

**STAINLESS STEEL PIPE**  
Specifications T304,T316,T310  
In 6 metre random lengths

Size	Kgs/Mtr	Size	Kgs/Mtr
1/8"	NB SCH 10 0.2822	2.1/2"	NB SCH 10 5.338
1/8"	NB SCH 40 0.3708	2.1/2"	NB SCH 40 8.758
1/4"	NB SCH 10 0.4983	2.1/2"	NB SCH 80 11.582
1/4"	NB SCH 40 0.769	3"	NB SCH 5 4.579
3/8"	NB SCH 10 0.64	3"	NB SCH 10 6.549
3/8"	NB SCH 40 0.858	3"	NB SCH 40 11.453
3/8"	NB SCH 80 1.1167	3"	NB SCH 80 15.5
1/2"	NB SCH 10 1.014	3"	NB XX Heavy 21.31
1/2"	NB SCH 40 1.2864	3.1/2"	NB SCH 10 27.65
1/2"	NB SCH 80 1.6446	3.1/2"	NB SCH 40 5.249
1/2"	NB SCH 160 1.9714	3.1/2"	NB SCH 80 7.517
1/2"	NB XX Heavy 2.505	3.1/2"	NB SCH 10 13.771
3/4"	NB SCH 5 1.0337	4"	NB SCH 40 18.905
3/4"	NB SCH 10 1.295	4"	NB SCH 5 5.919
3/4"	NB SCH 40 1.709	4"	NB SCH 10 8.486
3/4"	NB SCH 80 2.28	4"	NB SCH 40 16.313
3/4"	NB SCH 160 2.89	4"	NB SCH 80 22.652
3/4"	NB XX Heavy 3.64	4"	NB SCH 160 34.029
1"	NB SCH 5 1.291	5"	NB SCH 10 11.746
1"	NB SCH 10 2.123	5"	NB SCH 40 22.099
1"	NB SCH 40 2.538	5"	NB SCH 80 31.414
1"	NB SCH 80 3.283	6"	NB SCH 5 11.468
1"	NB SCH 160 4.29	6"	NB SCH 10 14.044
1"	NB XX Heavy 5.445	6"	NB SCH 40 28.686
1.1/4"	NB SCH 5 1.673	6"	NB SCH 80 42.517
1.1/4"	NB SCH 10 2.729	6"	NB SCH 160 67.414
1.1/4"	NB SCH 40 3.436	8"	NB SCH 5 14.988
1.1/4"	NB SCH 80 4.503	8"	NB SCH 10 20.257
1.1/4"	NB SCH 160 5.602	8"	NB SCH 40 43.169
1.1/2"	NB SCH 5 1.925	8"	NB SCH 80 65.596
1.1/2"	NB SCH 10 3.152	10"	NB SCH 10 28.201
1.1/2"	NB SCH 40 4.109	10"	NB SCH 40 61.204
1.1/2"	NB SCH 80 5.489	10"	NB SCH 80 82.725
1.1/2"	NB SCH 160 7.346	12"	NB SCH 10 36.533
1.1/2"	NB XX Heavy 9.7	12"	NB SCH 40 74.931
2"	NB SCH 5 2.4242	14"	NB SCH 10 55.504
2"	NB SCH 10 3.988	16"	NB SCH 10 63.578
2"	NB SCH 40 5.226	20"	NB SCH 10 79.725
2"	NB SCH 80 7.593		
2"	NB SCH 160 11.254		
2"	NB XX Heavy 13.437		
2.1/2"	NB SCH 5 3.741		

Cut to size if required.  
Pipe available in Seamless  
and Welded

**STAINLESS STEEL HEXAGON**  
Specifications T303,T304,T316  
In 3 metre lengths

A/F	Kgs/Mtr	A/F	Kgs/Mtr
0.312"	0.43	1.010"	4.478
8mm	0.435	1.062"	4.941
9mm	0.551	1.1"	5.31
0.375"	0.614	1.125"	5.551
10mm	0.68	30mm	6.12
0.437"	0.834	1.2"	6.322
0.445"	0.875	1.25"	6.846
12mm	0.979	1.3"	7.419
0.5"	1.102	1.375"	8.284
0.525"	1.207	36mm	8.81
14mm	1.33	1.48"	9.61
0.6"	1.584	1.5"	9.859
0.625"	1.712	41mm	11.4
17mm	1.96	1.625"	11.57
0.71"	2.204	1.67"	12.22
0.75"	2.47	1.75"	13.24
0.82"	2.95	46mm	14.4
22mm	3.29	1.86"	15.17
0.875"	3.349	50mm	17
24mm	3.92	2.050"	18.38
0.92"	3.701	2.22"	22.1
0.937"	3.839	2.75"	33.23
1"	4.375	3"	39.43

**STAINLESS STEEL SQUARE BAR**  
Specifications T304,T316, T303

Size	Kgs/Mtr	Size	Kgs/Mtr
6 mm	0.29	30 mm	7.06
8 mm	0.5	1.1/4"	7.9
3/8"	0.72	1.1/2"	11.3
10 mm	0.785	40 mm	12.6
12 mm	1.13	1.3/4"	15.7
1/2"	1.3	50mm	19.6
15 mm	1.77	2"	20
5/8"	2	2.1/4"	25.9
16 mm	2.01	60mm	28.8
3/4"	2.9	2.1/2"	32
20 mm	3.14	65mm	34
7/8"	4	3"	46
25mm	4.91	3.1/2"	63
1"	5	4"	83

STAINLESS STEEL

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Handbook

Shropshire  
Stainless &  
Aluminium



More metal than you  
can imagine

STAINLESS STEEL

on time  
competitively priced  
fabrication options  
one call solves all  
yellow metals

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## Shropshire Stainless & Aluminium offer its valued customers a supreme service.

Where our competitors fail, SSA delivers a complete service in one call. Based in Shropshire, SSA is ideally located to service Wales, the North West and the West Midlands with a complete range of products in Stainless Steel, Aluminium, Brass, Copper & Bronze. Please call for friendly, efficient and prompt service.

### STAINLESS STEEL SHEET

Specifications T304,T316,T321,310,430

Sheet sizes	2x1 Kg	2500x1250 Kg	3000x1500 Kg
12mm	192	300	432
10mm	160	250	360
8mm	128	200	288
6mm	96	150	216
5mm	80	125	180
4mm	64	100	144
3mm	48	75	108
2.5mm	40	63	90
2.0mm	32	50	72
1.5mm	24	38	54
1.2mm	20	30	43
0.9mm	14	23	32
0.7mm	11	17.5	-
0.5mm	8	12.5	-

- Finishes available in 2B, Bright Annealed, Dull & Mirror Polished Finishes.
- On site Shearing & Folding facilities available up to 10mm thick
- Tread plate available in 3mm-6mm thick.
- Plate available up to 150mm thick.
- De-coiled sheets available.

### STAINLESS STEEL BOX SECTION

Stocked in 6 metre lengths Specifications T304,T316 Available in Dull polished & Descaled

Size	Kgs/Mtr	Size	Kgs/Mtr
10x10x1.5	0.48	60x60x2.0	3.71
12x12x1.5	0.55	60x60x3.0	5.49
15x15x1.2	0.53	60x60x4.0	7.22
15x15x1.5	0.65	60x60x5.0	9
20x20x1.2	0.71	70x70x3.0	6.53
20x20x1.5	0.88	80x80x2.0	4.98
25x25x1.2	0.92	80x80x3.0	7.53
25x25x1.5	1.14	80x80x4.0	9.85
25x25x2.0	1.49	80x80x5.0	12.39
25x25x3.0	2.2	100x100x2.0	6.4
30x30x1.2	1.1	100x100x3.0	9.53
30x30x1.5	1.37	100x100x4.0	12.4
30x30x2.0	1.84	100x100x5.0	15.9
30x30x3.0	2.72	100x100x6.0	17.5
35x35x1.5	1.62	20x10x1.5	0.72
40x40x1.2	1.49	40x20x1.5	1.37
40x40x1.5	1.85	50x25x1.5	1.83
40x40x2.0	2.45	60x40x1.5	2.33
40x40x3.0	3.75	60x40x2.0	3.1
40x40x4.0	4.8	60x40x3.0	4.65
50x50x1.5	2.32	80x40x2.0	3.71
50x50x2.0	3.08	80x40x3.0	5.55
50x50x3.0	4.65	100x50x2.0	4.68
50x50x4.0	5.96	100x50x3.0	7
50x50x5.0	7.41	100x50x5.0	11.7

Larger sections available. Please enquire.

### THE TECHNICAL AREA

TYPICAL COMPOSITION						
EN Spec	BS Spec	C	N	CR	NI	MO
1.4305	303S31	0.12	0.11	17-19	8-10	N/A
1.4307	304S11	0.02	0.06	18.3	9.2	N/A
1.4301	304S31	0.04	0.06	18.3	8.7	N/A
1.4401	316S31	0.04	0.04	16.8	10.7	2.2
1.4404	316S11	0.02	0.06	17.3	11	2.2
1.4405	416S21	0.03	-	12-14	N/A	<0.6
1.4057	431S29	0.12-0.22	N/A	15-17	1.5-2.5	N/A

For general guidance only. Please ask for full specification data.

Range of Duplex and other Super Alloys available

### STAINLESS STEEL ANGLE

Stocked in 6 metre lengths Specifications T304,T316

Size	Kgs/Mtr	Size	Kgs/Mtr
20x20x3.0	0.99	60x60x3.0	3.71
25x25x3.0	1.13	60x60x4.0	5.49
25x25x5.0	1.77	60x60x5.0	7.22
25x25x6.0	2.06	70x70x3.0	6.53
30x30x3.0	1.36	80x80x2.0	4.98
30x30x5.0	2.17	80x80x3.0	7.53
30x30x6.0	2.53	80x80x4.0	9.85
40x40x3.0	1.85	80x80x5.0	12.39
40x40x5.0	2.98	100x100x2.0	6.4
40x40x6.0	3.49	100x100x3.0	9.53
50x50x3.0	2.36	100x100x4.0	12.4
50x50x5.0	3.79	100x100x5.0	15.9
50x50x6.0	4.46	20x10x1.5	0.72
50x50x8.0	5.76	40x20x1.5	1.37
50x50x10.0	7.06	50x25x1.5	1.83
60x60x6.0	5.76	60x40x1.5	2.33
65x65x6.0	5.95	60x40x2.0	3.1
65x65x8.0	7.71	60x40x3.0	4.65
65x65x10.0	9.8	80x40x2.0	3.71
75x75x6.0	6.89	80x40x3.0	5.55
75x75x8.0	8.97	100x50x2.0	4.68
75x75x10.0	11.5	100x50x3.0	7
80x80x6.0	7.37	100x50x5.0	11.7
80x80x8.0	9.65		
80x80x10.0	11.8		
100x100x6.0	9.3		
100x100x8.0	12.5		
100x100x10.0	15		
100x100x12.0	17.8		

Stainless Steel Unequal Angle also available

### STAINLESS STEEL HANDRAIL TUBE

Stocked in 6 metre lengths Specifications T304,T316

Size	Kgs/Mtr
42.4mm O/D x 2.5	2.49
48.3mm O/D x 2.5	2.86
60.3mm O/D x 2.5	3.61
42.4mm O/D x 2.0	1.99
48.3mm O/D x 2.0	2.29

Stocked in Dull Polished Finish

### STAINLESS STEEL ROUND BAR

Stocked in 3-4 metre lengths Specifications T303,T304,T310,T321,T316L,T410,T431 Available in Dull Polished & Descaled

Size	Kgs/Mtr	Size	Kgs/Mtr
1/16"	0.016	1 3/4"	12.2
3mm	0.055	45mm	12.48
1/8"	0.062	1.7/8"	13.96
4mm	0.099	50mm	15.4
3/16"	0.14	2" Dia	15.9
5mm	0.154	55mm	18.5
6mm	0.222	60mm	20.2
1/4"	0.248	60mm	22.2
7mm	0.302	2 3/8"	22.44
5/16"	0.388	2 1/2"	24.9
8mm	0.395	65mm	26
9mm	0.501	2 5/8"	27.4
10mm	0.559	2 3/4"	30
12mm	0.617	70mm	30.2
12mm	0.888	75mm	34.7
1 1/2"	0.994	3" Dia	38
14mm	1.21	80mm	39
15mm	1.39	80mm	44
5/8"	1.55	3 1/2"	51
16mm	1.58	90mm	55
18mm	2	3 3/4"	58
3/4"	2.24	4"	66
19mm	2.23	4 1/4"	74
20mm	2.47	4 1/2"	83
22mm	2.98	4 3/4"	93
7/8"	3.04	5"	102
24mm	3.55	5 1/4"	113
25mm	3.85	5 1/2"	124
1"	3.98	5 3/4"	134.5
27mm	4.5	6"	147
1 1/8"	5.03	6 1/2"	173.65
30mm	5.55	7"	199
1 1/4"	6.21	7 1/2"	228.9
32mm	6.31	8"	260.4
1 3/8"	7.47	8 1/2"	294
35mm	7.55	9"	329.6
36mm	7.99	9 1/2"	365
1 1/2"	8.94	10"	404
40mm	9.86	10"	492.35
1 5/8"	10.5	12"	585.95

### CUT TO SIZE SAWING SERVICE AVAILABLE

If your specification is not listed please enquire.

### STAINLESS STEEL FLAT BAR

Stocked in 4 & 5 metre lengths Specifications T304 & T316,T321, T310

Size	Kgs/Mtr	Size	Kgs/Mtr
12x3	0.283	40x10	3.14
12x5	0.48	40x12	3.8
12x6	0.57	40x15	4.74
12x10	0.96	40x20	6.32
15x3	0.355	40x25	7.9
15x5	0.47	50x3	1.18
15x6	0.785	50x5	1.96
20x6	0.942	50x6	2.36
20x8	1.27	50x8	3.14
20x10	1.57	50x10	3.93
20x12	1.89	50x12	4.71
25x3	0.59	50x15	5.95
25x5	0.981	50x20	7.9
25x6	1.18	50x25	9.9
25x8	1.58	60x3	1.42
25x10	1.97	60x5	2.38
25x12	2.38	60x6	2.85
25x15	2.96	60x8	3.77
25x20	3.96	60x10	4.72
30x3	0.71	60x12	5.72
30x5	1.12	60x15	7.14
30x6	1.41	65x3	1.58
30x8	1.88	65x5	2.55
30x10	2.36	65x6	3.1
30x12	2.85	65x8	4.13
30x15	3.55	65x10	5.13
30x20	4.76	65x12	6.16
40x3	0.942	65x15	7.7
40x5	1.57	65x20	10.3
40x6	1.88	65x25	12.9
40x8	2.51	75x3	1.8

### STAINLESS STEEL ROUND TUBE

Stocked in 6 metre lengths Specifications T304 & T316 Available in Bright & Dull Polished

Size	Kgs/Mtr
1/2" OD x 1.5	0.42
5/8" OD x 1.5	0.54
3/4" OD x 1.5	0.71
7/8" OD x 1.5	0.85
1" OD x 1.5	0.98
1" OD x 2.0	1.17
1" OD x 3.0	1.8
1 1/4" OD x 1.5	1.13
1 1/2" OD x 1.5	1.38
1 1/2" OD x 2.0	1.81
1 1/2" OD x 3.0	2.76
1 3/4" OD x 1.5	1.62
2" OD x 1.5	1.85
2" OD x 2.0	2.4
2" OD x 3.0	4.71
2 1/4" OD x 1.5	2.09
2 1/2" OD x 1.5	2.35
3" OD x 1.5	2.81
3" OD x 3.0	5.52
4" OD x 1.5	4.03
4" OD x 3.0	7.42

Metric tube available up to 300mm O/D

## Also stockists of Brass, Copper & Bronze

One call solves all 01743 466699