

The Company with a "Stainless" reputation!

- ◆ 46 years experience in Stainless Steel & non-ferrous metal stockholding.
- ◆ One of the largest independent, family owned stockholders in the South-West of England & South Wales.
- ◆ In excess of £350,000.00 worth of Stock.
- ◆ Extensive product range with various additional service options available.
- ◆ All items delivered regularly on our own fleet of vehicles.
- ◆ Quality Assurance approval to ISO 9001:2015.
- ◆ Competitive prices & immediate response to enquiries.
- ◆ Excellent customer service guaranteed.

I am confident that you will find us to be competitive across our comprehensive stock range so please give me a call with your next requirement. I guarantee a price & service you can rely on!

Our product range includes:-

- ◆ *Stainless Steel & Aluminium - Sheet, Plate, Round Bar, Flat Bar, Angle, Channel, Tube, Pipe, Box Section & Forgings.*
- ◆ *Super Duplex - Duplex - Nickel Alloys - 17-4 PH Cond A*
- ◆ *Brass - Lead & Phosphor Bronze*

Our processing facilities includes:-

- ◆ *Sawing, Shearing, Plasma Profiling, Laser Cutting, Water Jet Cutting & Fabricating.*

www.taybrohalloys.co.uk

Tel: 01453 828991. Email: sales@taybrohalloys.co.uk

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Conversion Chart

	<u>Multiply by</u>	<u>SWG</u>	<u>Inches</u>	<u>mm</u>
Millimetres to inches	0.03937	4	0.232	5.89
Centimetres to inches	0.3937	6	0.192	4.88
Metres to feet	3.281	7	0.176	4.47
Inches to Millimetres	25.4	8	0.160	4.06
Inches to Centimetres	2.54	10	0.128	3.25
Feet to Metres	0.3048	12	0.104	2.64
Kilos to Pounds	2.205	14	0.080	2.03
Pounds to Kilos	0.4536	16	0.064	1.63
Kg p/mtr to Pounds p/ft	0.672	18	0.048	1.22
Pounds p/ft to Kg p/mtr	1.488	19	0.040	1.02
Sq ft to Sq mtr	0.09296	20	0.036	0.914
Sq mtr to Sq ft	10.76	21	0.032	0.813
Kg p/sq mm to Tons p/sq in	0.635	22	0.028	0.711
Tons p/sq in to Kg p/sq mm	1.575	24	0.022	0.559

Stockists of: Stainless Steels, Aluminium, Bronze, Duplex , Super Duplex, Nickel Alloys & 17-4 PH.

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Taybroh Alloys

Established 1978

Specification Chart

◆ Austenitic Heat Resisting Stainless Steels

Steel Number	Designation	AISI / ASTM	UNS	BS 970
1.4301	X5CrNi18-10	304	S30400	304S15 & 304S31
1.4305	X8CrNiS18-9	303	S30300	303S31
1.4306	X2CrNi19-11	N/A	N/A	N/A
1.4307	X2CrNi18-9	304L	S30403	304S11
1.4401	X5CrNiMo17-12-2	316	S31600	316S31
1.4404	X2CrNiMo17-12-2	316L	S31603	316S11
1.4435	X2CrNiMo18-14-3	N/A	N/A	316S13
1.4436	X3CrNiMo17-13-3	N/A	N/A	316S33
1.4539	X1NiCrMoCu25-20-5	904L	S08904	N/A
1.4541	X6CrNiTi18-10	321	S32100	321S31
1.4567	X3CrNiCu18-9-4	304Cu	S30430	N/A
1.4570	X6CrNiCuS18-9-2	N/A	N/A	N/A
1.4571	X6CrNiMoTi17-12-2	316Ti	S31635	320S31
1.4828 (1)	X18CrNiSi2012	N/A	N/A	N/A
1.4833 (1)	X12CrNi23-14	309	S30900	N/A
1.4841 (1)	X18CrNiSi25-21	314	S31400	N/A
1.4845 (1)	X8CrNi25-21	310	S31000	310S31
1.4909 (2)	X2CrNiMoN17-12-2	N/A	N/A	N/A

◆ Martensitic / Ferritic Stainless Steels

Steel Number	Designation	AISI / ASTM	UNS	BS 970
1.4000.	X6Cr13	403	S40300.	403S17
1.4005	X12CrS13	416	S41600.	416S21
1.4006	X12Cr13	410	S41000.	410S21
1.4016	X6Cr17	430	S43000.	430S17
1.4021	X20Cr13	420	S42000.	N/A
1.4028	X30Cr13	420	S42000.	N/A
1.4029	X29CrS13	420F	S42020.	N/A
1.4031	X39Cr13	420	S42000.	N/A
1.4034	X46Cr13	420	S42000.	N/A
1.4057	X17CrNi 16-2	431	S34100.	431S29
1.4104	X14CrMoS17	N/A	N/A	N/A
1.4105	X6CrMoS17	430F	S43020.	N/A
1.4106 (1)	X2CrMoSi S18-2-1	N/A	N/A	N/A
1.4114 (1)	X6CrMoSi 19-2	XM34	S18200.	N/A
1.4460.	X3CrNiMoN27-5-2	329	S32900.	N/A
1.4462	X2CrNiMoN22-5-3	F51	S31803	N/A

Note:

Whilst we have made every effort to ensure the information contained in these charts is correct. Taybroh Alloy & Stainless Steels Ltd assume no responsibility for errors in, or misinterpretation of the information here.

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Weight Calculation Chart

Stainless Steel Weights

Imperial Round Bar	=	Dia x Dia x 1.211	=	Kilos per Foot
Metric Round Bar	=	Dia x Dia x 0.00187	=	Kilos per Foot
Imperial Hexagon	=	A/F x A/F x 1.3354	=	Kilos per Foot
Metric Hexagon	=	A/F x A/F x 0.00206	=	Kilos per Foot
Imperial Flats & Squares	=	Width x Thickness x 1.5423	=	Kilos per Foot
Metric Flats & Squares	=	Width x Thickness x 0.00239	=	Kilos per Foot

For Brass weight Add 9% to Stainless Steel weight.

For Copper weight Add 16 % to Stainless Steel weight.

For Aluminium weight Divide By 3.

Please note the above calculations are for estimating purposes only

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Conversion Chart

Fractions of inches with their decimal & metric equivalents

Fraction	Decimal	Metric	Fraction	Decimal	Metric
1/32"	0.312	0.794	17/32"	0.53125	13.494
1/16"	0.0625	1.588	9/16"	0.5625	14.287
3/32"	0.0937	2.381	19/32"	0.59375	15.081
1/8"	0.125	3.175	5/8"	0.625	15.875
5/32"	0.1562	3.969	21/32"	0.65625	16.669
3/16"	0.1875	4.763	11/16"	0.6875	17.462
7/32"	0.21875	5.556	23/32"	0.71875	18.256
1/4"	0.25	6.35	3/4"	0.750	19.050
9/32"	0.28125	7.144	25/32"	0.78125	19.844
5/16"	0.3125	7.937	13/16"	0.8125	20.637
11/32"	0.34375	8.731	27/32"	0.84375	21.431
3/8"	0.375	9.525	7/8"	0.875	22.225
13/32"	0.40625	10.319	29/32"	0.90625	23.019
7/16"	0.437	11.112	15/16"	0.9375	23.182
15/32"	0.46875	11.906	31/32"	0.96875	24.606
1/2"	0.5	12.700	1"	1	25.400

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