

**Live Steam Models Ltd.**  
incorporating  
**Model Engineers Supplies.**

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This is a stock/price list of ferrous & non ferrous materials, fixings & boiler fittings for all kinds of model engineering needs.  
Over 90% of the items listed are ex stock.

**OPENING HOURS**

Monday	9.00 a.m. to 5.00 p.m.
Tuesday	9.00 a.m. to 5.00 p.m.
Wednesday	9.00 a.m. to 5.00 p.m.
Thursday	9.00 a.m. to 5.00 p.m.
Friday	9.00 a.m. to 1.00 p.m.
Saturday	By appointment

Closed for Lunch - 1.00 till 2.00 each day

Counter sales and mail order catalogue.  
Callers by appointment.  
Please pre-order by phone or email.

# INDEX

## Materials :-

Copper	pages	3
Brass	pages	4 - 7
Bronze (SAE660)	pages	7
Phosphor Bronze (PB102)	page	8
Gunmetal (LG2)	page	8
Steel	pages	10 - 13
Cast Iron	page	14
Aluminium	page	16 & 17
Plastic	page	17
Silversteel and Gauge plate	page	9
Stainless steel	page	14 & 15
Nickel silver	page	15
Rivets & snaps	pages	18, & 19
Steel Screws	pages	20, 21, 22, & 23
Stainless/Bronze Screws	pages	23
Brass Screws	pages	24 & 25
Steel Fasteners BSF	page	26
Balls (St.Steel & Bronze)	page	26
Washers	page	27

## Tools :-

Taps/Dies	pages	28, 29, 30 & 31
Milling cutters	page	30
Tapper pin reamers	page	40
Centre drills/drills	pages	30 & 31

Boiler & Pipe Fittings	pages	32, 33, 34, 35, 36, 37 & 38
Ancillaries	pages	38, 39, 40, 41, 42, 43 & 44
Books	page	45
Piston rings	page	45
Surplus, end of line stock	page	46
Terms and conditions	page	47
Map	page	48



## Copper.

**Tube: All O/D.** Price per metre unless stated.

<u>Code</u>			<u>Code</u>		
03/010	1/16" x 28g	£ 5.50	03/033	1" x 18g	£ 31.15
03/011	3/32" x 24g	£ 5.50	03/034	1" x 16g	£ 42.40
03/012	1/8" x 22g	£ 4.80		1 1/8" x 20g	£41.60
03/070	5/32" x 20g	£ 4.95	03/035	1 1/8"x 16g	£ 48.55
03/013	5/32" x 22g	£ 4.95	03/036	1 1/4"x 10g	£ 68.25
03/014	3/16" x 22g	£ 5.73	03/037	1 1/4"x 16g	£ 43.10
03/015	3/16" x 16g	£ 14.70	03/038	1 3/8"x 16g	£ 56.40
03/016	1/4" x 20g	£ 6.80	03/040	1 1/2"x 10g	£ 104.30
03/017	1/4" x 16g	£ 16.40	03/041	1 3/4"x 16g	£ 83.75
03/018	5/16" x 20g	£ 8.10	03/042	1 3/4"x 10g	£ 128.80
03/019	5/16" x 16g	£ 19.67	03/043	2" x 16g	£ 105.60
03/020	3/8" x 20g	£ 9.70	03/044	2" x 10g	£ 124.70
03/021	3/8" x 16g	£ 20.94	03/045	2 1/4"x 16g	£ 117.45
03/022	7/16" x 20g	£ 18.67	03/046	2 1/2"x 16g	£ 126.35
03/023	7/16" x 16g	£ 20.94	03/048	3" x 16g	£ 168.80
03/024	1/2" x 18g	£ 15.90	03/050	3 1/4"x 16g	£ 184.25
03/025	1/2" x 16g	£ 35.57	03/051	3 1/2"x 16g	£ 198.50
03/026	9/16" x 20g	£ 21.10	03/053	4" x 16g	£ 254.40
03/027	5/8" x 20g	£ 18.75	03/054	4" x 10g	£ 268.95
03/028	5/8" x 18g	£ 19.60	03/056	4 3/4"x 10g	£ POA
03/029	5/8" x 16g	£ 31.50	03/057	5" x 10g	£ POA
03/030	3/4" x 18g	£ 28.35	03/062	5" x 13g	£ POA
03/031	3/4" x 16g	£ 31.50	03/059	5 1/2"x 10g	£ POA
03/063	3/4" x 12g	£ 44.80	03/060	6" x 10g	£ POA
03/032	7/8" x 16g	£ 40.80	03/061	6 1/4"x 10g	£ POA 1 piece 16" long only.

Copper tube 2 1/4" and above is While stock last, please check availability.

**Section.** Price per metre unless stated.

<u>Code</u>			<u>Code</u>		
03/110	3/8" x 1/4"	£ 20.50	03/112	1/2" x 3/8"	£ 33.60
			03/113	3/4" x 3/8"	£ 44.75

**Round.** Price per metre unless stated.

<u>Code</u>			<u>Code</u>			<u>Code</u>		
03/310	3mm	£ 8.35	03/314	3/8"	£ 24.52	03/318	7/8"	£ 90.00
03/311	3/16"	£ 10.40	03/316	5/8"	£ 57.15	03/319	1"	£ 110.50
03/312	1/4"	£ 15.10	03/317	20mm	£ 72.00	03/321	1 1/2"	£220.60
03/313	5/16"	£ 20.40						

**Square.** Price per metre unless stated.

<u>Code</u>			<u>Code</u>			<u>Code</u>		
03/211	10mm	£ 21.70	03/212	1/2"	£ 26.22	03/214	5/8"	£ 58.90

**Sheet.** Per square 300mm x 300mm (pr square foot, nominal),

<u>Code</u>			<u>Code</u>		
03/410	26g (0.45)	£ 16.65	03/415	16g (1.6)	£ 37.45
03/411	24g (0.55)	£ 17.40	03/418	8g (4.0)	£ 98.83 WSL
03/413	20g (0.90)	£ 22.42	03/419	3/16"	£ 123.15 WSL
03/414	18g (1.2)	£ 29.70			

**Wire - in 3 metre lengths.**

03/910	16g (0.064")	£6.50	03/912	18g (0.048")	£6.00
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## **Brass.**

**Tube (Drawn)** :- All O/D x wall. Price per metre unless stated.

\* = Slip fitting, sizes differ by 0.8mm

<u>Code</u>				<u>Code</u>			
04/010	0.072"	x 28g	£12.40	04/057	1"	x 22g	£31.80
04/011				04/028	1"	x 18g*	£33.65
04/012	1/8"	x 22g	£12.70	04/029	1"	x 16g	£37.25
04/013	5/32"	x 22g	£12.70	04/058	1 1/8"	x 16g	£44.60
04/014	3/16"	x 22g	£14.29	04/030	1 3/8"	x 16g	£56.27
04/015	1/4"	x 22g	£15.40	04/031	1 1/2"	x 20g	£52.40 WSL
04/016	5/16"	x 20g	£16.60	04/032	1 1/2"	x 16g	£56.27
04/017	3/8"	x 22g	£18.42	04/033	1 3/4"	x 20g	£63.40
04/018				04/034	1 3/4"	x 16g	£65.75
04/019	7/16"	x 22g	£19.10	04/035	2"	x 18g	£88.90
04/050	7/16"	x 18g*	£19.90	04/036	2"	x 10g	£127.80
04/020	1/2"	x 20g	£21.35	04/037	2 1/4"	x 16g	£117.45
04/021	1/2"	x 18g*	£22.40	04/038	2 1/2"	x 18g	£198.48
04/022	9/16"	x 22g	£24.00	04/039	2 1/2"	x 10g	£212.20
04/023	5/8"	x 22g	£24.00	04/051	2 9/16"	x 20g	£210.00
04/024	5/8"	x 18g*	£26.70	04/040	3 1/4"	x 10g	£311.91
04/025	3/4"	x 22g	£28.00	04/041			
04/026	3/4"	x 18g*	£29.10	04/043	4 3/4"	x 10g	£461.50
04/056	7/8"	x 22g	£29.40	04/044			
04/027	7/8"	x 18g*	£31.70	04/045			

**Square.** Price per metre unless stated ( $\Phi$  price pr 25mm length)

<u>Code</u>			<u>Code</u>			<u>Code</u>		
04/210	0.050	£ 7.80	04/215	1/4"	£ 12.04	04/220	5/8"	£ 37.86
04/211	0.1050"	£ 9.00 CA	04/216	5/16"	£ 16.82	04/221	3/4"	£ 48.45
04/212	3/32"	£ 8.80	04/217	3/8"	£ 18.20	04/222	1"	£ 2.92 $\Phi$
04/213	1/8"	£ 9.10	04/218	7/16"	£ 20.50	04/224	1 1/4"	£ 5.15 $\Phi$
04/226	4 mm	£ 9.10	04/219	1/2"	£ 29.40	04/225	2"	£ 12.00 $\Phi$
04/214	3/16"	£ 9.65				04/223	3"	£ 40.35 $\Phi$

## Brass Cont'd.

**Section.** Price per metre unless stated (Φ price pr 25mm length)

<u>Code</u>				<u>Code</u>			
04/110	1/8"	x 22g	£4.12	04/143	1 1/2"	x 3/16"	£32.70
04/115	1/4"	x 21g	£4.12	04/146	2"	x 3/16"	£39.60
04/112	5/16"	x 21g	£4.40	04/144	3"	x 3/16"	£59.40
04/111	3/16"	x 20g	£4.12	04/148	3/8"	x 1/4"	£16.20
04/113	3/8"	x 20g	£5.50	04/150	1/2"	x 1/4"	£21.65
04/119	1/2"	x 20g	£7.15	04/151	5/8"	x 1/4"	£25.20
04/116				04/190	3/4"	x 1/4"	£27.50
04/117	1/4"	x 16g	£7.21	04/152	1"	x 1/4"	£29.40
04/118	3/8"	x 16g	£7.70	04/153	1 1/4"	x 1/4"	£35.20
04/120	12mm x 1.6mm		£9.90	04/154	2"	x 1/4"	£53.90
04/125	3/4"	x 16g	£12.27	04/155	3"	x 1/4"	£69.10
04/126	1"	x 16g	£14.14	04/156	3 1/4"	x 1/4"	£81.25
04/127	1 1/4"	x 16g	£18.20	04/157	4"	x 1/4"	£188.25
04/129	3/4"	x 3/32"	£18.40	04/149	3/4"	x 5/16"	£30.10
04/130	1/4"	x 1/8"	£12.44	04/158	1 1/2"	x 5/16"	£61.40
04/131	3/8"	x 1/8"	£13.50	04/159	1/2"	x 3/8"	£45.00
04/132	1/2"	x 1/8"	£15.20	04/160	3/4"	x 3/8"	£46.24
04/133	3/4"	x 1/8"	£19.40	04/161	7/8"	x 3/8"	£48.30
04/134	1"	x 1/8"	£22.54	04/165	1 1/2"	x 3/8"	£100.00
04/135	1 1/2"	x 1/8"	£26.70	04/170	5/8"	x 1/2"	£40.55
04/138	1 3/4"	x 1/8"	£30.16	04/171	3/4"	x 1/2"	£48.65
04/136	2"	x 1/8"	£33.48	04/172	1"	x 1/2"	£98.60
04/137	4"	x 1/8"	£67.00	04/173	1 1/2"	x 1/2"	£130.50
04/141	1/4"	x 3/16"	£10.87	04/174	5"	x 1/2"	£ POA
04/142	3/8"	x 3/16"	£14.40	04/180	3 1/2"	x 3/4"	£ POA wsl
04/167	1/2"	x 3/16"	£18.03	04/185	4"	x 1"	£ POA wsl
04/145	3/4"	x 3/16"	£21.50				
04/140	1"	x 3/16"	£25.40				

### **Round (Free cutting).** CZ121 (CW614)

Price per metre unless stated (Φ price pr 25mm length)

<u>Code</u>			<u>Code</u>			<u>Code</u>		
04/309	3/32"	£4.25						
04/310	7/64"	£4.25	04/320	9/16"	£24.96	04/330	1 3/4"	£5.50 Φ
04/311	1/8"	£4.60	04/321	16mm	£45.83	04/331	2"	£8.75 Φ
04/312	5/32"	£4.85	04/322	3/4"	£47.50	04/332	2 1/4"	£12.00Φ
04/313	3/16"	£5.05	04/323	7/8"	£55.85	04/333	2 1/2"	£14.70 Φ
04/314	1/4"	£7.15	04/324	1"	£74.63	04/334	2 3/4"	£20.10 Φ
04/315	5/16"	£12.50	04/325	1 1/8"	£3.20 Φ	04/335	3"	£21.50 Φ
04/316	3/8"	£14.58	04/326	1 1/4"	£3.83 Φ	04/336	3 1/4"	£24.90 Φ
04/317	10mm	£15.90	04/327	1 3/8"	£4.43 Φ	04/337	3 1/2"	£28.30 Φ
04/318	7/16"	£17.40	04/328	1 1/2"	£4.50 Φ	04/339	4"	£36.65 Φ
04/319	1/2"	£21.50	04/329	1 5/8"	£4.70 Φ			

### **Hexagon (Free cutting).** CZ121 (CW614)

Price per metre unless stated (Φ price pr 25mm length)

<u>Code</u>			<u>Code</u>			<u>Code</u>		
04/510	3mm	£4.50	04/516	3/8"	£15.40	04/521	3/4"	£58.33
04/512	4mm	£	04/517	7/16"	£17.45	04/523	7/8"	£79.29
04/513	3/16"	£6.45	04/518	1/2"	£28.36	04/524	0.920"	£67.00 wsl
04/514	1/4"	£8.70	04/530	9/16"	£31.08	04/525	1"	£68.50
04/515	5/16"	£11.79	04/519	5/8"	£32.17	04/526	1 1/4"	£4.10 Φ
						04/528	1 1/2"	£6.00 Φ

**Half round (Convex).** Price per metre unless stated (Sizes are nominal)

Code			Code			Code		
04/610	0.068"	£3.35	04/614	3/16"	£7.66	04/617	1/2"	£28.80
04/611	3/32"	£3.85	04/615	6mm	£13.75	04/619	5/8"	£34.75
04/612	3mm x 1.5mm	£4.33	04/616	3/8"	£24.79	04/618	3/4"	£44.82
04/613	5/32"	£4.83						

**Angle.** Price per metre unless stated

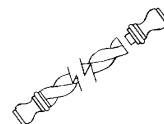
Code			Code		
04/710	1/4 x 1/4 x 1/16"	£11.46	04/716	1 x 1 x 1/16"	£28.43
04/711	5/16 x 5/16 x 1/16"	£13.30	04/717	1/2 x 1/2 x 1/8"	£19.55
04/712	3/8 x 3/8 x 1/16"	£13.50	04/718	5/8 x 5/8 x 1/8"	£23.40
04/713	1/2 x 1/2 x 1/16"	£17.30	04/719	3/4 x 3/4 x 1/8"	£29.80
04/714	5/8 x 5/8 x 1/16"	£18.05	04/720	1 x 1 x 1/8"	£34.51
04/715	3/4 x 3/4 x 1/16"	£21.95	04/721	3/4 x 3/4 x 1/4	£42.00 WSL

**Square Tube.** Price per metre unless stated

Code			Code		
04/250	1/2 x 1/2 x 18g	£25.60	04/252	1 x 1 x 18g	£39.00
04/251	3/4 x 3/4 x 18g	£33.30			

**Twisted Square** Price as advised.

(Used on showman's engines and fair ground models).



Price pr 600mm length

Code			Code			Code		
04/275	3/32" A/F	£9.25	04/278	3/16" A/F	£9.80	04/282	3/8" A/F	£15.51
04/276	1/8" A/F	£9.45	04/280	1/4" A/F	£11.35	04/283	7/16 A/F	£16.85
04/277	4mm A/F	£9.45	04/281	5/16" A/F	£14.45	04/284	1/2" A/F	£23.16

Price pr metre unless stated.

04/286	1/2" A/C	£52.25	04/295	7/8" A/C	£64.20	04/289	1 1/4" A/C	£103.40
04/287	3/4" A/C	£57.75	04/288	1" A/C	£73.15	04/290	1 1/2" A/C	£107.25

**Note** Twisted brass measured **A/F** is sold and priced pr 600mm length, it is also solid.Twisted brass measured **A/C** can be supplied to a max length of 4 metres.

It is also hollow.

**Channel.** Price per metre unless stated

Code			Code		
04/810	3/8 x 3/8 x 1/16"	£22.75	04/812	5/8 x 5/8 x 1/8"	£41.45 WSL
04/811	1/2 x 1/2 x 1/16"	£29.25			

**'T' Section.** Price per metre unless stated

Code			Code		
04/940	3/4 x 3/4" x 1/8"	£36.20	04/941	1 x 1 x 1/8"	£47.50

**Wire (round).** In 3 metre lengths.

Code			Code		
04/915	17g (1.4mm)	£4.85	04/913	22g (0.7mm)	£4.60
04/911	18g (1.2mm)	£4.85	04/914	2mm	£6.50
04/912	20g (0.9mm)	£4.60			

## Brass Cont'd.

### Sheet. Per 300mm x 300mm ( Pr. nominal square foot ) CZ108 (CW508)

Code			Code			Code		
04/410	26g (.45mm)	£13.10	04/413	20g (.90mm)	£23.98	04/416	2.5mm	£42.10
04/411	24g (.55mm)	£16.20	04/414	18g (1.2mm)	£29.48	04/417	3.0mm	£56.45
04/412	22g (.70mm)	£18.50	04/415	1.5mm	£35.08			

### Brass boiler band 22g sheet cut to width in 4 foot lengths. Price each.

Code			Code		
04/450	from 9/16 up to 3/4" wide	£6.00	04/451	above 3/4" upto 1 1/4"	£7.90
	Wider widths can be cut, ask for details.		04/452	above 1 1/4" upto 1 3/4"	£10.80

### Brass boiler band Price per metre. Comes off a coil, max length 5 metres.

Code			Code		
04/110	1/8" x 22g	£4.12	04/115	1/4" x 21g	£4.12
04/112	5/16" x 21g	£4.40	04/111	3/16" x 20g	£4.12
04/113	3/8" x 20g	£5.50	04/119	1/2" x 20g	£7.15

### Clock / Engraving sheet. Per 300mm x 300mm ( Pr. nominal square foot ) CZ120 (CW612)

Code			Code			Code		
04/430	18g (1.2mm)	£	04/433	12g (2.5mm)	£51.10	04/435	5/32" (4mm)	£ POA
04/431	16g (1.6mm)	£29.17	04/434	10g (3.0mm)	£85.20	04/436	3/16"	£ POA
04/432	14g (2.0mm)	£ POA						

### Mesh. Per 300mm x 300mm area. ( Pr. nominal square foot )

Code				
04/930	0.18mm hole fine brass mesh, 0.12mm Wire – 80 holes per inch.			£12.00
04/931	0.57mm hole medium brass mesh, 0.28mm Wire – 30 holes per inch.			£12.00
04/932	1.21mm hole coarse brass mesh, 0.375mm Wire – 16 holes per inch.			£12.00

## Leaded Bronze (SAE 660). Suitable for use on mild steel shafts, cuts like butter.

### Round (Solid). Price Per 25mm

Code			Code			Code		
05/310	1/2"	£1.05	05/314	1 1/4"	£6.20	05/318	2"	£13.38
05/311	5/8"	£1.30	05/315	1 3/8"	£7.55	05/319	2 1/2"	£16.05
05/312	3/4"	£2.62	05/316	1 1/2"	£8.33	05/320	3"	£22.51
05/313	1"	£5.81	05/317	1 3/4"	£11.91	05/322	3 1/2"	£29.62

### Round (Hollow). Outside diameter x internal diameter. Price Per 25mm

Code			Code			Code		
05/340	1" x 1/2"	£2.69	05/347	2" x 1 1/4"	£10.08	05/338	3 1/2" x 2 7/8"	£11.22
05/341	1 1/4" x 1/2"	£3.89	05/348	2" x 1 1/2"	£8.60	05/358	3 1/2 x 3"	£10.85
05/337	1 1/4" x 3/4"	£3.25	05/349	2 1/4" x 1 1/2"	£9.85	05/339	4" x 2"	£27.58
05/342	1 1/2" x 3/4"	£6.82	05/350	2 1/2" x 1 1/2"	£10.76	05/355	4" x 3 1/8"	£25.68
05/343	1 1/2" x 1"	£4.02	05/351	2 1/2" x 2"	£8.90	05/356	4" x 3 1/2"	£18.20
05/344	1 3/4" x 1"	£6.49	05/352	2 3/4" x 1 3/4"	£13.40		4 3/8" x 2 3/4"	£28.60
05/345	1 3/4" x 1 1/4"	£7.33	05/353	3" x 2 1/2"	£9.24	05/357	4 1/2" x 3 1/2"	£22.40
05/346	2" x 3/4"	£10.51	05/354	3 1/4" x 2 3/4"	£9.30	05/359	5 1/2" x 3 1/2"	£36.70

## **Cast Gunmetal (LG2).**

**Round.** Price per 25mm length, max length 300mm

<u>Code</u>			<u>Code</u>			<u>Code</u>		
05/385	1/2"	£2.70	05/388	1 1/4"	£6.36	05/391	2"	£15.93
05/386	3/4"	£3.51	05/389	1 1/2"	£8.84			
05/387	1"	£4.36	05/390	1 3/4"	£13.54			

**Square.** Price per 25mm length, max length 300mm

<u>Code</u>			<u>Code</u>			<u>Code</u>		
05/225	1/2"	£4.40	05/227	1"	£11.01	05/228	1 1/4"	£14.64
05/226	3/4"	£5.63						

## **Phosphor Bronze (Drawn PB 102).**

**Round.** Price per metre unless stated (Φ price pr 25mm)

<u>Code</u>			<u>Code</u>			<u>Code</u>		
05/360	1/8"	£	05/366	7/16"	£38.90	05/371	1 1/8"	£7.10 Φ
05/361	5/32"	£10.15	05/367	1/2"	£57.75	05/372	1 1/4"	£8.55 Φ
05/362	3/16"	£12.30	05/368	5/8"	£3.17 Φ	05/373	1 1/2"	£12.11 Φ
05/363	1/4"	£17.50	05/369	3/4"	£4.92 Φ	05/374	1 3/4"	£15.07 Φ
05/364	5/16"	£23.50	05/370	1"	£5.50 Φ	05/375	2"	£22.95 Φ
05/365	3/8"	£33.33						

Larger sizes ideal bearings with hard shafts and heavy loads.

**Section.** Price per metre unless stated (Φ price pr 25mm)

<u>Code</u>			<u>Code</u>			<u>Code</u>					
05/110	3/4"	x 3mm	£34.60	05/114	5 1/4"	x 1/4"	£	Φ 05/118	1 1/2"	x 1"	£ POAΦ
05/111	1"	x 3mm	£42.40	05/115	3"	x 3/8"	£	Φ 05/119	4"	x 1"	£ POA Φ
05/112	1"	x 1/4"	£83.75	05/116	3"	x 1/2"	£12.70 Φ				
05/113	3"	x 1/4"	£6.35 Φ								

**Hexagon.** Price pr 25mm

<u>Code</u>			<u>Code</u>			<u>Code</u>		
05/511	10mm	£2.80	05/514	.600"	£4.10	05/517	1"	£8.20
05/512	7/16"	£3.00	05/515	5/8"	£	05/518	1.2"	£16.30
05/513	1/2"	£3.20	05/516	3/4"	£6.80			

**Round Spring Wire.** Per coil (3 metres ).

<u>Code</u>			<u>Code</u>		
05/908	30g (0.012")	£5.75	05/912	22g (0.028")	£5.75
05/910	26g (0.018")	£5.75	05/913	20g (0.036")	£5.75

**Square.** Per 25mm length. (max length 1 metre).

<u>Code</u>			<u>Code</u>			<u>Code</u>		
05/211	1/2"	£3.22	05/213	1"	£13.01	05/217	1 3/4"	£32.80 WSL
05/212	3/4"	£5.10						

## Silver Steel (Round Precision Ground). Standard 13" lengths

<u>Code</u>			<u>Code</u>			<u>Code</u>		
06/310	1/16"	£0.85	06/335	9/16"	£10.21	06/312	2mm	£1.04
06/311	3/32"	£0.85	06/331	5/8"	£11.44	06/351	2.5mm	£1.04
06/313	1/8"	£1.05	06/332	3/4"	£20.16	06/336	3mm	£1.51
06/314	5/32"	£1.61	06/370	7/8"	£24.37	06/315	4mm	£1.61
06/316	3/16"	£1.68	06/333	1"	£26.04	06/317	5mm	£2.73
06/318	7/32"	£2.67	06/371	1 1/8"	£33.31	06/319	6mm	£4.15
06/320	1/4"	£3.15	06/334	1 1/4"	£50.91	06/322	7mm	£3.18
06/321	9/32"	£3.85	06/372	1 3/8"	£54.20	06/324	8mm	£3.85
06/325	5/16"	£3.85	06/373	1 1/2"	£58.73	06/327	10mm	£5.88
06/326	3/8"	£5.50	06/374	1 3/4"	£80.87	06/328	11mm	£6.88
06/329	7/16"	£7.06	06/375	2"	£110.72	06/340	12mm	£12.62
06/330	1/2"	£9.93				06/342	14mm	£13.70
						06/344	16mm	£15.02
						06/348	20mm	£17.29
						06/353	25mm	£26.85

## KEA 108 (Precision Ground) High duty tool steel. In 3 foot lengths only.

### Free cutting silver steel

<u>Code</u>		<u>Code</u>	
06/360	1/8" dia.	06/362	3/16"

While stocks last. Please check availability before ordering

## Silver Steel (Square). Per 13" (330mm) length. (While stocks last )

<u>Code</u>		<u>Code</u>		<u>Code</u>	
06/210	3/16"	06/212	3/8"	06/214	7/16"
	£7.20		£9.90		£12.55
06/213	10mm				
	£14.50				

## Gauge Plate or Ground Flat Stock Imperial 18" length – Metric 500mm length

<u>Code</u>			<u>Code</u>			<u>Code</u>		
07/111	1/2"	x 1/16"	07/119	2"	x 1/8"	07/128	4"	x 3/16"
	£8.62			£17.40			£37.50	
07/112	1"	x 1/16"	07/120	4"	x 1/8"	07/129	1/2"	x 1/4"
	£9.32			£30.00			£16.10	
07/113	2"	x 1/16"	07/121	6"	x 1/8"	07/130	1"	x 1/4"
	£14.00			£44.55			£18.60	
07/114	3"	x 1/16"	07/122	1/2"	x 3/16"	07/131	2"	x 1/4"
	£18.50			£12.56			£25.10	
07/115	1"	x 3/32"	07/123	3/4"	x 3/16"	07/134	3"	x 1/4"
	£11.40			£13.90			£34.00	
07/116	2"	x 3/32"	07/124	1"	x 3/16"	07/132	2"	x 5/16"
	£16.40			£15.80			£32.70	
07/117	1/2"	x 1/8"	07/125	2"	x 3/16"	07/133	2"	x 3/8"
	£12.90			£21.80			£38.80	
07/118	1"	x 1/8"	07/126	2 1/2"	x 3/16"	WSL	3/4"	x 1/2"
	£18.95			£25.00			£26.50	
			07/127	3"	x 3/16"	WSL	4"	x 1/2"
				£29.60			£67.80	
07/150	25mm x 1mm	£19.90	07/156	75mm x 1.5mm	£24.89	07/142	20mm x 3mm	£15.00
07/151	50mm x 1mm	£25.90	07/157			07/162	25mm x 3mm	£16.60
07/152	75mm x 1mm	£36.08	07/158	25mm x 2mm	£14.20	07/163	50mm x 3mm	£24.96
07/153			07/159	50mm x 2mm	£26.18	07/143	60mm x 3mm	£28.20
07/154	25mm x 1.5mm	£15.30	07/160	75mm x 2mm	£26.40	07/164	75mm x 3mm	£34.00
07/155	50mm x 1.5mm	£19.30	07/161			07/165	100mm x 3mm	£43.40

## Square Imperial 18" length

<u>Code</u>		<u>Code</u>		<u>Code</u>	
07/201	3/16"	07/203	3/8"	07/204	1/2"
	£17.60		£24.85		£35.95
07/202	1/4"				
	£19.20				

## Square Metric 500mm length

07/240	8mm x 8mm	£21.34	07/241	10mm x 10mm	£23.85
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# Steel

## **Bright Section (BS970:Pt3:1991 080A15)** Per metre unless stated

Code			Code			Code					
09/101	1/4"	x 1/16"	£3.80	09/156	3/8"	x 1/4"	£5.32	09/198	3/4"	x 1/2"	£12.05
09/102	3/8"	x 1/16"	£4.20	09/157	1/2"	x 1/4"	£6.00	09/199	1"	x 1/2"	£13.90
09/103	1/2"	x 1/16"	£4.60	09/158	5/8"	x 1/4"	£6.45	09/1100	1 1/4"	x 1/2"	£16.80
09/104	3/4"	x 1/16"	£5.40	09/159	3/4"	x 1/4"	£7.49	09/1101	1 1/2"	x 1/2"	£19.70
09/105				09/160	1"	x 1/4"	£9.67	09/1130	1 3/4"	x 1/2"	£25.90
09/109	3/8"	x 3/32"	£6.15	09/161	1 1/4"	x 1/4"	£9.35	09/1102	2"	x 1/2"	£29.15
09/110	1/2"	x 3/32"	£6.55	09/162	1 1/2"	x 1/4"	£11.05	09/1103	2 1/4"	x 1/2"	£33.25
09/111	3/4"	x 3/32"	£7.35	09/163	1 3/4"	x 1/4"	£12.42	09/1104	2 1/2"	x 1/2"	£37.30
09/119	Unobtainable			09/164	2"	x 1/4"	£14.54	09/1105	2 3/4"	x 1/2"	£40.25
09/120	1/4"	x 1/8"	£4.22	09/165	2 1/4"	x 1/4"	£16.52	09/1106	3"	x 1/2"	£43.20
09/121	3/8"	x 1/8"	£4.57	09/166	2 1/2"	x 1/4"	£18.50	09/1107	3 1/2"	x 1/2"	£51.85
09/122	1/2"	x 1/8"	£4.65	09/167	2 3/4"	x 1/4"	£20.45	09/1108	4"	x 1/2"	£59.30
09/123	5/8"	x 1/8"	£4.70	09/168	3"	x 1/4"	£22.15	09/1109	6"	x 1/2"	£88.90
09/124	3/4"	x 1/8"	£4.90	09/169	3 1/2"	x 1/4"	£25.93	09/1110	3/4"	x 5/8"	£18.93
09/125	1"	x 1/8"	£5.52	09/170	4"	x 1/4"	£29.71	09/1111	1"	x 5/8"	£22.75
09/126	1 1/8"	x 1/8"	£6.14	09/171	4 1/2"	x 1/4"	£37.13	09/1112	1 1/4"	x 5/8"	£26.60
09/127	1 1/4"	x 1/8"	£6.76	09/172	6"	x 1/4"	£44.46	09/1113	1 1/2"	x 5/8"	£31.92
09/128	1 1/2"	x 1/8"	£7.38	09/173	1/2"	x 5/16"	£7.75	09/1114	2"	x 5/8"	£37.10
09/129	1 3/4"	x 1/8"	£8.00	09/174	5/8"	x 5/16"	£8.15	09/1115	3"	x 5/8"	£55.66
09/130	2"	x 1/8"	£14.21	09/175	3/4"	x 5/16"	£8.51	09/1116	1"	x 3/4"	£29.17
09/131	2 1/2"	x 1/8"	£16.80	09/176	1"	x 5/16"	£9.28	09/1117	1 1/2"	x 3/4"	£38.23
09/132	2 3/4"	x 1/8"	£18.90	09/177	1 1/4"	x 5/16"	£14.08	09/1118	2"	x 3/4"	£55.83
09/133	3"	x 1/8"	£	09/178	1 1/2"	x 5/16"	£19.76	09/1119	2 1/2"	x 3/4"	£60.90
09/134				09/179	2"	x 5/16"	£21.83	09/1120	3"	x 3/4"	£66.75
09/135	4"	x 1/8"	£	09/180				09/1121	4"	x 3/4"	£88.90
09/138	6"	x 1/8"	£36.70	09/181	3"	x 5/16"	£27.84	09/1122	1 1/4"	x 1"	£37.10
09/140	3/8"	x 3/16"	£4.30	09/182	4"	x 5/16"	£39.10	09/1123	1 1/2"	x 1"	£43.10
09/141	1/2"	x 3/16"	£6.00	09/183	1/2"	x 3/8"	£6.30	09/1124	2"	x 1"	£68.45
09/142	5/8"	x 3/16"	£6.30	09/184	5/8"	x 3/8"	£6.99	09/1125	2 1/2"	x 1"	£74.15
09/143	3/4"	x 3/16"	£6.50	09/185	3/4"	x 3/8"	£10.47	09/1126	3"	x 1"	£88.90
09/144	1"	x 3/16"	£6.65	09/186	1"	x 3/8"	£11.45	09/1131	4"	x 1"	£118.55
09/145	1 1/4"	x 3/16"	£7.77	09/187	1 1/4"	x 3/8"	£13.65	09/1127	2"	x 1 1/2"	£88.90
09/146	1 1/2"	x 3/16"	£9.80	09/188	1 1/2"	x 3/8"	£16.60	09/1128	2"	x 1 3/4"	£201.00
09/147	1 3/4"	x 3/16"	£10.80	09/189	1 3/4"	x 3/8"	£19.45	09/1129	2 1/2"	x 1 3/4"	£287.00
09/148	2"	x 3/16"	£11.80	09/190	2"	x 3/8"	£28.50				
09/149	2 1/2"	x 3/16"	£14.75	09/191	2 1/2"	x 3/8"	£33.17				
09/150	3"	x 3/16"	£16.80	09/192	3"	x 3/8"	£33.30				
09/151				09/193	4"	x 3/8"	£44.46				
09/152	4"	x 3/16"	£23.65	09/194	5"	x 3/8"	£55.56				
09/153	4 1/2"	x 3/16"	£32.78	09/195	6"	x 3/8"	£66.75				
09/154				09/196							
09/155	6"	x 3/16"	£37.50	09/197	5/8"	x 1/2"	£9.28				

## **Bright Section Packs** Each length is 300mm (Nominal 12") long.

09/1150	1/16 x 1/4, 3/8, 1/2, 3/4"	£5.85	09/1154	3/16 x 1 1/4, 1 1/2, 1 3/4, 2"	£10.70
09/1151	1/8 x 1/4, 3/8, 1/2, 5/8, 3/4, 1"	£7.65	09/1155	1/4 x 3/8, 1/2, 5/8, 3/4, 1"	£8.75
09/1152	1/8 x 1 1/4, 1 1/2, 1 3/4, 2"	£8.20	09/1156	1/4 x 1 1/4, 1 1/2, 1 3/4, 2"	£12.65
09/1153	3/16 x 3/8, 1/2, 5/8, 3/4, 1"	£7.20			

## Steel Cont'd

### Bright Section (Metric) (EN3B) Per metre unless stated

<u>Code</u>			<u>Code</u>			<u>Code</u>		
09/950			09/955	20mm	x 12mm	09/960	70mm	x 30mm
09/951	50mm	x 8mm	09/956	125mm	x 16mm	09/961	110mm	x 30mm
09/952	45mm	x 10mm	09/957	60mm	x 20mm	09/962		
09/953	55mm	x 10mm	09/958	45mm	x 25mm	09/963	160mm	x 50mm
09/954	125mm	x 10mm	09/959	50mm	x 30mm	09/964	140mm	x 140mm

### Bright Square (EN3B) Per metre unless stated

<u>Code</u>			<u>Code</u>			<u>Code</u>		
09/201			09/208	16mm		09/216	2 1/4"	
09/202	3/16"	£3.00	09/209	3/4"		09/217	2 1/2"	
09/203	1/4"	£3.90	09/210			09/218	2 3/4"	
09/204	5/16"	£4.30	09/211	1"		09/230	3"	
09/205	3/8"	£5.50	09/212	1 1/4"		09/219	3 1/4"	
09/206	7/16"	£9.80	09/213	1 1/2"		09/220	3 1/2"	
09/207	1/2"	£7.90	09/214	1 3/4"		09/221	4"	
			09/215	2"		09/222	4 1/2"	

### Round Imperial. Per metre unless stated (3/32 to 5/8 – EN3B, 3/4 and up EN1A ).

<u>Code</u>			<u>Code</u>			<u>Code</u>		
09/302	3/32"	£2.00	09/314	3/4"		09/325	2 1/2"	
09/303	1/8"	£2.00	09/315	7/8"		09/326	2 3/4"	
09/304	5/32"	£2.10	09/317	1"		09/327	3"	
09/305	3/16"	£2.20	09/318	1 1/8"		09/328	3 1/2"	
09/306	1/4"	£2.55	09/319	1 1/4"		09/329	4"	
09/307	5/16"	£3.23	09/320	1 3/8"		09/330	4 1/2"	
09/308	3/8"	£4.51	09/321	1 1/2"		09/331	4 3/4"	
09/310	7/16"	£5.15	09/339	1 5/8		09/332	5"	
09/311	1/2"	£7.93	09/322	1 3/4"		09/333	5 1/4"	
	9/16"	£11.28	09/323	2"		09/334	6"	
09/312	5/8"	£9.91	09/324	2 1/4"		09/336	7"	
09/309	9/64"	£2.00 WSL						

### Round Metric. Per metre unless stated (2mm to 16mm – EN3B,18 and up EN1A).

<u>Code</u>			<u>Code</u>			<u>Code</u>		
09/340	2 mm	£2.00	09/347	10mm	£5.20	09/352	22mm	£16.50
09/341	3 mm	£2.00	09/348	12mm	£6.30	09/353	25mm	£17.75
09/342	3.5mm	£2.10	09/349	14mm	£7.91	EN3B	42mm	£34.20
09/343	4mm	£2.10	09/350	18mm	£10.76	EN3B	50mm	£41.24
09/344	4.5mm	£2.20	09/351	20mm	£15.02		60mm	£98.00

### Bright Angle (Drawn) Per metre unless stated

<u>Code</u>			<u>Code</u>		
09/700	12mm	x 12mm	09/709	32mm	x 32mm
09/715	16mm	x 16mm	09/705	40mm	x 40mm
09/701	20mm	x 20mm	09/706	40mm	x 40mm
09/702	25mm	x 25mm	09/707	40mm	x 40mm
09/703	32mm	x 32mm	09/708	50mm	x 50mm

\*note, this is drawn black but with a sharp corner.

### Piano Wire Price per 3 meters.

09/920	16g (0.064")	£7.05	09/925	26g (0.018")	£5.50
09/922	20g (0.036")	£5.50	09/926	28g (0.015")	£5.50
09/923	22g (0.028")	£5.50	09/927	30g (0.012")	£5.50
09/924	24g (0.022")	£5.50			

**Steel cont'd****Tube - Round (Drawn)** Per metre unless stated ( OD x Wall )

<u>Code</u>				<u>Code</u>			
09/001	1/4"	x 20g	£3.23	09/015	1 1/4"	x 5/16	£47.87
09/002	3/8"	x 18g	£3.77	09/016			
09/004	5/8"	x 18g	£3.87	09/017	1 3/8"	x 1/8	£32.70
09/005	3/4"	x 18g	£6.45	09/018	1 1/2"	x 1/8"	£34.38
09/006	7/8"	x 18g	£6.60	09/019	2"	x 1/4"	£46.70
09/007	1"	x 18g	£6.66	09/020	2 3/8"	x 1/16	£21.10
09/008	1 1/8"	x 18g	£7.30	09/024	3/4"	x 14g	£10.40
09/009	1 1/4"	x 18g	£7.87	09/025	1 3/4	x 1/4	£57.82
09/012	3/4"	x 1/4"	£21.55	09/026	2 1/4	x 1/4	£64.35
09/013	7/8"	x 1/8"	£13.41	09/029	53mm	x 6.5mm	£64.45
09/014	1 1/4"	x 16g	£9.20				

**Tube - Square (Welded)** Per metre unless stated

<u>Code</u>				<u>Code</u>			
09/060	1/2" x 1/2"	x 18g	£4.13	09/068	1" x 1"	x 16g	£12.71
09/061	1/2" x 1/2"	x 16g	£5.20	09/069	1" x 1"	x 14g	£14.17
09/063	5/8" x 5/8"	x 16g	£8.40	09/071	40mm x 40mm	x 2mm	£19.70
09/065	3/4" x 3/4"	x 16g	£11.67	09/072	50mm x 50mm	x 2mm	£22.80

**Tube - Round (Welded)** Per metre unless stated ( OD x Wall )

<u>Code</u>				<u>Code</u>				<u>Code</u>			
09/030	3/8"	x 18g	£2.60	09/033	5/8"	x 18g	£3.90	09/036	7/8"	x 18g	£4.92
09/031	1/2"	x 18g	£3.75	09/034	3/4"	x 18g	£4.26	09/037	1"	x 18g	£5.33
09/032	1/2"	x 22g	£3.30	09/035	3/4"	x 16g	£4.60	09/038	1"	x 16g	£5.85

**Hexagon (EN1A)** Per metre unless stated

<u>Code</u>				<u>Code</u>				<u>Code</u>			
09/501	3.00mm (10BA)	£5.00		09/552	0.324"	#(2BA)	£5.60	09/526	15/16"		£24.60
09/505	5.5mm	£5.00		09/513	11/32"		£5.90	09/527	1"		£29.72
09/508	6mm	£5.00		09/514	3/8"		£6.20	09/553	1 1/8"		£32.45
09/502		£		09/515	7/16"		£7.32	09/528	1 3/16"		£33.50
09/551	5/32" (8BA)	£4.50		09/517	1/2"		£7.55		1.2"	#	£33.75
09/503	3/16"	£4.75		09/519	9/16"		£10.25	09/529	1.3"	#	£35.60
09/504	0.193" (6BA)	£4.75		09/521	5/8"		£13.25	09/530	1.48"	#	£39.80
09/507	7/32" (5BA)	£4.75		09/522	0.710"	#	£16.10	09/531	1.67"	#	£53.20
09/510	1/4"	£5.00		09/523	3/4"		£18.60				
09/512	5/16"	£5.60		09/525	7/8"		£22.00				

# whilst stocks last only.

**Hexagon EN9** Per metre unless stated. (Oil hardening steel)

<u>Code</u>				<u>Code</u>				<u>Code</u>			
09/539	3/8"	£11.00		09/541	5/8"	£28.80		09/544	1"	£46.58	
09/540	1/2"	£15.30		09/542	3/4"	£31.65					

**Steel cont'd** Please refer to terms and conditions regarding sheet material  
**Bright Sheet** Per 300mm x 300mm area ( Pr. nominal square foot )

Code			Code		
09/401	22g (0.7mm)	£	09/403	18g (1.2mm)	£9.40
09/402	20g (0.9mm)	£8.02	09/404	16g (1.6mm)	£10.02

**Black Plate** Per 300mm x 300mm area ( Pr. nominal square foot )

Code			Code		
09/409	2.0mm	£5.20	09/408	5.0mm	£12.80
09/405	2.5mm	£6.17	09/410	8.0mm	£15.75
09/406	3.0mm	£10.14			

**EN8 round** Per metre unless stated

09/380	5mm	£4.70	1"	£19.25				
09/382	6mm	£4.75	1 1/4"	£39.35	3"	£POA		
	20mm	£14.38	1 1/2"	£42.60	3 1/2"	£POA		
	25mm	£19.25	09/381	1 3/4"	£77.00	3 3/4"	£POA	
09/385	30mm	£38.69	09/383	2"	£99.50	09/384	4"	£POA
	35mm	£47.65		2 1/4"	£123.60			
	50mm	£74.17						
	60mm	£98.00		2 1/2"	£142.00	6"	£POA	
	120mm	£483.35		2 3/4"	£POA			
	170mm	£POA						

**EN16T (605M36T) round** Per metre unless stated

09/386	1/2"	£16.40	09/387	5/8"	£20.75	09/388	2"	£126.40
	1	£37.45		1 1/4"	£54.60			

**EN24T (817M40) round** Per metre unless stated

	12mm	£16.66	09/391	25mm	£37.30	09/392	1 1/4"	£54.60
09/390	5/8"	£20.75		1 1/2"	£79.40		2 1/2"	£203.50
	3/4"	£31.26		2"	£91.67		90mm	£250.00

**Round (Precision Ground, EN1A)** Per metre unless stated

Code			Code			Code		
09/375	3/8"	£8.15	09/371	5/8"	£22.80	09/376	1 1/4"	£42.80
09/370	1/2"	£14.10	09/373	3/4"	£31.12	09/377	1 1/2"	£49.75
			09/374	1"	£			

**Cold Finished Seamless Pressure Tube** Price per metre. (Material certs. available)

Suitable for steel boilers. Other sizes available – ring for quote

Code			Code		
09/080	3/4" x 2.03mm wall	£17.94	09/082	1" x 2.64 mm wall	£23.10
09/092	20mm x 2mm wall	£17.94	09/083	1 1/4" x 3.25 mm wall	£26.45

Tube expanders for the above can be supplied P.O.A.

**CS70 Bright annealed Spring strip** Per metre unless stated

Code			Code		
09/910	1/2" x 1/16"	£6.96	09/912	3/4" x 1/8"	£10.55
09/915	3/4" x 1/16"	£8.48	09/913	1" x 1/8"	£12.82 WSL
09/911	1" x 1/16"	£10.66			

**CS95 hard tempered spring steel strip**

09/930	5/16 x 0.006"	£23.40	09/935	7/16 x 0.008"	£23.40
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**Black hot rolled annealed spring steel (EN42J)**

09/940	3/16 x 1 1/4	£27.08	09/946	6mm x 5 1/4	£128.14
09/942	3/16 x 1 3/4	£31.94	09/914	1/8" x 1 1/8"	£19.59

## Cast Iron (EN1561 – grade 250)

**Round** No blow holes or hard spots. Cuts like butter Per 25mm unless stated

<u>Code</u>			<u>Code</u>			<u>Code</u>		
08/310			08/315	50mm	£4.29	08/321	125mm	£14.26
08/311	25mm	£2.75	08/316	65mm	£5.05	08/322	140mm	£18.40
08/312	35mm	£2.93	08/317	75mm	£6.25	08/323	150mm	£20.06
08/313	40mm	£3.46	08/319	90mm	£8.35	08/327	180mm	£27.08
08/314	45mm	£3.96	08/320	110mm	£10.69	08/324	250mm	£52.24

**Note** – cutting charge on item 08/324 £6.00 each cut

**Section** Per 25mm

<u>Code</u>			<u>Code</u>		
08/112	50mm	x 50mm	£5.72	08/122	140mm x 90mm £27.72
08/113	100mm	x 50mm	£11.44	08/115	80mm x 80mm £14.08

## Stainless Steel

**Section** Per metre unless stated

<u>Code</u>			<u>Code</u>			<u>Code</u>			
10/101	1/2"	x 1/8" AA	£8.91	10/105	25mm x 6mm	£18.00	10/108	1 1/4" x 3/8" £32.89	
10/102	1"	x 1/8" BB	£12.52	10/106	2" x 1/4"	£28.60	10/109	25mm x 12mm £36.08	
10/103	20mm	x 5mm	£12.91	10/107	20mm x 10mm	£23.74			
10/104	3/4"	x 3/16"	£13.40						

AA = 12 x 3mm when stocks gone

BB = 25 x 3mm when stocks gone same price

**Round (Free cutting 304)** Per metre unless stated

<u>Code</u>			<u>Code</u>			<u>Code</u>		
10/302	2 mm	£4.57	10/305	1/8"	£3.00	10/334	1 1/4"	£102.00
10/304	3 mm	£4.77	10/308	3/16"	£5.20	10/336	1 1/2"	£129.22
10/306	4 mm	£5.29	10/311	1/4"	£7.16	10/337	1 5/8"	£135.20
10/310	5 mm	£6.10	10/313	8 mm	£8.90	10/338	1 3/4"	£146.25
10/316	10 mm	£13.05	10/315	3/8"	£11.33	10/339	2"	£152.00
10/318	12mm	£19.25	10/317	7/16"	£15.23	10/340	2 1/4"	£ POA
10/325	18mm	£35.29	10/319	1/2"	£17.37	10/342	2 3/8"	£ POA WSL
10/327	20mm	£45.00	10/321	9/16"	£21.19	10/344	2 1/2"	£ POA
10/329	25mm	£46.67	10/323	5/8"	£25.37	10/346	2 3/4"	£ POA
10/331	30mm	£48.86	10/326	3/4"	£30.00	10/350	3"	£ POA
	35mm	£125.00	10/328	7/8"	£39.33	10/354	3 1/2"	£ POA
10/301	1/16"	£3.76	10/330	1"	£48.00		6"	£ POA Pr Inch
10/303	3/32"	£3.40	10/332	1 1/8"	£55.90 WSL			

**Square** Per metre unless stated

10/201	10mm	£25.00	10/203	12mm	£27.50	10/205	25mm	£76.25
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**Hexagon (Free Cutting)** Per metre unless stated

10/501	0.152"	£10.80	10/505	7/16"	£14.93
10/502	0.193" (6BA)	£10.80	10/507	9/16"	£24.24
10/503	0.248" (4BA)	£11.20	10/509	5/8"	£29.85
10/504	5/16"	£10.20	10/511	0.820"	£

## **Stainless Steel cont'd**

### **Tube - Round (Drawn)** Per metre unless stated

<u>Code</u>				<u>Code</u>				<u>Code</u>			
10/001	3/16"	x 22g	£17.40	10/004	3/8"	x 20g	£16.74	10/008	5/8"	x 18g	£24.62
10/002	1/4"	x 20g	£18.20	10/005	7/16"	x 20g	£19.35	10/011	5/8"	x 16g	£26.97
10/003	5/16"	x 20g	£18.85	10/006	1/2"	x 18g	£18.03	10/009	3/4"	x 18g	£30.20
WSL	3/8"	x 18g	£19.60					10/010	1"	x 16g	£34.90

### **Tube - Round (Welded)** Per metre unless stated

<u>Code</u>				<u>Code</u>				<u>Code</u>			
10/020	1 1/4"	x 16g	£19.32	10/022	1 3/4"	x 1mm	£19.35	10/024	8mm	x 0.6mm	£8.58
10/021	1 1/2"	x 16g	£20.18	10/023	2"	x 16g	£23.60				

### **Tube - Square (Welded)** Per metre unless stated

10/060 20mm x 20mm x 1.2mm £19.65

### **Sheet** Per 300mm x 300mm area. ( Pr. nominal square foot )

#### Code

10/401	26g (0.45mm)	£13.62
10/405	24g (0.55mm)	£15.15
10/402	22g (0.7mm)	£16.20
10/403	18g (1.2mm)	£20.06
10/406	16g (1.6mm)	£27.70

### **Mesh** Per 300mm x 300mm area. ( Pr. nominal square foot )

10/430	16 mesh x 27g wire	£24.90	10/431	10 mesh x 24g wire	£26.75
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### **Stainless Wire** Price per 3 metres.

24g £6.00

## **Nickel Silver**

### **Round** Per 300mm unless stated

13/301	6mm dia	£6.00			
13/308	13/32" dia	£25.36	13/311	5/8" dia	£60.00
			13/315	7/8" dia	£105.00

Nickel silver sheet      Approx 31" x 3 1/4" x 20g (0.036")      £15.00 each (approx 20 in stock)

## Aluminium

### Section Per metre unless stated.

<u>Code</u>				<u>Code</u>				<u>Code</u>			
11/101	3/8"	x 1/16"	£4.80	11/111	1 1/4"	x 1/4"	£11.63	11/145	1 1/4"	x 1/2"	£16.88
11/102	3/8"	x 1/8"	£5.35	11/112	2"	x 1/4"	£16.67	11/121	1 1/2"	x 1/2"	£22.17
11/103	1/2"	x 1/8"	£6.80	11/113	2 1/2"	x 1/4"	£18.10	11/124	1 1/2"	x 5/8"	£31.20
11/104	3/4"	x 1/8"	£7.70	11/114	3/4"	x 3/8"	£10.07	11/125	2"	x 5/8"	£42.13
11/105	1"	x 1/8"	£8.08	11/115	1"	x 3/8"	£12.35	11/126	1"	x 3/4"	£19.37
11/106	1 1/2"	x 1/8"	£10.65	11/117	2"	x 3/8"	£28.50	11/146	2"	x 3/4"	£39.80
11/107	2"	x 1/8"	£12.90	11/118	4"	x 3/8"	£40.63	11/127	1 1/2"	x 1"	£32.55
11/108	1"	x 3/16"	£9.60	11/119	7/8"	x 1/2"	£13.20	11/128	2"	x 1"	£43.24
11/109	3/4"	x 1/4"	£7.53	11/120	1"	x 1/2"	£13.97	11/131	2"	x 1 1/2"	£82.38
11/110	1"	x 1/4"	£9.98	11/122	2"	x 1/2"	£24.10	11/136	3"	x 2"	£107.25

### Round (BSEN755/2-6082 T6) Per metre unless stated (Φ price pr 25mm)

<u>Code</u>			<u>Code</u>		<u>Code</u>			
11/301	1/8"	£3.95	11/309	1"	£23.70	11/317	2 3/4"	£124.80
11/302	3/16"	£4.80	11/331	1 1/8"	£24.75	11/318	3"	£133.75
11/303	1/4"	£5.05	11/310	1 1/4"	£28.90	11/320	3 1/2"	£7.05 Φ
11/304	5/16"	£5.24	11/311	1 1/2"	£38.13	11/321	3 3/4"	£9.55 Φ WSL
11/305	3/8"	£6.34	11/312	1 5/8"	£45.65	11/322	4"	£12.70 Φ
11/306	1/2"	£9.74	11/313	1 3/4"	£54.21	11/324	4 1/2"	£14.22 Φ
11/307	5/8"	£13.17	11/314	2"	£70.00	11/325	5"	£15.75 Φ
11/308	3/4"	£15.98	11/315	2 1/4"	£78.70	11/326	6"	£24.62 Φ
11/330	7/8	£20.42	11/316	2 1/2"	£98.50	11/327	7"	£46.80 Φ

### Hexagon Per metre unless stated

<u>Code</u>			<u>Code</u>		
11/501	0.445"	£23.80 WSL	11/502	0.525"	£24.60 WSL

### Square Per metre unless stated

<u>Code</u>			<u>Code</u>		<u>Code</u>			
11/205	1/4"	£4.20	11/208	5/8"	£22.70	11/211	1 1/4"	£47.11
11/206	3/8"	£6.07	11/209	3/4"	£27.24	11/212	50mm	£60.35
11/207	1/2"	£9.10	11/210	1"	£36.33			

### Tube - Round (Drawn or extruded) Per metre unless stated

<u>Code</u>				<u>Code</u>				<u>Code</u>			
11/005	1/4"	x 20g	£6.60	11/012	7/8"	x 18g*	£12.56	11/030	1 1/4"	x 10g	£18.45
11/006	5/16"	x 20g	£6.94	11/013	1"	x 18g*	£14.29	11/018	1 1/2"	x 16g	£22.80
11/007	3/8"	x 18g*	£5.10	11/014	1"	x 16g	£15.10	11/019	1 1/2"	x 10g	£20.76
11/008	1/2"	x 18g*	£5.50	11/015	1 1/8"	x 18g*	£16.30	11/020	1 3/4"	x 16g	£26.40
11/009	1/2"	x 16g	£5.65	11/029	1 1/8"	x 10g	£18.90	11/031	1 3/4"	x 1/4"	£34.65
11/010	5/8"	x 18g*	£8.46	11/016	1 1/4"	x 18g*	£18.62	11/021	2"	x 10g	£28.46
11/011	3/4"	x 18g*	£11.53	11/017	1 1/4"	x 16g	£22.50	11/022	3 1/4"	x 1/2"	£137.90
<b>* Slip fitting, sizes differ by 0.8mm</b>								11/023	3 1/2"	x 10g	£67.26

### Tube - Square Per metre unless stated

<u>Code</u>				<u>Code</u>					
11/050	3/4"	x 3/4"	x 16g	£7.45	11/052	1 3/4"	x 1 3/4"	x 10g	£32.62
11/051	1"	x 1"	x 16g	£9.11					

## Aluminium cont'd

### Sheet Per 300mm x 300mm.

<u>Code</u>			<u>Code</u>			<u>Code</u>		
11/410	22g (0.7mm)	£7.79	11/424	2.5mm	£17.94	11/419	8mm	£47.59
11/411	20g (1.0mm)	£8.20	11/414	3.0mm	£22.15	11/420	10mm	£52.74
11/412	18g (1.2mm)	£8.75	11/415	4.5mm	£23.65	11/421	12mm	£58.56
11/413	1.5mm	£12.74	11/416	3/16"	£24.38	11/422		
11/423	2mm	£13.73	11/417	6mm	£32.90			

### Angle Per metre unless stated

<u>Code</u>				<u>Code</u>					
11/705	1/2"	x 1/2"	x 1/16"	£8.62	11/710	1"	x 1"	x 1/8"	£12.42
11/706	3/4"	x 3/4"	x 1/16"	£9.26	11/711	1 1/2"	x 1 1/2"	x 1/8"	£13.68
11/707	1"	x 1"	x 1/16"	£10.33	11/708	2 1/4"	x 1 1/4"	x 1/8"	£15.15
11/709	3/4"	x 3/4"	x 1/8"	£11.35	11/712	2"	x 1 1/2"	x 3/16"	£15.60

### Tee section Per metre unless stated

<u>Code</u>				<u>Code</u>					
11/905	3/4"	x 3/4"	x 1/8"	£11.35	11/907	2"	x 1"	x 1/8"	£14.64
11/906	1"	x 1"	x 1/8"	£12.42	11/908	2"	x 2"	x 1/8"	£15.63

### Channel Per metre unless stated

<u>Code</u>				<u>Code</u>					
11/805	1/2"	x 1/2"	x 1/8"	£8.32	11/809	1 1/2"	x 3/4"	x 1/8"	£11.64
11/806	3/4"	x 1/2"	x 1/8"	£8.68	11/810	2"	x 1"	x 1/8"	£14.68
11/807	1"	x 1/2"	x 1/8"	£9.94	11/811	2"	x 1 1/2"	x 1/8"	£16.74

## Plastics

### PTFE round. (bearing material) Per metre unless stated (min. length 150mm)

<u>Code</u>			<u>Code</u>			<u>Code</u>		
12/305	8mm	£15.80	12/308	15mm	£40.35	12/310	25mm	£111.28
12/307	12mm	£26.30	12/309	20mm	£70.65	12/311	30mm	£160.50

### Nylon 6. Black round. Per metre unless stated (min. length 150mm)

<u>Code</u>			<u>Code</u>			<u>Code</u>		
12/355	12mm	£9.30	12/359	30mm	£55.45	12/362	45mm	£124.40
12/357	20mm	£24.93	12/360	36mm	£79.73	12/363	50mm	£152.10
12/358	25mm	£38.85	12/361	40mm	£97.88			

## **Rivets - Round Head**

### **Aluminium** Price per 100

#### Code

30/101 3/16" x 3/4" £6.18 30/105 1/8" x 3/8" £4.62

### **Brass** Price per 100

#### Code

30/201 1/32" x 1/4" £7.04

30/202 1/32" x 3/8" £7.09

30/203 3/64" x 1/4" £7.09

#### Code

30/204 1/16" x 3/8" £7.15

30/205 1/8" x 1/2" £11.82

#### Code

30/206 3/16" x 1/4" £12.76 WSL

30/207 3/16" x 3/8" £13.20

### **Copper** Price per (quantity) stated

#### Code

30/301 1/16" x 1/4"

30/302 1/16" x 3/8"

30/303 3/32" x 1/2" £4.86

30/305 1/8" x 1/2" £4.86

30/308 1/8" x 1" £6.48

#### 50

#### 100

£5.72

£5.83

£7.72

£7.92

£10.56

#### Code

30/309 3/16" x 1/2" £3.33

30/310 3/16" x 3/4" £4.64

30/312 3/16" x 1" £5.37

30/316 1/4" x 3/8" £2.38

30/317 1/4" x 1/2" £4.02

#### 10

#### 100

£

£31.90

£36.96

£19.44

£26.80

Add 1 to the end of the code for qnty. of 100

EG – 30/3031

### **Steel** Price per (quantity) stated

#### Code

30/401 1/16" x 1/2" (50) £2.65

30/402 3/32" x 1/4" (50) £3.50

30/403 3/32" x 1/2" (50) £3.52

30/404 3/32" x 3/4" (50) £4.25

30/461 1/8" x 1/4" (50) £3.96

30/405 1/8" x 5/16" (50) £4.18

30/417 1/8" x 3/8" (50) £4.40

30/406 1/8" x 1/2" (50) £4.53

30/407 1/8" x 3/4" (50) £5.20

30/408 5/32" x 3/8" (50) £4.95

30/409 3/16" x 1/4" (50) £5.94

30/410 3/16" x 3/8" (50) £6.27

30/411 3/16" x 1/2" (50) £7.99

30/412 3/16" x 5/8" (50) £6.95

30/413 3/16" x 3/4" (50) £7.10

30/414 3/16" x 7/8" (50) £7.25

30/415 3/16" x 1" (50) £7.50

#### Code

30/416 3/16" x 1 1/4" (50) £7.90

30/420 1/4" x 1/4" (50) £6.50

30/421 1/4" x 1/2" (50) £7.92

30/422 1/4" x 3/4" (50) £8.36

30/423 1/4" x 7/8" (50) £8.91

30/424 1/4" x 1" (50) £9.24

30/425 1/4" x 1 1/4" (50) £9.60

30/426 1/4" x 1 1/2" (50) £10.10

30/427 1/4" x 2" (50) £11.20

30/435 5/16" x 3/8" (50) £10.56

30/436 5/16" x 3/4" (50) £11.88

30/437 5/16" x 1" (50) £12.10

30/439 5/16" x 1 1/2" (50) £12.60

30/444 3/8" x 1" (50) £16.70

30/445 3/8" x 1 1/4" (50) £18.86

30/446 3/8" x 1 3/8" (50) £20.98

30/448 3/8" x 1 3/4" (50) £23.40

### **Countersink Head** Steel Price per (quantity) stated

#### Code

30/501 3/32" x 3/8" (50) £4.20

30/505 1/8" x 1/2" (50) £4.53

30/506 5/32" x 3/8" (50) £5.18

**Aluminium** 1/8 x 3/8 (50) £3.65 WSL

#### Code

30/507 3/16 x 3/8" (50) £6.27

30/508 1/4" x 1" (50) £9.24

### **Mushroom Head** Steel Price per 50 unless stated

30/510 3/16" x 1" £3.50 WSL

**Round head threaded rivets** – steel. Price per (quantity) stated

<u>Code</u>		<u>10</u>	<u>100</u>	<u>Code</u>		<u>10</u>	<u>100</u>
30/480	2 BA x 1/2"	£2.34	£18.70	30/485	5 BA x 5/8"	£1.88	£15.00
30/481	2 BA x 1"	£2.75	£22.00	30/486	5 BA x 1"	£2.00	£16.00
30/482	4 BA x 3/8"	£1.58	£12.60	30/487	6 BA x 1/2"	£2.00	£16.00
30/483	4 BA x 5/8"	£1.68	£13.40	30/488	7 BA x 1/2"	£2.25	£18.00
30/491	5 BA x 1/4"	£1.75	£14.00	30/489	8 BA x 3/8"	£2.20	£16.50
30/484	5 BA x 1/2"	£1.88	£15.00	30/490	10 BA x 1/2"	£2.25	£18.00
30/496	1/4" BSF x 1"	£7.50	£67.50	30/497	1/4 BSF x 1 1/4"	£8.00	£72.00

**Round head** - Brass.

<u>Code</u>		<u>10</u>	<u>100</u>	<u>Code</u>		<u>10</u>	<u>100</u>
30/284	5 BA x 1/2"	£2.15	£17.20	30/289	8 BA x 3/8"	£2.20	£17.70
30/287	6 BA x 1/2"	£2.15	£17.20	30/290	10 BA x 1/2"	£2.30	£18.80

Add 1 to the end of the code for qty. of 100

EG – 30/2841

**Rivets Snaps** Price each. **Hardened and tempered tool steel.**

<u>Code</u>		<u>Code</u>		<u>Code</u>	
30/550	1/16" £8.00	30/553	5/32" £9.10	30/556	5/16" £22.40
30/551	3/32" £8.00	30/554	3/16" £11.90	30/557	3/8" £22.40
30/552	1/8" £9.10	30/555	1/4" £12.20		

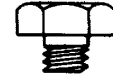
**Pop Rivets****Aluminium** Price per 25

<u>Code</u>		<u>Code</u>		<u>Code</u>	
30/700	1/8" x 0.23 £1.00	30/704	5/32" x 0.27 £1.10	30/708	5/32" x 0.41 £1.15
30/701	1/8" x 0.29 £1.05	30/705	5/32" x 0.31 £1.10	30/709	3/16" x 0.31 £1.20
30/702	1/8" x 0.31 £1.05	30/706	5/32" x 0.34 £1.10	30/710	3/16" x 0.43 £1.25
30/703	1/8" x 0.52 £1.20	30/707	5/32" x 0.35 £1.10		

**Steel** Price per 25

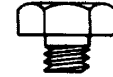
<u>Code</u>		<u>Code</u>		<u>Code</u>	
30/741	1/8" x 0.24 £1..35	30/743	5/32" x 0.27 £1.90	30/745	3/16" x 0.62 £2.85
30/742	1/8" x 0.43 £1..35	30/744	5/32" x 0.41 £2.00		

## Steel Screws B.A.



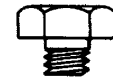
### Hexagon Headed Set Screws (Turned) Small head 1 size smaller

Code		<u>10</u>	<u>100</u>	Code	<u>10</u>	<u>100</u>	
40/005	2BA x 1/2"	£1.97	£15.31	40/025	7BA x 3/8"	£1.87	£14.53
40/006	2BA x 1"	£2.19	£17.06	40/026	7BA x 1/2"	£1.88	£14.61
40/012	4BA x 1"	£2.07	£16.10	40/027	7BA x 3/4"	£2.01	£15.70
40/016	5BA x 3/8"	£1.76	£13.65	40/030	8BA x 1/4"	£1.88	£14.61
40/017	5BA x 1/2"	£1.97	£15.31	40/031	8BA x 3/8"	£1.95	£15.14
40/020	6BA x 3/8"	£2.00	£15.49	40/032	8BA x 1/2"	£1.99	£15.49
40/021	6BA x 1/2"	£2.16	£16.10	40/033	8BA x 3/4"	£2.15	£16.63
40/022	6BA x 3/4	£2.20	£16.89				
40/023	6BA x 1"	£2.27	£17.68				



### Hexagon Headed Set Screws (Turned) Standard size head

Code		<u>10</u>	<u>100</u>	Code	<u>10</u>	<u>100</u>	
40/069	2BA x 1/2"	£2.14	£16.63	40/092	7BA x 1/2"	£2.07	£16.10
40/070	2BA x 3/4"	£2.50	£20.00	40/042	8BA x 1/8"	£1.83	WSL
40/071	2BA x 1"	£2.28	£17.59	40/043	8BA x 1/4"	£1.83	£14.26
40/080	4BA x 1/2"	£2.25	£18.00				
40/081	4BA x 3/4"	£2.10	£16.10	40/045	8BA x 1/2"	£2.13	£17.00
40/082	4BA x 1"	£2.19	£17.06	40/054	8BA x 3/4"	£2.25	£18.00
40/084	4BA x 1 1/2"	£2.71	£21.09	40/055	8BA x 1"	£2.38	£19.00
40/085	5BA x 1/2"	£2.00	£15.31	40/046	10BA x 1/4"	£2.45	£19.60
40/040	5BA x 3/4"	£2.19	£15.40	40/047	10BA x 3/8"	£1.94	£15.05
40/052	5BA x 1"	£2.28	£15.93	40/048	10BA x 1/2"	£2.00	£15.49
40/091	5BA x 1 1/4"	£2.35	£17.59	40/056	10BA x 3/4"	£2.23	£17.33
40/089	6BA x 1/2"	£2.25	£18.00	40/049	12BA x 1/4"	£2.07	£16.10
40/090	6BA x 3/4"	£2.50	£20.00	40/050	12BA x 3/8"	£2.12	£16.45
40/053	6BA x 1"	£2.75	£22.00	40/051	12BA x 1/2"	£2.20	£17.06
40/041	6BA x 1 1/2"	£2.94	£22.84				



### Hexagon Headed (Forged) Standard size head While stocks last

Code		<u>10</u>	<u>100</u>	Code	<u>10</u>	<u>100</u>	
40/066	0BA x 1 1/2"	£3.00	£23.30	40/064	4BA x 1	£1.83	£14.26
40/068	1BA x 1 1/2"	£3.00	£23.30				
40/061	2BA x 1/2"	£1.83	£14.26	40/065	5BA x 1/4	£1.67	£12.95
40/062	2BA x 5/8	£1.83	£14.26	40/067	6BA x 7/16	£1.67	£12.95
40/063	2BA x 3/4 (H.T)	£2.00	£15.40	40/074	6BA x 3/4	£1.83	£14.26
40/073	2BA x 1 3/8 (H.T)	£2.26	£17.60	40/077	6BA x 1 (**)	£1.83	£14.26
40/076	3BA x 1/2"	£1.83	£14.26	40/079	6BA x 1 3/8"	£2.26	£17.60

H.T. = High tensile

\*\* = plated

### Screwed BA Rod (Steel)

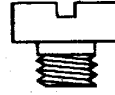
#### Per 300mm length

40/705	2 BA	£3.90	40/720	5 BA	£5.75	40/735	8 BA	£7.60
40/710	3 BA	£4.20	40/725	6 BA	£5.75			
40/715	4 BA	£4.68	40/730	7 BA	£6.25			

### Studs Qty 10

Code			Code		
40/750	2 BA x 7/8"	£4.50	40/751	2 BA x 1"	£4.50

## Steel Screws cont'd



### Cheese Head

<u>Code</u>		<u>10</u>	<u>50</u>	<u>100</u>	<u>Code</u>		<u>10</u>	<u>50</u>	<u>100</u>
40/102	1 BA x 5/16	£1.91	£8.50	£14.88	40/164	6 BA x 7/8"	£1.80	£8.00	£14.00
40/103	1BA x 1/2	£2.03	£9.00	£15.75	40/162	6 BA x 1"	£1.90	£8.45	£14.80
40/121	2 BA x 1"	£2.03	£9.00	£15.75	40/163	6 BA x 1 3/8"	£2.03	£9.00	£15.75
40/124	2 BA x 1 1/2"*	£2.81	£12.50	£21.88	40/166	6 BA x 1 1/2"*	£2.14	£9.50	£16.63
40/130	3 BA x 1/4"	£1.76	£7.80	£13.65	40/165	7 BA x 1/2"	£1.76	£7.80	£13.65
40/131	3 BA x 1 1/2"	£2.93	£13.00	£22.75	40/170	8 BA x 3/32	£1.46	£6.50	£11.38
40/140	4 BA x 3/8"	£1.54	£6.85	£11.99	40/171	8 BA x 1/8	£1.46	£6.50	£11.38
40/141	4 BA x 1/2"	£1.59	£7.05	£12.34	40/172	8 BA x 1/4	£1.56	£6.95	£12.16
40/144	4 BA x 5/8"	£1.71	£7.60	£13.30	40/175	8 BA x 1/2"	£1.71	£7.60	£13.30
40/142	4 BA x 1 3/4"	£2.70	£12.00	£21.00	40/176	8 BA x 5/8*	£1.80	£8.00	£14.00
40/143	4 BA x 2"	£2.93	£13.00	£22.75	40/177	8 BA x 7/8"	£2.03	£9.00	£15.75
40/150	5 BA x 1/2"	£1.71	£7.60	£13.30	40/179	9 BA x 3/8"	£1.73	£7.70	£13.48
40/151	5 BA x 3/4"	£1.83	£8.15	£14.26	40/186	10 BA x 1/8"	£1.58	£7.00	£12.25
40/152	5 BA x 1 1/4"	£1.91	£8.50	£14.88	40/180	10 BA x 1/4"	£1.63	£7.25	£12.69
40/156	6 BA x 3/16	£1.44	£6.40	£11.20	40/181	10 BA x 1/2"	£1.71	£7.60	£13.30
40/158	6 BA x 9/32	£1.44	£6.40	£11.20	40/182	10 BA x 5/8"	£1.86	£8.25	£14.44
40/159	6 BA x 15/32	£1.71	£7.60	£13.30	40/183	10 BA x 3/4	£2.07	£9.20	£16.10
40/160	6 BA x 1/2"	£1.71	£7.60	£13.30	40/184	10 BA x 7/8	£2.43	£10.80	£18.90
40/161	6 BA x 3/4"	£1.76	£7.80	£13.65					

\* Plated



### Round Head

<u>Code</u>		<u>10</u>	<u>50</u>	<u>100</u>	<u>Code</u>		<u>10</u>	<u>50</u>	<u>100</u>
40/210					40/235	6 BA x 1/2"	£1.63	£7.25	£12.69
40/212	2 BA x 5/8"	£1.81	£7.04	£10.06	40/236	6 BA x 3/4"	£1.71	£7.60	£13.30
40/213	2 BA x 1"	£1.94	£8.60	£15.05	40/237	6 BA x 1"	£1.94	£8.60	£15.05
40/216	3 BA x 3/4"	£1.91	£8.60	£15.05	40/245	8 BA x 3/32"*	£1.58	£7.00	£12.25
40/220	4 BA x 1/2"	£1.71	£7.60	£13.30	40/247	8 BA x 1/4"	£2.04	£9.17	£16.30
40/225	5 BA x 1/2"	£1.71	£7.60	£13.30	40/248	8 BA x 3/8"*	£1.67	£7.60	£12.95
40/226	5 BA x 3/4"	£1.80	£8.00	£14.00	40/249	8 BA x 1/2"	£1.71	£7.60	£13.30
40/227	5 BA x 7/8"	£1.94	wsl		40/244	8 BA x 1/2*	£1.71	£4.40	£13.30
40/229	5 BA x 1 1/2"	£2.14	£9.50	£16.63	40/250	8 BA x 3/4"	£1.96	£8.70	£15.23
					40/255	10 BA x 1/4"	£1.63	£7.25	£12.69
					40/256	10 BA x 1/2"	£1.73	£7.70	£13.48

\* Plated

### Socket Head Cap

#### Price each

40/421	2BA x 5/8"	£0.28	WSL	3 BA x 7/8	£0.40	40/445	6BA x 1/4"	£0.26	
40/422	2BA x 3/4"	£0.30		40/430	4BA x 1/4"	£0.22	40/446	6BA x 1/2"	£0.35
40/423	2BA x 1"	£0.32		40/431	4BA x 7/16"	£0.25			
40/427	2BA x 1 1/4"	£0.40		40/433	4BA x 1/2"	£0.30			
40/425	2BA x 2"	£0.51		40/432	4BA x 5/8"	£0.30			
40/426	2BA x 2 1/2"	£0.60		40/434	4BA x 1"	£0.40			

### Shoulder Socket Head Cap.

#### Price each

40/461	2BA x 3/4"	£0.35	40/463	2BA x 1"	£0.45	40/465	2BA x 2"	£0.60
	1/4" dia x 3/4" plain, 3/8" thread.			1/4" dia x 1" plain, 3/8" thread.			1/4" x 2" plain, 3/8" thread.	

## Steel Screws cont'd



### Countersink

<u>Code</u>		<u>10</u>	<u>50</u>	<u>100</u>	<u>Code</u>		<u>10</u>	<u>50</u>	<u>100</u>
40/310	2 BA x 3/8"	£1.63	£7.61	£14.14	40/341	6 BA x 1/2"	£1.71	£7.98	£14.82
40/311	2 BA x 1/2"	£1.73	£8.09	£15.02	40/342	6 BA x 3/4"	£1.83	£8.56	£15.89
40/312	2 BA x 5/8	£1.80	£8.40	£15.60	40/343	6 BA x 1"	£1.88	£8.77	£16.28
40/313	2 BA x 1"	£1.88	£8.77	£16.28	40/350	7 BA x 5/8"	£1.96	£9.14	£16.97
	3 BA x 1/2	£1.78	Approx 20 left		40/356	8 BA x 1/4"*	£1.51	£7.04	£13.07 wsl
40/321	3 BA x 1"	£1.83	£8.56	£15.89	40/359	8 BA x 1/2"	£1.76	£8.19	£15.21
40/325	4 BA x 1/2"	£1.88	£8.44	£15.00	40/358	8 BA x 5/8"*	£1.83	£8.56	£15.89
40/326	4 BA x 1"	£1.90	£8.87	£16.48	40/361	8 BA x 1"	£2.10	£9.71	£18.04
40/327	4 BA x 1 5/8"	£2.25	£10.29	£19.11	40/368	9 BA x 3/8	£1.73	£8.09	£15.02
40/330	5 BA x 3/8"	£1.53	£7.14	£13.26	40/370	9 BA x 7/16"	£1.76	£8.19	£15.21
40/331	5 BA x 1/2"	£1.71	£7.98	£14.82	40/371	9 BA x 1/2	£1.78	£8.30	£15.41
40/334	5 BA x 5/8	£1.80	£8.90	£15.60	40/374	10 BA x 3/16	£1.58	£7.35	£13.65
40/332	5 BA x 1"	£1.88	£8.77	£16.28	40/375	10 BA x 1/4"	£1.61	£7.51	£13.94
40/340	6 BA x 3/8"	£1.59	£7.40	£13.75	40/376	10 BA x 1/2"	£3.13	£9.56	£17.00
	* Plated				40/378	12 BA x 1/4	£2.00	£9.35	£17.36

### Socket Head Countersink

#### Price Each

40/520	2 BA x 1/4"	£0.35	40/525	3 BA x 3/4"	£0.45	40/540	6 BA x 1/4"	£0.35
40/523	2 BA x 3/8"	£0.35	40/530	4 BA x 1/4"	£0.35	40/541	6 BA x 3/8"	£0.45
40/521	2 BA x 1/2"	£0.40	40/531	4 BA x 3/8"	£0.35	40/542	6 BA x 1/2"	£0.55
40/522	2 BA x 3/4"	£0.40	40/532	4 BA x 1/2"	£0.40	40/543	6 BA x 5/8"	£0.60
40/524	2 BA x 1 1/4"	£0.55	40/535	5 BA x 1/2"	£0.45			
40/526	2 BA x 1 1/2"	£0.65						

### Socket Head Grub

#### Price Each

40/622	3 BA x 1/2"	£0.60	40/640	6 BA x 3/16"	£0.30	40/650	8 BA x 1/8"	£1.15
40/630	4 BA x 3/16"	£0.30	40/641	6 BA x 1/4"	£0.30	40/651	8 BA x 3/16"	£0.79
40/633	4 BA x 3/8"	£0.30	40/642	6 BA x 3/8"	£0.30	40/652	8 BA x 1/4"	£0.79
40/634	4 BA x 1/2"	£0.35	40/643	6 BA x 1/2"	£0.35	40/653	8 BA x 3/8"	£0.79
40/635	4 BA x 5/8"	£0.46	40/645	6 BA x 3/4"	£0.60			

### Hexagon Full Nuts (Steel)

<u>Code</u>		<u>10</u>	<u>100</u>	<u>Code</u>		<u>10</u>	<u>100</u>
40/805	0BA	£1.50	£13.00	40/819	7BA	£1.75	£15.17
40/809	2BA	£1.50	£13.00	40/821	8BA	£1.75	£15.17
40/812	3BA	£1.50	£13.00	40/823			
40/813	4BA	£1.50	£13.00	40/825	10BA	£2.00	£17.36
40/815	5BA	£1.50	£13.00	40/827	12BA	£2.00	£17.36
40/817	6BA	£1.50	£13.00	40/829	14BA	£2.25	£19.50

### Hexagon Full Nuts – Small hex.

2BA	£2.00	£17.36	5BA	£2.00	£17.36
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Add 1 to the end of the code for qty. of 100

eg. 40/8171

## Stainless BA Screws

### Cheese Head Price Each

<u>Code</u>			<u>Code</u>			<u>Code</u>		
41/120	4BA x 1/4"	£0.50	41/130	8BA x 3/16"	£0.50	41/145	10BA x 1/4"	£0.56
41/121	4BA x 1/2"	£0.50	41/135	8BA x 3/4"	£0.63			
41/122	4BA x 1"	£0.53						



### Round Head Price Each (WSL).

<u>Code</u>		
41/210	2BA x 1/2"	£0.50



### Countersink Price each

<u>Code</u>			<u>Code</u>			<u>Code</u>		
41/310	2BA x 1"	£0.63	41/318	4BA x 3/4"	£0.56	41/341	8BA x 3/4"	£0.58
41/315	4BA x 1/4"	£0.50	41/319	4BA x 1"	£0.60		10BA x 1/4"	£0.50
41/316	4BA x 1/2"	£0.53	41/325	5BA x 1/4"	£0.50		10BA x 1/2"	£0.53
41/317	4BA x 5/8" wsl	£0.53	41/330	6BA x 3/8" wsl	£0.50		10BA x 3/4"	£0.60



### Hexagon Full Nuts (Stainless) Price per 10

<u>Code</u>			<u>Code</u>			<u>Code</u>		
41/815	2BA	£2.50	41/825	4BA	£2.50	41/835	6BA	£2.60

### Bronze BA Screws All while stocks last.

#### Hexagon head Set Screws

<u>Code</u>		<u>Each</u>	<u>Pr 10</u>	<u>Code</u>		<u>Each</u>
43/006	2BA x 1"	£2.00	£17.40		2BA full nut	£0.50
(45 off in stock, Aug. 2024)				(10 in stock, Aug. 2024)		

## Brass Screws

### Cheese Head



Code		<u>10</u>	<u>100</u>	Code		<u>10</u>	<u>100</u>
42/111	2BA x 5/8"	£2.59	£22.43	42/131	7BA x 3/4"	£1.98	£17.16
42/114	2BA x 1 1/8	£3.04	£26.33	42/136	8BA x 1/4"	£1.69	£14.63
42/116	4BA x 1/2"	£1.94	£16.77	42/137	8 BA x 3/8	£1.76	£15.21
42/120	5BA x 1/2"	£1.94	£16.77	42/140	8BA x 1/2"	£1.86	£16.09
42/122	5BA x 5/8	£2.16	£18.72	42/150	10BA x 3/8"	£1.76	£15.21
42/121	5BA x 3/4"	£2.30	£19.89	42/151	10BA x 3/4"	£2.08	£18.04
42/126	6BA x 1/2"	£1.81	£15.70	42/152	10BA x 1"	£2.43	£21.06
42/128	6BA x 9/16	£1.81	£15.70	42/154	12BA x 3/8"	£2.50	£18.62

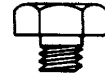
### Round Head



Code		<u>10</u>	<u>100</u>	Code		<u>10</u>	<u>100</u>
42/205	1BA x 3/8"	£2.43		42/233	6BA x 1 1/4"	£2.25	£19.50
42/210	2BA x 5/16"	£2.43	£21.06	42/238	7BA x 1/2"	£1.76	£15.21
42/220	4BA x 3/8"	£1.89	£16.38	42/240	8BA x 1/4"	£1.69	£14.63
42/222	4BA x 1"	£2.25	£19.50	42/241	8BA x 1/2"	£1.86	£16.09
42/225	5BA x 5/8"	£2.12	£18.33	42/242	8BA x 3/4"	£1.98	£17.16
42/230	6BA x 1/4"	£1.56	£13.55	42/250	10BA x 1/4"	£1.76	£15.21
42/231	6BA x 1/2"	£1.73	£15.02	42/251	10 BA x 1/2	£1.86	£16.09
42/232	6BA x 3/4"	£2.00	WSL	42/260	12BA x 1/2"	£2.50	£20.00

\* Plated

### Hexagon Head (Standard size head)



Price per 10 unless stated

42/014	2BA x 1"	£3.29		42/025	6BA x 3/8"	£2.59	
42/015	3BA x 2"	£4.00		42/027	6BA x 1/2	£2.70	
42/016	4BA x 3/8"	£2.59		42/028	8BA x 1/4"	£2.60	
42/020	5BA x 1/2"	£2.70		42/026	8BA x 1/2	£2.70	

### Countersink



Code		<u>10</u>	<u>100</u>	Code		<u>10</u>	<u>100</u>
42/310	0 BA x 1 1/2	£1.00 each	wsl	42/340	7BA x 1/4"	£1.67	£14.43
42/315	2BA x 3/8"	£2.25	£19.50	42/342	7BA x 5/8	£1.80	£15.60
42/316	2BA x 5/8"	£2.70	£23.40	42/347	8BA x 1/4"	£1.90	£15.20
42/317	2BA x 1"	£3.04	£26.33	42/348	8BA x 1/2"	£2.00	£17.36
42/325	4BA x 3/8"	£1.90	£16.38	42/349	8BA x 1"	£2.40	£20.77
42/326	4BA x 1/2"	£2.15	£17.20	42/353	9BA x 1"	£2.50	
42/330	5BA x 1/2"	£2.25	£18.00	42/357	10BA x 1/4"	£2.10	£18.40
42/335	6BA x 1/4"	£	£	42/359	10BA x 1/2"	£2.40	£20.70
42/336	6BA x 1/2"	£1.71	£14.82	42/361	10BA x 3/4"	£2.55	£22.13
42/337	6BA x 3/4"	£1.90	£16.48	42/365	12BA x 3/8"	£2.50	£21.65
42/339	6BA x 1 1/2"	£3.04	£26.33	42/370	14BA x 1/4"	£3.04	£26.33

\* Plated

Add 1 to the end of the code for qty. of 100  
eg. 42/1311

## **Brass Screws cont'd**

### **Screwed BA Rod** Per 300mm length

<u>Code</u>			<u>Code</u>			<u>Code</u>		
42/715	2BA	£4.00	42/730	5BA	£4.75	42/740	7BA	£7.50
42/720	3BA	£4.50	42/735	6BA	£5.35	42/745	8BA	£9.25
42/725	4BA	£4.50						

### **Full Nuts**

<u>Code</u>		<u>10</u>	<u>100</u>	<u>Code</u>		<u>10</u>	<u>100</u>
42/812	1BA	£1.13	£9.00	42/826	8BA	£1.25	£10.00
42/814	2BA	£1.13	£9.00	42/828	9BA	£1.25	£10.00
42/816	3BA	£1.13	£9.00	42/830	10BA	£1.32	£10.20
42/818	4BA	£1.13	£9.00	42/832	12BA	£1.32	£10.20
42/820	5BA	£1.13	£9.00	42/834	14BA	£1.50	£12.20
42/822	6BA	£1.13	£9.00				

### **Half Nuts**

<u>Code</u>		<u>10</u>	<u>100</u>	<u>Code</u>		<u>10</u>	<u>100</u>
42/850	2BA	£1.10	£9.30	42/858	6BA	£1.15	£9.80
42/854	4BA	£1.10	£9.30	42/862	8BA	£1.15	£9.80
42/856	5BA	£1.15	WSL				

Add 1 to the end of the code for qty. of 100

eg. 42/3351

## **Metric**

<u>Code</u>					
A263	M10 x 20 button head cap screws (steel)	£1.00 each			
A220	M6 x 20mm hex head bolts (brass)	£2.50 Pr. 10			
	M4 x 6mm socket grub screws (steel)	£0.50 Pr. 10	£2.60	Pr. 100	
	M6 x 10mm socket countersunk (steel)	£1.15 Pr. 10	£9.10	Pr. 100	
	M6 x 6mm socket grub screws (steel)	£0.87 Pr. 10	£6.62	Pr. 100	
	M4 nuts	£0.50 Pr. 10	£2.60	Pr. 100	
	M6 nuts	£0.60 Pr. 10	£4.95	Pr. 100	

Selection of metric nuts and bolts available – please ring for details

## **Steel Fasteners BSF.**

### **Hexagon Headed**

<u>Code</u>		<u>10</u>	<u>100</u>	<u>Code</u>		<u>10</u>	
40/095	1/4" x 1/2"	£3.85	£30.80	40/099	1/4" x 2"	£13.12	£105.00
40/096	1/4" x 3/4"	£7.44	£59.52		5/16" x 1 5/8"	£7.65	wsl
40/097	1/4" x 1"	£8.35	£66.82		3/8" x 1 3/4"	£9.30	wsl
	1/4" x 1 1/4"	£8.40	£67.20		3/8" x 4"	£12.20	wsl
40/098	1/4" x 1 1/2"	£8.85	£70.80				

### **Socket cap head**

<u>Code</u>		<u>10</u>	<u>100</u>	<u>Code</u>		<u>10</u>	
	1/4" x 1"	£3.85	£22.72		5/16" x 1"	£5.40	wsl
	1/4" x 1 1/2"	£4.50	£38.25		1/2" x 3 1/2"	£8.64	wsl
	5/16" x 1/2"	£4.80					

### **Studs** Qty 10

<u>Code</u>			<u>Code</u>		
40/760	1/4" x 1"	£5.50	40/765	5/16" x 1 3/8"	£6.13
40/761	1/4" x 1 1/4"	£5.63			

### **Nuts**

<u>Code</u>		<u>10</u>	<u>100</u>	<u>Code</u>		<u>10</u>	<u>100</u>
	3/16" wsl	£0.83	£6.42	40/853	5/16"	£2.20	£15.95
40/850	1/4"	£1.83	£12.41	40/855	3/8"	£3.03	£17.69
40/851	1/4" Lock nuts	£1.83	£12.41				
40/852	1/4 BSF Bright nickel plate dome nuts	£6.48	£51.84				

### **Grubscrews** Qty 10

40/660	1/4" x 1/4"	£3.00	40/661	1/4" x 3/8"	£3.50
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### **Button head cap screws** Price each

A264	1/4" x 3/4"	£0.95
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## **Balls.**

### **Stainless steel balls. (316 stainless)**

<u>Code</u>	<u>Size</u>	<u>Qty</u>	<u>Price</u>	<u>Code</u>	<u>Size</u>	<u>Qty</u>	<u>Price</u>
45/502	3/32" dia	4	£1.00	45/509	5/16" dia	3	£1.68
45/503	1/8" dia.	4	£1.00	45/511	3/8" dia	3	£2.13
45/504	5/32" dia	4	£1.00	45/512	7/16" dia	2	£3.20
45/505	3/16" dia	4	£1.14	45/513	1/2" dia	2	£3.50
45/506	7/32" dia	4	£1.33	45/514	9/16" dia	1	£2.56
45/507	1/4" dia	4	£1.24	45/515	5/8" dia	1	£3.96
45/508	9/32" dia	4	£1.44 WSL	45/516	3/4" dia	1	£4.75
				45/517	7/8" dia	1	£4.92

### **Bronze (PB102) balls**

<u>Code</u>	<u>Size</u>	<u>Qty</u>	<u>Price</u>	<u>Code</u>	<u>Size</u>	<u>Qty</u>	<u>Price</u>
45/520	1/8" dia	4	£2.90	45/526	3/8" dia	2	£5.10
45/521	5/32" dia	4	£3.40	45/527	7/16" dia	2	£5.90
45/522	3/16" dia	4	£4.80	45/528	1/2" dia	1	£3.15
45/524	1/4" dia	2	£2.50	45/529			
45/525	5/16" dia	2	£3.96	45/530	5/8" dia	1	£6.00

<b><u>Washers.</u></b>		<b><u>Plain</u></b> Packets of 100 for steel. For other materials, packets of 20.					
<u>Brass</u>	(20)	<u>Steel</u>	(100)	<u>Fibre</u>	(20)	<u>Copper</u>	(20)
42/900	0BA £1.00	40/900	£1.20	£1.00		44/900	£3.80
42/901	1BA						
42/902	2BA £1.00	40/902	£2.30	£1.00		44/902	£3.40
42/903	3BA £1.00						
42/904	4BA £1.00	40/904	£2.10				
42/905	5BA £1.00	40/905	£1.92			44/905	£2.85
42/906	6BA £1.00	40/906	£1.92				
42/907	7BA £1.00						
42/908	8BA £1.00	40/908	£5.30	£1.00			
42/909	9BA £2.00						
42/910	10BA £2.50	40/910	£5.30				
42/912	12BA £2.75						
42/920	1/8" £1.00	40/920	£2.30			44/920	£2.85
42/921	5/32"					44/921	£3.00
42/922	3/16" £1.00	40/922	£2.30	£1.00		44/922	£3.40
42/923	1/4" £1.20	40/923	£3.33	£1.00		44/923	£3.80
42/924	5/16" £1.70	40/924	£4.34	£1.05		44/924	£4.10
42/925	3/8" £2.10	40/925	£4.44	£1.05		44/925	£4.23
42/926	7/16" £2.20						
42/927	1/2" £3.20			£1.25		44/927	£7.20
42/928	5/8"			£1.65			
42/929	3/4" £4.10	40/929	£4.50				

### **Copper washers.**

#### **'Z' section Crushable.** All crushable washers while stocks last.

<u>Code</u>	<u>Size</u>	<u>Qty</u>		<u>Code</u>	<u>Size</u>	<u>Qty</u>	
44/020	5/8" BSP	5	£3.50	44/021	3/4" BSP.	2	£2.50
				44/022	1" BSP	2	£3.10

### **Copper Shim Washers** (5 off each thickness 5 thou, 10 thou, 15 thou and 20 thou).

<u>Code</u>	<u>Size</u>		<u>Code</u>	<u>Size</u>	
44/030	1/8" ID	£3.75	44/035	5/16" ID	£
44/031	5/32" ID	£	44/036	3/8" ID	£
44/032	3/16" ID	£	44/037	7/16" ID	£5.50 WSL
44/034	1/4" ID	£	44/038	1/2" ID	£6.00

### **BSP Copper sealing washers – 1.5mm thick** Quantity – 10 pr packet

44/040	1/8 BSP	£2.33	44/042	3/8 BSP	£3.33
44/041	1/4 BSP	£3.08	44/043	1/2 BSP	£4.21

**NOTE** Please see page 28 regarding BSP sizes.

## Taps and Dies

B. A. (British Association) taps, dies and tapping drills. All price each.						
B.A. size	Nom. dia. Inch Approx T. P. I.	Tapping drill	Carbon Steel		H. S. S.	
			Tap	Die	Tap	Die
0 B. A.	0.236" -- 25.4 tpi.	5.10mm	£2.38	£5.53		
1 B. A.	0.208" -- 28.2 tpi.	4.50mm	£2.38	£5.53		
2 B. A.	0.185" -- 31.4 tpi.	4.00mm	£2.30	£5.53	£6.15	£16.20
3 B. A.	0.161" -- 34.8 tpi.	3.40mm	£2.30	£5.53	£11.00	£34.67
4 B. A.	0.141" -- 38.5 tpi.	3.00mm	£2.30	£5.53	£6.15	£18.00
5 B. A.	0.126" -- 43.0 tpi.	2.65mm	£2.30	£5.53	£6.80	£18.00
6 B. A.	0.110" -- 47.9 tpi.	2.30mm	£2.33	£5.53	£6.42	£18.00
7 B. A.	0.098" -- 52.9 tpi.	2.05mm	£2.83	£10.20		
8 B. A.	0.086" -- 59.1 tpi.	1.80mm	£2.77	£9.39	£9.22	£35.00
9 B. A.	0.074" -- 65.1 tpi.	1.55mm	£4.61	£11.45		
10 B. A.	0.066" -- 72.6 tpi.	1.40mm	£4.61	£11.81		
11 B. A. (WSL)	0.059" -- 81.9 tpi.	1.20mm	£10.62	£14.05		
12 B. A plug only	0.051" -- 90.9 tpi.	1.05mm	£11.18		£20.00	£31.00
14 B. A. (WSL)	0.039" -- 109.9 tpi	0.80mm				

Metric taps, dies and tapping drills. All price each. Carbon steel WSL.						
Size, mm.	Pitch, mm.	Tapping drill,	Carbon steel.		H.S.S.	
			Tap	Die	Tap	Die
2.00 mm	0.40 mm	1.60 mm	£2.88	£6.85	£11.90	£30.60
2.50 mm	0.45 mm	2.05 mm	£2.88	£7.02	£9.06	£29.35
3.00 mm	0.50 mm	2.50 mm	£2.88	£5.53	£6.63	£17.20
3.50 mm	0.60 mm	2.90 mm	£2.88	£5.44	£6.75	£21.40
4.00 mm	0.70 mm	3.30 mm	£2.88	£5.25	£5.99	£17.07
5.00 mm	0.80 mm	4.20 mm	£2.75	£5.25	£3.68	£10.36
6.00 mm	1.00 mm	5.00 mm	£2.75	£5.25	£3.68	£10.36
8.00 mm	1.00 mm **	7.00 mm	£2.80	£6.85		
8.00 mm	1.25 mm	6.80 mm	£2.80	£6.32	£6.15	£12.22
10.00 mm	1.50 mm	8.50 mm	£3.20	£6.53	£7.86	£15.30
12.00 mm	1.75 mm	10.20 mm	£7.39	£7.39	£12.25	£12.30
16.00 mm	2.00 mm	14.00 mm			£18.25	£13.80
20.00 mm	2.50 mm	17.50 mm	£8.08		£28.55	
14.00mm WSL	1.00 mm	13.00 mm			£14.14	£23.50

NOTE - \*\* denotes non standard size.

British Standard Pipe Thread. Parallel - B.S.P. Taper – B.S.P.T. All price each.							
Size	T.P.I.	OD of thread	Tapping drill	Carbon steel		H. S. S.	
				Tap	Die	Tap	Die
1/8" BSP	28 tpi.	0.383"	8.80mm	£4.17	£7.58	£9.36	£12.50
1/4" BSP	19 tpi.	0.518"	11.80mm	£8.00	£10.89	£13.55	£30.50
3/8" BSP	19 tpi.	0.656"	15.25mm	£8.75	£14.63	£22.00	£36.50
1/2" BSP	14 tpi.	0.825"	19.00mm	£9.25	£14.84	£27.09	£32.95
3/4" BSP	14 tpi.	1.041"	24.50mm		£19.89	£43.00	£72.00
1/8" BSPT	28 tpi	0.383"	8.4 mm ***	£8.20	£10.00	£14.44	£38.25
1/4" BSPT	19 tpi	0.518"	11.2mm ***	£11.22	£13.50	£15.90	£54.80
3/8" BSPT	19 tpi	0.656"	14.75mm ***	£15.40	£14.50	£22.56	£68.00
1/2" BSPT	14 tpi	0.825"	18.25mm ***	£20.22	£24.75	£32.62	£83.04

\*\*\* tapping drill for BSPT without using taper reamer.

## Taps and Dies continued.

26 TPI taps, dies and tapping drills. All price each.					
Size	Tapping drill,	Carbon Steel		H.S.S.	
		Tap	Die	Tap	Die
1/4 dia.	5.6mm	£ 3.05	£ 6.05	£ 6.88	£ 13.70
5/16 dia.	7.1mm	£ 4.44	£ 8.47		
3/8 dia.	8.7mm	£ 4.44	£ 8.47		
7/16 dia.	10.3mm	£ 5.54	£ 8.47		
1/2 dia.	11.8mm	£ 6.25	£ 8.47		
9/16 dia	13.0mm	£ 7.71	£ 13.31		£30.00
5/8 dia	15.0mm	£ 8.47	£ 18.90		
3/4 dia.	18.1mm	£ 11.88	£ 19.89	£ 30.35	£ 40.50

32 TPI taps, dies and tapping drills. All price each					
Size	Tapping drill,	Carbon steel		H.S.S	
		Tap	Die	Tap	Die
5/32 dia		£ 3.72	£ 6.78		
3/16 dia		£ 3.72	£ 6.25		
1/4 dia	5.6mm	£ 4.44	£ 7.63		
9/32 dia	6.4mm	£ 4.44	£ 7.63		
5/16 dia	7.2mm	£ 4.44	£ 7.99		£ 25.15
3/8 dia	8.8mm	£ 4.68	£ 7.99	£ 18.00	£ 25.15
7/16 dia	10.4mm	£ 5.89	£ 11.81		
1/2 dia	12.0mm	£ 7.20	£ 11.81	£ 19.48	£ 25.15

40 TPI taps, dies and tapping drills. All price each.					
Size	Tapping drill,	Carbon Steel		H.S.S.	
		Tap	Die	Tap	Die
1/8 dia.	2.6mm	£ 2.92	£ 6.17	£ 9.90	
5/32 dia.	3.4mm	£ 2.92	£ 6.17	£ 19.26	
3/16 dia.	4.2mm	£ 2.92	£ 6.17		£ 39.60
7/32 dia.	5.0mm	£ 2.92	£ 6.17		£ 39.60
1/4 dia.	5.7mm	£ 2.92	£ 6.17		
9/32 dia.	6.5mm	£3.00	£6.50		
5/16 dia.	7.3mm	£ 4.28	£ 9.54	£ 16.59	£ 25.15
3/8 dia	8.9mm	£ 5.53	£ 10.05		
7/16 dia		£ 5.25	£ 10.76		
1/2 dia.		£ 6.15	£ 10.76		

BSF, BSW taps, dies and tapping drills. All price each.						
Size	Pitch	Tapping drill,	Carbon steel		H.S.S	
			Tap	Die	Tap	Die
1/4 BSF	26 TPI	5.5mm	£ 3.05	£ 6.06	£ 6.88	£ 14.27
5/16 BSF	22 TPI	6.9mm	£ 3.05	£ 6.53		
3/8 BSF	20 TPI	8.4mm	£ 3.21	£ 7.50		
1/4 BSW	20 TPI	5.3mm	£ 3.05	£ 6.48		
5/16 BSW	18 TPI	6.7mm	£ 3.05	£ 6.64	£ 6.42	£ 17.70
3/8 BSW	16 TPI	8.2mm	£ 3.32	£ 7.60	£ 8.05	£ 17.70
5/8 UNC	11 TPI	13.5mm			£11.53	

**Other sizes available, please contact us. BSF, BSW, UNF,UNC.**

## **Milling cutters.**

<b>H.S.S. Slot drills and End mills. Screwed shank</b>								
Dia of cutter. mm.	Shank size mm.	Slot drill. Price each.	End mill. Price each.		Dia of cutter. Inch.	Shank size Inch.	Slot drill. Price each.	End mill. Price each.
1.5mm	6 mm	£8.00			1/16"	1/4"	£15.20	
2 mm	6 mm	£5.44			3/32"	1/4"	£12.30	£15.90
2.5 mm	6 mm	£7.50			1/8"	1/4"	£10.15	
3 mm	6 mm	£5.48	£5.59		5/32"	1/4"	£11.70	£12.75
3.5 mm	6 mm	£6.45			3/16"	1/4"	£11.70	£10.85
4 mm	6 mm	£5.48	£5.99		7/32"	1/4"		£11.90
5 mm	6 mm	£7.08	£7.08		1/4"	1/4"	£11.48	
6 mm	6 mm	£7.08	£7.08		9/32"	3/8"	£12.68	
					5/16"	3/8"	£10.30	£10.60
8 mm	10 mm	£9.33	£12.82		11/32"	3/8"	£	£15.27
10 mm	10 mm	£13.20	£13.20		3/8"	3/8"	£12.60	£12.60
11 mm	12 mm		£12.60		7/16"	1/2"	£12.95	£15.19
12 mm	12 mm	£11.25	£12.86		1/2"	1/2"	£13.85	£14.78
16 mm	16 mm	£19.75	£18.17		9/16"	5/8"	£15.55	£15.85
20mm	16 mm	£25.00	£28.11		5/8"	5/8"		£17.30
					3/4	5/8	£23.63	£24.30

## **Circular Die Stocks**

13/16" ~ £4.03      1" ~ £4.32      1 5/16" ~ £5.65      1 1/2" ~ £6.50  
 WSL 2 1/4" ~ £21.50      WSL 3" ~ £28.50      WSL 4" ~ £61.00

## **Adjustable Tap Wrenches**

No 0    1/16" – 1/4"    £6.63      No 1    1/16" – 3/8"    £7.85  
 No 2    5/32" – 1/2"    £10.34    No 3    7/32" – 3/4"    £12.95

## **Center drills.**

<u>Size</u>	<u>Body Dia.</u>	<u>Pilot Dia.</u>	<u>Price</u>
BS 1	1/8"	3/64"	£4.20
BS 2	3/16"	1/16"	£5.02
BS 3	1/4"	3/32"	£5.25
BS 4	5/16"	1/8"	£6.00
BS 5	7/16"	3/16"	£8.05
BS 6	5/8"	1/4"	£18.00

## **H.H.S. Straight shank twist drills.**

<u>Size</u>	<u>Price each</u>	<u>Size</u>	<u>Price each</u>	<u>Size</u>	<u>Price each</u>
1/64	£2.46	3/16	£2.00	23/64	£9.00
1/32	£2.00	13/64	£2.50	3/8	£9.30
3/64	£2.00	7/32	£2.60	25/64	£9.40
1/16	£2.00	15/64	£2.70	13/32	£9.50
5/64	£2.00	1/4	£2.70	27/64	£10.00
3/32	£2.00	17/64	£3.10	7/16	£10.00
7/64	£2.00	9/32	£3.15	29/64	£11.30
1/8	£2.00	19/64	£3.50	15/32	£11.30
9/64	£2.00	5/16	£7.75	31/64	£11.30
5/32	£2.00	21/64	£8.25	1/2	£11.30
11/64	£2.00	11/32	£8.25		

Number and letter drills – WSL.

**Metric Drills.** Price each, Other sizes available, please contact us.

<u>Size</u>	<u>Price</u>	<u>Size</u>	<u>Price</u>	<u>Size</u>	<u>Price</u>	<u>Size</u>	<u>Price</u>
0.5	£2.05	2.8	£1.20	5.5	£2.50	8.2	£5.00
0.7	£2.35	2.9	£1.05				
0.8	£2.35	3.0	£1.05	5.7	£2.50	8.5	£5.00
1.0	£1.45			5.8	£2.50	8.6	£5.00
1.1	£1.45	3.2	£1.10	6.0	£2.80	8.8	£5.00
1.2	£1.45	3.3	£1.05	6.1	£2.80	9.0	£5.00
1.3	£1.45	3.5	£1.10	6.2	£2.80	9.2	£5.00
1.4	£1.40	3.8	£1.20	6.3	£2.80	9.3	£5.00
1.5	£1.12	3.9	£1.20	6.4	£2.80	9.5	£
1.55	£2.10	4.0	£1.35	6.5	£2.80	9.6	£5.77
1.6	£1.30	4.1	£1.65	6.6	£2.80	9.7	£5.77
1.7	£1.40	4.2	£1.65	6.8	£2.85	10.0	£9.00
1.8	£1.42	4.3	£1.65	6.9	£2.85	10.1	£9.25
1.9	£1.50	4.4	£1.65	7.0	£2.85	10.2	£9.25
1.95	£1.90	4.5	£1.65	7.1	£3.20	10.3	£9.25
2.0	£1.48	4.6	£1.65	7.2	£3.20	10.5	£9.25
2.1	£1.50	4.7	£1.65	7.3	£3.20	10.6	£
2.2	£1.20	4.8	£1.75	7.5	£3.20	10.8	£9.25
2.3	£1.22	4.9	£1.75	7.6	£3.20	10.9	£9.25
2.4	£1.20	5.0	£1.60	7.7	£3.30	11.0	£9.35
2.5	£1.05	5.1	£2.05	7.8	£3.30	11.5	£9.35
2.6	£1.64	5.2	£2.05	8.0	£3.70	11.8	£9.35
2.7	£1.20	5.4	£2.20	8.1	£5.00	12.0	£9.35

**BA spanner sets**

Box spanners 2,3,4,5,6,7,8,9,10,12 & 2.5mm for 12Ba special £34.58  
 Open ended spanners 0,1,2,3,4,5,6,7,8,9,10,11 £18.50

**BA spanner and socket set comprises :-**

6 off, Mini Double open ended spanners 0BA x 2BA, 1BA x 3BA, 4BA x 6BA, 5BA x 7BA, 8BA x 10BA, 9BA x 11BA.

11 off, 1/4" Drive BA Sockets: 0BA, 1BA, 2BA, 3BA, 4BA, 5BA, 6BA, 7BA, 8BA, 9BA, 10BA £32.75

**Pipe bender**

For 1/8, 3/16 and 1/4 pipe £19.46 For 6, 8 and 10mm pipe £28.50

Mini tube cutter, cuts pipe from 1/8 to 5/8 diameter £5.38

**Short Arm Hexagon Wrench (Allen Key)**

0.028" A/F	for 10BA grub	£0.96			
0.035" A/F	for 8BA, 2UNC grub screws	£0.84			
0.050" A/F	for 6BA, 3 & 4 UNC grub, 6BA Csk	£0.84			
1/16" A/F	for 4BA, 6UNC, 1/8W grub, 8BA cap, 4BA Csk	£0.71			
5/64" A/F	for 3BA, 8UNC, 5/32W grub, 6BA, 4UNC cap, 3BA, 5UNC csk	£0.71			
3/32" A/F	for 2BA, 10UNC, 3/16W grub, 4BA, 5 & 6 UNC 1/8W cap, 2BA 8UNC 3/16 csk	£0.71			
1/8" A/F	for 0BA, 1/4W grub, 3BA, 8UNC cap, 0BA, 10UNC csk	£0.79			
5/32" A/F	£1.20	3/16" A/F	£1.20	7/32" A/F	£1.50
0.7mm	£0.50	1.5mm	£0.30	2.0mm	£0.30
2.5mm	£0.35	3.0mm	£0.40	4.0mm	£0.50
5.0mm	£1.00	6.0mm	£1.20	7.0mm	£1.50
8.0mm	£1.80				

## Boiler and Pipe Fittings



### Single end pipe unions (Complete) Price each.

<u>Pipe Size</u>				<u>Pipe size</u>			
60/010	3/32"	3/16" x 40	£3.88	60/013	3/16"	5/16" x 32	£4.88
60/011	1/8"	1/4" x 40	£4.63	60/014	1/4"	3/8" x 32	£5.63
60/012	5/32"	1/4" x 40	£4.63	60/015	5/16"	1/2" x 26	£10.17
				60/016	3/8"	9/16" x 26	£11.08

### Double end pipe unions (Complete) Price each.

<u>Pipe Size</u>			<u>Pipe size</u>			<u>Pipe size</u>		
60/020	3/32"	£4.17	60/022	5/32"	£5.46	60/024	1/4"	£7.17
60/021	1/8"	£5.46	60/023	3/16"	£5.58	60/025	5/16"	£11.08
						60/026	3/8"	£12.21



### Nuts, union Price Per 4.

<u>Pipe size</u>			<u>Thread</u>			<u>Pipe size</u>			<u>Thread</u>		
60/030	3/32"	3/16" x 40	£2.42	60/033	3/16"	5/16" x 32	£2.71				
60/031	1/8"	1/4" x 40	£2.58	60/034	1/4"	3/8" x 32	£3.13				
60/032	5/32"	1/4" x 40	£2.58	60/035	5/16"	1/2" x 26	£5.54				
				60/036	3/8"	9/16" x 26	£12.60				

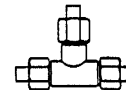
### Nipples (Solder) Price Per 10.

<u>Pipe size</u>			<u>Pipe size</u>			<u>Pipe size</u>		
60/040	3/32"	£5.21	60/042	5/32"	£5.75	60/044	1/4"	£6.46
60/041	1/8"	£5.75	60/043	3/16"	£5.42	60/045	5/16"	£8.58
						60/046	3/8"	£10.00



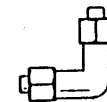
### Pipe "Tees" Price each, complete with nuts and solder nipples.

<u>Pipe size</u>			<u>Pipe size</u>			<u>Pipe size</u>		
60/050	3/32"	£8.46	60/052	5/32"	£8.63	60/054	1/4"	£9.25
60/051	1/8"	£8.63	60/053	3/16"	£9.00	60/055	5/16"	£11.71
						60/056	3/8"	£12.92



### Pipe "Elbows" 90 Price each, complete with nuts and solder nipples.

<u>Pipe Size</u>			<u>Pipe Size</u>			<u>Pipe Size</u>		
60/060	3/32"	£6.00	60/062	5/32"	£8.21	60/064	1/4"	£9.29
60/061	1/8"	£8.21	60/063	3/16"	£8.04	60/065	5/16"	£10.63
						60/066	3/8"	£13.50



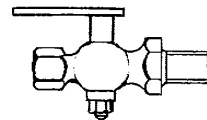
### Safety Valves. Tall Loco type. Price each.

Pressure range 80 – 90 PSI			Pressure range 80 – 100 PSI		
60/143	5/16" x 26TPI	£23.00	60/147	1/2" x 26TPI	£32.46
60/144	5/16" x 32TPI	£23.00			
60/145	3/8" x 26TPI	£24.13			
60/146	3/8" x 32TPI	£24.13			

Note – safety valves are not calibrated and should be adjusted and tested to suit the boiler and conform with boiler testing requirements.

### Cylinder drain cocks Traction engine type. Price per pair.

60/121	1/4" x 32 tpi	£49.96	60/124	1/8" BSP	£61.58
60/122	1/4" x 40 tpi	£49.96	60/125	M10 x 1mm	£61.58
60/123	5/16" x 32 tpi	£51.58	60/126	1/4 BSP inline	£79.50
60/127	1/4" BSP 30 deg. angled – set of 4	£156.66			



### Cylinder drain cocks Loco type. Price for set of 4 ( 2 left, 2 right).

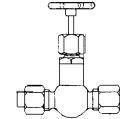
60/131	5/32" x 40 tpi	£40.04**	60/133	1/4" x 40 tpi	£47.58 **
60/132	3/16" x 40 tpi	£40.04	60/134	5/16" x 40 tpi	£52.00

\*\* Now with lock nut fitted



**Globe Valves 180** Price each.

<u>Code</u>	<u>Pipe Size</u>		<u>Code</u>	<u>Pipe Size</u>		<u>Code</u>	<u>Pipe Size</u>	
60/070	3/32	£25.46	60/073	3/16"	£27.46	60/075	5/16"	£44.58
60/071	1/8"	£23.46	60/074	1/4"	£28.92	60/076	3/8"	£44.58
60/072	5/32"	£23.46						
60/077	1/4 BSP to 3/8	pipe manifold valve						£44.58
60/078	1/4 BSP to 5/16	pipe manifold valve						£44.58



**Globe Valves 90** Price each.

<u>Code</u>	<u>Pipe Size</u>		<u>Code</u>	<u>Pipe Size</u>		<u>Code</u>	<u>Pipe Size</u>	
60/080	3/32	£25.46	60/083	3/16"	£27.42	60/085	5/16"	£44.58
60/081	1/8"	£23.46	60/084	1/4"	£28.92	60/086	3/8"	£44.58
60/082	5/32	£23.46						
60/087	1/4 BSP to 3/8	pipe manifold valve						£44.58
60/088	1/4 BSP to 5/16	pipe manifold valve						£44.58



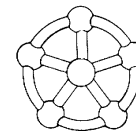
**Spare Handwheel** (3 spoke M/Ced.) Price each.

	<u>Dia</u>	<u>Tapped</u>		<u>Dia</u>	<u>Tapped</u>	
60/601	1/2"	8 BA	£4.42	60/605	3/4"	6 BA £5.71
60/602	9/16"	8 BA	£4.42			
60/603	5/8"	6 BA	£4.63	60/606	1"	6 BA £6.58
60/604	11/16"	6 BA	£4.63	60/607	1 1/4"	Blank £8.30



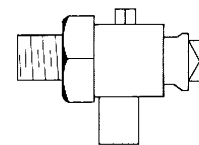
**Spare Handwheel** (5 spoke lost wax casting) Centre spigot left blank. Price each.

<u>Code</u>	<u>Dia</u>		<u>Code</u>	<u>Dia</u>		<u>Code</u>	<u>Dia</u>	
60/610	5/8"	£10.00	60/614	1 1/4"	£13.40	60/618	1 3/4	£16.70
60/611	7/8	£	60/616	1 1/2"	£15.35			



**Blowdown Valves** Price each.

60/101	1/4" x 40 TPI	£18.00	60/106	1/2" x 26 TPI	£18.79
60/102	5/16" x 32 TPI	£16.71	60/111	1/4" BSP	£50.38
60/104	3/8" x 32 TPI	£16.71	60/112	3/8" BSP	£57.00
60/105	3/8" x 26 TPI	£16.71	60/113	1/2" BSPF	£66.50
			60/114	1/2" BSPT	£66.50

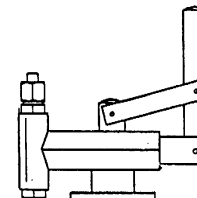


**Tender Plug Type Water Valves - Inline (90deg on/off)** Price each.

	<u>Pipe Size</u>		<u>Pipe Size</u>		<u>Pipe Size</u>			
60/091	1/8"	£22.38	60/093	3/16"	£25.38	60/095	5/16"	£34.71
60/092	5/32"	£22.38	60/094	1/4"	£26.88	60/096	3/8"	£34.71

**Hand Pumps** Price each

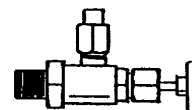
60/150	5/16" Ram	1/8 pipe	£38.42
60/151	3/8" Ram	5/32 pipe	£39.42
60/152	1/2" Ram	3/16 pipe	£44.17
60/153	5/8" Ram	1/4 pipe	£52.79
60/154	3/4" Ram	3/8 pipe	£75.00
60/155	3/4 " Ram,	3/8" pipe to pipe	£80.00



**NOTE** Please see page 28 regarding BSP sizes.

**Blower Valves** Boiler stay type. Price each.

	<u>Pipe Size</u>	<u>External</u>	<u>Internal</u>	
60/187	5/32"	1/4" x 40	5/32" x 40	£13.88
60/188	5/32"	5/16" x 40	3/16" x 40	£13.14
60/189	5/32"	3/8" x 40	1/4" x 40	£13.42



**Steam Valves** 90 deg. Thread inlet side, pipe soldered to outlet side. Price each.

<u>Code</u>	<u>Pipe Size</u>	<u>Thread</u>	
60/181	1/8"	1/4" x 40	£18.92
60/182	5/32"	1/4" x 40	£18.92
60/183	3/16"	5/16" x 32	£20.42
60/184	1/4"	3/8" x 32	£20.96
60/185	5/16"	9/16" x 26	£30.63
60/186	3/8"	9/16" x 26	£30.63

**Whistle Valves** Price each.

60/440	1/8" pipe	1/4 x 40	£21.63	(will suite loco whistles )
60/442	3/8 x 32 male to 3/8 x 32 female		£30.58	(will suite 4 tone chime whistle)
60/443	5/16 x 32 male to 5/16 x 32 female		£28.17	(will suite 3 tone chime whistle)

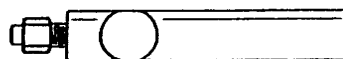
**Brass chain** All links are solder joints. Price per 300mm.

Link length x width x wire gauge. Ideal for whistle chain!!

60/450	.200" x .250" x 18g (6 links/inch)	£5.17
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**Whistle** Loco type. Price each.

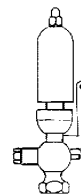
60/420	3/8"	£16.00	60/421	1/2"	£17.50
60/422	5/8"	£18.50			



**Whistle** Traction engine type. Price each. (Complete with steam valve).

60/410	3" Scale	Tapped 1/8" BSP.	Stands 3 1/8" high	£
60/411	4" Scale	Tapped 1/8" BSP.	Stands 3 7/8" high	£115.00
60/412				
60/413	6" Scale	Tapped 3/8" BSP.	Stands 6" high	£187.45

See item 60/450 for suitable brass chain.



**Chime Whistle** Price each

60/430	3 tone Chime whistle in polished brass	£52.79
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Suitable valve – 60/443

60/431	4 tone Chime whistle in polished brass	£76.96
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Suitable valve – 60/442



**Steam Siren** Price Each.

60/435	4" Scale	£192.00
	Threaded 1/8" BSP female.	
	Nom'l 4 3/4" high.	

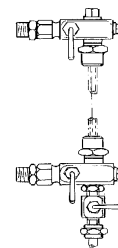


**Water Gauges-Single valve** Price each.

	<u>Thread</u>	<u>Glass size</u>		<u>Thread</u>	<u>Glass size</u>	
60/210	3/16" x 40	4 mm	£39.38	60/215	5/16" x 32	6mm £46.17
60/212	1/4" x 40	5mm	£39.38	60/216	3/8" x 32	7mm £46.13

**Water Gauges - 3 cock** Price each. Bronze body with stainless tap on PTFE seating.

<u>Code</u>	<u>Scale</u>	<u>Glass size</u>	<u>Fitting</u>	<u>Price</u>
60/220	3" scale	7mm	1/8" BSP	£160.54
60/221	4" scale	8mm	1/8" BSP	£160.54
60/223	4" scale	10mm	1/4" BSP	£168.75
60/224	6" scale	12mm	3/8" BSP	£250.00



Note. These gauges can be converted to either left or right hand fitting.

Gauge protectors can be made for the above water gauges. See below, please contact us for more details.

**Water Gauge protectors** Made to order only as the glass is toughened after cutting,

60/230	For 3" scale water gauges	£81.50
60/231	For 4" scale water gauges	£81.50
60/232	For 6" scale water gauges	£96.10

**Gauge glass (plain)** Price per 6" length. (150mm).

60/240	5mm	£3.00	60/242	7mm	£3.15	60/244	10mm	£3.45
60/241	6mm	£3.00	60/243	8mm	£3.30	60/245	12mm	£3.80

**Gauge glass (With red stripe)** Price per indicated length

60/249	4mm x 150mm long	£3.96	60/260	1/2" x 150mm long	£4.10 WSL
60/250	5mm x 150mm long	£3.96	60/261	10mm x 200mm long	£6.21
60/251	6mm x 150mm long	£4.00			
60/252	7mm x 150mm long	£4.00	60/264	12mm x 200mm long	£6.33
60/253	8mm x 150mm long	£4.00	60/262	14mm x 300mm long	£6.75
60/254	9mm x 150mm long	£4.58			
60/255	10mm x 150mm long	£4.58			

**Gauge glass (With blue stripe)** Price per 6" length (150mm).

60/272	(1/4) 6.5 mm x 150 mm	£4.00
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**Silicon rubber tube gauge glass seals, per 25mm length**

60/279	4, 5, 6, 7, 8, 9, 10, and 12,mm	£0.33
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See also VITON 'O' rings – page 43.

**Water Check or Non-Return Valves** Price each. (90 Deg) (NOT suitable for oil)

	<u>Pipe size</u>	<u>Thread</u>		<u>Pipe size</u>	<u>Thread</u>	
60/160	3/32"	3/16" x 40	£13.75	60/166	5/16"	1/2" x 26 £25.38
60/161	1/8"	1/4" x 40	£13.75	60/167	5/16"	1/4 BSP £32.58
60/162	5/32"	1/4" x 40	£13.75	60/168	3/8"	1/4 BSP £32.58
60/163	3/16"	5/16" x 32	£15.75	60/169	3/8"	3/8 BSP £89.25
60/164	1/4"	3/8" x 32	£18.92			
60/165	1/4"	1/8 BSP	£18.92			

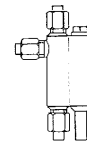
**Water Check or Non-Return Valves** In line (180 deg.) Price each. Pipe to pipe.

	<u>Pipe size</u>		<u>Pipe size</u>		
60/171	1/8"	£12.50	60/174	1/4"	£14.58
60/172	5/32"	£12.50	60/175	5/16"	£21.92
60/173	3/16"	£13.08	60/176	3/8"	£24.96

## Injectors

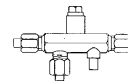
**Vertical** Price each. Working pressure up to 100 psi

	<u>Size</u>	<u>Delivery (Pr Min)</u>	<u>Pipe size</u>	
60/503	No 2	11oz (0.312 ltr)	5/32"	£59.25
60/505	No 3	15oz (0.426 ltr)	3/16"	£59.25
60/507	No 4	25oz (0.710 ltr)	3/16"	£59.25
60/509	No 5	66oz (1.87 ltr)	1/4"	£67.50
60/511	No 6	80oz (2.27 ltr)	1/4"	£67.50
60/513	No 7	100oz (2.84 ltr)	5/16"	£79.25
60/515	No 8	160oz (4.54 ltr)	3/8"	£79.25
60/521	No 16	320oz (9.09 ltr)	3/8"	£113.29



**Horizontal** Price each. Working pressure up to 100 psi

	<u>Size</u>	<u>Delivery (Pr Min)</u>	<u>Pipe size</u>	
60/502	No 2	11 oz (0.312 ltr)	5/32"	£49.29
60/504	No 3	15 oz (0.426 ltr)	3/16"	£49.29
60/506	No 4	25 oz (0.71 ltr)	3/16"	£49.29
60/508	No 5	66 oz (1.87 ltr)	1/4"	£60.75
60/510	No 6	80 oz (2.27 ltr)	1/4"	£60.75
60/512	No 7	120 oz (3.40 ltr)	5/16"	£71.88
60/514	No 8	160 oz (4.54 ltr)	3/8"	£75.63
60/520	No 16	320 oz (9.09 ltr)	3/8"	£102.88

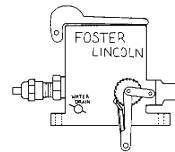


## Lubricators and oilers

### Traction engine type.

Scaled from a full sized 'Foster' lubricator. Price each.

Although they incorporate their own check valve, a second one is recommended on the cylinder block.



51/074	3" scale box and lid	£46.90	51/075	3" scale complete	£137.50
51/076	4" scale box and lid	£61.78	51/077	4" scale complete	£137.50
51/078	6" scale box and lid	£75.40	51/079	6" scale complete	£198.75
51/080	12" scale box and lid	£ POA	51/081	12" scale complete	£ POA
51/087	Oil check valve for 4" scale 'Foster' lubricator. 5/32" pipe, 3/8" x 32 TPI.				£18.67 each

51/091	Spring set for 3" scale Foster lubricator	£15.54
51/092	Spring set for 4" scale Foster lubricator	£15.54
51/093	Spring set for 6" scale Foster lubricator	£18.60
51/094	Spring set for full size Foster lubricator	£POA

Workings only for 3" scale Foster lubricator	£89.09
Workings only for 4" scale Foster lubricator	£85.56
Workings only for 6" scale Foster lubricator	£117.64

51/069 Twin ram lubricator – Size ~ box, 3 1/2" square x 4 1/4 high. £273.58

Base ~ 3 1/2" wide x 5 1/2" long. 3/16 or 1/4 pipe. Holds approx 1 pint oil.

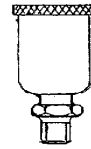
### Oil Check Valves

51/083	1/8" pipe to pipe x 180 deg.	£15.79	51/085	1/8" pipe to 3/16 x 40 - 90 deg.	£14.00
51/084	5/32" pipe to pipe x 180 deg	£15.79	51/086	1/8" pipe to 1/4 x 40 - 90 deg.	£16.29
51/088	3/16 pipe to pipe x 180 deg	£16.46	51/089	5/32" pipe to 1/4 x 40 - 90 deg.	£16.29

## Wick feed oilers

### Code

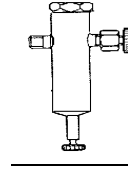
51/040	1/4" x 40 tpi. Body dia. 1/2", height excluding thread 1 1/8"	£10.00
51/041	5/16" x 32 tpi. Body dia. 5/8", height excluding thread 1.200"	£11.42
51/042	5/16" x 32 tpi. Body dia. 7/8", height excluding thread 1.450" Lid has hexagon on top.	£15.58
51/043	5/16" x 32 tpi. Body dia. 7/8", height excluding thread 1.450" Lid has knurl around edge.	£15.58



## Displacement Lubricator

### Code

51/050	Displacement lubricator 5/8" dia body, 1 7/8 body length. 1/4 x 40 thread	£38.50
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## Grease nipples

Thread size – 1/8" BSP.



### Code

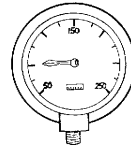
Tat-head (double hexagon)  
Straight  
45 Deg. Angle  
90 Deg. Angle

Each  
£0.86  
£0.33  
£0.33  
£0.33

Qty. 10  
£5.11  
£2.50  
£2.50  
£2.50

51/061	4" scale traction engine front and rear wheel oil pots The stem is 5/16" (8mm) plain for you to thread to suit your wheel hubs.	£52.08
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## Pressure Gauges Price each



Code	<u>Without back flange</u>	Code	<u>With back flange</u>
60/301	1/2" Dia. 0 - 120 lbs £44.00	60/303	3/4" Dia. 0 – 150 lbs £43.00
60/302	3/4" Dia. 0 - 150 lbs. £38.50	60/306	1" Dia. 0 - 150 lbs £43.00
60/304	1" Dia. 0 – 80 lbs £35.00	60/308	1" Dia. 0 - 250 lbs £43.00
60/305	1" Dia. 0 – 150 lbs £35.00	60/311	1 5/8" Dia. 0 - 160 lbs £47.50
60/307	1" Dia. 0 - 250 lbs £35.00	60/313	1 5/8" Dia. 0 - 300 lbs £47.50
60/310	1 5/8" Dia. 0 - 160 lbs £35.00	60/317	2" Dia. 0 - 160 lbs £47.50
60/312	1 5/8" Dia. 0 - 300 lbs £35.00	60/319	2" Dia. 0 - 300 lbs £47.50
60/316	2" Dia. 0 - 160 lbs £36.92	60/321	3" Dia. 0 – 150 lbs £
60/318	2" Dia. 0 - 300 lbs £36.92	60/325	3" Dia. 0 – 300 lbs £
60/320	3" Dia. 0 – 150 lbs £127.50		
60/324	3" Dia. 0 – 300 lbs £		

1/2" gauge has 5BA connection  
3/4 and 1" gauges – thread is 3/16 x 40 tpi

1 5/8" and 2" gauges – thread is 1/8 BSP  
3" gauges – thread is 1/4" BSP.

## Vacuum Gauges Price each.

Code	<u>Without back flange</u>	Code	<u>With back flange</u>
60/330	3/4" Dia. 0 - 30 HG £46.50	60/332	1" Dia 0-30 HG £55.00
60/331	1" Dia. 0 - 30 HG £46.50	60/334	2" Dia 0-30 HG £65.00
60/333	2" Dia. 0 - 30HG £45.67		

60/340 3/16 x 40 syphon for 3/4" and 1" pressure and vacuum gauges £14.35

60/341 1/8 BSP nut and solder nipple (3/16" pipe) for larger pressure / vacuum gauges - £5.00

60/342 1/4 BSP nut and solder nipple (1/4" pipe) for 3" gauges £6.00

## Pressure / vacuum gauge shut off cock.

60/346 Suitable for gauges of 1 5/8" dia and larger. 1/8" BSP male thread. 3/16" solder nipple. £28.17

60/347 Suitable for gauges of 3" and larger. 1/4 BSP male to 1/4 BSP female £31.00

## BSP nuts and solder nipples

60/351 1/4" BSP nut with 3/16" pipe coned solder nipple. £6.00

60/352 1/4" BSP nut with 1/4" pipe coned solder nipple. £6.00

## Tender mounted water control valve.

No mounting holes drilled.

Mounts directly on to the right hand side of the Tender

60/097	To suit 1/4" pipe injectors, threaded 3/8 x 32	£
60/098	To suit 5/16" pipe injectors, threaded 1/2" x 26	£67.80
60/099	To suit 3/8" pipe injectors, threaded 9/16" x 26	£78.50

**Fusible plugs** Price each.

61/180 1/4" BSPT £19.54      61/181 3/8" BSPT £19.54      61/182 1/2" BSPT £23.79

**Blanking plugs** Bronze, Price each.

61/185 1/4"BSPT £10.21      61/186 3/8"BSPT £10.21      61/187 1/2"BSPT £13.50

Steel, Price each.

61/190 1/8" BSPT      £2.30      61/191 1/4" BSPT      £2.90      61/192 3/8" BSPT      £3.45  
61/193 1/2" BSPT      £4.80

**NOTE** Please see page 28 regarding BSP sizes.

**Fusible plug spanner – square to hexagon.** Price each.

61/195 3/8 square £15.21      61/196 7/16 square £15.21      61/198 9/16 square £16.46

**Brass Blanking Plugs** Price each

61/171 1/4" x 40	£1.96	61/175 3/8" x 26	£2.33
61/172 5/16" x 32	£2.21	61/176 1/2" x 26	£3.00
61/173 5/16" x 26	£2.21	61/177 9/16" x 26	£4.25
61/174 3/8" x 32	£2.33	61/178 5/8" x 26	£4.42

**Traction engine water lifter rose.**

70/021 3" scale rose      £32.96      70/022 4" scale rose      £37.75

70/024 6" scale rose      £58.42

**Traction engine water lifter hose.** Price Pr meter

70/026 3" scale – 12mm ID      £6.63      70/028 6" scale – 1" OD      £10.25

70/027 4" scale – 5/8 ID      £7.08

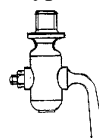
**Test cocks** Price each.

**Code**

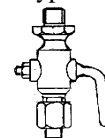
61/415 Test cock, plain ~ 5/16 x 32 tpi (type A)      £27.29

61/416 Test cock with 1/8 pipe solder union  
5/16 x 32 tpi (type B)      £27.92

Type A



Type B



## **Tube Brushes**

**Bronze bristles** with twisted wire handle. Price each

61/010	1/4 dia	£9.20	61/012	3/8 dia	£9.20	61/014	1/2 dia	£9.20
61/011	5/16 dia	£9.20	61/013	7/16 dia	£9.20	61/016	5/8 dia	£10.67

**Brass bristles** Price each. End threaded 1/4" BSW for handle.

61/020	1 1/16" dia	£8.33	61/021	3/4" dia.	£8.33
61/022	7/8" dia	£8.33	61/023	1" dia.	£10.00

**Steel bristles** Price each. End threaded 1/4" BSW for handle

61/033	1" dia	£10.00			
61/034	1 1/8 dia.	£12.50	61/035	1 1/4 Dia.	£ 12.50

61/040 Handle for the above brass and steel bristle tube brushes, approx length 90 cm. £6.04

**Boiler lagging.** Pr metre length. – max length 3 meters

61/162	£	
61/166	Fibre material 500mm wide x 6mm thick	£30.71

**Gasket Material** For steam, oil or water

**Plain.** Per 300mm x 300mm area.

61/126	1/32" thick	£5.63	61/127	1/16" thick	£9.71
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**Graphited.** Per 300mm x 300mm area.

61/129	1/32" thick	£8.00	61/130	1/16" thick	£10.83
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**Graphited yarn.** Per metre length. (\*\* 2 metres)

61/135	1.5mm dia.	£3.50**	61/139	6.5mm square	£13.25
61/136	3mm square	£6.04			
61/138	5mm square	£10.25			

Max operating conditions:- Temp. 480 Deg C, Velocity 15m/s, Pressure 140 Bar.

**PTFE gland packing.**

61/145	3mm square – 1 mtr	£3.66	61/146	5mm square – 1 mtr	£6.75
61/147	6.5mm square – 0.5 mtr	£8.67			
61/149	PTFE tape, 12mm x 12m x 0.075mm	£0.42			

Max operating conditions:- Temp. 260 Deg C, Velocity 8m/s, Pressure 70 Bar.

**Steam jointing paste**

61/155	"Foliac" graphite Steamseal jointing compound.	400 gram tin.	£18.33
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**Boiler mud hole gaskets.** Price each. Internal dimensions x wall thickness.

61/110	56mm x 41mm x 10mm	£12.38	( for 4" scale Foster and some 4" and 4 1/2" Burrells )
61/111	74mm x 56mm x 10mm	£12.38	( for 4" Burrell – typical )
61/112	100mm x 80mm x 15mm	£14.50	(5" Foster)
61/113	45mm x 32mm x 8mm	£12.38	( for 3" Foster )
61/114	95mm x 85mm x 10mm	£14.50	
61/115	85mm x 70mm x 8mm	£14.50	(for 3" Marshall, 6" Ruston Proctor )
61/116	50mm x 38mm x 8mm	£12.38	(3" Little Samson / 3" McLaren)
61/117	70mm x 50mm 10mm	£12.38	(4" Rushton Proctor, 4" DCC Foster )
61/118	168mm x 136mm x 12mm	£18.70	(6" Fowler)

**Split cotter pins.** 50 per packet. Steel.

<u>Code</u>			<u>Code</u>			<u>Code</u>		
45/310	1/32" x 3/4"	£3.80	45/321	3/64" x 2"	£3.96	45/329	1/16" x 2 1/2"	£3.50
45/314	1/32" x 1 1/2"	£4.70	45/323	1/16" x 3/4"	£2.75	45/330	5/64" x 1 1/2"	£4.10
45/312	1/32" x 1 7/8"	£4.79	45/324	1/16" x 1"	£2.34	45/331	3/32" x 1/2"	£2.75
45/313	1/32" x 2"	£4.84	45/326	1/16" x 1 1/4"	£2.90	45/334	3/32" x 1"	£2.90
45/317	3/64" x 1"	£3.25	45/327	1/16" x 1 3/4"	£3.25		3/32" x 2 1/4"	£3.60
45/318	3/64" x 1 3/8"	£3.36	45/328	1/16" x 2"	£3.30	45/337	1/8" x 2"	£5.91
45/320	3/64" x 1 1/2"	£3.45	45/325	1/16" x 2 1/4"	£3.40			

Stainless steel Split pins 10 per packet.

1/8" x 1"	£2.00	45/350	1/16" x 1"	£1.60
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Brass split pins 10 per packet

45/360	3/32" x 2 1/4"	£2.43
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**Taper pins.** 10 per packet. Steel. The diameter of the pin is measured at the large end.

<u>Code</u>			<u>Code</u>			<u>Code</u>		
45/210	1/16" x 5/8"	£7.00	45/220	3/32" x 1 1/2"	£7.50	45/230	3/16" x 1"	£6.75
45/212	1/16" x 1"	£8.22	45/222	1/8" x 1/2"	£5.40	45/231	3/16" x 1 1/4"	£7.25
45/213	1/16" x 1 1/4"	£8.96	45/225	1/8" x 1"	£5.67	45/232	7/32" x 1 1/2"	£7.47
45/218	3/32" x 1/2"	£6.75	45/226	1/8" x 1 1/2"	£7.62	45/234	1/4" x 1 1/2"	£7.50
45/219	3/32" x 1"	£8.25	45/227	5/32" x 1"	£6.20	45/236	1/4" x 2"	£9.00

**Taper pin reamers – HSS – 1 in 48 taper**

1/16	£20.00	3/32"	£20.00	5/32	£21.50		
5/64"	£20.00	1/8"	£20.50	3/16"	£21.50	1/4"	£24.00

**Roll pins.** 10 per packet. Steel.

<u>Code</u>			<u>Code</u>		
45/010	1/16" x 5/16"	£0.83	45/027	1/8" x 11/16"	£1.00
45/011	1/16" x 7/16"	£0.83	45/028	1/8" x 3/4"	£1.00
45/014	1/16" x 3/4"	£0.83	45/029	1/8" x 1"	£1.21
45/012	1/16" x 7/8"	£0.83	45/030	1/8" x 1 1/4"	£1.40
45/013	1/16" x 1"	£0.83	45/035	5/32" x 1 1/4"	£1.50
45/020	3/32" x 3/4"	£0.83	45/039		
45/021	3/32" x 1"	£0.85	45/040	3/16" x 1"	£1.73
45/025	1/8" x 9/16"	£0.85	45/045	1/4" x 1"	£1.85
45/026	1/8" x 5/8"	£1.00	45/047	1/4" x 1 1/2"	£2.90
			45/060	5mm x 20mm	£1.67

**Dowl Pins.** 10 per packet. Steel

<u>Code</u>			<u>Code</u>		
45/110	3/16" x 3/4"	£1.75	45/120	4mm x 30mm	£1.75
45/111	3/16" x 7/8"	£1.75	45/121	5mm x 10mm	£1.75
45/112	1/4" x 7/8"	£1.75	45/122	5mm x 20mm	£1.80
45/113	5/16" x 1 3/8"	£3.75	45/123	5mm x 40mm	£3.45
			45/124	6mm x 20mm	£1.75
			45/125	6mm x 50mm	£3.60

### **Gib head keys.** Price each.

<u>Code</u>		<u>Code</u>		<u>Code</u>				
45/411	3/16" wide x 2"	£6.80	45/413	1/4" wide x 3"	£7.27	45/415	5/16" wide x 3"	£7.75
45/417	3/8" wide x 3"	£12.00						

### **Square section key steel** Price per 300mm length.

<u>Code</u>		<u>Code</u>		<u>Code</u>				
45/421	1/8" x 1/8"	£3.75	45/424	5/16" x 5/16"	£6.60	45/426	7/16 x 7/16	£11.70
45/422	3/16" x 3/16"	£4.23	45/425	3/8" x 3/8"	£8.84	45/427	1/2 x 1/2	£12.81
45/423	1/4" x 1/4"	£5.40						
45/431	3mm x 3mm	£3.66	45/434	6mm x 6mm	£6.20	45/436	10mm x 10mm	£9.17
45/432	4mm x 4mm	£4.44	45/435	8mm x 8mm	£6.60	45/437	12mm x 12mm	£11.12
45/433	5mm x 5mm	£5.64						

### **Boiler water treatment**

Helps remove oxygen from water, stops build up of solids around foundation ring and boiler tubes. Supplied with instructions.

51/230	1 litre	£20.54	51/231	5 litres	£73.60
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### **Steam oil.**

For engines running up to 120 psi. SCO 460.

51/210	1 litre	£9.00	51/211	5 litres	£38.75
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For engines running above 120 psi. SCO 1000

51/213	1 litre	£9.00	51/214	5 litres	£38.75
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### **Cutting oil**

Cutting and drilling oil – spray. Good for bronze and other copper based alloy's (400ml) £14.44

Cutting and drilling Foam. Good for tapping, reaming and heavy cuts (400ml) £10.30

### **Silver Solder and Fluxes**

#### **Silver Solder** Price Each.

		<u>Length</u>		<u>Each</u>	<u>6 +</u>
51/117	Silver Flo 55 ( 630 - 660 Deg. C.)	600mm	1.0mm Dia	£6.25	£5.76
51/118	M25T 55% silver ( 630 - 660 Deg. C.)	500mm	1.5mm Dia	£10.04	£9.38
51/119	Silver Flo 55 ( 630 - 660 Deg. C.)	600mm	3.0mm Dia	£22.75	£21.16
51/115	L13S 20% silver ( 690 - 810 Deg. C.)	500mm	1.5mm Dia	£6.25	£5.76
51/120	SifBronze No 1 ( 875 - 895 Deg. C.)	750mm	1.6mm Dia	£1.21	£1.00
51/121	SifBronze No 1 ( 875 - 895 Deg. C.)	750mm	2.3mm Dia	£2.40	£2.20
51/125	Comsol soft solder ( 305 Deg. C.)	600mm	3.0mm Dia	£	

#### **Fluxes**

51/1301	SP 1(550-800 deg C)	20 grams	£4.17
51/1302	SP 1(550-800 deg C)	250 grams	£16.92
51/1303	SP 1(550-800 deg C)	100 grams	£9.63
51/1321	Tenacity 4A	20 grams	£4.17
51/1322	Tenacity 4A	500 grams	£24.83
51/1341	Tenacity 5 - For Stainless	20 grams	£4.17
51/1342	Tenacity 5 - For Stainless	250 grams	£20.00
51/1361	SifBronze brazing flux	20 grams	£4.17
51/1363	SifBronze brazing flux	500 grams	£30.45

M25T is a 55% silver, cadmium-free replacement for Easy-flo No2.

SP 1flux powder is compatible with M25T, Silver-flo 55 & L13S.

**“O” Rings** Price each. OD x Wall**Nitile**

<u>Code</u>			<u>Code</u>			<u>Code</u>					
50/0061	1/4”	x 1/16”	£0.17	50/1131	3/4”	x 3/32”	£0.51	50/2161	1 3/8	x 1/8”	£0.93
50/0071	9/32”	x 1/16”	£0.17	50/1141	13/16”	x 3/32”	£0.55	50/2171	1 7/16	x 1/8”	£0.97
50/0081	5/16”	x 1/16”	£0.17	50/1151	7/8”	x 3/32”	£0.59	50/2181	1 1/2	x 1/8”	£1.02
50/0091	11/32	x 1/16”	£0.21	50/1161	15/16	x 3/32”	£0.63	50/2191	1 9/16	x 1/8”	£1.06
50/0101	3/8”	x 1/16”	£0.25	50/2101	1”	x 3/32”	£0.68	50/2201	1 5/8	x 1/8”	£1.10
50/0111	7/16”	x 1/16”	£0.29	50/2111	1 1/16	x 1/8”	£0.72	50/2211	1 11/16	x 1/8”	£1.14
50/0121	1/2”	x 1/16”	£0.34	50/2121	1 1/8	x 1/8”	£0.76	50/2221	1 3/4	x 3/16”	£1.19
50/1101	9/16	x 3/32”	£0.38	50/2131	1 3/16	x 1/8”	£0.80				
50/1111	5/8”	x 3/32”	£0.42	50/2141	1 1/4	x 1/8”	£0.85				
50/1121	11/16”	x 3/32”	£0.46	50/2151	1 5/16	x 1/8”	£0.89				

**Silicon** Price each. OD x Wall

<u>Code</u>			<u>Code</u>			<u>Code</u>					
50/0092	11/32	x 1/16”	£0.46	50/1112	5/8”	x 3/32”	£0.68	50/1132	3/4”	x 3/32”	£0.76
50/0112	7/16”	x 1/16”	£0.65	50/1122	11/16”	x 3/32”	£0.72		13/16	x 3/32”	£0.80
50/0122	1/2”	x 1/16”	£0.66								

**Viton** Price each. ID x Wall

<u>Code</u>		<u>Each</u>	<u>Pr 10</u>
50/0063	4mm x 1mm	£0.34	£2.30
50/0073	5mm x 1.25mm	£0.35	£2.40
50/0083	6mm x 1.5mm	£0.41	£2.82
50/0103	7mm x 1.5mm	£0.50	£3.43
50/0113	8mm x 1.5mm	£0.50	£3.43
50/0123	9mm x 1.5mm	£0.50	£3.43
50/0133	10mm x 2.5mm	£0.69	£4.75
50/0203	12mm x 2.5mm	£0.78	£5.43

### Wire winch rope.

70/041	3mm wire winch rope with thimble eye one end. 15 meters.	£34.70
70/043	5mm wire winch rope with thimble eye one end. 30 meters.	£69.95
70/051	Bow shackle for 3mm wire rope	£0.51 each
70/053	Bow shackle for 5mm wire rope	£1.17 each
70/060	Hook for 3mm wire rope	£5.00 each
70/061	Hook for 5mm wire rope	£7.50 each

We are able to supply any length upto 100 meters - POA

### Tender try cock, Price each.

61/410	1/8 BSP	£27.29
61/409	5/16 x 32	£24.00

### Scale Buckets with handle. Price each (typical size relates to traction engines, not rail locos)

70/010	50mm high, 58mm diameter at top (typical 3" scale)	£3.50
70/012	80mm high, 78mm diameter at top (typical 4" scale)	£4.00
70/014	103mm high, 103mm diameter at top (typical large 4" /small 6" scale)	£5.25
70/016	120mm high, 130mm diameter at top (typical 6" scale)	£6.25
70/018	138mm high, 164mm diameter at top (typical large 6" scale)	£7.50

### Case hardening compound

100 Grams	£10.65
200 Grams	£16.64
500 Grams	£35.49

### Ends for twisted brass. Price per pair. See page 6 for twisted brass.

A180/B For 1/2 A/C	£11.06	A181/B For 3/4 A/C	£13.76	For 7/8" A/C	£17.00
A182/B For 1" A/C	£18.00	A183/B For 1 1/4" A/C	£22.64	A184/B For 1 1/2" A/C	£32.12

### Fire irons. - Includes shovel, poker and ash pan rake

61/305	For 3" scale traction engines	£35.83
61/306	For 4" scale traction engines	£38.96

### Steering chain. Price Pr Metre.

70/100	For 3" scale traction engines (link size, Nom'l - 15/16" x 17/32" x 5/32 wire )	£16.35
70/101	For 4" scale traction engines (link size, Nom'l - 1 3/16" x 3/4" x 1/4" wire)	£15.42
70/102	For 6" scale traction engines (link size, Nom'l - 1 3/8" x 1" x 9/32" wire)	£22.15

### "Clean out boiler every 14 days" lost wax plate. Price each.

70/070	For 3" scale engines	£15.50	70/071	For 4" scale engines	£17.96
70/072	For 6" scale engines	£24.42			

### Drive Belting. Price Pr metre.

#### Governor belting

70/080	1/2" wide	£19.12	70/082	3/4" wide	£19.50
70/081	5/8" wide	£19.12	70/083	1" wide	£20.70

70/086	Clip for all above	£4.50 per 50mm length
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**Books. (Zero rated for VAT). While stocks last, please check availability.**Code

BOOK/WPS10	Workshop practice series. Saws and Sawing	£8.50
BOOK/WPS13	Workshop practice series. Workshop Drawing.	£8.50
BOOK/WPS15	Workshop practice series. Work holding in the Lathe.	£8.50
BOOK/WPS18	Workshop practice series. Basic Bench work.	£8.50
BOOK/WPS19	Workshop practice series. Spring Design & Manufacture	£8.50
BOOK/WPS20	Workshop practice series. Metalwork and Machining.	£8.50
BOOK/WPS21	Workshop practice series. Adhesives and Sealants.	£8.50
BOOK/WPS27	Workshop practice series. Spindles.	£8.50
BOOK/WPS32	Workshop practice series. Unimat III Lathe Accessories	£8.50
BOOK/WPS36	Workshop practice series. Photo Etching.	£8.50
BOOK/WPS41	Workshop practice series. Grinding, Honing and Polishing.	£8.50
BOOK/WPS44	Workshop practice series. The Metalworker's Workshop	£8.50
BOOK/WPS46	Workshop practice series. Workshop Machinery	£8.50

**Cast Iron piston rings ~ Clupet type - Price EACH.**

61/250	1 1/2" x 1/8 x 1/16	£	
61/251	1 5/8" x 1/8 x 1/16	£	
61/252	1 3/4" x 3/16 x 1/16	£36.50	
61/254	2" x 3/16 x 5/64	£	Will suit 4" Burrell SCC HP Cyl. 4" scale little Samson 4" scale Ruston Proctor SC.
61/255	2 1/16 x 3/16 x 5/64	£38.80	Will suit 3" Foster SC
61/256	2 1/4" x 3/16 x 5/64	£	Will suit 4" Burrell DCC HP Cyl.
61/257	3 3/8" x 3/16 x 3/32	£	
61/260	2.730 x 1/4 x 3/32	£47.25	Will suit 4" Foster SC, 4 1/2" LSM Burrell SC 6" Ruston Proctor SC
61/261	2 3/4" x 1/4 x 3/32	£47.25	
61/263	3" x 3/16 x 1/8	£	Will suit 4" Burrell SC
61/264	3 1/4" x 3/16 x 1/8	£52.25	
61/265	3 5/16 x 3/16 x 1/8	£54.25	Will suit 4" Burrell SCC LP Cyl.
61/266	3 3/8 x 1/4 x 1/8	£55.60	Will suit 6" Burrell DCC HP Cyl.
61/267	3 1/2" x 1/4 x 1/8	£	
61/270	3 3/4" x 3/16 x 1/8	£	Will suit 4" Burrell DCC LP Cyl.
61/282	5 5/8" x 5/16 x 3/16	£	Will suit 6" Burrell DCC LP Cyl.
61/283	5 3/4" x 5/16 x 3/16	£74.50	
61/286	6" x 5/16 x 7/32	£81.25	

**Cast Iron piston rings ~ Plain type - Price EACH.**

61/220	13/16" x 1/16" x 0.035"	£14.88	Will fit 3" Marshall piston valve.
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## **Surplus stock All while stocks last. PLEASE CHECK AVAIABILITY.**

### **Cheese head screws – steel**

2 BA x 1/2	£1.00 for remaining approx 90 in stock.
2 BA x 1 7/8	£1.00 for remaining approx 60 in stock, maybe plated
6 BA x 1/8"	£1.00 pr 50
6 BA x 1/4"	£1.00 pr 50 – plated
8 BA x 3/32"	£1.00 pr 50
8 BA x 1/8"	£1.00 pr 50
8 BA x 9/16	£1.00 pr 50 (180 left in stock)
8 BA x 1 1/8	£1.30 pr 50 (550 left in stock)
10 BA x 1"	£2.00 for remaining approx 30 in stock

### **Slotted hexagon head – steel.**

8 BA x 3/4"	£1.00 pr 50
8 BA x 5/8"	£1.00 pr 50
8 BA x 7/8"	£1.00 pr 50

### **Pan head – steel**

8 BA x 1/4"	£1.00 pr 50
8 BA x 5/16"	£1.00 pr 50
8 BA x 3/8"	£1.00 pr 50
8 BA x 5/8"	£1.00 pr 100

### **Countersunk – steel.**

1 BA x 1 1/4"	£1.00 pr 10
4 BA x 1/2	£4.50 pr 50 – plated
5 BA x 1/2	£4.00 pr 100 (approx 14000 in stock) – plated
8 BA x 1/2	£4.50 pr 50 – plated
8 BA x 3/4	£4.50 pr 50 – plated (approx 160 in stock)
8 BA x 1 1/8	£1.00 pr 25
8 BA x 19/32"	£1.50 pr 50 – all have surface rust. (approx 1400 in stock)

### **Countersunk philips – steel.**

8 BA x 5/16"	£1.00 pr 100 (these have surface rust)
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8 BA hank bushes – steel (most have surface rust) £1.00 pr 25

8 BA plated steel nuts £1.00 pr 100

6BA double coil steel spring washers £1.50 per 100

### **Steel round head.**

4 BA x 2"	£2.00 pr 100 (over 2000 in stock but have surface rust)
8 BA x 3/16	£1.50 pr 50 - plated
8 BA x 1/4	£1.60 pr 50 – plated
8 BA x 1/2	£2.20 pr 50 – plated

Brass cheese head. 13 BA x 1/2" £6.00 for remaining approx 70 stock

### **Brass countersunk head**

2 BA x 5/8	£2.20 pr 50
8 BA x 1/8	£3.00 pr 50 – plated
8 BA x 1/2	£4.00 pr 50 – plated

10 BA x 1/4 brass studs £1.00 pr 50 (over 2000 in stock)

Copper round head rivets 1/8" x 3/4" £5.00 per 50 (approx 200 in stock)

**Nickel silver sheet** Approx 31" x 3 1/4" x 20g (0.036") £15.00 each (approx 20 in stock)

Copper nuts - 0.340" A/f hex x 0.140" thick - 1/8" BSW x 40 TPI	£1.00 Pr 25
Brass nuts - 0.250" A/f hex x 0.093" thick - 1/8" BSW x 40 TPI	£1.00 Pr 25

## Terms of Business.

1. Remittance with order please. Cheques made payable to Live Steam Models Ltd. We also accept payment by Credit or Debit card (not American Express, Sorry) for mail orders, Email / telephone orders and for personal callers. For BACS payments, please ask for our bank details.
2. Postage and packing is extra on all orders. Please allow sufficient, any surplus will be returned or credited as desired.
3. All U.K. orders are subject to V.A.T. (value added tax) at the current rate of 20.0%. This also applies to postage, except for books and magazines which are zero rated. Overseas orders from EC and non-EC member countries are zero rated for V A T.
4. Whilst every effort is made to maintain prices and specifications, we reserve the right to make changes in availability, prices and specifications without notice. We reserve the right to invoice goods at the prices ruling at the date of despatch.
5. Return or exchange of goods must be accompanied by proof of purchase, and in an unused and undamaged state. Goods ordered incorrectly may be exchanged subject to a 20% charge to cover administration. Goods must be returned by the Buyer at the Buyer's expense and should be adequately insured during the return journey.
6. Whilst every care has been taken to describe our goods correctly. Any errors are unintentional and will be amended if you advise us accordingly.
7. Sheet material can be cut to size if we are given prior notice.
8. With all materials, if the price is less than £1.50 per multiple, then not less than 2 multiples supplied.
9. Cutting charges will apply on small orders or multiple quantities of the same item.
10. RA = Recent Addition to range  
WSL = While Stocks Last, please check availability  
CA = please Check Availability, some sizes are becoming very difficult to obtain
11. Enquiries for items not listed in the catalogue are welcome.
12. Claims for non-delivery must be made within 7 days of invoice date.  
Claims for shortages and/or damage must be made **in writing** within **3 days** of delivery.
13. Where a claim of defect or damage is made the Goods shall be returned by the Buyer to the Seller. The Buyer shall be entitled to a full refund (including delivery costs) plus any return postal charges if the Goods are in fact defective.
14. Parts supplied that are not in our normal stock range, or manufactured to order cannot be returned for exchange or refund.
15. Credit notes on returned goods are valid for a period of 12 months only. After this period the amount will be written off. Please note that credits cannot be raised for goods after 60 days from invoice date.
16. PLEASE check your parcel upon delivery **BEFORE** signing as transport companies will not be held responsible for damaged items after they have been signed for.
17. Pipe sizes for fittings - the pipe sizes for all fittings are the pipe outside diameter – OD unless specified otherwise.
18. The material markets are very volatile with price fluctuations that are currently unpredictable. All prices in this catalogue are subject to change without notice. We reserve the right to invoice goods at the prices ruling at the date of despatch. Prices quoted are valid for 7 days only.
19. Castings – all our castings are cast using high quality materials. Although rare, castings can have small defects during the casting process. We are happy to exchange the casting in such circumstance. This is limited to the casting only. No claim will be accepted for any processes carried out on such casting. The limit of liability is 4 years from the date of purchase. Proof of purchase will be required together with the faulty casting.

# HOW TO FIND US

