105	530 UB 92	18.0	92.4	530UB9218
250 UB 37	12.0	37.3	250UB37	610 UB 101	12.0	101	610UB101
250 UB 37	13.5	37.3	250UB37135	610 UB 101	15.0	101	610UB10115
250 UB 37	15.0	37.3	250UB3715	610 UB 101	18.0	101	610UB10118
250 UB 37	16.5	37.3	250UB37165	610 UB 113	12.0	113	610UB113
250 UB 37	18.0	37.3	250UB3718	610 UB 113	18.0	113	610UB11318
310 UB 32	12.0	32.0	310UB32	610 UB 125	12.0	125	610UB125
310 UB 32	15.0	32.0	310UB3215	610 UB 125	18.0	125	610UB12518
310 UB 32	18.0	32.0	310UB3218				
310 UB 40	9.0	40.4	310UB409				
310 UB 40	10.5	40.4	310UB40105				
310 UB 40	12.0	40.4	310UB40				
310 UB 40	13.5	40.4	310UB40135				
310 UB 40	15.0	40.4	310UB4015				
310 UB 40	16.5	40.4	310UB40165				
310 UB 40	18.0	40.4	310UB4018				

Universal Columns, Joists

Specification:

AS 3679/300 plus



Universal Columns

Size (mm)	LN (m)	Kg/m	Product Code	Size (mm)	LN (m)	Kg/m	Product Code
100 UC 15	9	14.8	100UC15	200 UC 52	12	52.2	200UC52
100 UC 15	12	14.8	150UC1512	200 UC 52	18	52.2	200UC5218
150 UC 23	9	23.4	150C239	200 UC 60	12	59.5	200UC60
150 UC 23	12	23.4	150UC23	200 UC 60	18	59.5	200UC6018
150 UC 23	15	23.4	150UC2315	250 UC 73	12	72.9	250UC73
150 UC 30	9	30.0	150UC309	250 UC 89	9	89.5	250UC899
150 UC 30	12	30.0	150UC30	250 UC 89	12	89.5	250UC89
150 UC 30	15	30.0	150UC3015	310 UC 97	12	96.8	310UC97
150 UC 37	9	37.2	150UC379	310 UC 97	15	96.8	310UC9715
150 UC 37	12	37.2	150UC37	310 UC 97	18	96.8	310UC9718
150 UC 37	15	37.2	150UC3715	310 UC 118	12	118.0	310UC118
200 UC 46	9	46.2	200UC469	310 UC 137	12	137.0	310UC13712
200 UC 46	12	46.2	200UC46	310 UC 158	12	158.0	310UC15812
200 UC 46	15	46.2	200UC4615				
200 UC 46	18	46.2	200UC4618				



Joists

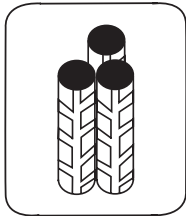
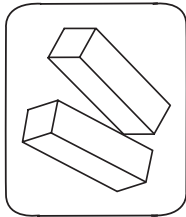
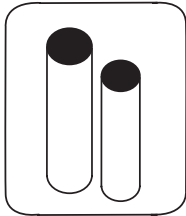
Size (mm)	LN (m)	Kg/m	Product Code
100 × 45	6	7.2	10045J6
100 × 45	9	7.2	10045J9
125 × 65	9	13.1	12565J9
125 × 65	12	13.1	12565J12

Steel

Rounds, Squares, Deformed Rounds

Specification:

- NZS 3402 Grade 300, Grade 430 & Grade 500
- BS4360-43A
- EN10025 Grade FE430A (S275)



Mild Steel Plain Rounds

Size (mm)	LN (m)	Kg/m	Product Code
6	6	0.23	6PR
8	6	0.39	8PR
10	6	0.62	10PR
12	6	0.89	12PR
12	9	1.00	129PR
16	6	1.58	16PR
16	9	1.58	169PR
20	6	2.47	20PR
20	9	2.47	209PR
24	6	3.55	24PR
28	6	4.83	28PR
32	6	6.31	32PR
40	6	9.86	40PR
50	6	15.42	50ER250
65	6	26.06	65ER250
75	6	34.68	75ER250
90	6	49.94	90ER250
100	6	61.65	100ER250
150	6	138.71	150ER
200	6	246.60	200ER

Mild Steel Square

Size (mm)	LN (m)	Kg/m	Product Code
10	6	0.79	10SQ
12	6	1.13	12SQ
16	6	2.01	16SQ
20	6	3.11	20SQ
25	6	4.91	25SQ
32	6	8.04	32SQ
40	6	12.56	40SQ
50	6	19.63	50SQ

Deformed Rounds

Size (mm)	LN (m)	Kg/m	Product Code
10	6	0.62	10DR
12	6	0.88	12DR
16	6	1.58	16DR
20	6	2.47	20DR
24	6	3.55	24DR

Other diameters and High Tensile Grade 430 ('Y') Bar are available.

Steel & Tube Reinforcing

We specialise in the fabrication of reinforcing bar for commercial, civil and domestic contracts. With over 30 years experience, we offer:

- A national distribution network in New Zealand.
- 24 hour pricing on
 - schedule of quantities
 - measurement of quantities from plans.
- Detailing, cutting and bending of Grade 300, Grade 430 and Grade 500 reinforcing steel from structural drawings or your own specification.
- On-site placing of reinforcing steel and mesh.
- Workshop fabrication of piles, columns, beams and so on.
- Competitive prices on stock lengths reinforcing steel 6mm–40mm diameter inclusive in 6–18 metre lengths.
- Competitive pricing on reinforcing mesh grades 661–6610 inclusive plus deformed mesh equivalents.



Branches:

31 Maurice Rd
Penrose
Auckland
Tel: 0-9-636 3908
Fax: 0-9-636 3909

5 Norris St
Te Rapa
Hamilton
Tel: 0-7-849 6207
Fax: 0-7-850 0171

Centennial Drive
New Plymouth
Tel: 0-6-751 1978
Fax: 0-6-751 1762

31 Malden St
Palmerston North
Tel: 0-6-355 0899
Fax: 0-6-353 0165

Hautonga St
Petone
Wellington
Tel: 0-4-568 4112
Fax: 0-4-576 0478

Cnr Carkeek &
Graham Sts
Nelson
Tel: 0-3-546 6060
Fax: 0-3-546 6785

373 Blenheim Rd
Christchurch
Tel: 0-3-348 2657
Fax: 0-3-348 1380

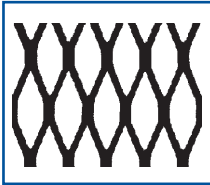
Cnr Willis &
Tewsley Sts
Dunedin
Tel: 0-3-477 9778
Fax: 0-3-477 1276

Steel Mesh

Note: The following section lists popular stock sizes. **Other sizes are available on request**, or can be ordered to your specifications. Please contact your local Steel & Tube branch.

Expanded Metal

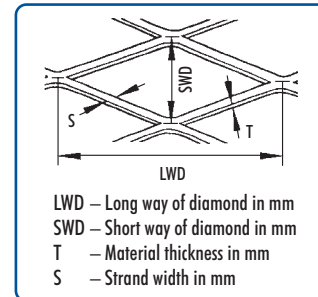
Product Code: Available as Raised, Black or Galvanised. () = R, B or G, e.g. B1212F.



LWM	SWM	Width	Thickness	Product Code
20	6	1.2	1.0	M2061017F
29	10	1.5	1.0	BC1615F
30	12	2.2	1.2	B1212()
30	12	2.2	1.2	M30121222()
30	12	2.2	1.6	B1216()
30	12	2.2	2.0	B1220F
38	15	1.6	2.0	B1516F
38	15	2.0	2.7	B1520()
43	24	3.0	2.0	M50242030F
50	19	2.7	2.0	B1920F
50	19	3.9	3.0	B1930()
50	22	4.0	3.0	1224BDVL3040F

Use the following sequence to order mesh:

- material finish
- LWD × SWD × T × S
- sheet size
- quantity.



Grid Mesh

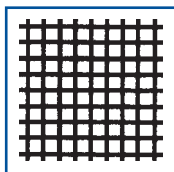


Walkway Mesh

Product Code: Available as Black or Galvanised. () = B or G, e.g. 312GM50075.
 Sheet size (1.2, 0.9 or 0.6m) = 12, 9, or 6.

LWM	SWM	Width	Thickness	Product Code
75	25	7.5	3.0	2312BG3022
75	25	7.5	5.0	312()GM50075
75	30	10.5	5.0	2312BGM50105
75	34	6.4	5.0	312()G3414
120	42	8.0	5.0	GR300()3(sheet size)
135	45	8.0	5.0	312()4514

Welded Mesh



General Purpose Mesh

Standard sheet sizes = 2.4 × 1.2 metres.

Product Code: Also available in Galvanised. () = G, e.g. (mm)GT

Wire Spacing	Wire Size (mm)	Product Code
50 × 50	4.0	228()T
50 × 50	5.3	225()T
100 × 100	4.0	448T

Reinforcing Mesh

Standard sheet sizes = 4.65 × 1.990 metres.

Wire Spacing	Wire Size (mm)	Product Code
75 × 75	4.0	338L
	5.3	335L
	6.3	333L
150 × 150	4.0	668L
	5.3	665L
	6.3	663L
	7.5	661L

Other sizes available, please enquire at your local Steel & Tube branch.

Woven Wire Mesh

Standard sheet sizes = 2.4 × 1.2 metres.

Sizes (mm) = 20 × 20 or 50 × 50. Wire size(mm) = 5.6 or 5.0. Available in Black (B) or Galvanised (G).

Product Code: For example: 2056()WW or 505()WW. () = B or G.

Chain Link Mesh

Sizes = 15 metre Galvanised 50mm × 2.50mm × 900, 1000, 1200, 1500, 1800mm.

Product Code: (mm width)(specifications mm × mm)(15 metres) CLM.

For example: 900255015CLM

Lacing Wire

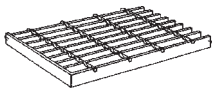
Sizes = 2mm Galvanised 5kg coils.

Product Code: (mm)LW(Kg coil)

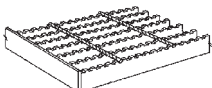
For example: 2LW5

Web Grating

Specifications: AS3679–250, BS4360–43A ASTM A36



Plain bar



Serrated bar

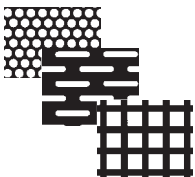
Webforge grating (Webgrate) is available as Plain or Serrated Bar, manufactured in numerous combinations of load bar depth and thicknesses, load bar pitch and cross rod pitch. Standard sheet sizes are 0.9m × 6.0m. Other sizes and combinations are available on request.

Plain bar – supplied with plain load bearing bars and 6mm square twisted cross rods.

Serrated bar – available with most standard load bearing bars. Small notches made in the top edge of the load bar assist in skid resistance.

Webgrate is supplied in three standard finishes: untreated, black bitumen and galvanized. Other Webforge products available include Stainless Steel grating, Aluminium grating, Fibre-reinforced grating, Cast Iron access covers/sump covers.

Perforated Metal



Tilley Perforated Metal

Perforated Materials:

Perforated metal is available in standard sheet sizes of 2400 × 1200mm, thicknesses 0.5mm to 6.0mm, in Black, Galvanised, Electro-galvanised, Aluminium Alloy and Stainless Steel T304 and T316.

A large range of patterns are available. Non-standard perforation and panel sizes can be manufactured to customer specifications.

Tilley Non-Slip Walkway and Stair Systems

- Non-slip
- Superior drainage
- Easy to clean
- Channel profile – rigidity

Tilley Plank/Stair Treads

Manufactured from 3m to 300mm × 50mm high lengths.

Available in Black, Galvanised, Stainless Steel T304/T316, and Aluminium Alloy 5251 grade.

Tilley Stud Plank/Stair Treads

Manufactured in 3m × 265mm planks and 618–916mm stair tread lengths.

Available in Galvanised sheet to Z275 (2.5mm), Black and Galvanised (2.5mm).

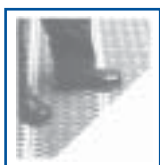
Q-Grating

Manufactured in three, four and five diamond configurations in 3.686m lengths.

Available in Black, Galvanised and Aluminium Alloy.

Applications

- Floors
- Walkways
- Platforms
- Mezzanine floors
- Stairs
- Drain covers



Machine Specifications

Slitting

	<i>Auckland</i>	<i>Christchurch</i>
Maximum width coil	1525mm	1525mm
Minimum width coil	25mm	30mm
Thickness range	0.35mm–3.2mm	0.4mm–3.2mm *
Maximum coil weight	10 tonnes	10 tonnes
Maximum coil OD	1600mm	1450mm
Bore sizes ID	508–760mm	508–760mm

* Sheet thickness can range to 4mm on application

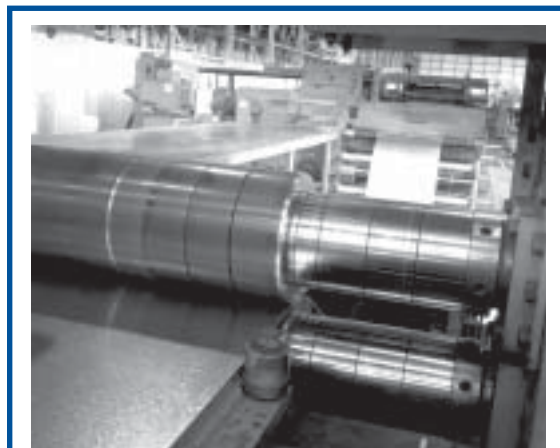


Overview of the Slitting process

Cut to Length

	<i>Auckland</i>	<i>Christchurch</i>
Maximum width coil	1525mm	1525mm
Minimum width coil	100mm	600mm
Maximum sheet length	3600mm **	3600mm **
Minimum sheet length	150mm	300mm
Thickness range	0.4mm–3.2mm	0.4mm–3.2mm
Maximum coil weight	10 tonnes	10 tonnes
Maximum coil OD	1800mm	1450mm
Bore sizes ID	508–760mm	508–760mm

** This size can be longer on application



Slitter

Locations

Auckland

Steel & Tube Coil Processing

8–10 Bowden Road
 PO Box 62 213
 Mt Wellington
 Tel: 0-9-573 0555
 Fax: 0-9-573 0719
 Toll free: 0800 827 826

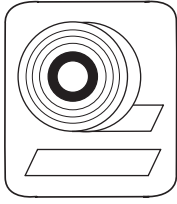
Christchurch

Stewart Steel Coil Processing

375 Blenheim Road
 PO Box 11 231
 Tel: 0-3-343 7996
 Fax: 0-3-348 1728



Steel & Tube Coil Processing Cut to Length line



Cold Rolled

Specification: NZCC-SD JIS G 3141 SPCC-SD

Size	(mm)	Shts/Tn	Product Code
2438 × 1219	0.60	71	24CRS
2438 × 1219	0.80	54	22CRS
2438 × 1219	1.00	44	20CRS
2438 × 1219	1.20	36	18CRS
2438 × 1219	1.60	27	16CRS
2438 × 1219	2.00	22	14CRS
2438 × 1219	2.50	17	12CRS
2438 × 1219	3.00	15	10CRS

Electro Galvanised

Specification: JIS G 3313 SECC/SEHC 20 g/sqm Coating Phosphated

Size	(mm)	Shts/Tn	Product Code
2438 × 1219	0.60	71	24EGS
2438 × 1219	0.80	54	22EGS
2438 × 1219	1.00	43	20EGS
2438 × 1219	1.20	35	18EGS
2438 × 1219	1.60	27	16EGS
2438 × 1219	2.00	21	14EGS
2438 × 1219	2.50	17	12EGS
2438 × 1219	3.00	13	10EGS

Enamelling Quality

Specification: JIS G 3133 SPP

Size	(mm)	Shts/Tn	Product Code
2438 × 1219	3.0	15	10EQS
2438 × 1219	1.6	27	16EQS
2438 × 1219	1.2	36	18EQS
2438 × 1219	1.0	44	20EQS
2438 × 1219	0.8	54	22EQS

Zincalume

Specification: AS1397 G 300 (or G 550) AZ 150

Size	BMT (mm)	Shts/Tn	Product Code
2400 × 1200	0.55	75	55AZS
2400 × 1200	0.75	56	75AZS
2400 × 1200	0.95	45	95AZS

Galvanised

Specification: AS/NZS1397 Gr250 Z275, JIS G 3302 SGCC/SGHC Z27

Size	BMT (mm)	Shts/Tn	Product Code
2400 × 900	0.40	135	2494GS
2400 × 900	0.55	100	24955GS
2400 × 900	0.75	75	24975GS
2400 × 900	0.95	59	2495GS
2400 × 1200	0.40	101	4GS
2400 × 1200	0.55	75	55GS
2400 × 1200	0.75	56	75GS
2400 × 1200	0.95	45	95GS
2400 × 1200	1.15	37	115GS
2400 × 1200	1.55	28	155GS
2400 × 1200	2.00	22	2GS
2400 × 1200	2.50	18	250GS
2400 × 1200	3.00	15	3GS
3000 × 1200	3.00	12	3123GS
3000 × 1500	0.55	51	31555GS
3000 × 1500	0.75	38	31575GS
3000 × 1500	0.95	30	31595GS
3660 × 1200	0.55	53	3661255GS

Hot Rolled

Specification: 1.60mm JIS G 3101 SS400
2.00 + 2.50mm AS1594/HA250

Size	(mm)	Shts/Tn	Product Code
2438 × 1219	1.60	27	16HRS
2438 × 1219	2.00	22	14HRS
2438 × 1219	2.50	17	12HRS

Aluminised

Specification: ASTM A463 CQ T1-40 Chromated & Oiled

Size	(mm)	Shts/Tn	Product Code
2438 × 1219	0.6	71	24ALS
2438 × 1219	0.8	54	22ALS
2438 × 1219	1.0	43	20ALS
2438 × 1219	1.2	35	18ALS
2438 × 1219	1.6	27	16ALS

Steel & Tube Plate Processing

Northern Plate Processing

Auckland: 68 Stonedon Drive, East Tamaki PO Box 63 213
Tel: 0-9-273 7630, Fax: 0-9-273 1484

Capacities & Equipment Specifications

- Guillotine:** 3.600 × 6mm and 3.600 × 19 mm
- Press Brakes:** 3.000 × 200 tonne and 4.200 × 300 tonne
- Plasma Cutter:** Maximum cutting width 3.100 metres
Maximum length 13.500 metres
(Fitted with Powder Marker and Hi Definition Plasma)
- Oxy Fuel Cutter:** Maximum cutting width – 2.400 metres
Maximum length – 10.000 metres
Maximum thickness – 200 mm
- Both Profile Machines:** Full CAD/CAM facilities
- including digitizer to A1
 - dxf importing capacity
 - comprehensive drawing and shape capacity
- Kingsland Punch:** 55 ton (punches holes, shears flats)



Central Plate Processing

Petone: Hautonga Street PO Box 38 195
Tel: 0-4-568 0044, Fax: 0-4-568 8308, Freephone: 0800 100 589

Capacities & Equipment Specifications

- Guillotine:** 3.000 × 12mm
- Plasma Cutter:** Maximum cutting width 2.400 metres
Maximum cutting length 10.000 metres
- Oxy Fuel Cutter:** Maximum cutting width – 2.400 metres
Maximum cutting length – 6.000 metres
Maximum cutting thickness – 200mm
- Both Profile Machines:** Full CAD/CAM facilities.
- including digitizer to A1
 - dxf importing capacity
 - comprehensive drawing and standard shape capacity



Southern Plate Processing

Christchurch: 375–399 Blenheim Road, PO Box 11 231
Tel: 0-3-343 7995, Fax: 0-3-348 4167

Capacities & Equipment Specifications

- Guillotine:** 3.600 × 12mm
- Plasma Cutter:** Maximum cutting width 2.400 metres
Maximum cutting length 10.000 metres
- Oxy Fuel Cutter:** Maximum cutting width – 2.400 metres
Maximum cutting length – 6.000 metres
Maximum cutting thickness – 200mm
- Both Profile Machines:** Full CAD/CAM facilities
- including digitizer to A1
 - dxf importing capacity
 - comprehensive drawing and standard shape capacity
- Peddinghaus
Punch & Shear:**
- Hole punching, flat shearing, angle shearing

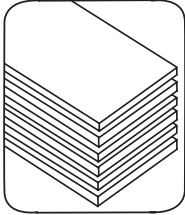


Steel

Mild Steel Plate

Specification:

AS/NZS 1594:
HA 250 or equivalent



Size (mm)	Thickness (mm)	Product Code Size(Thickness)P
1200 × 1220	3, 4, 5, 6, 8, 10, 12, 16, 20, 25, 32	12122(mm)P
2400 × 1220	3, 4, 5, 6, 8, 10, 12, 16, 20, 25, 32, 40, 50, 60, 80, 100	24122(mm)P
3600 × 1220	3	36122(mm)P
3000 × 1520	3	3152(mm)P
3600 × 1520	3, 4, 5, 6, 8, 10, 12, 16, 20	36152(mm)P
6000 × 1520	3	6152(mm)P
7200 × 1520	5, 6, 8, 10, 12, 16, 20, 25, 32	72152(mm)P
2800 × 1800	200	2818(mm)P
3600 × 1800	3, 5, 6, 100, 150	3618(mm)P
4200 × 1800	100, 130	4218(mm)P
4600 × 1800	120	4618(mm)P
6000 × 1800	3	618(mm)P
3600 × 2000	6, 8, 10, 12, 16, 20, 25, 32, 40, 50, 65	362(mm)P
6000 × 2000	5, 6, 8, 10, 12, 16, 20, 25, 32, 100	62(mm)P
4800 × 2400	65, 80	4824(mm)P
6000 × 2400	5, 6, 8, 10, 12, 16, 20, 25, 32, 40, 50, 60, 80	624(mm)P
7600 × 2400	5, 6	7624(mm)P
9000 × 2400	5, 6, 8, 10, 12	924(mm)P

Application: General engineering grade.

Medium Tensile Plate

Specification:

AS/NZS 1594 HA350 or
equivalent

Size (mm)	Thickness (mm)	Product Code Size(Thickness)MP
2500 × 1250	3, 4, 5, 6	25125(mm)MP
6000 × 1500	5	615(mm)MP
3000 × 1520	5	3152(mm)MP
4000 × 2000	6, 8, 10, 12, 16, 20, 25, 32, 40, 50	42(mm)MP

Application: Transport components, structural sections, bridge girders, or wherever reduced weight is required.

Mild Steel Floor (Chequer) Plate

Specification:

AS 1594 HA 1 or
equivalent

Size (mm)	Thickness (mm)	Product Code Size(Thickness)FP
2400 × 1200	3, 5, 6	2412(mm)FP
3600 × 1500	3, 3.2, 5, 6, 8, 10	3615(mm)FP
4000 × 1500	12	415(mm) FP

Application: Stair treads, landings.

Weather Resistant Plate

Specification:

AS/NZ 1594 HW 350
or equivalent

Size	Thickness (mm)	Product Code Size(Thickness)CP
2500 × 1250	1.6, 2, 2.5, 3, 4, 5, 6	25125(mm)CP
3600 × 1500	3, 5, 6	3615(mm)CP

Application: Truck decks, shipping containers, transformer housings.

High Tensile Plate

Specification:

Bisplate 80 or equivalent

Size	Thickness (mm)	Product Code Size(Thickness)HP
6000 × 1500	5, 100	615(mm)HP
6000 × 1900	80	619(mm)HP
6000 × 2500	6, 8, 10, 12, 16, 20, 25, 32, 40, 50	625(mm)HP

Application: Bridges, logging equipment, transport industry or wherever high strength is required.

Abrasion Resistant Plate

Specification:

Bisplate 400 or equivalent

Size	Thickness (mm)	Product Code Size(Thickness)AP
6000 × 1500	5, 100	615(mm)AP
6000 × 1900	80	619(mm)AP
6000 × 2500	6, 8, 10, 12, 16, 20, 25, 32, 40, 50, 65, 80, 100	625(mm)AP

Application: Loading buckets, gravel chutes, hammer mills, dump trucks, cutting edges, grader blades. BIS plate 500 also stocked 625(mm) AP500.

Boiler Plate

Specification:

AS1548-7-460R

Size	Thickness (mm)	Product Code Size(Thickness)ABP
6000 × 2400	5, 6, 8, 10, 12, 16, 20, 25, 32, 40, 50	624(mm)ABP
Normalised boiler plate		624(mm)NABP

Application: A Carbon Manganese steel for boiler and pressure vessel applications.

Special Steels

Note: ● = Rounds □ = Squares ● = Hexagons

Size Availability	Commercial Quality AISI C1008 Cold drawn	Commercial Quality AISI C1018/20 Cold drawn	Sulphurised Free Cutting AISI C1215 Cold drawn	Leaded Free Cutting AISI C12L14 Cold drawn	Medium Tensile AISI C1045 Cold drawn	High Tensile Ground Q&T AISI 4140	High Tensile Ground Q&T AISI 4340	Hard Chrome Plated Steel Bar AISI C1045	Key Steel Ground	Silver Steel
3/16"	●	●	□ ●	●					□	●
5mm	●	●	●	●	●				□	●
6mm	●	●	●	●					□	●
1/4"	●	●	● □	●					□	●
5/16"	●	●	● □ ●	● ●	●				□	●
7mm			●	●						
8mm	●	●	●	●					□	●
3/8"	●	●	● □ ●	● ●	●				□	●
10mm	●	●	●	● ●	●				□	●
7/16"			● ●	● ●	●				□	●
12mm			●	●	●				□	●
1/2"			● □ ●	● ●	●				□	●
14mm			●	●					□	●
9/16"			● ●	● ●						●
5/8"			● □ ●	● ●	●	●			□	●
16mm			●	●	●		●		□	●
3/4"			● □ ●	● ●	●	●		●	□	●
20mm			●	●	●	●		●	□	●
7/8"			● □ ●	● ●	●	●			□	●
25mm			● □	●	●	●	●	●	□	●
1"			● □ ●	● ●	● ●	●	●	●	□	●
1 1/16"			●	● ●	●					
1 1/8"			● □ ●	● ●	●	●		●	□	
30mm			●	●	●	●	●	●		
1 3/16"			●	●	●					
1 1/4"			● □ ●	● ●	●	●	●	●	□	
1 3/8"			● ●	● ●	●			●		
35mm			●	●	●	●	●	●		
1 1/2"			● □ ●	● ●	●	●	●	●	□	
40mm			●	●	●	●	●	●		
1 5/8"			●	●						
1.670"					●					
1 3/4"			● □	●	●	●	●	●		
45mm			●	●	●	●	●	●		
50mm			●	●	●	●	●	●		
2"			● □	●	●	●	●	●		
55mm			●	●	●	●	●	●		
2 1/4"			●	●	●	●	●	●		
60mm			●	●	●	●	●	●		
2 1/2"			● □	●	●	●	●	●		
65mm			●	●	●	●	●	●		
2 3/4"			●							
2.760"					●					
70mm					●	●	●	●		
75mm			●	●	●	●	●	●		
3"			● □	●	●	●	●	●		
80mm			●	●	●	●	●	●		
3 1/2"			● □	●	●	●	●	●		
90mm				●	●	●	●	●		
100mm				●	●	●	●	●		
4"			● □	●	●	●		●		
4 1/2"			●	●	●					
5"			● □	●	●					
6"			● □	●	●					

Steel

Special Steels

Other products available

- Case Hardening Steel EN36A/EN39B
- Bronze (BS 1400 LG2) Aluminium Bronze (Alloy 954)
- Solid and hollow sections
- Ground flat stock
- Hoyt whitemetal products
- Threaded rod

Please enquire at your local Steel & Tube branch for sizes.

Size Availability	Hot Rolled Mild Steel S20C	Hot Rolled Medium Tensile S45C	Hot Rolled High Tensile 4140 Q&T	Hot Rolled High Tensile 4340 Q& T	Cast Iron 4E Ductile Iron 3D
16mm			●		
20mm			●		●
24mm			●	●	
25mm			●	●	●
30mm			●	●	●
33mm			●		
35mm			●	●	●
36mm			●		
40mm			●	●	●
45mm			●	●	●
50mm	●	●	●	●	●
55mm			●	●	●
56mm		●			
60mm	●	●	●	●	●
65mm	●	●	●	●	●
70mm	●	●	●	●	
75mm		●	●	●	●
80mm	●	●	●	●	●
85mm					●
90mm	●	●	●	●	●
95mm				●	●
100mm	●	●	●	●	●
105mm		●		●	●
110mm	●	●	●	●	●
115mm		●			●
120mm		●	●	●	●
128mm					●
130mm		●	●	●	●
140mm	●	●	●	●	●
145mm					●
150mm	●	●	●	●	●
155mm					●
160mm		●	●	●	●
170mm	●	●	●	●	●
175mm					●
180mm		●	●	●	●
185mm					●
190mm		●			●
200mm	●	●	●	●	●
210mm		●		●	●
220mm		●			●
230mm		●	●	●	●
240mm					●
250mm		●	●		●
260mm		●		●	●
280mm		●		●	
285mm					●
290mm					
300mm					
310mm		●		●	●
335mm					●
340mm		●		●	
360mm					●
370mm		●			
385mm					●
410mm		●			●
460mm		●			●

Steel & Tube offer a billet cutting service for steels up to 500mm diameter.

Contact your local Steel & Tube branch for details.

Steel

Special Steels

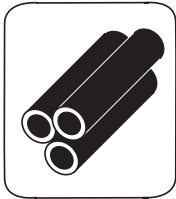
Note: For more detailed specifications and grade/size availability, please contact your local Steel & Tube branch.

Cold Drawn Steel Flat AISI C1018 (width & thickness)		Hydraulic Cylinder Tube – honed bore (ID x WT)	Carbon Steel Hollow Bar DESFORD TI 6V Nominal Sizes (OD & ID)		Spring Steel JIS G4801 SUP6 (width & thickness)
<i>Imperial Size</i>	<i>Imperial Size</i>	40mm x 5mm	32mm x 16mm	100 x 75	2" x ¼"
½ x ⅛	3 x ½	50 x 5	36 x 16	100 x 80	2 ¼ x ¼
¾ x ⅛	4 x ½	60 x 5	36 x 20	106 x 56	2 ½ x ¼
1 x ⅛	5 x ½	85 x 5	40 x 20	106 x 71	2 x ⅝
1 ½ x ⅛	6 x ½	70 x 7.5	40 x 25	106 x 80	2 x ¾
2 x ⅛	8 x ½	75 x 10	45 x 20	112 x 71	2 ½ x ¾
½ x ⅜	1 x ⅝	80 x 10	45 x 28	112 x 80	3 x ¾
¾ x ⅜	1 ½ x ⅝	90 x 10	45 x 32	112 x 90	3 ½ x ¾
1 x ⅜	2 x ⅝	95 x 10	50 x 25	118 x 80	4 x ¾
1 ½ x ⅜	3 x ⅝	100 x 10	50 x 32	118 x 90	5 x ¾
2 x ⅜	4 x ⅝	105 x 10	50 x 36	120 x 60	65mm x 5mm
½" x ¼"	6 x ⅝	110 x 10	56 x 28	125 x 71	20 x 6
¾ x ¼	1 x ¾	115 x 10	56 x 36	125 x 90	40 x 6
1 x ¼	1 ½ x ¾	120 x 10	56 x 40	125 x 100	45 x 6
1 ½ x ¼	2 x ¾	130 x 10	63 x 32	132 x 71	50 x 6
2 x ¼	3 x ¾	150 x 10	63 x 36	132 x 80	60 x 6
3 x ¼	4 x ¾	160 x 10	63 x 40	132 x 90	65 x 6
4 x ¼	6 x ¾	200 x 15	63 x 45	132 x 106	70 x 6
6 x ¼	1 ¼ x 1	1 ½" x ¼"	63 x 50	140 x 80	60 x 7
¾ x ⅝	1 ½ x 1	1 ¾ x ¼	71 x 36	140 x 100	55 x 8
1 ¼ x ⅝	2 x 1	2 x ¼	71 x 40	140 x 112	60 x 8
2 ½ x ⅝	3 x 1	2 ½ x ¼	71 x 45	150 x 80	65 x 8
½ x ¾	4 x 1	3 x ¼	71 x 50	150 x 106	70 x 8
¾ x ¾	5 x 1	3 x ⅝	71 x 56	150 x 118	75 x 8
1 x ¾	6 x 1	3 ¼ x ¼	75 x 40	160 x 90	90 x 8
1 ¼ x ¾	8 x 1	3 ½ x ¼	75 x 45	160 x 100	50 x 9
1 ½ x ¾	3 x 1 ¼	4 x ¼	75 x 50	160 x 112	55 x 9
2 x ¾	4 x 1 ¼	4 ½ x ⅝	75 x 60	160 x 122	75 x 9
3 x ¾	3 x 1 ½		80 x 40	160 x 122	90 x 9
4 x ¾	4 x 1 ½		80 x 45	160 x 132	70 x 10
6 x ¾	6 x 1 ½		80 x 50	170 x 100	75 x 10
¾ x ½	3 x 2		80 x 56	170 x 118	80 x 10
1 x ½	4 x 2		80 x 63	170 x 140	90 x 10
1 ¼ x ½	6 x 2		85 x 45	180 x 100	100 x 10
1 ½ x ½	<i>Metric Size</i>		85 x 50	180 x 125	75 x 11
2 x ½	16 x 5		85 x 55	180 x 140	70 x 12
2 ½ x ½	32 x 5		85 x 67	200 x 140	80 x 12
	40 x 20		90 x 50	200 x 160	90 x 12
			90 x 56	224 x 132	100 x 12
			90 x 63	224 x 180	75 x 13
			90 x 67	236 x 140	80 x 13
			90 x 71	236 x 170	90 x 13
			95 x 50	250 x 180	100 x 13
			95 x 63	250 x 200	75 x 14
			95 x 75	273 x 223	80 x 14
			100 x 56	298 x 198	90 x 14
			100 x 63	298 x 238	100 x 14
			100 x 71	323 x 223	90 x 16
				323 x 243	100 x 16

Black/Primed/Galvanised/DURAGAL® CHS/Galtube® Plus

Specification:

BS1387 – AS1074
AS1163 C350 LO #
AS1163 C250 LO
Tubeline 350 LO Type 3 *



Note: All pipe is supplied in 6.5m lengths. Other lengths available on enquiry.

Black

	Product Code	Nominal Bore (mm)
Light PE#	(mm)BLP	15*, 20, 25, 32, 40, 50, 65
Medium PE	(mm)BMP	15*, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150
Medium Screwed	(mm)BMS	10, 15*, 20, 25, 32, 40, 50, 100
Heavy PE	(mm)BHP	15*, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150
Heavy screwed	(mm)BHS	8, 10, 15*, 20, 25, 32, 40, 50, 65, 80, 100

Primed

	Product Code	Nominal Bore (mm)
Light PE#	(mm)PLP	50, 65, 80, 100, 150
Medium PE	(mm)PMP	15*, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150
Medium Screwed	(mm)PMS	15*, 25, 32, 40, 50, 100

Specification:

AS1163 C350 LO #
AS1163 C250 LO
Tubeline 350 LO Type 3 *

Galvanised

	Product Code	Nominal Bore (mm)
Light PE#	(mm)GLP	15*, 20, 25, 32, 40, 50
Medium PE	(mm)GMP	15*, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150
Medium Screwed	(mm)GMS	8, 10, 15*, 20, 25, 32, 40, 50, 65, 80, 100, 150

Specification:

AS/NZ 4792
AS1163 C350 LO #
AS1163 C250 LO
Tubeline 350 LO Type 3 *

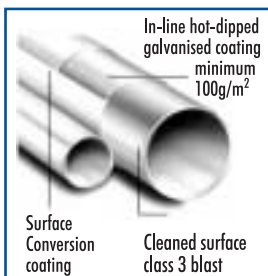
DURAGAL® CHS

	Product Code	Nominal Bore (mm)
Extra light PE	(mm)DXLP	20*, 25*, 32*, 40*, 50*, 65*
Light	(mm)DLP	20, 25, 32, 40, 50, 65*
Medium	(mm)DMP	20, 25, 32, 40, 50, 65 *

* Items are not common stock sizes. Other sizes are available on enquiry. A minimum order quantity may apply.

Specification:

AS1163 C350 LO



Galtube® Plus

	Product Code	Nominal Bore (mm)
Light PE	(mm)GTP	20, 25, 32, 40, 50, 65*

* Not a common stock size, but is available on enquiry.

Specification:

Tubeline 350 LO Type 1

Victaulite Galvanised Pipe/New Fire Industry Pipe

Shouldered End Galvanised Pipe

- Lightweight.
- Hot dipped galvanised.
- High strength.
- Economical.
- Versatile working pressures.
- Weld integrity/leak tight.

Outside Diameter (mm)	Wall Thickness (WT) (mm)	LN (m)	Nominal Mass per Metre (kg/m)
60.3	2.0	6.0	3.05
60.3	3.0	6.0	4.41
88.9	2.0	6.0	4.56
88.9	3.0	6.0	6.63
114.3	2.0	6.0	5.89
114.3	2.5	6.0	7.24
114.3	3.0	6.0	8.59
139.7	2.5	6.0	8.89
165.1	2.5	6.0	10.6
165.1	3.0	6.0	12.3

Grooved End and Plain End Galvanised Pipe

Outside Diameter (mm)	Wall Thickness (WT) (mm)	LN (m)	Nominal Mass per Metre (kg/m)
60.3	2.0	6.0	3.02
60.3	3.0	6.0	4.39
88.9	2.0	6.0	4.51
88.9	3.0	6.0	6.57
114.3	2.0	6.0	5.82
114.3	2.5	6.0	7.18
114.3	3.0	6.0	8.52
139.7	2.5	6.0	8.81
165.1	2.5	6.0	10.4
165.1	3.0	6.0	12.4

Specification:

AS/NZ 4118-FAS119

Available as ILG
(In line hot dipped galvanised) 100g/m²
or HDG (Hot dipped galvanised) 300g/m².

New Fire Industry Pipe – Fire Plus®

Nominal Bore (NB) (mm)	Wall Thickness (WT) (mm)	LN (m)	Nominal Mass per Metre (kg/m)	
			ILG	HDG
25	2.0	6.5	1.56	1.64
32	2.0	6.5	1.99	2.10
40	2.3	6.5	2.61	2.73
50	2.3	6.5	3.29	3.44
65	2.3	6.5	4.19	4.37
80	2.5	6.5	5.53	5.75
100	3.05	6.5	8.37	8.65
150	3.4	6.5		14.00



Grooving Service

An 'in-house' grooving service is available to our clients involved in pipework installation.

- Cut pieces to full lengths for heating & mechanical, air services, fire protection, irrigation
- Wall thickness to 9.5mm
- Roll grooving – 1" to 24"
- Cut grooving – 2" to 8"

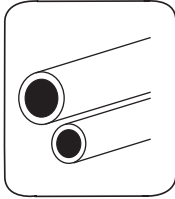
This service is available at most Steel & Tube branches throughout New Zealand.

Pipe & Tube

Linepipe – Seamless

Specification:

ASTM A106B



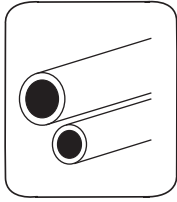
Nominal Bore (mm)	Outside Diameter (mm)	Wall Thickness (WT) (mm)	Schedule	LN (m)	Product Code
15	21.30	2.77	40	6	15SL
15	21.30	3.73	80	6	15S80SL
15	21.30	4.78	160	6	15S160SL
15	21.30	7.47	XXS	6	15XXSSL
20	26.70	2.87	40	6	20SL
20	26.70	3.91	80	6	20S80SL
20	26.70	5.56	160	6	20S160SL
20	26.70	7.82	XXS	6	20XXSSL
25	33.40	3.38	40	6	25SL
25	33.40	4.55	80	6	25S80SL
25	33.40	6.35	160	6	25S160SL
25	33.40	9.09	XXS	6	25XXSSL
32	42.20	3.56	40	6	32SL
32	42.40	4.85	80	6	32S80SL
40	48.30	3.68	40	6	40SL
40	48.30	5.08	80	6	40S80SL
40	48.30	7.14	160	6	40S160SL
40	48.30	10.15	XXS	6	40XXSSL
50	60.30	3.91	40	6	50SL
50	60.30	5.54	80	6	50S80SL
50	60.30	8.74	160	6	50S160SL
50	60.30	11.07	XXS	6	50XXSSL
65	73.00	5.16	40	6	65SL
65	73.00	7.01	80	6	65S80SL
80	88.90	5.49	40	6	80SL
80	88.90	7.62	80	6	80S80SL
80	88.90	11.13	160	6	80S160SL
80	88.90	15.24	XXS	6	80XXSSL
100	114.30	6.02	40	6	100SL
100	114.30	6.02	40	12	10012SL
100	114.30	8.56	80	6	100S80SL
100	114.30	13.49	160	6	100S160SL
100	114.30	17.12	XXS	6	100XXSSL
125	141.30	6.55	40	6	125SL
125	141.30	6.55	40	12	12512SL
125	141.30	9.53	80	6	125S80SL
150	168.30	7.11	40	6	150SL
150	168.30	7.11	40	12	15012SL
150	168.30	10.97	80	6	150S80SL
150	168.30	14.27	120	6	150S120SL
150	168.30	18.26	160	6	150S160SL
150	168.30	21.95	XXS	6	150XXSSL
200	219.10	6.35	20	6	200S20SL
200	219.10	6.35	20	12	200S2012SL
200	219.10	8.18	40	6	200SL
200	219.10	8.18	40	12	20012SL
200	219.10	12.70	80	6	200S80SL
200	219.10	18.26	120	6	200S120SL
250	273.00	6.35	20	6	250S20SL
250	273.00	6.35	20	12	250S2012SL
250	273.00	9.27	40	6	250SL
250	273.00	9.27	40	12	25012SL
250	273.00	12.7	60	6	250S60SL
250	273.00	15.09	80	6	250S80SL

Pipe & Tube

Linepipe – Seamless

Specification:

ASTM A106B



Nominal Bore (mm)	Outside Diameter (mm)	Wall Thickness (WT) (mm)	Schedule	LN (m)	Product Code
300	323.90	9.53	STD WGT	6	300STD12SL
300	323.90	10.31	40	6	300SL
300	323.90	10.31	40	12	30012SL
300	323.90	12.7	XS	6	300XSSL
300	323.90	17.48	80	6	300S80SL
350	355.60	9.53	STD WGT	6	350STD12SL
350	355.60	9.53	STD WGT	12	350STD12SL
350	355.60	12.7	XS	6	350XSSL

Linepipe – ERW

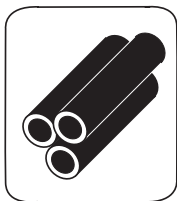
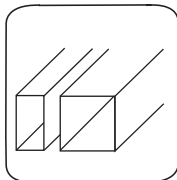
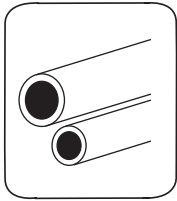
Specification:

API 5LB ERW

Nominal Bore (mm)	Outside Diameter (mm)	Wall Thickness (WT) (mm)	Schedule	LN (m)	Product Code
80	88.90	5.49	40	6	80EL
100	114.30	6.02	40	6	100EL
150	168.30	7.11	40	6	150EL
150	168.30	7.11	40	12	15012EL
200	219.10	8.18	40	6	200EL
200	219.10	8.18	40	12	20012EL
250	273.00	9.27	40	6	250EL
250	273.00	9.27	40	12	25012EL
300	323.90	9.53	STD WGT	6	300STDEL
300	323.90	9.53	STD WGT	12	300STD12EL
350	355.60	9.53	STD	12	350STD12EL
400	406.40	9.53	STD	12	400STD12EL
500	508.00	9.53	STD	12	500S2012EL
150	168.30	4.78	WT	6	150478EL
200	219.10	4.78	WT	6	200478EL
200	219.10	4.78	WT	12	20047812EL
250	273.00	4.78	WT	6	250478EL
250	273.00	4.78	WT	12	25047812EL
150	168.30	6.35	WT	6	150635EL
200	219.10	6.35	20	6	200S20EL
200	219.10	6.35	20	12	200S2012EL
250	273.10	6.35	20	6	250S20EL
250	273.10	6.35	20	12	250S2012EL
300	323.90	6.35	20	6	300S20EL
300	323.90	6.35	20	12	300S2012EL
400	406.40	6.35	10	6	400635EL
500	508.00	6.35	10	12	50063512EL

ERW Welded Tube – Square, Round, Rectangular — Boiler Tube

Available in Cold Rolled
Mild Steel Tube and
Pre Galvanised Steel Tube



ERW Square

Size (mm)	LN (m)	Kg/m	Product Code
9.5 × 9.5 × 1.2	5.5	0.34	9512R
9.5 × 9.5 × 1.6	5.5	0.40	9516R
12.7 × 12.7 × 1.2	5.5	0.49	12712R
12.7 × 12.7 × 1.6	5.5	0.58	12716R
16.0 × 16.0 × 1.2	5.5	0.55	1612R
16.0 × 16.0 × 1.6	5.5	0.72	1616R
16.0 × 16.0 × 2.0	5.5	0.92	162R
19.0 × 19.0 × 1.2	5.5	0.68	1912R
19.0 × 19.0 × 1.6	5.5	0.89	1916R
19.0 × 19.0 × 2.0	5.5	1.11	192R
22.2 × 22.2 × 1.2	5.5	0.81	22212R
22.2 × 22.2 × 1.6	5.5	1.07	22216R
22.2 × 22.2 × 2.0	5.5	1.31	2222R
25.4 × 25.4 × 1.2	5.5	0.91	25412R
25.4 × 25.4 × 1.4	5.5	1.05	25414R
25.4 × 25.4 × 1.6	5.5	1.19	25416R
25.4 × 25.4 × 2.0	5.5	1.47	2542R
31.8 × 31.8 × 1.2	5.5	1.16	31812R
31.8 × 31.8 × 1.6	5.5	1.53	31816R
31.8 × 31.8 × 2.0	5.5	1.89	3182R
35.0 × 35.0 × 1.2	5.5	1.37	3512R
35.0 × 35.0 × 1.6	5.5	1.64	3516R
35.0 × 35.0 × 2.0	5.5	2.03	352R
38.0 × 38.0 × 1.2	5.5	1.37	3812R
38.0 × 38.0 × 2.0	5.5	2.25	382R
51.0 × 51.0 × 1.6	5.5	2.44	5116R
51.0 × 51.0 × 2.0	5.5	3.03	512R

ERW Round

OD (mm)	WT (mm)	LN (m)	Kg/m	Product Code
9.5	1.2	5.5	0.25	9512T
9.5	1.6	5.5	0.31	9516T
12.7	1.2	5.5	0.34	12712T
12.7	1.6	5.5	0.44	12716T
12.7	2.0	5.5	0.55	1272T
16.0	1.2	5.5	0.44	1612T
16.0	1.6	5.5	0.57	1616T
16.0	2.0	5.5	0.69	162T
19.0	1.2	5.5	0.53	1912T
19.0	1.6	5.5	0.69	1916T
19.0	2.0	5.5	0.84	192T
22.2	1.2	5.5	0.62	22212T
22.2	1.6	5.5	0.81	22216T
22.2	2.0	5.5	1.00	2222T
25.4	1.2	5.5	0.72	25412T
25.4	1.4	5.5	0.83	25414T
25.4	1.6	5.5	0.93	25416T
25.4	2.0	5.5	1.15	2542T
28.6	1.2	5.5	0.81	28612T
28.6	1.6	5.5	1.07	28616T
28.6	2.0	5.5	1.31	2862T
31.8	1.2	5.5	0.91	31812T
31.8	1.6	5.5	1.19	31816T
31.8	2.0	5.5	1.47	3182T
35.0	1.2	5.5	1.00	3512T
35.0	1.6	5.5	1.32	3516T
35.0	2.0	5.5	1.63	352T
38.0	1.2	5.5	1.09	3812T
38.0	1.6	5.5	1.44	3816T
38.0	2.0	5.5	1.78	382T
38.0	2.6	5.5	2.34	3826T
41.3	1.6	5.5	1.57	41316T
41.3	2.0	5.5	1.82	4132T
44.5	1.2	5.5	1.28	44512T
44.5	1.6	5.5	1.69	44516T
44.5	2.0	5.5	2.10	4452T
47.6	1.2	5.5	1.37	47612T
47.6	1.6	5.5	1.82	47616T
51.0	1.2	5.5	1.47	5112T
51.0	1.6	5.5	1.95	5116T
51.0	2.0	5.5	2.42	512T
54.0	1.6	5.5	2.07	5416T
57.0	1.6	5.5	2.19	5716T
57.0	2.0	5.5	2.71	572T
60.3	1.6	5.5	2.25	60316T
63.5	1.6	5.5	2.44	63516T
63.5	2.0	5.5	3.03	6352T
70.0	1.6	5.5	2.70	7016T
76.1	1.6	5.5	2.94	76116T
76.1	2.0	5.5	3.66	7612T
76.1	2.6	5.5	4.71	76126T
88.9	1.6	5.5	3.45	88916T
101.6	1.6	5.5	3.95	101616T
101.6	2.0	5.5	4.91	10162T

ERW Rectangular

Size (mm)	LN (m)	Kg/m	Product Code
25.4 × 12.7 × 1.2	5.5	0.68	25412712R
25.4 × 12.7 × 1.6	5.5	0.89	25412716R
31.8 × 16.0 × 1.6	5.5	1.19	3181616R
35.0 × 19.0 × 1.2	5.5	0.97	351912R
35.0 × 19.0 × 1.6	5.5	1.27	351916R
35.0 × 19.0 × 2.0	5.5	1.57	35192R
38.0 × 25.4 × 1.6	5.5	1.87	3825416R
51.0 × 25.4 × 1.2	5.5	1.37	5125412R
51.0 × 25.4 × 1.6	5.5	1.82	5125416R
51.0 × 25.4 × 2.0	5.5	2.25	512542R
63.5 × 38.0 × 2.0	5.5	3.03	635382R

Boiler Tube

BS 3059.1.320 CDS HFS








OD (mm)	WT (mm)	LN (m)	Kg/m	Product Code
25.4	2.9	6	1.61	25429BT
25.4	6.3	6	2.97	25463BT
31.8	2.9	6	2.07	31829BT
31.8	6.3	6	3.96	31863BT
38.0	2.9	6	2.51	3829BT
38.0	6.3	6	4.93	3863BT
44.5	3.2	6	3.26	44532BT
44.5	6.3	6	5.94	44563BT
51.0	3.2	6	3.77	5132BT
51.0	6.3	6	6.94	5163BT
57.0	6.3	6	7.88	5763BT
63.5	3.2	6	4.76	63532BT
63.5	6.3	6	8.89	63563BT
70.0	3.2	6	5.27	7032BT
76.1	6.3	6	10.80	76163BT
101.6	8.0	6	18.50	10168BT

Fittings

Galvanised Malleable

Specification:

Thread taper to BS21

	Description	Product Code	Nominal Bore (NB)
	Bend M&F	(NB)GMFBE	10, 15, 20, 25, 32, 40, 50, 65, 80, 100
	Bend F&F	(NB)GBE	15, 20, 25, 32, 40, 50, 65, 80, 100
	Bend M&M	(NB)GMBE	15, 20, 25, 32, 40, 50
	Elbow F&F	(NB)GE	6, 8, 10, 15, 20, 25, 32, 40, 50, 65, 80, 100, 150
	Reducing Elbow	(NB)(NB)GE	15, 20, 25, 32, 40, 50
	45° Elbow	(NB)GE45	15, 20, 25, 32, 40, 50, 65, 80, 100
	Elbow M&F	(NB)GMFE	6, 8, 10, 15, 20, 25, 32, 40, 50, 65, 80, 100
	Tee	(NB)GT	6, 8, 10, 15, 20, 25, 32, 40, 50, 65, 80, 100, 150
	Reducing Tee	(NB)(NB)GT	15, 20, 25, 32, 40, 50, 65, 80, 100, 150
	Three-way	(NB)(NB)(NB)GT	25, 32, 40, 50
	Reducing Tee		
	Cross	(NB)GX	15, 20, 25, 32, 40, 50, 65, 80
	Locknut	(NB)GL	8, 10, 15, 20, 25, 32, 40, 50

Fittings

Galvanised Malleable

Specification:

Thread taper to BS21



Description	Product Code	Nominal Bore (NB)
Socket	(NB)GS	6, 8, 10, 15, 20, 25, 32, 40, 50, 65, 80, 100, 150



Reducing Socket	(NB)(NB)GS	10, 15, 20, 25, 32, 40, 50, 65, 80, 100
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Reducing Bush	(NB)(NB)GB	8, 10, 15, 20, 25, 32, 40, 50, 65, 80, 100
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Hex Nipple	(NB)GHN	8, 10, 15, 20, 25, 32, 40, 50, 65, 80, 100
Reducing Hex Nipple	(NB)(NB)GHN	10, 15, 20, 25, 32, 40, 50



Plug	(NB)GPL	6, 8, 10, 15, 20, 25, 32, 40, 50, 65, 80, 100
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Cap	(NB)GC	8, 10, 15, 20, 25, 32, 40, 50, 65, 80, 100
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Round Flange	(NB)GF	8, 15, 20, 25, 32, 40, 50, 65, 80, 100, 150
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Conical Union	(NB)GCU	15, 20, 25, 32, 40, 50, 80
Mac Union	(NB)GMU	15, 20, 25, 32, 40, 50, 100



Navy Union	(NB)GNU	10, 15, 20, 25, 32, 40, 50, 65, 80
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Fittings

Black Malleable

Specification:

Thread taper to BS21

Description	Product Code	Nominal Bore (NB)
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Plug	(NB)BPL	15, 20, 25, 32, 40, 50
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Elbow	(NB)BE	15, 20, 25, 32, 40, 50
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Tee	(NB)BT	15, 20, 25, 32, 40, 50
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Bush	(NB)(NB)BB	20, 25, 32, 40, 50
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Mac Union	(NB)BMU	15, 20, 25, 32, 40, 50
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Navy Union	(NB)BNU	15, 20, 25, 32, 40, 50
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Fittings

Galvanised Wrought

Specification:

Screwed BSP – BS 143










	Description	Product Code	Nominal Bore (NB)
	Bend M&F	(NB)GWMFBE	8, 10, 15, 20, 25, 32, 40, 50, 65, 80, 100
	Barrel Nipple	(NB)GWBN	6, 8, 10, 15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150
	Elbow F&F	(NB)GWE	6, 8, 10, 15, 20, 25, 32, 40, 50
	Tee	(NB)GWT	6, 10, 15, 20, 25, 32, 40, 50, 65
	Socket	(NB)GWS	6, 8, 10, 15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150
	Plug	(NB)GWPL	8, 10, 15, 20, 25, 32, 40, 50
	Round Flange		
	Table D	(NB)GWTDF	100
	Table E	(NB)GWTEF	15, 20, 25, 32, 40, 50, 65, 80, 100

Fittings

Black Wrought

Specification:

Screwed BSP thread to BS21

Description	Product Code	Nominal Bore (NB)
 Bend M&F	(NB)BWMFBE	8, 10, 15, 20, 25, 32, 40, 50, 65, 80, 100
 Barrel Nipple	(NB)BWBN	6, 8, 10, 15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150
 Elbow F&F	(NB)BWE	6, 8, 10, 15, 20, 25, 32, 40, 50, 65, 80
 Elbow M&F	(NB)BWMFE	8, 10, 15, 20, 25, 32, 40, 50
 Tee	(NB)BWT	8, 10, 15, 20, 25, 32, 40, 50, 65, 80, 100
 Socket	(NB)BWS	6, 8, 10, 15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150
 Reducing Socket	(NB)(NB)BWS	15, 20, 25, 32, 40, 50
 Plug	(NB)BWPL	6, 8, 10, 15, 20, 25, 32, 40, 50, 65, 80, 100
 Table E Flange	(NB)BWTEF	15, 20, 25, 32, 40, 50, 65, 80, 100

Fittings Buttweld

Specification: Welded fittings ASTM A234 WPB, JIS B2311

Description	Product Code	Nominal Bore (NB)
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Cap



Lightweight	(NB)LWC	20, 40, 50, 65, 80, 125, 150
SCH 40	(NB)WC	20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250
SCH 80	(NB)S80WC	25, 32, 40, 50, 65, 80, 100, 125, 150, 200
STD WGT	(NB)WC	300, 350, 400, 450, 500, 600

Concentric Reducer



Lightweight	(NB)(NB)LWCR	20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200
SCH 40	(NB)(NB)WCR	20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300
SCH 80	(NB)(NB)S80WCR	25, 32, 40, 50, 65, 80, 100, 150, 200, 250
STD WGT	(NB)(NB)WCR	300, 350, 400, 450, 500, 600

Eccentric Reducer



Lightweight	(NB)(NB)LWER	20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200
SCH 40	(NB)(NB)WER	20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250
SCH 80	(NB)(NB)S80WER	65, 80, 100, 200
STD WGT	(NB)(NB)WER	300, 350, 400

Elbow 90° Short Radius



Lightweight	(NB)LSWE	32, 40, 50, 65, 80, 100, 125, 150
SCH 40	(NB)SWE	20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250
SCH 80	(NB)S80SWE	25, 32, 40, 50, 65, 80, 100, 150
STD WGT	(NB)WE	300, 350, 400, 450, 500, 600

Elbow 180° Short Radius



SCH 40	(NB)SWE180	25, 32, 40, 50, 65, 80, 100, 125, 150
SCH 80	(NB)S80WE180	40, 50, 100, 150

Elbow 180° Long Radius

SCH 40	(NB)WE180	15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200
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Elbow 90° Long Radius



Lightweight	(NB)LWE	15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250
SCH 40	(NB)WE	25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250
SCH 80	(NB)S80WE	50, 65, 80, 100, 150
SCH XXS	(NB)XXSWE	50, 65, 80, 100, 125, 150
STD WGT	(NB)WE	300, 350, 400, 450, 500, 600

Elbow 45° Long Radius



SCH 40	(NB)WE45	20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250
SCH 80	(NB)S80WE45	20, 25, 32, 40, 50, 65, 80, 150, 200
STD WGT	(NB)WE45	300, 350, 400, 450, 500, 600

Tee



Lightweight	(NB)LWT	15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200
SCH 40	(NB)WT	15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250
SCH 80	(NB)S80WT	15, 20, 25, 32, 40, 50, 65, 80, 100, 150, 200
SCH XXS	(NB)XXSWT	50, 65, 80, 100, 150
STD WGT	(NB)WT	300, 350, 400, 450, 500, 600

Reducing Tee



Lightweight	(NB)(NB)LWT	15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200
SCH 40	(NB)(NB)WT	15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250
SCH 80	(NB)(NB)S80WT	50, 65, 80, 100, 150, 200
STD WGT	(NB)(NB)WT	300, 350, 400, 450, 500

Fittings Flanges

Description	Product Code	Nominal Bore (NB)
Slip On		
ANSI 150lb	(NB)SF	15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300, 350, 400, 450, 500, 600
BS4504 PN 16	(NB)SF16	15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200
BS4504 PN 40	(NB)SF40	25, 32, 40, 50, 65, 80, 100, 150
ANSI 300lb	(NB)SF300	15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300
ANSI 600lb	(NB)SF600	25, 32, 40, 50, 65, 80, 100, 150, 200, 250, 300
AS2129 Table D	(NB)TDSF	100, 150
AS2129 Table E	(NB)TESF	15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300
AS2129 Table F	(NB)TFSF	50, 65, 80, 100, 125, 150
AS2129 Table H	(NB)THSF	15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200
Slip On Plate		
BS4504 PN 6	(NB)SPF6	40, 50, 65, 80, 100, 150, 200, 250, 300
BS4504 PN 10	(NB)SPF10	100, 150, 200, 250, 300
BS4504 PN16	(NB)SPF16	100, 150, 200, 250, 300, 350, 400, 450, 500, 600
AS2129 Table D	(NB)TDPSF	100, 150, 200, 250, 300, 350, 400, 450, 500
AS2129 Table E	(NB)TEPSF	50, 65, 80, 100, 125, 150, 200, 250, 300, 350, 400, 450, 500, 600
Blank		
ANSI 150lb	(NB)BF	15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300, 350, 400, 450, 500, 600
BS4504 PN10	(NB)BF10	200, 250, 300
BS4504 PN16	(NB)BF16	40, 50, 65, 80, 100, 125, 150, 200, 250, 300
ANSI 300lb	(NB)BF300	15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300
ANSI 600lb	(NB)BF600	20, 25, 32, 40, 50, 65, 80, 100, 150, 200, 250, 300
ANSI 900lb	(NB)BF900	25, 40, 50, 80, 100, 150
ANSI 1500lb	(NB)BF1500	50, 80, 100, 150
AS2129 Table E	(NB)TEBF	500, 600
AS2129 Table H	(NB)THBF	50, 65, 80, 100, 150
Weldneck		
ANSI 150lb	(NB)WF	15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300, 350, 400, 450, 500, 600
BS4504 PN16	(NB)WF16	50, 65, 80, 100, 125, 150
ANSI 300lb	(NB)WF300	15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300
ANSI SCH80 150lb	(NB)S80WF	25, 32, 40, 50, 65, 80, 100, 150, 200
ANSI SCH80 300lb	(NB)S80WF300	20, 25, 32, 40, 50, 65, 80, 100, 150, 200, 250, 300, 350
ANSI SCH80 600lb	(NB)S80WF600	25, 32, 40, 50, 65, 80, 100, 150, 200, 250, 300
ANSI SCH80 900lb	(NB)S80WF900	25, 40, 50, 80, 100, 150, 200
ANSI SCH160 150lb	(NB)S160WF	25, 40, 50
ANSI SCH160 900lb	(NB)S160WF900	25, 40, 50, 80, 100, 150, 200
ANSI SCHXXS 600lb	(NB)XXSWF600	50, 80, 100, 150
ANSI SCHXXS 900lb	(NB)XXSWF900	50, 65, 80, 100, 150, 200
ANSI SCHXXS 1500lb	(NB)XXSWF1500	25, 40, 50, 80, 100, 150
Ring Joints		
ANSI SCH80 600lb	(NB)S80RJWF600	80
ANSI SCH160 900lb	(NB)S160RJWF900	40,50,80,100,150
Socket Weld		
ANSI SCH80 150lb	(NB)S80SWF	15, 20, 25, 32, 40, 50
ANSI SCH80 300lb	(NB)S80SWF300	20, 25, 32, 40, 50
NPT Screwed		
ANSI 150lb	(NB)NF	15, 20, 25, 32, 40, 50
ANSI 300lb	(NB)NF300	15, 20, 25, 32, 40, 50
BS4504 PN16 BSP	(NB)SBF16	15, 20, 25, 32, 40, 50

Fittings

High Pressure

Specification:

Socket Weld (3000lb and 6000lb) A105N

	Description	Product Code	Nominal Bore (NB)
	Coupling		
	3000lb Coupling	(NB)HSCP	15, 20, 25, 32, 40, 50, 65, 80
	6000lb Coupling	(NB)HSCP6	15, 20, 25
	Reducing Coupling	(NB)(NB)HSCP	20, 25, 32, 40, 50
	Tee		
	3000lb Tee	(NB)HST	15, 20, 25, 32, 40, 50
	6000lb Tee	(NB)HST6	15, 20, 25, 32, 40, 50
	Reducing Tee	(NB)(NB)HST	25, 40, 50
	90° Elbow		
	3000lb 90° Elbow	(NB)HSE	15, 20, 25, 32, 40, 50
	6000lb 90° Elbow	(NB)HSE6	15, 20, 25, 32, 40, 50
	45° Elbow		
3000lb 45° Elbow	(NB)HSE45	15, 20, 25, 32, 40, 50	
	Cap		
	3000lb Cap	(NB)HSC	15, 20, 25, 32, 40, 50
	3000lb Cap NPT	(NB)HNC	15, 20, 25
	6000lb Cap NPT	(NB)HNC6	25
	Insert	(NB)(NB)HSI	20, 25, 32, 40, 50
	Union		
	3000lb Union	(NB)HSU	15, 20, 25, 32, 40, 50
	6000lb Union	(NB)HSU6	15, 20, 32, 40, 50
	3000lb Union NPT	(NB)HNU	15, 20, 25, 32, 40, 50
	3000lb Union BSP	(NB)HBU	15, 20, 25, 32, 40, 50

Fittings

High Pressure

Specification:

Outlets 3000lb and 6000lb and Swage Nipples

	Description	Product Code	Nominal Bore (NB)
	Socket		
	3000lb Socket	(NB)HSL	15, 20, 25, 32, 40, 50
	6000lb Socket	(NB)HSL6	15, 20, 25, 32, 40, 50
	Threadolet NPT		
	3000lb Threadolet NPT	(NB)HNTL	8, 10, 15, 20, 25, 32, 40, 50
	6000lb Threadolet NPT	(NB)HNTL6	15, 20, 25, 32, 40, 50
	SCH40 Weldolet	(NB)HWL	15, 20, 25, 32, 40, 50, 65, 80, 100, 150, 200
	SCH80 Weldolet	(NB)S80HWL	15, 20, 25, 32, 40, 50
	SCHXXS Weldolet	(NB)XXSHWL	32, 40, 50
	Latrolet NPT	(NB)HNLL	32, 40, 50
	Elbowlet NPT	(NB)HNEL	15, 20, 25, 32, 40, 50
	SCHXXS Elbowlet	(NB)XXSHEL	25, 32, 40, 50
	SCH80 Swage Nipple	(NB)(NB)S80CSN	20, 25, 32, 40, 50, 80
	SCH160 Swage Nipple	(NB)(NB)S160CSN	20, 25, 40, 50
	SCH80 Eccentric Swage Nipple	(NB)(NB)S80ESN	20, 25, 40, 50
	SCH160 Eccentric Swage Nipple	(NB)(NB)S160ESN	20, 25, 40, 50

Fittings

High Pressure

Specification:

Screwed Black (3000lb and 6000lb) A105N, threaded in both NPT and BSP

Description	Product Code	Nominal Bore (NB)
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Coupling

3000LB Coupling NPT	(NB)HNCP	8, 10, 15, 20, 25, 32, 40, 50, 65
6000lb Coupling NPT	(NB)HNCP6	15, 20, 25
Reducing Coupling NPT	(NB)(NB)HNCP	20, 25, 32, 40, 50
3000LB Coupling BSP	(NB)HBCP	8, 10, 15, 20, 25, 32, 40, 50



Tee

3000lb Tee NPT	(NB)HNT	8, 10, 15, 20, 25, 32, 40, 50
6000lb Tee NPT	(NB)HNT6	15, 20, 25, 32, 40, 50
3000lb Tee BSP	(NB)BHBT	8, 10, 15, 20, 25, 32, 40, 50



90° Elbow

3000lb 90° Elbow NPT	(NB)HNE	8, 10, 15, 20, 25, 32, 40, 50
6000lb 90° Elbow NPT	(NB)HNE6	15, 20, 25, 32, 40, 50
3000lb 90° Elbow BSP	(NB)HBE	8, 10, 15, 20, 25, 32, 40, 50



45° Elbow

3000lb 45° Elbow NPT	(NB)HNE45	15, 20, 25, 32, 40, 50
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Plug 3000lb & 6000lb

Plug NPT	(NB)HNPL	8, 10, 15, 20, 25, 32, 40, 50
Plug BSP	(NB)HBPL	8, 10, 15, 20, 25, 32, 40, 50



Union

3000lb Union NPT	(NB)HNU	8, 10, 15, 20, 25, 32, 40, 50
6000lb Union NPT	(NB)HNU6	15, 20, 25
3000lb Union BSP	(NB)HBU	8, 10, 15, 20, 25, 32, 40, 50
3000lb Union Socket Weld	(NB)HSU	15, 20, 25, 32, 40, 50

Fittings

High Pressure

Specification:

Screwed Black (3000lb and 6000lb) A105N, threaded in both NPT and BSP



Description	Product code	Nominal Bore (NB)
Reducing Bush 3000lb & 6000lb		
Reducing Bush NPT	(NB)(NB)HNB	10, 15, 20, 25, 32, 40, 50
Reducing Bush BSP	(NB)(NB)HBB	10, 15, 20, 25, 32, 40, 50



Description	Product code	Nominal Bore (NB)
M/F Elbow		
M/F Elbow NPT	(NB)HNEMF	15, 20, 25, 32, 40, 50



Description	Product code	Nominal Bore (NB)
Hex Nipple		
3000lb Hex Nipple NPT	(NB)HNHN	8, 10, 15, 20, 25, 32, 40, 50
6000lb Hex Nipple NPT	(NB)HNHN6	15, 20, 25
Reducing Hex Nipple NPT	(NB)(NB)HNHN	20, 25
3000lb Hex Nipple BSP	(NB)HBHN	15, 20, 25, 32, 40, 50



Description	Product code	Nominal Bore (NB)
Cap		
3000lb Cap NPT	(NB)HNC	15, 20, 25, 32, 40, 50



Barrel Nipple

All schedules, diameter 8–50mm are available:

- Plain – One End (POE) or Both Ends (PBE)
- NPT or BSP Threaded – One End (TOE) or Both Ends (TBE)

The following are standard stock sizes:

SCH80	75mm NPT & BE	(NB)S80HNB	8, 10, 15, 20, 25, 32, 40, 50
SCH80	100mm PBE	(NB)S80HPBN	15, 20, 25
SCH80	125mm NPT TOE	(NB)S80TOEHNBN	15, 20, 25
SCH160	100mm PBE	(NB)S160HPBN	15, 20, 25
SCH160	125mm NPT TOE	(NB)S160TOEHNBN	15, 20, 25
SCHXXS	125mm NPT TOE	(NB)XXSTOEHNBN	15, 20, 25

Fittings

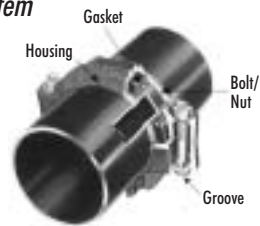
Victaulic: Grooved System

≡ = HEVAC

● = Fire Sprinkler

Victaulic Roll Grooved Piping System

- versatile
- economical
- reliable
- easy to install.



Type	Product Code	Nominal Bore	Type	Product Code	Nominal Bore
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Flexible Coupling

Style 75 Painted (NB)VCP 25–200NB



Style 75 Galvanised (NB)GVCP 25–600NB



Zero Flex Coupling — to 750 PSI

Style 07 (NB)ZVCP 40–600NB



Firelock Coupling — to 175 PSI

Style 005 Painted (NB)FVCP 32–200NB



Firelock 90° Elbow

Style 001 Painted (NB)VE 50–150NB
 Galvanised (NB)GVE 50–150NB



Firelock 45° Elbow

Style 02 (NB)VE45 40–150NB
 Galvanised (NB)GVE45 40–150NB



90° Elbow

Style 10 Painted (NB)VE10 25–250NB



45° Elbow

Style 11 (NB)VE4511 50–250NB



Toggle Coupling

Available on request from your local Steel & Tube branch.

Style 78 Painted (NB)TVCP 50–100NB












Note: Listed items are stock items only. Other items and sizes are available from Victaulic.

Fittings Victaulic

≡ = HEVAC

● = Fire Sprinkler

Type	Product Code	Nominal Bore	
Reducing Coupling			
Style 750 Painted ≡ ●	(NB)(NB)VCP	50–150NB	
Flange			
Style 741 Drilled BS10 TE & ANSI 150 ≡ ●	(NB)VTEF (NB)AVFA	50–200NB 50–200NB	
Caps			
Style 60 ≡ ●	(NB)VC	50–200NB	
Mechanical Tees			
Style 921 ≡ ●	(NB)(NB)VMT	50–100NB	
Style 920 ≡ ●	(NB)(NB)VMT	50–200NB	
Style 925 ≡ ●	(NB)(NB)VMT	32-15 – 50-25NB	
Concentric Reducer			Eccentric Reducer
Style 50 ≡ ●	(NB)(NB)VCR	40–600 NB	Style 51 ≡ ●
			(NB)(NB)VER 65-50 – 200-150NB 
Tees			
Style 20 ≡	(NB)VT	25–250NB	
Style 002 ●	(NB)GVT	50–150NB	
Adapter Nipples			
Style 40 ≡ ●	(NB)GPA	50–150NB	Style 42 ≡ ●
			(NB)GTA 25–150NB 

Victaulic: Suction Diffuser — Tee Type Strainer — Gaskets

†† = HEVAC

● = Fire Sprinkler

Suction Diffuser 731 series (300psi)

- Provides optimum flow conditions at pump inlet.
- Includes removable strainer and fine mesh pump start up strainer.
- 1¼" pipe support boss to aid alignment.
- ¼" tapping on each side for pressure measurement.
- Plug provided for ease of system drainage.



Pump Side (mm)	System Side (mm)	Product Code
80–200	100–200	VSD

Product Code (size) VSD



Tee Type Strainer 730 series

- 5 to 6 times lighter than flanged "Y" strainer.
- Low pressure drop with straight through flow.
- Durable 340 stainless steel screen.
- Suitable for pressures to 750 psi.



Sizes (mm)	Product Code
100, 150, 200	VS

Product Code (size) VS



Tee Type Strainer 732 series

- 5 to 6 times lighter than flanged "Y" strainer.
- Low pressure drop with straight through flow.
- Durable 340 stainless steel screen.
- Suitable for pressures to 750 psi.



Sizes (mm)	Product Code
150	VYS

Product Code (size) VYS



Gaskets

Style 77/75/07 stock items available.

EPDM Grade E

Sizes (mm)	Product Code
40–300	VG

Product Code (size) VG

Nitrile Grade T

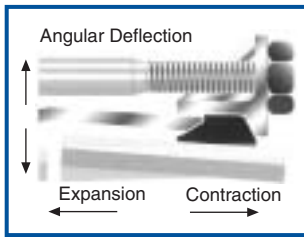
Sizes (mm)	Product Code
40–300	NVG

Product Code (size) NVG



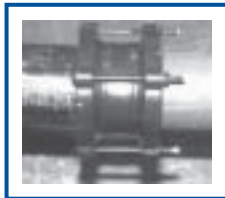
Fittings

Viking Johnson



Viking Johnson Couplings simplify the design and installation of pipework systems through:

- installation on plain ended pipe
- expansion and contraction, reducing the need for supplementary joints or bellows
- angular deflection — reduces stress and eliminates the need for specialised fittings to accommodate bends
- suitability to all pipe material
- reliability — designed to last the life of the pipe
- each joint being a union — allows future pipeline extensions and modifications.



Viking Johnson Couplings comprise:

- a centre sleeve
- two end rings
- wedge shaped synthetic rubber gaskets
- bolts, washers and nuts.

As the bolts are tightened, the end rings are drawn together, compressing the gasket onto the pipe surface, forming an effective permanent leak tight joint.

MAXIFIT™



MaxiFit

Nominal Bore	Range	Product Code
50	59.5 – 72.20D	50MCPGJ
65	72.2 – 850D	65MCPGJ
80	88.1 – 102.40D	80MCPGJ
100	107.2 – 127.80D	100MCPGJ
125	138.9 – 153.20D	125MCPGJ
150	158.2 – 181.60D	150MCPGJ
175	192.9 – 209.00D	175MCPGJ
200	218.1 – 235.00D	200MCPGJ
200	230 – 2470D	200MCPGJL
225	250 – 2670D	225MCPGJ
250	272 – 2890D	250MCPGJ
300	332 – 349.40D	300MCPGJ
300	315 – 3320D	300MCPGJS
300		300MCPGJM

Couplings featuring the ribbed 'Side Easy' gasket which:

- reduces installation friction
- provides maximum sealing pressure
- suits various pipe materials.

MAXIDAPTOR™



MaxiDaptor (Flange Adaptor)

Nominal Bore	Range	Table Flange	Product Code
100	107.2 – 127.8	D, E, PN10, PN16	100MFA
150	158.2 – 181.6		150MFA
200	218.1 – 235.0	BS 4504/PN16	200MFA
225	250.0 – 267.0		225MFA
250	272.0 – 289.0		250MFA
300	332.0 – 349.0		300MFA

Flange adaptors designed to join pipes of various materials and outside diameter to flanges of the same or different nominal bores.

MAXISTOP™



MaxiStop

Nominal Bore	Range	Product Code
80	88.1 – 102.4	80VJMS
100	107.2 – 127.8	100VJMS
150	158.2 – 181.6	150VJMS
200	218.1 – 235.0	200VJMS

MaxiStop is a Universal End Cap suitable for blanking off pipe ends or providing threaded off tasks to existing pipework.



EasiTap

A range of tapping clamps that provide a quick, cost effective method of installing or replacing service pipe connections, whilst under operating pressure. EasiTap can be used with standard drilling equipment.



NB	Range	Product Code
100	115–125	10050VET
150	166–181	15050VET
200	230–245	20050VET



EasiClamp

A range of high strength repair clamps that combat leakage in water distribution pipelines.



NB	Range	Product Code
100	115–125	100VEC
150	166-181	150VEC
200	230-245	200VEC

Riken Couplings and Mechanical Joints

- Easy connection.
- Total utilisation of pipe strength.
- High resistance to expansion, contraction, vibration and deflection.
- Easy connection with pipes of dissimilar materials.
- Excellent reliability.

Riken adapter



Nominal Bore (NB)	15, 20, 25, 32, 40, 50
Product Code	(NB)RA

Riken compression



Nominal Bore (NB)	15, 20, 25, 32, 40, 50
Product Code	(NB)RCP

Riken grip ring compression coupling



Nominal Bore (NB)	15, 20, 25, 32, 40, 50
Product Code	(NB)RGRCP

Riken compression tee with BSP threaded outlet

Nominal Bore (NB)	15, 20, 25, 32, 40, 50
Product Code	(NB)ROT

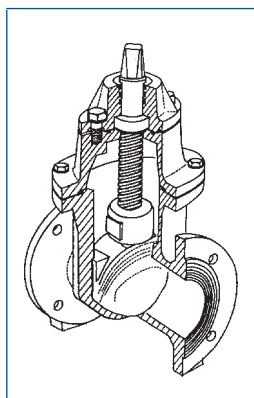
Riken compression tee

Nominal Bore (NB)	15, 20, 25, 32, 40, 50
Product Code	(NB)RT

Blakeborough Sluice Valves

Note: The valves are supplied with an end cap. If you require a hand wheel, please specify when ordering.

New Sofface 'SF' series



Proven for over 20 years in UK and Europe

Manufactured to BS 5163: 1986. Maximum working pressure 16 bar. Body test pressure 24 bar. Maximum service temperature 70°. High tensile bronze stem. Nitrile 'O' ring seals. Injection moulded nitrile rubber faced wedge. Drip tight.

End connections

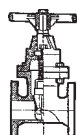
Plain spigot end or flanged faced to

- BS 4504: 1969
- PN16
- Standard drilling BS 10: 1962
- Table D.

Other drillings available.

Nominal Bore	Approximate Weight with Stemcap
50	16
80	25
100	35
150	62
200	105
250	160
300	210

Valve Types

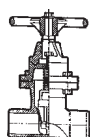


Double Flanged

Figure 8000

50–300NB

Product Code: (NB)TDSV

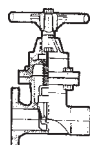


Spigot Ends

Figure 8010

50–300NB

Product Code: (NB)PESV

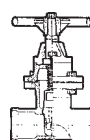


Composite Ends

Figure 8020

100–300NB

Product Code: (NB)CSV



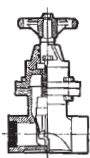
Socket – PVC

Figure 8030

100, 150, 200NB

Product Code: (NB)PVCSV

Note: Socket –DI details available on request



Screwed – 2" BSPT

Figure 8040

50NB

Product Code: 50SESV

Blakeborough Hydrants/Reflux 'Check' Valve

Squat pattern 29.5kg

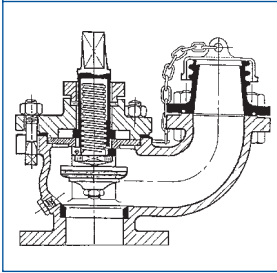


Figure 2695

Squat hydrant for connection to hydrant risers or fittings with a hydrant branch.
All Blakeborough hydrants are tested to 24 bar.

Nylon code: PSQUHYD

Bituminous Code: SQUHYD

Medium pattern 29.5kg

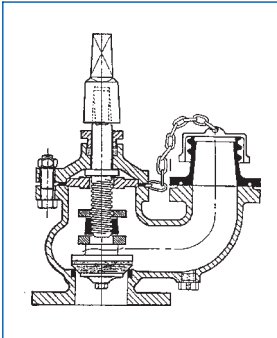


Figure M2673

Medium hydrant for connection to hydrant risers or fittings with a hydrant branch.
Flange slotted to take 16mm bolts on 146mm to 165mm PCD (3" to 3 1/2" Table D).

Nylon code: PMEDHYD

Bituminous Code: MEDHYD

Tall pattern 36kg

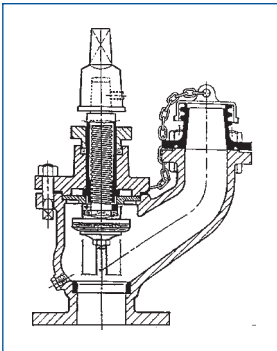


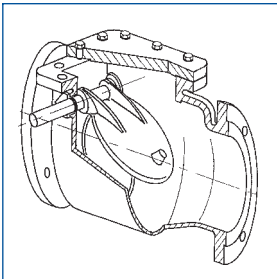
Figure 2686

Complies fully with BS and NZSS 11.
(Polyurethane/Polyester) stopper seal.

Nylon code: PTALHYD

Bituminous Code: TALHYD

Gillies Reflux (Swing Check) Valve



Fitted with gunmetal flap or 200NB and over with gunmetal seat ring.
Tested for 10 bar operation.

Standard flange to BS 10: Table E. Complies with BS 5090.

Options include: Higher pressure rating, zinc free, external lever, counterweight.

Lever Product Code	Approximate Weights	
	Bore	Kg
100RVLO	100	49
150RVLO	150	84
200RVLO	200	127

Note: Free acting bare reflux valves are also available.

Gillies Air Relief Valves

Single Air Relief Valves – Large Orifice 13kg

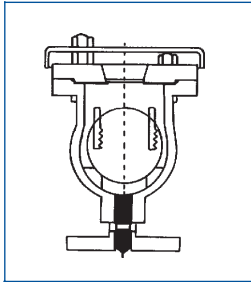


Figure 34042L – Large orifice with 1" BSPT female inlet

Figure 34042LF – Large orifice with flanged inlet

Figure 34042LA – Large orifice with 1" BSPT ball valve, isolating cock and screwed inlet

Figure 34042LAF – Large orifice with ball valve, isolating cock and flanged inlet

Note: Ordered as required only.

Single Air Relief Valves – Small Orifice 13kg

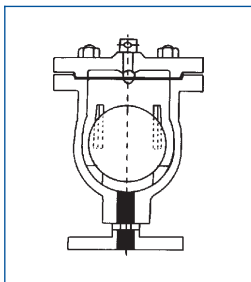


Figure 34042S – Small orifice with 1" BSPT female inlet

Figure 34042SF – Small orifice with flanged inlet

Figure 34042SA – Small orifice with 1" BSPT ball valve, isolating valve and screwed inlet

Figure 34042SAF – Small orifice with ball valve, isolating valve and flanged inlet

Note: Ordered as required only.

Double Air Valves 49kg & 128kg

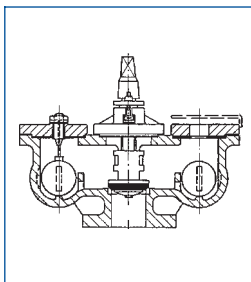


Figure 34042D

Sizes 80mm and 150mm

Single air valves are supplied with 1" BSPT inlets

Single air valve options include:

- isolating cock and flanged inlet
- double air valve normal drilling to BS 10: Table D
- other drilling available.

Note: Ordered as required only.

Sewage Gas Air Relief Valve 120kg

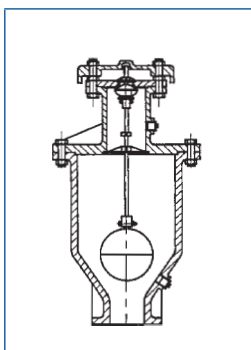


Figure 68084

80mm, 10 bar rating

The valve is designed to release accumulated air and gas under high or low pressure in charging, pumping or emptying operations.

Valves are supplied flanged and faced to BS 4504:1989; PN16 Type B.

Note: Ordered as required only.

VENT-O-MAT® Air Release Valves

The VENT-O-MAT® Air Release Valves offer the following features:

- Anti-Shock – Anti-Surge — a mechanism that operates automatically to prevent pipeline damage from high velocity air discharge upon valve closure, and dramatically reduces surge and water hammer.
- Performance.
- Quality.
- Serviceability — ease of service and maintenance, components are in corrosion free materials.
- Vacuum break — the large orifice diameters equal the nominal size of the valve.
- Compact — robust, lightweight, compact, offering handling, transport and installation advantages.

For further information on these valves, please contact your local Steel & Tube branch.

Series RC Air Release and Vacuum Break Valves



For small reticulation and irrigation systems.
Cast iron epoxy powder coated.

Models: 025 RC 1610 – Single Small Orifice Air Release
025 RC 2510 – Single Small Orifice Air Release
050 RC 2511 – Double Orifice Air Release & Vacuum Breaker

Series RBX Anti-Shock Water Air Release and Vacuum Break Valves



Double acting air valve.
Specification: Internal steel components – 316 stainless.
External steel components – 304 stainless.

Models: 025 RBX 2511
050 RBX 2511
080 RBX 1601
100 RBX 1601
150 RBX 1601
200 RBX 1601

Note: Available in 250 and 300mm and in 16–64 bar pressure rating.

Series RGX Anti-Surge Sewage Air Release and Vacuum Break Valves



Specification: 316 stainless.

Models: 050 RGX 1011
080 RGX 1001
100 RGX 1001
150 RGX 1001
200 RGX 1001

Note: Available in 5–25 bar working pressure.

Victaulic: Butterfly/Ball/Check

HEVAC = † Fire Sprinkler = ●

Butterfly Valve 300 series (300psi)



Size (mm)
 50, 65, 80, 100, 125, 150, 200, 250, 300
 † ●

Product Code
 (size) VBUV

- EPDM rubber coated dual-seal bubble tight disc.
- PPS body coating with excellent coating characteristic.
- Ductile iron disc with integral drive hub.
- Ductile iron body and bronze bearings.

Options:

- Two position handle – 50-80(mm).
- Lever lock variable handle – 50-300(mm).
- Gear operated, manual, electric, pneumatic – 50-300(mm).

Ball Valve 727 series UL/ULC/FM (300psi)



Size (mm)
 50
 ●

Product Code
 (size) VBUV727S

- Painted ductile iron valve body and end cap.
- 316 stainless steel ball and stainless steel stem.
- Corrosion free VTFE seats.
- Exceed UL Spec. 1091 and FM std 1112.

Options:

- Supervised open. Double pole/double throw switch.
- Switch monitoring closed position.

Supervised Ball Valve 708W & 705W series



Size (mm)
 65, 80, 100, 150, 200
 ●

Product Code 708W
 (size) VBUV708W

Product Code 705W
 (size) VBUV705W

Vic 300 Gear Operated



Size (mm)
 50-200
 † ●

Product Code
 (size) GOVBUV

Butterfly Valve Series 10



Size (mm)
 65, 80, 100, 150
 † ●

Product Code
 (size) LVBVU

Check Valve style 717



Size (mm)
 100, 125, 150, 200, 250, 300
 ●

Product Code
 (size) VCV

- A series of specifications for water/oil service and with UL/ULC listing and FM approval for fire protection.
- Non slamming, spring loaded dual disc.
- Leak free sealing at under 2½ psi.
- Vertical or horizontal installation.
- Aluminium, bronze or stainless steel discs.
- Pressure ratings from 250 to 400psi.

Note: Style 716 is also available.

Brass Gate/Ball Valves

Forged Brass Gate Valve

BSP thread; Female/Female; 150 psi; 15–65mm

Product Code: (mm) GV

Also available:

Forged Bronze Gate Valve

BS21; Female/Female;

BS 5154; PN16

15–50mm

Product Code: (mm)BGV



Chrome Plated Brass Ball Valve

BSP Thread; Female/Female, Male/Female; Full flow; PTFE seats & seals; Temperature 180°; 400 psi rating at 60°; 10–50mm

Product Code:

- 10–100mm BV
- 15mm BVL
- 10–50mm TBV



T Handle Chrome Plated Brass Ball Valves

BSP Thread; Female/Female; Full flow; PTFE seats & seals; Temperature 180°; 400 psi rating at 60°; 15–50mm;

'T' Bar handle

Product Code:

- 8–25mm BVT
- 10–25mm BVTMF



Three Way L Port Plated Brass Ball Valves

BSP Thread; Female/Female; PTFE seats & seals; Temperature 180°; 200 psi rating at 60°; 15–50mm; 'L' Port.

Product Code: 15–50mm LPBV



Three Way Ball Valve T Port

BSP Thread; Female/Female; PTFE seats & seals; Temperature 180°; 200 psi rating at 60°; 15–50mm; 'T' Port.

Product Code: 15–50mm TPBV



Three Piece Stainless Steel Ball Valves

316 Stainless steel ball; PTFE seats & seals; BSP Thread; Female/Female; Temperature 180°; 1000 psi rating at 80°; 15–50mm.

Product Code:

- 15–50mm CSBV
- 15–50mm SBV



Pipe Support Systems

Kee Klamp Pipe Fittings




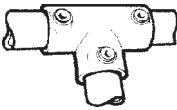

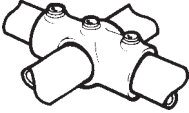
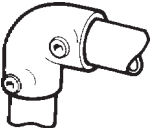

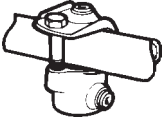
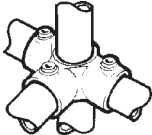
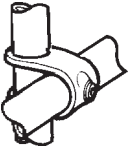
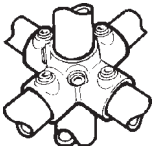

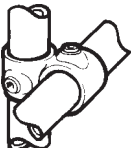

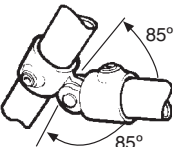
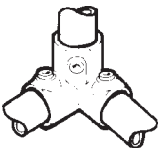
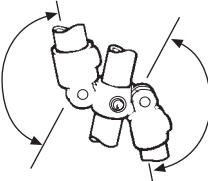
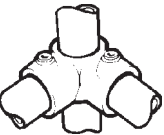

www.keeklamp.com



Specification:

BS EN 1562 1997, BS 729 1971 Tested by TÜV Product Service GMBH to DIN standards.

Note: Nominal Pipe Bore (NB) sizes are mm.
Product Code = Type Code (e.g. 10-4)

 <p>Type 10 10-4 10-5 10-6 10-7 10-8 10-9 15NB 20NB 25NB 32NB 40NB 50NB</p>	 <p>Type 25 25-5 25-6 25-7 25-8 25-9 20NB 25NB 32NB 40NB 50NB</p>
 <p>Type 14 14-4 14-5 14-6 14-7 14-8 14-9 15NB 20NB 25NB 32NB 40NB 50NB</p>	 <p>Type 26 26-5 26-6 26-7 26-8 26-9 20NB 25NB 32NB 40NB 50NB</p>
 <p>Type 15 15-4 15-5 15-6 15-7 15-8 15-9 15NB 20NB 25NB 32NB 40NB 50NB</p>	 <p>Type 27 27-7 32NB</p>
 <p>Type 16 16-5 20NB</p>	 <p>Type 35 35-5 35-6 35-7 35-8 35-9 20NB 25NB 32NB 40NB 50NB</p>
 <p>Type 17 17-7 32NB</p>	 <p>Type 40 40-5 40-6 40-7 40-8 40-9 20NB 25NB 32NB 40NB 50NB</p>
 <p>Type 18 18-7 18-8 32NB 40NB</p>	 <p>Type 45 45-4 45-5 45-6 45-7 45-8 45-9 45-76* 15NB 20NB 25NB 32NB 40NB 50NB *(32 x 25NB)</p>
 <p>Type 19 19-7 19-8 32NB 40NB 90°-180°</p>	 <p>Type C50 C50-55 C50-66 C50-77 C50-88 C50-99 20NB 25NB 32NB 40NB 50NB 85°</p>
 <p>Type 20 20-4 20-5 20-6 20-7 20-8 20-9 15NB 20NB 25NB 32NB 40NB 50NB</p>	 <p>Type C51 C51-555 20NB</p>
 <p>Type 21 21-5 21-6 21-7 21-8 21-9 20NB 25NB 32NB 40NB 50NB</p>	 <p>Type F50 F50-6 F50-7 F50-8 25NB 32NB 40NB</p>

Pipe Support Systems

Kee Klamp Pipe Fittings



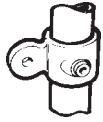
www.keeklamp.com

Note: Nominal Pipe Bore (NB) sizes are mm.
Product Code = Type Code (e.g. 10-4)

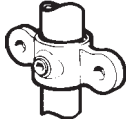
- TÜV product approval.
- Easy to assemble.
- No welding or threading.
- Strong malleable iron.
- Hot dip galvanised.
- Save on labour costs.

Applications:

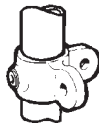
- safety railing
- storage racking
- furniture
- garment racks
- playground equipment
- display frameworks
- greenhouse/eco-shelters
- animal cages.



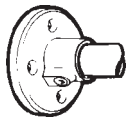
Type M50
M50-6 M50-7 M50-8
25NB 32NB 40NB



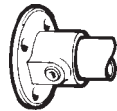
Type M51
M51-5 M51-6 M51-7 M51-8
20NB 25NB 32NB 40NB



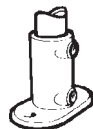
Type M52
M52-6 M52-7
25NB 32NB



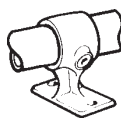
Type 60
60-5
20NB



Type 61
61-4 61-5 61-6 61-7 61-8 61-9
15NB 20NB 25NB 32NB 40NB 50NB



Type 62
62-6 62-7 62-8
25NB 32NB 40NB



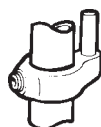
Type 70
70-5 70-6 70-7 70-8
20NB 25NB 32NB 40NB



Type 77
77-5 77-6 77-7 77-8 77-9
20NB 25NB 32NB 40NB 50NB



Type 78
78-5 78-6 78-7 78-8
20NB 25NB 32NB 40NB



Type 83
83-5 83-6 83-7 83-8
20NB 25NB 32NB 40NB



Type 97
97-7
3/8" BSP

Pipe Support Systems

Elgate



Note: Suitable for fencing use – galvanised finish

When ordering the fitting please use the product code listed below. Codes shown are stock lines. Others are available on request.



Tee Butt (mm)	Nominal Bore							
	15	20	25	32	40	50	65	80
15	15ET							
20		20ET	2520ET					
25		2025ET	25ET	3225ET	4025ET	5025ET		
32			2532ET	32ET	4032ET	5032ET		8032ET
40			2540ET	3240ET	40ET	5040ET		8040ET
50				3250ET	4050ET	50ET	6550ET	8050ET



Crosses (mm)	Nominal Bore							
	15	20	25	32	40	50	65	80
15	15EX							
20		20EX						
25			25EX					
32			2532EX	32EX	4032EX			
40					40EX	5040EX		
50						50EX	6550EX	



Corners (mm)	Nominal Bore							
	15	20	25	32	40	50	65	80
15	15ECO							
20		20ECO						
25			25ECO	3225ECO				
32				32ECO	4032ECO	5032ECO		
40					40ECO	5040ECO		



Description (mm)	Nominal Bore									
	15	20	25	32	40	50	65	80	100	150
Round Caps		20EC	25EC	32EC	40EC	50EC	65EC	80EC	100EC	150EC
OPF Pipe Flanges		20EF	25EF	32EF	40EF	50EF				
Square Caps (RHS/ DuraGal®)					40ESC	50ESC	65ESC	75ESC	100ESC	
Round Plastic Caps					*40EPC	50EPC				

* Product size unavailable from Elgate. Sourced from an alternative supplier.

Note: Square plastic caps 50 × 50mm are available on request.

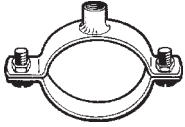


45° Angle Tee
50mm × 32mm
5032EAT

Pipe Support Systems

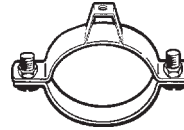
Pipe Clamps

Pipe Hangers



Nominal Bore (mm)	Weight (kg)	Product Code
15	0.03	15GWPH
20	0.03	20GWPH
25	0.04	25GWPH
32	0.05	32GWPH
40	0.06	40GWPH
50	0.08	50GWPH
65	0.21	65GWPH
80	0.22	80GWPH
100	0.24	100GWPH
150	0.44	150GWPH

Pipe Clamps – With Yoke



Product Code:
L = Light
M = Medium

Nominal Bore (mm)	Weight (kg)	Product Code (NB)G(L)(M)CY
25	0.20	25GLCY
32	0.21	32GLCY
40	0.21	40GLCY
50	0.44	50GMCY
65	1.16	65GMCY
80	1.24	80GMCY
100	1.36	100GMCY

Pipe Saddles



Nominal Bore (mm)	Weight (kg)	Product Code
20	0.02	20GWPS
25	0.02	25GWPS
32	0.03	32GWPS
40	0.04	40GWPS
50	0.05	50GWPS
65	0.06	65GWPS
80	0.05	80GWPS
100	0.06	100GWPS

Base Plates



Size (mm)	Weight (kg)	Product Code
M10 17 × 2	0.05	GWBP
M12 22 × 3	0.05	12GWBP

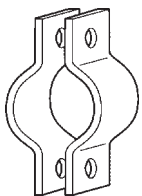
U-Bolts



Sizes for 15–150mm Nominal Bore Pipe available.

Product Code: (NB) GUB.

Pipe Clamps – Two piece



Product Code:
L = Light
M = Medium

Nominal Bore (mm)	Weight (kg)	Product Code (NB)G(L)(M)C
15	0.11	15GLC
20	0.11	20GLC
25	0.13	25GLC
32	0.15	32GLC
40	0.15	40GLC
50	0.15	50GLC
65	0.84	65GMC
80	1.02	80GMC
100	1.17	100GMC
125	1.31	125GMC
150	1.46	150GMC



Bolts & Nuts

Metric cup head
Metric fine bolts & nuts
Engineers hexagon head
High tensile UNC/UNF
High tensile metric
HSFG structural
Rag bolts
High tensile metric fine
Purlin bolts
Galv. Assembled bolts & nuts/washer
Gutter bolts

Screws

Hexagon set screws
Coach screws
Set screws
High tensile metric fine set screws
Deck screws
Surefast screws (Pozi, square drive)

Nuts

Forged standard
Metric
UNC/UNF
Nyloc
Wing
Locknuts UNC/UNF & metric
Dome
Flange
Metric Fine
Pressed

Washers

Hardened & tempered
Taper
Load indicator
Square
Spring & fender
Light and heavy
Structural



Threaded Rod

Metric & imperial
High tensile
Black, zinc, HDG finish
B7 Stud bar

Coronet Load Indicators

Masonry anchors
Dyna bolts
Sleeve anchors
Wedge anchors
Chemical anchors
Tru bolts
Chemset – capsule & stud

Stainless Fastenings

Your local Steel & Tube branch is able to source a comprehensive range of both 304 and 316 grade fastenings.

Non Standard Fastenings

Non standard bolts in both mild steel and high tensile can be manufactured to your size requirements.

Bolt Thread Length

High Tensile Hexagon Bolts

D = Nominal Diameter

Nominal Length of Thread	T Length of Thread
Up to and including 125mm	2D + 6mm
Over 125 mm up to and including 150mm	2D + 12mm



Mild Steel Hexagon Bolts

D = Nominal Diameter

Bolt Length of Thread	T Length of Thread
Up to 125mm	2D + 6mm
Over 125mm up 200mm	2D + 12mm
Over 200mm	2D + 25mm

Metric Cup Head Bolts

Length of thread with tolerances



Nominal Diameter	Thread Length 'B'	
	Up to and including 150mm long	Over 150mm long
M6	38.0; 40.0	90.0; 92.0
M8	38.0; 40.5	90.0; 92.5
M10	38.0; 41.0	90.0; 93.0
M12	38.0; 41.5	90.0; 93.5
M16	50.0; 54.0	90.0; 94.0
M20	58.0; 63.0	90.0; 95.0

Fastening Supplies

Fastening Supplies is a national network of dedicated fastening stockists forming a specialist fastening division within the Steel & Tube group of companies.

Fastening Supplies can cater for all jobs in supplying a full range of products from the smallest application through to large construction projects.

We concentrate on providing these diverse and specialised products, for example:

- Bolts
 - Carriage
 - Engineers
 - High tensile
 - Structural
- Nuts
 - Hot forged
 - Cold formed
 - Nyloc
 - Conelock
- Screws
 - Mild steel high tensile
 - Stainless steel
 - Square head
 - Coach
- Furniture Fasteners
 - Joint connector bolt
 - Cross dowel
 - Hanger bolt
 - Insert nuts
- Washers
 - Heavy
 - Light
 - Spring
 - Square
 - Tapered
- Pins
 - Cotter
 - Tension
 - Dowel
- Nails
 - Roofing
 - Boat
 - Concrete
- Rivets
 - Open
 - Grooved
 - Sealed
 - Rivet tools
- Drills
 - Jobber
 - Stub
 - Panel
 - Masonry
- Hand tools
 - Hammers
 - Rivet tools
 - Knives
 - Files
- Masonry Fasteners
 - Sleeve anchors
 - Thru-bolts
 - Nylon anchors
 - Chemical anchors
- Security Screws
- Hardie Panel Fixings



Branches

Head Office

Private Box 30-543
15-17 Kings Crescent
Lower Hutt
Tel: 0-4-570 5031
Fax: 0-4-570 0484

North Shore

PO Box 22-582
4 Goldfield
Glenfield
Tel: 0-9-441 4020
Fax: 0-9-441 4022

Auckland

PO Box 22-582
523 Mt. Wellington Highway
Mt. Wellington
Tel: 0-9-573 0010
Fax: 0-9-573 0009

Wellington

PO Box 38-582
18 Bridge Street
Lower Hutt
Tel: 0-4-569 3654
Fax: 0-4-566 4774

Christchurch

PO Box 1359
112 Carlyle Street
Christchurch
Tel: 0-3-366 7109
Fax: 0-3-379 3369

Nuts • Bolts • Screws

PO Box 2660
9 Iversen Terrace
Christchurch
Tel: 0-3-379 2742
Fax: 0-3-366 6261

Dunedin

PO Box 2100
Cnr Otaki & Turakina Streets
Dunedin
Tel: 0-3-455 5004
Fax: 0-3-455 1250

Freephone: 0800 4 26587 Freefax: 0800 4 72739

Chain & Rigging Products

Chain

Steel & Tube carry an extensive range of chain ex-stock:

- PWB Gd80 Lifting chains
- PWB Hi-lite transport chain
- Mild steel – galvanised, self-colour, short, medium and long link.

Usual stock diameters range from 3mm–24mm, with other sizes available on indent.



Lifting Gear

Chain Slings • Web & Round Slings • Chain Blocks • Rated Bow/Dee Shackles • Plate Clamps • Lever Hoists • Eye Bolts



Transport Gear

Webbing Tiedowns • Transport Chain & Fittings • Slip Hooks • Grab Hooks • Claw Hooks • Lug Links



Rigging Hardware

Wire Rope • Turnbuckles • Rigging Screws • Rope Grips • Thimbles • Dee/Bow Shackles



Note: For more detailed information regarding any Chain & Rigging Products, please contact your local Steel & Tube branch.

Industrial supplies

The following are general industrial products sold at selected Steel & Tube branches. Other products are available, please enquire at your local branch.



- Grinding disks
- Cup brushes
- Scratch brushes
- Gloves
- Engineers chalk
- Cutter wheels
- Pipe wrenches
- Pallet feet
- Hemp rolls
- Drill sets
- Cut off wheels
- Hole saws
- Ceelon PTFE tape
- Pipe formers
- Pipe cutters
- G clamps.



Welding products

Other welding products are available at selected branches, please enquire at your local Steel & Tube branch.

- MIG wire
- Chipping hammers
- Electrodes
- Welding gloves.



Paint

Description	Product Code
-------------	--------------


Quik Prime (4, 20 litres)

Red Oxide	(litre)4RQP
Grey Green	(litre)GGQP


PA 10 (1, 4, 20 litres)

Black	(litre)PA10BP
Grey	(litre)PA10GP
Red	(litre)PA10P
Thinners	(litre)PA10TH


Res-Q-Steel

Res-Q-Steel 250gms	250IRP
Res-Q-Steel 400gms	400IRP
Res-Q-Steel 4 litres	4IRP


Galmet DuraGal Silver

Galmet DuraGal Silver Aerosol 350gms	350SS
Galmet DuraGal Silver (1, 4, 20 litres)	(litre)GDP


Galmet Cold Galvanise

Galmet Cold Galvanise Aerosol 400gms	400GCGA
Galmet Cold Galvanise 500gms	500GCG
Galmet Cold Galvanise (1, 4 litres)	(litre)GCG


Galmet Thinners

Galmet Thinners 500mls	500GT
Galmet Thinners (1, 4 litres)	(litre)GT

Other Products Available

- Galmet Ironize Rust Converter 1GIRC
- Galmet Spray Paint (size)GSP(colour)
- Galmet Hammered Finish GHF(colour)

Industrial Lubricants

Description	Product Code
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Rocol Windsor PJC

Rocol Windsor PJC 450gms	WINDSOR
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Rocol Wire Rope Aerosol Spray

Rocol Wire Rope Aerosol Spray 300gms	300WRLUB
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Rocol Gas Seal Compound

Rocol Gas Seal Compound 500gms	GASSEAL
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Other Products Available

- Rocol RTD Compound RTDC
- Rocol J166 Anti-Seize RJ166
- Rocol RTD Liquid RTDL
- Rocol Ultracut 255 RU255
- Rocol Anti-Seize Aerosol Spray RCASS
- Rocol Splatter Release Aerosol Spray RCRS
- Keytite Steel Primer Aerosol KSP(colour)

Indent Service

Steel & Tube through its global network of specialist suppliers is able to offer a comprehensive and specialised indent service.

Steel & Tube source a very wide selection of products from international steel mills and stockists. All Steel & Tube branches can assist you with your Indent requirements.

Steel & Tube Wire Processing

Steel & Tube Wire Processing supply a full range of wire products for your business needs. Please enquire at your local Steel & Tube branch about our products and service, or contact us direct.

Tel: 0-9-273 7635 **Fax:** 0-9-273 1487

Wire is supplied:

- cut and straightened to length
- 1.6–12.5mm diameter
- from 20mm to 6 metres
- tolerance +/- 0.5mm
- coiled to your weight (kg) requirements.

Also available:

- mechanical spring wire
- nail wire
- medium and high tensile wire
- fencing wire.

Standard Mill Sizes

Diameter	Bending and Cross Welding	Hard Drawn Low Carbon	Galvanised Manufacturing	Reinforcing	Tie Wire
1.6	■	■	■		■
1.8	■	■	■		
2	■	■	■		■
2.24			■		
2.5	■	■	■		■
2.8	■	■	■	■	
3.15	■	■	■	■	■
3.55	■	■	■	■	■
4	■	■	■	■	■
4.5	■	■	■		
5	■	■	■	■	■
5.3	■	■		■	
5.6				■	
6	■	■		■	■
6.3	■	■	■	■	
7.1	■	■		■	
7.5	■	■		■	
8	■	■	■	■	
9	■	■	■	■	
9.5	■	■		■	
10	■	■	■	■	
10.75	■	■			
11.2	■	■		■	
12.5	■	■			

Other Products & Services

Steel Warehouse

STEEL

warehouse

A Division of Steel & Tube Holdings Limited

Web Site: www.steelwarehouse.co.nz **Email:** sales@steelwarehouse.co.nz

Fax: 0-4-569 3362 **Tel:** 0-4-570 5000 (administration only)

On 1 May 2000, Steel & Tube Holdings Limited launched a new "no frills" steel distribution operation, supplying a range of steel products through the Internet.

The operation is dedicated to providing steel products at the lowest possible prices through eliminating many of the traditional functions and services provided by existing steel distributors, and maximising the use of electronic commerce.

The new operation is trading as "Steel Warehouse" and is believed to be the world's first steel distribution operation to be solely set up for trading online.

To assist companies who do not yet have access to the Internet, Steel Warehouse will also trade via fax for a limited period.

Steel Warehouse operates out of premises in Auckland and delivers nationwide. It has plans to set up a distribution outlet in Christchurch in due course.

The "no frills" site offers discounts of around 20 percent in return for fixed quantities of products, payment before despatch and delivery in about three days.

Steel Warehouse operates its business in the following manner:

1. Orders can only be placed online through the Web Site, E-mail or by Fax (no telephone orders).
2. All items on offer are only sold in bundle lots or multiples thereof, as notified in the current Stock Availability and Price List.
3. All orders received are subject to availability. No back orders or forward orders will be taken.
4. All confirmed orders will be despatched in about three days, subject to item 5 below. No collects are possible.
5. All confirmed orders must be paid for prior to the despatch of goods. Methods of payment available include: Cheque, Direct Debit, Direct Credit and Credit Card.
6. Specifications: Product will be sourced from a variety of manufacturers worldwide and will generally be supplied to New Zealand, Australian or Japanese steel standards. Tolerances and performances may therefore differ depending on source of supply.

A current Stock Availability and Price List is available on the Steel Warehouse Web Site which can be accessed 24 hours a day. Registration will be required prior to any transactions taking place.

Other Products & Services

Steel & Tube Waratah Processing

Steel & Tube Waratah Processing manufacture waratah posts and associated products.

Waratah posts are an economical and versatile choice for all fencing applications, and are recommended for use in:

Applications:

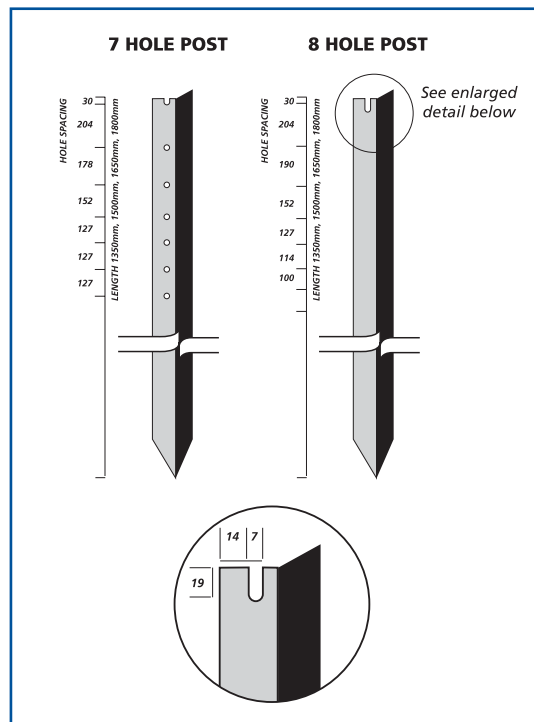
- all rural fencing applications
- electric fencing
- sign and marker posts
- survey pegs
- tie-downs and tent pegs
- tree guards and stakes
- poultry enclosures
- temporary fencing
- trellising
- concrete formwork pegs
- horticulture stakes
- pest control fencing
- road marker posts
- suspension fencing systems.

Product features:

- all steel
- star section
- pre-punched holes
- range of sizes
- pointed end
- available in black varnish as standard or galvanised.

Product benefits:

- easily driven into any soil type
- resists bush fire damage
- lightweight yet strong
- universal hole spacings to suit all fencing configurations
- can be straightened after driving
- reusable
- versatile
- saves time.



Specifications

Length	Holes	Approx. Weight (200 posts)	Product Code
1.350m	7	550 kg	46W
1.500m	7	600 kg	5W
1.500m	8	600 kg	5W8
1.650m	7	675 kg	56W
1.650m	8	675 kg	56W8
1.800m	8	735 kg	6W

Aluminium Alloy Posts



The aluminium post has similar applications to the standard Waratah post but has been specifically designed for:

- use in harsh conditions
- use in coastal environments
- people requiring a clean and easy to handle product
- use where transportability is an issue.

New features:

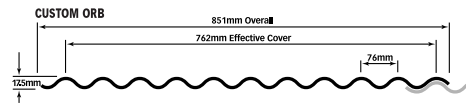
- all aluminium
- anodised silver finish
- available in 1.50 and 1.65 metre posts
- corrosion resistant
- clean to handle
- lightweight.

Other Products & Services

Steel & Tube Roofing Products

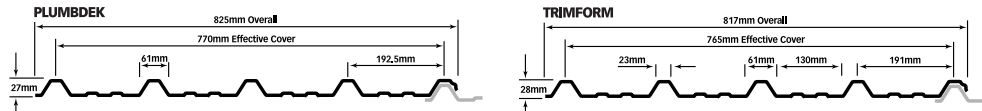
Corrugate Profile

CUSTOM ORB is rollformed to the traditional, gently curved profile. **CUSTOM ORB** can be pre-curved or spring curved to suit many applications.



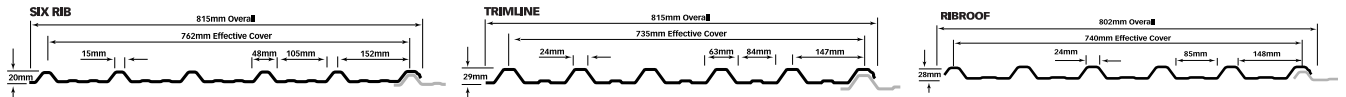
Five Ribbed Profiles

Five ribbed profiles are rollformed to very similar dimensions with five ribs and wide double swaged pans. **PLUMBDEK** and **TRIMFORM** profiles feature a strong trapezoidal rib design combined with wide economical cover.



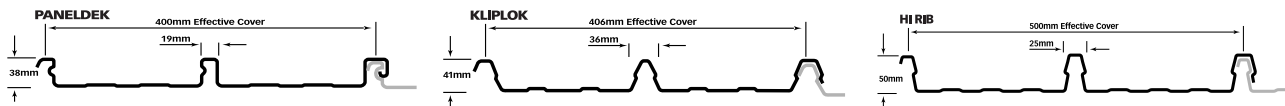
Six Ribbed Profiles

Six ribbed profiles are rollformed with six trapezoidal ribs. **SIX RIB** offers a subtle rib and a wide double swaged pan. **TRIMLINE** and **RIBROOF** are bold with near symmetrical profiles.



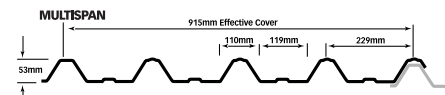
Trough Section Profiles

Trough section profiles are designed to meet a variety of needs from low pitch and long lengths to steep pitches where the clean lines are enhanced by the secret fixings. **PANELDEK** has a unique hinge locking action. **KLIPIK** and **HI RIB** are both manufactured from High Tensile Steel, delivering excellent performance capabilities and savings on project costs.



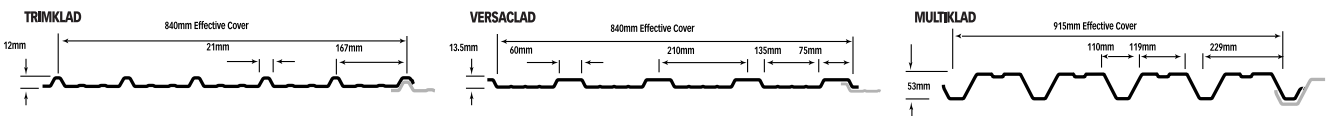
Commercial Profile

MULTISPAN roofing and cladding is a high-rib profile developed as a cost efficient solution for long span, low pitch or stressed skin designs.



Wall Claddings

Steel & Tube Roofing Product's cladding profiles are specially designed for installations where wide, economical cover is a necessity. All can be laid horizontally or vertically. **TRIMKLAD** has an unobtrusive rib and a very wide swaged pan for any installation where a neat appearance and lower labour costs are an essential design criteria. **VERSACLAD** is rollformed to an attractive "board and batten" profile. **MULTIKLAD** is a high profile cladding with exceptional spanning capabilities.



Materials

Galvanised – traditional coating of 100% zinc over steel substrate.

Zinalume® – 45% zinc – 55% aluminium alloy coating (by weight) over steel substrate.

Coloursteel® G2z, Colorcote® ZR8™ – oven baked paint systems over zinc/aluminium coated steel substrate.

Colorcote® ZRX™ – high quality PVF2 top coat and high build primer over zinc/aluminium coated steel substrate.

Coloursteel® VP – a very high build barrier paint system over a galvanised steel substrate.

Colorcote® AR8™ & ARX™ – prepainted aluminium coil for maximum corrosion protection.

Other materials – subject to stock availability Steel & Tube Roofing Products can manufacture profiles from copper, aluminium & other nonferrous metals.

Whangarei:

9 Southend Avenue
Otaika
PO Box 1869
Tel: 0-9-438 4600
Fax: 0-9-438 0342

North Shore:

2 Ride Way
North Harbour Ind. Estate
PO Box 100-182
Tel: 0-9-415 8080
Fax: 0-9-415 9192

Auckland:

14 Kerwyn Avenue
East Tamaki
PO Box 58 216
Tel: 0-9-274 4056
Fax: 0-9-274 8972

Hamilton:

32 Kaimiro Street
Pukete Ind. Estate
PO Box 10 458
Tel: 0-7-850 9200
Fax: 0-7-850 9330

Tauranga:

67 Koromiko Street
Tauranga
PO Box 2001
Tel: 0-7-578 1089
Fax: 0-7-577 0186

Wellington:

201 Gracefield Road
Petone
PO Box 36082
Tel: 0-4-568 4359
Fax: 0-4-568 6770

Christchurch:

106 Antigua Street
Sydenham
PO Box 7306
Tel: 0-3-377 0994
Fax: 0-3-377 2680

Pressure/Temperature Ratings – ASA Flanges

Body Material	Connection	Pressure rating – PSIG							
		100°F 37.8°C	450°F 232°C	500°F 260°C	650°F 343°C	850°F 454°C	950°F 482°C	1000°F 538°C	1125°F 607°C
Carbon Steel	ASA 150	275	165	150	120	82			
	ASA 300	720	650	625	515	300			
	ASA 600	1440	1305	1250	1030	600			
	ASA 900	2160	1955	1875	1550	900			
	ASA 1500	3600	3255	3125	2980	1500			

American Standard Flanges – Temperature/Pressure Ratings

Maximum working Pressure in kPa by Classes (For approximate PSI divide by 7)						
Temp °C	150	300	600	900	1500	2500
-29 to 38	1960	5110	10210	15320	25530	42550
50	1920	5010	10020	15020	25040	41730
100	1770	4640	9280	13910	23190	38650
150	1580	4520	9050	13570	22610	37690
200	1400	4380	8760	13150	21910	36520
250	1210	4170	8340	12520	20860	34770
300	1020	3870	7750	11620	19370	32280
350	840	3700	7390	11090	18480	30800
375	740	3650	7290	10940	18230	30390
400	650	3450	6900	10350	17250	28750
425	560	2880	5750	8630	14380	23960
450	470	2000	4010	6010	10020	16690
475	370	1350	2710	4060	6770	11290
500	280	880	1760	2640	4400	7330
525	190	520	1040	1550	2590	4320
540	130	330	650	980	1630	2720

Carbon Steel Pipe Flanges to ANSI/ASME B16.5 – 1988 (BS.1560)
 Forgings to ASTM A.105 and A.350 – LF2 Forgings to ASTM A.181 Grade II for Class 150 and 300 only

Flange Tables

Note: AS – Australian Standard; ANSI – American National Standard Institute; BS – British Standard

Nominal Size: 15mm (1/2 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	95	67	4	M12	45	13	13	10
AS2129 Table E	95	67	4	M12	45	6	13	10
AS2129 Table F	95	67	4	M12	45	8	13	10
AS2129 Table H	115	83	4	M16	60	10	16	13
ANSI Class 125/150	89	60	4	1/2 UNC	50	—	12	12
ANSI Class 300	95	67	4	1/2 UNC	55	—	—	15
ANSI Class 600	95	67	4	1/2 UNC	55	—	—	15
BS4504 PN6	80	55	4	M10	45	6	12	12
BS4504 PN10	95	65	4	M12	50	6	14	14
BS4504 PN16	95	65	4	M12	50	6	14	14
BS4504 PN25	95	65	4	M12	55	8	16	16

Nominal Size: 20mm (3/4 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	100	73	4	M12	45	13	13	10
AS2129 Table E	100	73	4	M12	45	6	13	10
AS2129 Table F	100	73	4	M12	45	8	13	10
AS2129 Table H	115	83	4	M16	60	10	16	13
ANSI Class 125/150	98	70	4	1/2 UNC	55	—	13	14
ANSI Class 300	117	83	4	5/8 UNC	60	—	—	16
ANSI Class 600	117	83	4	5/8 UNC	60	—	—	16
BS4504 PN6	90	65	4	M10	50	6	14	14
BS4504 PN10	105	75	4	M12	55	6	16	16
BS4504 PN16	105	75	4	M12	55	6	16	16
BS4504 PN25	105	75	4	M12	60	8	18	18

Nominal Size: 25mm (1 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	115	83	4	M12	45	13	13	10
AS2129 Table E	115	83	4	M12	45	8	13	10
AS2129 Table F	120	87	4	M16	50	10	13	10
AS2129 Table H	120	87	4	M16	60	11	19	14
ANSI Class 125/150	108	79	4	1/2 UNC	55	—	13	14
ANSI Class 300	124	89	4	5/8 UNC	65	—	—	18
ANSI Class 600	124	89	4	5/8 UNC	65	—	—	18
BS4504 PN6	100	75	4	M10	50	8	14	14
BS4504 PN10	115	85	4	M12	55	8	16	16
BS4504 PN16	115	85	4	M12	55	8	16	16
BS4504 PN25	115	85	4	M12	60	9	18	18

Nominal Size: 32mm (1-1/4 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	120	87	4	M12	50	16	16	13
AS2129 Table E	120	87	4	M12	50	8	16	13
AS2129 Table F	135	98	4	M16	55	10	16	13
AS2129 Table H	135	98	4	M16	65	11	22	17
ANSI Class 125/150	117	89	4	1/2 UNC	55	—	13	16
ANSI Class 300	133	98	4	5/8 UNC	75	—	—	22
ANSI Class 600	133	98	4	5/8 UNC	75	—	—	22
BS4504 PN6	120	90	4	M12	55	8	16	14
BS4504 PN10	140	100	4	M16	60	8	18	16
BS4504 PN16	140	100	4	M16	60	8	18	16
BS4504 PN25	140	100	4	M16	65	9	20	18

Nominal Size: 40mm (1-1/2 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	135	98	4	M12	50	16	16	13
AS2129 Table E	135	98	4	M12	50	10	16	13
AS2129 Table F	140	105	4	M16	55	11	16	13
AS2129 Table H	140	105	4	M16	65	13	22	17
ANSI Class 125/150	127	98	4	1/2 UNC	60	—	14	18
ANSI Class 300	156	114	4	3/4 UNC	80	—	—	22
ANSI Class 600	156	114	4	3/4 UNC	80	—	—	22
BS4504 PN6	130	100	4	M12	55	9	16	14
BS4504 PN10	150	110	4	M16	60	9	18	16
BS4504 PN16	150	110	4	M16	60	9	18	16
BS4504 PN25	150	110	4	M16	65	11	20	18

Nominal Size: 50mm (2 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	150	114	4	M16	60	19	19	14
AS2129 Table E	150	114	4	M16	60	10	19	14
AS2129 Table F	165	127	4	M16	60	11	19	16
AS2129 Table H	165	127	4	M16	75	13	25	19
ANSI Class 125/150	152	121	4	5/8 UNC	70	—	18	20
ANSI Class 300	165	127	8	5/8 UNC	75	—	—	22
ANSI Class 600	165	127	8	5/8 UNC	80	—	—	26
BS4504 PN6	140	110	4	M12	55	11	16	14
BS4504 PN10	165	125	4	M16	65	11	20	18
BS4504 PN16	165	125	4	M16	65	11	20	18
BS4504 PN25	165	125	4	M16	70	11	22	20

Nominal Size: 65mm (2-1/2 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	165	127	4	M16	60	19	19	14
AS2129 Table E	165	127	4	M16	60	11	19	14
AS2129 Table F	185	146	8	M16	60	13	19	16
AS2129 Table H	185	146	8	M16	75	14	25	19
ANSI Class 125/150	178	140	4	5/8 UNC	80	—	18	23
ANSI Class 300	191	149	8	3/4 UNC	90	—	—	26
ANSI Class 600	191	149	8	3/4 UNC	100	—	—	30
BS4504 PN6	160	130	4	M12	55	13	16	14
BS4504 PN10	185	145	4	M16	65	13	20	18
BS4504 PN16	185	145	4	M16	65	13	20	18
BS4504 PN25	185	145	8	M16	75	13	24	22

Nominal Size: 80mm (3 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	185	146	4	M16	60	19	19	14
AS2129 Table E	185	146	4	M16	60	13	19	14
AS2129 Table F	205	165	8	M16	60	14	19	16
AS2129 Table H	205	165	8	M16	75	16	29	22
ANSI Class 125/150	191	152	4	5/8 UNC	80	—	20	24
ANSI Class 300	210	168	8	3/4 UNC	100	—	—	32
ANSI Class 600	210	168	8	3/4 UNC	100	—	—	32
BS4504 PN6	190	150	4	M16	60	13	18	16
BS4504 PN10	200	160	8	M16	70	13	22	20
BS4504 PN16	200	160	8	M16	70	13	22	20
BS4504 PN25	200	160	8	M16	80	14	26	24

Nominal Size: 100mm (4 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	215	178	4	M16	65	22	22	17
AS2129 Table E	215	178	8	M16	65	16	22	17
AS2129 Table F	230	191	8	M16	65	17	22	19
AS2129 Table H	230	191	8	M16	85	19	32	25
ANSI Class 125/150	229	191	8	5/8 UNC	80	—	24	24
ANSI Class 300	254	200	8	3/4 UNC	100	—	—	32
ANSI Class 600	273	216	8	7/8 UNC	120	—	—	38
BS4504 PN6	210	170	4	M16	60	16	18	16
BS4504 PN10	220	180	8	M16	75	16	24	20
BS4504 PN16	220	180	8	M16	75	16	24	20
BS4504 PN25	235	190	8	M20	90	17	28	24

Nominal Size: 125mm (5 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	255	210	8	M16	65	22	22	17
AS2129 Table E	255	210	8	M16	65	17	22	17
AS2129 Table F	280	235	8	M20	75	19	25	22
AS2129 Table H	280	235	8	M20	100	22	35	29
ANSI Class 125/150	254	216	8	3/4 UNC	85	—	24	24
ANSI Class 300	279	235	8	3/4 UNC	110	—	—	35
ANSI Class 600	330	267	8	1 UNC	140	—	—	45
BS4504 PN6	240	200	8	M16	70	20	20	18
BS4504 PN10	250	210	8	M16	80	22	26	22
BS4504 PN16	250	210	8	M16	80	22	26	22
BS4504 PN25	270	220	8	M24	100	26	30	26

Nominal Size: 150mm (6 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	280	235	8	M16	65	22	22	17
AS2129 Table E	280	235	8	M20	70	17	22	17
AS2129 Table F	305	260	12	M20	80	22	25	22
AS2129 Table H	305	260	12	M20	100	25	35	29
ANSI Class 125/150	279	241	8	3/4 UNC	90	—	25	26
ANSI Class 300	318	270	12	3/4 UNC	110	—	—	37
ANSI Class 600	356	292	12	1 UNC	150	—	—	48
BS4504 PN6	265	225	8	M16	70	20	20	18
BS4504 PN10	285	240	8	M20	90	22	26	22
BS4504 PN16	285	240	8	M20	90	22	26	22
BS4504 PN25	300	250	8	M24	110	26	34	28

Nominal Size: 200mm (8 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	335	292	8	M16	70	25	25	19
AS2129 Table E	335	292	8	M20	75	19	25	19
AS2129 Table F	370	324	12	M20	90	25	29	25
AS2129 Table H	370	324	12	M20	100	32	38	32
ANSI Class 125/150	343	299	8	3/4 UNC	100	—	29	29
ANSI Class 300	381	330	12	7/8 UNC	120	—	—	41
ANSI Class 600	419	349	12	1-1/8 UNC	160	—	—	56
BS4504 PN6	320	280	8	M16	70	22	22	20
BS4504 PN10	340	295	8	M20	90	26	26	24
BS4504 PN16	340	295	12	M20	90	26	30	24
BS4504 PN25	360	310	12	M24	110	30	34	30

Nominal Size: 250mm (10 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	405	356	8	M20	75	25	25	19
AS2129 Table E	405	356	12	M20	75	22	25	22
AS2129 Table F	430	381	12	M24	90	25	29	25
AS2129 Table H	430	381	12	M24	120	35	41	35
ANSI Class 125/150	406	362	12	7/8 UNC	100	—	30	30
ANSI Class 300	445	387	16	1 UNC	140	—	—	48
ANSI Class 600	508	432	16	1-1/4 UNC	180	—	—	64
BS4504 PN6	375	335	12	M16	75	24	24	22
BS4504 PN10	395	350	12	M20	90	28	28	26
BS4504 PN16	405	355	12	M24	100	28	32	26
BS4504 PN25	425	370	12	M27	110	32	36	32

Nominal Size: 300mm (12 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	455	406	12	M20	85	29	29	22
AS2129 Table E	455	406	12	M24	90	25	29	25
AS2129 Table F	490	438	16	M24	100	29	32	29
AS2129 Table H	490	438	16	M24	120	38	44	38
ANSI Class 125/150	483	432	12	7/8 UNC	100	—	32	32
ANSI Class 300	521	451	16	1-1/8 UNC	150	—	—	51
ANSI Class 600	559	489	20	1-1/4 UNC	200	—	—	67
BS4504 PN6	440	395	12	M20	80	24	24	22
BS4504 PN10	445	400	12	M20	90	—	28	28
BS4504 PN16	460	410	12	M24	100	—	32	28
BS4504 PN25	485	430	16	M27	120	—	40	34

Nominal Size: 350mm (14 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	525	470	12	M24	100	32	32	25
AS2129 Table E	525	470	12	M24	100	25	32	25
AS2129 Table F	550	495	16	M27	110	32	35	32
AS2129 Table H	550	495	16	M27	130	41	48	41
ANSI Class 125/150	533	476	12	1 UNC	110	—	35	35
ANSI Class 300	584	514	20	1- ¹ / ₈ UNC	160	—	—	54
ANSI Class 600	603	527	20	1- ³ / ₈ UNC	200	—	—	70
BS4504 PN6	490	445	12	M20	80	26	26	22
BS4504 PN10	505	460	16	M20	90	—	30	30
BS4504 PN16	520	470	16	M24	120	—	36	30
BS4504 PN25	555	490	16	M30	130	—	44	38

Nominal Size: 375mm (15 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	550	495	12	M24	95	32	32	25
AS2129 Table E	550	495	12	M24	95	25	32	32
AS2129 Table F	580	521	16	M27	110	32	35	38
AS2129 Table H	580	521	16	M27	140	44	50	51

Nominal Size: 400mm (16 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	580	521	12	M24	95	32	32	25
AS2129 Table E	580	521	12	M24	95	25	32	25
AS2129 Table F	610	552	20	M27	110	32	35	32
AS2129 Table H	610	552	20	M27	140	44	51	44
ANSI Class 125/150	597	540	16	1 UNC	120	—	37	37
ANSI Class 300	650	572	20	1- ¹ / ₄ UNC	170	—	—	57
ANSI Class 600	686	603	20	1- ¹ / ₂ UNC	210	—	—	76
BS4504 PN6	540	495	16	M20	90	28	28	22
BS4504 PN10	565	515	16	M24	100	—	32	32
BS4504 PN16	580	525	16	M27	120	—	38	32
BS4504 PN25	620	550	16	M33	140	—	48	40

Nominal Size: 450mm (18 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	640	584	12	M24	100	35	35	29
AS2129 Table E	640	584	16	M24	100	29	35	29
AS2129 Table F	675	610	20	M30	120	35	38	35
AS2129 Table H	675	610	20	M30	160	48	54	48
ANSI Class 125/150	635	578	16	1- ¹ / ₈ UNC	130	—	40	40
ANSI Class 300	711	629	24	1- ¹ / ₄ UNC	180	—	—	60
ANSI Class 600	743	654	20	1- ⁵ / ₈ UNC	230	—	—	83
BS4504 PN6	595	550	16	M20	90	30	30	24
BS4504 PN10	615	565	20	M24	100	—	32	34
BS4504 PN16	640	585	20	M27	120	—	40	34
BS4504 PN25	670	600	20	M33	150	—	50	42

Nominal Size: 500mm (20 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	705	641	16	M24	110	38	38	35
AS2129 Table E	705	641	16	M24	110	35	38	32
AS2129 Table F	735	673	24	M30	120	38	41	38
AS2129 Table H	735	673	24	M30	150	51	57	51
ANSI Class 125/150	700	635	20	1- ¹ / ₈ UNC	140	—	43	43
ANSI Class 300	775	686	24	1- ¹ / ₄ UNC	190	—	—	64
ANSI Class 600	813	724	24	1- ⁵ / ₈ UNC	240	—	—	89
BS4504 PN6	645	600	20	M20	90	30	30	24
BS4504 PN10	670	620	20	M24	110	—	34	36
BS4504 PN16	715	650	20	M30	130	—	42	36
BS4504 PN25	730	660	20	M33	150	—	52	44

Nominal Size: 600mm (24 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	825	756	16	M27	120	41	41	38
AS2129 Table E	825	756	16	M30	140	38	41	35
AS2129 Table F	850	781	24	M33	160	41	44	41
AS2129 Table H	850	781	24	M33	180	57	64	57
ANSI Class 125/150	815	749	20	1-1/4 UNC	150	—	48	48
ANSI Class 300	915	813	24	1-1/2 UNC	200	—	—	70
ANSI Class 600	940	838	24	1-7/8 UNC	280	—	—	102
BS4504 PN6	755	705	20	M24	100	30	30	24
BS4504 PN10	780	725	20	M27	120	—	36	40
BS4504 PN16	840	770	20	M33	140	—	48	40
BS4504 PN25	845	770	20	M36	150	—	—	46

Nominal Size: 700mm (28 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	910	845	20	M27	130	44	44	38
AS2129 Table E	910	845	20	M30	140	—	44	44
AS2129 Table F	935	857	24	M33	160	—	48	48
BS4504 PN6	860	810	24	M24	110	—	32	—
BS4504 PN10	895	840	24	M27	130	—	40	—
BS4504 PN16	910	840	24	M33	160	—	54	—

Nominal Size: 750mm (30 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	995	927	20	M30	140	—	48	41
AS2129 Table E	995	927	20	M33	160	—	48	48
AS2129 Table F	1015	940	28	M33	170	—	51	51

Nominal Size: 800mm (32 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	1060	984	20	M33	150	48	48	41
AS2129 Table E	1060	984	20	M33	160	—	48	48
AS2129 Table F	1060	984	28	M33	180	—	52	52
BS4504 PN6	975	920	24	M27	110	—	34	—
BS4504 PN10	1015	950	24	M30	140	—	44	—
BS4504 PN16	1025	950	24	M36	170	—	58	—

Nominal Size: 900mm (36 in.)

Flange Standard	Outside Diameter of Flange	Pitch Circle Diameter	Number of Bolts	Size of Bolts	Length of Bolts	Valve Flange Thickness		
						Copper Alloy	Cast Iron S.G. Iron	Forged/ Cast Steel
AS2129 Tables C/D	1175	1092	24	M33	160	51	51	44
AS2129 Table E	1175	1092	24	M33	170	—	51	51
AS2129 Table F	1185	1105	32	M36	200	—	57	57
BS4504 PN6	1075	1020	24	M27	120	—	36	—
BS4504 PN10	1115	1050	28	M30	140	—	46	—
BS4504 PN16	1125	1050	28	M36	180	—	62	—

The Engineering Data has been supplied by Tubemakers Piping Systems of Australia Limited and every effort has been made to ensure that there are no errors in this section. However, Steel & Tube does not hold itself responsible for any errors or recommendations included. If you find any errors or omissions please contact Steel & Tube Head Office.

Steel & Tube Holdings Limited

Locations in New Zealand



Company Profile



Steel & Tube Holdings Limited

Steel & Tube Holdings Limited listed on the New Zealand Stock Exchange in 1967 and is ranked 31st by market capitalisation as at 28 June 2002. OneSteel Limited currently owns 50.3% of the issued capital.

Steel & Tube Holdings Limited has a total of 52 Business Units and Service Centres throughout New Zealand, and has 591 employees and annual sales of approximately NZ\$300 million, and offers the following goods and services:



Distribution

Is the largest distributor of steel and allied products to New Zealand industry with 27 business units and service centres nationwide. It has coil processing facilities in Auckland and Christchurch and plate processing equipment in Auckland, Wellington and Christchurch.



Piping Systems

Is a specialist supplier of pipe, valves and fittings to the petrochemical, energy, mining and construction industries. It has 3 locations in the North Island and 1 in the South Island.



Fastening Systems

Supplies a large range of metal fasteners to industry, which is marketed through the Fastening Supplies and Nuts and Bolts and Screws names, with 6 locations nationwide.



Roofing Products

Is New Zealand's second largest manufacturers of steel roofing, cladding and rainwater accessories and has 7 manufacturing sites throughout the country.



Reinforcing

Has 8 operations nationwide and provides fabricated reinforcing steel to the construction industry.

Distribution Centres

Northern Region

Whangarei

Cnr Hewlett Street & Fraser Crescent PO Box 1570
Tel: 0-9-438 3999, Fax: 0-9-438 3990

North Harbour

5 Ride Way, North Harbour Industrial Estate, Albany
PO Box 14-344 Panmure
Tel: 0-9-415 3490, Fax: 0-9-415 3405

Mt Maunganui

34 Hull Road PO Box 4109 Mt Maunganui South
Tel: 0-7-575 4174, Fax: 0-7-575 9674

Northern Coil Processing

8-10 Bowden Road PO Box 62 213 Mt Wellington
Tel: 0-9-573 0555, Fax: 0-9-573 0394

CP Steel

124 Hugo Johnston Drive, Penrose PO Box 12 144, Penrose
Tel: 0-9-525 3636, Fax: 0-9-525 3744

Auckland

68 Stonedon Drive, East Tamaki PO Box 14-344 Panmure
Tel: 0-9-273 7610, Fax: 0-9-273 1470

Hamilton

5 Norris Street, Te Rapa
PO Box 10 064 Hamilton
Tel: 0-7-849 3879, Fax: 0-7-849 7407

Rotorua

Cnr View Road & 24 Hyland Crescent PO Box 882
Tel: 0-7-348 0449, Fax: 0-7-348 0442

Northern Plate Processing

68 Stonedon Drive, East Tamaki PO Box 14-344 Panmure
Tel: 0-9-273 7630, Fax: 0-9-273 1484

Steel Warehouse

Web Site: www.steelwarehouse.co.nz
Email: sales@steelwarehouse.co.nz Fax: 0-4-569 3362

Central Region

New Plymouth

Centennial Drive PO Box 559
Tel: 0-6-751 0340, Fax: 0-6-751 1762

Gisborne Industrial Supplies

Parkinson Street PO Box 38 195
Tel: 0-6-868 9558, 0800 505 205, Fax: 0-6-868 8704

Wellington

Hautonga Street, Petone
PO Box 38 195 Wellington Mail Centre
Tel: 0-4-568 0020, Fax: 0-4-568 8308

Napier

15 Ford Street PO Box 3061 Onekawa
Tel: 0-6-843 9196, Fax: 0-6-843 2224

Palmerston North

Malden Street PO Box 1429
Tel: 0-6-356 5252, Fax: 0-6-356 5247

Central Plate Processing

Hautonga Street, Petone
PO Box 38 195 Wellington Mail Centre
Tel: 0-4-568 0044, Fax: 0-4-568 8308

Southern Region

Nelson

Cnr Carkeek & Graham Streets PO Box 544
Tel: 0-3-548 2209, Fax: 0-3-548 0626

Timaru

9 Meadows Road, Washdyke PO Box 2118 Washdyke
Tel: 0-3-688 2085, Fax: 0-3-688 2084

Invercargill

Bond Street PO Box 1009
Tel: 0-3-218 2803, Fax: 0-3-218 9131

Stewart Steel

85 Falsgrave Street PO Box 1377, Christchurch
Tel: 0-3-365 0079, Fax: 0-3-365 7576

Christchurch

375 Blenheim Road PO Box 11 231
Tel: 0-3-343 7999, Fax: 0-3-348 4167

Dunedin

Cnr Willis & Tewsley Streets PO Box 1405
Tel: 0-3-477 9655, Fax: 0-3-477 9646

Southern Plate Processing

375 Blenheim Road PO Box 11 231, Christchurch
Tel: 0-3-343 7995, Fax: 0-3-348 4167

Southern Coil Processing

375 Blenheim Road PO Box 11 231, Christchurch
Tel: 0-3-343 7996, Fax: 0-3-348 1728

Waratah Processing

16A Birmingham Drive PO Box 9339, Christchurch
Tel: 0-3-338 2191, Fax: 0-3-338 5442

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