

## TAPS AND DIES

All Taps and Dies are made from high carbon alloy steel and are available in three leads, Taper, Second and Plug.

### BRITISH ASSOCIATION

SIZE	TAP	DIE
0BA	\$5.00	\$12.00
1BA	\$5.00	\$12.00
2BA	\$5.00	\$12.00
3BA	\$5.00	\$12.00
4BA	\$5.00	\$12.00
5BA	\$5.00	\$12.00
6BA	\$5.00	\$12.00
7BA	\$6.00	\$20.00
8BA	\$6.00	\$20.00
9BA	\$6.00	\$20.00
10BA	\$9.00	\$20.00
12BA	\$33.00	\$45.00

### BRITISH STANDARD BRASS

SIZE	TAP	DIE
1/4 X 26 .....	\$11.20 .....	\$14.90
5/16 X 26 .....	\$14.90 .....	\$25.90
3/8 X 26 .....	\$18.50 .....	\$25.90
7/16 X 26 .....	\$35.40 .....	\$47.90
1/2 X 26 .....	\$35.40 .....	\$47.90
9/16 X 26 .....	\$22.50 .....	\$40.90
5/8 X 26 .....	\$25.90 .....	\$40.90
3/4 X 26 .....	\$35.90 .....	\$47.90

### FINE THREAD

SIZE	TAP	DIE
1/8 X 60.....	\$25.00.....	\$30.00
5/32 X 60.....	\$25.00.....	\$30.00
3/16 X 60.....	\$25.00.....	\$30.00

All the above fine thread sizes are special order only

## TAPS AND DIES

### MODEL ENGINEER

SIZE	TAP	DIE
1/8 X 40 .....	\$17.70.....	\$20.90
5/32 X 32 .....	\$7.50.....	\$14.90
5/32 X 40 .....	\$7.50.....	\$14.90
3/16 X 32 .....	\$8.90.....	\$15.70
3/16 X 40 .....	\$7.50.....	\$14.90
7/32 X 32 .....	\$9.80.....	\$15.70
7/32 X 40 .....	\$7.50.....	\$14.90
1/4 X 32 .....	\$8.90.....	\$16.80
1/4 X 40 .....	\$7.50.....	\$14.90
9/32 X 32 .....	\$18.50.....	\$25.90
9/32 X 40 .....	\$22.00.....	\$29.00
5/16 X 32 .....	\$14.90.....	\$29.20
5/16 X 40 .....	\$15.70.....	\$29.20
3/8 X 32 .....	\$20.90.....	\$29.20
3/8 X 40 .....	\$20.90.....	\$33.40
7/16 X 32 .....	\$20.90 .....	\$33.40
7/16 X 40 .....	\$20.90 .....	\$33.40
1/2 X 32 .....	\$20.90 .....	\$33.40
1/2 X 40 .....	\$20.90 .....	\$33.40

### BOXED TAP AND DIE SETS

#### BRITISH ASSOCIATION

0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10BA      35 PIECE SET      \$300.00  
 2 TAPS AND 1 DIE OF EACH SIZE, WITH TAP WRENCH AND DIE STOCK

0BA to 10BA TAP AND DIE SET NOT BOXED 44 PIECE SET  
 1 EACH TAPER, INTER AND PLUG TAP WITH 1 DIE      \$195.00

#### MODEL ENGINEER

5/32 X 40, 3/16 X 40, 7/32 X 40, 1/4 X 40 9/32 X 32, 5/16 X 32,  
 3/8 X 32      28 PIECE SET      \$155.00  
 3 TAPS AND 1 DIE OF EACH SIZE, NOT BOXED

**Left Hand Taps & Dies to ORDER ONLY**

## FASTENERS

### SETSCREWS STANDARD HEXAGON HEAD STEEL ( 50 PER BAG )

SIZE	PRICE
10BA X 1/4.....	\$13.10
10BA X 1/2.....	\$17.90
8BA X 3/8.....	\$14.20
8BA X 1/2.....	\$17.40
7BA X 1/2.....	\$17.50
7BA X 1.....	\$18.50
6BA X 3/8.....	\$13.90
6BA X 1/2.....	\$14.50
6BA X 3/4.....	\$15.90
5BA X 3/8.....	\$13.90
5BA X 1/2.....	\$15.80
5BA X 3/4.....	\$17.20
4BA X 3/8.....	\$13.80
4BA X 1/2.....	\$15.80
4BA X 3/4.....	\$17.20
2BA X 1/2.....	\$14.30
2BA X 3/4.....	\$25.70
2BA X 1.....	\$17.00

### SETSCREWS SMALL HEXAGON HEAD STEEL ( 50 PER BAG )

SIZE	PRICE
12BA X 3/8.....	\$20.30
10BA X 3/8.....	\$19.50
10BA X 1/2.....	\$20.20
8BA X 3/8.....	\$17.20
8BA X 1/2.....	\$19.40
8BA X 3/4.....	\$22.40
7BA X 1.....	\$19.40
6BA X 3/8.....	\$18.80
6BA X 1/2.....	\$20.00
6BA X 3/4.....	\$22.90
5BA X 1/2.....	\$18.30
4BA X 1/2.....	\$20.20
2BA X 1/2.....	\$28.40

### SETSCREW STANDARD HEXAGON HEAD BRASS ( 25 PER BAG )

SIZE	PRICE
7BA X 1/2.....	\$11.50
8BA X 1/2.....	\$24.60
6BA X 1/2.....	\$18.60
4BA X 1/2.....	\$15.70

**NUTS AND WASHERS**

**NUTS ( BAGS OF 50 )**

SIZE	STEEL NUT	BRASS NUT	SMALL HEX
16BA	\$N/A	\$23.00	\$N/A
14BA	\$N/A	\$16.00	\$N/A
12BA	\$15.00	\$11.00	\$N/A
10BA	\$11.00	\$9.00	\$N/A
8BA	\$9.00	\$7.00	\$N/A
7BA	\$8.00	\$N/A	\$N/A
6BA	\$8.00	\$6.00	\$9.60
5BA	\$10.20	\$6.00	\$8.40
4BA	\$7.00	\$6.00	\$7.20
2BA	\$7.00	\$6.00	\$7.80

**WASHERS (BAGS OF 50 )**

SIZE	STEEL FLAT	BRASS FLAT	SPRING
12BA .....	\$3.00 .....	\$3.00 .....	\$N/A
10BA .....	\$3.00 .....	\$3.00.....	\$3.00
8BA .....	\$3.00 .....	\$3.00.....	\$3.00
7BA	\$3.00	\$3.00	N/A
6BA .....	\$3.00 .....	\$3.00.....	\$3.00
5BA .....	\$3.00 .....	\$3.00.....	\$N/A
4BA .....	\$3.00 .....	\$3.00.....	\$3.00
2BA .....	\$3.00 .....	\$3.00.....	\$3.00

**COPPER WASHERS ( BAGS OF 10 )**

SIZE	PRICE
3/8	\$3.30
7/16	\$3.90

**GRUB SCREWS STEEL ALAN HEAD ( EACH )**

SIZE	PRICE
6BA X 3/8	\$1.10
4BA X 3/8	\$1.10
2BA X 3/8	\$1.10

**SOCKET HEAD CAP SCREW STEEL ( EACH )**

SIZE	PRICE
2BA X 1/4	\$0.90
2BA X 1	\$1.90

## CHEESE HEAD SCREWS

50 per BAG

SIZE	STEEL		BRASS
16BA X 1/2	\$n/a		\$24.20
14BA X 1/2	\$n/a		\$20.50
12BA X 3/8	\$14.50	(1/4)	\$14.50
10BA X 1/4	\$14.50		\$15.80
10BA X 1/2	\$14.50		\$15.10
8BA X 1/4	\$12.90		\$14.90
8BA X 1/2	\$12.50		\$16.10
8BA X 3/4	\$17.90		\$n/a
7BA X 5/16	\$14.90		\$13.80
7BA X 1/2	\$n/a		\$14.90
7BA X 1	\$15.90		\$n/a
6BA X 3/8	\$9.70		\$14.30
6BA X 1/2	\$10.20		\$14.50
6BA X 3/4	\$16.30		\$16.70
5BA X 3/8	\$ 9.00		\$12.30
5BA X 1/2	\$11.80		\$15.80
5BA X 3/4	\$12.20		\$n/a
4BA X 3/8	\$9.70		\$n/a
4BA X 1/2	\$13.50		\$15.50
4BA X 3/4	\$10.90		\$18.30
4BA X 1	\$11.80		\$n/a
2BA X 1/2	\$13.80		\$n/a
2BA X 1	\$22.70		\$n/a

## ROUND HEAD SCREWS

50 Per BAG

SIZE	STEEL		BRASS
12BA X 1/2	\$n/a		\$28.30
10BA X 1/2	\$15.10	(1/4)	\$13.10
8BA X 1/2	\$17.00		\$15.60
6BA X 7/16	\$10.80		\$13.60
5BA X 1/2	\$17.40		\$13.10
4BA X 7/16	\$12.50	(1/2)	\$11.30
2BA X 3/8	\$13.10		\$n/a

## COUNTERSUNK HEAD SCREWS

50 per BAG

SIZE	STEEL	BRASS
16BA X 1/4	\$n/a	\$20.60
16BA X 1/2	\$n/a	\$24.20
14BA X 1/2	\$n/a	\$20.70
12BA X 3/8	\$14.50	\$16.40
10BA X 1/4	\$13.90	\$14.90
10BA X 1/2	\$14.50	\$14.80
8BA X 3/8	\$15.20	\$17.90
8BA X 1/2	\$12.50	\$18.40
8BA X 3/4	\$17.00	\$19.90
7BA X 3/8	\$10.10	\$10.10
7BA X 1/2	\$n/a	\$15.30
7BA X 7/8	\$15.90	\$N/A
6BA X 3/8	\$9.70	\$14.30
6BA X 1/2	\$10.20	\$16.20
6BA X 3/4	\$10.50	\$16.70
5BA X 3/8	\$12.00	\$12.70
5BA X 1/2	\$10.90	\$15.50
5BA X 3/4	\$19.50	\$n/a
4BA X 3/8	\$15.50	\$9.70
4BA X 1/2	\$15.90	\$12.80
4BA X 3/4	\$10.90	\$19.30
4BA X 1	\$11.80	\$n/a
2BA X 1/2	\$11.10	\$15.90
2BA X 1	\$21.00	\$18.70(3/4)

### TAPER PINS STEEL

SIZE		LENGTH	QUANTITY	PRICE
1/16		1/2"	EACH	\$3.50
6/0	(5/64)	2"	EACH	\$3.50
5/0	(3/32)	2"	EACH	\$3.50
4/0	(7/64)	2"	EACH	\$3.50
3/0	(1/8)	2"	EACH	\$3.50
2/0	(9/64)	2"	EACH	\$3.50
0	(5/32)	1"	EACH	\$3.50
0		1 1/4"	EACH	\$3.50
0		1 1/2"	EACH	\$3.50
1	(11/64)	1"	EACH	\$3.50

### SPLIT PIN STEEL

SIZE		LENGTH	QUANTITY	PRICE
1/32		1/2	50	\$6.50
3/64		7/8	50	\$6.50
1/16		1/2	50	\$6.00
1/16		3/4	50	\$6.00

### ROLL PIN STEEL

SIZE		LENGTH	QUANTITY	PRICE
1/16		9/16	10	\$2.00
1/16		5/8	10	\$2.00
5/64		1/2	10	\$2.50
5/64		1	10	\$2.50
3/32		1/4	10	\$3.00
3/32		5/16	10	\$3.00
3/32		1	10	\$3.00
1/8		1/4	10	\$3.50
1/8		7/16	10	\$3.50
1/8		5/8	10	\$3.50
1/8		11/16	10	\$3.50
1/8		1	10	\$3.50
3/16		1	10	\$4.00

### **RIVET BRASS ROUND HEAD**

SIZE	LENGTH	QUANTITY	PRICE
1/32	1/4	100	\$6.30
3/64	1/4	100	\$8.00
1/16	1/4	100	\$11.20
1/16	3/8	100	\$7.10
3/32	3/8	100	\$6.80
3/32	1/2	100	\$7.20
3/32	3/4	100	\$7.60

### **RIVET COPPER ROUND HEAD**

SIZE	LENGTH	QUANTITY	PRICE
1/32	3/8	100	\$6.00
1/16	3/8	100	\$9.40
1/16	1/2	100	\$10.10
3/32	3/8	100	\$13.80
3/32	1/2	100	\$9.40
3/32	3/4	100	\$10.90
1/8	3/8	100	\$14.40
1/8	1/2	100	\$17.80
1/8	3/4	100	\$10.00
1/8	1	100	\$15.80
5/32	1	100	\$20.80
3/16	1	100	\$22.00

### **RIVET STEEL COUNTERSUNK HEAD**

SIZE	LENGTH	QUANTITY	PRICE
3/32	3/8	100	\$6.10
3/32	1/2	100	\$7.50
1/8	3/8	100	\$5.50
1/8	1/2	100	\$6.60

### **RIVET STEEL ROUND HEAD**

SIZE	LENGTH	QUANTITY	PRICE
1/16	3/8	100	\$7.10
1/16	1/2	100	\$5.30
3/32	3/8	100	\$5.00
3/32	1/2	100	\$5.50
3/32	3/4	100	\$6.00
1/8	1/4	100	\$4.30
1/8	3/8	100	\$4.90
1/8	1/2	100	\$5.40
1/8	3/4	100	\$6.30
1/8	1	100	\$6.50
5/32	3/4	100	\$30.00
3/16	1	100	\$49.40

### **STEEL ALL THREADED ROD (300mm)**

SIZE	PRICE
10BA	\$25.00
8BA	\$22.00
7BA	\$17.00
6BA	\$12.00
5BA	\$14.00
4BA	\$12.00
2BA	\$12.00

### **BRASS ALL THREADED ROD (300mm)**

SIZE	PRICE
10BA	\$25.00
8BA	\$19.00
7BA	\$18.00
6BA	\$15.00
5BA	\$13.00
4BA	\$13.00
2BA	\$11.00

## BRASS BAR

(500mm long)

SIZE	ROUND	HEXAGON	SQUARE
1/8	\$3.90	N/A	N/A
5/32	\$3.90	N/A	N/A
3/16	\$4.60	\$6.70	\$7.50
7/32	\$7.50	n/a	N/A
1/4	\$7.40	\$7.40	\$9.50
9/32	\$10.20	N/A	N/A
5/16	\$14.00	\$11.30	\$11.30
3/8	\$13.70	\$20.10	\$18.10
7/16	\$18.40	\$22.80	N/A
1/2	\$18.20	\$20.10	\$23.20
9/16	\$23.10	\$20.10	N/A
5/8	\$31.40	\$27.30	\$21.20
3/4	\$45.20	\$36.10	\$39.70
7/8	\$38.90	\$53.30	\$41.50
1	\$63.20	\$49.30	\$49.30
1 1/2*	\$4.20		
2*	\$6.30		
3*	\$7.60		

Sizes marked \*PER cm long

### BRASS ANGLE (500mm)

### BRASS ROUND TUBE (500mm)

SIZE	PRICE	SIZE	PRICE
1/4 X 1/4 X 1/16	\$8.50	3/16 X 20SWG	\$6.70
1/4 X 1/2 X 1/16	\$7.90	1/4 X 20SWG	\$9.40
3/8 X 3/8 X 1/16	\$7.90	5/16 X 22SWG	\$7.30
1/2 X 1/2 X 1/16	\$9.10	3/8 X 20SWG	\$7.50
5/8 X 5/8 X 1/16	\$11.70	1/2 X 20SWG	\$8.50
3/4 X 3/4 X 1/16	\$12.60	5/8 X 18SWG	\$18.50
1/2 X 1/2 X 1/8	\$17.20	3/4 X 18SWG	\$20.30
3/4 X 3/4 X 1/8	\$12.20	1 X 16SWG	\$31.50
1 X 1 X 1/8	\$16.60	1 1/2 X 18SWG	per cm \$0.60
		2 X 16SWG	per cm \$0.80

**BRASS RECTANGLES (500mm) BRASS SQUARE TUBE (500mm)**

SIZE	PRICE	SIZES	PRICE
1/16 X 3/16	\$2.20	1/2 X 18SWG	\$19.70
1/16 X 1/2	\$6.90	3/4 X 18SWG	\$17.90
1/16 X 3/4	\$4.40	1 X 18SWG	\$22.10
1/16 X 1	\$7.00		
1/8 X 1/2	\$11.60		
1/8 X 3/4	\$13.80		
1/8 X 1	\$11.40		
1/8 X 1 1/2	\$13.40		
1/8 X 2	\$14.10		
1/8 X 3	\$45.10		
1/4 X 1	\$26.10		
1/4 X 2	\$56.80		
1/4 X 3	\$69.40		
1/2 X 1	\$40.60		
1/2 X 2	\$62.40		

**BRASS BOILER BAND (600mm)**

SIZE	PRICE
1/8 wide	\$4.00
3/16 wide	\$4.50
1/4 wide	\$5.00

**BRASS HALF ROUND (300mm)**

SIZE	PRICE
1/16	\$3.50
3/32	\$3.80
1/8	\$4.90
3/16	\$7.70

**BRASS SHEET (300 X 300)**

SIZE	PRICE
0.3	\$12.70
0.6	\$19.40
0.8	\$23.00
1.0	\$26.60
1.6	\$47.50
2.0	\$41.50
5.0 (per sq cm)	\$0.50

If a larger sheet is required it can be cut to your requirements, use the prices above as a guide to the price per square centimetre. **A CUTTING CHARGE WILL APPLY**

**COPPER ROUND ROD (500mm)    COPPER SQUARE ROD (500mm)**

SIZE	PRICE	SIZE	PRICE
1/8	\$3.30	1/4	\$14.20
3/16	\$5.30	3/8	\$20.00
1/4	\$7.40	1/2	\$36.80
5/16	\$11.30	3/4	\$73.50
3/8	\$16.30		
1/2	\$27.30		
3/4	\$23.60		
1	\$62.90		

**COPPER RECTANGLE (cm)**

SIZE	PRICE
3/8 X 2	\$3.00

**COPPER SHEET (300 X 300)**

SIZE	PRICE
1.6mm	\$41.50
2.0mm	\$60.00
2.5mm	\$75.30
3.0mm	\$90.10
4.0mm	\$137.00

Copper sheet is usually sold in 300 X 300. It can be cut to your requirements and the prices above can be used as a guide to the price per square centimetre. **A CUTTING CHARGE WILL APPLY.**

**COPPER TUBE THICK WALL FOR FIRE HOLES (PER cm)**

SIZE	PRICE
1 1/2 x 1/4	\$8.00
1 7/8 x 1/8	\$8.00
2 x 1/8	\$8,00

## COPPER TUBE

Can be cut to your requirements

SIZE	LENGTH	PRICE
3/32 x 28g	850mm	\$13.00
1/8 x 24g	850mm	\$11.90
5/32 x 22g	850mm	\$14.20
3/16 x 24g	850mm	\$14.70
1/4 x 22g	850mm	\$17.80
5/16 x 22g	500mm	\$17.20
3/8 x 20g	500mm	\$9.00
7/16 x 20g	500mm	\$11.30
1/2 x 20g	500mm	\$14.90
5/8 x 18g	500mm	\$16.20
3/4 x 18g	500mm	\$20.80
3/4 x 16g	500mm	\$17.70
1 x 18g	500mm	\$20.20
1 x 16g	500mm	\$30.50
1 1/4 x 18g	cm	\$0.90
1 1/4. x 16g	cm	\$1.50
1 1/2 x 16g	cm	\$1.50
2 x 16g	cm	\$2.10
2 x 10g	cm	\$4.60
2 1/2 x 16g	cm	\$2.20
3 x 16g	cm	\$2.40
3 x 14g	cm	\$2.50
3 x 10g	cm	\$4.80
4 x 16g	cm	\$2.70
4 x 14g	cm	\$2.80
5 x 14g	cm	\$8.00
6 x 12g	cm	\$15.00
6 x 10g	cm	\$15.00
6 x 9g	cm	\$15.00
8 x 12g	cm	\$15.00
7 x 10g	cm	\$15.00
7 1/2 x 6g	cm	\$15.00

A quote is usually given on the size required for a boiler barrel and tubes, so as it can be cut to your requirements.

## **SILVER STEEL**

### **ROUND (500 mm Long)**

SIZE	PRICE
3/32	\$4.00
1/8	\$4.60
5/32	\$5.80
3/16	\$7.50
7/32	\$7.90
1/4	\$10.90
9/32	\$11.80
5/16	\$18.50
3/8	\$22.40
7/16	\$23.80
1/2	\$34.40
9/16 per cm	\$1.10
5/8 per cm	\$1.20
3/4 per cm	\$1.40
7/8 per cm	\$1.60
1 per cm	\$2.40

## **BRAZING ALLOYS**

TYPE	PRICE
TOBIN BRONZE 2.4mm Dia X 750mm Long	\$10.90
TOBIN BRONZE FLUX 250gms	\$15.10
SILVER SOLDER SB45 2.0mm X 500mm	\$11.70
SILVER SOLDER SB45 1.6mm X 750mm	\$12.00
SILVER SOLDER FLUX 150gms	\$18.00
CAULKING MATERIAL 965 3mm X 300mm	\$15.90
CAULKING FLUX 250gms	\$8.60

***WARNING ALL SILVER SOLDER CONTAINS CADMIUM***

## STAINLESS STEEL

### ROUND STAINLESS STEEL T304 (500mm)

SIZE	PRICE
3/32	\$1.90
1/8	\$2.20
3/16	\$2.90
1/4	\$5.20
5/16	\$8.30
3/8	\$10.80
7/16	\$12.50
1/2	\$17.80
5/8	\$22.90
3/4	\$27.20
7/8	\$31.50
1	\$52.00

### STAINLESS STEEL TUBE 316 (500mm)

SIZE	PRICE
3/16 X 20SWG	\$17.90
1/4 X 20SWG	\$10.40
3/8 X 18SWG	\$13.90
1/2 X 18SWG	\$15.20

### STAINLESS STEEL SHEET (300mm X 300mm)

SIZE	PRICE
0.55mm	\$6.90
1.60mm	\$10.40

### STAINLESS STEEL ANGLE (500mm)

SIZE	PRICE
20 X 20 X 3mm	\$5.30
25 X 25 X 3mm	\$9.00

### STAINLESS STEEL HEXAGON (300mm)

SIZE	PRICE
0.152" 8BA	\$12.90
0.193" 6BA	\$14.20
0.218" 5BA	\$15.40
0.248" 4BA	\$16.10
0.324" 2BA	\$18.60

**BRIGHT MILD STEEL****ALL 500mm LONG**

<b>SIZE</b>	<b>ROUND</b>	<b>HEXAGON</b>	<b>SQUARE</b>
1/16	\$4.40	\$4.40	N/A
3/32	N/A	\$4.40	N/A
1/8	\$1.50	\$4.40	\$4.40
3/16	\$1.60	\$4.40	\$4.40
1/4	\$3.60	\$4.80	\$4.80
5/16	\$2.90	\$4.40	\$4.90
3/8	\$3.30	\$3.60	\$6.30
7/16	\$3.60	\$4.30	N/A
1/2	\$7.00	\$6.90	\$9.40
5/8	\$8.20	\$8.40	\$14.40
3/4	\$12.10	\$11.80	\$22.00
7/8	\$9.50	\$15.50	N/A
1	\$16.60	\$20.90	\$38.80
1 1/4	\$49.00	N/A	N/A
1 1/2	\$62.00	N/A	N/A
1 3/4	\$69.00	N/A	N/A
2	\$78.00	N/A	N/A

**SHEET BLACK MILD STEEL (300mm X 300mm)**

<b>SIZE</b>	<b>PRICE</b>
1.6mm	\$9.00
2.0mm	\$14.00
3.0mm	\$21.00

## RECTANGULAR BRIGHT MILD STEEL (500mm)

SIZE		PRICE
1/8 X 3/4	(3x20)	\$5.00
1/8 X 1	(3X25)	\$6.50
1/8 X 1 1/2		\$8.30
1/8 X 3		\$14.30
3/16 X 3/4	(5x20)	\$8.10
3/16 X 1		\$9.90
3/16 x 1 1/2	(5x40)	\$10.70
3/16 X 2		\$11.00
3/16 X 3	(5x75)	\$16.50
3/16 X 4	(5x100)	\$21.20
1/4 X 1		\$12.20
1/4 X 1 1/2		\$15.80
1/4 X 2		\$24.30
1/4 X 4		\$48.60
3/8 X 3/4	(10x20)	\$12.50
3/8 X 1	(10x25)	\$26.60
3/8 X 1 1/2	(10x40)	\$20.30
3/8 X 2	(10x50)	\$30.00
3/8 X 3	(10x75)	\$55.00
3/8 X 4	(10x100)	\$44.50
1/2 X 1		\$24.30
1/2 X 1 1/2		\$21.80
1/2 X 2		\$28.60
1/2 X 3		\$55.20
1/2 X 4		\$56.10

**Note** *Most flat BMS is now metric and I will supply the nearest size to the imperial size above*

**ROUND CAST IRON (150mm)**

SIZE	PRICE
20mm	\$6.90
30mm	\$12.70
40mm	\$30.90
55mm	\$33.00

**SQUARE CAST IRON (150mm)**

SIZE	PRICE
40 X 40mm	\$21.00
55 X 55mm	\$33.10

**GUNMETAL ROUND CAST LG2 (150mm)**

SIZE	PRICE
1/2	\$10.50
3/4	\$14.20
1	\$25.10
1 1/2	\$74.00
2 per cm	\$7.40
2 1/2 per cm	\$14.80

**ROUND PHOSPHOR BRONZE (2 feet)**

SIZE	PRICE
5/32	\$27.00
3/16	\$37.00
1/4	\$57.00
1/2 150mm	\$15.90
1 150mm	\$48.10

**ROUND TEFLON (150mm)**

SIZE	PRICE
20mm	\$16.90
25mm	\$26.20

## ALUMINIUM

<b>ROUND</b>	<b>(300mm) 2011T3</b>	<b>PRICE</b>
SIZE		
1/2		\$2.90
¾		\$6.10
1		\$14.20
1 ½		\$25.50
50mm		\$43.80
75mm		\$99.00

<b>SQUARE (300m)</b>	<b>2011T5</b>	<b>PRICE</b>
SIZE		
25mm		\$13.50
50mm		\$39.60
65mm		\$67.40

## FITTINGS

**MADE IN THE UK AND ARE SUBJECT TO CURRENCY  
FLUCTUATIONS**

### PRESSURE GAUGES

SIZE		PRICE
1/2	0-80 PSI	\$108.90
3/4	0-80 PSI	\$92.50
3/4	0-150 PSI	\$92.50
3/4	0-150 PSI FLANGED BACK	\$106.50
1	0-150 PSI	\$92.50
1	0-150 PSI FLANGED BACK	\$106.50
1 5/8	0-150 PSI	\$95.00
1 5/8	0-150 PSI FLANGED BACK	\$116.00
2	0-160 PSI	\$91.50
3/4	0-30 IN HG VACUUM GAUGE	\$107.10

### INJECTORS

SIZE		PRICE
11oz	HORIZONTAL 5/32 PIPE	\$149.00
24oz	HORIZONTAL 3/16 PIPE	\$175.00
40oz	HORIZONTAL 1/4 PIPE	\$190.00
53oz	HORIZONTAL 1/4 PIPE	\$210.00
80oz	HORIZONTAL 3/8 PIPE	\$250.00

**Vertical Injectors also available**

### INJECTOR WATER VALVE (plug cock type)

SIZE		PRICE
5/32 PIPE	90 deg RIGHT ANGLE	\$85.00
3/16 PIPE	90 deg RIGHT ANGLE	\$93.50
1/4 PIPE	90 deg RIGHT ANGLE	\$99.90
5/32 PIPE	180 deg INLINE	\$85.00
3/16 PIPE	180 deg INLINE	\$93.50
1/4 PIPE	180 deg INLINE	\$99.90

### INJECTOR STEAM VALVE

SIZE		PRICE
5/32 PIPE	1/4 X 40 MOUNT	\$62.00
3/16 PIPE	5/16 X 32 MOUNT	\$62.00
1/4 PIPE	5/16 X 32 MOUNT	\$65.00

**MADE IN THE UK AND ARE SUBJECT TO CURRENCY  
FLUCTUATIONS**

**WATER GAUGE GLASS ASSEMBLY**

SIZE		PRICE
4MM GLASS	3/16 X 40 MOUNT	\$105.00
5MM GLASS	1/4 X 40 MOUNT	\$105.00
6MM GLASS	5/16 X 32 MOUNT	\$105.00
6MM GLASS	3/8 X 32 MOUNT	\$116.00

**GLASS TUBE CLEAR (150mm)**

SIZE	PRICE
4mm	\$4.00
5mm	\$4.00
6mm	\$4.00
7mm	\$4.00
8mm	\$4.00
10mm	\$4.00
20mm	\$4.00

**GLASS TUBE SCHELL BACH (150mm)**

SIZE	PRICE
6.5mm	\$9.00
7.6mm	\$9.00
8.0mm	\$9.00

**BLOWER VALVE**

SIZE	PRICE
5/32 X 40 INTERNAL 1/4 X 40 MOUNT	\$48.90
3/16 X 40 INTERNAL 5/16 X 40 MOUNT	\$49.00
1/4 X 40 INTERNAL 3/8 X 40 MOUNT	\$50.80

**BOILER BLOW DOWN VALVE**

SIZE	PRICE
1/4 X 40 MOUNT	\$35.50
5/16 X 32 MOUNT	\$43.70
3/8 X 32 MOUNT	\$44.00

**MADE IN THE UK AND ARE SUBJECT TO CURRENCY  
FLUCTUATIONS**

**PUMP BYPASS VALVE**

SIZE		PRICE
5/32 PIPE	TENDER MOUNT	\$75.00
3/16 PIPE	TENDER MOUNT	\$87.00
5/32 PIPE	CAB FLOOR MOUNT	\$50.80
3/16 PIPE	CAB FLOOR MOUNT	\$62.00
3/16 PIPE	UNDER FLOOR MOUNT	\$100.80
1/4 PIPE	CAB FLOOR MOUNT	\$76.50

**GLOBE VALVE STRAIGHT**

SIZE	PRICE
1/8 PIPE	\$65.00
5/32 PIPE	\$65.00
3/16 PIPE	\$69.50
1/4 PIPE	\$79.30

**GLOBE VALVE 90 DEG**

SIZE	PRICE
1/8 PIPE	\$66.50
5/32 PIPE	\$76.40
3/16 PIPE	\$74.50
1/4 PIPE	\$81.00

**MECHANICAL CYLINDER DRAIN COCK (set 4)**

SIZE	PRICE
5/32 X 40 MOUNT	\$112.00
3/16 X 40 MOUNT	\$112.00
1/4 X 40 MOUNT	\$112.00

**WHISTLE TURRETS**

SIZE	PRICE
3/8 X 32 MOUNT 1 OUTLET	\$67.00
5/16 X 32 MOUNT 1 OUTLET	\$98.00
1/4 X 40 MOUNT 1 OUTLET	\$98.00

**WATER FEED CHECK VALVE**

SIZE		PRICE
1/8 PIPE	1/4 X 40 MOUNT	\$45.00
5/32 PIPE	1/4 X 40 MOUNT	\$45.00
3/16 PIPE	5/16 X 32 MOUNT	\$45.00
1/4 PIPE	3/8 X 32 MOUNT	\$62.00

**MADE IN THE UK AND ARE SUBJECT TO CURRENCY  
FLUCTUATIONS**

**WHISTLES**

SIZE		PRICE
SMALL	3/8 DIA X 3	\$60.00
MEDIUM	1/2 DIA X 3 1/2	\$65.00
LARGE	5/8 DIA X 4 1/2	\$70.00
3" TRACTION ENGINE WITH VALVE		\$200.00
4" TRACTION ENGINE WITH VALVE		\$250.00

**TENDER HAND PUMP**

SIZE	PRICE
3/8 RAM	\$170.00
1/2 RAM	\$170.00
5/8 RAM	\$240.00

LUBRICATOR MECHANICAL	PRICE
1 1/4" SQUARE TANK SINGLE RAM	\$187.00
2" SQUARE TANK TWIN RAM	\$330.00
RATCHET WHEELS 7/16 DIA 43 TOOTH	\$22.20

**LUBRICATOR DISPLACEMENT**

1/4 X 32 MOUNT	\$143.00
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**INLINE CHECK VALVES** PRICE

5/32 PIPE TO PIPE	\$56.40
3/16 PIPE TO PIPE	\$63.00

**VACUUM BRAKE STEAM EJECTORS**

SIZE	PRICE
3/16 STEAM PIPE 3/16 VACUUM PIPE	\$200.00

HANDRAIL STANCHIONS		(each)			PRICE
GAUGE	BALL	RAIL	THREAD		
3 1/2	3/16	3/32	8BA		\$1.90
5	7/32	1/8	6BA		\$3.00
7 1/4	5/16	5/32	5BA		\$4.50

**SPRING CAP OIL CUPS** PRICE

5/16 AF BODY 3/16 X 32	\$26.90
5/16 AF BODY 2BA	\$38.50

**SAFETY VALVES**

SIZE	PRICE
5/16 X 32	\$62.20
5/16 X 26	\$45.50
3/8 X 26	\$45.50
3/8 X 32	\$45.50
1/2 X 26	\$92.90
5/8 X 26	\$116.60

**NUTS AND TAILS (5 pairs)**

PIPE SIZE	THREAD SIZE	PRICE
3/32	3/16 X 40	\$5.00
1/8	1/4 X 40	\$5.00
5/32	1/4 X 40	\$5.00
3/16	5/16 X 32	\$5.00
1/4	3/8 X 32	\$5.00

**UNIONS (with nuts and tails)**

PIPE	FEMALE	MALE	DOUBLE	B/HEAD	TEE
1/8	\$15.00	\$15.00	\$19.50	\$12.80	\$32.00
5/32	\$15.00	\$15.00	\$19.50	\$12.80	\$32.00
3/16	\$18.00	\$18.00	\$19.50	\$15.60	\$36.00
1/4	\$18.00	\$18.00	\$19.50	\$18.40	\$37.00

**BALLS**

**STAINLESS STEEL**

SIZE	PRICE
1/8 10	\$2.30
5/32 10	\$3.50
3/16 10	\$4.00
7/32 10	\$4.90
1/4 EACH	\$1.20
9/32 EACH	\$1.40
5/16 EACH	\$1.70
3/8 EACH	\$1.90
7/16 EACH	\$3.40
1/2 EACH	\$4.10

**BRONZE**

PRICE
EACH \$2.00
EACH \$1.20
EACH \$1.50
EACH \$2.40
EACH \$3.20
EACH \$3.80
EACH \$4.40
EACH \$6.60
EACH \$13.90
EACH \$20.20

**EPOXY GLASS LAMINATE / TUFNOLL (300 X 300)**

SIZE	PRICE
0.8mm (1/32)	\$5.90
2.0mm (3/32)	\$9.20

**TUBE BRUSH BRONZE**

SIZE	PRICE
5/16	\$18.00
3/8	\$18.00
7/16	\$18.00
1/2	\$18.00
9/16	\$18.00
5/8	\$18.00
3/4	\$18.00

**TUBE BRUSH HANDLE (28")**

HANDLES TO SUIT THE ABOVE BRUSHES ARE AVAILABLE  
AT **\$10.00 EACH**

**GLAND PACKING (500mm)**

SIZE	PRICE
1/8 TWIST	\$6.00
1/8 SQUARE	\$8.00
3/16 SQUARE	\$10.00

**GASKET MATERIAL (300mm X 300mm)**

SIZE	PRICE
1/64 THICK	\$17.50

**BOILER LAGGING**

SIZE	PRICE
12mm CERAMIC BLANKET 610mm WIDE	\$25.60/ 300mm
1.8mm FIBREGLASS/ ALFOIL 1000mm WIDE	\$45.50/ 300mm

## SPRINGS

SPRINGS CAN BE MADE TO ORDER IN SPRING WIRE OR STAINLESS WIRE IN EITHER COMPRESSION OR TENSION.

### SAFETY VALVE SPRINGS

AMBSC COPPER BOILER CODE    AMBSC STEEL BOILER CODE

<u>ORIFICE DIAMETER</u>	PRICE	<u>ORIFICE DIAMETER</u>	PRICE
3/16	\$9.20	9/16	\$13.00
7/32	\$9.80	5/8	\$
1/4	\$16.50	3/4	\$13.00
9/32	\$16.50	7/8	\$
5/16	\$9.80	1	\$
11/32	\$9.80		
3/8	\$11.00		
13/32	\$12.10		

### FLAT ANNEALED SPRINGS STEEL (500mm)

SIZE	WIDTH	PRICE
24SWG	3/4	\$2.20
24SWG	1	\$2.40
22SWG	3/4	\$2.60
22SWG	2 1/4	\$2.70
20SWG	3/4	\$2.80
20SWG	1 1/4	\$2.90
18SWG	1	\$3.00
16SWG	1/2	\$3.30

### STAINLESS STEEL SPRING WIRE (1mt)

SIZE	PRICE
26SWG	\$2.40
24SWG	\$2.50
22SWG	\$2.60
20SWG	\$2.70
18SWG	\$2.80
16SWG	\$2.90

**O RINGS VITON (EACH)**

SIZE No	I/D	O/D	WALL	PRICE
003	1/16	3/16	1/16	\$1.00
004	5/64	13/64	1/16	\$1.00
005	3/32	7/32	1/16	\$1.00
006	1/8	1/4	1/16	\$1.00
007	5/32	9/32	1/16	\$1.00
008	3/16	5/16	1/16	\$1.00
009	7/32	11/32	1/16	\$1.00
010	1/4	3/8	1/16	\$1.00
011	5/16	7/16	1/16	\$1.00
012	3/8	1/2	1/16	\$1.00
013	7/16	9/16	1/16	\$1.00
111	7/16	5/8	3/32	\$1.00
112	1/2	11/16	3/32	\$1.00
113	9/16	3/4	3/32	\$1.00
114	5/8	13/16	3/32	\$1.50
115	11/16	7/8	3/32	\$1.50
116	3/4	15/16	3/32	\$1.50
117	13/16	1	3/32	\$1.50
118	7/8	1 1/16	3/32	\$1.50
119	15/16	1 1/8	3/32	\$1.50
120	1	1 3/16	3/32	\$2.00
210	3/4	1	1/8	\$2.00
212	7/8	1 1/8	1/8	\$2.00
214	1	1 1/4	1/8	\$2.60
215	1 1/16	1 5/16	1/8	\$2.80
216	1 1/8	1 3/8	1/8	\$3.30
217	1 3/16	1 7/16	1/8	\$2.00
218	1 1/4	1 1/2	1/8	\$3.70
219	1 5/16	1 9/16	1/8	\$2.30
220	1 3/8	1 5/8	1/8	\$2.40
221	1 7/16	1 11/16	1/8	\$2.50
222	1 1/2	1 3/4	1/8	\$3.00
223	1 5/8	1 7/8	1/8	\$5.40
224	1 3/4	2	1/8	\$2.80
225	1 7/8	2 1/8	1/8	\$2.90
226	2	2 1/4	1/8	\$3.10

OTHER SIZES AVAILABLE ON REQUEST

## **VR LOCOMOTIVE DRAWINGS (EACH)**

NA CLASS	5" GAUGE	EA	\$20.00
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7 Drawings currently available

NA CLASS FULL SIZE	FULL SET		\$220.00
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J CLASS	5" GAUGE	SET	\$280.00
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All Drawings available

K CLASS	5" GAUGE	SET	\$280.00
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ALL Drawings available

N CLASS	5" GAUGE	SET	\$280.00
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ALL Drawings available

## **BOILER DRAWINGS TO AMBSC CODE**

**PLEASE HAVE YOUR BOILER INSPECTOR CHECK THE DRAWINGS BEFORE STARTING YOUR BOILER**

SWEET PEA	\$25.00
TITCH	\$30.00
BLOWFLY	\$25.00
SIMPLEX	\$25.00

## **AMBSC BOILER CODES**

COPPER	\$20.00
STEEL	\$20.00

## **VERTICAL BOILERS**

5" DIAMETER BOILER DRAWING	\$25.00
5" DIAMETER BOILER MATERIALS KIT	\$500.00

### 3 1/2" GAUGE LOCOMOTIVE DRAWING SETS

from the UK and are subject to currency fluctuations

TITCH 0-4-0 LBSC TANK                      \$110.00  
SET OF 9 DRAWINGS

ROB ROY 0-6-0 CALEDONIAN TANK      \$75.00  
SET OF 6 DRAWINGS

BRITANNIA 4-6-2 BR TENDER              \$160.00  
SET OF 11 DRAWINGS

JULIET 0-4-0 LBSC TANK                    \$75.00  
SET OF 6 DRAWINGS

### 5" GAUGE LOCOMOTIVE DRAWING SETS

SUPER SIMPLEX 0-6-0 TANK                \$125.00  
SET OF 7 DRAWINGS

SWEET PEA 0-4-0 NARROW GAUGE        \$95.00  
SET OF 7 DRAWINGS

SPRINGBOK 4-6-0 B1 LNER TENDER      \$190.00  
SET OF 12 DRAWINGS

NIGEL GRESLEY 2-8-0 GNR TENDER      \$180.00  
SET OF 11 DRAWINGS

METER MAID 0-6-0 (SWEET PEA)        \$105.00  
SET OF 7 DRAWINGS

ROYAL ENGINEER 4-6-0 LMS SCOTT      \$225.00  
SET OF 14 DRAWINGS

### 7 1/4" GAUGE LOCOMOTIVE DRAWING SETS

HOLMSIDE 0-6-0 SADDLE TANK            \$160.00  
SET OF 10 DRAWINGS

HIGHLANDER 4-6-0 LMS TENDER        \$270.00  
SET OF 18 DRAWINGS

DART 0-4-2 GWR TANK                      \$220.00  
SET OF 15 DRAWINGS

## TRACTION ENGINE DRAWING SETS

from the UK and are subject to currency fluctuations please ring for a quote

MINNIE 1in SCALE TRACTION ENGINE  
SET OF 9 DRAWINGS \$150.00

ALLCHIN 1 1/2in SCALE TACTION ENGINE  
SET OF 17 DRAWINGS \$250.00

AVAILING & PORTER 2in SCALE ROAD ROLLER  
SET OF 11 DRAWINGS \$250.00

DURHAM & NORTH YORKSHIRE 2in SCALE TRACTION ENGINE  
SET OF 10 DRAWINGS \$240.00

CLAYTON UNDER TYPE 2in SCALE STEAM WAGON  
SET OF 11 DRAWINGS \$210.00

## STATIONARY ENGINES

WARRIOR TWIN CYLINDER DOUBLE ACTING ENGINE  
3/4 BORE 5/8 STROKE VERTICAL ENGINE  
1 DRAWING \$35.00

UNICORN SINGLE CYLINDER HORIZONTAL MILL ENGINE  
3/4 BORE 1 1/2 STROKE  
1 DRAWING \$35.00

BEAM ENGINE 1 in SCALE  
SET OF 4 DRAWINGS \$100.00

SUUM CUIQUE SMALL HORIZONTAL MILL ENGINE  
1 DRAWING \$35.00

OPUS PROXIMUM SMALL VERTICAL COLUMN ENGINE  
SET OF 3 DRAWINGS \$70.00

**MANY OTHER DRAWINGS AVAILABLE JUST ASK FOR A PRICE**

## LOCOMOTIVE CASTINGS 5" GAUGE

### **SUPER SIMPLEX 0-6-0 (Martin Evans ME)**

DRAWING SET OF 7	\$125.00
BOILER DRAWING (AMBSC)	\$22.00
BOILER KIT (MATERIALS ONLY)	\$950.00
WHEEL SET OF 6	\$152.00
CYLINDER SET IN CAST IRON	\$215.00
CYLINDER SET IN GUNMETAL	\$350.00
HORNS IN GUNMETAL	\$108.00
AXEL BOXES IN GUNMETAL	\$134.00
SMOKE BOX SADDLE IN GUNMETAL	\$90.00
SMOKE BOX DOOR & RING IN GUNMETAL	\$86.00
CHIMNEY IN GUNMETAL	\$93.00
DOME IN GUNMETAL	\$63.00
AXLE PUMP ECCENTRIC IN GUNMETAL	\$12.00
BRAKE BLOCK RING IN CAST IRON	\$24.00
MAIN WHEEL SPRING SET	\$30.00
LASER CUT FRAMES (buffers & stretchers)	\$155.00

### **BLOWFLY 0-4-0 (Barry Potter AME)**

CONSTRUCTION BOOK	\$55.00
BOILER DRAWING (AMBSC)	\$22.00
BOILER KIT (MATERIALS ONLY)	\$985.00
WHEEL SET OF 4 DISCS IN CAST IRON	\$161.00
WHEEL SET OF 4 SPOKED IN CAST IRON	\$161.00
CYLINDER SET IN CAST IRON	\$190.00
AXLE BOXES IN CAST IRON STICK	\$20.00
SMOKE BOX SADDLE IN GUNMETAL	\$110.00
SMOKE BOX DOOR & RING IN GUNMETAL	\$163.00
CHIMNEY BASE & CAP IN GUNMETAL	\$83.00
CHIMNEY PETTICOAT IN GUNMETAL	\$35.00
DOME IN GUNMETAL	\$112.00
ECCENTRIC STRAPS 3 IN GUNMETAL	\$64.00
SLIDE VALVES IN GUNMETAL	\$30.00
MAIN WHEEL SPRING SET	\$50.00
LASER CUT FRAMES (buffers & stretchers)	\$200.00
LASER CUT CONNECTING RODS	\$35.00
LASER CUT COUPLING RODS	\$35.00

**SWEET PEA 0-4-0 (Jack Buckler EIM)**

CONSTRUCTION BOOK	\$82.00
DRAWING SET	\$105.00
BOILER DRAWING (AMBSC)	\$22.00
BOILER KIT (MATERIALS ONLY)	\$985.00
WHEEL SET (4 DISC)	\$161.00
CYLINDER SET IN CAST IRON	\$260.00
AXLE BOX SET IN CAST IRON	\$25.00
HORNS IN GUNMETAL	\$85.00
PUMP ECCENTRIC STRAP IN GUNMETAL	\$22.00
COUPLING & CONNECTING ROD BRASSES	\$45.00
SMOKE BOX SADDLE IN GUNMETAL	\$102.00
SMOKE BOX DOOR & RINGS (2) IN GM	\$187.00
CHIMNEY IN GUNMETAL	\$50.00
SLIDE VALVES IN GUNMETAL	\$25.00
PISTONS IN GUNMETAL	\$40.00
AXLE PUMP & HAND PUMP IN GUNMETAL	\$34.00
MAIN WHEEL SPRING SET	\$40.00
LASER CUT FRAMES & MOTION PLATES	\$105.00
LASER CUT TENDER FRAMES	\$55.00
TENDER WHEEL SET	\$121.00
TENDER WHEEL SPRING SET	\$35.00
TENDER AXLE BOXES IN CAST IRON	\$15.00
REVERSER STAND	\$42.00
REGULATOR BLOCK	\$30.00
PONY WHEEL SET	\$30.00
BRAKE BLOCK RING	\$30.00

**VR K CLASS 2-8-0**

WHEEL SET SPOKED	\$285.00
WHEEL SET BOX POCK	\$285.00
WHEEL SET TENDER AND PONY	\$155.00
CYLINDER SET IN CAST IRON	\$210.00
HORN SET	\$125.00
AXLE BOX SET	\$40.00
PONY HORNS AND AXLE BOX SET	\$80.00
MAIN AXLE BOX SET	\$26.00
LASER CUT FRAMES	\$110.00

### **VR J CLASS 2-8-0**

WHEEL SET SPOKED	\$285.00
PONY AND TENDER WHEEL SET	\$155.00
CYLINDER SET IN CAST IRON	\$210.00
HORN SET	\$125.00
PONY HORNS AND AXLE BOX SET	\$80.00
MAIN AXLE BOX SET	\$26.00
LASER CUT FRAMES	\$150.00

### **VR N CLASS 2-8-2**

WHEEL SET BOX POCK	\$285.00
LEADING PONY WHEEL SET	\$30.00
TRAILING PONY WHEEL SET	\$28.00
CYLINDER SET IN CAST IRON	\$210.00
HORNS	\$125.00
PONY HORNS AND AXLE BOX SET	\$160.00
LASER CUT FRAMES	\$150.00
TENDER WHEEL SET	\$112.00
MAIN AXLE BOX SET	\$26.00

### **LOCOMOTIVE CASTINGS 7 1/4" GAUGE**

#### **SWEET WILLIAM (71/4 SWEET PEA) 0-4-0**

DRAWING SET	\$125.00
BOILER DRAWING AMBSC	\$22.00
WHEEL SET SG CI	\$240.00
CYLINDER SET CI	\$355.00
AXLE BOXES	\$35.00
HORNS	\$80.00
SLIDE VALVES	\$57.00
ECCENTRIC STRAPS	\$TBA
BEARING BRASSES	\$TBA
SMOKE BOX SADDLE	\$TBA
SMOKE BOX RING AND DOOR	\$TBA
CHIMNEY TOP AND BASE	\$TBA
PISTON BLANKS	\$TBA
SPRING SET	\$80.00
LASER CUT FRAMES & STRETCHERS	\$TBA

## **FREELANCE NARROW GAUGE 2-4-0 OR 2-6-0**

MAIN WHEELS 7" TREAD EACH	\$90.00
CYLINDER SET IN CAST IRON	\$500.00
2' TO 2 3/8 BORE 3" TO 3 1/2" STROKE	
CHIMNEY BASE CI 8 5/8 DIA BARREL	\$95.00
CHIMNEY PETTICOAT IN GM	\$90.00
PONY WHEEL SET 4 1/2" DIA	\$75.00
SMOKE BOX DOOR	\$130.00
BRAKE BLOCKS (EACH)	\$9.00

## **ROLLING STOCK 5" GAUGE**

### **VR WAGON PARTS**

WHEELS SPOKED 3" TREAD DIA	\$15.00
AUTO COUPLERS IN STEEL	\$60.00
AXLE BOX IN GUNMETAL (4)	\$72.00
BUFFER STOCKS IN GUNMETAL (4)	\$68.00
DUMMY LEAF SPRINGS IN AL (4)	\$46.00
W IRONS LASER CUT (4)	\$24.00
HOOKS LASER CUT (2)	\$8.00
AXLE BOX COIL SPRINGS (4)	\$5.00
BRAKE BLOCKS (4)	\$30.00

### **VR WAGON DRAWINGS**

I WAGON	\$20.00
GY OPEN WAGON	\$20.00
K FLAT WAGON	\$20.00
KMQ CONTAINER WAGON	\$20.00
T VAN	\$20.00
TANKER	\$20.00
Z GUARDS VAN	\$20.00

### **TRAM**

WHEELS DISC (6)	\$80.00
AXLE BOX DUMMY (6)	\$75.00

## **ROLLING STOCK 71/4" GAUGE**

AUTO COUPLERS STEEL	\$95.00
WHEELS SPOKED (each)	\$40.00

## **WORKSHOP EQUIPMENT CASTINGS**

WHEEL QUARTERING JIG (MAX DIA 71/4") ALL CASTINGS, MATERIALS, FASTENERS AND DRAWING INCLUDED.	\$75.00
SMALL FACEPLATE ANGLE BLOCK FOR 6"DIA FACE PLATE	\$55.00
LARGE FACEPLATE ANGLE BLOCK FOR 8" DIA FACE PLATE	\$62.00
SMALL ANGLE BLOCK (6") SUITABLE FOR SMALL MILL TABLE	\$55.00
LARGE ANGLE BLOCK (10") SUITABLE FOR LARGER MILL TABLES	\$62.00
TAPPING STAND KIT MAX 3/8 DIA THROAT HEIGHT 12" ALL CASTINGS, FASTENERS, MATERIALS DRAWINGS AND CHUCK INCLUDED.	\$175.00

Many tooling drawings available just ask.....

## TOOLS

### RIVET SNAPS

SIZE	PRICE
1/32	\$19.90
3/64	\$24.10
1/16	\$28.30
3/32	\$33.70
1/8	\$35.70
5/32	\$38.50
3/16	\$39.10

### TAP WRENCH

SIZE	PRICE
MINI BAR TYPE	\$9.00
BAR TYPE 1/4	\$16.00
BAR TYPE 1/2	\$19.50
T TYPE 5/32	\$16.00
T TYPE 1/4	\$17.90
T TYPE 1/2	\$18.50

### DIE STOCK

SIZE	PRICE
13/16 DIA	\$17.20
1 DIA	\$16.20

### SINGLE DRILLS

	PRICE
NUMBER DRILLS 1-80	\$5.00
LETTER DRILLS A-Z	\$10.00
FRACTION DRILLS 1/32 – 3/8	\$8.00
FRACTION DRILLS ABOVE 3/8	\$POA
METRIC DRILLS 0.5mm-10mm	\$5.00

### DRILL SETS

	PRICE
NUMBER DRILLS 1-60	\$82.10
NUMBER DRILLS 61-80	\$27.60
LETTER DRILLS A-Z	\$90.00
COMBINATION 1-60, A-Z, 1/16-1/2	\$130.00
METRIC SET 1mm TO 10mm IN .1 RISES	\$139.00
AND 10mm TO 13mm IN .5 RISES	
101 PIECES	

<b>CENTRE DRILL</b>	<b>PRICE</b>
BS 0	\$8.00
BS 1	\$8.00
BS 2	\$8.00
BS 3	\$8.00
BS 4	\$8.00

<b>BA SPANNERS</b>	<b>PRICE</b>
SIZE	
0BA to 11BA OPEN ENDED SPANNERS	\$120.00
LASER CUT SPANNER SET 0BA TO 12BA	\$66.00
TUBULAR BOX SPANNER SET 0BA TO 10BA	\$70.00
TUBULAR BOX SPANNERS (EACH) 2-12BA	\$11.00

<b>TAPER PIN REAMERS – AUSTRALIAN OR UK MADE</b>		
SIZE		PRICE
1/16		\$20.00
7/0	1/16	\$40.00
6/0	5/64	\$40.00
5/0	3/32	\$40.00
4/0	7/64	\$40.00
3/0	1/8	\$50.00
2/0	9/64	\$30.00
0/0	5/32	\$30.00
1	11/64	\$30.00

<b>REAMERS – AUSTRALIAN MADE</b>		
SIZE	CHUCKING	HAND
1/8	\$21.90	\$27.90
3mm	\$11.80	\$61.20
5/32	\$21.90	\$34.10
4mm	\$18.90	\$29.90
3/16	\$22.60	\$33.00
5mm	\$21.40	\$29.90
1/4	\$22.60	\$34.90
6mm	\$22.60	\$30.80
5/16	\$26.30	\$35.40
8mm	\$26.30	\$35.40
9mm	\$29.00	\$38.10
3/8	\$37.70	\$42.10
7/16	\$40.40	\$49.40
1/2	\$47.00	\$54.70
12mm	\$44.80	\$54.70

**REAMER SETS – UK MADE**

METRIC STRAIGHT SHANK REAMER SET	\$180.00
9 REAMERS 2,3,4,5,6,7,8,10, 12	
IMPERIAL STRAIGHT SHANK REAMER SET	\$180.00
1/16, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2	

**ADJUSTABLE REAMERS – UK MADE**

SIZE	PRICE
1/4 TO 9/32	\$38.10
9/32 TO 5/16	\$38.10
5/16 TO 11/32	\$38.10
11/32 TO 3/8	\$38.10
3/8 TO 13/32	\$42.90
13/32 TO 7/16	\$42.90
7/16 TO 15/32	\$42.90
15/32 TO 17/32	\$52.40
17/32 TO 19/32	\$52.40
19/32 TO 21/32	\$52.40
21/32 TO 23/32	\$57.20
23/32 TO 25/32	\$57.20
25/32 TO 27/32	\$57.20
27/32 TO 15/16	\$66.70
15/16 TO 1 1/16	\$66.70
BOXED SET 1/4 TO 17/32	\$299.00

**METRIC ADJUSTABLE REAMERS ALSO AVAILABLE**

**SLOT DRILLS Co8 – AUSTRALIAN MADE**

SIZE	SHORT SERIES	LONG SERIES
3/32	\$16.30	\$16.30
3mm	\$15.40	\$18.50
1/8	\$14.80	\$16.90
4mm	\$13.00	\$14.70
5/32	\$12.70	\$16.00
3/16	\$13.10	\$16.00
5mm	\$13.00	\$15.20
6mm	\$13.00	\$18.00
7/32	\$13.70	\$16.50
1/4	\$15.60	\$18.50
9/32	\$19.20	\$22.50
5/16	\$19.50	\$23.10
8mm	\$19.80	\$23.50
3/8	\$19.80	\$23.50
10mm	\$20.10	\$24.00
7/16	\$22.00	\$28.80
12mm	\$20.40	\$26.70
1/2	\$21.40	\$26.00
14mm	\$24.00	\$31.90
5/8	\$27.80	\$36.80
3/4	\$35.30	\$51.90

**END MILLS Co8 – AUSTRALIAN MADE**

SIZE	SHORT SERIES	LONG SERIES
3mm	\$12.60	\$15.90
1/8	\$12.60	\$14.80
4mm	\$12.20	\$14.40
3/16	\$12.60	\$13.80
5mm	\$12.60	\$14.40
6mm	\$12.20	\$15.00
1/4	\$12.60	\$14.40
5/16	\$14.70	\$17.60
8mm	\$16.10	\$18.70
3/8	\$15.80	\$18.00
10mm	\$16.10	\$18.70
12mm	\$20.40	\$22.60
1/2	\$20.10	\$23.80
14mm	\$21.40	\$28.40
5/8	\$26.30	\$37.10
3/4	\$34.70	\$50.10

### **SLOT DRILL BALL NOSE CoE8 – AUSTRALIAN MADE**

SIZE	PRICE
1/8	\$25.50
3/16	\$25.50
1/4	\$31.50
5/16	\$32.30
3/8	\$32.30
7/16	\$33.30
1/2	\$44.60
5/8	\$59.90
3/4	\$70.80

METRIC SIZES ALSO AVAILABLE - POA

### **SLITTING SAWS - IMPORTED**

DIA	THICKNESS	PRICE
3"	0.5mm	\$19.00
	0.75mm	\$19.00
	1.0mm	\$19.00
	1.25mm	\$19.00
	1.5mm	\$19.00
	2.0mm	\$19.00
4"	1.0mm	\$32.00

### **“T” SLOT CUTTERS – AUSTRALIAN MADE**

SIZE	PRICE
6mm	\$65.30
8mm	\$81.00
10mm	\$90.90
12mm	\$109.30

### **RADIUS CUTTERS - IMPORTED**

SIZE	PRICE
1/16	\$32.20
3/16	\$48.60
1/4	\$61.90
5/16	\$83.70
3/8	\$103.80
1/2	\$133.40
3/4	\$146.00

## **ROUND TOOL STEEL HSS Co – AUSTRALIAN MADE**

<b>SIZE</b>	<b>PRICE</b>
1/8 X 3"	\$6.90
3/16 X 3"	\$7.90
1/4 X 3"	\$9.60
5/16 X 3"	\$10.40
3/8 X 4"	\$18.20

METRIC SIZES ALSO AVAILABLE - POA

## **SQUARE TOOL STEEL HSS Co – AUSTRALIAN MADE**

<b>SIZE</b>	<b>PRICE</b>
3/16 X 3"	\$7.90
1/4 X 3"	\$10.40
5/16 X 3"	\$12.30
3/8 X 4"	\$19.60

METRIC SIZES ALSO AVAILABLE – POA

## **LATHE TOOLS CARBIDE INSERT - IMPORTED**

<b>SIZE</b>	<b>PRICE</b>
TIPPED CUTTING TOOL SET 12MM 9 PIECE	\$223.00
CUTTING TOOL TIPS REPLACEMENT 12MM 9PC	\$30.00
TIPPED CUTTING TOOL SET 20MM 9 PIECE	\$266.00
CUTTING TOOL TIPS REPLACEMENT 20MM 9PC	\$36.00

## **LATHE CENTRES**

<b>SIZE</b>	<b>PRICE</b>
LIVE CENTRE NO 1 MT	\$61.60
LIVE CENTRE NO 2 MT	\$82.40
LIVE CENTRE NO 3 MT	\$107.00
DEAD CENTRE NO 2 MT	\$28.40
DEAD CENTRE NO 3 MT	\$37.20

## **LATHE TOOLING**

<b>SIZE</b>	<b>PRICE</b>
KNURLING TOOL 6 KNURL TYPE	\$78.00
PARTING TOOL HOLDER 1/16 BLADE X 5/16	\$28.80
PARTING TOOL HOLDER 3/32 BLADE X 1/2	\$30.60
PARTING TOOL HOLDER 1/8 BLADE X 3/4	\$40.20
PARTING TOOL BLADE 1/16 X 5/16	\$24.20
PARTING TOOL BLADE 3/32 X 1/2	\$27.80
PARTING TOOL BLADE 1/8 X 3/4	\$35.20
BORING BAR WITH HOLDER 1/8 TOOL BIT	\$26.80
BORING BAR WITH HOLDER 3/16 TOOL BIT	\$29.60
BORING BAR WITH HOLDER 1/4 TOOL BIT	\$32.20
BORING BARS 4 PIECE SET 1/4, 5/16, 3/8, 1/2	\$40.00
TAIL STOCK DIE HOLDER 13/16 DIA	\$28.80
TAIL STOCK DIE HOLDER 1 DIA	\$29.70
COMBINATION CENTRE GAUGE	\$13.00
STRAIGHT LATHE DOG 1/2 CAPACITY	\$29.10
STRAIGHT LATHE DOG 3/4 CAPACITY	\$30.60
STRAIGHT LATHE DOG 1 CAPACITY	\$37.20
BENT LATHE DOG 1/2 CAPACITY	\$29.10
STRAIGHT LATHE DOG 3/4 CAPACITY	\$30.60
STRAIGHT LATHE DOG 1 CAPACITY	\$37.20

## **MEASURING EQUIPMENT**

<b>SIZE</b>	<b>PRICE</b>
DIGITAL VERNIER CALLIPER 200mm/8"	\$118.50
VERNIER CALLIPER 200mm/8"	\$39.90
DIGITAL OUTSIDE MICROMETER 0-25mm/0-1"	\$152.50
MICROMETER OUTSIDE 0-1"	\$34.50
MICROMETER OUTSIDE 0-25mm	\$34.50
DEPTH MICROMETER 0-150mm 6 RODS	\$137.30
V BLOCK SET 325X35X48mm	\$46.40
DIGITAL HEIGHT GAUGE 0-300mm/0-12"	\$266.00
HEIGHT GAUGE 0-300mm/0-12"	\$180.00
TELESCOPIC GAUGE 2PC SET 1/8-1/2	\$60.90
DUAL DIAL INDICATOR	\$64.50
MAGNETIC BASE	\$55.50
COMBINATION SQUARE	\$108.90
SURFACE GAUGE 4" TO 7"	\$41.80

**HAND TOOLS**

SIZE	PRICE
PIN VICE SET (4 PIECES )	\$26.40
TOOLMAKERS CLAMP 2"	\$16.40
TOOLMAKERS CLAMP 3"	\$24.20
PRECISION ENGINEERS SQUARE 2"	\$18.60
PRECISION ENGINEERS SQUARE 3"	\$26.60
PRECISION ENGINEERS SQUARE 4"	\$35.40
PRECISION ENGINEERS SQUARE 6"	\$41.20
THREAD GAUGES (METRIC OR IMPERIAL)	\$28.50
AUTOMATIC CENTRE PUNCH	\$19.80
SCRIBER CARBIDE NIB	\$15.80
3/32 NUMBER STAMPS	\$20.60
3/32 LETTER STAMPS	\$34.70
1/8 NUMBER STAMPS	\$23.80
1/8 LETTER STAMPS	\$37.00
VEE BLOCK SET	\$70.40

**DRILL CHUCKS AND SLEEVES**

SIZE	PRICE
DRILL CHUCK ROHM PRECISION 5/16 1 - 2MT	\$50.00
DRILL CHUCK ROHM PRECISION 3/8 1 OR 2MT	\$57.20
DRILL CHUCK ROHM PRECISION 1/2 1 - 2 MT	\$71.50
DRILL SLEEVE 1MT TO 2MT	\$15.60
DRILL SLEEVE 2MT TO 3MT	\$24.30
DRILL GAUGES (ALL SIZES)	\$23.80
DRILL DRIFT NO 1	\$6.40
DRILL DRIFT NO 2	\$8.60
DRILL DRIFT NO 3	\$9.50
MICRO CHUCK	\$16.50
PIN CHUCK SET 0.010" TO 0.060"	\$19.60

## MILLING MACHINE EQUIPMENT

	PRICE
WIGGLER AND CENTRE FINDER SET	\$32.50
SLITTING SAW HOLDERS 1/2 SHANK BORES 1/2, 5/8, 3/4 1	\$37.70
FLY TOOL CUTTERS 3 1/2 SHANK 3/16, 1/4, 5/15 TOOLS	\$53.20
BORING HEAD 2" DIA, HOLDER 1/2, SCALE 2" X 0.0005	\$158.40
BORING HEAD 3" DIA, HOLDER 3/4 SCALE 3" X 0.0005	\$242.00
BORING HEAD SHANK 2MT	\$74.80
BORING HEAD SHANK 3MT	\$83.60
BORING HEAD CARBIDE TIPPED BARS 1/2 9PC SET	\$105.60
BORING HEAD CARDED TIPPED BARS 3/4 6PC SET	\$143.00
COLLET CHUCK AUTO LOCK , 2MT SHANK 3/8 BSW	
DRAWBAR 4 COLLETS 1/4, 3/8, 1/2, 5/8	\$506.00
COLLET CHUCK AUTO LOCK , 3MT SHANK 1/2 BSW	
DRAWBAR 4 COLLETS 1/4, 3/8, 1/2, 5/8	\$539.00

**MANY OTHER ITEMS OF TOOLING AVAILABLE FROM AUSTRALIA AND OVERSEAS – PLEASE ASK AND GET A QUOTE.**