

# M-MACHINE

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## METALS FOR MODEL ENGINEERS

### **PRICE LIST (VAT INCLUSIVE) MAY 2008**

PRICES CORRECT AT TIME OF PRINTING ARE NOT GUARANTEED FOR ANY FIXED PERIOD

Please contact us by phone 01325 381300 or fax 01325 381300 or e-mail on [sales@m-machine.co.uk](mailto:sales@m-machine.co.uk) to place an order or discuss your requirements.

We can accept payment by all major credit and debit cards with your telephone order or you may send a cheque or postal order.

We are open for counter service weekdays from 0830 to 1700 and often from 0900 to lunchtime Saturday (please phone for a Saturday visit).

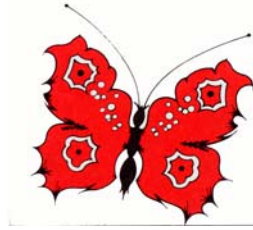
#### **Carriage Rates**

**Small orders will be sent by first class post (weights up to 1.0Kgs)**

Minimum Carriage will be £4.00.

Weights from 1.0Kg to 15Kg will be sent by carrier at a cost of £8.25.

**Carriage charges for the Highlands & Islands, Isle of Man, Channel Isles and Export, quoted at time of order.**



**YOU MAY BENEFIT BY READING THE FOLLOWING CAREFULLY**

**TERMS OF BUSINESS, PRICING AND DELIVERY**

**PAYMENT**

1. Your remittance, or card details, should accompany any order sent by post, which should include your address and telephone number.
2. Payment is acceptable by all major credit and debit cards, cheque (subject to the usual conditions) and postal orders.
3. Cheques and postal orders should be made payable to M-MACHINE
4. We require full card details for credit/debit card payment. (ring if unsure)

**GOODS**

1. Though care has been taken in the compilation of this catalogue, no liability can be accepted for any error.
2. On the rare occasions where damage or loss of goods in transit occurs compensation can be paid after a satisfactory investigation.
3. Ideally, goods for mail order will be a maximum of 750mm in length, but please state if specific lengths above this are required, as we can supply lengths up to a maximum of 3M but with modification of carriage charge.
4. Goods will usually be despatched within 10 working days, or as soon as complete.

**CATALOGUE PRICES**

1. Unless otherwise stated lengths of material will be supplied to plus or minus 2%. Please ensure you order sufficient to cover your FINISHED length.
2. Most prices are quoted as price per foot/300mm or price per inch/25mm. Please note that you can order the exact amount of material you need but requirements less than one inch will carry the 1inch/25mm price and requirements less than one foot in the ft/ 300mm price band may carry a £0.30p surcharge.

e.g. 1 3/4" length of 3" dia EN1A @ £1.45 per inch x 1.75 = £2.54

but 3/4" length of 3" dia EN1A @ £1.45 and the total price will remain at £1.45.

and 6" length of 1/2" dia EN1A @ £0.70 per foot x 0.5 = £0.35 + 0.30 = £0.65.

Similarly the same formula is applied to sheet.

e.g. 18" x 12" x 16swg brass sheet @ £9.22 per square foot x 1.5 = £13.83

**BUT**

12" x 6" x 16swg brass sheet @ £9.22 per square foot x 0.5 = £4.61 + £0.30 = £4.91.

3. We reserve the right to charge a minimum of £6.00 for goods on very small orders.
4. Carriage charges will be applied as follows: packages up to 1Kg (2.2lbs) in weight will be sent by first class post with a minimum charge of £4.00, packages between 1Kg and 15Kgs (22lbs) will be sent by carrier at a fixed cost of £8.25. Consignments weighing more than 10Kgs will have approx 25p per extra Kg. added.

M-MACHINE 01325 381 300

Any parcel exceeding 1.5metres in length may be subject to special rates.

5. **V.A.T. is included** in all prices in this catalogue.

## **Notice Board**

### **NOTICE May 2008**

Please check if you require small lengths of large section materials, or heavy sheet and plate, as the price may vary from that listed.

Large section materials are frequently bought in 'to order' as they are 'slow moving' items.

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The bulk price of metals, particularly Brass and Copper is particularly variable at the present time.

Needless to say, the variations are generally upwards.

We are attempting to hold our prices as advertised for as long as possible, but anyone with a catalogue more than a few months old should be aware that there will be variations.

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M-MACHINE 01325 381 300

INDEX

	Page		Page		Page
		<b><u>Aluminium</u></b>			<b><u>Stainless Steel</u></b>
Angles	7	<b><u>Copper</u></b>		Angles	19
Beading	6	Diameters	13	Diameters	18
Channels	7	Flats	13	Flats	19
Diameters	6	Foil / Shim	14	Hexagon	18
Flats	6	Plate	14	Pipe	20
Half Rounds	6	Sheet	14	Plate	19
Hexagons	6	Shim Washers	28	Screwed Rod	28
Plate	8	Squares	13	Sheet	19
Section (hollow)	7	Tube	13	Squares	18
Sheet	8	Wire	14	Tube - Seamless	20
Squares	6			<b><u>Steels</u></b>	
Tees	7	<b><u>Nickel Silver</u></b>		Angles - Black	26
Tubes	8	Diameters	14	Angles - Bright	26
		Sheet	14	Diameters	21
		Strip	14	Flats - Black	23
				Flats - Bright	22
		<b><u>Phos Bronze</u></b>		Foil / Shim	24
		<b>PB102</b>		Gauge Plate	25
		Diameters	15	Ground Flat Stock	25
		Foil / Shim	15	Hexagon	23
		Hexagon	15	Hollow Bar	27
		Plate	15	Key Steel	24
		Sheet	15	Plate	26
		Square	15	Precision Ground	24
		Strip	15	Screwed Rod	24
		Wire	15	Sheet - Cold Rolled	26
				Sheet - Galvanised	26
		<b><u>Colphos 90</u></b>		Silver Steel	24
		Diameters	15	Spring Steel	24
		Hexagon	15	Squares	23
				Tool Steel	24
		<b><u>Continuous Cast</u></b>		Tube - Seamless	27
		Diameters - Leded	16	Wire	24
		Diameters - PB1	16		
		Flats - Leded	16		
		Hollows - Leded	16		
		Hollows - PB1	16		
		Squares - Leded	16		
				<b><u>Plastics</u></b>	
		<b><u>Cast Iron</u></b>			
Diameters	12	Diameters - Nylon	17		
Squares	12				

Diameters - PTFE	17
Diameters - Tufnol	17
Flats - Nylon	17
Plate - Nylon/Lexan	17
Sheet - Nylon/Lexan	17
Strip - Tufnol	17

## ALUMINIUM

### DIAMETERS

Price per foot / 300mm				Price per inch / 25mm													
DIA	6082 HE30	FREE MACH	201 4 HE1 5	DIA	6082 HE3 0	FREE MACH	201 4 HE1 5	DIA	6082 HE3 0	FREE MACH	201 4 HE1 5	DIA	6082 HE3 0	FREE MACH	201 4 HE1 5	DIA	6082 HE30
1/8	0.59	-	POA	7/8	0.29	0.46	POA	2-1/8	1.61	-	POA	4	6.24	6.99	POA	8	20.14
3/16	0.59	0.60	POA	1	0.36	0.53	POA	2-1/4	1.78	2.22	POA	4-1/4	6.30	-	POA	8-1/2	
1/4	0.59	0.70	POA	1-1/8	0.46	0.61	POA	2-3/8	1.92	-	POA	4-1/2	8.69	-	POA	9	
5/16	0.68	0.95	POA	1-1/4	0.61	0.78	POA	2-1/2	3.25	2.63	POA	4-3/4	9.73	-	POA	10	
3/8	0.85	1.35	POA	1-3/8	0.66	0.86	POA	2-5/8	2.31	-	POA	5	10.06	-	POA	11	
7/16	1.13	1.60	POA	1-1/2	0.75	0.99	POA	2-3/4	2.43	3.19	POA	5-1/2	11.25	-	POA	12	
1/2	1.66	2.06	POA	1-5/8	0.97	1.16	POA	3	2.99	3.44	POA	6	11.99	-	POA	14	
9/16	1.75	2.20	POA	1-3/4	1.14	1.50	POA	3-1/4	3.67	4.69	POA	6-1/2	13.69	-	POA	16	
5/8	2.10	3.23	POA	1-7/8	1.27	1.68	POA	3-1/2	4.58	5.38	POA	7	15.05	-	POA		
3/4	2.50	3.66	POA	2	1.38	1.84	POA	3-3/4	4.92	5.72	POA	7-1/2	17.65	-	POA		
20	4.59		POA														

### SQUARES

Price per foot / 300mm				Price per inch / 25mm							
SQ	6082 HE30	SQ	6082 HE30	SQ	6082 HE30	SQ	6082 HE30	SQ	6082 HE30	SQ	6082 HE30
1/4	0.62	5/8	2.81	1-1/8	0.66	2	1.67	3	3.70	6	13.13
5/16	0.75	3/4	3.36	1-1/4	0.70	2-1/4	2.43	3-1/2	4.24		
3/8	1.15	7/8	4.28	1-1/2	0.97	2-1/2	2.55	4	6.15		
1/2	1.79	1	6.28	1-3/4	1.24	2-3/4	3.15	5	11.07		

### FLATS

Price per foot / 300mm								Price per inch / 25mm			
SIZE	6082 HE30	SIZE	6082 HE30	SIZE	6082 HE30	SIZE	6082 HE30	SIZE	6082 HE30	SIZE	6082 HE30
1/16 x 1/2	0.59	3/16 x 1	1.69	1/4 x 4	8.20	3/8 x 6	12.12	3/4 x 1 1/2	0.62	1 1/4 x 3	1.33
3/4	0.59	1 1/4	2.14	5	10.27	1/2 x 3/4	2.54	1 1/4	0.68	1 1/2 x 4	1.77
1	0.60	1 1/2	2.30	6	12.29	1	3.00	2	0.76	1 1/2 x 2	1.36
1/8 x 1/4	0.59	1 1/4	2.68	5/16 x 1/2	2.14	1 1/4	3.80	2 1/2	0.93	2 1/2	1.40
3/8	0.59	2	3.06	3/4	2.40	1 1/2	4.13	3	1.08	3	1.96
1/2	0.59	2 1/2	3.83	1	2.56	1 3/4	4.78	4	1.43	4	2.46
5/8	0.59	3	4.59	1 1/2	3.82	2	5.47	5	1.77	2 x 2 1/2	2.51
3/4	0.59	4	6.14	2	5.09	2 1/2	7.99	6	2.13	3	2.10
1	1.08	1/4 x 3/8	0.75	3/8 x 1/2	1.51	3	7.61	1 x 1 1/4	0.63	4	3.15
1 1/4	0.91	1/2	0.86	3/4	2.27	4	10.95	1 1/2	0.76	2 1/2 x 4	2.91
1 1/2	1.09	5/8	1.75	1	2.63	5	14.96	1-3/4	0.86	3 x 4	4.31
1 3/4	1.28	3/4	1.53	1 1/4	2.85	6	16.43	2	0.93		
2	1.40	1	2.10	1 1/2	3.02	5/8 x 1	4.26	2 1/2	1.16		
2 1/2	2.87	1 1/4	2.10	1 3/4	3.71	1 1/2	6.37	3	1.36		
3	3.48	1 1/2	2.38	2	4.42	2	8.34	4	1.75		
4	2.91	1 3/4	3.14	2 1/2	4.81	3	12.73	5	2.17		
6	4.47	2	3.14	3	5.77	4	16.96	6	2.38		
3/16 x 1/2	0.70	2 1/2	4.47	4	7.68	3/4 x 1	4.51	1 1/4 x 2	1.12		
3/4	1.04	3	5.38	5	10.73	1 1/4	5.61	2 1/2	1.16		

ALSO AVAILABLE IS A LIMITED RANGE OF 2014 / HE15 AND 6063 / HE9  
PRICE ON APPLICATION

### HEXAGONS

Price per foot / 300mm						Price per inch / 25mm					
A/F		A/F		A/F		A/F		A/F		A/F	
5/16	POA	.525	POA	.710	POA	7/8	POA	1.1	POA	1.48	POA
3/8	POA	.601	POA	3/4	POA	.920	POA	1.2	POA	1.67	POA
1/2	2.90	5/8	POA	.820	POA	1.01	POA	1.3	POA	1.86	POA

**HALF ROUNDS / BEADING**

Price per foot / 300mm

SIZE		SIZE		SIZE		SIZE	
3/16 x 1/2	PO A	3/16 x 3/4	POA	3/16 x 1	PO A	3/16 x 1¼	PO A
3/16 x 1½	PO A	1/4 x 1¼	POA	1/4 x 1½	PO A	1/4 x 2	PO A

**ALUMINIUM**

**EQUAL ANGLES**

Price per foot / 300 mm

SIZE	6082 HE30	SIZE	6082 HE30	SIZE	6082 HE30	SIZE	6082 HE30	SIZE	6082 HE30
3/8 x 3/8 x 1/16	0.95	1 x 1 x 1/4	4.26	1 ½ x 1 ½ x 1/4	6.36	2 ½ x 2 ½ x 3/16	9.68	4 x 4 x 3/8	
1/2 x 1/2 x 1/16	1.37	1 ¼ x 1 ¼ x 1/16	3.44	1 ¾ x 1 ¾ x 1/8	5.04	1/4	10.59	1/2	
1/8	1.96	1/8	3.48	1/4	8.50	3/8	15.89	6 x 6 x 1/2	
3/4 x 3/4 x 1/16	1.84	3/16	5.15	2 x 2 x 1/8	5.58	3 x 3 x 1/8	8.37		
1/8	1.95	1/4	6.82	3/16	6.72	1/4	12.70		
1 x 1 x 1/16	2.07	1 ½ x 1 ½ x 1/16	4.10	1/4	7.51	3/8	20.29		
1/8	2.30	1/8	4.20	3/8	12.70	4 x 4 x 1/8			
3/16	2.37	3/16	5.04	2 ½ x 2 ½ x 1/8	6.97	1/4			

MOST SIZES ARE ALSO AVAILABLE IN HE9/6063

**UNEQUAL ANGLES**

Price per foot

SIZE	6082 HE30	SIZE	6082 HE30	SIZE	6082 HE30	SIZE	6082 HE30	SIZE	6082 HE30
3/4 x 1/2 x 1/16	1.84	1 ½ x 3/4 x 1/8	3.91	2 x 1 ½ x 1/8	5.08	1/4	11.53	6 x 3 x 1/4	
1/8	2.04	1/8	4.08	3/16	7.67	3 x 1 ½ x 1/8	6.56	3/8	
1 x 1/2 x 1/16	1.85	3/16	6.10	1/4	10.24	1/4	12.94		
1/8	2.36	2 x 1/2 x 1/8	4.32	2 ½ x 1 x 1/8	5.11	3 x 2 x 1/8	7.29		
1 x 3/4 x 1/8	2.45	2 x 3/4 x 1/8	4.77	2 ½ x 1 ½ x 1/8	5.84	1/4	14.29		
1 ¼ x 3/4 x 1/8	3.23	2 x 1 x 1/8	4.89	3/16	8.75	4 x 2 x 1/8			
1 ¼ x 1 x 1/8	3.37	2 x 1 x 3/16	6.56	2 ½ x 1 ½ x 1/4	11.64	4 x 2 x 1/4			
1 ½ x 1/2 x 1/8	3.75	1/4	8.73	3 x 1 x 1/8	5.84	4 x 3 x 1/4			

MOST SIZES ARE ALSO AVAILABLE IN HE9/6063

**CHANNELS**

Price per foot / 300mm								Price per inch / 25mm	
SIZE	6082 HE30	SIZE	6082 HE30	SIZE	6082 HE30	SIZE	6082 HE30	SIZE	6082 HE30
3/8 x 3/8 x 1/16	1.78	1 x 1 x 1/8	2.81	3/16	9.64	2 ½ x 1 x 1/8	6.12	4 x 2 x 3/16	0.60
1/2 x 1/2 x 1/16	2.05	1¼ x 1/2 x 1/8	3.14	2 x 1/2 x 1/8	4.06	2 ½ x 1 ½ x 3/16	11.80	1/4	
1/8	2.12	1¼ x 3/4 x 1/8	3.93	2 x 1 x 1/8	5.39	3 x 1 x 1/8	6.82	5 x 2 x 1/4	
5/8 x 5/8 x 1/16	2.30	1¼ x 1 x 1/8	4.32	3/16	7.79	3 x 1 ½ x 1/8	8.42	6 x 2 x 1/4	
1/8	2.38	1¼ x 1¼ x 1/8	4.54	1/4	10.04	1/4	17.70	6 x 3 x 1/4	
3/4 x 1/2 x 1/8	2.47	3/16	7.85	2 x 1 ½ x 1/8	6.77	3 x 2 x 1/8	9.68	3/8	
3/4 x 3/4 x 1/8	3.17	1½ x 3/4 x 1/8	3.93	2 x 1 ½ x 1/4	11.64	3 x 2 x 1/4	18.70		
1 x 1/2 x 1/8	2.91	1½ x 1 x 1/8	4.66	2 x 2 x 1/8	8.22	4 x 1 x 1/8			
1 x 3/4 x 1/8	3.39	1½ x 1 ½ x 1/8	6.10	1/4	15.78	4 x 2 x 1/8			

**TEE**

Price per foot / 300mm									
SIZE	6082 HE30	SIZE	6082 HE30	SIZE	6082 HE30	SIZE	6082 HE30	SIZE	6082 HE30
1/2 x 1/2 x 1/16	1.69	1 x 1 x 1/16	3.42	1 ½ x 1 ½ x 1/8	4.70	2 x 2 x 1/8	6.39	2 ½ x 2 ½ x 1/4	16.17
3/4 x 3/4 x 1/16	1.94	1/8	3.12	3/16	6.95	3/16	11.03	3 x 3 x 1/4	
1/8	2.02	1¼ x 1¼ x 1/8	3.90	1/4	9.00	1/4	12.32	4 x 4 x 1/4	

**SQUARE BOX SECTIONS**

Price per foot / 300mm								Price per inch / 25mm	
SIZE	6082 H30	SIZE	6082 H30	SIZE	6082 H30	SIZE	6082 H30	SIZE	6082 H30
1/2 x 1/2 x 1/16	2.93	1 x 1 x 1/8	3.90	1 ½ x 1 ½ x 1/8	5.26	2 x 2 x 1/4	16.91	4 x 4 x 1/8	
3/4 x 3/4 x 1/16	2.17	1 ¼ x 1 ¼ x 1/16	4.64	1 ¾ x 1 ¾ x 1/8	5.93	2 ½ x 2 ½ x 1/8	10.29	1/4	
1/8	2.58	1/8	4.60	2 x 2 x 1/16	13.63	3 x 3 x 1/8	12.90		

**M-MACHINE 01325 381 300**

1 x 1 x 1/16	4.52	1 1/2 x 1 1/2 x 1/16	4.88	1/8	6.93	3 x 3 x 1/4	26.68
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SOME SIZES ALSO AVAILABLE IN HE9/6063

**RECTANGULAR BOX SECTIONS**

Prices per foot / 300mm

SIZE	6082 H30	SIZE	6082 H30	SIZE	6082 H30	SIZE	6082 H30
1 1/2 x 3/4 x 1/8	4.22	2 1/2 x 1 x 1/8	5.98	3 x 2 x 1/8	8.56	4 x 2 x 1/4	14.69
2 x 1 x 1/8	5.09	3 x 1 x 1/8	6.84	4 x 1 x 1/8	9.44	4 x 3 x 1/8	
2 x 1 1/2 x 1/8	5.98	3 x 1 1/2 x 1/8	7.69	4 x 2 x 1/8			

SOME SIZES ALSO AVAILABLE IN HE9/6063

**ALUMINIUM**

**TUBES**

Price per foot / 300mm			Price per inch / 25mm			Price per foot / 300mm			Price per inch / 25mm			Price per foot / 300mm			Price per inch / 25mm			
O.D.	Wall	HE 30	O.D.	Wall	HE 30	O.D.	Wall	HE 30	O.D.	Wall	HE 30	O.D.	Wall	HE 30	O.D.	Wall	HE 30	
3/16	x 20swg		5/8	x 10	3.31	1 1/4	x 16	0.25	1 3/4	x 1/4	POA	3	x 10	POA				
1/4	x 20		3/4	x 20	2.36		10	0.41	2	x 16	POA		1/4	POA		1	POA	
	16	3.64		18	1.78		3/16	0.60		10	POA	3	x 3/8	POA	4 1/2	x 1/4	POA	
5/16	x 20			16	1.87		1/4	0.74		3/16	POA		1/2	4.11	5	x 10	POA	
	16	3.14		10	2.81		1- 3/8	x 16	0.32		1/4	POA	3	x 3/4	POA	1/4	POA	
3/8	x 20		7/8	x 16	3.88		10	0.40	2	x 3/8	POA	3 1/2	x 16	POA		1/2	POA	
	16	1.36		10	4.47		1 1/2	x 16	0.33	2	1/2	POA		10	POA		1	POA
7/16	x 20	2.25	1	x 18	2.79		10	0.40	2 1/2	x 16	POA		1/4	POA	6	x 10	POA	
	16	2.55		16	2.48		3/16	0.45		10	POA		1/2	4.47		1/4	POA	
1/2	x 20	1.97		10	3.46		1/4	0.73		1/4	POA	4	x 16	POA		3/8	POA	
	16	1.82		3/16	4.89		1- 5/8	x 16	0.52		3/8	POA		10	POA	1/2	POA	
	10	4.11		1/4	5.44		10	0.64		1/2	POA		3/16	POA		1	POA	
5/8	x 20	2.92	1-1/8	x 16	4.93		1 3/4	x 16	0.59	2 3/4	x 10	POA		1/4	POA			
	16	1.84		10	6.01		10	0.53	3	x 16	POA		3/8	POA				

**CUT SHEET AND PLATE**

Specifications : up to 10 swg = 1050A (sic), 3/16 and 1/4 = 1050A (sic) 5083 (N8) or 6082 (H30)  
5/16 and above = 5083 (N8) or 6082 (H30)

Price per 300mm sq or 12"sq Or equivalent dimensions (e.g.24" x 6")					Price per inch sq. / 25mm sq.				
SIZE		SIZE		SIZE		SIZE		SIZE	
26swg	4.62	1.2mm(18)	6.61	3/16-5mm	13.49	5/8-16mm		1 3/4	4"
0.5mm(24)	4.88	16	7.13	1/4-6mm	20.99	3/4-20mm		2	5"
22swg	4.96	14	8.72	5/16-8mm	29.73	1"-25mm		2 1/2	6"
0.9mm(20)	5.21	12	10.67	3/8-10mm		1 1/4		3	
1.0mm(19)	5.68	10-3mm	11.80	1/2-12mm	49.70	1 1/2		3 1/2	

Please check for price on the thicker sizes.

**FULL SHEETS**

Spec : 1050A / sic SHEETS MAY BE SUPPLIED TO THE NEAREST METRIC THICKNESS (e.g. 12swg = 2.5mm)  
Price on Application

SWG	2m x 1m	2-5m x 1-25m	SWG	2m x 1m	2-5m x 1-25m	SWG	2m x 1m	2-5m x 1-25m
2 6swg			1.0mm (19 swg)			2.5mm (12 swg)		
0.5mm (24 swg)			1.2mm (18 swg)			10		
22			16			3/16		
0.9mm (20 swg)			14			1/4		

We can supply some Tread-plate.

Please ask if you have a requirement

TO CONVERT  
Mm to inch divide by 25.4  
Mm to feet divide by 304.8  
Mm sq to inch sq divide by 645.16  
Mm sq to feet sq divide by 92903.04  
Inch sq to feet sq divide by 144

SWG	INCH	MM	SWG	INCH	MM
26	.018	.457	18	.048	1.219
24	.022	.559	16	.064	1.626
22	.028	.711	14	.080	2.032
21	.032	.813	12	.104	2.642
20	.036	.914	10	.128	3.251
19	.040	1.016			

# BRASS

## DIAMETERS

Price Per Foot / 300mm				Price per inch / 25mm							
DIA	CZ121	CZ114	CZ112	DIA	CZ121	CZ114	CZ112	DIA	CZ121	CZ114	CZ112
	MACH.	Mang Bronze	Naval		MACH.	Mang Bronze	Naval		MACH.	Mang Bronze	Naval
1/16	1.35	-	-	5/8	0.53	-	-	1 -7/8	3.82	-	-
2mm	1.57	-	-	16mm	0.66	-	-	50mm	5.01	-	-
3/32	1.12	-	-	11/16	0.61	-	-	2	5.68	-	-
3mm	1.12	-	-	3/4	0.85	-	-	2 -1/8	5.52	-	-
1/8	1.12	-	-	20mm	0.88	-	-	2-1/4	6.22	-	-
5/32-4mm	1.12	-	-	13/16	1.00	-	-	2-3/8	6.98	-	-
3/16	1.12	-	-	22mm	0.92	-	-	2-1/2	10.00	-	-
5mm	1.34	-	-	7/8	0.99	-	-	2-5/8	8.08	-	-
7/32	1.34	-	-	15/16	1.32	-	-	2-3/4	9.40	-	-
6mm	1.39	-	-	25mm	1.29	-	-	3	11.12	-	-
1/4	1.36	-	-	1	1.29	-	-	3-1/4	14.96	-	-
9/32	1.53	-	-	1- 1/16	1.53	-	-	3-1/2	17.35	-	-
7mm	1.53	-	-	27mm	1.53	-	-	3-3/4	19.15	-	-
5/16	2.00	-	-	1 -1/8	1.65	-	-	4	POA	-	-
8mm	2.37	-	-	1-3/16	1.94	-	-	4-1/4	POA	-	-
3/8	2.81	-	-	30mm	2.23	-	-	4-1/2	POA	-	-
10mm	2.87	-	-	1-1/4	2.22	-	-	4-3/4	POA	-	-
7/16	3.11	-	-	1-3/8	2.26	-	-	5	POA	-	-
12mm	3.72	-	-	1 1/2	2.57	-	-	5-1/2	POA	-	-
1/2	4.11	-	-	40	4.02	-	-	6	POA	-	-
9/16	4.98	-	-	1-5/8	3.20	-	-	7	POA	-	-
15mm	10.87	-	-	1-3/4	3.35	-	-	8	POA	-	-
14mm	10.20	-	-			-	-			-	-

## SQUARES

Price per foot / 300mm				Price per inch / 25mm							
SIZE	CZ121	SIZE	CZ121	SIZE	CZ121	SIZE	CZ121	SIZE	CZ121	SIZE	CZ121
3/32	1.28	6mm	1.76	12mm	5.94	7/8	1.41	2	7.85	4	25.00
1/8	1.20	1/4	2.06	1/2	5.78	1	1.70	2-1/4	8.80		
5/32	1.43	5/16	2.75	9/16	10.13	1-1/8	2.23	2-1/2	9.78		
3/16	1.53	3/8	3.33	5/8	7.17	1-1/4	2.75	2-3/4	13.37		
5mm	2.31	10mm	4.77	3/4	13.74	1-1/2	4.14	3	14.04		
7/32	2.33	7/16	5.25	20mm	13.65	1-3/4	4.79	3-1/2	19.16		

## HEXAGONS

Price per foot / 300mm						Price per inch / 25mm					
A/F	CZ121	A/F	CZ121	A/F	CZ121	A/F	CZ121	A/F	CZ121	A/F	CZ121
1/8	0.81	7mm	1.62	7/16	3.72	11/16	0.78	.920	1.48	1-1/4	2.98
.152-5/32	0.83	.281-9/32	1.74	1/2	4.75	.710	0.87	24mm	1.48	1.3	2.15
3/16	1.00	5/16	2.28	.525	6.11	3/4	0.90	1"	1.48	1.48	3.16
.193	1.05	0.324	2.94	9/16	5.88	13/16	1.08	1.1	1.44	1.67	2.88
.218-7/32	1.47	3/8	4.28	.601	6.11	.820	1.04	1-1/8	2.75	1.86	5.50
1/4	1.47	.393-10mm	2.54	5/8	6.23	7/8	1.18	1.2	1.64	2.05	4.31

## FLATS

**M-MACHINE 01325 381 300**

Price per foot / 300mm				Price per inch / 25mm							
SIZE	CZ121	SIZE	CZ121	SIZE	CZ121	SIZE	CZ121	SIZE	CZ121	SIZE	CZ121
For		1/8 x 1	4.39	3/16 x 4	28.00	5/16 x 1	0.87	1/2 x 1 1/2	1.71	1 x 1 1/2	3.08
1/32"		1/4	4.85	1/4 x 3/8	3.18	1/2	1.31	1 3/4	2.03	1 3/4	3.83
Use		1/2	5.30	1/2	3.89	2	2.30	2	2.28	2	4.11
Sheet		3/4	6.70	5/8	5.57	3	3.40	2 1/2	2.75		
		2	7.10	3/4	5.82	3/8 x 1/2	0.50	3	3.15	3	5.96
1/16 x 1/4	1.18	2 1/2	8.34	1	7.74	5/8	0.65	4	4.00	4	7.94
5/16	1.33	3	9.75	1 1/4	10.00	3/4	0.68	6	5.55	6	11.90
3/8	1.33	4	14.85	1 1/2	15.46	1	0.89	5/8 x 1	1.49	1 1/4 x 2	5.10
1/2	1.59	6	23.75	1 3/4	13.95	1 1/4	1.11	1 1/2	2.04	2 1/2	6.39
5/8	2.39	3/16 x 1/4	2.18	2	15.65	1 1/2	1.34	2	2.58	3	7.37
3/4	2.84	3/8	2.37	2 1/2	17.25	2	1.74	3/4 x 1	1.76	1 1/2 x 2	6.10
1	3.40	1/2	3.29	3	22.40	2 1/2	2.04	1 1/4	2.16	3	7.60
2	5.60	3/4	4.43	4	29.00	3	2.46	1 1/2	2.54	4	10.00
3/32 x 1/4	2.12	1	5.76	5	39.90	4	3.14	2	3.32	2 x 3	10.00
1/8 x 1/4	2.69	1 1/4	8.40	6	45.00	6	4.73	2 1/2	3.83	4	13.50
3/8	2.59	1 1/2	10.00	5/16 x 3/8	5.67	1/2 x 5/8	0.71	3	4.68	3 x 4	20.26
1/2	2.82	2	10.65	1/2	5.88	3/4	0.89	4	5.60		
5/8	3.15	2 1/2	17.10	5/8	7.23	1	1.19	6	7.68		
3/4	3.53	3	20.00	3/4	7.75	1 1/4	1.47				

**BRASS**

**ANGLES**

Price per foot / 300mm				Price per inch / 25mm			
SIZE	CZ121	SIZE	CZ121	SIZE	CZ121	SIZE	CZ121
1/4 x 1/4 x 1/16	1.93	1/2 x 1/2 x 1/8	5.29	2 x 2 x 1/8	0.98	2 1/2 x 2 1/2 x 1/4	
5/16 x 5/16 x 1/16	2.30	5/8 x 5/8 x 1/8	5.32	1 x 1 x 3/16	0.73	3 x 3 x 1/4	
3/8 x 3/8 x 1/16	2.35	3/4 x 3/4 x 1/8	4.56	1 1/2 x 1 1/2 x 3/16	1.26	UNEQUAL ANG.	Per Ft.
1/2 x 1/2 x 1/16	4.75	1 x 1 x 1/8	5.85	2 x 2 x 3/16	2.64		
5/8 x 5/8 x 1/16	3.88	1 1/4 x 1 1/4 x 1/8	7.29	1 x 1 x 1/4	1.18	3/4 x 1/2 x 3/32	4.00
3/4 x 3/4 x 1/16	4.70	1 1/2 x 1 1/2 x 1/8	8.71	1 1/2 x 1 1/2 x 1/4	1.47	1.1/4 x 3/4 x 1/8	5.80
1 x 1 x 1/16	4.90			2 x 2 x 1/4	3.44	1-1/2 x 3/4 x 1/8	6.46

**CHANNELS**

**Prices per inch / 25mm**

SIZE	CZ121	SIZE	CZ121	SIZE	CZ121	SIZE	CZ121
3/8 x 3/8 x 1/16	0.61	5/8 x 5/8 x 1/16	0.85	5/8 x 5/8 x 1/8	1.44	1 x 1/2 x 1/8	1.55
1/2 x 1/2 x 1/16	0.68	3/4 x 3/4 x 1/16	0.90	3/4 x 3/4 x 1/8	1.59	1 x 1 x 1/8	2.09

**TEES**

**Prices per inch / 25mm**

SIZE	CZ121	SIZE	CZ121	SIZE	CZ121	SIZE	CZ121
3/8 x 3/8 x 1/16	0.42	1/2 x 1/2 x 1/8	0.60	1 x 1 x 1/8	0.90	2 x 2 x 1/4	2.90
1/2 x 1/2 x 1/16	0.48	3/4 x 3/4 x 1/8	0.70	1 1/2 x 1 1/2 x 1/8	1.27		

**HALF ROUND**

**Price per foot**

SIZE		SIZE		SIZE	
1/8	2.70	3/8	4.70	3/4	6.33
1/4	3.60	1/2	5.50	1	7.64

**CUT SHEET & PLATE**

**CZ120 = Engraving quality**

Price per sq. foot / 300mm sq (or equivalent dimension e.g. 18" x 8")					Prices per inch sq. / 25mm sq.						
SIZE	CZ108	CZ120	SIZE	CZ108	CZ120	SIZE	CZ112	CZ120	SIZE	CZ112	CZ120
27SWG	6.56	-	19SWG	11.58	-	3/16	-	-	3/4	-	-
26	5.88	-	18	14.75	-	1/4	-	-	1	-	-
24	7.34	-	16	16.78	-	5/16	-	-	1-1/4	-	-
22	8.52	-	14	20.97	-	3/8	-	-	1-1/2	-	-
21	9.34	-	12	26.77	-	1/2	-	-	2	-	-
20	10.27	-	10	32.50	-	5/8	-	-	-	-	-

**SHEET MAY BE SUPPLIED TO THE NEAREST METRIC THICKNESSES (e.g. 12swg = 2.5mm)**

**FULL SHEETS (CZ108) POA**

SWG	4ft x 2ft	2M x 1M	SWG	4ft x 2ft	2M x 1M	SWG	4ft x 2ft	2M x 1M
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27			20			12		
26			19			10		
24			18			3/16		
22			16			1/4		
21			14					

**FOIL - SHIM**

**Price per Half sq. foot (e.g. 12" x 6")**

SIZE		SIZE		SIZE		SIZE		SIZE	
.001	5.50	.003	4.13	.006	5.40	.010	6.50	.020	11.43
.0015	5.50	.004	4.50	.007	6.48	.012	7.24	.025	14.00
.002	3.86	.005	4.70	.008	7.16	.015	8.60		

TO CONVERT
Mm to inch divide by 25.4
Mm to feet divide by 304.8
Mm sq to inch sq divide by 645.16
Mm sq to feet sq divide by 92903.04
Inch sq to feet sq divide by 144

SWG	INCH	MM	SWG	INCH	MM
26	.018	.457	18	.048	1.219
24	.022	.559	16	.064	1.626
22	.028	.711	14	.080	2.032
21	.032	.813	12	.104	2.642
20	.036	.914	10	.128	3.251
19	.040	1.016			

**BRASS**

**TUBES**

Price per foot / 300mm						Price per inch / 25mm					
SIZE (swg)		SIZE (swg)		SIZE (swg)		SIZE (swg)		SIZE (swg)		SIZE (swg)	
1/16 x 26	1.47	5/16 x 24	2.35	1/2 x 18	4.99	1 x 10	10.69	2 x 16	1.25		
				16	5.29						
3/32 x 24	1.47			10	6.15	1 x 3/16	1.50	2 x 10	2.70		
1/8 x 24	1.70			9/16 x 20	4.00	1/4	1.54	2 x 3/16	3.50		
				16	6.05	1-1/8 x 16	1.18	1/4	3.07		
22	1.70			5/8 x 20	4.70	1/4 x 20	0.85	2 1/2 x 16	2.50		
5/32 x 28	1.70			16	5.86	16	0.88	10	3.25		
		3/8 x 26	3.10	18	4.94	10	1.45	3 x 16	1.70		
3/16 x 28	2.00			3/4 x 20	5.28	1 1/2 x 20	0.72	10	3.82		
				18	5.69	16	1.14	1/4	4.52		
22	2.00			16	7.85	10	1.41	3 1/2 x 16	2.94		
16	2.23			10	9.15	3/16	1.54	4 x 16	2.96		
7/32 x 20	2.00	7/16 x 26	3.28	7/8 x 18	6.17	1/4	1.68	10	4.95		
1/4 x 24	2.37			7/8 x 22	5.58	1 5/8 x 16	1.39	1/4	7.76		
				1 x 20	5.97	1 3/4 x 16	1.47				
22	2.07			18	7.70	10	2.02				
20	2.35			1 x 16	7.33	2 x 20	1.42				
18	2.47	1/2 x 26	3.72			2 x 18	1.29				
16	2.59										
9/32 x 26	2.17	20	4.70								

**SQUARE TUBE**

Price per foot / 300mm						Price per inch / 25mm			
SQ		SQ		SQ		SQ		SQ	
1/4	2.66	7/16	4.68	3/4	6.46	1-1/4	1.12	2	2.00
5/16	2.86	1/2	7.60	7/8	9.44	1-1/2	1.76		
3/8	3.38	5/8	6.11	1	9.05	2 x 1	1.66		

**BOILER BAND ( 22 Swg)**

Price per foot / 300mm									
SIZE		SIZE		SIZE		SIZE		SIZE	
1/8	.36	3/16	.63	5/16	.94	1/2	2.35	1	2.63
5/32	.53	1/4	.69	3/8	.95	3/4	2.17		

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**BRASS WIRE**

Price per 10 foot

SWG		SWG		SWG		SWG	
26	3.38	22	3.47	18	3.97	14	7.13
24	2.60	20	4.08	16	5.57	10	10.26

TO CONVERT
Mm to inch divide by 25.4
Mm to feet divide by 304.8
Mm sq to inch sq divide by 645.16
Mm sq to feet sq divide by 92903.04
Inch sq to feet sq divide by 144

SWG	INCH	MM	SWG	INCH	MM
26	.018	.457	18	.048	1.219
24	.022	.559	16	.064	1.626
22	.028	.711	14	.080	2.032
21	.032	.813	12	.104	2.642
20	.036	.914	10	.128	3.251
19	.040	1.016			

**CAST IRON**

**DIAMETERS**

Price per inch / 25mm

SIZE (mm)	GR17 GD 250	SG GGG 40	SIZE (mm)	GR17 GD 250	SG GGG 40	SIZE (mm)	GR17 GD 250	SG GGG 40
20		POA	110	4.70	POA	270	POA	POA
25	0.65	POA	115	5.17	POA	280	POA	POA
30	0.79	POA	120	5.76	POA	290	POA	POA
35	0.87	POA	125	6.10	POA	300	POA	POA
40	0.94	POA	130	6.46	POA	310	POA	POA
45	1.18	POA	140	7.64	POA	320	POA	POA
50	1.52	POA	150	11.00	POA	330	POA	POA
55	1.59	POA	160	11.24	POA	340	POA	POA
60	1.76	POA	170	POA	POA	350	POA	POA
65	1.88	POA	180	POA	POA	360	POA	POA
70	2.00	POA	190	POA	POA	370	POA	POA
75	2.23	POA	200	POA	POA	380	POA	POA
80	2.47	POA	210	POA	POA	390	POA	POA
85	2.70	POA	220	POA	POA	400	POA	POA
90	3.11	POA	230	POA	POA	410	POA	POA
95	3.41	POA	240	POA	POA	420	POA	POA
100	4.28	POA	250	POA	POA	430	POA	POA
105	4.50	POA	260	POA	POA	440	POA	POA

**SQUARES**

Price per inch / 25mm

SIZE (mm)	GR17	SIZE (mm)	GR17	SIZE (mm)	GR17	SIZE (mm)	GR17
25	1.18	80	5.15	140	14.89	240	
30	1.39	90	6.08	150	17.09	250	
40	2.07	100	8.46	160	19.43	260	
50	2.57	110	12.78	180	24.60	280	
60	3.18	120	12.80	200	30.38	300	
70	4.11	130	13.80	220			

FLAT BARS & CUT PLATE - May be available on request

**ALUMINIUM BRONZE**

(DGS1043 CA104 NES833)

**DIAMETERS**

Price per foot / 300mm	Price per inch / 25mm
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M-MACHINE 01325 381 300

DIA		DIA		DIA		DIA		DIA		DIA	
1/4	POA	3/4	POA	1-3/8	POA	2	POA				
5/16	POA	7/8	POA	1-1/2	POA						
3/8	POA	1	POA	1-5/8	POA						
1/2	POA	1-1/8	POA	1-3/4	POA						
5/8	POA	1-1/4	POA	1-7/8	POA						

**HEXAGONS**

Price per foot / 300mm				Price per inch / 25mm							
A/F		A/F		A/F		A/F		A/F		A/F	
7/16		5/8		7/8		1.1					
1/2		3/4		.920		1.2					
9/16		.820		1							

**COPPER**

**DIAMETERS**

Price per foot / 300mm				Price per inch / 25mm							
DIA		DIA		DIA		DIA		DIA		DIA	
1/16	1.00	3/8	4.68	20mm	1.07	1-1/2	3.92	3"	15.19		
1/8-3mm	1.00	10mm	4.66	7/8-22mm	1.13	40mm	4.86	4"	20.88		
5/32-4mm	1.68	7/16	5.15	25mm	1.52	1-5/8	5.42				
3/16	3.14	12mm	5.38	1"	1.54	1-3/4	5.95				
6mm	2.70	1/2	5.88	1-1/8	2.22	2"	7.80				
1/4	2.70	5/8	8.78	30mm	2.43	2-1/4	10.49				
5/16	3.82	16mm	8.97	1-1/4	2.70	2-1/2	12.89				
8mm	3.87	3/4	9.27	1-3/8	3.30	2-3/4	14.36				

**SQUARES**

Price per foot / 300mm						Price per inch / 25mm					
Sq	C101	Sq	C101	Sq	C101	Sq	C101	Sq	C101	Sq	C101
1/8	1.62	1/4	4.44	3/8	5.67	3/4	1.61	1 1/4	4.05	2	9.65
3/16	2.79	5/16	6.56	1/2	8.94	1	2.60	1 1/2	6.14		

**IMPERIAL FLATS**

Price per foot / 300mm				Price per inch / 25mm							
SIZE	C101	SIZE	C101	SIZE	C101	SIZE	C101	SIZE	C101	SIZE	C101
1/8 x 1/2	2.93	3/16 x 1 1/2	6.53	1/4 x 2 1/2	1.62	3/8 x 2 1/2	2.68	1/2 x 3	3.01	3/4 x 3	4.39
3/4	3.47	2	10.33	3	1.94	3	2.97	1/2 x 4	4.02	4	5.70
1	4.08	1/4 x 3/8	3.75	4	2.59	4	3.89	6	6.86	1 x 1 1/4	3.27
1 1/4	4.88	1/2	3.69	3/8 x 1/2	0.52	1/2 x 3/4	0.85	5/8 x 1	1.40	1 1/2	3.01
1 1/2	5.79	3/4	5.78	3/4	0.85	1	1.28	3/4 x 1	1.90	2	4.02
2	6.87	1	6.38	1	1.13	1 1/4	1.59	1 1/4	2.40	2 1/2	5.33
3/16 x 1/2	2.81	1 1/4	10.12	1 1/4	1.41	1 1/2	1.90	1-1/2	2.75	3	5.84
3/4	4.09	1 1/2	12.16	1 1/2	1.70	2	1.37	2	3.10	4	7.80
1	6.10	2	16.74	2	2.28	2 1/2	2.75	2-1/2	3.72		

**METRIC FLATS**

Price per foot / 300mm				Price per inch / 25mm							
SIZE (mm)	C101	SIZE	C101	SIZE	C101	SIZE	C101	SIZE	C101	SIZE	C101
3 x 12	2.84	4 x 50	8.55	6 x 30	0.80	10 x 15	0.65	10 x 150	6.45		
16	3.31	5 x 20	5.44	40	1.02	20	0.87				
20	3.44	25	6.23	50	1.39	30	1.29	12 x 30	1.55		
25	3.92	30	7.29	60	1.67	40	1.72	40	2.07		
30	4.70	40	7.37	8 x 30	0.92	50	2.19	60	3.11		
4 x 20	4.57	50	10.42	40	1.41	60	2.59	80	3.88		
25	5.33	6 x 12	5.77	60	2.12	80	3.44	100	4.12		
40	6.05	25	9.01	100	3.25	100	4.30	150	6.45		

**TUBE**

Price per foot / 300mm				Price per inch / 25mm			
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M-MACHINE 01325 381 300

OD WALL		OD WALL		OD WALL		OD WALL		OD WALL	
1/16 x 26swg	0.90	5/16 x 22swg	2.82	3/4 x 20swg	3.96	1 1/4 x 16swg	1.13	2 3/4 x 16swg	2.12
3/32 x 24	0.90	20	2.82	18	6.86	10	1.39	3 x 16	2.15
1/8 x 26	1.18	18	2.98	16	6.03	1-3/8 x 16	0.90	3 x 10	4.21
24	1.18	16	3.53	10	7.77	10	1.69	3 3/4 x 16	2.46
22	1.18	3/8 x 22	2.77	7/8 x 20	5.53	1-1/2 x 20	0.82	3 1/2 x 16	2.46
20	1.48	20	3.83	16	6.12	16	1.00	3 1/2 x 10	5.09
5/32 x 26	1.08	18	2.82	18	5.92	10	1.40	3 3/4 x 13	3.40
24	1.08	16	3.41	1	20	5.45	1/4	4 x 16	2.70
22	1.08	7/16 x 22	2.55	18	7.38	1-5/8 x 16	1.05	10	4.58
3/16 x 26	1.27	20	2.91	16	15.46	10	1.45	10	4.89
24	1.63	18	3.29	10	11.66	1 3/4 x 16	1.41	4 1/2 x 10	5.65
22	1.21	16	4.21	1 1/8 x 20	7.70	10	2.31	4 3/4 x 10	5.65
20	1.34	1/2 x 20	2.98	16	9.09	10	2.80	5 x 13	4.55
16	2.22	18	3.13	10	12.49	2 x 20	1.20	5 x 10	5.72
7/32 x 24	1.63	16	3.63	1 1/4 x 20	7.79	16	1.26	5-1/4" x 10	8.12
20	1.63	10	5.44	16	13.50	10	2.80	6 x 10	POA
1/4 x 22swg	2.03	9/16 x 18swg	4.03			2 1/4 x 16	2.81	6-1/4 x 10	POA
20	2.49	5/8 x 20	3.08			10	3.84	6-1/2 x 10	POA
18	2.84	16	8.62			2 1/2 x 20	1.46	6-3/4 x 10	POA
16	3.29	5/8 x 18	8.20			16	1.82	7 x 8	POA
		11/16 x 20	7.71			2 1/2 x 10	3.08	8-1/4" x 10	POA

# COPPER

## CUT SHEET & PLATE

Price per 300mm sq. or 12" sq. ( or equivalent dimension e.g. 18" x 8")				Price per inch sq or 25mm sq					
SIZE	C101 C106	SIZE	C101 C106	SIZE	C101 C106	SIZE	C101 C106	SIZE	C101 C106
26swg	12.50	19 swg	16.66	10 swg	0.31	3/8	0.67	1 1/4	
24	12.78	18	17.19	4mm	0.37	1/2	1.03	1 1/2	
22	14.69	16	22.08	3/16	0.39	5/8	1.12	2	
21	15.39	14	24.28	1/4	0.50	3/4	1.25		
20	16.16	13	28.55	5/16	0.60	1			

## FULL SHEETS C101/106

Price per sheet

SWG	4ft x 2ft	2m x 1m	SWG	4ft x 2ft	2m x 1m	SWG	4ft x 2ft	2m x 1m
26	POA	POA	19	POA	POA	10	POA	POA
24	POA	POA	18	POA	POA	3/16	POA	POA
22	POA	POA	16	POA	POA	1/4	POA	POA
21	POA	POA	14	POA	POA		POA	
20	POA	POA	13	POA	POA			

SHEET MAY BE SUPPLIED TO THE NEAREST METRIC THICKNESS (e.g. 12swg = 2.5m)  
PLEASE STATE IF CRITICAL

## FOIL & SHIM

Per 1/2 sq. ft (EG 12"x 6")

SIZE	C101	SIZE	C101	SIZE	C101	SIZE	C101	SIZE	C101
.002	4.11	.004	4.97	.006	5.42	.010	5.76	.015	8.63
.003	4.46	.005	5.19	.008	5.63	.012	7.84		

## WIRE

Prices per 10 feet coil

swg	Plain	Tinned	swg	Plain	Tinned	swg	Plain	Tinned	swg	Plain	Tinned	swg	Plain	Tinned
28	1.45	2.31	23	1.89	3.01	19	3.21	5.13	13	6.97	11.15	8		
26	1.45	2.31	22	2.13	3.41	18	3.65	5.83	12	7.61	12.17	6		
25	1.56	2.49	21	2.46	3.94	16	4.64	7.41	11	8.07	12.91	1/4		
24	1.72	2.75	20	2.88	4.60	14	5.76	9.22	10	8.51	13.62			

### TO CONVERT

Mm to inch divide by 25.4  
Mm to feet divide by 304.8  
Mm sq to inch sq divide by 645.16  
Mm sq to feet sq divide by 92903.04  
Inch sq to feet sq divide by 144

SWG	INCH	MM	SWG	INCH	MM
26	.018	.457	18	.048	1.219
24	.022	.559	16	.064	1.626
22	.028	.711	14	.080	2.032
21	.032	.813	12	.104	2.642
20	.036	.914	10	.128	3.251
19	.040	1.016			

**NICKEL SILVER**

**DIAMETERS**

Price per Foot

<b>DIA</b>		<b>DIA</b>		<b>DIA</b>		<b>DIA</b>		<b>DIA</b>		<b>DIA</b>	
1/8	1.50	3/16 / 5mm	2.82	5/16	4.49	7/16	7.01	5/8	13.38	1"	40.73
5/32	2.12	1/4 / 6mm	3.76	3/8	6.00	1/2	8.37	3/4	18.10		

**SHEET**

Prices per 12" x 6"

<b>0.010</b>	4.82	<b>26swg</b>	8.11	<b>22swg</b>	11.63	<b>18swg</b>	17.47	<b>10swg</b>	55.00
<b>28swg</b>	6.84	<b>24swg</b>	9.38	<b>20swg</b>	14.18	<b>16swg</b>	23.29	<b>14swg</b>	29.26

**SECTION**

Price per foot

SQUARE				FLAT			
1/8	1.79	3/16	2.95	1/4 X 1/16	1.93	1/4 X 1/8	3.76

**PHOS. BRONZE**

**PB 102**

**DIAMETERS**

Price per foot / 300mm				Price per inch / 25mm							
DIA		DIA		DIA		DIA		DIA		DIA	
3/32		1/4	5.65	5/8	1.09	1-1/4	5.04	2-1/2		4	POA
1/8	1.54	5/16	6.32	3/4	1.37	1-1/2	5.48	2-3/4	POA		
5/32	2.91	3/8	7.29	7/8	1.90	1-3/4	6.94	3	POA		
3/16	5.38	7/16	8.70	1	2.08	2		3-1/4	POA		
7/32		1/2	10.80	1-1/8	2.83	2-1/4		3-1/2	POA		

ALSO AVAILABLE IS A LIMITED RANGE OF METRIC SIZES  
PRICES ON APPLICATION

**HEXAGONS**

Price per inch / 25mm

A/F		A/F		A/F		A/F		A/F	
3/16	0.49	10mm	0.90	5/8	1.46	.920		1.2"	
1/4	0.53	1/2	1.09	3/4	1.59	1"			
7mm	0.71	.525	1.30	.820	2.59	1.1"			

**SQUARES**

Price per inch / 25mm

SQ		SQ		SQ		SQ		SQ	
1/4	0.93	5/8	2.22	1	3.43	1-1/2	8.40	2	12.93
1/2	1.35	3/4	2.82	1-1/4	6.03	1-3/4	12.35		

FLATS Please note that strips & flats can be guillotined or sawn from the sheet & plate shown below.

**SHEET & PLATE**

Price per 1/2 sq foot (e.g. 12" x 6" or 300mm x 150mm)				Prices per inch sq. or 25mm sq.							
SIZE		SIZE		SIZE		SIZE		SIZE		SIZE	
20 SWG	13.31	14 SWG	30.27	1/4	1.37	1/2	1.66				
18	17.68	10	40.48	5/16	1.65						
16	22.20	3/16	63.58	3/8	1.80						

**FOIL / SHIM**

Price per 1/2 sq. foot (e.g. 12" x 6")

SIZE		SIZE		SIZE		SIZE		SIZE		SIZE	
.004	6.30	.006	9.26	.010	16.05	.015	17.70	.020	17.70	.028	19.85
.005	7.84	.008	12.13	.012	17.10	.018	19.50	.024	19.58		

**PHOS BRONZE WIRE (PB102)**

PRICES PER 10 FOOT COIL							
SIZE		SIZE		SIZE		SIZE	
10swg	18.46	16swg	9.58	20swg	5.36	24 swg	5.36
14swg	13.53	18swg	6.99	22 swg	3.84	26swg	3.84

**HARDSTRIP IN COIL**

PRICES PER FOOT	
1/2 x 16swg	3.23
3/4 x 16swg	4.86

**COLPHOS 90 LEAD-BEARING PHOS. BRONZE**

DIAMETER

Price per foot / 300mm				Price per inch / 25mm			
SIZE	PRICE	SIZE	PRICE	SIZE	PRICE	SIZE	PRICE
1/8	1.13	5/16	5.80	5/8	0.94		
5/32	2.37	3/8	6.47	3/4	1.29		
3/16	2.95	7/16	7.65	1	2.03		
1/4	3.34	1/2	7.86				

HEXAGON

Price per foot / 300mm				Price per inch / 25mm			
A/F	PRICE	A/F	PRICE	A/F	PRICE	A/F	PRICE
5/32	2.03	0.324	5.70	0.413	1.13	13mm	1.29
1/4	4.43	10mm	8.37	7/16	1.72	0.601	1.69

**PHOS. BRONZE**

**CONTINUOUSLY CAST LEADED GUNMETAL AND PB1 LEAD FREE BRONZE**

DIAMETERS

Price per inch / 25mm

DIA	LEAD-GM	PB1	DIA	LEAD-GM	PB1	DIA	LEAD-GM	PB1	DIA	LEAD-GM	PB1
1/2	0.99	1.01	1-5/8	5.29	-	3-3/4	POA	POA	7	POA	POA
5/8	1.15	1.28	1-3/4	5.41	7.27	4	POA	POA	7-1/2	POA	POA
3/4	1.32	1.55	2	7.38	9.25	4-1/4	POA	POA	8	POA	POA
7/8	1.69	-	2-1/4	8.81	11.91	4-1/2	POA	POA	9	POA	POA
1	2.06	2.35	2-1/2	10.97	12.65	4-3/4	POA	POA	10		-
1-1/8	2.94	-	2-3/4	12.03	13.85	5	POA	POA	11		-
1-1/4	3.53	4.10	3	14.84	19.32	5-1/2	POA	POA	12		-
1-3/8	4.11	-	3-1/4	16.92	22.31	6	POA	POA			
1-1/2	4.68	5.48	3-1/2	18.37	27.77	6-1/2	POA	POA			

HOLLOWS

Price per inch / 25mm

OD-ID	LD-GM	PB1	OD - ID	LD-GM	PB1	OD - ID	LD-GM	PB1	OD - ID	LD-GM	PB1
1 x 1/2	2.06	POA	2 1/2 x 1 3/4	POA	POA	3 3/4 x 3	POA	POA	6 x 4 1/2	POA	POA
1 x 3/4	1.78	POA	2	POA	POA	4 x 1	POA	POA	5	POA	POA
1 1/4 x 1/2	3.08	POA	2 3/4 x 1	POA	POA	1 1/2	POA	POA	6 1/2 x 4	POA	POA
3/4	2.81	POA	1 1/4	POA	POA	2	POA	POA	5	POA	POA
1	2.70	POA	1 1/2	POA	POA	2 1/2	POA	POA	7 x 3	POA	POA
1 1/2 x 1/2	3.62	POA	1 3/4	POA	POA	3	POA	POA	4	POA	POA
3/4	3.53	POA	2	POA	POA	3 1/4	POA	POA	5	POA	POA
1	3.40	POA	3 x 1	POA	POA	4 1/2 x 2	POA	POA	6	POA	POA
1 3/4 x 1	5.05	POA	1 1/4	POA	POA	2 1/2	POA	POA	8 x 4	POA	POA
1 1/4	POA	POA	1 1/2	POA	POA	3	POA	POA	5	POA	POA
1 1/2	POA	POA	2	POA	POA	3 1/2	POA	POA	6	POA	POA
2 x 1/2	POA	POA	2 1/4	POA	POA	5 x 2	POA	POA	9 x 4	POA	POA
3/4	POA	POA	2 1/2	POA	POA	2 1/2	POA	POA	5	POA	
1	POA	POA	3 1/4 x 1 1/2	POA	POA	3	POA	POA	6		
1 1/4	POA	POA	2	POA	POA	3 1/2	POA	POA	7		
1 1/2	POA	POA	2 1/4	POA	POA	4	POA	POA	10 x 5		
2 1/4 x 1	POA	POA	2 1/2	POA	POA	5 1/2 x 3	POA	POA	6		
1 1/4	POA	POA	3 1/2 x 1 1/2	POA	POA	3 1/2	POA	POA	7		
1 1/2	POA	POA	2	POA	POA	4	POA	POA	8		
1 3/4	POA	POA	2 1/4	POA	POA	6 x 2	POA	POA	11 x 8		
2 1/2 x 1	POA	POA	2 1/2	POA	POA	3	POA	POA	12 x 6		
1 1/4	POA	POA	3 3/4 x 2	POA	POA	3 1/2	POA	POA	8		
1 1/2	POA	POA	2 1/2	POA	POA	4	POA	POA	9		

M-MACHINE 01325 381 300  
LEADED BRONZE SQUARES

Price per inch / 25mm

SIZE		SIZE		SIZE		SIZE		SIZE		SIZE	
1/2	1.42	3/4	2.29	1	3.36	1½	6.70	2	11.94	3	26.24
5/8	2.14	7/8	2.53	1¼	4.47	1¾	8.95	2½	18.46	4	44.47

FLATS AND BLOCKS May be cut to your requirements.

## PLASTICS

### NYLON 66

Price per foot / 300mm		Prices per inch / 25mm									
DIA (mm)		DIA (mm)		DIA (mm)		DIA (mm)		DIA (mm)		DIA (mm)	
6	0.59	20	0.40	40	0.99	70	2.92	100	5.96	130	11.98
8	0.68	22	0.45	45	1.24	75	3.35	105	6.57	140	13.63
10	0.98	25	0.47	50	1.53	80	3.72	110	7.21	150	15.45
12	1.19	30	0.60	55	1.91	85	4.30	115	7.88	160	17.36
15	1.87	32	0.63	60	2.15	90	4.82	120	8.51	180	21.26
16	1.98	35	0.73	65	2.51	95	5.38	125	10.31	200	26.20

### NYLON 6 SHEET AND PLATE

Price per sq foot / 300mm or equivalent dimensione.g.18"x 8				Prices per sq inch / 25mm							
MM		MM THICK		MM THICK		MM THICK		MM THICK		MM THICK	
1	7.90	4	16.14	8	0.20	15	0.34	25	0.54	50	0.96
2	10.19	5	18.70	10	0.25	16	0.38	30	0.62		
3	13.29	6	22.16	12	0.29	20	0.45	40	0.79		

STRIP FLAT AND SQUARE CAN BE CUT FROM THE ABOVE SHEET AND PLATE.

### PTFE

Prices per foot / 300mm						PER INCH					
DIA (mm)		DIA (mm)		DIA (mm)		DIA (mm)		DIA (mm)		DIA (mm)	
6	1.05	12	3.80	20	7.73	30	1.76	45	3.44	60	7.5
8	1.86	15	5.47	25	12.04	35	2.30	50	3.82	65	
10	2.56	16	5.70			40	3.02	55		70	

### TUFNOL

Prices per inch / 25mm

DIA (mm)		DIA (mm)		DIA (mm)		DIA (mm)		DIA (mm)	
6	0.51	15	1.23	30	3.87	50	6.90	70	
8	0.72	16	1.27	35	4.58	55		75	
10	0.93	20	1.67	40	5.39	60		80	

M-MACHINE 01325 381 300

12	1.07	25	2.37	45	6.14	65		
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**TUFNOL STRIP** ( cut from sheet so edges not perfectly straight )

Prices per foot / 300mm						PERSPEX per foot					
3/8 x 1/32	0.54	1/2 x 1/32	0.65	5/8 x 1/32	0.73	10	2.14	12	3.08	15	4.23
7/16 x 1/32	0.56	9/16 x 1/32	0.66	3/4 x 1/32	0.87						

**ACETAL / DELRYN**

Prices: as Nylon 66 + 50% up to 100mm Dia.

Perspex and other Plastics also available.

# STAINLESS STEELS

**DIAMETERS (non-magnetic)**

Price per foot / 300mm				Price per inch / 25mm							
DIA.	303	304	316	DIA.	303	304	316	DIA.	303	304	316
1/16	0.71	0.59	0.80	3/4	0.62	0.59	0.83	3-1/4	6.82	7.61	11.07
2mm	0.71	0.59	0.88	20mm	0.53	0.62	0.91	3-1/2	7.89	8.29	12.82
3/32	0.71	-	-	13/16	0.63	0.67	1.12	3-3/4	8.76	9.65	13.83
3mm	0.71	-	-	22mm	0.64	0.68	1.14	4"	9.86	9.75	16.47
1/8	0.82	0.82	0.94	7/8	0.64	0.68	1.14	4-1/4	11.37	12.07	18.27
5/32-4mm	1.16	0.63	1.03	24mm	0.68	-	-	4-1/2	12.24	12.02	18.42
3/16	1.18	1.19	1.84	25mm	0.69	0.74	1.23	4-3/4	14.45	14.35	22.55
5mm	1.39	0.74	2.14	1"	0.87	0.75	1.41	5	15.80	15.60	24.23
7/32	1.33	-	-	1-1/16 - 27m	0.83	0.89	1.45	5-1/2	19.30	19.16	28.12
6mm	1.39	1.08	1.52	1-1/8	0.88	0.95	1.56	6"	24.69	23.59	32.36
1/4	1.49	1.55	2.09	1-3/16 - 30m	0.98	1.06	1.59	6-1/2	-	25.15	39.08
9/32	2.26	-	-	1-1/4	1.92	1.30	1.93	7	-	31.69	44.31
7mm	1.44	-	-	1-3/8 - 35m	1.27	1.38	2.29	7-1/2	-	33.52	49.86
5/16	2.54	1.67	2.51	1-1/2	2.89	1.52	2.74	8	-	35.36	51.96
8mm	2.20	1.77	2.73	40mm	1.88	1.92	3.69	8-1/2	-	please	apply
3/8	3.16	2.07	2.96	1.5/8	2.52	2.66	3.62	9			
10mm	2.33	2.38	3.44	1-3/4	4.55	2.87	3.86	10			
7/16	3.45	2.74	3.76	45mm	2.78	2.92	3.97	11			
12mm	2.96	3.25	4.50	1-7/8	2.99	3.03	4.21	12			
1/2	4.61	3.67	4.59	50mm	2.86	2.94	4.31				
14mm	3.76	-	-	2"	4.28	3.06	4.64				
9/16	4.76	3.95	5.30	2-1/8	3.09	3.16	4.57				
15mm	3.96	4.22	5.64	2-1/4	3.31	3.42	4.81				
5/8	4.88	4.50	6.07	2-3/8 - 60m	3.68	3.71	4.96				
16mm	4.48	4.68	6.43	2-1/2	3.78	3.89	5.65				
17mm	5.69	5.92	-	2-5/8	4.28	4.95	8.02				
11/16	5.41	5.85	7.67	2-3/4	4.93	5.07	11.75				
18mm	5.46	-	-	3"	5.76	5.87	10.07				

ALSO AVAILABLE IS A LIMITED RANGE OF 321 & 310

**DIAMETERS (magnetic)**

Price per foot / 300mm						Price per inch / 25mm							
DIA	EN56A M 416	EN574 31	DIA	EN56A M 416	EN574 31	DIA	EN56A M 416	EN574 31	DIA	EN56A M 416	EN574 31	DIA	EN574 31
6mm	POA	POA	1/2	POA	POA	25mm	POA	POA	1-5/8	POA	POA	3-1/4	POA
1/4	POA	POA	9/16	POA	POA	1	POA	POA	1-3/4	POA	POA	3-1/2	POA
5/16	POA	POA	5/8	POA	POA	1-1/8	POA	POA	50mm	POA	POA	3-3/4	POA
8mm	POA	POA	16mm	POA	POA	30mm	POA	POA	2"	POA	POA	4	POA
3/8	POA	POA	3/4	POA	POA	1-1/4	POA	POA	2-1/4	POA	POA	4-1/2	POA
10mm	POA	POA	20mm	POA	POA	1-3/8	POA	POA	2-1/2	POA	POA	5	POA
7/16	POA	POA	22mm	POA	POA	1-1/2	POA	POA	2-3/4	POA	POA	5-1/2	POA
12mm	POA	POA	7/8	POA	POA	40mm	POA	POA	3	POA	POA	6	POA

ALSO AVAILABLE IS ALIMITED RANGE OF 410 & 420 SPECIFICATION

**HEXAGONS**

M-MACHINE 01325 381 300

Price per foot / 300mm						Price per inch / 25mm					
A/F	303	316	A/F	303	316	A/F	303	316	A/F	303	316
1/8	0.85	-	.393-10mm	2.55	4.26	3/4	1.22	1.18	1.3	2.87	2.20
.152-5/32	0.92	-	7/16	3.03	6.71	13/16	0.84	1.24	1.48	1.77	2.65
3/16	1.09	-	.445	4.59	-	.820	1.26	1.70	1.67	2.17	3.24
.193	1.12	-	1/2	4.03	8.84	7/8	1.03	1.35	1.86	2.62	3.94
.218-7/32	1.69	-	.525	4.74	7.42	.920	1.07	2.22	2.05	2.90	4.43
1/4	1.35	2.40	9/16	4.88	8.10	24mm	1.12	0.91	2.22	3.34	4.98
.282-7mm	1.66	-	.601	10.30	8.82	1"	1.96	1.53	2-3/8	4.07	6.07
9/32	2.06	-	5/8	6.09	9.20	1.1	2.35	1.60	2-1/2	4.36	6.50
5/16	1.96	3.28	11/16	8.07	12.21	1.1/8	1.25	1.84			
.324	2.00	-	.710	10.93	13.12	1.2	2.46	1.94			
3/8	2.78	4.58				1.14	1.40	2.12			

SQUARES

Price per foot / 300mm				Price per inch / 25mm								
SQ	303	304	316	SQ	303	304	316	SQ	303	304	316	
1/8	2.64	2.00	1.92	5/8	0.48	0.51	0.60	1 1/2	-	1.56	3.63	
3/16	2.05	2.04	2.14	3/4	0.53	0.48	0.68	1 3/4	-	2.12	3.29	
1/4	2.07	1.83	2.15	20mm	0.69	0.65	-	2"	-	2.72	4.21	
5/16	3.27	3.27	4.39	7/8	0.86	0.68	1.05	2 1/4	-	-	5.68	
3/8	3.33	3.10	4.47	1"	-	1.08	1.28	2 1/2	-	4.03	6.24	
10mm	4.92	3.71	5.23	1 1/8	-	-	-	3"	-	5.86	9.10	
1/2	4.64	4.70	6.15	1 1/4	-	2.75	1.75	25mm	-	1.08		

# STAINLESS STEELS

IMPERIAL FLATS

PLEASE NOTE

IT IS GETTING INCREASINGLY DIFFICULT TO SOURCE IMPERIAL SIZED FLATS, THEREFORE, FOR EXAMPLE, 3/4 x 3/8 MAY BE SUPPLIED AS 20mm x 10mm AND 1 x 1/4 AS 25mm x 6mm.

PLEASE STATE IF YOUR REQUIRED DIMENSIONS ARE CRITICAL

Price per foot / 300mm			Price per inch / 25mm								
SIZE	304	316	SIZE	304	316	SIZE	304	316	SIZE	304	316
3mm x 12	1.76	1.31	1/4 x 1 1/4	0.40	0.59	3/8 x 3	1.12	1.61	3/4 x 1 1/4	0.89	1.28
3mm x 20	1.79	1.74	6mm x 40	0.59	0.62	1/2 x 4	1.46	2.10	1 1/2	1.03	1.47
3mm x 25	1.46	1.93	1 1/4	0.69	0.67	1/2 x 3/4	0.36	0.79	2	1.17	1.67
3mm x 30	3.72	2.55	6mmx50	0.79	0.71	12 x 25	0.86	0.90	2 1/2	1.38	1.98
1.1/2	2.17	2.73	2 1/2	-	0.86	1 1/4	0.59	0.86	3	1.65	2.38
2"	2.81	3.70	3"	-	1.06	1 1/2	0.72	1.02	4	2.20	3.16
5mmx12	1.73	1.74	4"	-	1.41	1 3/4	0.85	1.22	1 x 1 1/4	1.01	1.44
5mmx20	2.63	2.31	5/16 x 1"	0.51	0.74	2	0.95	1.38	1 1/2	1.13	1.63
5mmx25	3.51	3.05	2"	0.85	1.23	2 1/2	1.25	1.47	2	1.51	2.15
3/16x1 1/4	3.14	4.51	3/8 x 3/4	0.32	0.46	3	1.13	1.63	2 1/2	1.89	2.74
1 1/2	3.87	5.57	1	0.42	0.61	4	1.50	2.15	3	2.20	3.16
2"	3.92	5.64	1 1/4	0.53	0.76	5/8 x 1	0.59	0.86	4	2.92	4.17
1/4 x 1/2	1.42	4.42	1 1/2	0.61	0.91	1 1/2	0.84	1.02	1 1/2 x 2	1.90	2.74
3/4	2.13	3.06	2	0.85	1.22	2	1.20	1.74	3	2.79	4.01
6mmx25	6.49	6.15	2 1/2	1.01	1.44	3/4 x 1	0.72	1.02	2 x 4	3.72	5.35

THE ABOVE SIZES ARE GENERALLY SHEARED IN THE THINNER SIZES AND HOT ROLLED IN THE THICKER SIZES

ANGLES

Price per foot			Price per Inch					
SIZE	304	316	SIZE	304	316	SIZE	304	316
3/4 x 3/4 x 1/8	2.93	4.05	1-1/2 x 1-1/2 x 1/8	0.54	0.79	2 x 2 x 1/4	1.18	1.84
1 x 1 x 1/8	3.85	5.49	3/16	0.76	1.02			
3/16	5.91	8.25	1/4	0.98	1.35			
1/4	7.93	11.47	1-3/4 x 1-3/4 x 1/8	0.62	0.91			
1-1/4 x 1-1/4 x 1/8	5.42	6.85	1/4	0.76	1.14			
3/16	6.62	10.29	2 x 2 x 1/8	0.69	1.02			
1/4	8.62	13.39	3/16	0.98	1.50			

ANGLE MAY BE SUPPLIED TO THE METRIC EQUIVALENT (e.g. 1 1/2 x 1 1/2 x 1/8 = 40 x 40 x 3)

CUT SHEET & PLATE

Price Per 300mm sq. or 12"sq or equivalent (e.g. 8" x 18")						Prices per inch sq. or 25mm sq.					
Thickness	304	316	Thickness	304	316	Thickness	304	316	Thickness	304	316
24 swg	4.70	7.10	14swg	11.88	19.42	3/8	0.39	0.52			

M-MACHINE 01325 381 300

22	6.06	9.95	12	17.48	23.81	1/2	0.50	0.66			
20	7.57	11.93	10	20.75	30.34	5/8	0.54	0.72			
19	8.14	18.80	3/16	28.05	42.95						
18	8.79	13.39	1/4	35.15	56.75						
16	10.54	15.59	5/16	45.96	69.66						

TO CONVERT

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Mm to inch divide by 25.4  
Mm to feet divide by 304.8  
Mm sq to inch sq divide by 645.16  
Mm sq to feet sq divide by 92903.04  
Inch sq to feet sq divide by 144

SWG	INCH	MM	SWG	INCH	MM
26	.018	.457	18	.048	1.219
24	.022	.559	16	.064	1.626
22	.028	.711	14	.080	2.032
21	.032	.813	12	.104	2.642
20	.036	.914	10	.128	3.251
19	.040	1.016			

# STAINLESS STEELS

## SEAMLESS TUBES

Price per foot							Prices per inch / 25mm				
OD	WALL	304	316	OD	WALL	304	316	OD	WALL	304	316
	(swg-mm)			(swg-mm)				(swg-mm)			
1/16	x 33	3.63	5.22	1/2	x 20	6.01	8.65	1"	x 3/16	1.94	2.81
	27	3.77	5.39		18	6.66	9.57		1/4	2.58	3.71
3/32	x 27	3.44	4.96		16	7.31	10.50	1-1/8	x 16	1.26	1.82
1/8	x 30	2.92	4.21		14	7.81	11.22	30mm	x 2	1.91	2.76
	24	2.95	4.26		10	8.48	12.20		3	2.54	3.65
	22	2.99	4.30	9/16	x 20	6.98	10.05	1-1/4	x 20	0.96	1.39
	20	3.06	4.42		16	7.88	11.33		18	1.08	1.56
	18	3.42	4.92	15 mm x 1.0 mm		6.36	9.13		16	1.40	2.02
3/16	x 22	3.13	4.50	1.5mm		8.24	11.87		14	1.97	2.82
	20	3.28	4.72	2.0mm		9.11	13.09		10	2.65	3.81
6mm x 0.5mm		3.80	5.41	5/8	x 20	6.37	9.15	1-1/2	x 20	1.14	1.64
1.0mm		3.98	5.65		18	7.16	10.30		18	1.30	1.86
1.5mm		4.33	6.15		16	8.03	11.53		16	1.68	2.40
1/4	x 24	3.13	4.51		14	8.60	12.37		14	2.09	3.01
	22	3.19	4.58	10		9.38	13.48		10	2.98	4.27
	20	3.35	4.81	16mm x 1.0mm		6.86	9.86		3/16	4.28	6.16
	18	3.92	5.64	1.5mm		8.03	11.55		1/4	5.33	7.66
	16	4.21	6.07	3/4	x 20	7.66	10.99	1-3/4	x 16	2.98	4.27
5/16	x 22	3.71	5.34		18	8.74	10.91		10	3.31	4.76
	20	4.02	5.78		16	9.68	13.94		1/4	6.30	9.06
	18	4.36	6.26		14	10.87	15.64	2	x 18	2.27	3.27
	16	4.72	6.79	20	x 1.0mm	8.38	12.03		16	2.99	4.30
8mm x 1.0mm		3.94	5.61	1.5mm		9.71	13.95		14	4.14	5.96
1.5mm		4.98	7.08	2.0mm		10.90	15.65		10	5.82	8.36
3/8	x 22	3.48	4.99	22	x 1.0mm	9.90	14.23		3/16	8.06	11.59
	20	3.70	5.30		1.5mm	11.40	16.38		1/4	2.84	4.09
	18	4.52	6.50	7/8	x 16	11.45	16.47	2-1/2	x 16	3.55	5.09
	16	4.99	7.16		10	14.06	20.21		10	5.06	7.27
10mm x 1mm		4.72	6.77	25	x 1.5mm	12.85	18.47		3/16	7.38	10.60
1.5		5.22	7.50		2.0	14.36	20.65		1/4	9.42	13.54
2.0		5.51	7.94		3.0	15.80	22.72	3	x 16	3.42	4.92
7/16	x 20	5.36	9.34		4.0	21.78	31.30		10	6.70	9.64
	16	7.16	10.29	1	x 20	10.21	14.69	3 1/2	x 16	12.60	18.12
12mm x 1.0mm		5.96	8.57		18	11.88	17.09		10	4.02	5.78
1.5mm		7.16	10.30		16	13.32	19.16		10	7.73	11.10
2.0mm		7.67	11.04		14	14.65	21.07	4	x 16	4.43	6.37
1/2	x 22	5.89	8.48		10	16.33	23.47		10	8.53	12.28
									1/4	16.91	24.30

NOMINAL BORE 304 PIPES Price on Application

Prices per foot / 300mm	Prices per inch / 25mm
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M-MACHINE 01325 381 300

NB PIPE SIZE	SCH 5	SCH 10	SCH 40	SCH 80	SCH 160	NB PIPE SIZE	SCH 5	SCH 10	SCH 40	SCH 80	SCH 160
1/8 (0.405OD)	-				-	1-1/4 (1.660 OD)					
1/4(0.540 OD)	-				-	1-1/2 (1.900 OD)					
3/8(0.675 OD)	-				-	2 (2.375 OD)					
1/2( 0.840 OD)						2-1/2 (2.875 OD)					
3/4(1.050 OD)						3 (3.500 OD)					
1 (1.315 OD)											

# STEELS

TO CONVERT
Mm to inches divide by 25.4
Mm to feet divide by 304.8

**BRIGHT DIAMETERS** EN1A is the MACHINING GRADE

Price per foot / 300mm									
DIA	EN1A	EN3	EN8	EN24T	DIA	EN1A	EN3	EN8	EN24T
1/16	0.59	-	-	-	1-1/8	3.41	4.39	3.28	7.04
2mm	0.59	-	-	-	28mm	3.65	-	-	-
3/32	0.59	-	-	-	30mm	4.04	4.04	4.15	8.37
1/8-3mm	0.59	0.59	-	-	1- 3/16	4.04	-	4.15	8.37
5/32	0.59	-	-	-	1 ¼	4.39	4.84	4.49	9.11
4mm	0.59	0.59	-	-	32mm	4.49	-	4.60	9.11
3/16	0.59	0.59	-	-	1- 3/8	5.60	5.60	6.12	10.98
5mm	0.59	0.59	-	-	35mm	5.63	5.63	6.23	10.98
7/32	0.59	-	-	-	1 ½	6.79	6.79	6.94	12.47
6mm	0.59	0.59	0.44	-	Price per inch / 25mm				
1/4	0.59	0.59	0.65	1.66	40mm	0.65	0.65	0.69	1.69
7mm	0.59	-	-	-	1-5/8	0.70	0.70	0.72	1.76
5/16	0.59	0.59	0.76	1.80	1 ¾	0.80	0.80	0.83	1.83
8mm	0.59	0.59	0.51	-	45mm	0.83	0.83	0.83	1.83
9mm	0.59	0.59	-	-	1-7/8	0.93	0.93	-	-
3/8	0.59	0.59	0.82	2.02	50mm	1.03	1.03	1.13	2.27
10mm	0.59	0.71	0.95	1.95	2	1.13	1.13	1.24	2.33
7/16	0.71	1.14	0.81	-	2-1/8	1.25	1.25	1.35	-
12mm	0.88	0.88	0.90	-	55mm	1.38	1.38	1.59	-
1/2	0.96	0.96	1.18	2.29	2-1/4	1.49	1.49	1.60	2.50
13mm	1.03	-	-	-	60mm	1.64	1.64	1.74	2.76
14mm	1.18	-	-	-	2-3/8	1.64	1.64	1.74	2.79
9/16	1.18	1.18	-	-	2-1/2	1.75	1.75	1.86	3.08
15mm	1.61	1.21	-	-	65mm	1.88	1.88	1.98	-
5/8	1.28	1.28	1.32	2.76	2-5/8	1.90	1.90	-	-
16mm	1.60	1.53	-	2.82	2-3/4	2.06	2.06	2.13	3.83
17mm	1.67	3.02	-	-	70mm	2.06	2.06	2.13	3.83
11/16	1.76	1.76	-	-	2-7/8	2.30	2.30	-	-
18mm	2.06	2.06	-	-	3	2.43	2.43	2.53	4.58
3/4	1.94	1.94	2.16	3.64	3-1/4	2.90	2.90	-	-
20mm	2.00	2.00	2.07	3.98	3-1/2	3.46	3.41	-	-
13/16	2.09	-	-	-	3-3/4	4.05	4.05	-	-
22mm	2.16	2.16	2.27	4.88	4	4.55	4.55	-	-
7/8	2.18	2.18	2.29	4.99	4-1/4	4.99	4.99	-	-
24mm	2.54	-	-	-	4-1/2	5.52	5.52	-	-
25mm	2.65	2.65	2.69	5.82	4-3/4	6.00	6.00	-	-
1	2.72	2.72	2.82	6.44	5	6.55	6.55	-	-
1-1/16	2.98	-	-	-	5-1/2	8.36	8.36	-	-
27mm	2.98	2.98	-	-	6	9.94	9.94	-	-

ALSO AVAILABLE IS A LIMITED RANGE OF EN16 and EN19  
PRICE UPON APPLICATION

**BLACK DIAMETERS**

Price per inch / 25mm							
DIA	EN3	EN8	EN24	DIA	EN3	EN8	EN24

M-MACHINE 01325 381 300

65mm	1.65	1.79	3.07	125	6.91	6.96	10.43	240	please	apply	
70	1.92	1.96	3.39	130	7.07	7.05	11.25	250			
75	2.25	2.35	3.73	140	8.00	8.07	12.99	260			
80	2.52	2.61	4.06	150	8.68	9.10	14.24	270			
85	2.96	3.09	4.56	160	9.83	10.21	15.91	280			
90	3.23	3.34	5.22	170	10.89	11.30	19.67	290			
95	3.92	3.94	5.96	180	11.84	12.58	21.67	300			
100	4.11	4.17	6.28	190	13.13	13.87	23.67	310			
105	4.54	4.60	7.25	200	14.62	15.51	26.72	320			
110	4.84	4.91	7.33	210	please	apply		330			
115	5.05	5.23	8.31	220				340			
120	5.81	5.86	9.32	230				350			

ALSO AVAILABLE IS A LIMITED RANGE OF EN9, EN14, EN16, EN19, EN36 AND EN30  
PRICE ON APPLICATION.

SPECIFICATIONS				
EN1A = 22M07	EN8 = 080M40	EN14 = 150M19	EN19 = 709M40	EN30 = 835M30
EN3 = 070M20	EN9 = 070M55	EN16 = 605M36	EN24 = 817M40	EN36 = 655M13

STEELS

EN3 = 070M20 EN1A = 22M07

IMPERIAL BRIGHT FLATS

Price per foot / 300mm								Price per inch / 25mm			
SIZE	EN3	SIZE	EN3	SIZE	EN3	SIZE	EN3	SIZE	EN3	SIZE	EN3
1/16 x 1/4	0.50	3/16 x 3/4	0.78	5/16 x 1/2	1.31	1/2 x 1/4	3.12	3/4 x 1 1/4	0.56	1 1/4 x 3	1.82
3/8	0.50	7/8	1.57	5/8	1.60	1 1/2	3.39	2	0.66	4	2.28
1/2	0.50	1	0.91	3/4	1.90	1 3/4	4.16	2 1/4	0.83	5	3.00
5/8	0.50	1 1/4	1.87	7/8	2.15	2	4.33	2 1/2	0.86	6	3.24
3/4	0.51	1 1/2	1.38	1	1.88	2 1/4	6.73	3	1.02	8	4.77
1	0.51	1 3/4	1.92	1 1/4	2.50	2 1/2	6.30	3 1/2	1.20	1 1/2 x 2	1.24
1 1/4	0.57	2	3.02	1 1/2	2.69	2 3/4	7.18	4	1.63	2 1/2	1.77
1 1/2	0.65	2 1/2	2.82	2	3.87	3	7.14	5	2.00	3	2.10
2	0.97	3	3.08	3	4.80	3 1/2	10.35	6	2.27	4	2.96
2 1/2	1.05	4	7.34	3 1/2	0.96	4	9.45	7	2.97	6	4.41
3	1.14	6	11.52	5/8	1.20	5	12.04	8	3.17	8	5.87
4	1.30	1/4 x 3/8	0.96	3/4	1.37	6	14.91	10	3.60	10	7.23
3/32 X 3/4	1.11	1/2	0.72	7/8	1.80	7	18.42	12	4.56	12	8.37
1	1.31	5/8	0.82	1	1.80	8	21.03	1 x 1 1/4	0.65	1 3/4 x 2	2.12
1/8 x 1/4	0.50	3/4	0.95	1 1/4	2.28	10	27.00	1 1/2	0.64	2 1/2	2.52
3/8	0.93	7/8	1.47	1 1/2	2.76	12	33.72	1 3/4	0.86	3	2.75
1/2	0.51	1	1.35	1 3/4	3.30	5/8 x 3/4	3.60	2	0.93	4	3.85
5/8	0.51	1 1/4	1.57	2	3.35	1	2.88	2 1/4	1.16	2 x 2 1/2	2.59
3/4	0.65	1 1/2	1.79	2 1/4	4.44	1 1/4	4.11	2 1/2	1.13	3	2.99
7/8	0.88	1 3/4	2.03	2 1/2	4.33	1 1/2	4.73	2 3/4	1.31	3 1/2	4.04
1	0.71	2	2.32	3	4.66	1 3/4	5.86	3	1.45	4	4.43
1 1/4	0.93	2 1/4	3.06	3 1/2	6.36	2	5.69	3 1/2	1.87	5	6.45
1 1/2	0.99	2 1/2	3.41	4	6.75	2 1/2	7.56	4	1.95	6	7.61
1 3/4	1.30	2 3/4	3.32	5	10.70	3	8.66	5	2.57	8	9.23
2	1.28	3	3.45	6	11.36	4	10.75	6	3.00	2 1/2 x 3	4.05
2 1/2	2.11	3 1/2	4.37	7	16.89	5	15.68	7	4.11	4	5.24
3	2.48	4	4.82	8	17.32	6	18.29	8	4.33	5	6.34
4	3.82	5	8.11	10	21.97	8	24.37	10	5.59	6	7.15
6	8.23	6	6.66	12	14.67	10	32.37	12	7.16	3 x 4	5.92
		7	9.54	1/2 x 5/8	2.01	12	37.83	1 1/4 x 1 1/2	1.03	5	7.15
3/16 x 3/8	0.50	8	10.48	3/4	1.98	3/4 x 1	3.54	1 3/4	1.16	6	9.12
1/2	0.56	1/4 x 10	16.92	7/8	2.40	1 1/4	4.78	2	1.20		
5/8	0.65	12	19.55	1	2.39	1 1/2	5.38	2 1/2	1.44		

METRIC BRIGHT FLATS

Price per foot / 300mm								Price per inch / 25mm			
SIZE	EN3	SIZE	EN3	SIZE	EN3	SIZE	EN3	SIZE	EN3	SIZE	EN3
3 x 12	0.65	6 x 150	6.43	10 x 100	5.72	15 x 70	7.21	20 x 70	0.85	30 x 80	1.64
16	0.50	160	6.99	120	7.33	75	7.64	75	0.93	90	2.16
20	0.62	200	8.38	125	7.78	80	8.21	80	1.02	100	2.32
25	0.79	8 x 12	1.55	140	9.25	100	9.85	90	1.12	120	2.75
32	0.96	16	1.69	150	9.61	120	12.25	100	1.54	125	3.03
40	1.04	20	1.80	160	11.42	125	12.58	120	1.63	150	3.60
50	1.35	25	1.93	200	12.85	140	14.60	125	1.68	200	4.71
60	1.88	30	2.02	250	17.02	150	15.49	140	1.94	250	7.16
5 x 16	1.00	32	2.14	300	20.00	200	21.76	150	2.05	300	8.35
20	0.81	40	2.50	12 x 16	1.48	250	32.58	160	2.17	40 x 45	1.66
25	0.93	45	3.02	20	1.87	300	38.98	200	2.76	50	1.55
30	1.11	50	2.84	25	1.98	16 x 20	2.22	250	3.30	60	1.84
32	1.25	60	3.36	30	2.33	25	2.48	300	4.18	65	2.16
40	1.40	70	3.63	32	3.10	30	2.90	25 x 30	0.48	70	2.40

M-MACHINE 01325 381 300

45	1.75	75	3.96	35	3.33	32	3.08	32	0.65	75	2.39
50	1.91	80	4.48	40	3.58	35	3.87	35	0.60	80	2.64
60	2.32	100	5.47	45	4.14	40	4.19	40	0.62	90	2.98
6 x 12	0.92	120	6.18	50	4.33	45	5.17	45	0.71	100	3.23
16	0.91	125	6.99	60	5.72	50	5.13	50	0.78	120	3.93
20	0.99	140	8.01	65	6.09	60	6.14	60	0.92	125	4.18
25	1.32	150	8.54	70	6.74	65	6.48	65	1.00	150	4.81
30	1.46	160	9.33	75	7.31	70	7.53	70	1.13	160	5.05
32	1.49	200	12.57	80	7.57	75	7.76	75	1.42	200	6.67
35	1.64	10 x 12	0.93	90	8.37	80	7.76	80	1.60	250	7.82
40	1.87	16	1.33	100	9.44	90	8.74	90	1.72	300	10.41
45	1.95	20	1.65	120	10.41	100	9.17	100	1.74	50 x 60	2.64
50	2.17	25	1.68	125	10.97	125	11.43	125	2.21	65	2.73
60	2.87	30	2.02	140	13.08	150	14.16	150	2.61	70	2.98
65	3.14	32	2.19	150	14.84	160	15.37	160	2.95	75	3.13
70	3.23	35	2.59	160	16.71	200	21.15	200	3.61	80	3.29
75	3.42	40	2.81	200	18.03	20 x 25	3.39	250	4.80	90	3.49
80	3.57	45	3.01	250	22.44	30	4.08	300	5.94	100	4.05
90	3.91	50	3.20	300	28.04	32	4.17	30 x 35	0.68	120	5.06
100	4.46	60	3.56	15 x 20	1.98	35	5.15	40	0.88	125	5.59
120	5.38	65	3.77	25	2.53	40	5.15	45	0.99	150	7.73
125	5.64	70	4.06	30	2.97	45	6.29	50	1.04	160	8.06
140	6.29	75	4.33	40	3.86	50	6.87	60	1.21	75 x 100	6.51
150	6.48	80	4.94	50	4.75	60	8.17	65	1.39	150	8.88
160	6.99	90	6.22	60	5.74	65	8.88	70	1.46		

# STEELS

## BLACK FLATS

### Prices per foot / 300mm

SIZE (mm)		SIZE		SIZE		SIZE		SIZE		SIZE	
3 x 10	0.41	6 x 30	1.55	8 x 130	5.90	12 x 60	4.08	20 x 30	3.42		
12	0.45	35	1.74	150	6.89	65	4.54	40	4.62		
16	0.51	40	1.85	160	7.50	70	4.80	45	5.21		
20	0.64	45	1.97	180	8.47	75	5.12	50	5.79		
25	0.74	50	2.04	200	9.46	80	5.49	60	6.93		
30	0.86	60	1.88	10 x 20	1.13	90	6.14	65	7.52		
40	0.98	65	2.37	25	1.30	100	6.84	70	8.11		
50	1.21	70	2.70	30	1.62	120	8.22	75	8.67		
60	1.73	75	2.94	35	2.09	130	8.91	80	9.26		
80	2.34	80	3.12	40	2.30	150	10.27	90	10.42		
100	2.96	90	3.66	45	2.39	160	11.07	100	11.58		
150	5.18	100	4.19	50	2.56	180	12.93	120	13.88		
5 x 12	0.66	120	5.07	60	2.92	200	14.35	130	15.04		
16	0.75	130	5.24	65	3.01	15 x 25	2.14	150	17.36		
20	0.91	150	6.01	70	3.24	30	2.56	160	18.83		
25	1.01	160	6.22	75	3.44	40	3.43	180	21.09		
30	1.01	180	6.68	80	4.01	45	3.85	200	23.35		
35	1.32	200	7.47	90	4.84	50	4.28	25 x 30	4.25		
40	1.42	8 x 20	1.51	100	5.21	60	5.12	40	5.67		
45	1.59	25	1.53	120	6.67	65	5.57	45	6.38		
50	1.84	30	1.73	130	7.18	70	6.00	50	7.09		
60	2.09	40	2.14	150	8.26	75	6.44	60	8.53		
70	2.70	45	2.23	160	9.11	80	6.85	65	9.23		
75	2.73	50	2.31	180	10.26	90	7.69	70	9.94		
80	2.94	60	2.81	200	11.40	100	8.58	75	11.40		
90	3.35	65	2.93	12 x 20	1.37	130	11.15	80	12.14		
100	3.51	70	3.09	25	1.73	150	12.83	90	13.65		
6 x 12	0.71	75	3.30	30	2.06	160	13.69	100	15.20		
16	0.82	80	3.69	40	2.74	180	15.38	120	18.24		
20	0.89	90	4.13	45	3.09	200	17.78	130	19.72		
25	1.43	100	4.54	50	3.43	20 x 25	2.85	150	22.77		

## HEXAGONS

Price per foot / 300mm						Price per inch / 25mm	
A/F	EN1A	A/F	EN1A	A/F	EN1A	A/F	EN1A
3/32	0.69	.413	0.92	7/8	3.70	1.3	0.78
1/8	0.94	7/16	0.93	.920	4.07	1.48	0.93
152-5/32	0.75	.445	1.12	24mm	4.13	1.67	0.99
3/16	0.48	1/2	0.93	1"	4.19	1.86	1.12
193-5mm	0.48	.525	1.34	1.1	4.62	2.05	1.38
218-7/32	0.48	9/16	1.46	1-1/8	4.46	2 1/4	1.96
1/4	0.47	.601	1.76	1.2	5.17	2 1/2	2.36
.275-7mm	0.56	5/8	1.81	1-1/4	5.69	3	3.78
9/32	0.51	11/16	2.56				
5/16	0.51	.710	2.53	12mm	2.35		
.324	0.68	3/4	3.45	17mm	1.76		
3/8	0.66	13/16	3.44				
.10mm	2.23	.820	3.43				

M-MACHINE 01325 381 300

ALSO AVAILABLE IS A LIMITED RANGE OF EN, EN8, EN16, EN19 AND EN24  
PRICE ON APPLICATION

**SQUARES BRIGHT**

Price per foot / 300mm						Price per inch / 25mm					
SIZE	EN3	SIZE	EN3	SIZE	EN3	SIZE	EN3	SIZE	EN3	SIZE	EN3
1/8	-	3/8	1.20	16mm	1.88	1-1/4	0.76	2-1/4	2.27	100mm	6.28
5/32	0.56	10mm	0.89	3/4	2.28	1-3/8	0.85	60mm	2.39	4	6.26
4mm	0.56	7/16	1.25	20mm	3.02	35mm	0.87	2-1/2	2.59	4-1/2	8.38
3/16	0.56	12mm	1.35	7/8	3.14	1-1/2	0.88	2-3/4	3.03	5	9.51
5mm	0.56	1/2	1.41	25mm	4.13	40mm	1.01	75mm	3.74	5-1/2	15.51
6mm	0.56	9/16	1.76	1	4.16	1-3/4	1.29	3	3.81	6	17.12
1/4	0.55	15mm	1.88	1-1/8	6.24	50mm	1.66	80mm	4.56		
5/16	1.02	5/8	1.64	30mm	7.24	2	1.94	3-1/2	4.97		

SPECIFICATIONS				
EN1A = 22M07	EN8 = 080M40	EN14 = 150M19	EN19 = 709M40	EN30 = 835M30
EN3 = 070M20	EN9 = 070M55	EN16 = 605M36	EN24 = 817M40	EN36 = 655M13

**STEELS**

**SQUARE KEY STEEL**

Price per foot

SQ	PRICE	SQ	PRICE	SQ	PRICE	SQ	PRICE
1/8	2.12	5/16	3.42	1/2	8.00	22mm	14.62
4mm	1.50	8mm	3.75	5/8	10.68	7/8	16.58
3/16	1.57	3/8	4.94	16mm	13.19	25mm	16.84
5mm	1.65	10mm	6.03	18mm	13.70	1	17.90
6mm	2.40	7/16	6.25	3/4	14.22	1 1/4	23.77
1/4	2.64	12mm	7.91	20mm	14.95		

ALSO AVAILABLE IS A LIMITED RANGE OF FLATS. PRICES ON APPLICATION

**PRECISION GROUND STEEL ROUNDS**

Price per foot

DIA	PRICE	DIA	PRICE	DIA	PRICE	DIA	PRICE	DIA	PRICE
		5/16	2.66	1/2	4.97	1 1/4	15.28		
		8mm	2.93	5/8	5.76				
		3/8	6.87	16mm	6.46				
		10mm	3.24	3/4	6.93				
6mm	2.26	7/16	3.68	20mm	9.95				
1/4	2.36	12mm	4.42	25mm	10.69				

**SHIM/ FOIL**

SIZE		SIZE		SIZE		SIZE	
6" x 12" x .001	2.86	6" x 12" x .004	1.98	6" x 12" x .008	2.35	6" x 12" x .015	2.25
6" x 12" x .002	2.29	6" x 12" x .005	1.99	6" x 12" x .010	2.24	6" x 12" x .020	2.61
6" x 12" x .003	2.10	6" x 12" x .006	1.98	6" x 12" x .012	2.33	6" x 12" x .025	2.73

**SILVER STEEL**

Price per Length (13 ins)

SIZE		SIZE		SIZE		SIZE		SIZE	
1/16	0.50	6mm	1.75	1/2	5.29	22mm	POA	35mm	POA
2mm	0.59	1/4	1.88	14mm	6.96	7/8	15.12	1 1/2	POA
3/32	0.63	9/32	2.12	9/16	7.07	24mm	POA	40mm	POA
3mm	0.82	7mm	2.37	15mm	7.67	25mm	POA	1 3/4	POA
1/8	0.76	5/16	2.75	5/8	7.98	1"	19.59	45mm	POA
5/32	1.03	8mm	2.77	16mm	8.11	1-1/8"	24.50	50mm	POA
4mm	1.06	3/8	3.50	11/16	10.79	30mm	POA	2"	POA
3/16	1.26	10mm	4.10	18mm	10.80	1 1/4	31.47		
5mm	1.41	7/16	4.89	3/4	11.22	32mm	POA		
7/32	1.43	12mm	5.69	20mm	11.70	1 3/8	POA		

**STUDDING / SCREWED ROD per foot**

SIZE	PLAIN	ZINC	SIZE	PLAIN	ZINC	SIZE	PLAIN	ZINC	SIZE	PLAIN	ZINC	SIZE	PLAIN	ZINC
M4	0.75	0.96	M8	1.47	1.86	M12	1.89	2.90	M16	3.11	4.18	M24	7.18	9.64

M-MACHINE 01325 381 300

M6	0.81	1.02	M10	1.53	2.06	M14	2.58	3.62	M20	4.79	6.50								
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SPRING STEEL

Per foot

SIZE		SIZE		SIZE		SIZE		SIZE	
3/8 x 24swg	0.94	3/8 x 18swg	0.68	7/16 x 20swg	0.77	1/2 x 22swg	0.76	1/2 x 16swg	1.39
22swg	0.62	7/16 x 24swg	0.54	18swg	1.00	20swg	0.95	3/4 x 16swg	1.86
20swg	1.05	22swg	0.64	1/2 x 24swg	0.58	18swg	1.86	1 x 16swg	2.56

WIRE

Price per 100 FT

SWG		SWG		SWG		SWG		SWG	
26	6.62	22	6.94	19	7.65	16	10.97	13	15.62
24	6.80	20	7.42	18	8.70	14	13.92	10	19.96

# GROUND FLAT STOCK- GAUGE PLATE

IMPERIAL FLATS

Price per 9" length      Discount for 18" length = 9"price x 1.8

THICKNESS

wide	1/32	1/16	3/32	1/8	5/32	3/16	1/4	5/16	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	2
3/8	4.08	4.08	4.38	4.55	5.17	5.81	6.79	10.16	-	-	-	-	-	-	-	-
1/2	4.08	4.08	4.38	4.55	5.17	5.81	7.05	10.16	10.16	-	-	-	-	-	-	-
5/8	4.38	4.38	4.55	5.17	5.81	6.35	7.66	10.16	10.87	12.09	-	-	-	-	-	-
3/4	4.38	4.38	4.55	5.17	5.81	6.79	8.10	10.47	11.43	13.19	14.83	-	-	-	-	-
1	4.55	4.55	5.17	6.37	6.79	7.52	8.37	10.64	12.56	14.83	16.30	19.28	-	-	-	-
1 1/4	5.17	5.17	5.81	6.79	7.66	8.10	10.16	12.56	13.87	16.30	18.37	21.76	26.08	-	-	-
1 1/2	5.81	5.81	8.13	7.66	8.10	9.43	11.87	14.83	15.88	18.37	21.76	25.08	34.79	40.34	-	-
2	6.95	7.00	8.10	8.66	12.53	11.34	14.50	16.84	19.12	22.85	26.08	32.08	41.23	52.12	62.23	-
2 1/2	8.10	8.10	9.42	10.47	12.09	13.19	16.30	20.65	22.85	27.27	32.13	39.79	53.59	62.23	73.07	88.88
3	9.42	9.90	10.87	11.90	13.87	16.30	19.01	22.85	26.08	32.05	34.79	46.22	58.22	72.59	84.95	96.80
4	11.86	11.70	13.95	14.84	17.62	19.89	25.08	28.78	34.79	39.79	46.22	56.74	77.87	88.88	99.08	130.74
5	13.95	13.95	17.62	19.89	23.36	26.08	32.05	36.31	41.23	48.91	56.74	68.55	88.88	101.57	122.74	159.87
6	17.62	17.62	20.65	23.36	27.27	32.05	36.31	44.53	48.91	58.22	68.55	81.51	101.57	118.03	145.60	184.98
8	23.36	23.36	28.78	32.05	36.31	41.23	49.84	56.74	68.55	81.51	96.80	110.20	148.29	172.44	184.98	260.22
10	28.78	28.78	33.91	36.31	44.53	52.21	58.22	72.59	84.95	99.08	118.03	145.60	110.55	211.60	246.10	344.85
12	33.91	33.91	39.79	44.53	52.21	58.22	73.07	86.53	99.08	118.03	141.06	172.44	216.33	246.10	291.57	431.07

IMPERIAL SQUARES

Price per 9" length      Discount for 18" length = 9"price x 1.8

Squares	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	2
Price	7.32	7.32	7.32	8.46	7.59	12.10	10.47	13.68	18.17	22.33	23.62	34.79	41.53	77.95

METRIC FLATS

Price per 250mm length      Discount for 500mm length = 250mm price x 1.8

THICKNESS

Si ze	1	1.5	2	3	4	5	6	8	10	12	15	20	25	30	40	50
10	4.08	4.08	4.38	5.08	5.65	6.27	7.52	9.96	-	-	-	-	-	-	-	-
15	4.38	4.38	4.80	5.34	6.08	6.53	8.23	10.16	11.17	13.06	-	-	-	-	-	-
20	4.38	4.38	4.80	5.65	6.08	7.25	8.56	10.74	12.02	13.75	17.09	-	-	-	-	-
25	4.80	4.80	5.65	6.27	7.25	8.23	9.99	12.35	13.75	15.09	18.81	21.16	-	-	-	-
30	5.65	5.65	6.53	7.25	8.56	9.48	11.67	13.75	15.43	17.88	21.16	24.71	27.93	-	-	-
40	6.27	6.27	6.53	7.25	9.48	10.74	13.06	15.99	17.88	20.53	24.71	27.93	39.28	45.06	-	-
50	7.25	7.25	7.25	8.23	11.67	13.06	15.99	19.54	21.16	26.26	29.96	34.00	47.92	58.01	71.34	-
60	8.56	8.56	10.16	12.02	13.75	15.43	18.81	22.77	24.71	31.22	36.69	44.20	60.26	68.97	81.91	94.84
75	10.16	10.16	11.67	13.06	15.99	17.88	22.03	24.15	27.53	32.60	39.28	54.10	67.86	80.10	97.42	114.75
80	11.67	11.67	13.06	14.50	17.09	18.81	23.36	26.26	30.49	35.73	44.20	58.01	72.39	85.43	107.77	130.10

## M-MACHINE 01325 381 300

10	13.06	13.06	15.09	17.09	19.89	22.77	27.93	31.22	35.73	42.16	49.61	61.59	86.85	96.10	120.69	145.32
12	15.43	15.43	18.81	21.16	24.71	27.93	34.00	37.93	44.20	51.82	61.59	75.99	100.96	109.75	143.43	177.13
15	18.81	18.81	22.03	26.26	29.30	33.08	41.00	45.06	51.82	64.11	73.67	87.14	108.48	126.18	168.91	211.61
20	26.26	26.26	29.96	34.00	39.28	44.20	55.17	62.90	72.39	86.85	103.15	127.29	158.31	184.98	236.70	288.44
25	32.85	32.85	37.47	42.16	47.92	56.12	66.88	76.65	88.42	105.97	131.05	155.96	200.64	227.29	304.90	382.47
30	36.75	36.75	44.20	49.61	55.17	62.90	78.39	91.45	109.75	126.18	155.96	184.98	230.43	269.62	374.64	479.68

## METRIC SQUARES

Price per 250mm length      Discount for 500mm length = 250mm price x 1.8

Squares	6	8	10	12	15	20	25	30	40	50
Price	8.73	9.42	10.65	12.83	16.13	19.27	27.43	36.91	47.32	84.66

# STEELS

## BRIGHT ANGLES

Price per foot / 300mm

SIZE (mm)		SIZE (mm)		SIZE (mm)		SIZE (mm)	
12 x 12 x 3	1.79	25 x 25 x 3	2.88	32 x 32 x 6	7.00	50 x 50 x 6	7.93
16 x 16 x 3	2.29	25 x 25 x 5	4.58	40 x 40 x 4	5.84		
20 x 20 x 3	2.18	32 x 32 x 4	4.19	40 x 40 x 5	5.99		
20 x 20 x 4		32 x 32 x 5	4.38	40 x 40 x 6	6.46		

## BLACK ANGLES

Price per foot / 300mm

SIZE (mm)		SIZE (mm)		SIZE (mm)		SIZE (mm)	
13 x 13 x 3	1.23	45 x 45 x 5	2.93	75 x 75 x 8	6.60	120 x 120 x 8	
20 x 20 x 3	1.16	6	3.47	10	7.65	10	
25 x 25 x 3	1.16	50 x 50 x 3	2.22	80 x 80 x 6	5.08	12	
4	1.31	5	3.26	8	6.68	15	
5	1.45	6	3.89	10	8.24	150 x 150 x 10	
30 x 30 x 3	1.25	8	5.05	12	9.84	12	
4	1.60	60 x 60 x 5	4.15	90 x 90 x 6	5.75	15	
5	1.89	6	4.78	8	7.55	18	
40 x 40 x 3	1.70	8	6.15	10	9.28	200 x 200 x 16	
4	2.22	10	7.54	12	11.00	18	
5	2.76	70 x 70 x 6	5.51	100 x 100 x 8	8.45	20	
6	3.23	8	6.13	10	10.40	24	
45 x 45 x 3	1.97	10	9.45	12	12.34		
4	2.64	75 x 75 x 6	5.95	15	15.17		

## PLAIN & GALVANISED SHEETS

Price per sq. foot or 300mm sq. (or equivalent dimension e.g. 18" x 8")

SIZE	PL	GALV	SIZE	PL	GALV	SIZE	PL	GALV
0.7mm	1.50	-	1.2mm	2.06	-	-	-	-
0.8mm	1.60	-	1.5	2.70	-			
1.0mm	1.76	-	2.0	3.94	-			

## FULL SHEETS PLAIN

Price per sheet

SIZE	2m x 1m	2.5m x 1.25m	SIZE	2m x 1m	2.5m x 1.25m	SIZE	2m x 1m	2.5m x 1.25m
0.7	POA	POA	1.2	POA	POA	2.5	POA	POA
0.8	POA	POA	1.6	POA	POA	3.0	POA	POA
1.0	POA	POA	2.0	POA	POA			

M-MACHINE 01325 381 300

FULL SHEETS GALVANISED

Price per sheet

SIZE	2m x 1m	2.5m x 1.25m	SIZE	2m x 1m	2.5m x 1.25m	SIZE	2m x 1m	2.5m x 1.25m
0.8	POA	POA	1.2	POA	POA	2.0	POA	POA
1.0	POA	POA	1.6	POA	POA			

GUILLOTINED PLATES

Price per sq. foot or 300mm sq. or equivalent dimension (e.g. 6" x 24")

THICK							
3mm	5.94	4mm	8.01	5mm	POA	6mm	POA

Cutting tolerance is + or - 2mm on plate

# STEELS

SQUARE STRUCTURAL HOLLOW

Price per foot

SIZE (mm)		SIZE (mm)		SIZE (mm)			
20 x 20 x 2	2.37	50 x 50 x 6	6.96	80 x 80 x 8	16.28		
	2.5	2.78	60 x 60 x 3	5.84	90 x 90 x 4	10.13	
25 x 25 x 2	3.24		4	6.56	5	12.09	
	2.5	3.62		5	7.07	6	14.49
	3	3.96		6	8.12	8	18.21
30 x 30 x 2.5	3.36		8	10.49	100 x 100 x 4	10.86	
	3	3.53	70 x 70 x 3	6.66	5	13.04	
40 x 40 x 2.5	3.68		4	7.07	6	15.63	
	3	4.01		5	8.01	8	20.22
	4	4.92		6	10.16	10	25.02
	5	5.90		8	13.47		
50 x 50 x 2.5	4.67	80 x 80 x 3	6.92				
	3	5.33	4	8.96			
	4	6.08	5	9.99			
	5	6.56	6	12.29			

TUBES – COLD DRAWN SEAMLESS

Price per foot / 300mm

Price per Inch / 25mm

SIZE (swg)		SIZE (swg)		SIZE (swg)		SIZE (swg)		SIZE (swg)		SIZE (swg)		SIZE (swg)	
3/16 x 22	0.84	7/16 x 18	2.04	3/4 x 14	6.63	1/4 x 14	7.17	2 x 20	7.07	3 x 10	2.36	5 x 1/2	4.97
20	0.74	16	3.72	10	5.49	10	8.21	18	8.46	1/4	3.92	6 x 10	4.87
16	0.92	1/2 x 20	1.83	7/8 x 16	3.14	1-3/8 x 16	7.02	16	9.74	3/8	3.48	1/4	5.30
1/4 x 22	0.92	18	2.45	14	5.13	10	8.85	10	13.05	1/2	3.85	3/8	6.62
20	0.95	16	4.47	10	5.84	1 1/2 x 20	5.61	3/16	16.11	3 1/2 x 16	1.65	1/2	7.12
18	1.13	14	3.94	1 x 20	3.47	16	7.44	1/4	16.43	10	2.45	5/8	7.86
16	1.16	10	4.23	18	4.59	14	8.49	3/8	19.50	1/4	3.86		
5/16 x 22	1.28	9/16 x 20	1.86	16	4.38	10	9.18	1/2	21.80	4 x 16	1.82		
20	1.10	16	3.62	14	5.39	3/16	9.99	2 1/2 x 16	12.14	10	2.95		
18	1.23	5/8 x 20	2.30	10	6.41	1/4	10.92	10	21.21	1/4	4.16		
16	1.46	16	3.54	3/16	11.00	1-5/8 x 16	8.06	3/16	21.20	3/8	4.42		
3/8 x 22	1.23	14	4.44	1/4	10.56	10	11.76	1/4	23.09	1/2	4.87		
20	1.50	10	7.56	1-1/8 x 16	5.51	1 3/4 x 16	8.46	3/8	28.50	3/4	5.12		
18	1.76	3/4 x 20	2.69	10	5.64	10	13.16	1/2	31.20	4 x 1	6.32		
16	2.64	18	3.39	1 1/4 x 20	5.51	3/16	14.31	2 3/4 x 1/4	26.50	5 x 10	2.97		
7/16 x 20	1.58	16	4.11	16	6.27	1/4	14.84	3 x 16	13.88	1/4	3.46		

Imperial Welded Round Tube (ERW)

Price per foot

OD	WALL	OD	WALL	OD	WALL	OD	WALL	OD	WALL
3/8 x 16 swg	1.26					2 x 16 swg	4.52	4.1/2 x 16 swg	8.59
18	1.18	1 x 14swg	2.32	1.1/2 x 14swg	3.72	18	4.15	5 x 16swg	11.98
20	1.47	16	1.91	16	3.45	2 1/4 x 14 swg	7.77	5 x 10 swg	15.96

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1/2 x 16 swg	1.05	18	1.79	18	2.42	16	4.92	6 x 16swg	12.32
18	1.10	20	1.50	1-5/8 x 14 swg	4.73			10swg	18.82
20	0.99			16	3.68	2.1/2 x 10 swg	7.27		
5/8 x 16	1.49	1.1/8 x 16swg	2.31			14	6.45		
18	1.31	18	1.98			16	5.27		
20	1.19	20	1.71	1,3/4 x 14swg	4.85				
				16	3.88	3 x 10 swg	7.73		
3/4 x 16swg	1.67	1.1/4 x 14swg	3.22	13/4 x 18swg	3.35	14	5.46		
18	1.48	16	2.57			16	4.31		
20	1.34	13/4 x 18swg	2.16	1.7/8 x 16swg	4.34	3.1/2 x 16 swg	5.64		
7/8 x 16swg	1.95	1-3/8 x 14 swg	3.55			4 x 10 swg	9.99		
7/8 x 18swg	1.81	16	3.12	2 x 14swg	4.99	14	7.17		
20	1.67					16	5.75		

**Copper Shim Washers**

Each of our packs contains: 20 washers to fit the stated size.  
There are 5 of each thickness, 0.005", 0.010", 0.015", 0.020".

1/8" pack	£2.00	7/32"	£2.50	3/8"	£3.30
5/23"	£2.20	1/4"	£2.70	7/16"	£3.50
3/16"	£2.50	5/16"	£3.00	1/2"	£3.80

**Stainless Steel Studding/Screwed Rod**

Price per foot

Size		Size		Size		Size		Size	
M4	1.55	M8	3.26	M12	6.34	M16	10.22	M24	23.98
M6	1.78	M10	4.75	M14	8.26	M20	16.36		

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