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List No. A/359



**MORE AND FASTER MILES !**

A LIST OF ACCESSORIES AND DEVICES FOR CYCLES  
AND TANDEM — — — — MANUFACTURED BY

**THE CYCLO GEAR CO. LTD.** POTTERS HILL  
BIRMINGHAM-6

TERMS OF BUSINESS.

This List is subject to a confidential TRADE DISCOUNT of  $33\frac{1}{8}\%$

Carriage Paid and Packing Free for orders over £2-10-0 nett. Settlement dis.  $3\frac{3}{4}\%$  7 days

Customers having no Ledger A/c. with us will save time by sending cash with order.

Ledger A/c. will be opened upon two approved references.

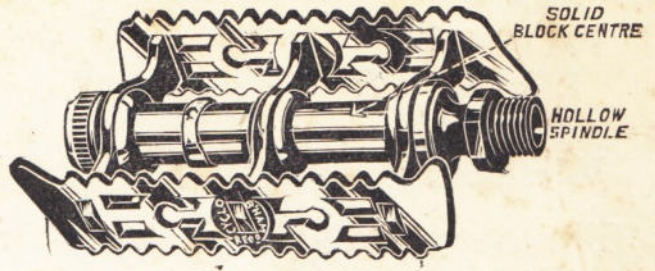
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**CYCLO GEAR CO. LTD. BIRMINGHAM, 6.**

## "Rosaloy" Solid Centre Pedals

Registered Design 797338.

Skilled labour employed in manufacture and assembly of these Pedals. They are the market's best production at the price in alloy Pedals. Fully guaranteed. For lasting wear dural plates are not to be recommended and for the slight difference in weight we strongly recommend the chrome steel plates.



Ref. 601. Weight 13oz.

3 Struts Pattern. "ROSALOY" Centre.

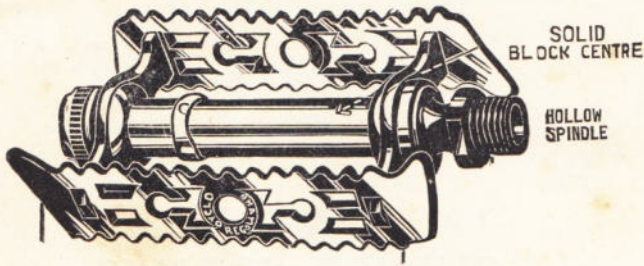
Weight 13oz. with chrome steel plates.

" 11oz. " dural plates.

Width 3 3/4 in.

Price (Steel or Dural) 7/6 per pair.

N.B.—When ordering state Steel or Dural Plates.



Ref. 600.

2 Struts Pattern. "ROSALOY" Centre.

Fitted with chrome steel plates.

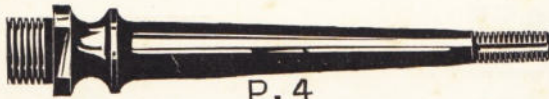
Weight 13oz. Width 3 3/4 in.

Price 7/- per pair.

## "Rosa" Pedal Spares

We undertake to return within 24 hours any Pedal overhaul or new plates fitting.

- |      |   |                      |           |
|------|---|----------------------|-----------|
| P. 1 | Chrome Steel Plate, 2 Struts                            | type ... ..          | 9d. each. |
| P. 3 | " " or Dural Plate                                      | 3 Struts type ... .. | 9d. "     |
| P. 4 | Spindle   | ... ..               | 1/3 "     |
| P. 5 | Spring Oiler  | ... ..               | 1d. "     |
| P. 6 | Cone  | ... ..               | 4d. "     |
| P. 7 | Washers   | 6d. doz.             |           |
| P. 8 | Nut   | ... ..               | 2d. each. |
| P. 9 | Cap   | ... ..               | 6d. "     |
| P.10 | Plain Cup   | 3d. "                |           |
| P.11 | Threaded Cup<br>(Pedal Cap Side)                        | 4d. each.            |           |
| P.12 | "Rosaloy" Centre<br>2 Struts type complete<br>with cups | 2/3 each.            |           |
| P.13 | "Rosaloy" Centre<br>3 Struts type complete<br>with cups | 2/3 each.            |           |



P.1

P.10

P.4

P.11

P.3



## "CAM"

THE ORIGINAL PIANO WIRE TOE CLIP Ref. No. 75. Refuse inferior imitation. All genuine "CAM" are marked. The trade mark is your guarantee. Adopted by all Continental Champions. 2 1/2 oz. per pair. The lightest and almost indestructible made Toe Clip. Price 1/3 per pair. All black finish.



## "Cam-Serfor"

BRITISH SELECTED CHROME LEATHER STRAPS

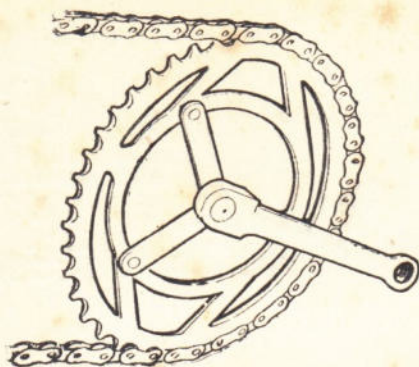
Ref. No. 76

Made to meet the demand for a good quality Strap at a low price.

Price 1/3 per pair.

## "ELAN" PATENT LONG CHAIN WHEEL.

Eliminates Dead Centres.



GIVES MORE MILEAGE WITH LESS FATIGUE.

The most simple and efficient saving fatigue device yet invented. The 48 T ELAN long chain wheel being equal to a 44T standard round pattern you increase thereby your gear without that extra effort and moreover, you will still retain the normal pedal action.

This device is only recommended for CYCLO equipped machines. No alteration required.

3 Types. One size only, 48th  $\frac{1}{2}$ " x  $\frac{1}{8}$ ".

Ref. 203/W 3 claw-type, suitable for Williams Crank.

Ref. 203/CL 3 claw-type, suitable for Chater Lea Crank.

Ref. 205 5 Pin Standard Crank.

Price 8/6. Chain Wheel Only.

Ref. 205/D Double Chain Wheel 48TH x 30TH, supplied for 5-pin type only.

Price 12/6 each.

Standard Finish Chrome.



## BAG QUICK RELEASE DEVICE.

(Patent.)

The last word in Quick-Release Bag Attachments. Invented by a C.T.C.

Member, and described by all cycling critics as the neatest and most efficient device yet invented.

**THERE ARE NO LOOSE PARTS ONCE FITTED.**

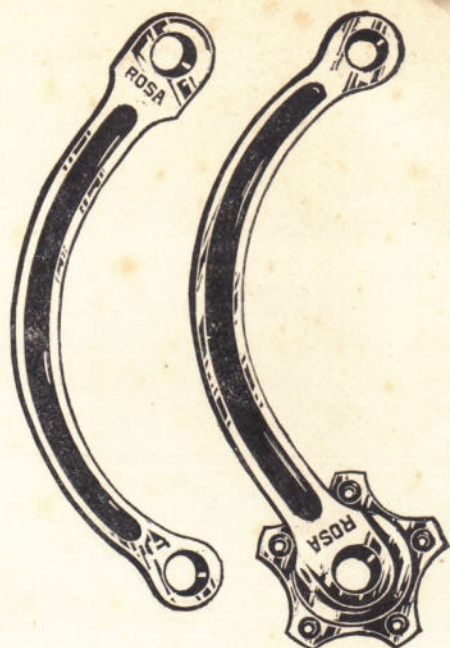
There is Nothing to Remove. It's Foolproof and Instantaneous.

Ref. No. 67.

Weight  $4\frac{1}{2}$  oz. Finish: Gun Black. Complete Attachment as illustrated ... .. 2/3

Your bag will last longer if detached from the saddle. It will keep clean and dry, and save cost of attachment on bag renewal.

Can be fitted to any standard Touring Bags by anyone in a few minutes without alteration. Fitted as Standard on all "Mansfield" Touring Bags.



## "ROSA" CURVED CRANKS.

Ref. No. 63

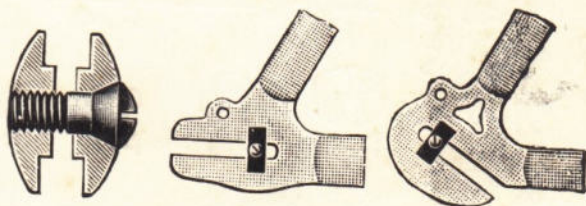
Designed to overcome dead centre; gives fast pedalling action. Adopted by the World's best sprinters.

Selected drop forging; standard size  $6\frac{3}{4}$  in. length centre to centre.

Only supplied for 5 pin type chain wheel, B.S.A. type.

Chrome Finish—Red Centre.

Price 10/6 per pair.



Registered Design 753064.

## "ROSA" WHEEL STOPS.

Ref. No. 74

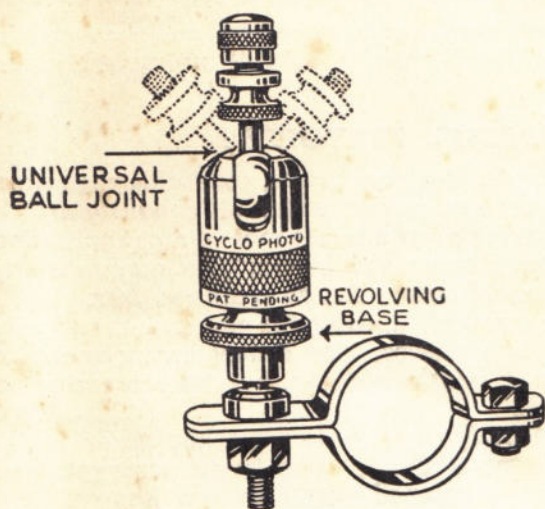
For Instantaneous Chain Adjustment.

Per pair, 9d.

JUST THE THING FOR YOUR "CYCLO" equipped mount. The fitting of "ROSA" Stops enable the wheel to be replaced in correct position after wheel removal.

## "CYCLO" HANDLEBAR CAMERA BRACKET

Patent Applied for.



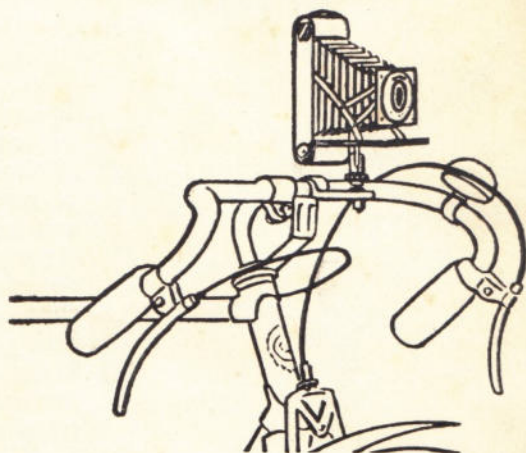
So many cyclists make a habit of taking a camera with them on their journeys a wheel that there is a very wide potential market for the handlebar camera bracket. The sketch is self-explanatory. The clip is made to fit either  $\frac{3}{4}$  in. bars or 1 in. top tube, and may be left permanently in position ready to act as a camera stand whenever the bicycle is propped in a convenient position. It is fitted with a universal ball

joint operated by a knurled adjustable base, so that the camera can be locked in any desired position.

Rustless—weight 3oz. Overall length 2in.

Finish—Chrome.

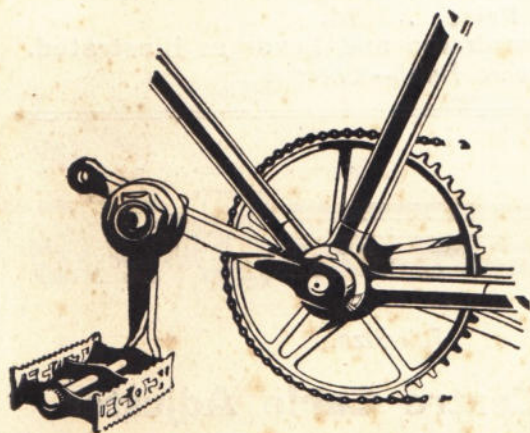
Price 2/6 each.



**TRIPOD  
ADAPTOR**

This small Adapter makes it possible to use the "Cyclo" Camera Bracket in conjunction with any standard tripod.

Price 6d.



Price 19/6 Chrome Finish.

(Complete with Pedal.)

Ref. No. 66.

## The "Fournes" Swinging Crank

Patent.

**The Most Efficient and Safest Device yet  
Invented for Disabled Riders.**

Can be fitted to Right or Left-hand Crank for  
Free Wheel Cycle.

WELWYN GARDEN CITY. 1/4/31.

Dear Sirs,—Many thanks for your letter of the 24th March and for the special crank received safely.

I have given it a very good try out and find it excellent and comfortable in use. The movement is extremely easy, and makes cycling much more pleasurable, especially after always using a fixed wheel. I shall be happy to recommend it to any one-legged cyclist, and shall not revert to a fixed wheel while a swinging crank is obtainable.

Again thanking you for your trouble. I enclose remittance for same.—Yours faithfully, H.E.S.

**The only Roller Bearing Swinging Crank giving perfect riding control for One-legged Riders using Artificial Limb.**

## "Rosa" Crown Patent Caliper Brake

Patent No. 394,277.

The most efficient type of caliper brake for the racing man. Will not damage the rim, and yet retains full gripping power in wet weather.

The blocks are of best quality compressed felt and the fact that they can revolve in any position they will outlast any other type of blocks.

### SPECIAL FEATURES :

- (1) Cylindrical felt pads, ideal for sprints, cannot damage rims, yet retain full braking power under all conditions.
- (2) Minimum of working parts ensures most direct application of power between lever and blocks, also easy working and minimum loss of power due to wear and tear.
- (3) Main pivots are screwed, allowing for adjustment and easy detachment of brake arms, also swivel arrangement of clips, allows for all widths of forks, hereby presenting no fitting difficulties.
- (4) Brake arms and bridge are made from hot stampings in non-rustable gunmetal alloy ; this is the strongest and toughest material combined with lightness known.
- (5) Each brake arm is independently operated by means of steel wire link, giving compensating action on brake pads, while independent bow spring ensures snappy return action.
- (6) Waterproof transmission with central adjuster, rustless solid lever handle, chrome finish.
- (7) Made in two patterns :—Ref. No. 60 for 1in. Sprints and Endrick.

Ref. No. 61 for 1 $\frac{3}{8}$ in. and 1 $\frac{1}{2}$ in. Westwood.

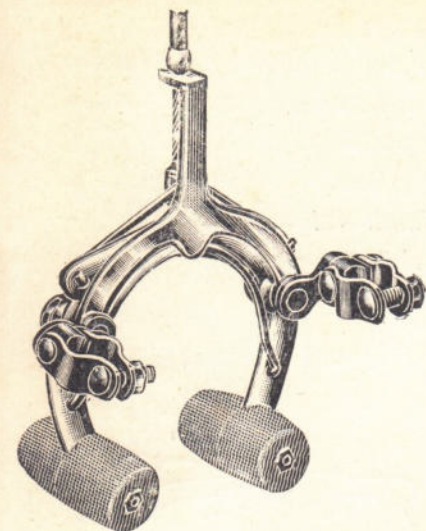
Standard Clips :—Rear  $\frac{9}{16}$ in. and  $\frac{5}{8}$ in. Round ; Front D to Round.

Special Clips supplied for Oval or Round Forks to order.

**Price : Front ... 7/6 Rear ... 7/9**

Replacement Felt Roller Blocks, per sets of 4 per brake :—  
Price ... 9d.

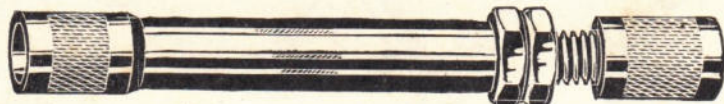
**Complete with Transmission and Lever as illustrated.**  
Standard Finish—Chrome.



### "ROSA" DYNAMO BLACK BAKELITE MUD-SHIELD

Registered No. 797308.

Clips direct on neck of dynamo—specially designed for Lucas and Miller patterns entirely rust-proof. A boon to all-weather men. Price 1/3



Full Size.

### "Rosa" Centre Cable Adjuster

The Best of its Kind.

Ref. 45.

Price ... 9d.

Chrome Finish.

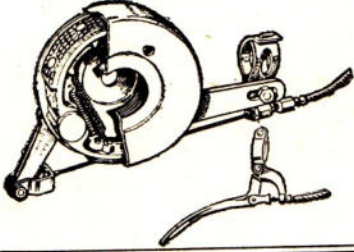
Overall length 2 $\frac{3}{4}$ in.

## The "Cyclo" Brake Drum

Ref. No. 12

### FOR USE WITH DOUBLE COG HUBS

Easily adaptable giving Hub Brake efficiency. Weighs 2 lbs. 5 ozs. (complete with Control). Complete with best quality waterproof Transmission and solid brass lever handle N.P. or Chrome finish.

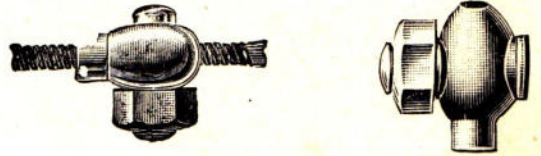


PRICE :

	Each
CYCLE TYPE	12/-
TANDEM ,,	13/9

## PATENT SOLDERLESS NIPPLES

Ref. No. 23/a.



The most efficient of its type. Draw bolt action. Worth £1 when needed on the road. Carry one with you, your friend might want it if you don't.

For Standard Cycle size, Cable No. 1—

Price 2d. each.

For Standard Tandem size, Cable No. 2—

Price 3d. each.

Supplied to the Trade carded : 2 dozen Cycle size, 1 dozen Tandem size.

Price per Card 5/-.

## WATERPROOF BRAKE TRANSMISSIONS

Ref. No. 69.

Complete with all fittings as illustrated.

For Hub Brakes :

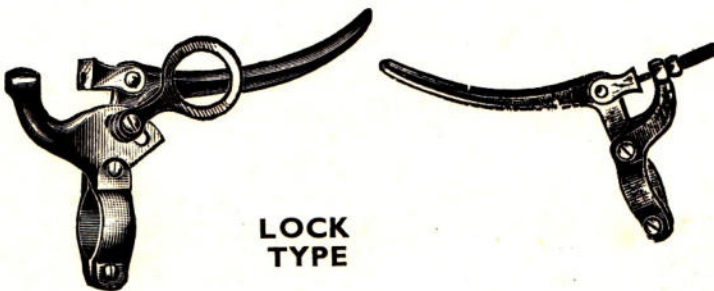
Solo Front ... ..	1/3 each.
„ Rear ... ..	2/- „
Tandem Front ... ..	1/3 „
„ Rear ... ..	3/- „

For Caliper Brakes :

Solo Front ... ..	1/- each.
„ Rear ... ..	1/6 „
Tandem Rear ... ..	2/9 „

N.B.—All our Transmissions are made of best quality material only.

## “ ROSA ” RUSTLESS SOLID BRAKE LEVERS



LOCK TYPE

Regd. Design  
797339.

For 7/8 in. Bar. Fingertight locking device. Specially recommended for Touring and Tandem users. Chrome finish. Complete as illustrated. Weight : 4 oz.

Price 3/-.  
Ref. No. 72.

Weight : 3 1/2 oz.

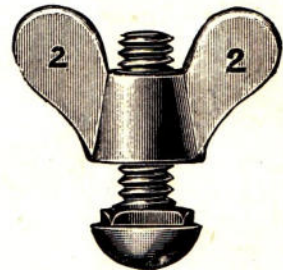
No. 22.

For 7/8 in. Bar. Our own design.

Chromium Finish 2/-  
Black Oxydised 2/3

## “ ROSA ” WING BOLT

Ref. No. 70.

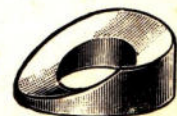


Suitable for all types of expanding hub brakes and other purposes. Full size as illustrated. 7/32 in. Whitworth.

Cadmium Finish 3d. each.

## RECESSED EXPANDER WASHER

Ref. No. 71.



Full size as illustrated.

Cadmium Finish 2d, each.





Ref. No. 68.

As used on the Continent for Handlebar Covering. Colour Grey. British made.

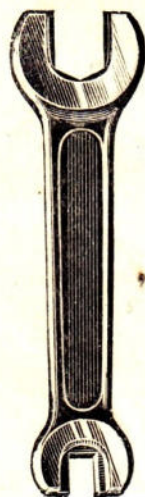
Price 8d.

## STANDARD BOX SPANNER TOOL

Ref. 11.

Steel Drop Forging machined to fit all standard size nuts.

Price 1/- each.

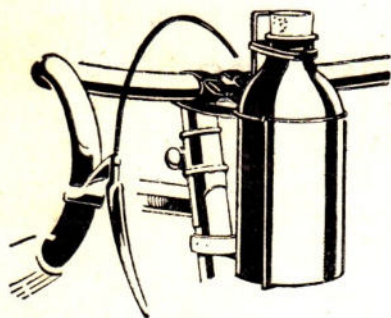


## UNIVERSAL NIPPLE KEY

Ref. No. 14.

The best of its type. Accurately machined and hardened a most handy little tool.

Price 9d. each.



Ref. No. 761.

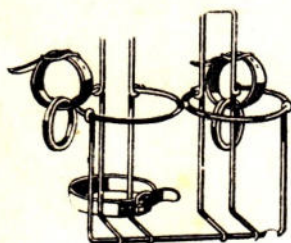
## ALUMINIUM BOTTLES AND WIRE CARRIERS

Registered Design, Nos. 800730-31.

Featherweight Bottles easily removable. Wire double cage very light, weighs under 10oz., complete with bottles. Double leather straps fastening easy fit and provided with special rubber rings.

Single Cage ... 1/6 Ref. 763. Bottle with Cork 1/9  
Double ,, ... 2/- Extra Corks ... 2/- doz.

2 1/2 oz. Capacity 1 pint approx.



Ref. No. 762.

## "ROSA" SPORT FOAM RUBBER SPONGE GRIPS

Ref. No. 77.

2oz. per pair. Non-absorbent skin surface. Thickest part of grip is on top to give more resilience. 5in. long.

Try a pair ... 2/- pair.



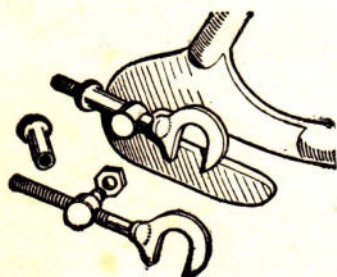
## CAM QUICK RELEASE ADJUSTER

Ref. No. 15.

Adaptable to any type of fork ends. No more wheel "pull over." Instant chain and wheel adjustment. Wheel drops out without removal of adjuster, which swivels away on a revolving bearing.

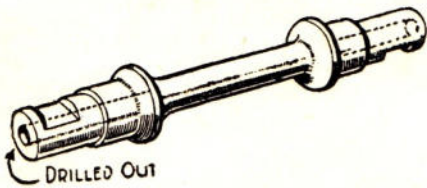
Price 1/3 per pair.

N.B.—When ordering please state Cycle or Tandem type.



PATENT

**SUPER-CAM NICKEL STEEL BRACKET  
AXLE**  
Ref. No. 60/A.



Countersunk and drilled out both ends, accurately machined and ground. Standard 1½ in. C/L cotterless type. Weight 5½ ozs. Chrome finish.

Price 3/3

**"ROSA" BUTTERFLY NUT**



1936 Improved Design.

The only British made gunmetal Wing Nut. Rustless and butted.

Ref. No. 64.

Front 5/16 in. x 26th. Rear 3/8 in. x 26th. Weight per pair : 2oz.

Price per pair, Front or Rear 10d.

(Set of Four in Box 1/8)

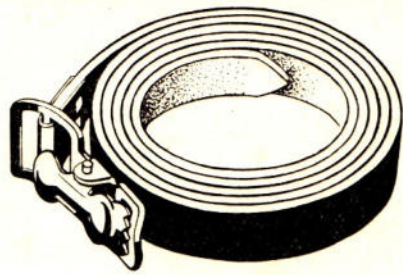
Ref. No. 64/R. Super Light "Rosaloy." Front or rear. Weight per pair : 1oz.

Price per pair 1/6

(Set of Four in Box 3/-)

Supplied to the trade carded, 3 sets per card (4 to set).

Ref. 64 ... Per card	5/-
Ref. 64/R .. "	7/-



**"ROSA" CAMPING STRAP**

2ft. 9in. l'g. by ½ in. w'e. Quick release buckle. Weather-proof leather substitute—thoroughly reliable.

Specially recommended for touring bags and tubular carrying.

Felt lined to prevent chafing.

Price 1/- per pair.

**"ROSA" LOCK NUT FOR HUB SPINDLES.**

Ref. No. 61/A.



Well-made with large serrated hardened swivel washer giving maximum gripping surface. An efficient job, fitted if specified by all makers.

Specially recommended for "Cyclo" equipped cycles, racing machines and tandems. Finish—Polished Chrome.

Standard B.S.A. size, Rear 3/8 in. x 26th.

" " " Front 5/16 in. x 26th. Supplied to the Trade carded, 3 sets per card (4 to set).

Price 5/6 card.

Price per pair, front or rear ... 10d.

**"ROSA" SUPER LIGHT ALUMINIUM LOCK NUT FOR HUB SPINDLES**

Ref. No. 61/B.

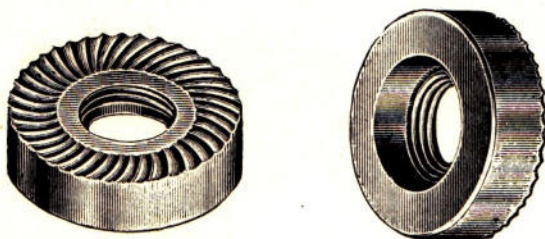


Polished all over, serrated hardened steel washer. Weight per pair 3/4 oz. A super job.

Price per pair, front or rear 1/3 pair. Supplied to the Trade carded, 3 sets per card (4 to set).

Price 7/3 per card.

**"OPPY" SERRATED WASHERS**  
Ref. No. 62.



For use on drop out fork ends with adjusters. Specially recommended for racing men. Will stop wheel pulling over.

Specify "Oppy" Washer on your machine.

Made to fit 3/8 in. x 26th standard size rear spindle ; 7/32 in. diameter, 7/32 in. thick.

Gun Black Finish.

Price per pair 6d.



**CRANK  
COTTER**

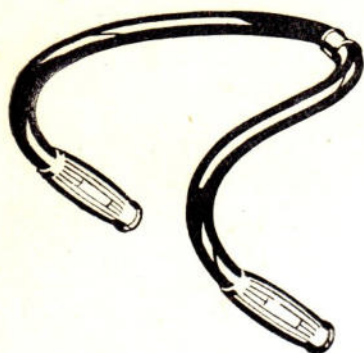
Ref. No. 65.

Nickel steel. Standard size 3/8 in. Countersunk and drilled for lightness.

Chrome Finish.

6d. each.

## HANDLEBAR BENDS



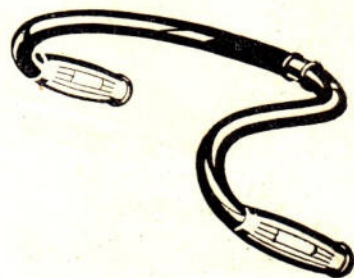
### "KRAMER"

Original bend adopted by all the Stars of the Sprint. Width 16in. Drop 9in.



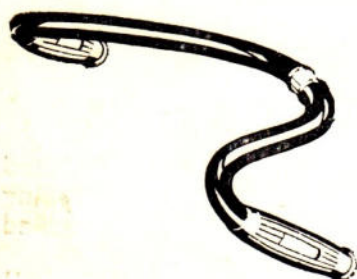
### "TOUR DE FRANCE"

The world's best appreciated bend amongst professional riders. Width 16in. Drop 6in.



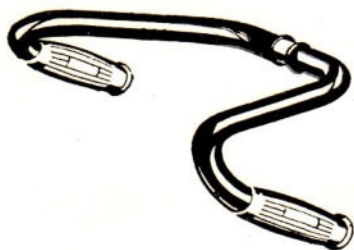
### "AUDAX SPORT."

Very popular on all club type cycles. Width 16in. Drop 5in.



### AUDAX SEMI-SPORT"

A smart bend for Winter riding. Semi-drop. Width 16in. Drop 3in.



### MIDDLETON "SPECIAL" 1936 MODEL

Width 17in. Reach 5½in. Drop 3in.



### "ALL-ROUNDER"

The season's biggest seller. Giving a comfortable riding position for all-round riding purposes. Specially recommended for rear tandem rider. Width 21in. can be reduced to suit requirements by shortening the handlebar length.

All Bends illustrated above will not be supplied in any other size than those listed, as any other measurements cannot obviously give the original advantage and shape as shown.

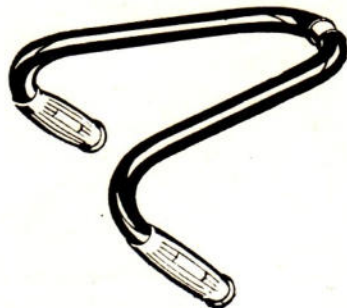
### STANDARD FINISHES AND PRICES

"All-Rounder"—Bright 2/- Chrome or Celluloid-covered, Black or Ivory White ... 3/9  
Other patterns as illustrated: Bright 2/6, Chrome or Celluloid-covered ... 4/6  
If supplied with "Rosa" foam 5in. grips as illustrated 2/- per pair extra.

Our prices are understood for high-class Chrome or Celluloid Covering, both processes done in our own works. All our Bends are made in ½in. x 18G bright drawn weldless steel tubing with ⅜in. braze on ferrule. **N.B.**—When ordering please state finish required.

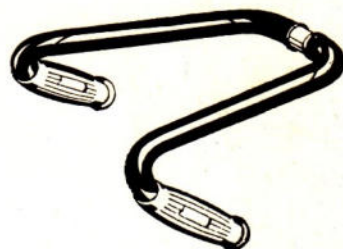
## HANDLEBARS - Long Reach Bends.

Will solve your riding problem made complex since the introduction of small frames. These Handlebars must be seen fitted to fully appreciate the craft of tube manipulation, and suitability of design and comfort.



### "SERES"

Width 15in.  
Drop 4in.  
Reach 10in.

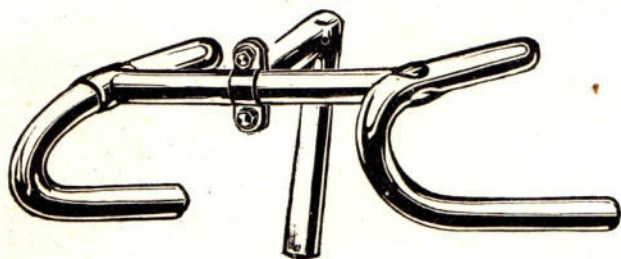


### "C.T.C."

Width 17in.  
Drop 4in.  
Reach 8in.

Specially designed for Short Extension Stems.

## "ROSA" DUPLEX HANDLEBAR BEND



Patent Applied for.

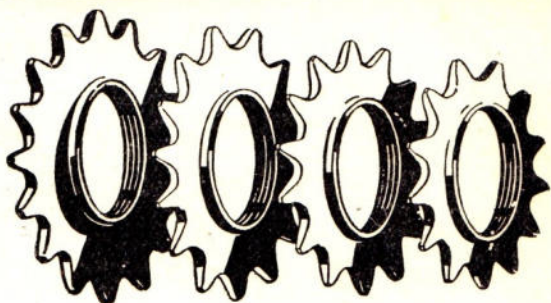
Neat, clean and light. An entirely new designed dual purpose handlebar bend. Weighs no more than a standard type.

Weight of Bend only 25ozs. Top position width between handles, 14in. Bottom: 20in. Drop: 5½in.

Price—Bend only Chrome Plated—5/6

If supplied with Chrome Plated 2in. Stem as illustrated. 4/- Extra.

With Expander 8d. extra.



## "ROSA" RACING SPROCKETS for those in the know.

Standard Renold form tooth. ½in. x ⅛in. Bore standard: 1⅜in. x 24th. Made of genuine phosphor bronze material to wear equal to steel. Gives a silent silky drive, specially recommended for track work. Worthy of the best machine.

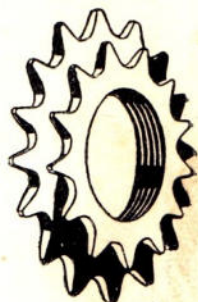
Stock sizes: 13, 14, 15 and 16th. 4/6 each.

## "CYCLO" DOUBLE FIXED SPROCKETS

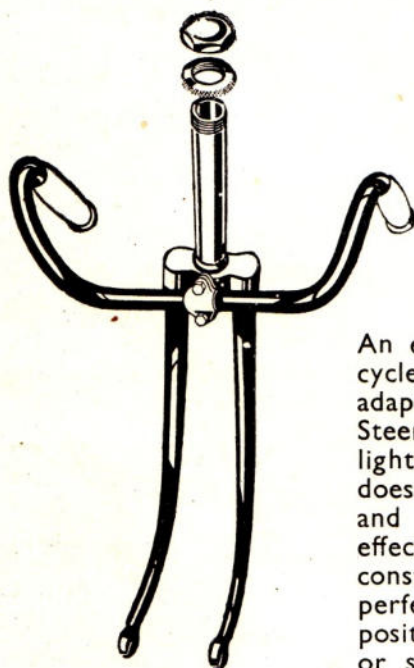
Correct "Cyclo" form tooth carefully machined and true to size. Bore standard: 1⅜in. x 24th. A first-class job.

Standard Stock Sizes: Top 13, 14, 15 and 16th, 1/9 each.

Low: 17, 18, 19, and 20th, ½in. x ⅛in. ... 2/3 each.



## A REVOLUTIONARY STEP IN CYCLE DESIGN



Showing complete  
"ROSA" Stemless  
Steering Fork.

Patent Applied For.

An entirely new departure in cycle steering device. The adaptation of the "Rosa" Steering Fork on any standard lightweight or racing machine does away with the head clip and stem of handlebar bend, effecting a saving of weight constant with safety. Gives a perfectly normal steering position dependent on the type or shape of the bend fitted.

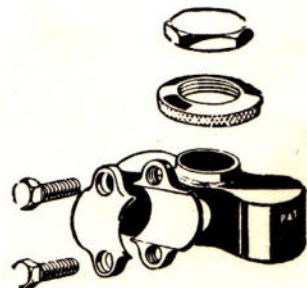
The fork is built up to take 26in. or 27in. wheel, by highly skilled labour, butted column, "Reynolds" standard fork blades D to Round. Standard finish all-black, 3 coats best quality enamel.

All parts illustrated: Head Lock Nut Cap, Screwed Ball Race, Steering Clip and Bolts.

Standard Finish—Chrome.

Complete outfit as illustrated, but less handlebar bends ... .. 12/6

N.B.—When ordering give height of frame head over top and bottom lug.



## "ROSA" STEMLESS STEERING FORK CROWN UNIT

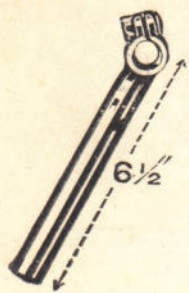
Patent Applied For.

Comprising flat patent steering "Rosa" Crown D section, profiled and accurately machined, ready for building. Complete with the following chrome plated parts as illustrated: Head Lock Nut Cap, Screwed Ball Race, Steering Clip and Bolts. Complete unit as detailed above:—

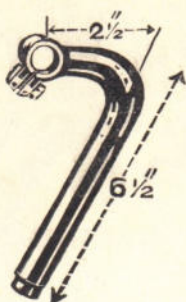
Price per Set 5/9

# "ROSA" HANDLEBAR STEMS

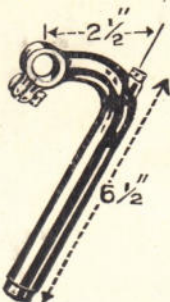
Ref. No. 51.



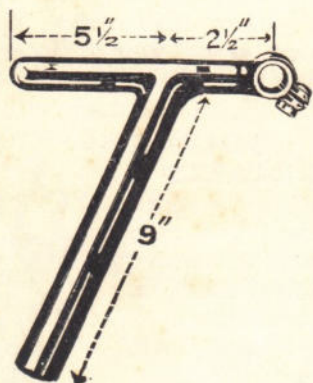
Ref. No. 57.



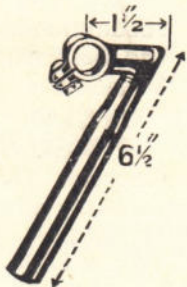
Ref. No. 57/E.



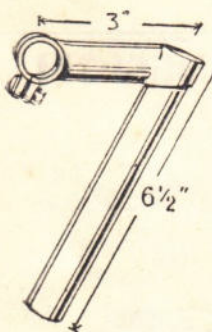
Ref. No. 56.



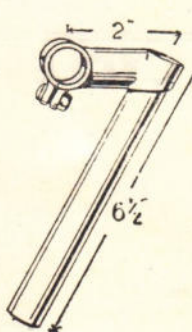
No. Ref. 58.



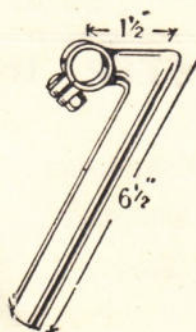
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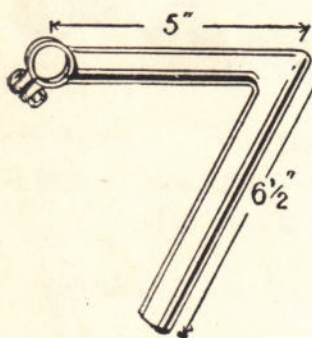
Ref. No. 52.



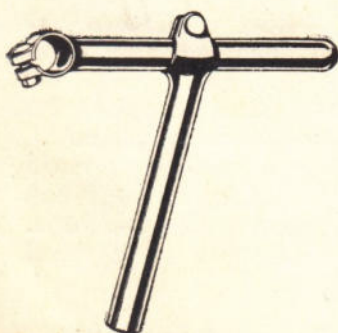
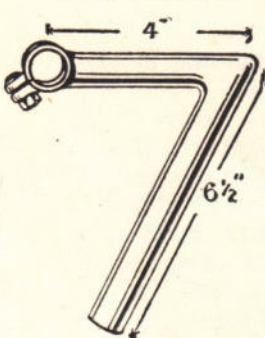
Ref. No. 50.



Ref. No. 55.

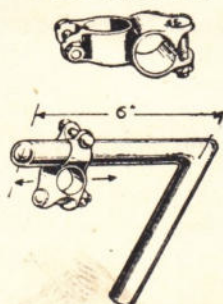


Ref. No. 54.



Ref. No. 59.

Ref. No. 28.



Ref. No. 27.

"Rosa" Stems are the strongest made at the weights. Their design and appearance is in keeping with present lightweight cycle requirements.

They are heavily plated or chromed with our own up-to-date Plant, so as to ensure satisfaction.

SPECIFY "ROSA" STEMS—THEY ARE BETTER MADE AND COST NO MORE.

## Ref. Nos. and Standard Prices.

No.	Ref. Nos. and Standard Prices.	Weight ozs. Chrome
51	Straight Pattern ...	6 1/2 2/6
51A	" " 10 1/2" long	9 2/9
57	Curved. Not Expander	8 3/-
57E	" Expander Type	10 1/2 3/9
56	TANDEM Rear Stem. Sizes : 15/16in.x1in., 15/16in. x 1 1/16in., 15/16in. x 1 3/64in. ...	11 4/3
58	TANDEM Front Stem, 1 1/2in., 2in. and 3in. Extension, 15/16in.x1in. —	3/9
	Ditto, Expander type ...	4/5
59	Adjustable to 5in. extension	5/3

Any Stems listed can be supplied with 1in. Stem for Tandem at an extra cost of 6d. each.

## FORWARD EXTENSION ADJUSTABLE STEMS.

### Ref. Nos. and Standard Prices.

No.	Ref. Nos. and Standard Prices.	Weight ozs. Chrome
50	1 1/2in. Extension ...	6 1/2
52	2in. " ...	8
53	3in. " ...	9
		3/6

N.B.—Ref. Nos. 52 and 53 are oval shape extensions.

54	4in. Extension ...	9 1/2
55	5in. " ...	10
	If fitted with Expander ...	8d. extra.

N.B.—Any type or length extension stems can be made to order.

All our stems are to fit 15/16in. Ferrules.

## "CAM" DOUBLE CLIP Ref. No. 28.

Our own design. Profiled all over. Weight 5 ozs. Stocks Sizes : 1 x 7/8in. and 1 1/16 x 15/16in.

Price : Chrome ... 2/6

As Neat as it Looks.

## "CAM" HANDLEBAR STEM Ref. No. 27.

5in. Extension. 7/8in. x 7/8in. Weight complete, 12 oz.

Price : Chrome ... 4/3 each.

Expander Type ... 4/11

# "ROSA" HANDLEBAR STEMS

Detachable Clip type. Specially recommended for Celluloid Covered Bends.

STANDARD FINISH — CHROME.

Ref. No. 500.



Ref. No. 501.



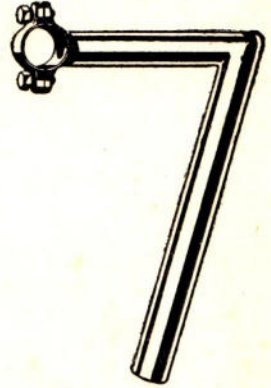
Ref. No. 502.



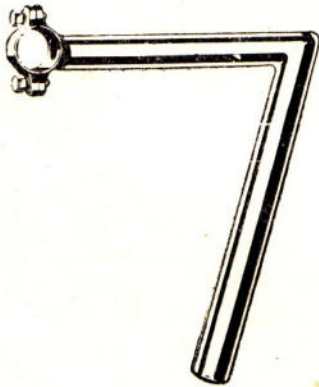
Ref. No. 503.



Ref. No. 504.



Ref. No. 505.



Ref. No. 506.



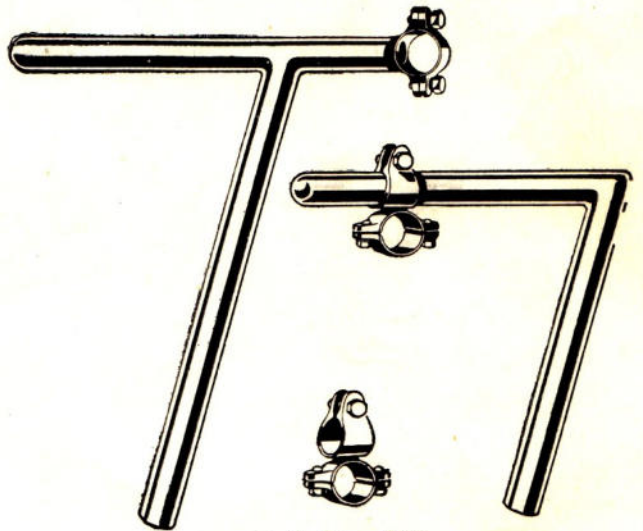
Ref. No. 507.



Ref. No. 508.



Ref. No. 509.



Ref. No. 510.

Ref. No. 511.

**N.B.**—All our stems are to fit 15/16in. Ferrules.

Average Ref. Weight No.

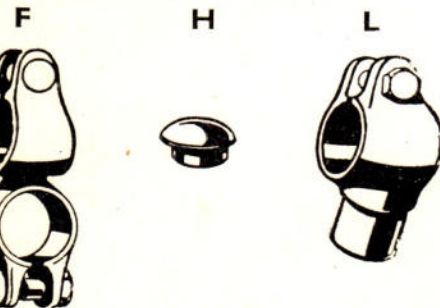
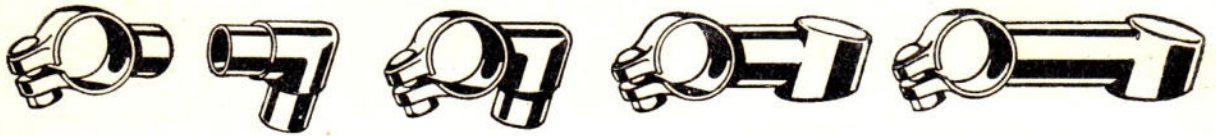
7½ ozs.	<b>500</b>	No extension—straight pattern	... ..	3/-
7½ "	<b>501</b>	Extension 1½ in. long	} 4/-	
9 "	<b>502</b>	" 2in. "		
10 "	<b>503</b>	" 3in. "		
10½ "	<b>504</b>	" 4in. "	} 4/6	
11 "	<b>505</b>	" 5in. "		

Expander Type ... 8d. extra.

11½ "	<b>506</b>	Curved Expander type	... ..	4/3
9 "	<b>507</b>	" Plain "	... ..	3/6
8½ "	<b>508</b>	Extension 1½ in. long x 1in. Stem Tandem type	... ..	} 4/3
9½ "	<b>508/2</b>	" 2in. " " " " "	... ..	
10½ "	<b>508/3</b>	" 3in. " " " " "	... ..	
12 "	<b>509</b>	Tandem Rear Stem. Sizes : 15/16 in. x 1in. ; 15/16 in. x 1 1/16 in. ; 15/16 in. x 1 3/64 in.	... ..	4/9
13 "	<b>510</b>	"CAM" Special Stem	... ..	4/9
	<b>510/E</b>	" " Expander type	... ..	5/5
6 "	<b>511</b>	" " Clip	... ..	3/-

# "ROSA" HANDLEBAR LUGS

A B C D E

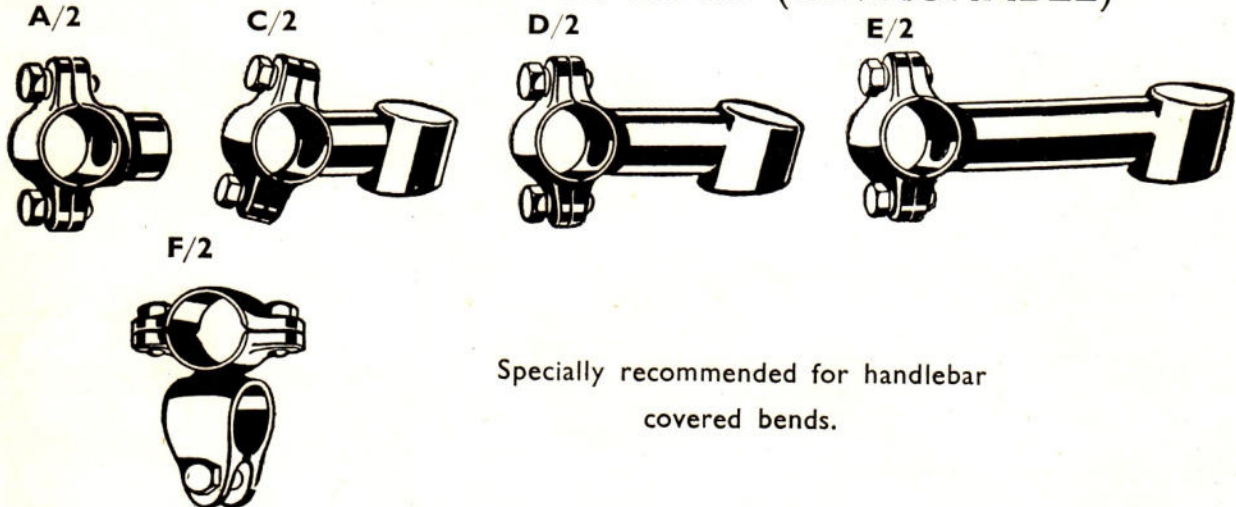


These lugs are our own design, carefully machined on jigs, profiled, and true to size, so as to make clean and easy building up. Polished all over.

The lightest cast stem Lugs made, and pleasing in appearance.

Ref. A.	Extension Lug for straight stem or any length—type 15/16in. to telescope 16 or 17G. x 7/8in.	...	...	...	...	...	...	...	1/2 each.
" B.	Elbow extension for above, ditto	...	...	...	...	...	...	...	1/- "
" C.	1 1/2 in. Extension, ditto	...	...	...	...	...	...	...	1/4 "
" D.	2in. Oval shape Extension, 15/16in. to telescope 7/8in.	...	...	...	...	...	...	...	1/6 "
" E.	3in. ditto	...	...	...	...	...	...	...	1/6 "
" H.	Push-on End Cap	...	...	...	...	...	...	...	2/3 doz.
" F.	"Rosa" Double Lug, 15/16in. x 7/8in. and 1in. x 7/8in.	...	...	...	...	...	...	...	1/9 each.
" L.	Ditto, TANDEM 1 1/8 in. x 7/8in.	...	...	...	...	...	...	...	1/- "
	Upright Stem Top Lug, 15/16in. to telescope 16 or 17G. x 7/8in.	...	...	...	...	...	...	...	1/- "

## "ROSA" HANDLEBAR LUGS (DETACHABLE)

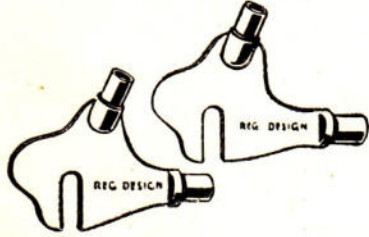


Specially recommended for handlebar covered bends.

Ref. A/2.	Extension Lug for straight or any length stems, bored 15/16in. to telescope 16 or 17G x 7/8in. tubing	...	...	...	...	...	...	...	15/- doz.
" C/2.	Extension Lug 1 1/2 in. bored 15/16in. to telescope 16 or 17G x 7/8in. tubing	...	...	...	...	...	...	...	} 19/- "
" D/2.	" " 2in. " " " " " " " " " "	...	...	...	...	...	...	...	
" E/2.	" " 3in. " " " " " " " " " "	...	...	...	...	...	...	...	
" F/2.	Double "Rosa" Lug 15/16in. x 7/8in. standard, also supplied 1in. x 7/8in.	...	...	...	...	...	...	...	1/6 each.

## "ROSA" FORK ENDS

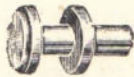
For Cyclo-Derailleurs.



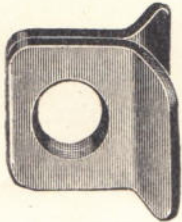
Special Off-set Types—doing away with unnecessary packing.  
 Ref. G. Solo type, complete as illustrated } 2/- per pair.  
 " I. Tandem " " " " }  
 If supplied without Top Eye ... .. 1/6 "



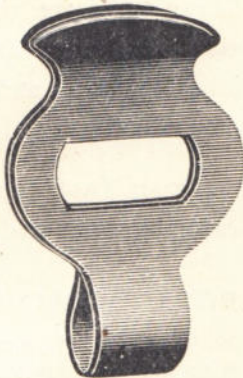
No. 23.



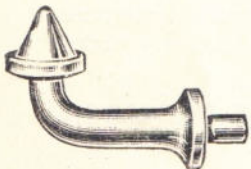
No. 26



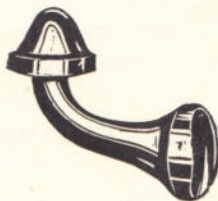
No. 24A



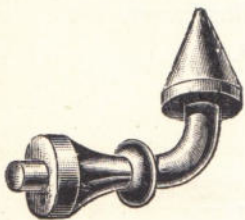
No. 31



No. 25



No. 25C



No. 25/D



No. 30.

## BUILDERS' SECTION

N.B.—All these illustrations are full size.

No. 23 **MUDGUARD EYES**, braze-on type, pressed steel, standard type.

No. 24A **REFLECTOR EYES**, with 5/16in. round hole.

No. 25 **SOLID STEEL BRAZE-ON TYPE PUMP PEGS**.

Price per gross or per 1,000 lot.

No. 25C Ditto, concaved type.

No. 25/D Ditto, Continental pattern.

No. 26 **CHAIN HOOK**. Neat and Light. Per Gross.

No. 30 **OPEN CABLE EYELET** for brazing on. Adjustable to requirement.

No. 31 **BRAKE EYE**. Brazed-on Type. Per Dozen.

Per Gross.

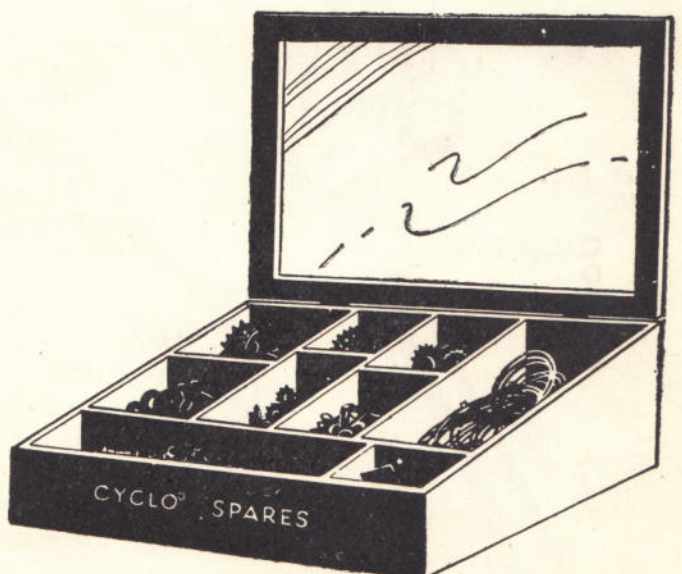
*All Prices on Application.*

## AGENT CABINET SPARES OUTFIT

Ref. No. 142.

Specially recommended for Official "Cyclo" Agents. Contains all that is required to insure Service to "Cyclo" users.

Price £6 . 17 . 6





## " ROSA " WORKSHOP TOOLS

These tools are the outcome of practical experience and necessity for any all equipped and qualified cycle mechanics.

All our Tools are fully guaranteed, carefully machined and true to size.

**FORK COLUMN DIE. No. 116.**  
Standard B.S.A. size :  $\frac{31}{32}$ in.x30TH.  
Also made in 1in.x24TH and 1in.x26TH.  
Complete as illustrated 16/- each.  
Spare Die ... 6/9 each.

**No. 109. Tandem, Standard Brampton**  
Size :  $1\frac{1}{8}$ in. x 26TH ... 5/- extra.

**FORK COLUMN DIE REDUCER. No. 127.**

Will reduce butted part of Column to Standard Cutting size, viz. :  $\frac{31}{32}$ in. with ease. Made to suit our own Fork Column Die as illustrated.

Price 6/9.

No. 117.

**HUB DIE AND HOLDER COMPLETE ... 15/-**

**Ref. No. 140 ADJUSTABLE HOLDER.**

An efficient and well-made Tool. Overall length :  $8\frac{1}{2}$ in. Hardened jaws.

Price 6/6 each.

**HEXAGON DIE NUTS. No. 128.**

Stock Sizes :

$\frac{3}{16}$ x 26TH	} ... 3/- each
$\frac{1}{4}$ x 26TH	
$\frac{5}{16}$ x 26TH	
$\frac{3}{8}$ x 26TH	

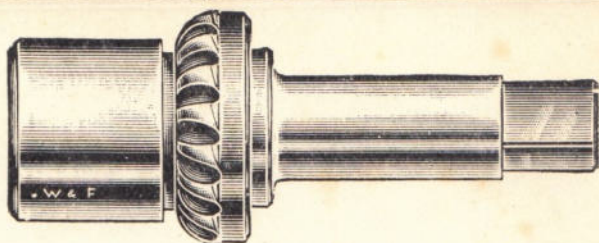
Ref. No. 116.

Ref.No. 117.

Ref. No. 140.



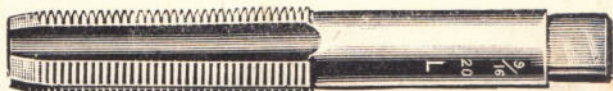
# " ROSA " WORKSHOP TOOLS



No 119

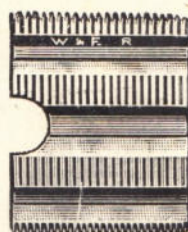
**No. 119 HEAD LUG REAMER.** Standard type, complete with Holder and Revolving Guide ... .. 15/-

**No. 120—NEW STANDARD PEDAL TAP.** Right or Left. Single end ... .. 2/9



120

**No. 120/2—DOUBLE-ENDED. Right and Left. NEW STANDARD PEDAL TAP** ... .. 4/6

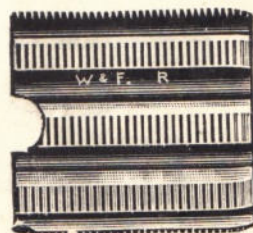


**No. 121—BOTTOM BRACKET MACHINE TAP.** 1 3/8 in. x 24TH 10/6

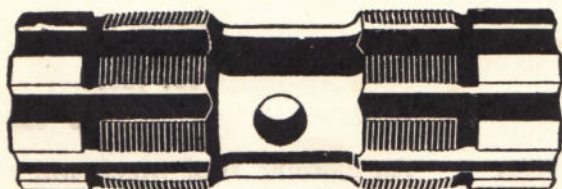
**No. 122—BOTTOM BRACKET MACHINE TAP.** Any size to order ... .. 12/6

No 121

**No. 123—BRACKET TAP.** Right or Left Hand Thread, 1 3/8 in. x 24TH ... 5/9



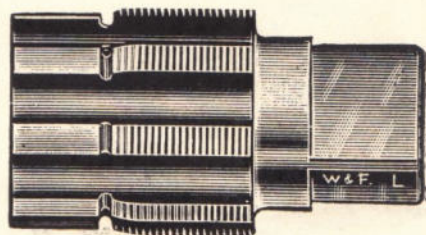
123



No. 124

**No. 124—BRACKET TAP,** Right and Left combined, 1 3/8 in. x 24TH ... .. 8/-

**No. 118—TANDEM BRACKET TAP.** Standard Brampton. Size : 1.45 x 26TH ... .. 12/6



No. 123

**No. 125—CRANK TAP AND REAMER** for Rebushing Cranks, Right, or Left ... .. 4/6

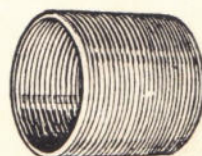


No. 125

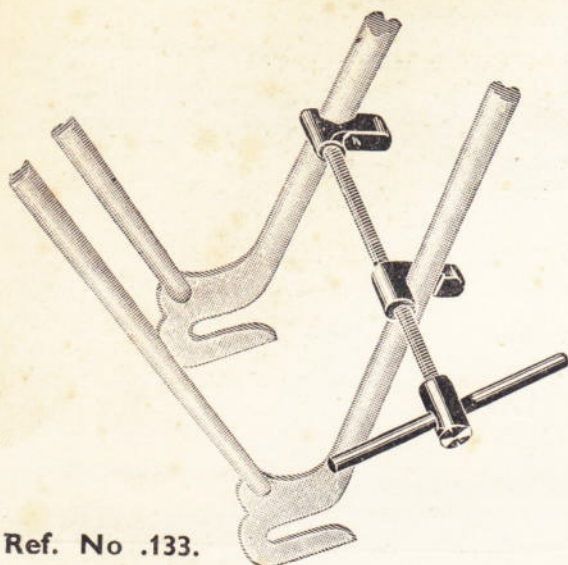
**CRANK BUSHES.—No. 141.**

To suit Tap No. 125.

Right or Left ... 2/8 dozen.



No. 141



Ref. No .133.

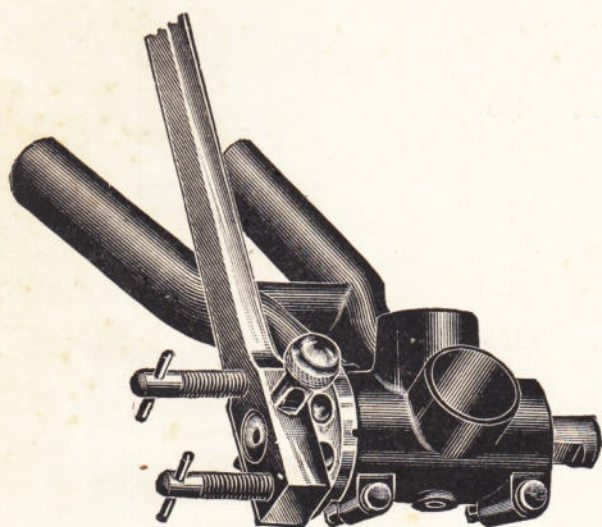
## " ROSA " WORKSHOP TOOLS

No. 133.

### " ROSA " IMPROVED FORK EXPANDER.

SIMPLE AND EFFECTIVE.

Price 4/6



Ref. No. 131.

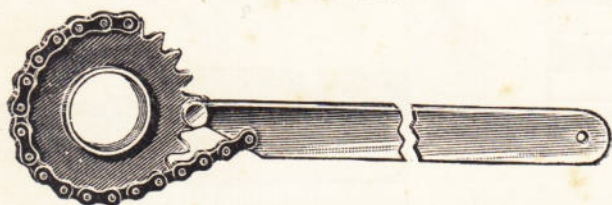
No. 131.

### MUNRO'S PATENT BOTTOM BRACKET CUP REMOVER.

Will remove any type of cups, milled or peg-hole type, with the utmost ease ; the tighter the cup is the more amazing the performance will be.

Described by "The Cycle Trader" as an item of equipment which has long been needed.

Price 10/-



Ref. No. 130.

No. 130.

### " ROSA " SPROCKET REMOVER.

An efficient Tool which will remove the most obstinate sprocket without damage. Perfect fit on "Cyclo" Sprockets.

Price 1/6



Ref. No. 132

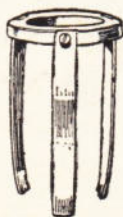
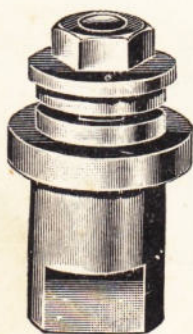
No. 132.

### " ROSA " RIM TRUER.

Efficient and simple in operation.

Per Pair 3/6

Ref. No. 129.



Ref. No. 126.

No. 129.

### " CAM " FREEWHEEL HOLDERS.

Indispensable for repairs, dismantling, assembling any type of freewheels. A first-class Tool.

Price 5/6

No. 126.

### FREEWHEEL PAWL RETAINER.

A useful Tool for freewheel assembling.

Price 2/3

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## Guarantee

We guarantee all our products as regards material and workmanship, and any parts which in our judgment, show defects in these particulars, will be replaced provided they are returned to us for inspection, carriage paid within a reasonable time. Parts replaced shall not form the subject of a claim for labour or any other expenditure, nor shall we be liable for any direct or consequential damage arising from any defect.

## Conditions of Sale

**HOME.**—Retail clients are advised, in the first place, to approach their local Cycle Agents for any of our lines listed in this booklet, but if supplies cannot be obtained for any particular reason, please write to us.

**EXPORT.**—In view of our existing arrangements abroad, Merchants are kindly requested to state the name of the market for which our goods are required.

All orders to be confined through recognised Merchants or Shipping Houses. Packing Free and Carriage Paid to English Port for orders over £15. Otherwise, prices to be understood Works, Birmingham.

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## OUR MOTTO

**GIVE** all you can for what you get  
and not

**GET** all you can for what you give.

---

---

## CYCLO GEAR CO., LTD.

"CYCLO" WORKS,  
POTTERS HILL, ASTON  
BIRMINGHAM

'Phone :  
NORthern 0159

Telegrams :  
"Cyclogears, Birmingham"  
"Camillis, Birmingham"

SAXTON LTD,  
ERDINGTON,  
BIRMINGHAM,