

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.



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Copper.

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

| <u>Code</u> | | | <u>Code</u> | | |
|-------------|--------------|---------|-------------|--------------|----------|
| 03/010 | 1/16" x 28g | £ 1.61 | 03/036 | 1 1/4" x 10g | £ 68.25 |
| 03/011 | 3/32" x 24g | £ 2.59 | 03/037 | 1 1/4" x 16g | £ 21.78 |
| 03/012 | 1/8" x 22g | £ 2.65 | 03/038 | 1 3/8" x 16g | £ 25.41 |
| 03/070 | 5/32" x 20g | £ 2.98 | 03/039 | 1 1/2" x 16g | £ 27.96 |
| 03/013 | 5/32" x 22g | £ 2.98 | 03/040 | 1 1/2" x 10g | £ 52.28 |
| 03/014 | 3/16" x 22g | £ 3.57 | 03/041 | 1 3/4" x 16g | £ 29.04 |
| 03/015 | 3/16" x 16g | £ 10.33 | 03/042 | 1 3/4" x 10g | £ 65.34 |
| 03/016 | 1/4" x 20g | £ 4.60 | 03/043 | 2" x 16g | £ 64.90 |
| 03/017 | 1/4" x 16g | £ 9.83 | 03/044 | 2" x 10g | £ 82.77 |
| 03/018 | 5/16" x 20g | £ 6.27 | 03/045 | 2 1/4" x 16g | £ 46.83 |
| 03/019 | 5/16" x 16g | £ 15.93 | 03/046 | 2 1/2" x 16g | £ 47.95 |
| 03/020 | 3/8" x 20g | £ 7.86 | 03/047 | | |
| 03/021 | 3/8" x 16g | £ 17.45 | 03/048 | 3" x 16g | £ 78.67 |
| 03/022 | 7/16" x 20g | £ 9.35 | 03/049 | | |
| 03/023 | 7/16" x 16g | £ 17.45 | 03/050 | 3 1/4" x 16g | £ 79.00 |
| 03/024 | 1/2" x 18g | £ 13.12 | 03/051 | 3 1/2" x 16g | £ 84.70 |
| 03/025 | 1/2" x 16g | £ 17.40 | 03/052 | | |
| 03/026 | 9/16" x 20g | £ 14.80 | 03/053 | 4" x 16g | £ 102.40 |
| 03/027 | 5/8" x 20g | £ 15.05 | 03/054 | 4" x 10g | £ 236.87 |
| 03/028 | 5/8" x 18g | £ 15.67 | 03/071 | 4 1/2 x 13g | £ POA |
| 03/029 | 5/8" x 16g | £ 17.80 | 03/056 | 4 3/4" x 10g | £ POA |
| 03/030 | 3/4" x 18g | £ 17.48 | 03/057 | 5" x 10g | £ POA |
| 03/031 | 3/4" x 16g | £ 21.27 | 03/062 | 5" x 13g | £ POA |
| 03/063 | 3/4" x 12g | £ 22.60 | 03/058 | 5 1/4" x 10g | £ POA |
| 03/032 | 7/8" x 16g | £ 19.45 | 03/059 | 5 1/2" x 10g | £ POA |
| 03/033 | 1" x 18g | £ 19.26 | 03/060 | 6" x 10g | £ POA |
| 03/034 | 1" x 16g | £ 19.80 | 03/061 | 6 1/4" x 10g | £ POA |
| 03/035 | 1 1/8" x 16g | £ 23.40 | | | |

Section. Price per metre unless stated.

| <u>Code</u> | | | <u>Code</u> | | |
|-------------|-------------|---------|-------------|-------------|---------|
| 03/110 | 3/8" x 1/4" | £ 8.90 | 03/112 | 1/2" x 3/8" | £ 13.07 |
| 03/111 | 1" x 1/4" | £ 13.62 | 03/113 | 3/4" x 3/8" | £ 20.70 |

Round. Price per metre unless stated.

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|-------|--------|-------------|------|---------|-------------|--------|---------|
| 03/310 | 3mm | £ 5.50 | 03/314 | 3/8" | £ 11.24 | 03/318 | 7/8" | £ 31.05 |
| 03/311 | 3/16" | £ 6.90 | 03/315 | 1/2" | £ 12.90 | 03/319 | 1" | £ 41.83 |
| 03/312 | 1/4" | £ 8.65 | 03/316 | 5/8" | £ 20.88 | 03/320 | 1 1/4" | £ POA |
| 03/313 | 5/16" | £ 9.40 | 03/317 | 3/4" | £ 26.14 | 03/321 | 1 1/2" | £ POA |

Copper. Cont'd.

Square. Price per metre unless stated.

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|------|---------|-------------|------|--------|-------------|------|---------|
| 03/210 | 1/4" | £ 6.36 | 03/211 | 3/8" | £ 8.75 | 03/212 | 1/2" | £ 13.62 |
| 03/214 | 5/8" | £ 28.80 | | | | | | |

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

| <u>Code</u> | | | <u>Code</u> | | |
|-------------|------------|---------|-------------|-----------|---------|
| 03/410 | 26g (0.45) | £ 12.34 | 03/415 | 16g (1.6) | £ 23.01 |
| 03/411 | 24g (0.55) | £ 13.42 | 03/416 | 2.5mm | £ 34.45 |
| 03/412 | 22g (0.70) | £ 15.62 | 03/417 | 10g (3.0) | £ 46.20 |
| 03/413 | 20g (0.90) | £ 16.68 | 03/418 | 8g (4.0) | £ 49.80 |
| 03/414 | 18g (1.2) | £ 18.72 | 03/419 | 3/16" | £ 56.70 |

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 | £6.10 | 04/057 | 1" x 22g | £19.40 |
| 04/011 | | | 04/028 | 1" x 18g* | £21.08 |
| 04/012 | 1/8" x 22g | £6.40 | 04/029 | 1" x 16g | £23.38 |
| 04/013 | 5/32" x 22g | £9.66 | 04/058 | 1 1/8" x 16g | £28.38 |
| 04/014 | 3/16" x 22g | £7.20 | 04/030 | 1 3/8" x 16g | £41.60 |
| 04/015 | 1/4" x 22g | £7.28 | 04/031 | 1 1/2" x 20g | £40.20 WSL |
| 04/016 | 5/16" x 20g | £8.92 | 04/032 | 1 1/2" x 16g | £45.88 WSL |
| 04/017 | 3/8" x 22g | £10.33 | 04/033 | 1 3/4" x 20g | £44.35 |
| 04/018 | 3/8" x 18g* | £15.60 | 04/034 | 1 3/4" x 16g | £49.38 |
| 04/019 | | | 04/035 | 2" x 18g | £54.82 |
| 04/050 | 7/16" x 18g* | £16.92 | 04/036 | 2" x 10g | £82.90 |
| 04/020 | 1/2" x 20g | £11.31 | 04/037 | 2 1/4" x 16g | £64.90 |
| 04/021 | 1/2" x 18g* | £17.40 | 04/038 | 2 1/2" x 18g | £68.70 |
| 04/022 | 9/16" x 22g | £10.40 | 04/039 | 2 1/2" x 10g | £118.86 |
| 04/023 | 5/8" x 22g | £10.80 | 04/051 | 2 9/16" x 20g | £74.40 |
| 04/024 | 5/8" x 18g* | £18.12 | 04/040 | 3 1/4" x 10g | £104.55 |
| 04/025 | 3/4" x 22g | £10.85 | 04/041 | 3 1/2" x 16 g | £104.57 |
| 04/026 | 3/4" x 18g* | £18.82 | 04/043 | | |
| 04/056 | 7/8" x 22g | £14.53 | 04/044 | 5 1/2" x 10g | £ POA |
| 04/027 | 7/8" x 18g* | £19.34 | 04/045 | 6" x 10g | £ POA |

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

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|---------|-----------|-------------|-------|---------|-------------|--------|-----------|
| 04/210 | 0.050 | £ 2.65 | 04/215 | 1/4" | £ 4.51 | 04/220 | 5/8" | £ 19.25 |
| 04/211 | 0.1050" | £ 3.01 CA | 04/216 | 5/16" | £ 4.72 | 04/221 | 3/4" | £ 34.83 |
| 04/212 | 3/32" | £ 5.50 | 04/217 | 3/8" | £ 10.89 | 04/222 | 1" | £ 69.39 |
| 04/213 | 1/8" | £ 3.40 | 04/218 | 7/16" | £ 8.36 | 04/224 | 1 1/4" | £ 3.03 Φ |
| 04/226 | 4 mm | £ 3.81 | 04/219 | 1/2" | £ 17.97 | 04/225 | 2" | £ 7.05 Φ |
| 04/214 | 3/16" | £ 4.53 | | | | 04/223 | 3" | £ 13.74 Φ |

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 | £1.45 | 04/143 | 1 1/2" | x 3/16" | £29.86 |
| 04/115 | 1/4" | x 21g | £1.60 | RA | 2" | x 3/16" | £18.50 |
| RA | 5/16" | x 21g | £1.75 | 04/144 | 3" | x 3/16" | £26.87 |
| 04/111 | 3/16" | x 20g | £1.50 | RA | 3/8" | x 1/4" | £8.85 |
| RA | 3/8" | x 20g | £3.54 | 04/150 | 1/2" | x 1/4" | £9.30 |
| 04/119 | 1/2" | x 20g | £3.72 | 04/151 | 5/8" | x 1/4" | £17.29 |
| 04/116 | 1/4" | x 18g | £1.55 | 04/190 | 3/4" | x 1/4" | £17.90 |
| 04/117 | 1/4" | x 16g | £2.73 | 04/152 | 1" | x 1/4" | £25.13 |
| 04/118 | 3/8" | x 16g | £4.25 | 04/153 | 1 1/4" | x 1/4" | £29.78 |
| 04/120 | 12mm x 1.6mm | | £2.99 | 04/154 | 2" | x 1/4" | £43.35 |
| 04/125 | 3/4" | x 16g | £4.36 | 04/155 | 3" | x 1/4" | £47.19 |
| 04/126 | 1" | x 16g | £7.71 | 04/156 | 3 1/4" | x 1/4" | £51.91 |
| 04/127 | 1 1/4" | x 16g | £8.05 | 04/157 | 4" | x 1/4" | £64.68 |
| RA | 3/4" | x 3/32" | £10.22 | RA | 3/4" | x 5/16" | £14.20 |
| 04/130 | 1/4" | x 1/8" | £5.40 | RA | 1 1/2" | x 5/16" | £55.54 |
| 04/131 | 3/8" | x 1/8" | £7.28 | 04/159 | 1/2" | x 3/8" | £20.90 |
| 04/132 | 1/2" | x 1/8" | £9.32 | 04/160 | 3/4" | x 3/8" | £22.85 |
| 04/133 | 3/4" | x 1/8" | £12.43 | 04/161 | 7/8" | x 3/8" | £23.62 |
| 04/134 | 1" | x 1/8" | £14.30 | 04/165 | 1 1/2" | x 3/8" | £53.93 |
| 04/135 | 1 1/2" | x 1/8" | £16.87 | 04/170 | 5/8" | x 1/2" | £26.85 |
| RA | 1 3/4" | x 1/8" | £17.82 | 04/171 | 3/4" | x 1/2" | £33.82 |
| 04/136 | 2" | x 1/8" | £24.36 | 04/172 | 1" | x 1/2" | £43.71 |
| 04/137 | 4" | x 1/8" | £42.81 | 04/173 | 1 1/2" | x 1/2" | £55.68 |
| 04/141 | 1/4" | x 3/16" | £4.36 | 04/174 | 5" | x 1/2" | £ POA |
| 04/142 | 3/8" | x 3/16" | £7.26 | 04/180 | 3 1/2" | x 3/4" | £ POA |
| 04/167 | 1/2" | x 3/16" | £8.72 | 04/185 | 4" | x 1" | £ POA |
| RA | 3/4" | x 3/16" | £9.80 | | | | |
| RA | 1" | x 3/16" | £18.07 | | | | |

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" | £2.82 | | | | | |
| 04/310 | 7/64" | £2.82 | 04/320 | 9/16" | £18.15 | 04/330 | 1 3/4" £4.50 Φ |
| 04/311 | 1/8" | £1.85 | 04/321 | 5/8" | £20.50 | 04/331 | 2" £4.93 Φ |
| 04/312 | 5/32" | £1.90 | 04/322 | 3/4" | £31.90 | 04/332 | 2 1/4" £5.30 Φ |
| 04/313 | 3/16" | £2.82 | 04/323 | 7/8" | £38.57 | 04/333 | 2 1/2" £6.10 Φ |
| 04/314 | 1/4" | £3.63 | 04/324 | 1" | £50.97 | 04/334 | 2 3/4" £8.07 Φ |
| 04/315 | 5/16" | £5.76 | 04/325 | 1 1/8" | £62.50 | 04/335 | 3" £10.68 Φ |
| 04/316 | 3/8" | £8.26 | 04/326 | 1 1/4" | £2.34 Φ | 04/336 | 3 1/4" £15.78 Φ |
| 04/317 | 10mm | £12.60 | 04/327 | 1 3/8" | £2.53 Φ | 04/337 | 3 1/2" £15.96 Φ |
| 04/318 | 7/16" | £12.60 | 04/328 | 1 1/2" | £2.63 Φ | 04/338 | 3 3/4" £16.25 Φ |
| 04/319 | 1/2" | £15.14 | 04/329 | 1 5/8" | £3.72 Φ | 04/339 | 4" £18.92 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 | 1/8" | £1.85 | 04/516 | 3/8" | £9.73 | 04/521 | 3/4" £35.75 |
| 04/511 | 5/32" | £1.95 | 04/517 | 7/16" | £13.90 | 04/523 | 7/8" £44.85 |
| 04/512 | 4mm | £1.95 | 04/518 | 1/2" | £14.55 | 04/524 | 0.920" £44.85wsl |
| 04/513 | 3/16" | £2.05 | 04/530 | 9/16" | £19.35 | 04/525 | 1" £50.25 |
| 04/514 | 1/4" | £2.91 | 04/519 | 5/8" | £26.40 | 04/526 | 1 1/4" £52.28 |
| 04/515 | 5/16" | £6.44 | | | | 04/528 | 1 1/2" £3.79 Φ |

Brass Cont'd.

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

| <u>Code</u> | <u>Code</u> | <u>Code</u> |
|--------------------------|--------------------|--------------------|
| 04/610 0.068" £2.75 | 04/614 3/16" £4.00 | 04/617 1/2" £10.40 |
| 04/611 3/32" £2.80 | 04/615 1/4" £4.95 | 04/619 5/8" £12.20 |
| 04/612 3mm x 1.5mm £3.10 | 04/616 3/8" £7.75 | 04/618 3/4" £13.12 |
| 04/613 5/32" £3.50 | | |

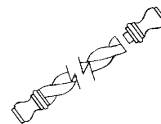
Angle. Price per metre unless stated

| <u>Code</u> | <u>Code</u> |
|-----------------------------------|-----------------------------------|
| 04/710 1/4 x 1/4 x 1/16" £6.75 | 04/716 1 x 1 x 1/16" £24.21 |
| 04/711 5/16 x 5/16 x 1/16" £10.49 | 04/717 1/2 x 1/2 x 1/8" £13.77 |
| 04/712 3/8 x 3/8 x 1/16" £11.42 | 04/718 5/8 x 5/8 x 1/8" £15.62 |
| 04/713 1/2 x 1/2 x 1/16" £11.80 | 04/719 3/4 x 3/4 x 1/8" £19.40 |
| 04/714 5/8 x 5/8 x 1/16" £11.86 | 04/720 1 x 1 x 1/8" £44.16 |
| 04/715 3/4 x 3/4 x 1/16" £15.30 | 04/721 3/4 x 3/4 x 1/4 £24.10 WSL |

Square Tube. Price per metre unless stated

| <u>Code</u> | <u>Code</u> |
|-------------------------------|---------------------------|
| 04/250 1/2 x 1/2 x 18g £13.07 | 04/252 1 x 1 x 18g £20.05 |
| 04/251 3/4 x 3/4 x 18g £17.43 | |

Twisted Square Price as advised. (Used on showman's engines and fair ground models).



Price pr 600mm length

| <u>Code</u> | <u>Code</u> | <u>Code</u> |
|------------------------|------------------------|-------------------------|
| 04/275 3/32" A/F £6.57 | 04/278 3/16" A/F £6.40 | 04/282 3/8" A/F £10.26 |
| 04/276 1/8" A/F £6.57 | 04/280 1/4" A/F £6.70 | 04/283 7/16" A/F £11.40 |
| 04/277 5/32" A/F £6.57 | 04/281 5/16" A/F £7.90 | 04/284 1/2" A/F £14.70 |

Price pr metre unless stated.

| | | |
|------------------------|------------------------|--------------------------|
| 04/286 1/2" A/C £28.27 | 04/295 7/8" A/C £45.10 | 04/289 1 1/4" A/C £54.14 |
| 04/287 3/4" A/C £35.42 | 04/288 1" A/C £48.62 | 04/290 1 1/2" A/C £56.20 |

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 12 feet (4metres)
It is also hollow.

Channel. Price per metre unless stated

| <u>Code</u> | <u>Code</u> |
|---------------------------------|------------------------------------|
| 04/810 3/8 x 3/8 x 1/16" £9.35 | 04/812 5/8 x 5/8 x 1/8" £15.61 WSL |
| 04/811 1/2 x 1/2 x 1/16" £12.63 | |

Brass Cont'd.

'T' Section. Price per metre unless stated

| <u>Code</u> | | | <u>Code</u> | | |
|-------------|-------------------|--------|-------------|--------------|--------|
| 04/940 | 3/4 x 3/4" x 1/8" | £27.36 | 04/941 | 1 x 1 x 1/8" | £34.24 |

Wire (round). In 3 metre lengths.

| <u>Code</u> | | | <u>Code</u> | | |
|-------------|------|-------|-------------|-----|-------|
| 04/910 | 16 g | £4.85 | 04/913 | 22g | £4.60 |
| 04/911 | 18g | £4.65 | 04/914 | 2mm | £5.00 |
| 04/912 | 20g | £4.60 | | | |

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

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|-------------|--------|-------------|-------------|--------|-------------|----------------|--------|
| 04/410 | 26g (.45mm) | £7.44 | 04/413 | 20g (.90mm) | £12.70 | 04/416 | 13/12g (2.5mm) | £36.20 |
| 04/411 | 24g (.55mm) | £8.11 | 04/414 | 18g (1.2mm) | £13.36 | 04/417 | 10g (3.0mm) | £39.30 |
| 04/412 | 22g (.70mm) | £11.19 | 04/415 | 1.5mm | £20.65 | | | |

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

| <u>Code</u> | | | <u>Code</u> | | |
|-------------|-------------------------------------------|-------|-------------|--------------------------|-------|
| 04/450 | up to 3/4" wide | £4.50 | 04/451 | above 3/4" upto 1 1/4" | £6.00 |
| | Wider widths can be cut, ask for details. | | 04/452 | above 1 1/4" upto 1 3/4" | £7.50 |

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

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|-------------|--------|-------------|-------------|--------|-------------|-------------|-------|
| 04/430 | 18g (1.2mm) | £9.14 | 04/433 | 12g (2.5mm) | £36.20 | 04/435 | 5/32" (4mm) | £ POA |
| 04/431 | 16g (1.6mm) | £11.56 | 04/434 | 10g (3.0mm) | £39.30 | 04/436 | 3/16" | £ POA |
| 04/432 | 14g (2.0mm) | £ POA | | | | | | |

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

| <u>Code</u> | | | <u>Code</u> | | |
|-------------|--------------------|-------|-------------|--------------------|-------|
| 04/930 | 80 mesh x 39g wire | £7.27 | 04/931 | 20 mesh x 28g wire | £7.27 |

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

Round (Solid). Price Per 25mm

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|------|-------|-------------|--------|-------|-------------|--------|--------|
| 05/310 | 1/2" | £0.64 | 05/314 | 1 1/4" | £3.94 | 05/318 | 2" | £8.22 |
| 05/311 | 5/8" | £0.94 | 05/315 | 1 3/8" | £4.50 | 05/319 | 2 1/2" | £11.25 |
| 05/312 | 3/4" | £1.56 | 05/316 | 1 1/2" | £5.63 | 05/320 | 3" | £15.88 |
| 05/313 | 1" | £2.23 | 05/317 | 1 3/4" | £6.55 | 05/322 | 3 1/2" | £19.52 |

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

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|-----------------|--------|-------------|-----------------|--------|-------------|-----------------|--------|
| 05/340 | 1" x 1/2" | £2.69 | 05/347 | 2" x 1 1/4" | £8.81 | | 3 1/2" x 2 3/4" | £10.84 |
| 05/341 | 1 1/4" x 1/2" | £3.89 | 05/348 | 2" x 1 1/2" | £7.54 | 05/358 | 3 1/2 x 3" | £9.58 |
| WSL | 1 1/4" x 3/4" | £3.25 | 05/349 | 2 1/4" x 1 1/2" | £8.85 | | 4" x 2" | £22.12 |
| 05/342 | 1 1/2" x 3/4" | £4.41 | 05/350 | 2 1/2" x 1 1/2" | £10.76 | 05/355 | 4" x 3" | £17.80 |
| 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" | £15.62 |
| 05/344 | 1 3/4" x 1" | £6.49 | 05/352 | 2 3/4" x 2" | £9.40 | 05/357 | 4 1/2" x 3 1/2" | £19.22 |
| 05/345 | 1 3/4" x 1 1/4" | £6.10 | 05/353 | 3" x 2 1/2" | £9.24 | 05/359 | 5 1/2" x 3 1/2" | £27.20 |
| 05/346 | 2" x 3/4" | £10.54 | 05/354 | 3 1/4" x 2 3/4" | £9.30 | | | |

Cast Gunmetal (LG2).

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

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|------|-------|-------------|--------|--------|-------------|----|--------|
| 05/385 | 1/2" | £1.15 | 05/388 | 1 1/4" | £5.70 | 05/391 | 2" | £14.29 |
| 05/386 | 3/4" | £2.30 | 05/389 | 1 1/2" | £9.16 | 05/395 | 3" | £32.28 |
| 05/387 | 1" | £3.56 | 05/390 | 1 3/4" | £10.46 | | | |

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

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|------|-------|-------------|----|-------|-------------|--------|-------|
| 05/225 | 1/2" | £2.02 | 05/227 | 1" | £6.08 | 05/228 | 1 1/4" | £7.16 |
| 05/226 | 3/4" | £4.27 | | | | | | |

Phosphor Bronze (Drawn PB 102).

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

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|-------|--------|-------------|-------|--------------|-------------|--------|---------------|
| 05/360 | 1/8" | £4.15 | 05/366 | 7/16" | £27.95 | 05/371 | 1 1/8" | £4.80 Φ |
| 05/361 | 5/32" | £4.18 | 05/367 | 1/2" | £43.53 | 05/372 | 1 1/4" | £6.04 Φ |
| 05/362 | 3/16" | £6.60 | 05/368 | 5/8" | £56.00 | 05/373 | 1 1/2" | £8.07 Φ |
| 05/363 | 1/4" | £9.02 | 05/369 | 3/4" | £3.22 Φ | 05/374 | 1 3/4" | £9.22 Φ |
| 05/364 | 5/16" | £11.81 | 05/370 | 1" | £3.49 Φ | 05/375 | 2" | £10.45 Φ |
| 05/365 | 3/8" | £21.82 | | | | | | |

Larger sizes ideal bearings with hard shafts and heavy loads.

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

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | | | | |
|-------------|------|--------|--------------|--------|--------|-------------|--------------|--------|--------|------|--------------|
| 05/110 | 3/4" | x 3mm | £22.70 | 05/114 | 5 1/4" | x 1/4" | £4.18 Φ | 05/118 | 1 1/2" | x 1" | £ POA Φ |
| 05/111 | 1" | x 3mm | £30.40 | 05/115 | 3" | x 3/8" | £5.42 Φ | 05/119 | 4" | x 1" | £ POA Φ |
| 05/112 | 1" | x 1/4" | £62.70 | 05/116 | 3" | x 1/2" | £7.00 Φ | | | | |
| 05/113 | 3" | x 1/4" | £4.99 Φ | | | | | | | | |

Hexagon. Per metre unless stated

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|--------------|--------|-------------|--------|------------|-------------|-------|---------|
| 05/510 | Unobtainable | | 05/513 | 1/2" | £35.51 | 05/516 | 3/4" | £75.01 |
| 05/520 | | | 05/514 | 0.525" | £35.55 WSL | RA | 1" | £84.66 |
| 05/511 | 10mm | £28.97 | RA | .600" | £78.67 | 05/517 | 1.01" | £104.67 |
| 05/512 | 7/16" | £30.97 | 05/515 | 5/8" | £84.00 | 05/518 | 1.2" | £124.50 |

Round Spring Wire. Per coil (3 metres).

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> |
|-------------|--------------|-------|-------------|--------------|-------|-------------|
| 05/908 | 30g (0.012") | £5.75 | 05/911 | 24g (0.022") | £5.75 | |
| 05/910 | 26g (0.018") | £5.75 | 05/912 | 22g (0.028") | £5.75 | |

Square. Per metre unless stated. (Φ price pr 25mm length)

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|------|--------|-------------|----|--------------|-------------|--------|---------------|
| 05/211 | 1/2" | £37.18 | 05/213 | 1" | £3.75 Φ | 05/217 | 1 3/4" | £17.50 Φ |
| 05/212 | 3/4" | £37.66 | | | | | | |

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

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|-------|-------|-------------|--------|--------|-------------|-------|--------|
| 06/310 | 1/16" | £0.70 | 06/335 | 9/16" | £7.84 | 06/312 | 2mm | £1.04 |
| 06/311 | 3/32" | £0.70 | 06/331 | 5/8" | £8.95 | 06/351 | 2.5mm | £1.04 |
| 06/313 | 1/8" | £0.78 | 06/332 | 3/4" | £12.57 | 06/336 | 3mm | £1.08 |
| 06/314 | 5/32" | £1.20 | 06/370 | 7/8" | £16.41 | 06/315 | 4mm | £1.35 |
| 06/316 | 3/16" | £1.30 | 06/333 | 1" | £19.98 | 06/317 | 5mm | £1.84 |
| 06/318 | 7/32" | £1.95 | 06/371 | 1 1/8" | £20.86 | 06/319 | 6mm | £2.59 |
| 06/320 | 1/4" | £2.42 | 06/334 | 1 1/4" | £31.74 | 06/322 | 7mm | £2.31 |
| 06/321 | 9/32" | £3.02 | 06/372 | 1 3/8" | £33.20 | 06/324 | 8mm | £3.27 |
| 06/325 | 5/16" | £3.27 | 06/373 | 1 1/2" | £45.07 | 06/327 | 10mm | £5.38 |
| 06/326 | 3/8" | £4.91 | 06/374 | 1 3/4" | £58.97 | 06/328 | 11mm | £5.50 |
| 06/329 | 7/16" | £5.15 | 06/375 | 2" | £67.97 | 06/340 | 12mm | £7.87 |
| 06/330 | 1/2" | £6.19 | | | | 06/342 | 14mm | £8.14 |
| | | | | | | 06/344 | 16mm | £9.36 |
| | | | | | | 06/348 | 20mm | £13.93 |
| | | | | | | 06/353 | 25mm | £21.58 |

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. £2.86 | 06/362 | 3/16" £4.71 |

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" £8.90 | 06/212 | 3/8" £9.85 | 06/214 | 7/16" £10.40 |
| 06/213 | 10mm £9.85 | | | | |

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" £8.00 | 07/119 | 2" x 1/8" £15.89 | 07/128 | 4" x 3/16" £21.35 |
| 07/112 | 1" x 1/16" £11.62 | 07/120 | 4" x 1/8" £20.15 | 07/129 | 1/2" x 1/4" £12.44 |
| 07/113 | 2" x 1/16" £18.72 | 07/121 | 6" x 1/8" £28.40 | 07/130 | 1" x 1/4" £16.70 |
| 07/114 | 3" x 1/16" £26.08 | 07/122 | 1/2" x 3/16" £12.56 | 07/131 | 2" x 1/4" £17.40 |
| 07/115 | 1" x 3/32" £11.52 | 07/123 | 3/4" x 3/16" £9.70 | 07/134 | 3" x 1/4" £23.30 |
| 07/116 | 2" x 3/32" £22.36 | 07/124 | 1" x 3/16" £12.10 | 07/132 | 2" x 5/16" £20.90 |
| 07/117 | 1/2" x 1/8" £11.62 | 07/125 | 2" x 3/16" £16.55 | 07/133 | 2" x 3/8" £26.38 |
| 07/118 | 1" x 1/8" £11.90 | 07/126 | 2 1/2" x 3/16" £18.63 | WSL | 3/4" x 1/2" £18.00 |
| | | 07/127 | 3" x 3/16" £19.40 | WSL | 4" x 1/2" £52.30 |
| 07/150 | 25mm x 1mm £9.26 | 07/156 | 75mm x 1.5mm £18.50 | 07/142 | 20mm x 3mm £8.30 |
| 07/151 | 50mm x 1mm £12.00 | 07/157 | 100mm x 1.5mm £25.10 | 07/162 | 25mm x 3mm £9.10 |
| 07/152 | 75mm x 1mm £18.00 | 07/158 | 25mm x 2mm £9.70 | 07/163 | 50mm x 3mm £15.05 |
| 07/153 | 100mm x 1mm £24.50 | 07/159 | 50mm x 2mm £13.70 | 07/143 | 60mm x 3mm £16.84 |
| 07/154 | 25mm x 1.5mm £8.70 | 07/160 | 75mm x 2mm £19.60 | 07/164 | 75mm x 3mm £20.40 |
| 07/155 | 50mm x 1.5mm £12.40 | 07/161 | 100mm x 2mm £25.70 | 07/165 | 100mm x 3mm £26.30 |

Square Imperial 18" length

| <u>Code</u> | | <u>Code</u> | | <u>Code</u> | |
|-------------|--------------|-------------|-------------|-------------|-------------|
| 07/201 | 3/16" £11.45 | 07/203 | 3/8" £14.58 | 07/204 | 1/2" £18.70 |
| 07/202 | 1/4" £12.51 | | | | |

Square Metric 500mm length

| | | | | | |
|--------|-----------|--------|--------|-------------|--------|
| 07/240 | 8mm x 8mm | £12.30 | 07/241 | 10mm x 10mm | £13.70 |
|--------|-----------|--------|--------|-------------|--------|

Steel

Bright Section Per metre unless stated

| <u>Code</u> | | | | <u>Code</u> | | | | <u>Code</u> | | | |
|-------------|--------------|---------|--------|-------------|--------|---------|--------|-------------|--------|----------|--------|
| 09/101 | 1/4" | x 1/16" | £1.00 | 09/156 | 3/8" | x 1/4" | £4.88 | 09/198 | 3/4" | x 1/2" | £9.36 |
| 09/102 | 3/8" | x 1/16" | £1.15 | 09/157 | 1/2" | x 1/4" | £2.51 | 09/199 | 1" | x 1/2" | £8.40 |
| 09/103 | 1/2" | x 1/16" | £1.30 | 09/158 | 5/8" | x 1/4" | £3.20 | 09/1100 | 1 1/4" | x 1/2" | £11.92 |
| 09/104 | 3/4" | x 1/16" | £1.60 | 09/159 | 3/4" | x 1/4" | £3.68 | 09/1101 | 1 1/2" | x 1/2" | £14.30 |
| 09/105 | 1" | x 1/16" | £2.00 | 09/160 | 1" | x 1/4" | £4.76 | 09/1130 | 1 3/4" | x 1/2" | £14.80 |
| 09/109 | 3/8" | x 3/32" | £3.10 | 09/161 | 1 1/4" | x 1/4" | £4.66 | 09/1102 | 2" | x 1/2" | £15.05 |
| 09/110 | 1/2" | x 3/32" | £3.28 | 09/162 | 1 1/2" | x 1/4" | £6.60 | 09/1103 | 2 1/4" | x 1/2" | £17.16 |
| 09/111 | 3/4" | x 3/32" | £3.46 | 09/163 | 1 3/4" | x 1/4" | £6.80 | 09/1104 | 2 1/2" | x 1/2" | £18.09 |
| 09/119 | Unobtainable | | | 09/164 | 2" | x 1/4" | £8.06 | 09/1105 | 2 3/4" | x 1/2" | £19.48 |
| 09/120 | 1/4" | x 1/8" | £3.00 | 09/165 | 2 1/4" | x 1/4" | £9.50 | 09/1106 | 3" | x 1/2" | £18.33 |
| 09/121 | 3/8" | x 1/8" | £3.30 | 09/166 | 2 1/2" | x 1/4" | £11.59 | 09/1107 | 3 1/2" | x 1/2" | £22.36 |
| 09/122 | 1/2" | x 1/8" | £1.32 | 09/167 | 2 3/4" | x 1/4" | £11.65 | 09/1108 | 4" | x 1/2" | £34.83 |
| 09/123 | 5/8" | x 1/8" | £1.37 | 09/168 | 3" | x 1/4" | £13.54 | 09/1109 | 6" | x 1/2" | £50.48 |
| 09/124 | 3/4" | x 1/8" | £1.84 | 09/169 | 3 1/2" | x 1/4" | £18.92 | 09/1110 | 3/4" | x 5/8" | £6.98 |
| 09/125 | 1" | x 1/8" | £3.00 | 09/170 | 4" | x 1/4" | £19.10 | 09/1111 | 1" | x 5/8" | £9.11 |
| 09/126 | 1 1/8" | x 1/8" | £2.70 | 09/171 | 4 1/2" | x 1/4" | £21.80 | 09/1112 | 1 1/4" | x 5/8" | £12.62 |
| 09/127 | 1 1/4" | x 1/8" | £2.85 | 09/172 | 6" | x 1/4" | £24.62 | 09/1113 | 1 1/2" | x 5/8" | £18.24 |
| 09/128 | 1 1/2" | x 1/8" | £4.68 | 09/173 | 1/2" | x 5/16" | £2.58 | 09/1114 | 2" | x 5/8" | £28.50 |
| 09/129 | 1 3/4" | x 1/8" | £4.32 | 09/174 | 5/8" | x 5/16" | £3.58 | 09/1115 | 3" | x 5/8" | £32.44 |
| 09/130 | 2" | x 1/8" | £4.48 | 09/175 | 3/4" | x 5/16" | £4.29 | 09/1116 | 1" | x 3/4" | £16.06 |
| 09/131 | 2 1/2" | x 1/8" | £10.96 | 09/176 | 1" | x 5/16" | £6.40 | 09/1117 | 1 1/2" | x 3/4" | £24.06 |
| 09/132 | 2 3/4" | x 1/8" | £4.99 | 09/177 | 1 1/4" | x 5/16" | £6.55 | 09/1118 | 2" | x 3/4" | £18.24 |
| 09/133 | 3" | x 1/8" | £5.39 | 09/178 | 1 1/2" | x 5/16" | £7.52 | 09/1119 | 2 1/2" | x 3/4" | £27.89 |
| 09/134 | | | | 09/179 | 2" | x 5/16" | £8.58 | 09/1120 | 3" | x 3/4" | £30.40 |
| 09/135 | 4" | x 1/8" | £10.50 | 09/180 | 2 1/2" | x 5/16" | £10.05 | 09/1121 | 4" | x 3/4" | £33.61 |
| 09/138 | 6" | x 1/8" | £14.62 | 09/181 | 3" | x 5/16" | £14.30 | 09/1122 | 1 1/4" | x 1" | £16.31 |
| 09/140 | 3/8" | x 3/16" | £3.10 | 09/182 | 4" | x 5/16" | £15.09 | 09/1123 | 1 1/2" | x 1" | £26.40 |
| 09/141 | 1/2" | x 3/16" | £3.55 | 09/183 | 1/2" | x 3/8" | £5.60 | 09/1124 | 2" | x 1" | £28.60 |
| 09/142 | 5/8" | x 3/16" | £4.00 | 09/184 | 5/8" | x 3/8" | £6.00 | 09/1125 | 2 1/2" | x 1" | £39.33 |
| 09/143 | 3/4" | x 3/16" | £4.33 | 09/185 | 3/4" | x 3/8" | £6.20 | 09/1126 | 3" | x 1" | £44.70 |
| 09/144 | 1" | x 3/16" | £4.52 | 09/186 | 1" | x 3/8" | £6.58 | 09/1131 | 4" | x 1" | £62.50 |
| 09/145 | 1 1/4" | x 3/16" | £4.83 | 09/187 | 1 1/4" | x 3/8" | £7.59 | 09/1127 | 2" | x 1 1/2" | £51.70 |
| 09/146 | 1 1/2" | x 3/16" | £5.55 | 09/188 | 1 1/2" | x 3/8" | £7.72 | 09/1128 | 2" | x 1 3/4" | £ POA |
| 09/147 | 1 3/4" | x 3/16" | £6.63 | 09/189 | 1 3/4" | x 3/8" | £8.25 | 09/1129 | 2 1/2" | x 1 3/4" | £ POA |
| 09/148 | 2" | x 3/16" | £7.36 | 09/190 | 2" | x 3/8" | £11.36 | | | | |
| 09/149 | 2 1/2" | x 3/16" | £7.52 | 09/191 | 2 1/2" | x 3/8" | £13.59 | | | | |
| 09/150 | 3" | x 3/16" | £9.66 | 09/192 | 3" | x 3/8" | £15.05 | | | | |
| 09/151 | 3 1/2" | x 3/16" | £10.73 | 09/193 | 4" | x 3/8" | £29.46 | | | | |
| 09/152 | 4" | x 3/16" | £20.80 | 09/194 | 5" | x 3/8" | £32.40 | | | | |
| 09/153 | 4 1/2" | x 3/16" | £32.78 | 09/195 | 6" | x 3/8" | £44.34 | | | | |
| 09/154 | | | | 09/196 | 3/4" | x 7/16" | £8.42 | | | | |
| 09/155 | 6" | x 3/16" | £19.67 | 09/197 | 5/8" | x 1/2" | £8.65 | | | | |

Bright Section Packs approx 20% less than individual lengths, each length is 1 metre.

| | | | | | |
|---------|-----------------------------------|--------|---------|-------------------------------------------------|--------|
| 09/1150 | 1/16 x 1/4, 3/8, 1/2, 3/4, 1" | £5.57 | 09/1156 | 1/4 x 1 1/4, 1 1/2, 1 3/4, 2" | £20.63 |
| 09/1151 | 1/8 x 1/4, 3/8, 1/2, 5/8, 3/4, 1" | £10.60 | 09/1157 | 1/2 x 3/8, 5/16, 1/4, 3/16, 1/8 | £8.75 |
| 09/1152 | 1/8 x 1 1/4, 1 1/2, 1 3/4, 2" | £12.90 | 09/1158 | 5/8 x 1/2, 3/8, 5/16, 1/4, 3/16, 1/8 | £19.17 |
| 09/1153 | 3/16 x 3/8, 1/2, 5/8, 3/4, 1" | £8.36 | | | |
| 09/1154 | 3/16 x 1 1/4, 1 1/2, 1 3/4, 2" | £19.32 | 09/1159 | 3/4 x 5/8, 1/2, 3/8, 5/16, 1/4, 3/16, 1/8, 1/16 | £39.45 |
| 09/1155 | 1/4 x 3/8, 1/2, 5/8, 3/4, 1" | £15.03 | | | |

Steel Cont'd

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

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|-------|--------|-------------|--------|--------------|-------------|--------|---------------------|
| 09/950 | 12mm | x 5mm | £1.40 | 09/955 | 20mm x 12mm | £6.46 | 09/960 | 70mm x 30mm £44.46 |
| 09/951 | 50mm | x 8mm | £8.60 | 09/956 | 125mm x 16mm | £41.23 | 09/961 | 110mm x 30mm £63.74 |
| 09/952 | 45mm | x 10mm | £8.25 | 09/957 | 60mm x 20mm | £21.13 | 09/962 | |
| 09/953 | 55mm | x 10mm | £12.42 | 09/958 | 45mm x 25mm | £20.02 | 09/963 | 160mm x 50mm £ POA |
| 09/954 | 125mm | x 10mm | £32.23 | 09/959 | 50mm x 30mm | £33.28 | 09/964 | 140mm x 140mm £ POA |

Bright Square (EN3B) Per metre unless stated

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|-------|-------|-------------|--------|--------|-------------|--------|---------|
| 09/201 | | | 09/208 | 5/8" | £5.63 | 09/216 | 2 1/4" | £88.00 |
| 09/202 | 3/16" | £1.00 | 09/209 | 3/4" | £8.82 | 09/217 | 2 1/2" | £91.14 |
| 09/203 | 1/4" | £1.11 | 09/210 | 7/8" | £13.48 | 09/218 | 2 3/4" | £132.00 |
| 09/204 | 5/16" | £2.08 | 09/211 | 1" | £10.99 | 09/230 | 3" | £ POA |
| 09/205 | 3/8" | £3.66 | 09/212 | 1 1/4" | £22.12 | 09/219 | 3 1/4" | £ POA |
| 09/206 | 7/16" | £3.92 | 09/213 | 1 1/2" | £33.30 | 09/220 | 3 1/2" | £ POA |
| 09/207 | 1/2" | £4.57 | 09/214 | 1 3/4" | £37.20 | 09/221 | 4" | £ POA |
| | | | 09/215 | 2" | £47.77 | 09/222 | 4 1/2" | £ POA |

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" | £1.41 | 09/314 | 3/4" | £7.33 | 09/325 | 2 1/2" | £57.23 |
| 09/303 | 1/8" | £1.52 | | 7/8" | £8.45 | 09/326 | 2 3/4" | £83.38 |
| 09/304 | 5/32" | £1.80 | 09/317 | 1" | £9.10 | 09/327 | 3" | £85.97 |
| 09/305 | 3/16" | £2.03 | 09/318 | 1 1/8" | £16.00 | 09/328 | 3 1/2" | £95.33 |
| 09/306 | 1/4" | £2.40 | 09/319 | 1 1/4" | £16.44 | 09/329 | 4" | £167.20 |
| 09/307 | 5/16" | £3.23 | 09/320 | 1 3/8" | £21.01 | 09/330 | 4 1/2" | £182.13 |
| 09/308 | 3/8" | £3.33 | 09/321 | 1 1/2" | £18.20 | 09/331 | 4 3/4" | £189.00 |
| 09/310 | 7/16" | £3.94 | | 1 5/8 | £27.46 | 09/332 | 5" | £ POA |
| 09/311 | 1/2" | £4.24 | 09/322 | 1 3/4" | £33.70 | 09/333 | 5 1/4" | £ POA |
| 09/312 | 5/8" | £6.45 | 09/323 | 2" | £40.00 | 09/334 | 6" | £ POA |
| | 9/16" | £5.50 | 09/324 | 2 1/4" | £51.33 | 09/336 | 7" | £ POA |

Round Metric. Per metre unless stated (2mm to 12mm – EN3B,18 and up EN1A).

| <u>Code</u> | | | | | | | | |
|-------------|-------|-------|--------|-------|-------|--------|------|--------|
| | 2 mm | £1.40 | | 4.5mm | £2.03 | 09/315 | 22mm | £8.98 |
| | 3 mm | £1.52 | | 12mm | £3.20 | 09/316 | 25mm | £10.30 |
| | 3.5mm | £1.65 | 09/313 | 18mm | £7.30 | | 42mm | £25.67 |
| | 4mm | £1.80 | | | | | | |

Bright Angle (Drawn) Per metre unless stated

| <u>Code</u> | | | <u>Code</u> | | |
|-------------|-------------|-------|-------------|--------|--------------------------|
| 09/700 | 12mm x 12mm | x 3mm | £2.80* | 09/709 | 32mm x 32mm x 6mm £17.92 |
| 09/715 | 16mm x 16mm | x3mm | £6.58 | 09/705 | 40mm x 40mm x 4mm £17.40 |
| 09/701 | 20mm x 20mm | x 3mm | £7.08 | 09/706 | 40mm x 40mm x 5mm £21.27 |
| 09/702 | 25mm x 25mm | x 3mm | £8.58 | 09/707 | 40mm x 40mm x 6mm £22.02 |
| 09/703 | 32mm x 32mm | x 4mm | £9.75 | 09/708 | 50mm x 50mm x 6mm £22.68 |

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

Piano Wire Price per 3 meters.

| | | | | | |
|-----|-------|-----|-------|-----|-------|
| 16g | £7.05 | 20g | £5.95 | 24g | £5.50 |
| 18g | £5.95 | 22g | £5.50 | | |

Steel cont'd

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

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | | | | |
|-------------|--------|----------|-------------|--------|----------------|-------------|--------|--------|--------|---------|--------|
| 09/001 | 1/4" | x 0.71mm | £3.23* | 09/010 | 6.4mm x 0.81mm | £3.20 | 09/019 | 2" | x 1/4" | £31.49 | |
| 09/002 | 3/8" | x 18g | £3.77* | 09/011 | 3/8" | x 2mm | £4.72 | 09/020 | 2 3/8" | x 1/16 | £17.72 |
| 09/003 | 1/2" | x 18g | £3.23* | 09/012 | 3/4" | x 1/4" | £21.55 | 09/021 | 2 7/8" | x 6g | £43.33 |
| 09/004 | 5/8" | x 18g | £3.87* | 09/013 | 7/8" | x 1/8" | £13.41 | 09/022 | 6 1/2" | x 1/4" | £88.31 |
| 09/005 | 3/4" | x 18g | £6.45* | 09/014 | 1 1/4" | x 16g | £5.58 | | | | |
| 09/006 | 7/8" | x 18g | £6.60* | 09/015 | 1 1/4" | x 5/16 | £47.87 | 09/024 | 3/4" | x 14g | £5.58 |
| 09/007 | 1" | x 18g | £6.66* | 09/016 | 1 1/2" | x 5/32 | £15.53 | 09/025 | 1 3/4" | x 1/4 | £57.82 |
| 09/008 | 1 1/8" | x 18g | £7.30* | 09/017 | 1 3/8" | x 1/8 | £12.30 | 09/026 | 2 1/4" | x 1/4 | £64.35 |
| 09/009 | 1 1/4" | x 18g | £7.87* | 09/018 | 1 1/2" | x 2.6mm | £10.87 | 09/029 | 53mm | x 6.5mm | £64.45 |

* Slip fitting, sizes differ by 0.8mm

Tube - Square (Welded) Per metre unless stated

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | | |
|-------------|-------------|-------|-------------|--------|-----------------|-------------|-----|--|--------|
| 09/060 | 1/2" x 1/2" | x 18g | £2.80 | 09/067 | 1" x 1" | x 18g | | | £4.66 |
| 09/061 | 1/2" x 1/2" | x 16g | £2.86 | 09/068 | 1" x 1" | x 16g | | | £4.83 |
| 09/062 | 5/8" x 5/8" | x 18g | £2.95 | 09/069 | 1" x 1" | x 14g | | | £6.44 |
| 09/063 | 5/8" x 5/8" | x 16g | £3.00 | 09/070 | 1 1/2" x 1 1/2" | x 18g | WSL | | £5.05 |
| 09/064 | 3/4" x 3/4" | x 18g | £3.15 | 09/071 | 1 1/2" x 1 1/2" | x 14g | | | £7.52 |
| 09/065 | 3/4" x 3/4" | x 16g | £3.58 | | | | | | |
| 09/066 | 7/8" x 7/8" | x 18g | £3.44 | 09/072 | 2" x 2" | x 14g | | | £10.00 |

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 | £1.50 | 09/034 | 3/4" | x 18g | £2.14 | 09/038 | 1" | x 16g | £2.20 |
| 09/031 | 1/2" | x 18g | £1.70 | 09/035 | 3/4" | x 16g | £2.18 | 09/039 | 1 1/2" | x 16g | £2.86 |
| 09/032 | 1/2" | x 16g | £1.80 | 09/036 | 7/8" | x 18g | £1.95 | 09/040 | 2" | x 16g | £3.48 |
| 09/033 | 5/8" | x 18g | £1.93 | 09/037 | 1" | x 18g | £2.05 | | | | |

Hexagon (EN1A) Per metre unless stated

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | | | | |
|-------------|--------|---|-------------|--------|--------|-------------|-------|--------|---------|---|--------|
| 09/502 | 1/8" | | £1.10 | 09/515 | 7/16" | | £2.44 | 09/526 | 15/16" | | £7.87 |
| 09/551 | 5/32" | | £1.10 | 09/516 | | | £2.51 | 09/527 | 1" | | £9.66 |
| 09/503 | 3/16" | | £1.10 | 09/517 | 1/2" | | £2.86 | 09/553 | 1 1/8" | | £22.50 |
| 09/504 | 0.193" | | £1.10 | 09/518 | | | | 09/528 | 1 3/16" | | £22.80 |
| 09/507 | 7/32" | | £1.10 | 09/519 | 9/16" | | £3.40 | 09/529 | 1.3" | # | £23.25 |
| 09/510 | 1/4" | | £1.15 | 09/520 | | | £4.25 | 09/530 | 1.48" | # | £23.75 |
| 09/511 | 9/32" | | £1.15 | 09/521 | 5/8" | | £4.48 | 09/531 | 1.67" | # | £46.13 |
| 09/512 | 5/16" | | £1.29 | 09/522 | 0.710" | # | £5.01 | | 1.2" | # | £23.05 |
| 09/552 | 0.324" | # | £1.43 | 09/523 | 3/4" | | £6.09 | 09/501 | 3.00mm | | £1.10 |
| 09/513 | 11/32" | | £1.50 | 09/524 | | | | 09/505 | 5.5mm | | £1.10 |
| 09/514 | 3/8" | | £1.97 | 09/525 | 7/8" | | £8.50 | 09/508 | 6mm | | £1.10 |

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" | | £5.63 | 09/541 | 5/8" | | £17.33 | 09/544 | 1" | | £38.13 |
| 09/540 | 1/2" | | £9.53 | 09/542 | 3/4" | | £21.23 | | | | |

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

| <u>Code</u> | | | <u>Code</u> | | |
|-------------|-------------|-------|-------------|-------------|-------|
| 09/401 | 22g (0.7mm) | £2.28 | 09/403 | 18g (1.2mm) | £2.39 |
| 09/402 | 20g (0.9mm) | £2.32 | 09/404 | 16g (1.6mm) | £2.49 |

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

| <u>Code</u> | | | <u>Code</u> | | |
|-------------|-------|-------|-------------|-------|-------|
| 09/405 | 2.5mm | £4.75 | 09/406 | 3.0mm | £5.53 |
| 09/409 | 2.0mm | £3.60 | 09/408 | 5.0mm | £7.66 |

EN8 round Per metre unless stated

| | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 09/380 | 5mm | £1.80 | 09/381 | 1 3/4" | £39.06 | 3 1/2" | £ | |
| 09/382 | 6mm | £2.05 | 09/383 | 2" | £46.47 | 3 3/4" | £157.70 | |
| 09/385 | 30mm | £12.92 | | 2 1/4" | £51.33 | 09/384 | 4" | £ POA |
| | 1" | £11.85 | | 2 1/2" | £60.32 | | 170mm | £539.00 |
| | 1 1/4" | £13.56 | | 2 3/4" | £ | | 6" | £400.40 |
| | 35mm | £25.22 | | 3" | £96.39 | | | |
| | 1 1/2" | £25.77 | | 60mm | £48.40 | | | |

EN16T round Per metre unless stated

| | | | | | | | | |
|--------|------|--------|--------|--------|--------|--------|----|--------|
| 09/386 | 1/2" | £8.45 | 09/387 | 5/8" | £9.75 | 09/388 | 2" | £70.40 |
| | 1 | £17.82 | | 1 1/4" | £21.65 | | | |

EN24T round Per metre unless stated

| | | | | | | | | |
|--------|------|-------|--------|--------|--------|--------|--------|---------|
| | 12mm | £7.75 | 09/391 | 25mm | £19.80 | 09/392 | 1 1/4" | £36.26 |
| 09/390 | 5/8" | £8.50 | | 1 1/2" | £47.67 | | 2 1/2" | £124.67 |

Round (Precision Ground, EN1A) Per metre unless stated

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|------|-------|-------------|------|--------|-------------|--------|--------|
| 09/372 | | | 09/371 | 5/8" | £8.33 | 09/376 | 1 1/4" | £33.15 |
| 09/375 | 3/8" | £3.91 | 09/373 | 3/4" | £10.88 | 09/377 | 1 1/2" | £45.90 |
| 09/370 | 1/2" | £5.53 | 09/374 | 1" | £21.53 | WSL | 9/16" | £7.00 |

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

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

| <u>Code</u> | | | <u>Code</u> | | |
|-------------|--------------------|-------|-------------|-----------------------|-------|
| 09/080 | 3/4" x 2.03mm wall | £8.05 | 09/082 | 1" x 2.64 mm wall | £7.40 |
| 09/092 | 20mm x 2mm wall | £8.10 | 09/083 | 1 1/4" x 3.25 mm wall | £9.40 |

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

CS70 Bright annealed Spring strip Per metre unless stated

| <u>Code</u> | | | <u>Code</u> | | |
|-------------|--------------|-------|-------------|-------------|-------|
| 09/910 | 1/2" x 1/16" | £4.64 | 09/912 | 3/4" x 1/8" | £7.03 |
| 09/911 | 1" x 1/16" | £7.11 | 09/913 | 1" x 1/8" | £8.55 |

CS95 hard tempered spring steel strip

| | | | | | |
|--------|---------------|--------|--------|---------------|--------|
| 09/930 | 5/16 x 0.006" | £13.83 | 09/935 | 7/16 x 0.008" | £19.10 |
|--------|---------------|--------|--------|---------------|--------|

Black hot rolled annealed spring steel (EN42J)

| | | | | | |
|--------|--------------|--------|--------|---------------|--------|
| 09/940 | 3/16 x 1 1/4 | £13.62 | 09/946 | 1/4 x 5 1/4 | £53.10 |
| 09/942 | 3/16 x 1 3/4 | £18.32 | 09/914 | 1 1/8" x 1/8" | £10.90 |

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 £2.51 | 08/321 125mm £13.56 |
| 08/311 25mm £1.21 | 08/316 65mm £3.10 | 08/322 140mm £12.00 |
| 08/312 35mm £1.47 | 08/317 75mm £4.60 | 08/323 150mm £13.54 |
| 08/313 40mm £1.81 | 08/319 90mm £6.55 | 08/327 180mm £27.96 |
| 08/314 45mm £2.00 | 08/320 110mm £8.90 | 08/324 250mm £37.71 |
| | Note – cutting charge on item 08/324 | £5.50 each cut |

Section Per 25mm

| <u>Code</u> | <u>Code</u> |
|---------------------------|----------------------------|
| 08/110 50mm x 25mm £2.22 | 08/113 100mm x 50mm £6.99 |
| 08/120 60mm x 30mm £3.89 | 08/114 |
| 08/111 160mm x 30mm £8.20 | 08/115 80mm x 80mm £8.11 |
| 08/112 50mm x 50mm £3.33 | 08/122 140mm x 90mm £14.22 |

Stainless Steel

Section Per metre unless stated

| <u>Code</u> | <u>Code</u> | <u>Code</u> |
|-----------------------------|---------------------------|-----------------------------|
| 10/101 1/2" x 1/8" AA £6.44 | 10/105 25mm x 6mm £16.90 | 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 £11.81 | 10/107 20mm x 10mm £21.80 | 10/110 4" x 6mm £53.20 |
| 10/104 3/4" x 3/16" £12.52 | | |

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 £4.20 | 10/309 7/32" £3.60 | 10/334 1 1/4" £88.00 |
| 10/304 3 mm £2.50 | 10/311 1/4" £3.95 | 10/336 1 1/2" £98.60 |
| 10/306 4 mm £2.70 | 10/313 5/16" £4.45 | 10/337 1 5/8" £93.16 |
| 10/310 5 mm £3.15 | 10/315 3/8" £8.11 | 10/338 1 3/4" £108.17 |
| 10/316 10 mm £8.12 | 10/317 7/16" £9.83 | 10/339 2" £120.40 |
| 10/325 18mm £17.88 | 10/319 1/2" £11.73 | 10/340 2 1/4" £ POA |
| 20mm £27.50 | 10/321 9/16" £15.40 | 10/342 2 3/8" £ POA WSL |
| 10/329 25mm £26.58 | 10/323 5/8" £18.20 | 10/344 2 1/2" £ POA |
| 30mm £39.23 | 10/326 3/4" £21.70 | 10/346 2 3/4" £ POA |
| 10/301 1/16" £1.50 | 10/328 7/8" £23.94 | 10/350 3" £ POA |
| 10/303 3/32" £1.50 | 10/330 1" £30.69 | 10/354 3 1/2" £ POA |
| 10/305 1/8" £2.61 | 10/332 1 1/8" £42.90 WSL | 6" £ POA Pr Inch |
| 10/307 5/32" £2.70 | | |
| 10/308 3/16" £3.58 | | |

Square Per metre unless stated

| | | |
|--------------------|--------------------|------------------|
| 10/201 10mm £10.05 | 10/203 12mm £16.76 | 10/205 1" £58.75 |
|--------------------|--------------------|------------------|

Hexagon (Free Cutting) Per metre unless stated

| | | |
|---------------------|--------------------------|--------------------------|
| 10/501 0.152" £5.89 | 10/505 7/16" £13.52 | 10/509 5/8" £23.80 |
| 10/502 0.193" £5.86 | 10/506 0.525" £21.50 WSL | 10/510 0.710" £23.25 WSL |
| 10/503 0.248" £6.29 | 10/507 9/16" £21.50 | 10/511 0.820" £29.18 |
| 10/504 5/16" £7.65 | | 10/512 |

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 | £10.70 | 10/004 | 3/8" | x 20g | £13.73 | 10/008 | 5/8" | x 18g | £18.56 |
| 10/002 | 1/4" | x 20g | £10.82 | 10/005 | 7/16" | x 20g | £16.10 | 10/011 | 5/8" | x 16g | £19.10 |
| 10/003 | 5/16" | x 20g | £10.73 | 10/006 | 1/2" | x 18g | £15.02 | 10/009 | 3/4" | x 18g | £21.10 |
| WSL | 3/8" | x 18g | £13.90 | | | | | 10/010 | 1" | x 16g | £25.03 |

Tube - Round (Welded) Per metre unless stated

| <u>Code</u> | | | | <u>Code</u> | | | | <u>Code</u> | | | |
|-------------|--------|-------|--------|-------------|--------|-------|--------|-------------|-----|---------|-------|
| 10/020 | 1 1/4" | x 16g | £16.10 | 10/022 | 1 3/4" | x 1mm | £16.12 | 10/024 | 8mm | x 0.6mm | £7.15 |
| 10/021 | 1 1/2" | x 16g | £16.81 | 10/023 | 2" | x 16g | £19.67 | | | | |

Tube - Square (Welded) Per metre unless stated

| | | |
|--------|---------------------|--------|
| 10/060 | 20mm x 20mm x 1.2mm | £10.30 |
|--------|---------------------|--------|

Sheet Per 300mm x 300mm area. (Pr. nominal sqare foot)

Code

| | | |
|--------|--------------|--------|
| 10/401 | 26g (0.45mm) | £6.90 |
| 10/405 | 24g (0.55mm) | £7.95 |
| 10/402 | 22g (0.7mm) | £8.80 |
| 10/403 | 18g (1.2mm) | £11.00 |
| 10/406 | 16g (1.6mm) | £14.30 |

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

| | | | | | |
|--------|--------------------|--------|--------|--------------------|--------|
| 10/430 | 16 mesh x 27g wire | £16.10 | 10/431 | 10 mesh x 24g wire | £13.40 |
|--------|--------------------|--------|--------|--------------------|--------|

Stainless Wire Price per 3 metres.

| | |
|-----|-------|
| 24g | £5.80 |
|-----|-------|

Precision Shim Steel assortment pack

Pack contents (Approx 0.5KG):-

4ft 0.002", 3ft 0.003, 2ft each 0.004, 0.005, 1ft each 0.006, 0.008, 0.010, 0.015 £22.75

Nickel Silver

Round Per 25mm unless stated

| | | | | | | | | |
|--------|----------|-------|--------|----------|-------|--------|----------|-------|
| 13/307 | 3/8" dia | £2.85 | 13/309 | 1/2" dia | £4.84 | 13/311 | 5/8" dia | £5.84 |
|--------|----------|-------|--------|----------|-------|--------|----------|-------|

Aluminium

Section Per metre unless stated.

| <u>Code</u> | | | | <u>Code</u> | | | | <u>Code</u> | | | |
|-------------|--------|---------|--------|-------------|---------|--------|--------|-------------|--------|----------|---------|
| 11/101 | 3/8" | x 1/16" | £2.16 | 11/114 | 3/4" | x 3/8" | £3.58 | 11/127 | 1 1/2" | x 1" | £27.89 |
| 11/102 | 3/8" | x 1/8" | £4.02 | 11/115 | 1" | x 3/8" | £7.15 | 11/128 | 2" | x 1" | £41.19 |
| 11/103 | 1/2" | x 1/8" | £4.39 | 11/116 | 1 1/2" | x 3/8" | £10.73 | 11/129 | 3" | x 1" | £62.21 |
| 11/104 | 3/4" | x 1/8" | £4.60 | 11/117 | 2" | x 3/8" | £14.30 | 11/130 | 4" | x 1" | £72.93 |
| 11/105 | 1" | x 1/8" | £4.73 | 11/118 | 4" | x 3/8" | £21.45 | 11/131 | 2" | x 1 1/2" | £55.77 |
| 11/106 | 1 1/2" | x 1/8" | £5.30 | 11/119 | 7/8" | x 1/2" | £5.35 | 11/132 | 3" | x 1 1/2" | £108.11 |
| 11/107 | 2" | x 1/8" | £6.20 | 11/120 | 1" | x 1/2" | £7.30 | 11/133 | 4 1/2" | x 1 1/2" | £164.74 |
| 11/108 | 1" | x 3/16" | £3.35 | | 1 1/4" | x 1/2" | £14.85 | 11/134 | 2 1/2" | x 1 3/4" | £77.25 |
| 11/109 | 3/4" | x 1/4" | £3.94 | 11/121 | 1 1/2" | x 1/2" | £15.92 | 11/135 | 2 1/2" | x 2" | £81.71 |
| 11/110 | 1" | x 1/4" | £4.24 | 11/122 | 2" | x 1/2" | £16.75 | 11/136 | 3" | x 2" | £ POA |
| 11/111 | 1 1/4" | x 1/4" | £4.57 | 11/123 | 2 1/2 " | x 1/2" | £21.45 | 11/137 | 3 1/2" | x 2" | £ POA |
| 11/112 | 2" | x 1/4" | £8.95 | 11/124 | 1 1/2" | x 5/8" | £18.88 | 11/138 | | | |
| 11/113 | 2 1/2" | x 1/4" | £10.10 | 11/125 | 2" | x 5/8" | £33.07 | 11/139 | 3 1/2" | x 2 3/4" | £ POA |
| | | | | 11/126 | 1" | x 3/4" | £11.59 | | | | |

Round Per metre unless stated

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|-------|--------|-------------|--------|--------|-------------|--------|-------|
| 11/301 | 1/8" | £2.00 | | 1 1/8" | £18.40 | 11/319 | 3 1/4" | £ POA |
| 11/302 | 3/16" | £2.40 | 11/310 | 1 1/4" | £25.74 | 11/320 | 3 1/2" | £ POA |
| 11/303 | 1/4" | £3.05 | 11/311 | 1 1/2" | £36.47 | 11/321 | 3 3/4" | £ POA |
| 11/304 | 5/16" | £3.71 | 11/312 | 1 5/8" | £40.76 | 11/322 | 4" | £ POA |
| 11/305 | 3/8" | £4.32 | 11/313 | 1 3/4" | £45.05 | 11/323 | 4 1/4" | £ POA |
| 11/306 | 1/2" | £5.09 | 11/314 | 2" | £48.13 | 11/324 | 4 1/2" | £ POA |
| 11/307 | 5/8" | £7.04 | 11/315 | 2 1/4" | £58.35 | 11/325 | 5" | £ POA |
| 11/308 | 3/4" | £9.94 | 11/316 | 2 1/2" | £66.93 | 11/326 | 6" | £ POA |
| 11/330 | 7/8 | £13.48 | 11/317 | 2 3/4" | £85.80 | 11/327 | 7" | £ POA |
| 11/309 | 1" | £16.36 | 11/318 | 3" | £99.82 | | | |

Hexagon Per metre unless stated

| <u>Code</u> | | | <u>Code</u> | | |
|-------------|--------|-----------|-------------|--------|-----------|
| 11/501 | 0.445" | £5.37 WSL | 11/502 | 0.525" | £7.65 WSL |

Square Per metre unless stated

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|------|-------|-------------|------|--------|-------------|--------|--------|
| 11/205 | 1/4" | £1.10 | 11/208 | 5/8" | £4.66 | 11/211 | 1 1/4" | £21.39 |
| 11/206 | 3/8" | £3.23 | 11/209 | 3/4" | £7.87 | 11/212 | 2" | £39.37 |
| 11/207 | 1/2" | £3.35 | 11/210 | 1" | £17.88 | | 3" | £POA |

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

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | | | | |
|-------------|-------|--------|-------------|--------|--------|-------------|--------|--------|--------|--------|--------|
| 11/005 | 1/4" | x 20g | £3.44 | 11/012 | 7/8" | x 18g* | £3.58 | 11/030 | 1 1/4" | x 10g | £12.87 |
| 11/006 | 5/16" | x 20g | £3.54 | 11/013 | 1" | x 18g* | £4.29 | 11/018 | 1 1/2" | x 16g | £10.05 |
| 11/007 | 3/8" | x 18g* | £2.34 | 11/014 | 1" | x 16g | £5.00 | 11/019 | 1 1/2" | x 10g | £14.85 |
| 11/008 | 1/2" | x 18g* | £2.05 | 11/015 | 1 1/8" | x 18g* | £6.44 | 11/020 | 1 3/4 | x 16g | £18.32 |
| 11/009 | 1/2" | x 16g | £2.15 | | 1 1/8" | x 10g | £12.54 | | 1 3/4" | x 1/4" | £21.91 |
| 11/010 | 5/8" | x 18g* | £2.46 | 11/016 | 1 1/4" | x 18g* | £7.15 | 11/021 | 2" | x 10g | £23.24 |
| 11/011 | 3/4" | x 18g* | £3.23 | 11/017 | 1 1/4" | x 16g | £8.23 | 11/022 | 3 1/4" | x 1/2" | £80.16 |
| | | | | | | | | 11/023 | 3 1/2" | x 10g | £45.38 |

*** Slip fitting, sizes differ by 0.8mm**

Tube - Square Per metre unless stated

| <u>Code</u> | | | <u>Code</u> | | | | | | |
|-------------|------|--------|-------------|-------|--------|--------|----------|-------|--------|
| 11/050 | 3/4" | x 3/4" | x 16g | £5.05 | 11/052 | 1 3/4" | x 1 3/4" | x 10g | £32.62 |
| 11/051 | 1" | x 1" | x 16g | £7.73 | | | | | |

Aluminium cont'd

Sheet Per 300mm x 300mm area. (approx 1 square foot)

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|-------|-------|-------------|-------|--------|-------------|-------|--------|
| 11/410 | 22g | £2.80 | 11/415 | 4.5mm | £9.44 | 11/420 | 10mm | £18.77 |
| 11/411 | 20g | £3.08 | 11/416 | 3/16" | £7.70 | 11/421 | 12mm | £16.85 |
| 11/412 | 18g | £3.42 | 11/417 | 6mm | £13.04 | 11/422 | 1/2" | £16.90 |
| 11/413 | 16g | £3.60 | 11/418 | | | 11/423 | 2mm | £3.57 |
| 11/414 | 3.0mm | £8.21 | 11/419 | 5/16" | £12.65 | 11/424 | 2.5mm | £5.31 |

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 | 11/712 | 2" | x 1 1/2" | x 3/16" | £15.60 |
| 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 | | | | | |

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 | 11/808 | | | | |
| 11/806 | 3/4" | x 1/2" | x 1/8" | £8.68 | 11/809 | 1 1/2" | x 3/4" | x 1/8" | £11.64 |
| 11/807 | 1" | x 1/2" | x 1/8" | £9.94 | 11/810 | 2" | x 1" | x 1/8" | £14.68 |
| | | | | | 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 | £5.28 | 12/308 | 15mm | £17.80 | 12/310 | 25mm | £81.65 |
| 12/307 | 12mm | £11.68 | 12/309 | 20mm | £31.81 | 12/311 | 30mm | £92.44 |

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

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|------|-------|-------------|------|--------|-------------|------|--------|
| 12/355 | 12mm | £3.48 | 12/359 | 30mm | £15.52 | 12/362 | 45mm | £42.37 |
| 12/357 | 20mm | £6.34 | 12/360 | 36mm | £20.42 | 12/363 | 50mm | £43.45 |
| 12/358 | 25mm | £9.99 | 12/361 | 40mm | £25.17 | | | |

Rivets - Round Head

Aluminium Price per 100

| <u>Code</u> | | | | | |
|-------------|--------------|-------|--------|-------------|-------|
| 30/101 | 3/16" x 3/4" | £6.18 | 30/105 | 1/8" x 3/8" | £4.62 |

Brass Price per 100

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|--------------|-------|-------------|--------------|-------|-------------|--------------|--------|
| 30/201 | 1/32" x 1/4" | £7.04 | 30/204 | 1/16" x 3/8" | £7.15 | 30/206 | 3/16" x 1/4" | £12.76 |
| 30/202 | 1/32" x 3/8" | £7.09 | 30/205 | 1/8" x 3/8" | £8.10 | 30/207 | 3/16" x 3/8" | £13.20 |
| 30/203 | 3/64" x 1/4" | £7.09 | | | | | | |

Copper Price per (quantity) stated

| <u>Code</u> | | <u>10</u> | <u>100</u> | <u>Code</u> | | <u>10</u> | <u>100</u> |
|-------------|--------------|-----------|------------|-------------|---------------|-----------|------------|
| 30/301 | 1/16" x 1/4" | | £4.08 | 30/321 | 3/16" x 3/8" | £2.95 | £20.24 |
| 30/302 | 1/16" x 3/8" | £1.15 | £6.60 | 30/309 | 3/16" x 1/2" | £3.33 | £22.88 |
| 30/303 | 3/32" x 1/2" | £1.15 | £7.92 | 30/310 | 3/16" x 3/4" | £4.64 | £31.90 |
| 30/304 | 3/32" x 1" | £1.21 | £8.36 | 30/312 | 3/16" x 1" | £5.37 | £36.96 |
| 30/320 | 1/8" x 3/8" | £1.44 | £9.90 | 30/316 | 1/4" x 3/8" | £3.46 | £23.76 |
| 30/305 | 1/8" x 1/2" | £1.63 | £11.22 | 30/317 | 1/4" x 1/2" | £4.02 | £26.80 |
| 30/307 | 1/8" x 3/4" | £1.82 | £12.54 | 30/314 | 1/4" x 1 1/4" | £7.20 | £49.50 |
| 30/308 | 1/8" x 1" | £2.02 | £13.86 | | | | |

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

EG – 30/3011

Steel Price per (quantity) stated

| <u>Code</u> | | | <u>Code</u> | | |
|-------------|--------------|-------|-------------|--------|----------------------------|
| 30/401 | 1/16" x 1/2" | (100) | £3.85 | 30/416 | 3/16" x 1 1/4" (50) £4.62 |
| 30/402 | 3/32" x 1/4" | (100) | £4.95 | 30/420 | 1/4" x 1/4" (50) £4.40 |
| 30/403 | 3/32" x 1/2" | (100) | £4.73 | 30/421 | 1/4" x 1/2" (50) £5.06 |
| 30/404 | 3/32" x 3/4" | (100) | £4.92 | 30/422 | 1/4" x 3/4" (50) £5.39 |
| 30/461 | 1/8" x 1/4" | (100) | £5.05 | 30/423 | 1/4" x 7/8" (50) £5.56 |
| 30/405 | 1/8" x 5/16" | (100) | £5.06 | 30/424 | 1/4" x 1" (50) £5.72 |
| 30/417 | 1/8" x 3/8" | (100) | £5.28 | 30/425 | 1/4" x 1 1/4" (50) £6.16 |
| 30/406 | 1/8" x 1/2" | (100) | £5.50 | 30/426 | 1/4" x 1 1/2" (50) £7.48 |
| 30/407 | 1/8" x 3/4" | (100) | £5.75 | 30/427 | 1/4" x 2" (50) £5.65 |
| 30/408 | 5/32" x 3/8" | (100) | £6.16 | 30/435 | 5/16" x 3/8" (50) £7.48 |
| 30/409 | 3/16" x 1/4" | (100) | £5.94 | 30/436 | 5/16" x 3/4" (50) £8.14 |
| 30/410 | 3/16" x 3/8" | (100) | £5.68 | 30/437 | 5/16" x 1" (50) £7.96 |
| 30/411 | 3/16" x 1/2" | (100) | £6.16 | 30/439 | 5/16" x 1 1/2" (50) £10.45 |
| 30/412 | 3/16" x 5/8" | (100) | £6.60 | 30/444 | 3/8" x 1" (50) £13.75 |
| 30/413 | 3/16" x 3/4" | (50) | £3.45 | 30/445 | 3/8" x 1 1/4" (50) £15.40 |
| 30/414 | 3/16" x 7/8" | (50) | £3.44 | 30/446 | 3/8" x 1 3/8" (50) £16.28 |
| 30/415 | 3/16" x 1" | (50) | £3.85 | 30/448 | 3/8" x 1 3/4" (50) £19.25 |

Countersink Head Steel Price per (quantity) stated

| <u>Code</u> | | | <u>Code</u> | | |
|-------------------------|--------------|-------|-------------|--------|-------------------------|
| 30/501 | 3/32" x 3/8" | (100) | £4.20 | 30/507 | 3/16 x 3/8" (100) £5.68 |
| 30/505 | 1/8" x 1/2" | (100) | £4.40 | 30/508 | 1/4" x 1" (50) £5.72 |
| 30/506 | 5/32" x 3/8" | (100) | £5.18 | | |
| <u>Aluminium</u> | 1/8 x 3/8 | (100) | £3.65 WSL | | |

Mushroom Head Steel Price per 100 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" | £1.63 | £13.00 | 30/486 | 5 BA x 1" | £1.48 | £10.40 |
| 30/481 | 2 BA x 1" | £1.75 | £13.50 | 30/487 | 6 BA x 1/2" | £1.40 | £10.70 |
| 30/482 | 4 BA x 3/8" | £1.31 | £10.40 | 30/488 | 7 BA x 1/2" | £1.42 | £10.00 |
| 30/483 | 4 BA x 5/8" | £1.42 | £11.00 | 30/489 | 8 BA x 3/8" | £1.48 | £10.40 |
| 30/484 | 5 BA x 1/2" | £1.42 | £10.50 | 30/490 | 10 BA x 1/2" | £1.68 | £11.80 |
| 30/485 | 5 BA x 5/8" | £1.42 | £10.00 | | | | |
| 30/496 | 1/4" BSF x 1" | £3.57 | £28.56 | 30/497 | 1/4 BSF x 1 1/4" | £4.67 | £37.36 |

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" | £1.75 | £11.80 | 30/289 | 8 BA x 3/8" | £1.60 | £11.20 |
| 30/287 | 6 BA x 1/2" | £1.65 | £11.60 | 30/290 | 10 BA x 1/2" | £1.77 | £12.40 |

Add 1 to the end of the code for qnty. 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" | £5.10 | 30/553 | 5/32" | £5.10 | 30/556 | 5/16" | £9.02 |
| 30/551 | 3/32" | £5.10 | 30/554 | 3/16" | £6.76 | 30/557 | 3/8" | £13.53 |
| 30/552 | 1/8" | £5.10 | 30/555 | 1/4" | £6.76 | | | |

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

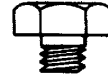
| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|-------------|--------|-------------|--------------|-------|-------------|--------------|-------|
| 30/741 | 1/8" x 0.24 | £1..35 | 30/743 | 5/32" x 0.27 | £1.90 | 30/745 | 3/16" x 0.62 | £2.85 |
| 30/742 | 1/8" x 0.43 | £1..35 |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

Steel Screws B.A.



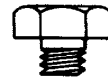
Hexagon Headed (Turned) Small head 1 size smaller

| Code | | 10 | 100 | Code | | 10 | 100 |
|--------|------------|-------|--------|--------|------------|-------|--------|
| 40/005 | 2BA x 1/2" | £1.95 | £13.70 | 40/025 | 7BA x 3/8" | £1.85 | £10.00 |
| 40/006 | 2BA x 1" | £2.17 | £15.50 | 40/026 | 7BA x 1/2" | £1.85 | £13.00 |
| 40/012 | 4BA x 1" | £2.05 | £14.50 | 40/027 | 7BA x 3/4" | £2.00 | £13.75 |
| 40/016 | 5BA x 3/8" | £1.75 | £12.00 | 40/030 | 8BA x 1/4" | £1.80 | £13.70 |
| 40/017 | 5BA x 1/2" | £1.80 | £12.80 | 40/031 | 8BA x 3/8" | £1.90 | £13.25 |
| 40/020 | 6BA x 3/8" | £2.00 | £13.90 | 40/032 | 8BA x 1/2" | £1.95 | £13.75 |
| 40/021 | 6BA x 1/2" | £2.16 | £15.40 | 40/033 | 8BA x 3/4" | £2.15 | £15.00 |
| 40/022 | 6BA x 3/4 | £2.20 | £15.80 | | | | |
| 40/023 | 6BA x 1" | £2.25 | £15.90 | | | | |



Hexagon Headed (Turned) Standard size head

| Code | | 10 | 100 | Code | | 10 | 100 |
|--------|--------------|-------|--------|--------|-------------|-------|--------|
| 40/069 | 2BA x 1/2" | £2.10 | £15.50 | 40/092 | 7BA x 1/2" | £1.92 | £13.75 |
| 40/070 | 2BA x 3/4" | £2.21 | £15.60 | 40/042 | 8BA x 1/8" | £1.66 | WSL |
| 40/071 | 2BA x 1" | £2.28 | £16.45 | 40/043 | 8BA x 1/4" | £1.66 | £13.30 |
| 40/081 | 4BA x 3/4" | £2.10 | £14.90 | 40/045 | 8BA x 1/2" | £1.82 | £13.70 |
| 40/082 | 4BA x 1" | £2.40 | £15.40 | 40/054 | 8BA x 3/4" | £2.00 | £14.00 |
| 40/084 | 4BA x 1 1/2" | £2.64 | £18.00 | 40/055 | 8BA x 1" | £2.15 | £15.00 |
| 40/085 | 5BA x 1/2" | £1.90 | £13.50 | 40/046 | 10BA x 1/4" | £1.82 | £12.75 |
| 40/040 | 5BA x 3/4" | £2.00 | £12.25 | 40/047 | 10BA x 3/8" | £1.90 | £13.50 |
| 40/052 | 5BA x 1" | £2.05 | £14.25 | 40/048 | 10BA x 1/2" | £2.00 | £13.75 |
| 40/091 | 5BA x 1 1/4" | £2.20 | £15.25 | 40/056 | 10BA x 3/4" | £2.21 | £15.50 |
| 40/089 | 6BA x 1/2" | £1.80 | £14.40 | 40/049 | 12BA x 1/4" | £2.05 | £14.25 |
| 40/090 | 6BA x 3/4" | £1.85 | £14.40 | 40/050 | 12BA x 3/8" | £2.10 | £14.75 |
| 40/053 | 6BA x 1" | £1.92 | £14.40 | 40/051 | 12BA x 1/2" | £2.20 | £15.25 |
| 40/041 | 6BA x 1 1/2" | £2.40 | £19.20 | | | | |



Hexagon Headed (Forged) Standard size head

| Code | | 10 | 100 | Code | | 10 | 100 |
|--------|-------------------|-------|--------|------|--------------|-------|-----------------------|
| 40/066 | 0BA x 1 1/2" | £2.16 | £17.28 | WSL | 4BA x 1 | £1.20 | £9.30 |
| 40/068 | 1BA x 1 1/2" | £2.20 | £17.60 | | 5BA x 1/4 | £1.50 | £8.00 |
| | 2BA x 1/2" | £1.75 | £10.75 | | 6BA x 7/16 | £1.50 | £8.00 |
| | 2BA x 5/8 | £1.75 | £10.75 | | 6BA x 3/4 | £1.00 | £7.50 |
| | 2BA x 3/4 (H.T) | £2.00 | £11.25 | | 6BA x 1 | £1.50 | £9.25 plain or plated |
| 40/073 | 2BA x 1 3/8 (H.T) | £2.20 | £17.60 | | 6BA x 1 3/4" | £2.00 | £17.50 |
| 40/076 | 3BA x 1/2" | £2.20 | £17.60 | | | | |
| 40/080 | 4BA x 1/2" | £1.20 | £9.30 | | | | |

H.T. = High tensile

Screwed BA Rod (Steel)

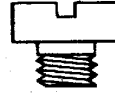
Per 300mm length

| | | | | | | | | |
|--------|------|-------|--------|------|-------|--------|------|-------|
| 40/705 | 2 BA | £2.86 | 40/720 | 5 BA | £3.60 | 40/735 | 8 BA | £6.40 |
| 40/710 | 3 BA | £3.30 | 40/725 | 6 BA | £3.60 | | | |
| 40/715 | 4 BA | £3.12 | 40/730 | 7 BA | £5.20 | | | |

Studs Qty 10

| Code | | | Code | | |
|------|-------------|-------|------|-----------|-------|
| A267 | 2 BA x 7/8" | £3.52 | A268 | 2 BA x 1" | £3.52 |

Steel Screws cont'd



Cheese Head

| <u>Code</u> | | <u>10</u> | <u>100</u> | <u>Code</u> | | <u>10</u> | <u>100</u> |
|-------------|----------------|-----------|------------|-------------|---------------|-----------|------------|
| WSL | 1 BA x 5/16 | £0.60 | £5.40 | 40/160 | 6 BA x 1/2" | £0.50 | £4.00 |
| WSL | 1BA x 1/2 | £0.70 | £6.30 | 40/161 | 6 BA x 3/4" | £0.72 | £4.62 |
| 40/120 | 2 BA x 1/2" | £0.48 | £2.86 | | 6 BA x 7/8" | £0.73 | £5.02 |
| 40/121 | 2 BA x 1" | £0.52 | £3.08 | 40/162 | 6 BA x 1" | £0.85 | £5.39 |
| 40/124 | 2 BA x 1 1/2" | £0.82 | £6.56 | 40/163 | 6 BA x 1 3/8" | £0.96 | £6.16 |
| 40/122 | 2 BA x 1 3/4"* | £0.72 | £4.40 | | 6 BA x 1 1/2* | £1.00 | £7.00 |
| 40/130 | 3 BA x 1/4" | £0.50 | £4.50 | WSL | 6 BA x 1 3/4* | £1.20 | £10.20 |
| 40/131 | 3 BA x 1 1/2" | £1.56 | £13.60 | 40/165 | 7 BA x 1/2" | £1.38 | £11.00 |
| 40/140 | 4 BA x 3/8" | £0.40 | £2.65 | WSL | 8 BA x 3/32 | £0.50 | £4.50 |
| 40/141 | 4 BA x 1/2" | £0.40 | £2.65 | WSL | 8 BA x 1/8 | £0.50 | £4.50 |
| | 4 BA x 5/8" | £0.50 | £3.90 | 40/172 | 8 BA x 1/4 | £0.55 | £3.47 |
| 40/142 | 4 BA x 1 3/4" | £1.08 | £7.92 | 40/175 | 8 BA x 1/2" | £0.76 | £5.55 |
| 40/143 | 4 BA x 2" | £1.20 | £8.80 | WSL | 8 BA x 5/8* | £0.76 | £5.55 |
| 40/150 | 5 BA x 1/2" | £0.60 | £3.85 | 40/177 | 8 BA x 7/8" | £0.86 | £6.60 |
| 40/151 | 5 BA x 3/4" | £0.84 | £6.16 | 40/179 | 9 BA x 3/8" | £1.38 | £11.00 |
| 40/152 | 5 BA x 1 1/4" | £2.00 | £16.00 | 40/180 | 10 BA x 1/4" | £0.96 | £7.04 |
| WSL | 6 BA x 3/16 | £0.50 | £4.00 | 40/181 | 10 BA x 1/2" | £1.50 | £10.25 |
| WSL | 6 BA x 1/4 | £0.50 | £4.25 | 40/182 | 10 BA x 5/8" | £1.05 | £6.60 |
| WSL | 6 BA x 9/32 | £0.60 | £5.35 | | 10 BA x 3/4 | £1.05 | £6.60 |
| WSL | 6 BA x 15/32 | £0.75 | £6.10 | 40/184 | 10 BA x 7/8 | £1.62 | £11.44 |
| | * Plated | | | 40/190 | 11 BA x 1/2" | £1.50 | £10.25 |



Round Head

| <u>Code</u> | | <u>10</u> | <u>100</u> | <u>Code</u> | | <u>10</u> | <u>100</u> |
|-------------|--------------|-----------|------------|-------------|---------------|-----------|------------|
| 40/205 | 1 BA x 2" | £1.00 | | 40/229 | 5 BA x 1 1/2" | £1.44 | |
| 40/210 | 2 BA x 1/4"* | £0.50 | £3.08 wsl | 40/235 | 6 BA x 1/2" | £0.30 | £2.31 |
| 40/211 | 2 BA x 1/2" | £0.50 | £3.08 | 40/236 | 6 BA x 3/4" | £1.15 | £7.90 |
| 40/212 | 2 BA x 5/8" | £0.36 | £2.70 | 40/237 | 6 BA x 1" | £0.60 | £4.62 |
| 40/213 | 2 BA x 1" | £1.75 | £14.00 | 40/245 | 8 BA x 3/32"* | £0.30 | £2.64 |
| 40/216 | 3 BA x 3/4" | £0.60 | | 40/247 | 8 BA x 1/4" | £0.46 | £3.74 |
| 40/220 | 4 BA x 1/2" | £1.38 | £11.00 | WSL | 8 BA x 1/4"* | £0.36 | £3.24 |
| 40/221 | | | | 40/248 | 8 BA x 3/8"* | £0.50 | £4.40 |
| 40/224 | | | | 40/249 | 8 BA x 1/2" | £0.65 | £4.90 |
| 40/225 | 5 BA x 1/2" | £0.60 | | WSL | 8 BA x 1/2* | £0.55 | £4.40 |
| 40/226 | 5 BA x 3/4" | £0.96 | | 40/250 | 8 BA x 3/4" | £0.60 | £4.62 |
| 40/227 | 5 BA x 7/8" | £0.72 | £4.62 wsl | 40/255 | 10 BA x 1/4" | £0.95 | £7.50 |
| 40/228 | 5 BA x 1" | £0.85 | £5.39 | 40/256 | 10 BA x 1/2" | £1.00 | £7.75 |
| | * Plated | | | | | | |

Socket Head Cap

| <u>Price each</u> | | | | | | | | |
|-------------------|--------------|-------|--------|-------------|-------|--------|-------------|-------|
| 40/421 | 2BA x 5/8" | £0.22 | WSL | 3 BA x 7/8 | £0.40 | 40/440 | 5BA x 3/8" | £0.26 |
| 40/422 | 2BA x 3/4" | £0.22 | 40/430 | 4BA x 1/4" | £0.22 | 40/445 | 6BA x 1/4" | £0.22 |
| 40/423 | 2BA x 1" | £0.28 | 40/431 | 4BA x 7/16" | £0.22 | 40/446 | 6BA x 1/2" | £0.30 |
| 40/427 | 2 BA x 1 1/4 | £0.32 | 40/433 | 4BA x 1/2" | £0.22 | WSL | 8BA x 5/16" | £0.35 |
| 40/424 | 2BA x 1 1/2" | £0.41 | 40/432 | 4BA x 5/8" | £0.22 | WSL | 8BA x 3/8" | £0.35 |
| 40/425 | 2BA x 2" | £0.51 | 40/434 | 4BA x 1" | £0.26 | | | |
| 40/426 | 2BA x 2 1/2" | £0.60 | | | | | | |

Steel Screws cont'd



Countersink

| <u>Code</u> | | <u>10</u> | <u>100</u> | <u>Code</u> | | <u>10</u> | <u>100</u> |
|-------------|---------------|-----------|------------|-------------|--------------|-----------|------------|
| 40/310 | 2 BA x 3/8" | £0.44 | £3.19 | 40/341 | 6 BA x 1/2" | £1.45 | £10.80 |
| 40/311 | 2 BA x 1/2" | £0.44 | £3.19 | 40/342 | 6 BA x 3/4" | £0.72 | £4.62 |
| 40/312 | 2 BA x 5/8 | £0.55 | £3.50 | 40/343 | 6 BA x 1" | £0.94 | £6.60 |
| 40/313 | 2 BA x 1" | £1.55 | £12.40 | 40/350 | 7 BA x 5/8" | £1.75 | £14.00 |
| 40/314 | 2 BA x 1 1/2" | £1.26 | wsl | 40/355 | 8 BA x 3/16" | £0.42 | £3.08 wsl |
| | 3 BA x 1/2 | £1.00 | £8.00 | 40/356 | 8 BA x 1/4"* | £0.42 | £3.08 wsl |
| 40/321 | 3 BA x 1" | £1.55 | £12.40 | 40/359 | 8 BA x 1/2" | £1.31 | £10.50 |
| 40/325 | 4 BA x 1/2" | £1.26 | £10.10 | | 8 BA x 5/8"* | £0.75 | £4.25 |
| 40/326 | 4 BA x 1" | £1.55 | £12.40 | 40/361 | 8 BA x 1" | £1.20 | £8.80 |
| 40/327 | 4 BA x 1 5/8" | £2.25 | £18.00 | | 9 BA x 3/8 | £1.20 | £8.80 |
| 40/330 | 5 BA x 3/8" | £1.00 | £8.40 | 40/370 | 9 BA x 7/16" | £1.20 | £8.80 |
| 40/331 | 5 BA x 1/2" | £1.38 | £11.40 | WSL | 9 BA x 1/2 | £1.20 | £8.80 |
| | 5 BA x 5/8 | £1.20 | £8.80 | WSL | 10 BA x 3/16 | £1.26 | £10.10 |
| 40/332 | 5 BA x 1" | £1.51 | £12.10 | 40/375 | 10 BA x 1/4" | £1.26 | £10.10 |
| 40/340 | 6 BA x 3/8" | £0.80 | £6.20 | 40/376 | 10 BA x 1/2" | £1.38 | £10.90 |
| | * Plated | | | | 12 BA x 1/4 | £1.30 | £9.00 |

Socket Head Countersink

Price Each

| | | | | | | | | |
|--------|---------------|-------|--------|-------------|-------|--------|-------------|-------|
| 40/520 | 2 BA x 1/4" | £0.30 | 40/525 | 3 BA x 3/4" | £0.43 | 40/540 | 6 BA x 1/4" | £0.30 |
| 40/523 | 2 BA x 3/8" | £0.30 | 40/530 | 4 BA x 1/4" | £0.30 | 40/541 | 6 BA x 3/8" | £0.43 |
| 40/521 | 2 BA x 1/2" | £0.30 | 40/531 | 4 BA x 3/8" | £0.30 | 40/542 | 6 BA x 1/2" | £0.43 |
| 40/522 | 2 BA x 3/4" | £0.35 | 40/532 | 4 BA x 1/2" | £0.30 | 40/543 | 6 BA x 5/8" | £0.45 |
| 40/524 | 2 BA x 1 1/4" | £0.50 | 40/535 | 5 BA x 1/2" | £0.43 | | | |
| 40/526 | 2 BA x 1 1/2" | £0.60 | | | | | | |

Socket Head Grub

Price Each

| | | | | | | | | |
|--------|--------------|-------|--------|--------------|-------|--------|--------------|-------|
| 40/620 | 2 BA x 1/4" | £0.28 | 40/635 | 4 BA x 5/8" | £0.46 | 40/645 | 6 BA x 3/4" | £0.58 |
| 40/621 | 2 BA x 1/2" | £0.28 | 40/640 | 6 BA x 3/16" | £0.28 | 40/650 | 8 BA x 1/8" | £1.15 |
| 40/630 | 4 BA x 3/16" | £0.28 | 40/641 | 6 BA x 1/4" | £0.28 | 40/651 | 8 BA x 3/16" | £0.79 |
| 40/633 | 4 BA x 3/8" | £0.28 | 40/642 | 6 BA x 3/8" | £0.28 | 40/652 | 8 BA x 1/4" | £0.79 |
| 40/634 | 4 BA x 1/2" | £0.34 | 40/643 | 6 BA x 1/2" | £0.31 | WSL | 3 BA x 1/2" | £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 | £0.60 | £4.95 | 40/819 | 7BA | £1.05 | £8.40 |
| 40/809 | 2BA | £0.83 | £6.60 | 40/821 | 8BA | £1.39 | £11.12 |
| 40/812 | 3BA | £0.73 | £5.80 | 40/823 | | | |
| 40/813 | 4BA | £0.71 | £5.70 | 40/825 | 10BA | £1.39 | £11.12 |
| 40/815 | 5BA | £0.71 | £5.70 | 40/827 | 12BA | £1.40 | £11.20 |
| 40/817 | 6BA | £0.78 | £6.20 | 40/829 | 14BA | £2.04 | |

Hexagon Full Nuts – Small hex.

| | | | | | |
|-----|-------|-------|-----|-------|-------|
| 2BA | £0.74 | £5.90 | 5BA | £0.80 | £6.40 |
|-----|-------|-------|-----|-------|-------|

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

eg. 40/8171

Stainless Screws

Hexagon Headed Standard size head Price each

| <u>Code</u> | | <u>Code</u> | | |
|-------------|---------------------|-------------|------------|-------|
| 41/022 | no longer available | 41/036 | 8BA x 1/2" | £0.55 |



Cheese Head Price Each

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|------------|-------|-------------|-------------|-------|-------------|-------------|-------|
| 41/120 | 4BA x 1/4" | £0.36 | 41/130 | 8BA x 3/16" | £0.48 | 41/145 | 10BA x 1/4" | £0.56 |
| 41/121 | 4BA x 1/2" | £0.44 | 41/135 | 8BA x 3/4" | £0.63 | 41/146 | 10BA x 1/2" | £0.63 |
| 41/122 | 4BA x 1" | £0.53 | 41/140 | 9BA x 3/8" | £0.68 | | | |



Round Head Price Each (WSL).

| <u>Code</u> | | |
|-------------|------------|-------|
| 41/210 | 2BA x 1/2" | £0.30 |



Countersink Price each

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|------------|-------|-------------|----------------|-------|-------------|----------------|-------|
| 41/310 | 2BA x 1" | £0.63 | 41/317 | 4BA x 5/8" wsl | £0.35 | 41/325 | 5BA x 1/4" | £0.44 |
| 41/315 | 4BA x 1/4" | £0.36 | 41/318 | 4BA x 3/4" | £0.56 | 41/330 | 6BA x 3/8" wsl | £0.44 |
| 41/316 | 4BA x 1/2" | £0.53 | 41/319 | 4BA x 1" | £0.58 | 41/341 | 8BA x 3/4" | £0.58 |



Hexagon Full Nuts (Stainless) Price per 10

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|-----|-------|-------------|-----|-------|-------------|-----|-------|
| 41/815 | 2BA | £1.50 | 41/825 | 4BA | £1.50 | 41/835 | 6BA | £2.00 |

Bronze BA Screws

Hexagon head

| <u>Code</u> | | <u>Each</u> | <u>Pr 10</u> | <u>Code</u> | | <u>Each</u> | <u>Pr 10</u> |
|-------------|----------|-------------|--------------|-------------|----------|-------------|--------------|
| 43/006 | 2BA x 1" | £2.00 | £17.40 | 43/016 | 4BA x 1" | £1.80 | £15.00 |

Hexagon full nuts Pr packet of 10

| | | |
|--------|-----|-------|
| 43/810 | 2BA | £2.94 |
| 43/820 | 4BA | £2.45 |

Brass Screws

Cheese Head

| Code | | <u>10</u> | <u>100</u> | Code | | <u>10</u> | <u>100</u> |
|--------|---------------|-----------|------------|--------|-------------|-----------|------------|
| 42/111 | 2BA x 5/8" | £2.13 | £17.00 | 42/131 | 7BA x 3/4" | £1.73 | £13.80 |
| | 2 BA x 1 1/8" | £2.40 | £17.75 | 42/136 | 8BA x 1/4" | £0.55 | £3.47 |
| 42/116 | 4BA x 1/2" | £0.50 | £3.08 | | 8 BA x 3/8" | £0.60 | £4.50 |
| 42/120 | 5BA x 1/2" | £0.84 | £5.39 | 42/140 | 8BA x 1/2" | £0.72 | £4.62 |
| | 5 BA x 5/8" | £1.00 | £8.00 | 42/150 | 10BA x 3/8" | £1.62 | £11.06 |
| 42/121 | 5BA x 3/4" | £1.00 | £8.00 | 42/151 | 10BA x 3/4" | £1.88 | £15.00 |
| 42/126 | 6BA x 1/2" | £0.54 | £3.52 | 42/152 | 10BA x 1" | £2.16 | £13.86 |
| 42/128 | 6BA x 9/16" | £0.66 | £4.24 | | 12BA x 3/8" | £2.00 | £14.90 |
| 42/127 | 6BA x 3/4" | £0.96 | £6.16 | | | | |



Round Head

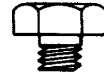
| Code | | <u>10</u> | <u>100</u> | Code | | <u>10</u> | <u>100</u> |
|--------|-------------|-----------|------------|--------|--------------|-----------|------------|
| 42/205 | 1BA x 3/8" | £0.96 | | 42/232 | 6BA x 3/4" | £1.44 | £10.56 |
| 42/210 | 2BA x 5/16" | £1.38 | £11.00 | 42/233 | 6BA x 1 1/4" | £2.25 | £18.00 |
| 42/220 | 4BA x 3/8" | £1.38 | £11.00 | 42/240 | 8BA x 1/4" | £1.20 | £8.14 |
| 42/222 | 4BA x 1" | £2.70 | £17.50 | 42/241 | 8BA x 1/2" | £1.56 | £12.50 |
| 42/225 | 5BA x 5/8" | £1.44 | £11.0 | 42/242 | 8BA x 3/4" | £1.44 | £10.56 |
| 42/230 | 6BA x 1/4" | £1.20 | £9.60 | 42/250 | 10BA x 1/4" | £1.00 | £8.10 |
| 42/231 | 6BA x 1/2" | £0.48 | £3.52 | | 10 BA x 1/2" | £1.50 | £9.75 |
| | * Plated | | | 42/260 | 12BA x 1/2" | £1.57 | £12.76 |



Hexagon Head (Standard size head)

Price per 10 unless stated

| | | | | | | | |
|--------|------------|-------|--|--------|-------------|-------|--|
| 42/014 | 2BA x 1" | £2.82 | | 42/025 | 6BA x 3/8" | £1.60 | |
| WSL | 3BA x 2" | £3.00 | | | 6 BA x 1/2" | £1.70 | |
| 42/016 | 4BA x 3/8" | £1.44 | | 42/026 | 8BA x 1/2" | £1.55 | |
| 42/020 | 5BA x 1/2" | £1.65 | | | | | |



Countersink

| Code | | <u>10</u> | <u>100</u> | Code | | <u>10</u> | <u>100</u> |
|--------|---------------|------------|------------|--------|-------------|-----------|------------|
| | 0 BA x 1 1/2" | £1.00 each | wsl | 42/340 | 7BA x 1/4" | £1.44 | £10.00 |
| 42/315 | 2BA x 3/8" | £1.75 | £14.00 | | 7 BA x 5/8" | £1.50 | £9.25 |
| | 2BA x 11/16" | £0.60 | £4.40 | 42/347 | 8BA x 1/4" | £1.55 | £12.40 |
| 42/317 | 2BA x 1" | £1.68 | £12.10 | 42/348 | 8BA x 1/2" | £1.44 | £10.34 |
| 42/320 | 2BA x 1 3/4" | £2.10 | £15.40 | 42/349 | 8BA x 1" | £1.68 | £12.10 |
| 42/325 | 4BA x 3/8" | £1.34 | £10.70 | WSL | 9BA x 1" | £1.90 | |
| 42/326 | 4BA x 1/2" | £0.60 | £4.40 | 42/357 | 10BA x 1/4" | £1.26 | £10.10 |
| 42/330 | 5BA x 1/2" | £0.60 | £4.40 | 42/359 | 10BA x 1/2" | £1.20 | £8.80 |
| 42/335 | 6BA x 1/4" | £1.16 | £9.30 | 42/361 | 10BA x 3/4" | £1.92 | £13.20 |
| 42/336 | 6BA x 1/2" | £0.55 | £3.96 | 42/365 | 12BA x 3/8" | £1.32 | £9.90 |
| 42/337 | 6BA x 3/4" | £1.18 | £9.24 | 42/370 | 14BA x 1/4" | £2.56 | £18.70 |
| 42/339 | 6BA x 1 1/2" | £1.50 | £12.00 | | | | |



* Plated

Add 1 to the end of the code for qnty. 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 | £2.40 | 42/725 | 4BA | £3.40 | 42/740 | 7BA | £4.60 |
| 42/720 | 3BA | £2.80 | 42/730 | 5BA | £3.00 | 42/745 | 8BA | £6.72 |
| | | | 42/735 | 6BA | £3.40 | | | |

Full Nuts

| <u>Code</u> | <u>10</u> | <u>100</u> | <u>Code</u> | <u>10</u> | <u>100</u> | | |
|-------------|-----------|------------|-------------|-----------|------------|-------|-------|
| 42/812 | 1BA | £0.75 | £6.00 | 42/826 | 8BA | £0.85 | £6.80 |
| 42/814 | 2BA | £0.75 | £6.00 | 42/828 | 9BA | £1.20 | £7.70 |
| 42/816 | 3BA | £0.83 | £6.60 | 42/830 | 10BA | £1.03 | £8.20 |
| 42/818 | 4BA | £0.75 | £6.00 | 42/832 | 12BA | £1.15 | £9.20 |
| 42/820 | 5BA | £0.78 | £6.20 | 42/834 | 14BA | £1.50 | £9.40 |
| 42/822 | 6BA | £0.75 | £6.00 | | | | |
| 42/824 | 7BA | £0.75 | £6.00 | | | | |

Half Nuts

| <u>Code</u> | <u>10</u> | <u>100</u> | <u>Code</u> | <u>10</u> | <u>100</u> | | |
|-------------|--------------------|------------|-------------|-----------|------------|-------|-------|
| 42/850 | 2BA | £0.60 | £5.05 | 42/856 | 5BA | £0.63 | £5.05 |
| 42/852 | 3BA - unobtainable | | | 42/858 | 6BA | £0.65 | £5.20 |
| 42/854 | 4BA | £0.85 | £6.80 | 42/862 | 8BA | £0.80 | £6.30 |
| | 1/8" x 40 TPI | £0.48 | | | | | |

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) | £0.85 each | | | |
| A220 | M6 x 20mm hex head bolts (brass) | £2.06 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> | |
|-------------|---------------|-----------|------------|-------------|----------------|-----------|-----|
| | 1/4" x 1/2" | £2.40 | £17.60 | | 5/16" x 1 5/8" | £5.98 | wsl |
| | 1/4" x 3/4" | £2.64 | £19.36 | | 3/8" x 1 3/4" | £6.18 | wsl |
| | 1/4" x 1" | £2.88 | £21.12 | | 3/8" x 4" | £9.96 | wsl |
| | 1/4" x 1 1/4" | £3.84 | £30.80 | | | | |

Socket cap head

| <u>Code</u> | | <u>10</u> | <u>100</u> | <u>Code</u> | | <u>10</u> | |
|-------------|----------------|-----------|------------|-------------|---------------|-----------|-----|
| | 1/4" x 1" | £3.50 | £28.00 | | 5/16" x 1" | £5.40 | wsl |
| | 1/4" x 1 1/2" | £3.60 | £30.00 | | 1/2" x 3 1/2" | £8.64 | wsl |
| | 5/16" x 1 1/2" | £4.80 | | | | | |

Studs Qty 10

| <u>Code</u> | | | <u>Code</u> | | |
|-------------|---------------|-------|-------------|----------------|-------|
| A260 | 1/4" x 1" | £5.50 | A260/1 | 5/16" x 1 3/8" | £5.75 |
| A261 | 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 | £0.60 | £3.70 | A238 | 5/16" | £0.95 | £5.99 |
| A237 | 1/4" | £0.76 | £4.59 | | 3/8" | £1.16 | £9.24 |
| | 1/4" Lock nuts | £0.76 | £4.59 | | | | |
| | | | 1/4 BSF Bright nickel plate dome nuts | | | £6.48 | £51.84 |

Grubscrews Qty 10

| | | | | | |
|------|-------------|-------|--|-------------|-------|
| A262 | 1/4" x 1/4" | £2.20 | | 1/4" x 3/8" | £2.37 |
|------|-------------|-------|--|-------------|-------|

Button head cap screws

| | | | |
|------|-------------|-------|------------|
| A264 | 1/4" x 3/4" | £0.95 | Price each |
|------|-------------|-------|------------|

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> |
|-------------|-------------|------------|--------------|-------------|-------------|------------|--------------|
| 45/501 | 1/16" dia. | 4 | £0.86 | 45/509 | 5/16" dia | 3 | £1.62 |
| 45/502 | 3/32" dia | 4 | £0.86 | 45/510 | 11/32" dia | 3 | £1.75 |
| 45/503 | 1/8" dia. | 4 | £0.86 | 45/511 | 3/8" dia | 3 | £1.92 |
| 45/504 | 5/32" dia | 4 | £0.86 | 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 | £1.24 | 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 | 45/516 | 3/4" dia | 1 | £4.75 |
| | | | | 45/517 | 7/8" dia | 1 | £4.80 |

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 | £2.00 | 45/527 | 7/16" dia | 2 | £5.62 |
| 45/521 | 5/32" dia | 4 | £2.30 | 45/528 | 1/2" dia | 1 | £2.60 |
| 45/522 | 3/16" dia | 4 | £1.75 | 45/529 | 9/16 dia | 1 | £5.72 |
| 45/523 | 7/32" dia | 2 | £1.36 | 45/530 | 5/8" dia | 1 | £9.87 |
| 45/524 | 1/4" dia | 2 | £1.24 | | | | |
| 45/525 | 5/16" dia | 2 | £3.96 | | | | |
| 45/526 | 3/8" dia | 2 | £4.73 | | | | |

Washers.**Plain** Packets of 100 for steel. For other materials, packets of 20.

| | <u>Brass</u> | <u>Stainless</u> | <u>Steel</u> | <u>Fibre</u> | <u>Copper</u> |
|-------|--------------|------------------|--------------|--------------|---------------|
| 0BA | £1.00 | £ | £1.20 | £1.00 | £3.80 |
| 1BA | £1.00 | £ | £ | £ | £ |
| 2BA | £1.00 | £ | £2.30 | £1.00 | £3.40 |
| 3BA | £1.00 | £ | £ | £ | £ |
| 4BA | £1.00 | £ | £2.10 | £ | £ |
| 5BA | £1.00 | £ | £2.10 | £ | £2.85 |
| 6BA | £1.00 | £ | £3.00 | £ | £ |
| 7BA | £1.00 | £ | £ | £ | £ |
| 8BA | £1.00 | £ | £4.40 | £1.00 | £ |
| 9BA | £1.00 | £ | £ | £ | £ |
| 10BA | £1.00 | £ | £4.40 | £ | £ |
| 12BA | £1.00 | £ | £ | £ | £ |
| 1/8" | £1.00 | £ | £2.30 | £ | £2.85 |
| 5/32" | £ | £ | £ | £ | £3.00 |
| 3/16" | £1.00 | £ | £2.30 | £1.00 | £3.40 |
| 1/4" | £1.20 | £ | £2.50 | £1.00 | £3.80 |
| 5/16" | £1.70 | £ | £3.10 | £ | £4.10 |
| 3/8" | £2.10 | £ | £3.20 | £1.05 | £4.23 |
| 7/16" | £2.20 | £ | £ | £1.15 | £ |
| 1/2" | £3.20 | £ | £ | £1.25 | £7.20 |
| 5/8" | £ | £ | £ | £1.65 | £ |
| 3/4" | £4.10 | | £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> | |
|-------------|----------------|------------|-------|-------------|-------------|------------|-------|
| 44/011 | 5/16" ID | 10 | £ | 44/018 | 3/8" BSP | 10 | £ |
| 44/012 | 3/8" ID 1/8BSP | 10 | £ | 44/019 | 1/2" BSP | 10 | £5.16 |
| 44/013 | 7/16" ID | 10 | £3.23 | 44/020 | 5/8" BSP | 5 | £3.50 |
| 44/014 | 1/2" ID 1/4BSP | 10 | £ | 44/021 | 3/4" BSP. | 2 | £2.50 |
| 44/015 | 9/16" ID | 10 | £3.23 | 44/022 | 1" BSP | 2 | £3.10 |
| 44/016 | 11/16" ID | 10 | £3.23 | | | | |

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 | £2.90 | 44/035 | 5/16" ID | £4.18 |
| 44/031 | 5/32" ID | £3.15 | 44/036 | 3/8" ID | £4.61 |
| 44/032 | 3/16" ID | £3.40 | 44/037 | 7/16" ID | £4.76 |
| 44/033 | 7/32" ID | £3.55 | 44/038 | 1/2" ID | £5.36 |
| 44/034 | 1/4" ID | £3.80 | | | |

BSP Copper sealing washers – 1.5mm thick

Quantity – 10 pr packet

| | | | | | |
|--------|---------|-------|--------|---------|-------|
| 44/040 | 1/8 BSP | £2.32 | 44/042 | 3/8 BSP | £3.32 |
| 44/041 | 1/4 BSP | £2.92 | 44/043 | 1/2 BSP | £3.50 |

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 | £2.30 | £5.30 | | |
| 1 B. A. | 0.208" -- 28.2 tpi. | 4.50mm | £2.30 | £5.30 | | |
| 2 B. A. | 0.185" -- 31.4 tpi. | 4.00mm | £2.05 | £5.25 | £4.10 | £16.20 |
| 3 B. A. | 0.161" -- 34.8 tpi. | 3.40mm | £2.30 | £5.30 | £11.00 | £34.67 |
| 4 B. A. | 0.141" -- 38.5 tpi. | 3.00mm | £2.05 | £5.25 | £4.10 | £18.00 |
| 5 B. A. | 0.126" -- 43.0 tpi. | 2.65mm | £2.14 | £5.25 | £6.80 | £18.00 |
| 6 B. A. | 0.110" -- 47.9 tpi. | 2.30mm | £2.21 | £5.25 | £7.10 | £18.00 |
| 7 B. A. | 0.098" -- 52.9 tpi. | 2.05mm | £3.50 | £10.20 | | |
| 8 B. A. | 0.086" -- 59.1 tpi. | 1.80mm | £2.63 | £9.15 | £10.20 | £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 | £11.45 | £23.00 | £48.00 |
| 11 B. A. | 0.059" -- 81.9 tpi. | 1.20mm | £10.62 | £14.05 | | |
| 12 B. A. | 0.051" -- 90.9 tpi. | 1.05mm | £10.76 | £14.05 | | |
| 14 B. A. | 0.039" -- 109.9 tpi. | 0.80mm | P O A | P O A | | |

| Metric taps, dies and tapping drills. All price each. | | | | | | |
|-------------------------------------------------------|------------|----------------|---------------|-------|--------|--------|
| Size, mm. | Pitch, mm. | Tapping drill, | Carbon steel. | | H.S.S. | |
| | | | Tap | Die | Tap | Die |
| 1.4 mm | 0.30 mm | 1.10 mm | | | £15.57 | |
| 2.00 mm | 0.40 mm | 1.60 mm | £2.73 | £6.85 | £11.90 | £30.60 |
| 2.50 mm | 0.45 mm | 1.75 mm | £2.73 | £7.02 | £9.06 | £29.35 |
| 3.00 mm | 0.50 mm | 2.50 mm | £2.73 | £5.25 | £6.63 | £17.20 |
| 3.50 mm | 0.60 mm | 2.90 mm | £2.73 | £5.44 | £6.75 | £21.40 |
| 4.00 mm | 0.70 mm | 3.30 mm | £2.73 | £5.25 | £5.99 | £17.07 |
| 5.00 mm | 0.80 mm | 4.20 mm | £2.73 | £5.25 | £3.55 | £9.82 |
| 6.00 mm | 1.00 mm | 5.00 mm | £2.75 | £5.25 | £3.55 | £9.82 |
| 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 | £6.80 | £10.40 |
| 10.00 mm | 1.00 mm ** | 9.00 mm | £ | £ | | |
| 10.00 mm | 1.25 mm ** | 8.75 mm | £ | £ | | |
| 10.00 mm | 1.50 mm | 8.50 mm | £3.20 | £6.53 | £8.70 | £10.80 |
| 12.00 mm | 1.00 mm ** | 11.00 mm | £ | £ | | |
| 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 | |

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 | £4.85 | £7.20 | £8.87 | £12.50 |
| 1/4" BSP | 19 tpi. | 0.518" | 11.80mm | £5.00 | £10.35 | £12.85 | £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 | £30.00 | £54.00 |
| 3/4" BSP | 14 tpi. | 1.041" | 24.50mm | | £19.08 | £43.00 | £72.00 |
| 1/8" BSPT | 28 tpi | 0.383" | 8.4 mm *** | | | £13.71 | £38.25 |
| 1/4" BSPT | 19 tpi | 0.518" | 11.2mm *** | £11.22 | 41.76 | £15.90 | £54.80 |
| 3/8" BSPT | 19 tpi | 0.656" | 14.75mm *** | £14.63 | | £21.40 | £68.00 |

*** 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 | £ 6.06 | £ 13.70 |
| 5/16 dia. | 7.1mm | £ 3.54 | £ 8.05 | £ 11.83 | £ 15.60 |
| 3/8 dia. | 8.7mm | £ 4.22 | £ 8.05 | £ 15.52 | £ 15.60 |
| 7/16 dia. | 10.3mm | £ 5.25 | £ 9.36 | £ 19.26 | £ 23.55 |
| 1/2 dia. | 11.8mm | £ 5.92 | £ 9.35 | £ 19.26 | £ 23.55 |
| 9/16 dia | | £ 7.32 | £ 12.65 | £ 21.46 | £30.00 |
| 5/8 dia | 15.0mm | £ 8.05 | £ 18.90 | £ 24.35 | |
| 3/4 dia. | 18.1mm | £ 9.25 | £ 24.44 | £ 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 | | £ 2.72 | £ 5.78 | £ | £ |
| 3/16 dia | | £ 2.72 | £ 5.25 | £ 9.86 | £ 27.56 |
| 1/4 dia | 5.6mm | £ 4.22 | £ 7.23 | £ | £ |
| 9/32 dia | 6.4mm | £ 4.22 | £ 7.23 | £ 11.51 | £ 25.15 |
| 5/16 dia | 7.2mm | £ 5.72 | £ 7.59 | £ 16.86 | £ 25.15 |
| 3/8 dia | 8.8mm | £ 4.68 | £ 7.59 | £ 16.86 | £ 25.15 |
| 7/16 dia | 10.4mm | £ 5.89 | £ 10.76 | £ 19.48 | £ 25.15 |
| 1/2 dia | 12.0mm | £ 6.64 | £ 10.76 | £ 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 | £ 2.75 | £ 5.86 | £ 9.90 | £ 18.52 |
| 5/32 dia. | 3.4mm | £ 2.75 | £ 5.86 | £ 19.26 | £ 39.60 |
| 3/16 dia. | 4.2mm | £ 2.75 | £ 5.86 | £ 11.09 | £ 39.60 |
| 7/32 dia. | 5.0mm | £ 2.75 | £ 5.86 | £ 16.32 | £ 39.60 |
| 1/4 dia. | 5.7mm | £ 2.75 | £ 5.86 | £ 10.97 | £ 22.47 |
| 5/16 dia. | 7.3mm | £ 4.28 | £ 9.51 | £ 16.59 | £ 25.15 |
| 3/8 dia | 8.9mm | £ 4.68 | £ 9.51 | £ 19.26 | £ 25.15 |
| 7/16 dia | | £ 5.25 | £ 10.76 | £ 16.32 | £ 25.15 |
| 1/2 dia. | | £ 6.15 | £ 10.76 | £ 19.59 | £ 25.42 |

| 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 | £ 4.35 | £ 14.27 |
| 5/16 BSF | 22 TPI | 6.9mm | £ 2.89 | £ 6.53 | £ 6.42 | £ 17.70 |
| 3/8 BSF | 20 TPI | 8.4mm | £ 3.21 | £ 7.50 | £ 8.03 | £ 17.70 |
| 1/4 BSW | 20 TPI | 5.3mm | £ 2.95 | £ 6.48 | £ 5.46 | £ 17.70 |
| 5/16 BSW | 18 TPI | 6.7mm | £ 3.00 | £ 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.

| H.S.S. Slot drills and End mills. Screwed shank | | | | | | | | |
|-------------------------------------------------|----------------|-------------------------|-----------------------|--|----------------------|------------------|-------------------------|-----------------------|
| 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 | £12.30 | | | 1/16" | 1/4" | £9.43 | |
| 2 mm | 6 mm | £12.30 | 15.90 | | 3/32" | 1/4" | £9.43 | £15.90 |
| 2.5 mm | 6 mm | £11.70 | | | 1/8" | 1/4" | £11.70 | £10.85 |
| 3 mm | 6 mm | £11.60 | £12.75 | | 5/32" | 1/4" | £11.70 | £12.75 |
| 3.5 mm | 6 mm | £11.20 | | | 3/16" | 1/4" | £11.70 | £10.85 |
| 4 mm | 6 mm | £10.63 | £10.63 | | 7/32" | 1/4" | £11.87 | £11.90 |
| 5 mm | 6 mm | £10.63 | £10.63 | | 1/4" | 1/4" | £11.48 | £10.89 |
| 5.5 mm | 6 mm | | £16.90 | | 9/32" | 3/8" | £12.68 | £15.27 |
| 6 mm | 6 mm | £10.63 | £10.63 | | 5/16" | 3/8" | £10.30 | £10.60 |
| 7 mm | 10 mm | £10.63 | £10.63 | | 11/32" | 3/8" | | £15.27 |
| 7.5 mm | 10 mm | | £10.63 | | 3/8" | 3/8" | £10.63 | £10.25 |
| 8 mm | 10 mm | £10.21 | £9.55 | | 7/16" | 1/2" | £12.95 | £15.19 |
| 10 mm | 10 mm | £11.06 | £9.75 | | 1/2" | 1/2" | £12.70 | £14.78 |
| 11 mm | 12 mm | £11.06 | | | 9/16" | 5/8" | £15.55 | £15.85 |
| 12 mm | 12 mm | £11.60 | £11.75 | | 5/8" | 5/8" | £17.05 | £17.30 |
| 16 mm | 16 mm | £17.05 | | | 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" £5.29 No 1 1/16" – 3/8" £6.51
 No 2 5/32" – 1/2" £9.00 No 3 7/32" – 3/4" £12.95

Center drills.

| Size | Body Dia. | Pilot Dia. | Price |
|------|-----------|------------|--------|
| BS 1 | 1/8" | 3/64" | £2.60 |
| BS 2 | 3/16" | 1/16" | £3.20 |
| BS 3 | 1/4" | 3/32" | £3.88 |
| BS 4 | 5/16" | 1/8" | £4.55 |
| BS 5 | 7/16" | 3/16" | £8.20 |
| BS 6 | 5/8" | 1/4" | £18.00 |

H.H.S. Straight shank twist drills.

| Size | Price each | Size | Price each | Size | Price each |
|-------|------------|-------|------------|-------|------------|
| 1/64 | £1.95 | 3/16 | £1.55 | 23/64 | £3.85 |
| 1/32 | £1.90 | 13/64 | £1.70 | 3/8 | £4.25 |
| 3/64 | £1.93 | 7/32 | £1.90 | 25/64 | £4.55 |
| 1/16 | £1.89 | 15/64 | £2.30 | 13/32 | £4.80 |
| 5/64 | £1.89 | 1/4 | £2.50 | 27/64 | £4.95 |
| 3/32 | £1.89 | 17/64 | £2.90 | 7/16 | £4.95 |
| 7/64 | £1.50 | 9/32 | £2.90 | 29/64 | £5.25 |
| 1/8 | £1.25 | 19/64 | £2.95 | 15/32 | £5.45 |
| 9/64 | £1.25 | 5/16 | £3.10 | 31/64 | £6.30 |
| 5/32 | £1.25 | 21/64 | £3.15 | 1/2 | £5.85 |
| 11/64 | £1.50 | 11/32 | £3.38 | | |

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 | 2.55 | £1.90 | 5.5 | £2.30 | 8.2 | £3.75 |
| 0.7 | £2.35 | 2.6 | £1.64 | 5.8 | £2.30 | 8.5 | £3.60 |
| 0.8 | £2.35 | 2.7 | £1.20 | 6.0 | £2.05 | 8.6 | £3.80 |
| 1.0 | £1.45 | 2.8 | £1.20 | 6.1 | £2.45 | 8.8 | £3.80 |
| 1.1 | £1.45 | 2.9 | £1.05 | 6.2 | £2.45 | 9.0 | £4.10 |
| 1.2 | £2.00 | 3.0 | £1.05 | 6.3 | £2.45 | 9.2 | £4.80 |
| 1.3 | £1.45 | 3.2 | £1.10 | 6.4 | £2.45 | 9.3 | £4.80 |
| 1.4 | £1.40 | 3.3 | £1.05 | 6.5 | £2.40 | 9.6 | £5.77 |
| 1.5 | £1.12 | 3.5 | £1.10 | | | | |
| 1.55 | £2.10 | 4.0 | £1.20 | 6.6 | £2.45 | 9.7 | £5.77 |
| 1.6 | £1.30 | 4.1 | £1.35 | 6.8 | £2.45 | 10.0 | £5.90 |
| 1.7 | £1.40 | 4.2 | £1.35 | 6.9 | £2.60 | 10.1 | £6.20 |
| 1.8 | £1.42 | 4.3 | £1.35 | 7.0 | £2.85 | 10.2 | £6.20 |
| 1.9 | £1.50 | 4.4 | £1.35 | 7.1 | £3.20 | 10.3 | £6.25 |
| 1.95 | £1.90 | 4.5 | £1.35 | 7.2 | £3.20 | 10.4 | £6.25 |
| 2.0 | £1.48 | 4.6 | £1.35 | 7.3 | £3.20 | 10.5 | £6.30 |
| 2.05 | £1.30 | 4.7 | £1.35 | 7.5 | £3.20 | 10.8 | £6.45 |
| 2.1 | £1.50 | 4.8 | £1.50 | 7.6 | £3.20 | 10.9 | £6.50 |
| 2.2 | £1.20 | 5.0 | £1.60 | 7.7 | £3.30 | 11.0 | £6.50 |
| 2.3 | £1.62 | 5.1 | £2.05 | 7.8 | £3.30 | 11.5 | £7.10 |
| 2.4 | £1.20 | 5.2 | £2.05 | 8.0 | £3.70 | 11.8 | £8.40 |
| 2.5 | £1.05 | 5.4 | £2.20 | 8.1 | £3.75 | 12.0 | £8.80 |

BA spanner sets

| | | |
|---------------------|---------------------------|--------|
| Box spanners | 0,1,2,3,4,5,6,7,8,9,10 | £21.84 |
| Open ended spanners | 0,1,2,3,4,5,6,7,8,9,10,11 | £14.08 |

Pipe bender

| | | | |
|----------------------------|--------|------------------------|--------|
| For 1/8, 3/16 and 1/4 pipe | £18.46 | For 6, 8 and 10mm pipe | £24.75 |
|----------------------------|--------|------------------------|--------|

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 | £0.50 | | | |
| 0.035" A/F | for 8BA, 2UNC grub screws | £0.30 | | | |
| 0.050" A/F | for 6BA, 3 & 4 UNC grub, 6BA Csk | £0.30 | | | |
| 1/16" A/F | for 4BA, 6UNC, 1/8W grub, 8BA cap, 4BA Csk | £0.30 | | | |
| 5/64" A/F | for 3BA, 8UNC, 5/32W grub, 6BA, 4UNC cap, 3BA, 5UNC csk | £0.30 | | | |
| 3/32" A/F | for 2BA, 10UNC, 3/16W grub, 4BA, 5 & 6 UNC 1/8W cap, 2BA 8UNC 3/16 csk | £0.30 | | | |
| 1/8" A/F | for 0BA, 1/4W grub, 3BA, 8UNC cap, 0BA, 10UNC csk | £0.40 | | | |
| 5/32" A/F | £0.60 | 3/16" A/F | £0.60 | 7/32" A/F | £0.60 |
| 1.5mm | £0.30 | 2.0mm | £0.30 | 2.5mm | £0.35 |
| 3.0mm | £0.40 | 4.0mm | £0.50 | 5.0mm | £0.55 |
| 6.0mm | £0.55 | 7.0mm | £0.60 | 8.0mm | £0.60 |

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 | £2.29 | 60/013 | 3/16" | 5/16" x 32 | £3.38 |
| 60/011 | 1/8" | 1/4" x 40 | £3.29 | 60/014 | 1/4" | 3/8" x 32 | £3.75 |
| 60/012 | 5/32" | 1/4" x 40 | £3.29 | 60/015 | 5/16" | 1/2" x 26 | £4.56 |
| | | | | 60/016 | 3/8" | 9/16" x 26 | £8.88 |

Double end pipe unions (Complete) Price each.

| <u>Pipe Size</u> | | | <u>Pipe size</u> | | | <u>Pipe size</u> | | |
|------------------|-------|-------|------------------|-------|-------|------------------|-------|--------|
| 60/020 | 3/32" | £2.50 | 60/022 | 5/32" | £3.63 | 60/024 | 1/4" | £4.00 |
| 60/021 | 1/8" | £3.63 | 60/023 | 3/16" | £3.35 | 60/025 | 5/16" | £5.54 |
| | | | | | | 60/026 | 3/8" | £10.18 |



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 | £1.71 | 60/033 | 3/16" | 5/16" x 32 | £1.75 |
| 60/031 | 1/8" | 1/4" x 40 | £1.71 | 60/034 | 1/4" | 3/8" x 32 | £2.30 |
| 60/032 | 5/32" | 1/4" x 40 | £1.71 | 60/035 | 5/16" | 1/2" x 26 | £3.96 |
| | | | | 60/036 | 3/8" | 9/16" x 26 | £10.58 |

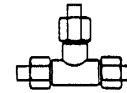
Nipples (Solder) Price Per 10.

| <u>Pipe size</u> | | | <u>Pipe size</u> | | | <u>Pipe size</u> | | |
|------------------|-------|-------|------------------|-------|-------|------------------|-------|-------|
| 60/040 | 3/32" | £3.00 | 60/042 | 5/32" | £3.42 | 60/044 | 1/4" | £3.71 |
| 60/041 | 1/8" | £3.50 | 60/043 | 3/16" | £3.71 | 60/045 | 5/16" | £6.42 |
| | | | | | | 60/046 | 3/8" | £6.79 |



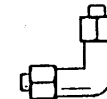
Pipe "Tees" Price each, complete with nuts and solder nipples.

| <u>Pipe size</u> | | | <u>Pipe size</u> | | | <u>Pipe size</u> | | |
|------------------|-------|-------|------------------|-------|-------|------------------|------|--------|
| 60/050 | 3/32" | £6.30 | 60/052 | 5/32" | £7.02 | 60/054 | 1/4" | £7.46 |
| 60/051 | 1/8" | £7.02 | 60/053 | 3/16" | £7.21 | 60/056 | 3/8" | £11.46 |



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" | £6.83 | 60/064 | 1/4" | £6.96 |
| 60/061 | 1/8" | £6.83 | 60/063 | 3/16" | £6.83 | 60/066 | 3/8" | £10.40 |

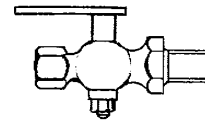


Safety Valves Loco type. Price each.

| | | | | | |
|--------|---------------|--------|--------|--------------|--------|
| 60/143 | 5/16" x 26TPI | £17.71 | 60/146 | 3/8" x 32TPI | £20.25 |
| 60/144 | 5/16" x 32TPI | £17.71 | 60/147 | 1/2" x 26TPI | £27.18 |
| 60/145 | 3/8" x 26TPI | £20.25 | | | |

Cylinder drain cocks Traction engine type. Price per pair.

| | | | | | |
|--------|---------------|--------|--------|----------------|---------|
| 60/121 | 1/4" x 32 tpi | £47.25 | 60/123 | 5/16" x 32 tpi | £47.25 |
| 60/124 | 1/8" BSP | £53.00 | 60/125 | M10 x 1mm | £53.00 |
| 60/122 | 1/4" x 40 tpi | £47.25 | 60/126 | 1/4 BSP | £ 71.00 |



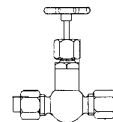
Cylinder drain cocks Loco type. Price for set of 4 (2 left, 2 right).

| | | | | | |
|--------|----------------|--------|--------|----------------|------------|
| 60/131 | 5/32" x 40 tpi | £25.08 | 60/133 | 1/4" x 40 tpi | £27.42 |
| 60/132 | 3/16" x 40 tpi | £25.08 | 60/134 | 5/16" x 40 tpi | £29.79 |
| | | | | 5/16" x 32 tpi | £29.79 WSL |



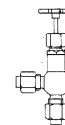
Globe Valves 180 Price each.

| Code | Pipe Size | Price | Code | Pipe Size | Price | Code | Pipe Size | Price |
|--------|------------------------------------|--------|--------|-----------|--------|--------|-----------|--------|
| 60/070 | 3/32 | £15.21 | 60/073 | 3/16" | £18.13 | 60/075 | 5/16" | £35.58 |
| 60/071 | 1/8" | £15.21 | 60/074 | 1/4" | £20.13 | 60/076 | 3/8" | £35.58 |
| 60/072 | 5/32" | £15.21 | | | | | | |
| 60/077 | 1/4 BSP to 3/8 pipe manifold valve | | | | £38.00 | | | |



Globe Valves 90 Price each.

| Code | Pipe Size | Price | Code | Pipe Size | Price | Code | Pipe Size | Price |
|--------|------------------------------------|--------|--------|-----------|--------|--------|-----------|--------|
| 60/080 | 3/32 | £15.63 | 60/083 | 3/16" | £17.46 | 60/085 | 5/16" | £35.58 |
| 60/081 | 1/8" | £15.63 | 60/084 | 1/4" | £20.63 | 60/086 | 3/8" | £35.58 |
| 60/082 | 5/32 | £15.63 | | | | | | |
| 60/087 | 1/4 BSP to 3/8 pipe manifold valve | | | | £38.00 | | | |



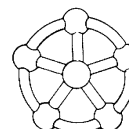
Spare Handwheel (3 spoke M/Ced.) Price each.

| Code | Dia | Tapped | Price | Code | Dia | Tapped | Price |
|--------|--------|--------|-------|--------|--------|--------|-------|
| 60/601 | 1/2" | 8 BA | £3.44 | 60/605 | 3/4" | 6 BA | £4.00 |
| 60/602 | 9/16" | 8 BA | £3.42 | | | | |
| 60/603 | 5/8" | 6 BA | £3.55 | 60/606 | 1" | 6 BA | £4.40 |
| 60/604 | 11/16" | 6 BA | £3.92 | 60/607 | 1 1/4" | Blank | £6.55 |



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

| Code | Dia | Price | Code | Dia | Price | Code | Dia | Price |
|--------|------|-------|--------|--------|-------|--------|--------|-------|
| 60/610 | 5/8" | £3.49 | 60/614 | 1 1/4" | £5.88 | 60/618 | 1 3/4" | £9.42 |
| 60/611 | 7/8 | £3.49 | 60/616 | 1 1/2" | £7.05 | | | |

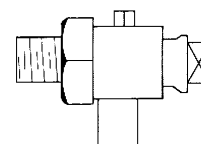


Floor Mounted Water Bypass Valves Price each.

| Pipe Size | Price | Pipe Size | Price | Pipe Size | Price |
|-----------|--------|-----------|--------|-----------|--------|
| 5/32" | £12.16 | 3/16" | £13.73 | 1/4" | £15.25 |

Blowdown Valves Price each.

| | | | | | |
|--------|----------------|--------|--------|---------------|--------|
| 60/101 | 1/4" x 40 TPI | £10.50 | 60/106 | 1/2" x 26 TPI | £12.70 |
| 60/102 | 5/16" x 32 TPI | £10.50 | 60/111 | 1/4" BSP | £30.63 |
| 60/103 | 5/16" x 40 TPI | £10.50 | 60/112 | 3/8" BSP | £34.21 |
| 60/104 | 3/8" x 32 TPI | £11.10 | 60/113 | 1/2" BSP | £38.12 |
| 60/105 | 3/8" x 26 TPI | £11.10 | | | |

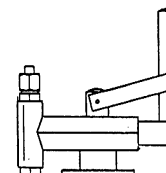


Plug Type Water Valves - Inline (90deg on/off) Price each.

| Code | Pipe Size | Price | Code | Pipe Size | Price | Code | Pipe Size | Price |
|--------|-----------|--------|--------|-----------|--------|--------|-----------|--------|
| 60/091 | 1/8" | £16.98 | 60/093 | 3/16" | £20.55 | 60/095 | 5/16" | £23.05 |
| 60/092 | 5/32" | £16.98 | 60/094 | 1/4" | £21.55 | 60/096 | 3/8" | £23.05 |

Hand Pumps Price each

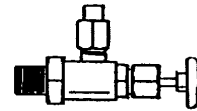
| | | | | | |
|-----------|-----------|--------|------------|--------------|--------|
| 5/16" Ram | 1/8 pipe | £32.30 | 5/8" Ram | 1/4 pipe | £45.17 |
| 3/8" Ram | 5/32 pipe | £34.24 | 3/4" Ram | 3/8 pipe | £47.44 |
| 1/2" Ram | 3/16 pipe | £38.28 | 3/4 " Ram, | pipe to pipe | £50.74 |



NOTE Please see page 28 regarding BSP sizes.

Blower Valves Boiler stay type. Price each.

| <u>Pipe/stay Size</u> | <u>External</u> | <u>Internal</u> | |
|-----------------------|-----------------|-----------------|--------|
| 5/32" | 1/4" x 40 | 5/32" x 40 | £13.88 |
| 5/32" | 3/8" x 40 | 1/4" x 40 | £13.42 |
| 5/32" | 5/16" x 40 | 3/16" x 40 | £13.14 |



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

| <u>Pipe Size</u> | <u>Thread</u> | | <u>Pipe Size</u> | <u>Thread</u> | |
|------------------|---------------|--------|------------------|---------------|--------|
| 1/8" | 1/4" x 40 | £12.15 | 1/4" | 3/8" x 32 | £13.92 |
| 5/32" | 1/4" x 40 | £12.15 | 5/16" | 9/16" x 26 | £29.58 |
| 3/16" | 5/16" x 32 | £12.90 | 3/8" | 9/16" x 26 | £29.58 |

Check or Non-Return Valves Price each. (90 Deg)

| | <u>Pipe size</u> | <u>Thread</u> | |
|--------|------------------|---------------|--------|
| 60/160 | 3/32" | 3/16" x 40 | £9.87 |
| 60/161 | 1/8" | 1/4" x 40 | £9.87 |
| 60/162 | 5/32" | 1/4" x 40 | £9.87 |
| 60/163 | 3/16" | 5/16" x 32 | £11.35 |
| 60/164 | 1/4" | 3/8" x 32 | £11.40 |
| 60/165 | 1/4" | 1/4 BSP | £24.60 |
| 60/166 | 5/16" | 1/2" x 26 | £18.60 |
| 60/167 | 5/16" | 1/4 BSP | £26.80 |
| 60/168 | 3/8" | 1/4 BSP | £26.80 |

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" | £9.53 | 60/174 | 1/4" £10.73 |
| 60/172 | 5/32" | £9.53 | 60/175 | 5/16" £15.30 |
| 60/173 | 3/16" | £9.84 | 60/176 | 3/8" £19.70 |

Whistle Valves Price each.

| | | | | |
|--------|------------------------------------|----------|--------|-----------------------------------|
| 60/440 | 1/8" pipe | 1/4 x 40 | £14.50 | (will suite loco whistles) |
| 60/442 | 3/8 x 32 male to 3/8 x 32 female | | £22.90 | (will suite 4 tone chime whistle) |
| 60/443 | 5/16 x 32 male to 5/16 x 32 female | | £22.00 | (will suite 3 tone chime whistle) |

Whistle Loco type. Price each.

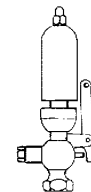
| | | | | | |
|--------|------|--------|--------|------|--------|
| 60/420 | 3/8" | £9.58 | 60/421 | 1/2" | £10.83 |
| 60/422 | 5/8" | £12.50 | | | |



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

| | | | | |
|--------|----------|-------------------|--------------------|---------|
| 60/410 | 3" Scale | Tapped 5/16 x 32. | Stands 3 1/8" high | £59.50 |
| 60/411 | 4" Scale | Tapped 1/8" BSP. | Stands 4 1/4" high | £71.50 |
| 60/412 | | Tapped 1/4 BSP. | Stands 6 1/2" high | £134.00 |
| 60/413 | 6" Scale | Tapped 3/8" BSP. | Stands 7 1/4" high | £198.00 |

See page 38 for suitable brass chain.



Chime Whistle Price each

60/430 3 tone Chime whistle in polished brass £44.00

60/431 4 tone Chime whistle in polished brass £65.63

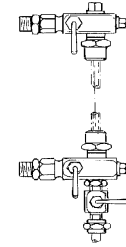


Water Gauges-Single valve Price each.

| | <u>Thread</u> | <u>Glass size</u> | | <u>Thread</u> | <u>Glass size</u> | | |
|--------|---------------|-------------------|--------|---------------|-------------------|-----|--------|
| 60/210 | 3/16" x 40 | 4 mm | £28.04 | 60/215 | 5/16" x 32 | 6mm | £31.21 |
| 60/212 | 1/4" x 40 | 5mm | £26.89 | 60/216 | 3/8" x 32 | 7mm | £33.46 |

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 | £123.90 |
| 60/221 | 4" scale | 8mm | 1/8" BSP | £129.80 |
| 60/223 | 4" scale | 10mm | 1/4" BSP | £136.50 |
| 60/224 | 6" scale | 12mm | 3/8" BSP | £222.00 |



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 | £68.01 |
| 60/231 | For 4" scale water gauges | £68.01 |
| 60/232 | For 6" scale water gauges | £78.78 |

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

| | | | | | | | | |
|--------|-----|-------|--------|-----|-------|--------|------|-------|
| 60/240 | 5mm | £2.20 | 60/242 | 7mm | £2.35 | 60/244 | 10mm | £2.70 |
| 60/241 | 6mm | £2.20 | 60/243 | 8mm | £2.45 | 60/245 | 12mm | £3.30 |

Gauge glass (With red stripe) Price per indicated length

| | | | | | |
|--------|-------------------|-------|--------|-------------------|-----------|
| 60/249 | 4mm x 150mm long | £3.25 | 60/260 | 1/2" x 150mm long | £4.00 WSL |
| 60/250 | 5mm x 150mm long | £3.25 | 60/261 | 10mm x 200mm long | £5.42 |
| 60/251 | 6mm x 150mm long | £3.25 | 60/263 | 10mm x 300mm long | £6.60 WSL |
| 60/252 | 7mm x 150mm long | £3.25 | 60/264 | 12mm x 200mm long | £6.00 |
| 60/253 | 8mm x 150mm long | £3.25 | 60/262 | 14mm x 300mm long | £6.60 |
| 60/254 | 9mm x 150mm long | £3.55 | 60/265 | 16mm x 300mm long | £6.90 |
| 60/255 | 10mm x 150mm long | £3.55 | | | |

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

| | | |
|--------|-----------------------|-------|
| 60/272 | (1/4) 6.5 mm x 150 mm | £3.00 |
|--------|-----------------------|-------|

Silicon rubber tube gauge glass seals, per 25mm length

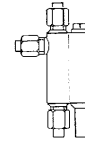
| | | |
|--------|------------------------------------|-------|
| 60/279 | 4, 5, 6, 7, 8, 9, 10, 12, 14, 16mm | £0.30 |
|--------|------------------------------------|-------|

NOTE Please see bottom of page 28 regarding BSP sizes.

Injectors

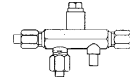
Vertical Price each. Working pressure up to 120 psi

| | <u>Size</u> | <u>Delivery</u> | <u>Pipe size</u> | |
|--------|-------------|------------------|------------------|--------|
| 60/505 | No 3 | 15oz (0.426 ltr) | 3/16" | £44.10 |
| 60/507 | No 4 | 25oz (0.710 ltr) | 3/16" | £44.10 |
| 60/509 | No 5 | 66oz (1.87 ltr) | 1/4" | £55.00 |
| 60/511 | No 6 | 80oz (2.27 ltr) | 1/4" | £55.00 |
| 60/513 | No 7 | 100oz (2.84 ltr) | 5/16" | £60.00 |
| 60/515 | No 8 | 160oz (4.54 ltr) | 3/8" | £65.00 |
| 60/521 | No 16 | 320oz (9.09 ltr) | 7/16" | £90.00 |

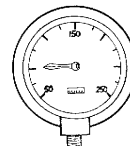


Horizontal Price each. Working pressure up to 120 psi

| | <u>Size</u> | <u>Delivery</u> | <u>Pipe size</u> | |
|--------|-------------|-------------------|------------------|--------|
| 60/502 | No 2 | 11 oz (0.312 ltr) | 5/32" | £37.50 |
| 60/504 | No 3 | 15 oz (0.426 ltr) | 3/16" | £37.50 |
| 60/506 | No 4 | 25 oz (0.71 ltr) | 3/16" | £37.50 |
| 60/508 | No 5 | 66 oz (1.87 ltr) | 1/4" | £44.10 |
| 60/510 | No 6 | 80 oz (2.27 ltr) | 1/4" | £44.10 |
| 60/512 | No 7 | 120 oz (3.40 ltr) | 5/16" | £56.20 |
| 60/514 | No 8 | 160 oz (4.54 ltr) | 3/8" | £62.00 |
| 60/520 | No 16 | 320 oz (9.09 ltr) | 7/16" | £83.00 |



Pressure Gauges Price each



| Code | <u>Without back flange</u> | |
|--------|----------------------------|--------|
| 60/301 | 1/2" Dia. 0 - 120 lbs | £29.13 |
| 60/302 | 3/4" Dia. 0 - 150 lbs. | £26.74 |
| 60/304 | 1" Dia. 0 - 80 lbs | £25.51 |
| 60/305 | 1" Dia. 0 - 150 lbs | £25.51 |
| 60/307 | 1" Dia. 0 - 250 lbs | £26.31 |
| 60/310 | 1 5/8" Dia. 0 - 160 lbs | £26.95 |
| 60/312 | 1 5/8" Dia. 0 - 300 lbs | £29.92 |
| 60/316 | 2" Dia. 0 - 160 lbs | £33.34 |
| 60/318 | 2" Dia. 0 - 300 lbs | £36.90 |
| 60/320 | 3" Dia. 0 - 150 lbs | £62.05 |
| 60/324 | 3" Dia. 0 - 400 lbs | £62.05 |

| Code | <u>With back flange</u> | |
|--------|-------------------------|--------|
| 60/303 | 3/4" Dia. 0 - 150 lbs | £33.71 |
| 60/306 | 1" Dia. 0 - 150 lbs | £33.81 |
| 60/308 | 1" Dia. 0 - 250 lbs | £33.90 |
| 60/311 | 1 5/8" Dia. 0 - 160 lbs | £33.01 |
| 60/313 | 1 5/8" Dia. 0 - 300 lbs | £34.10 |
| 60/317 | 2" Dia. 0 - 160 lbs | £38.96 |
| 60/319 | 2" Dia. 0 - 300 lbs | £42.52 |
| 60/321 | 3" Dia. 0 - 150 lbs | £72.25 |
| 60/325 | 3" Dia. 0 - 300 lbs | £72.25 |

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> | |
|--------|----------------------------|--------|
| 60/330 | 3/4" Dia. 0 - 30 HG | £30.71 |
| 60/331 | 1" Dia. 0 - 30 HG | £30.71 |
| 60/333 | 2" Dia. 0 - 30HG | £39.05 |

| Code | <u>With back flange</u> | |
|--------|-------------------------|--------|
| 60/332 | 1" Dia 0-30 HG | £38.90 |
| 60/334 | 2" Dia 0-30 HG | £43.58 |

60/340 3/16 x 40 syphon for 3/4" and 1" pressure and vacuum gauges £9.79

60/341 1/8 BSP nut and solder nipple (3/16" pipe) for larger pressure / vacuum gauges - £4.00

60/342 1/4 BSP nut and solder nipple (1/4" pipe) for 3" gauges £5.00

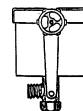
Pressure / vacuum gauge shut off cock.

60/346 Suitable for gauges of 1 5/8" dia and larger. 1/8" BSP male thread. 3/16" solder nipple. £24.33

60/347 Suitable for gauges of 3" and larger. 1/4 BSP male to 1/4 BSP female £29.00

Mechanical lubricators

Loco type Price each - Pipe size 1/8" dia.



51/070 1" square tank £41.60 51/072 2" x 1 1/4" tank £42.90

51/071 1 1/4" square tank £41.60 51/073 2" square tank (twin ram) £65.67

51/069 Twin ram lubricator – Size ~ box, 3 1/2" square x 4 1/4 high. £241.50

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. £10.79 51/085 1/8" pipe to 3/16 x 40 - 90 deg. £11.04

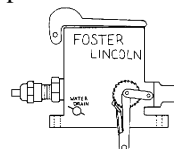
51/084 5/32" pipe to pipe x 180 deg £10.79 51/086 1/8" pipe to 1/4 x 40 - 90 deg. £11.04

51/088 3/16 pipe to pipe x 180 deg £13.00 51/089 5/32" pipe to 1/4 x 40 - 90 deg. £11.04

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 £22.38 51/075 3" scale complete £116.04

51/076 4" scale box and lid £30.28 51/077 4" scale complete £116.04

51/078 6" scale box and lid £45.71 51/079 6" scale complete £159.54

51/080 12" scale box and lid £69.22 51/081 12" scale complete £ POA

51/087 Oil check valve for 4" scale 'Foster' lubricator. 5/32" pipe, 3/8" x 32 TPI. £14.53 each

51/091 Spring set for 3" scale Foster lubricator £8.80

51/092 Spring set for 4" scale Foster lubricator £8.80

51/093 Spring set for 6" scale Foster lubricator £9.50

51/094 Spring set for full size Foster lubricator £POA

Fusible plugs Price each.

61/180 1/4" BSPT £14.00 61/181 3/8" BSPT £14.00 61/182 1/2" BSPT £16.33

Blanking plugs Bronze, Price each.

61/185 1/4"BSPT £7.70 61/186 3/8"BSPT £7.70 61/187 1/2"BSPT £9.35

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 £4.05

NOTE Please see page 28 regarding BSP sizes.

Fusible plug spanner – square to hexagon. Price each.

61/195 3/8 square £13.04 61/196 7/16 square £13.04 61/198 9/16 square £13.95

Traction engine water lifter rose.

70/021 3" scale rose £23.79 70/022 4" scale rose £25.13

70/024 6" scale rose £30.60

Traction engine water lifter hose. Price Pr meter

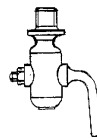
A35 3" scale – 12mm ID £3.54 6" scale – 1" OD £6.40
A36 4" scale – 5/8 ID £4.38

Test cocks Price each.

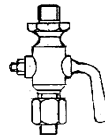
Code

A28 Plain test cock (type A) 5/16 x 32 tpi £25.40
A333 Test cock with 3/16 pipe solder union
(Type B) 5/16 x 32 tpi £26.90

Type A



Type B



Brass chain All links are solder joints. Price per 300mm. Can be cut to lengths up to 30 feet max.

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

Code

60/450 .200" x .250" x 18g (6 links/inch) £3.58
60/451 1/8" x 3/16" x 21g (8 links/inch) £3.58

Code

60/452 3/32" x 1/8" x 24g (15 links/inch) £3.58

4" scale traction engine lamps. Sorry – currently no stock

A135 Front lamps. 1 left hand and 1 right hand. £POA

A136 Rear lamp £POA



Tube Brushes

Bronze bristles with twisted wire handle. Price each

| | | | | | | | | |
|--------|----------|-------|--------|----------|-------|--------|-----------|-----------|
| 61/010 | 1/4 dia | £4.50 | 61/013 | 7/16 dia | £4.71 | 61/016 | 5/8 dia | £5.02 |
| 61/011 | 5/16 dia | £4.50 | 61/014 | 1/2 dia | £4.71 | 61/017 | 11/16 dia | £5.02 WSL |
| 61/012 | 3/8 dia | £4.71 | 61/015 | 9/16 dia | £5.02 | | | |

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

| | | | | | | | | |
|--------|-----------|-----------|--------|----------|-------|--------|---------|-------|
| 61/020 | 1/2" dia. | £6.58 WSL | 61/022 | 7/8" dia | £6.58 | 61/023 | 1" dia. | £6.58 |
| 61/021 | 3/4" dia. | £6.58 | | | | | | |

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

| | | | | | |
|--------|------------|--------|--------|------------|---------|
| 61/032 | 7/8" dia | £6.58 | 61/033 | 1" dia | £6.58 |
| 61/034 | 1 1/8 dia. | £10.63 | 61/035 | 1 1/4 Dia. | £ 10.63 |

61/040 Handle for the above brass and steel bristle tube brushes, approx length 1metre. £4.08

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

| | | |
|------|----------------------------------------------|--------|
| A337 | Fibre material 610mm wide x 6mm thick | £20.86 |
| | Woven Glass Lagging 1 metre wide x 1mm thick | £ |

Gasket Material For steam, oil or water

Plain. Per 300mm x 300mm area.

| | | | | | |
|--------|-------------|-------|--------|-------------|-------|
| 61/126 | 1/32" thick | £4.46 | 61/127 | 1/16" thick | £6.58 |
|--------|-------------|-------|--------|-------------|-------|

Graphited. Per300mm x 300mm area.

| | | | | | |
|--------|-------------|-------|--------|-------------|-------|
| 61/129 | 1/32" thick | £5.00 | 61/130 | 1/16" thick | £9.08 |
|--------|-------------|-------|--------|-------------|-------|

Graphited yarn. Per metre length. (** 2 metres)

| | | | | | |
|--------|------------|---------|--------|--------------|--------|
| 61/135 | 1.5mm dia. | £2.50** | 61/139 | 6.5mm square | £7.81 |
| 61/136 | 3mm square | £5.02 | 61/140 | 10mm square | £11.40 |
| 61/138 | 5mm square | £6.75 | | | |

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

PTFE gland packing. Per 500mm length.

| | | | | | |
|--------|---------------------------------|-------|--------|----------|-------|
| 61/145 | 3mm dia. | £3.66 | 61/146 | 5mm dia. | £6.30 |
| 61/147 | 6.5mm square | £9.38 | | | |
| 61/149 | PTFE tape, 12mm x 12m x 0.075mm | £0.83 | | | |

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. | £10.75 |
|--------|------------------------------------------------|---------------|--------|

Boiler mud hole gaskets. Price each. Internal dimensions x wall thickness.

| | | | |
|--------|----------------------|--------|---------------------------------------------------------|
| 61/110 | 56mm x 41mm x 10mm | £8.25 | (for 4" scale Foster and some 4" and 4 1/2" Burrells) |
| 61/111 | 74mm x 56mm x 10mm | £8.67 | (for 4" Burrell – typical) |
| 61/112 | 100mm x 80mm x 15mm | £10.45 | (5" Foster) |
| 61/113 | 45mm x 32mm x 8mm | £8.25 | (for 3" Foster) |
| 61/114 | 95mm x 85mm x 10mm | £8.63 | |
| 61/115 | 85mm x 70mm x 8mm | £8.63 | (for 3" Marshall, 6" Ruston Proctor) |
| 61/116 | 50mm x 38mm x 8mm | £8.25 | (3" Little Samson / 3" McLaren) |
| 61/117 | 70mm x 50mm 10mm | £8.25 | (4" Rushton Proctor, 4" DCC Foster) |
| 61/118 | 168mm x 136mm x 12mm | £16.20 | (6" Fowler) |

Split cotter pins. 50 per packet. Steel.

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|-----------------|-------|-------------|-----------------|-------|-------------|----------------|-------|
| 45/310 | 1/32" x 1/2" | £3.27 | 45/320 | 3/64" x 1 1/2" | £3.45 | 45/330 | 5/64" x 1 1/2" | £4.10 |
| 45/311 | 1/32" x 1" | £4.24 | 45/321 | 3/64" x 2" | £3.96 | 45/331 | 3/32" x 1/2" | £2.10 |
| 45/312 | 1/32" x 1 7/8" | £4.79 | 45/322 | 1/16" x 5/8" | £2.19 | 45/332 | 3/32" x 5/8" | £2.20 |
| 45/313 | 1/32" x 2" | £4.84 | 45/323 | 1/16" x 3/4" | £2.25 | 45/333 | 3/32" x 3/4" | £2.30 |
| 45/314 | 3/64" x 1/2" | £3.10 | 45/324 | 1/16" x 1" | £2.34 | 45/334 | 3/32" x 1" | £2.40 |
| 45/315 | 3/64" x 5/8" | £3.10 | 45/325 | 1/16" x 1 3/16" | £2.03 | 45/335 | 3/32" x 1 1/4" | £2.50 |
| 45/316 | 3/64" x 3/4" | £3.15 | 45/326 | 1/16" x 1 1/4" | £2.05 | 45/336 | 3/32" x 1 3/4" | £2.75 |
| 45/317 | 3/64" x 1" | £3.25 | 45/327 | 1/16" x 1 3/4" | £2.30 | 45/337 | 1/8" x 2" | £5.91 |
| 45/318 | 3/64" x 1 3/8" | £3.36 | 45/328 | 1/16" x 2" | £2.46 | 45/338 | 1/8" x 2 1/2" | £6.15 |
| 45/319 | 3/64" x 1 7/16" | £3.41 | 45/329 | 1/16" x 2 1/2" | £2.79 | 45/339 | 5/32" x 2 1/2" | £6.30 |
| | | | | | | 45/340 | 3/16" x 1 1/4" | £3.35 |

Stainless steel Split pins 10 per packet.

| | | | | | |
|--------|---------------|-------|--------|------------|-------|
| 45/351 | 1/8" x 1 1/4" | £2.10 | 45/350 | 1/16" x 1" | £1.60 |
|--------|---------------|-------|--------|------------|-------|

Brass split pins 10 per packet

| | | |
|--------|----------------|-------|
| 45/360 | 3/32" x 2 1/4" | £2.43 |
|--------|----------------|-------|

Taper pins. 10 per packet. Steel.

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|----------------|-------|-------------|----------------|-------|-------------|----------------|-------|
| 45/210 | 1/16" x 1/2" | £3.80 | 45/218 | 3/32" x 1/2" | £3.90 | 45/227 | 5/32" x 1" | £4.70 |
| 45/211 | 1/16" x 3/4" | £3.81 | 45/219 | 3/32" x 1" | £4.45 | 45/230 | 3/16" x 1" | £4.75 |
| 45/212 | 1/16" x 1" | £3.86 | 45/220 | 3/32" x 1 1/2" | £4.62 | 45/231 | 3/16" x 1 1/4" | £4.95 |
| 45/213 | 1/16" x 1 1/4" | £4.02 | 45/222 | 1/8" x 1/2" | £4.10 | 45/232 | 7/32" x 1 1/2" | £5.30 |
| 45/215 | 5/64" x 5/8" | £3.95 | 45/225 | 1/8" x 1" | £4.56 | 45/234 | 1/4" x 1 1/2" | £5.30 |
| 45/216 | 5/64" x 3/4" | £3.95 | 45/226 | 1/8" x 1 1/2" | £4.66 | 45/236 | 1/4" x 2" | £6.24 |

Taper pin reamers – HSS – 1 in 48 taper

| | | | | | | | |
|-------|-------|-------|-------|-------|-------|------|--------|
| 1/16 | £9.00 | 3/32" | £9.00 | 5/32 | £9.50 | | |
| 5/64" | £9.00 | 1/8" | £9.50 | 3/16" | £9.50 | 1/4" | £10.00 |

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 | | | | | | |

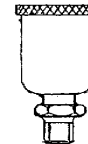
Square section key steel Price per 300mm length.

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | |
|-------------|---------------|-------|-------------|---------------|-------|-------------|-------------|--------|
| 45/421 | 1/8" x 1/8" | £3.66 | 45/424 | 5/16" x 5/16" | £6.60 | 45/426 | 7/16 x 7/16 | £9.96 |
| 45/422 | 3/16" x 3/16" | £4.17 | 45/425 | 3/8" x 3/8" | £8.65 | 45/427 | 1/2 x 1/2 | £10.82 |
| 45/423 | 1/4" x 1/4" | £4.28 | | | | | | |
| 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 | | | | | | |

Oilers

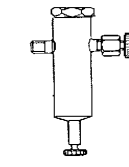
Wick feed

| <u>Code</u> | | | |
|-------------|----------------------------------------------------------------------------------------------|--------|--|
| 51/040 | 1/4" x 40 tpi. Body dia. 1/2", height excluding thread 1 1/8" | £8.63 | |
| 51/041 | 5/16" x 32 tpi. Body dia. 5/8", height excluding thread 1.200" | £9.88 | |
| 51/042 | 5/16" x 32 tpi. Body dia. 7/8", height excluding thread 1.450" Lid has hexagon on top. | £11.21 | |
| 51/043 | 5/16" x 32 tpi. Body dia. 7/8", height excluding thread 1.450" Lid has knurl around edge. | £11.21 | |



Displacement Lubricators

| <u>Code</u> | | | |
|-------------|-------------------------------|-----------------|--------|
| 51/050 | Small displacement lubricator | 1/4 x 40 thread | £34.65 |
| 51/051 | Large displacement lubricator | 1/8 BSP thread | £63.80 |



Grease nipples

Thread size – 1/8" BSP.



| <u>Code</u> | | <u>Each</u> | <u>Qty. 10</u> |
|-------------|---------------------------|-------------|----------------|
| | Tat-head (double hexagon) | £0.86 | £5.11 |
| | Straight | £0.33 | £2.50 |
| | 45 Deg. Angle | £0.33 | £2.50 |
| | 90 Deg. Angle | £0.33 | £2.50 |

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 £13.53 51/231 5 litres £38.98

Steam oil.

For engines running up to 120 psi. SCO 460.

51/210 1 litre £6.71 51/211 5 litres £26.13

For engines running above 120 psi. SCO 1000

51/213 1 litre £6.50 51/214 5 litres £27.50

Cutting oil

Cutting and drilling oil – spray. Good for bronze and other copper based alloy's (300ml) £14.44

Silver Solder and Fluxes

Silver Solder Price Each. (Length 600mm)

| | | | <u>Each</u> | <u>6 - 12</u> | <u>13 +</u> | |
|--------|--------------------|----------------------|-------------|---------------|-------------|-------|
| 51/110 | Easy flow No 2 | (610 - 617 Deg. C.) | 0.7mm Dia | £4.38 | £4.23 | £4.08 |
| 51/117 | Silver Flow 55 | (630 - 660 Deg. C.) | 1.0mm Dia | £5.88 | £5.38 | £4.88 |
| 51/118 | Silver Flow 55 | (630 - 660 Deg. C.) | 1.5mm Dia | £7.74 | £6.96 | £6.18 |
| 51/119 | Silver Flow 55 | (630 - 660 Deg. C.) | 3.0mm Dia | £22.75 | £19.50 | |
| 51/115 | Silver Flow 24 | (740 - 780 Deg. C.) | 1.5mm Dia | £4.90 | £4.50 | |
| 51/116 | Silver Flow 24 | (740 - 780 Deg. C.) | 3.0mm Dia | £7.60 | WSL | |
| 51/120 | SifBronze No 1 | (875 - 895 Deg. C.) | 1.6mm Dia | £2.30 | £2.15 | £2.00 |
| 51/121 | SifBronze No 1 | (875 - 895 Deg. C.) | 2.3mm Dia | £4.50 | £4.35 | £4.20 |
| 51/125 | Comsol soft solder | (305 Deg. C.) | 3.0mm Dia | £5.50 | | |

Fluxes

| | | | |
|---------|--------------|----------------------------------|--------|
| 51/1301 | Easy Flow | Packet (20 grams) | £2.50 |
| 51/1302 | Easy Flow | 250 grammes | £14.34 |
| 51/1321 | Tenacity 4A | Packet (20 grams) | £2.10 |
| 51/1322 | Tenacity 4A | 500 grammes | £22.34 |
| 51/1341 | Tenacity 5 | Packet (20 grams)(For Stainless) | £2.92 |
| 51/1342 | Tenacity 5 | 250 grammes (For Stainless) | £16.86 |
| 51/1361 | SifBronze | 20 grammes | £2.00 |
| 51/1363 | SifBronze | 500 grammes | £16.20 |
| 51/1381 | Bakers fluid | No 3. 125 ml | £8.75 |

Easy-flow No2 available while stocks last.

Silver flow 55 is a cadmium-free replacement for Easy-flow No2.

Easy-flow flux powder is compatible with Silver-flo 55.

“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 | 50/3251 | 1 7/8" | x 3/16" | £1.23 |
| 50/1111 | 5/8" | x 3/32" | £0.42 | 50/2141 | 1 1/4" | x 1/8" | £0.85 | 50/3261 | 2" | x 3/16" | £1.27 |
| 50/1121 | 11/16" | x 3/32" | £0.46 | 50/2151 | 1 5/16" | x 1/8" | £0.89 | 50/3271 | 2 1/8" | x 3/16" | £1.55 |

Silicon

| <u>Code</u> | | | <u>Code</u> | | | <u>Code</u> | | | | | |
|-------------|--------|---------|-------------|---------|-------|-------------|-------|---------|--------|---------|-------|
| 50/0062 | 1/4" | x 1/16" | £0.42 | 50/0102 | 3/8" | x 1/16" | £0.59 | 50/1112 | 5/8" | x 3/32" | £0.68 |
| 50/0072 | 9/32" | x 1/16" | £0.42 | 50/0112 | 7/16" | x 1/16" | £0.65 | 50/1122 | 11/16" | x 3/32" | £0.72 |
| 50/0082 | 5/16" | x 1/16" | £0.42 | 50/0122 | 1/2" | x 1/16" | £0.66 | 50/1132 | 3/4" | x 3/32" | £0.76 |
| 50/0092 | 11/32" | x 1/16" | £0.46 | 50/1102 | 9/16" | x 3/32" | £0.63 | | 13/16" | x 3/32" | £0.80 |

Wire winch rope.

| | | |
|--------|----------------------------------------------------------|------------|
| 70/041 | 3mm Wire winch rope with thimble eye one end. 15 meters. | £29.65 |
| 70/043 | 5mm Wire winch rope with thimble eye one end. 30 meters. | £42.71 |
| 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 |

Tender try cock, for 4" scale traction engines. Price each.

A451 1/8 BSP £24.00

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

| | | |
|--------|--------------------------------------------|-------|
| 70/010 | 2" high (typical 3" scale) | £2.50 |
| 70/012 | 3 1/4" high (typical 4" scale) | £2.50 |
| 70/014 | 4" high (typical large 4" /small 6" scale) | £3.50 |
| 70/016 | 5" high (typical 6" scale) | £5.00 |
| 70/018 | 6" high (typical large 6" scale) | £6.00 |

Case hardening compound

| | |
|-----------|--------|
| 100 Grams | £8.97 |
| 200 Grams | £14.97 |
| 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 | £29.80 |

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

| | | |
|--------|-------------------------------|--------|
| 61/305 | For 3" scale traction engines | £33.64 |
| 61/306 | For 4" scale traction engines | £35.96 |

Steering chain. Price Pr Metre.

| | | |
|-----|---------------------------------------------------------------------------------|--------|
| A50 | For 3" scale traction engines (link size, Nom'l – 15/16" x 17/32" x 5/32 wire) | £14.85 |
| A51 | For 4" scale traction engines (link size, Nom'l – 1 3/16" x 3/4" x 1/4" wire) | £11.14 |
| A52 | For 6" scale traction engines (link size, Nom'l – 1 3/8" x 1" x 9/32" wire) | £20.10 |

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

| | | | | | |
|------|----------------------|--------|------|----------------------|--------|
| A197 | For 3" scale engines | £10.00 | A198 | For 4" scale engines | £11.50 |
| A200 | For 6" scale engines | £16.75 | | | |

Drive Belting. Price Pr metre.

Governor belting

| | | | | |
|------|-----------|--------|-----------|--------|
| | 1/2" wide | £10.87 | 3/4" wide | £11.93 |
| A290 | 5/8" wide | £10.87 | 1" wide | £14.63 |

A291 Clip for all above £2.00 per 50mm length

Flywheel drive belting - leather

| | | | | |
|--|-------------|--------|---------|--------|
| | 1" wide | £22.69 | 2" wide | £45.37 |
| | 1 1/2" wide | £34.04 | | |

A293 Clip for all above £3.75 per 50mm length

Other widths available on application.

Books. (Zero rated for VAT).

Code

| | | |
|------------|---------------------------------------------------------------------------------------------------|---------|
| BOOK/WPS01 | Workshop practice series. Hardening, Tempering & Heat Treatment. | £7.30 |
| BOOK/WPS02 | Workshop practice series. Vertical milling in the home workshop | £7.30 |
| BOOK/WPS03 | Workshop practice series. Screwcutting in the Lathe. | £7.30 |
| BOOK/WPS05 | Workshop practice series. Milling Operations in the Lathe. | * £7.30 |
| BOOK/WPS06 | Workshop practice series. Measuring and Marking Metals | * £7.30 |
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| | Introducing Model Traction Engine Construction by John Haining. | |
| BOOK001 | This book gives details for 2" scale models, but the same principles apply to 3" scale and above. | £7.30 |
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| 61/256 | 2 1/4" x 3/16 x 5/64 | £24.60 | Will suit 4" Burrell DCC HP Cyl. |
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| 61/267 | 3 1/2" x 1/4 x 1/8 | £25.60 | |
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