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**National Cycle Archive**



# KIRK & MERIFIELD

KIRMER WORKS,  
BIRMINGHAM.

Partners—  
J. HOWARD KIRK.  
WM. HY. MERIFIELD.  
GEO. E. LEWIS.

Telephone—  
MIDLAND 2271 & 2272.

ESTABLISHED 39 YEARS.

THE HOUSE FOR VALUE AND QUALITY.

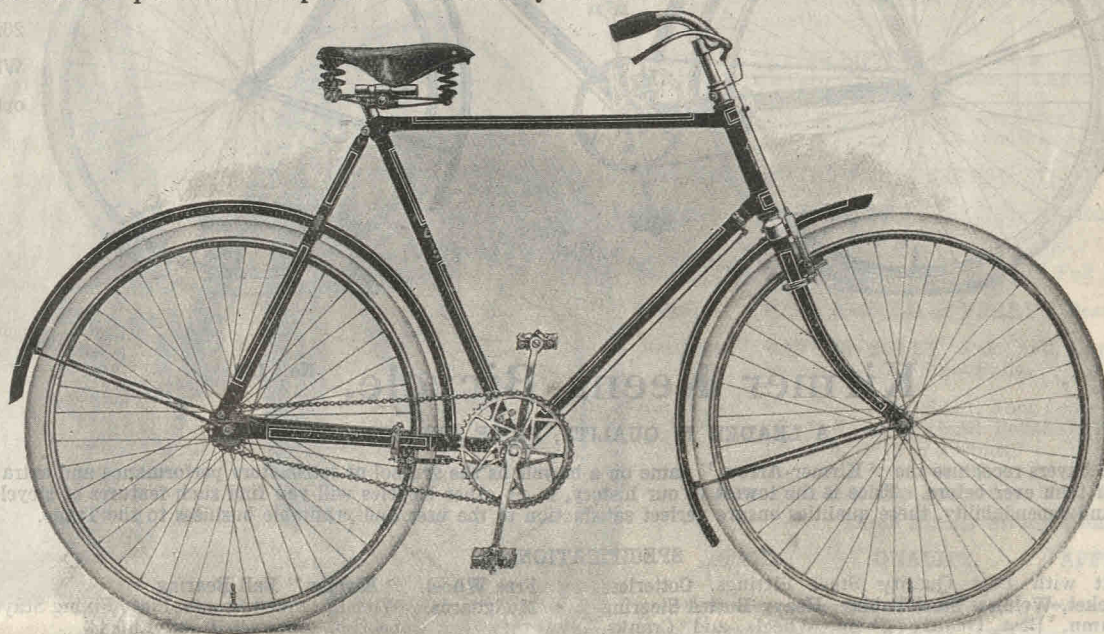
## 1932 PRICE LEADERS.

PLEASE KEEP THIS CATALOGUE.

Every article offered in this catalogue is a Price Leader which defies all competition, complete satisfaction in every respect on every transaction is assuredly guaranteed, or your money returned. By comparison, you will readily satisfy yourself of the many advantages in value, superior quality, and lower prices which we offer to you.

No effort on our part will be spared to maintain your confidence and increasing support during 1932.

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**"KIRMER POPULAR." ALL BRITISH ROADSTER CYCLE. No. 11.**  
A SUPERIOR ALL BRITISH BICYCLE WITH A FIRST-CLASS SPECIFICATION AT AN EXTREMELY LOW PRICE.

**Frame.** Built with Best Quality Steel Fittings, Cotterless Bracket, Weldless Steel Tubing, Heavy Butted Steering Column, Flanged **CHAIN WHEEL** and **CRANKS** made by **WILLIAMS**, Expander Ball Head.  
**Wheels.** Superbly Plated **BRITISH** Rims, Black Centred and Lined, **BEST BRITISH** Steel Hubs, Rustless Spokes.  
**Brakes.** Best Quality **PHILLIPS'** Handlebar and Brakes, Roller Levers. Latest Pattern.  
**Mudguards.** Best Quality, Latest Domed Full Section Blades, Superbly Enamelled and Lined.

**Free Wheel.** **KIRMER** Best British. Two full rows Steel Balls  
**Pedals.** Solid Steel, Rat Trap or Rubber. Best Quality **PHILLIPS'**.  
**Saddle.** **JOHN CLAY'S** Best Selected Full Roadster.  
**Chain.** **HANS RENOLD** or **PERRY'S**.  
**Finish.** Excellent throughout, Four Coats Best Para Carbon Black Enamel, Hand Polished, Handsomely Panel Lined, in Gold or Colours.

**LADY'S MODEL.**

With Chain Cover and Dressguards.

4/9 each extra.

**NICKEL** Plated or All **BLACK** Finish **OPTIONAL**.

**EXTRAS:**  
"Sturmev-Archer" 3-speed Hub... 15/-  
"Eadie" Coaster Hub 6/6  
Oil Bath Gear Case... 7/3

**CASH PRICE:**  
Complete with "KIRMER" Super Cord, Tyres

**42/-**

or  
"KIRMER" Heavy Roadster British Made Tyres.

**48/-**

"DUNLOP" Roadster Tyres

STOCK SIZES—GENT'S. 22 and 24 inch Frames, 28 inch Wheels.

LADY'S, 22, 23 and 24 inch Frames, 28 inch Wheels.

# KIRMER-ARROW BICYCLES.

FINEST VALUE EVER OFFERED TO THE TRADE.

BUY AND SAVE MONEY.

Gent's. No. 123.

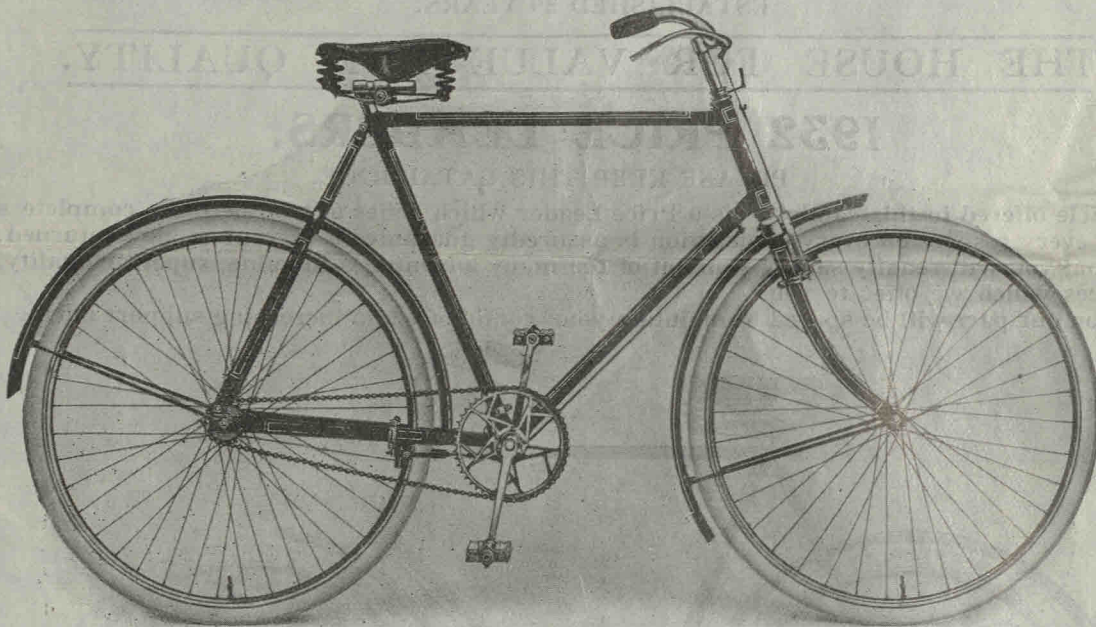
**38/6**

Never in our history has the "KEENA" Bicycle been offered at such a low price. To produce a Bicycle at this figure, and at the same time maintain its high standard of quality, is an achievement which is unrivalled in the Trade.

Lady's. No. 125.

**43/3**

CHROMIUM  
PLATED  
FINISH,  
4/6  
each extra.



Sloping or  
Parallel  
Frames for  
26in. or 28in.  
Wheels  
optional.

## Kirmer Keena Bicycle. No. 123.

A LEADER IN QUALITY, PRICE AND SERVICE.

Careful buyers recognise the "Kirmer-Arrow" name on a bicycle as the symbol of satisfactory performance and extra value. Quality is higher than ever before. Price is the lowest in our history, in no other bicycles will you find such features of bicycle efficiency and dependability, these qualities ensure perfect satisfaction to the user and profitable business to the Trade.

### SPECIFICATION.

<p><b>Frame</b> Built with Best Quality Steel Fittings, Cotterless Bracket, Weldless Steel Tubing, Heavy Butted Steering Column, Best Quality Chain Wheels and Cranks, Expander or Clip Ball Head.</p> <p><b>Wheels.</b> Westwood Rims. Nickel-plated, Black Centred and Lined in Colours. Best Quality Steel Hubs, Machined from Solid Steel Stampings, Rustless or Plated Spokes and Nipples.</p> <p><b>Brakes.</b> "Phillips'" Handlebars with Roller Lever Brakes. Latest Pattern.</p>	<p><b>Free Wheel.</b> "Kirmer" Ball Bearing.</p> <p><b>Mudguards.</b> With Extended Fronts, Plate Fixing Stays, Latest Plain Section, Enamelled and Lined.</p> <p><b>Pedals.</b> Best Quality, Rat Trap or Rubber.</p> <p><b>Saddle.</b> 3-Coil Full Roadster, as illustrated.</p> <p><b>Chain.</b> Best Quality Recessed Rivets, Hardened Rollers.</p> <p><b>Bearings.</b> Best Quality. Best Axle and Deep Cotterless Cups. Best Quality Steel Balls.</p> <p><b>Finish.</b> Excellent throughout, Four Coats Best Para Carbon Black Enamel, One Coat Rust Preventative, Hand Polished, Handsomely Panel Lined in Gold or Colours.</p>
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Stock Sizes—Gent's, 22in., 24in., 26in. Frames, 28in. Wheels.      Lady's, 22in., 23in., 24in. Frames, 28in. Wheels.

1932 REDUCED PRICES.

### No. 123. Kirmer-Arrow Gent's Keena Bicycle.

Price complete with

(F.) "KIRMER" Cord Tyres, fully guaranteed	<b>£1/18/6</b>
"DUNLOP" Champion Tyres	<b>£2/-/-</b>
"DUNLOP" Roadster Tyres	<b>£2/5/3</b>

#### STURMEY-ARCHER

3-SPEED

HUB,

Complete with

T.T. Control,

15/- extra.

No. 125.

#### "KIRMER-ARROW" LADY'S "KEENA" BICYCLE.

Specification complete with Chain Cover and Dress Guards.

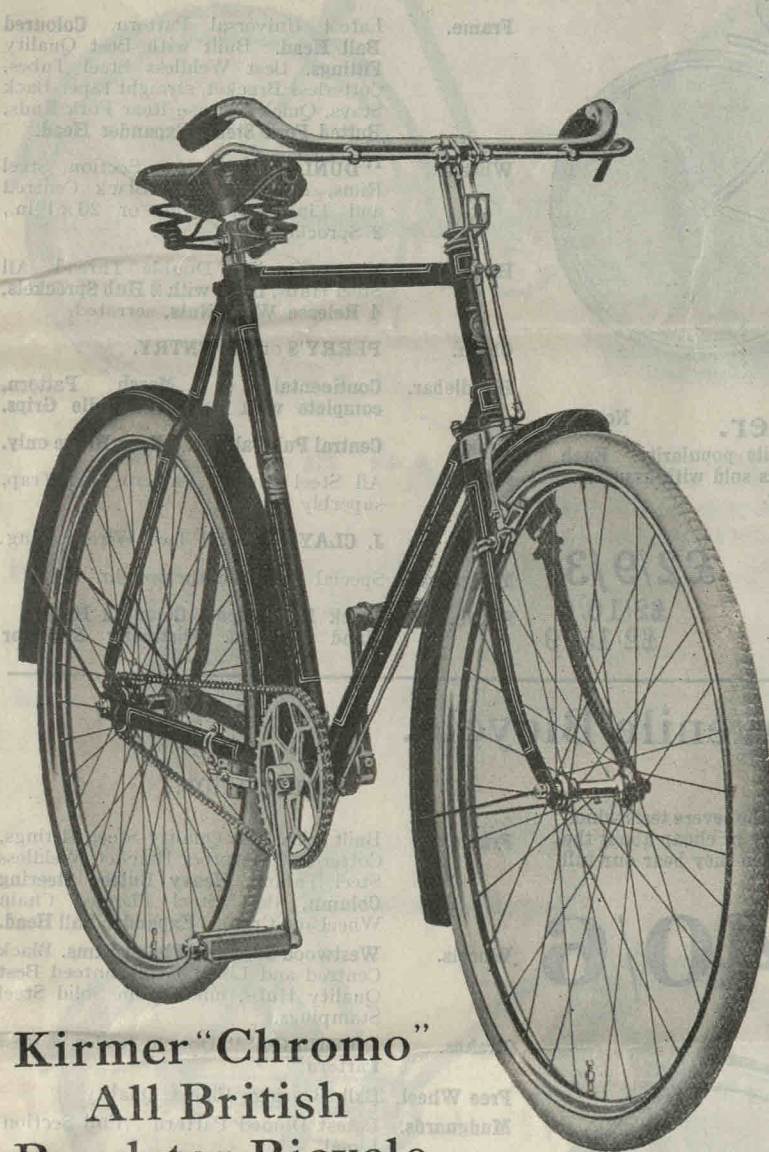
4/9 each extra.

# "KIRMER" BICYCLES.

GENT'S, No. 78.  
**47/3**

Our 1932 "CHROMO" ROADSTER BICYCLE is adaptable to all conditions. Its competitive price, combined with the fact that it will stand the most severe tests, makes the "KIRMER CHROMO" ROADSTER a Record Seller at Home and Abroad.  
ALL BRIGHT PARTS CHROMIUM PLATED.

LADY'S, No. 85.  
**52/-**



## Kirmer "Chromo" All British Roadster Bicycle

No. 78. CHROMIUM PLATED.

Stock Sizes—Gent's 22in., 24in., or 26in. Frames for 28in. Wheels.  
Lady's, 21in., 22in., or 23in. Frames for 28in. Wheels.

1932 CASH PRICES.

PRICE COMPLETE WITH

- "KIRMER" Super Cord or
- "KIRMER" Heavy Roadster Tyres
- "DUNLOP" Roadster Tyres

**£2/7/3**

**£2/12/9**

Our Signed Guarantee is attached to each "Kirmer-Arrow" Bicycle when despatched from our Works.

## Kirmer "Chromo" All British Roadster Bicycle. No. 78.

### SPECIFICATION.

- Frame.** Built with Best Quality Steel Fittings. Cotterless Bracket, Best Weldless Steel Tubing, Heavy Butted Steering Column, Flanged Chain Wheel and Cranks, made by "WILLIAMS." Expander Ball Head.
- Wheels.** "DUNLOP." Chromium Plated Rims, Black Centred and Lined. All Steel Oil Retaining Hubs. Rustless Spokes.
- Brakes.** "PHILLIPS" Handlebar and Brakes, Roller Levers. Latest pattern. Chromium plated.
- Mudguards.** Best Quality, 24 Gauge, Latest Domed Full Section Blades, Superbly Enamelled and Lined.
- Free Wheel.** PERRY'S or VILLIERS'.
- Pedals.** "PHILLIPS," Rat Trap or Rubber. Chromium plated.
- Saddle.** JOHN CLAY'S Special 3-Coil Full Roadster.
- Chain.** HANS RENOLD or PERRY'S Best.
- Bearings.** BAYLISS-WILEY Axle and Cups. Best Quality Ball Races and Steel Balls.
- Finish.** Excellent throughout, Four Coats Best Para Carbon Black Enamel, Hand Polished, Handsomely Panel Lined in Gold or Colours.

Sloping Frame, or Low Bracket for 26in. Wheels optional.  
Three Kirmer Strong Points.

PRICE. QUALITY. APPEARANCE.

ALL BRIGHT PARTS CHROMIUM PLATED.

With the following extras it is possible to offer a Bicycle to meet every demand, and which will be saleable in the World's Markets.

### PRICE EXTRA WITH—

Eadie Coaster Hub	...	...	...	...	6/6
Sturmey-Archer Coaster Hub	...	...	...	...	6/-
Sturmey-Archer 3-Speed Hub	...	...	...	...	15/-
Sturmey-Archer Tri-coaster Hub	...	...	...	...	20/6
Oil Bath Gear Case, Gent's, lined to suit	...	...	...	...	7/3
"R" Pattern Crown	...	...	...	...	1/-

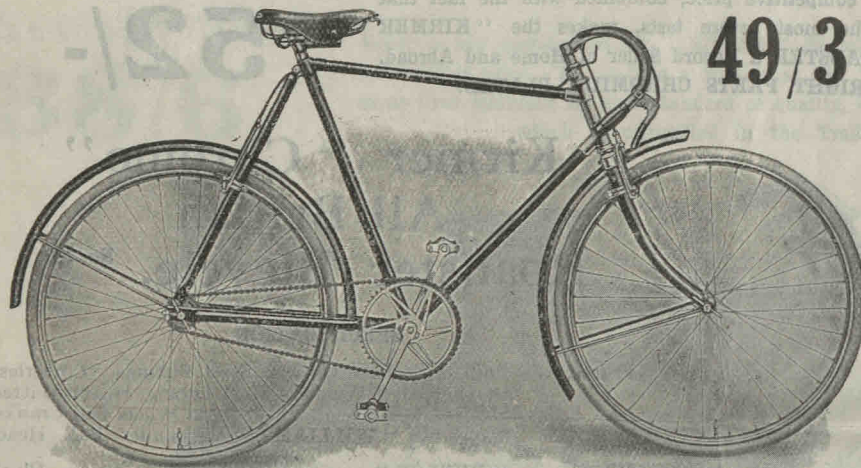
## Kirmer Lady's "Chromo" No. 85.

Specification above, complete with Chain Cover and Dressguards,  
4/9 extra.

# KIRMER BICYCLES.

## Kirmer "Club" Model Racer.

No. 76.



49/3

### SPECIFICATION.

- Frame.** Latest Universal Pattern. **Coloured Ball Head.** Built with Best Quality Fittings, Best Weldless Steel Tubes, Cotterless Bracket, straight taper Back Stays, Quick Release Rear Fork Ends, **Butted Fork Stem, Expander Head.**
- Wheels.** "DUNLOP" Narrow Section Steel Rims, Nickel plated, Black Centred and Lined, 26 x 1 1/4 in. or 26 x 1 3/8 in., 2 Sprockets.
- Hubs.** Finest Quality Double Thread All Steel Hubs, fitted with **2 Hub Sprockets, 4 Release Wing Nuts,** serrated.
- Chain.** **PERRY'S** or **COVENTRY.**
- Handlebar.** **Continental** or **Marsh Pattern,** complete with **Rubber Handle Grips.**
- Brake.** **Central Pull Calliper. Rear Brake only.**
- Pedals.** All Steel Racing Pattern Rat Trap, superbly plated.
- Saddle.** **J. CLAY'S** Special Two Wire Racing.
- Mudguards.** Special Steel Featherweight.
- Finish.** **Black Enamelled. Coloured Head. Hand Polished. Distinctly Superior**

## Kirmer "Club" Model Racer.

No. 76.

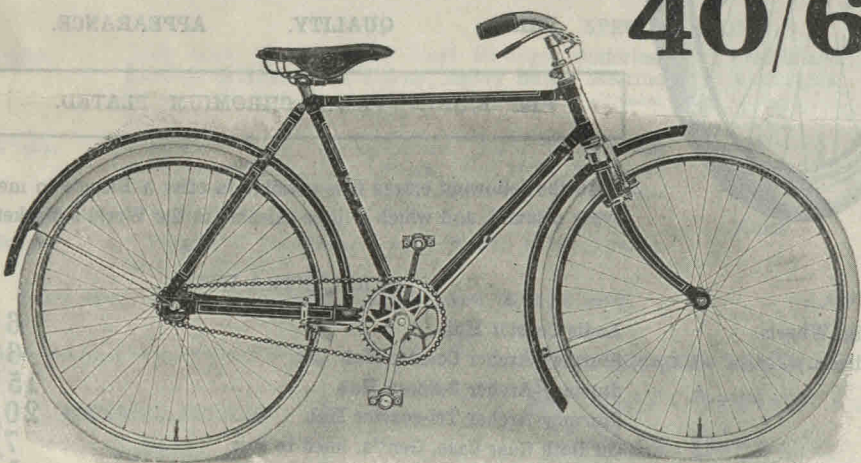
A Model which needs no introduction. Record Sales prove its popularity. Each year more No. 76 Cycles are sold. Every Club Model you sell is sold with assurance that you have made a satisfied Customer.  
**SPECIAL 1932 PRICES.**

- "KIRMER" GUARANTEED CORD RED OR GREY RACING TYRES ... **£2/9/3**
- "DUNLOP" CHAMPION TYRES, Red or Grey ... **£2/10/6**
- "DUNLOP" ROAD RACING or SPEED TYRES, Red or Grey ... **£2/15/9**

## Kirmer Juvenile Bicycle.

No. 27.

"KIRMER-ARROW" Juvenile Bicycles are built to stand up to the severe tests which their youthful riders impose upon them. There is nothing shoddy or cheap about the "KIRMER" Juvenile Cycles. They are built to a standard: also they bear our full guarantee.



40/6

### SPECIFICATION.

- Frame.** Built with Best Quality Steel Fittings, Cotterless Dustproof Bracket, Weldless Steel Tubing, **Heavy Butted Steering Column,** Best Steel Flanged Chain Wheel and Cranks, **Expander Ball Head.**
- Wheels.** **Westwood Superbly Plated Rims.** Black Centred and Lined. Guaranteed Best Quality Hubs, made from Solid Steel Stampings.
- Brakes.** "PHILLIPS'" Double Roller, Latest Pattern.
- Free Wheel.** Ball Bearing, Finest Quality.
- Mudguards.** Latest Domed Pattern. Full Section. Lined.
- Chain.** Best Quality Hardened Rollers, Recessed Rivets.
- Pedals.** Solid Steel Rat Trap or Rubber, Best Quality.
- Saddle.** **CLAY'S** Special Juvenile.
- Bearings.** Best British Axle and Cups.
- Finish.** Excellent throughout, Four Coats Best Para Carbon Black Enamel, One Coat Rust Preventative, Hand Polished, Handsomely Panel Lined in Gold or Colours.

Stock Sizes—16in., 18in., or 20in. Frames for 24in. or 26in. Wheels.

## Kirmer Girls' Juvenile Bicycle.

No. 29.

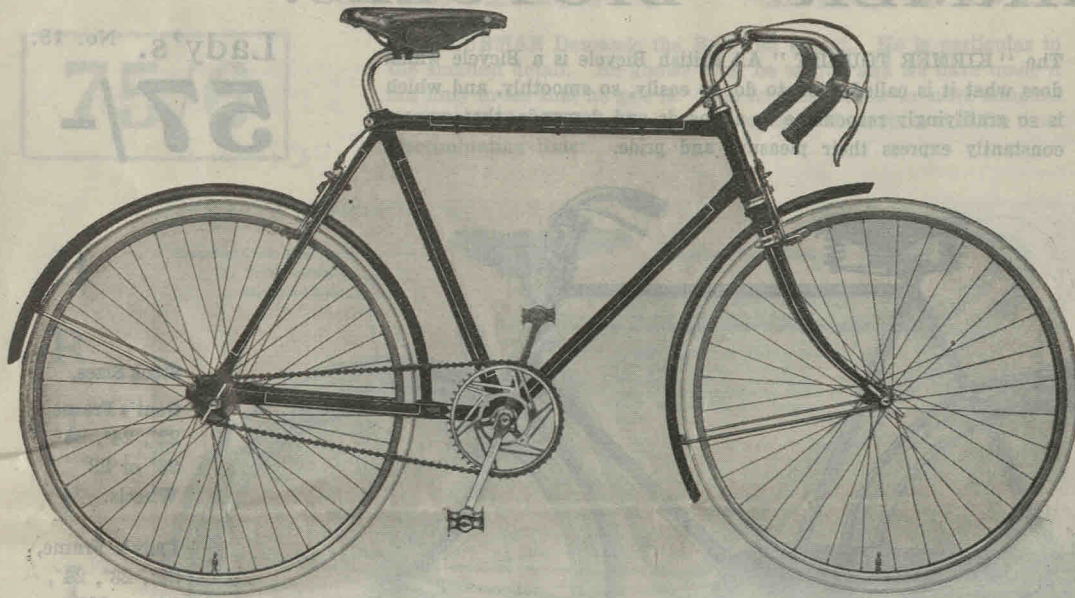
Specification as above.

COMPLETE with Best Quality Chain Cover, Dress Guards, etc., **4/9** extra.  
CHROMIUM PLATED FINISH, for 26in. Wheels only, **4/6** extra.

### PRICE COMPLETE WITH

- "KIRMER" Juvenile Cord Tyres fully guaranteed ... **£2/0/6**
- "DUNLOP" Champion Tyres ... **£2/1/6**
- "DUNLOP" Juvenile Cord Tyres ... **£2/4/6**

# KIRMER-ARROW BICYCLES.



## "Arrow Superb" Lightweight Cycle No. 177.

Stock Sizes—21in., 22in. or 23in.  
for 26in. Wheels.

1932 PRICES.

COMPLETE WITH  
"DUNLOP CHAMPION" Red  
or Grey Tyres.

**£2/16/6**

"DUNLOP" ROAD RACING  
or SPEED TYRES.

**£3/1/6**

LADY'S MODEL.

Sizes, 20in., 21in., 22in.  
2/9 each extra.

## No. 177 "Arrow Superb" Sports Cycle.

A MASTERPIECE IN QUALITY AND PRICE.

ALL BRITISH SPECIFICATION.

**Frame.** Sizes—20in., 21in. and 22in. Built with Best Quality Steel Fittings, Cutaway Lugs, Cotterless Bracket, Straight Taper Back Stays, Quick Release Fork Ends, Best British Weldless Steel Tubing, Butted Column. **WILLIAMS'** 3-Claw Chain Wheel and Cranks. **Low Bracket.**

**Wheels.** **ENDRICK** Rims, 26×1½in. or 26×1¼in., Nickel Plated, Black Centred. **BAYLISS-WILEY** Quick Release Hubs. 16T and 18T Fixed Sprockets, Serrated Swivel Wing Nuts.

**Gears.** 64½—74½.

**Handlebar.** **MARSH** Level Bend fitted to Swan Neck Adjustable Stem. Shockstop Rubber Handle Grips.

**Brake.** "PHILLIPS'" Apollo Rear Cable Brake.

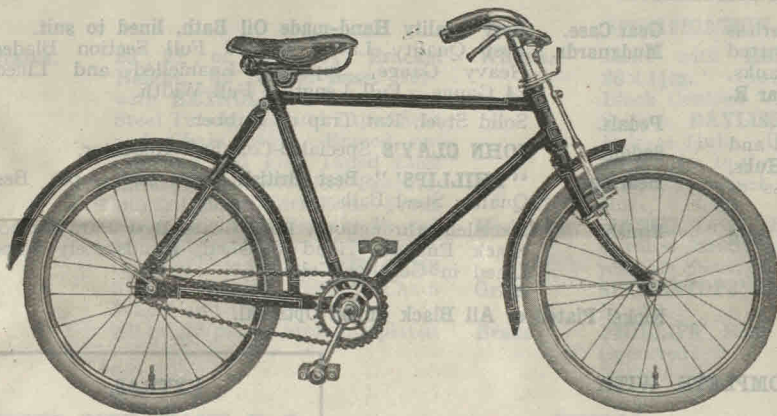
**Chain.** **HANS RENOLD** Best Lightweight.

**Pedals.** "PHILLIPS'" Rat Trap Nickel Plated.

**Saddle.** "JOHN CLAYS'" Special 3-Wire Racing.

**Mudguards.** Featherweight Steel.

**Finish.** Excellent throughout, Four Coats Best Para Carbon Black Enamel, with Bronze Head.



## No. 193. Kirmers Miniature Cycle

The "Kirmers-Arrow" Boys' and Girls' Bicycles are built in our own Factory—are in all respects similar to our Standard Bicycles. Some of the largest Buyers in the country have expressed their unreserved appreciation for these models, and have placed regular repeat orders. They are snappy, racy and smart, and as sturdy as the best bicycles ever built.

Stock Sizes, 14in., 16in. and 18in. Frames for 16in., 18in. and 20in. Wheels.

## Kirmers Miniature Cycle No. 193.

SPECIFICATION.

**Frame.** Built with Best Quality Malleable Fittings, Cotterless Dustproof Bracket. Best Weldless Steel Tubing, **Heavy Butted Steering Column**, Best Steel Flanged Chain Wheel and Cranks, **Expander Ball Head.**

**Wheels.** Westwood Superbly Plated Rims, Best Quality Hubs, made from Solid Steel Stampings.

**Brakes.** "PHILLIPS'" Roller Front Brake, Latest Pattern.

**Free Wheel.** Ball Bearing, Finest Quality.

**Mudguards.** Latest Domed Pattern, Full Section Lined.

**Pedals.** Solid Steel, Rat Trap or Rubber, Best Quality.

**Saddle.** **CLAYS'** Special Juvenile.

**Chain.** Best Quality Hardened Rollers. Recessed Rivets.

**Bearings.** Best British Axle, Cups and Steel Balls and Races.

**Finish.** Excellent throughout, Four Coats Best Para Carbon Black Enamel, One Coat Rust Preventative, Hand Polished Handsomely Panel Lined in Gold or Colours.

PRICE COMPLETE WITH

"KIRMER" GUARANTEED CORD TYRES. (F.) **£1/16/9** "DUNLOP" TYRES ... .. **£1/18/9**

# "KIRMER" BICYCLES.

Gent's. No. 14.

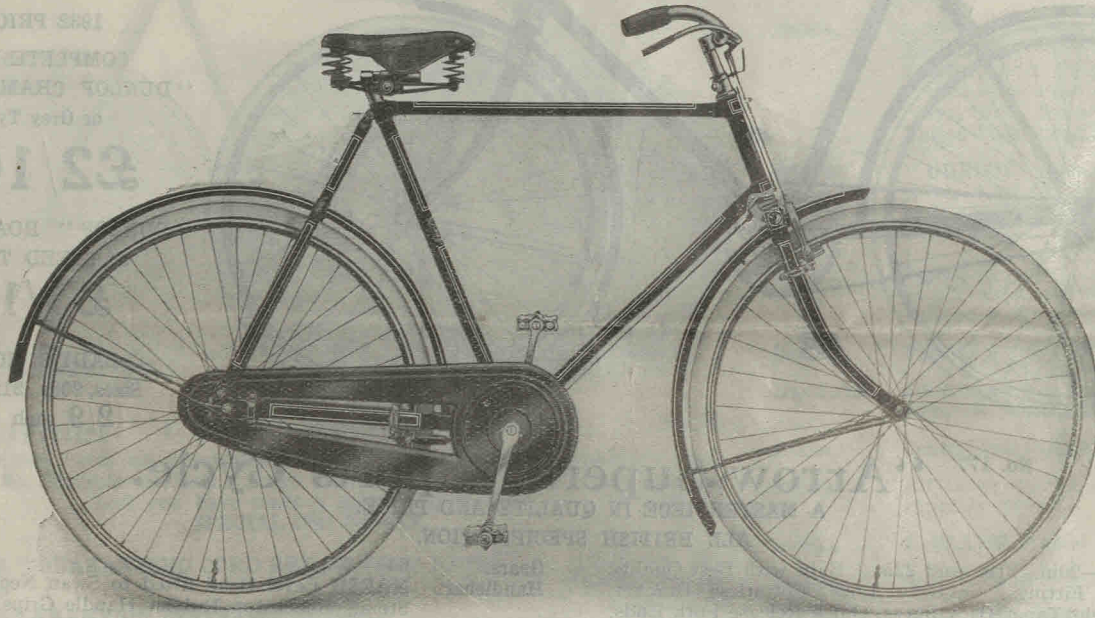
**54/-**

The "KIRMER TOURIST" All British Bicycle is a Bicycle which does what it is called upon to do, so easily, so smoothly, and which is so gratifyingly responsive to all needs and demands, that owners constantly express their pleasure and pride.

Lady's. No. 15.

**57/-**

Our Signed Guarantee is attached to every Bicycle before it is despatched from our Works.



Stock Sizes,  
Gent's Frame,  
22", 24", 26",  
26" or 28"  
Wheels.  
Lady's Frame,  
22", 23", 24",  
26" or 28"  
Wheels.

## Kirmer ALL BRITISH Tourist Bicycle. No. 14.

An all-round excellent Bicycle, carefully built and handsomely finished. An ideal Roadster Bicycle. Every part of the very best.

### SPECIFICATION.

<p><b>Frame.</b> Built with Best Quality Steel Fittings and Cotterless Bracket, Weldless Steel Tubing, Heavy Butted Steering Column, Flanged Chain Wheel and Cranks, made by <b>WILLIAMS</b>. Expander Ball Head. Tubular R. Pattern Fork Crown.</p> <p><b>Wheels.</b> "DUNLOP" Rims, Nickel-plated, Black Centred and Lined in Colours. Best British Steel Oil Bath Hubs, Machined from Solid Steel Stampings, Rustless or Plated Spokes and Nipples.</p> <p><b>Brakes.</b> "PHILLIPS" Handlebar and Brakes. Yoke and Hinge Pattern.</p> <p><b>Chain.</b> <b>HANS RENOLD</b> or <b>PERRY'S</b> Best.</p> <p><b>Free Wheel.</b> <b>PERRY'S</b> or <b>VILLIERS'.</b></p>	<p><b>Gear Case.</b> Best Quality Hand-made Oil Bath, lined to suit.</p> <p><b>Mudguards.</b> Best Quality Latest Domed Full Section Blades. Heavy Gauge, Superbly Enamelled and Lined. 24 Gauge. Full Length. Full Width.</p> <p><b>Pedals.</b> Solid Steel, Rat Trap or Rubber.</p> <p><b>Saddle.</b> <b>JOHN CLAY'S</b> Special 3-Coil Full Roadster.</p> <p><b>Bearings.</b> "PHILLIPS" Best British Axles and Cups. Best Quality Steel Balls.</p> <p><b>Finish.</b> Excellent throughout, Four Coats Best Para Carbon Black Enamel, Hand Polished, Handsomely Panel Lined in Gold or Colours.</p> <p>Nickel Plated or All Black Finish Optional.</p>
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<p><b>CHROMIUM</b> Plated Finish,  4/6 extra, including Handlebar and Brakes, Rims, Hubs, Chain Wheels and Cranks.</p>
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### PRICE COMPLETE WITH

KIRMER SUPER CORD TYRES	£2/14/-
DUNLOP Champion Tyres	£2/14/9
DUNLOP Roadster Tyres	£3/-/-

<b>EXTRAS.</b>	
Sturmey-Archer 3 Speed Hub	15/-
S.A. Tricoaster Hub	20/6
Green Enamel Finish	4/6
Pump, Bell and Tool Bag and Spanners	2/9

Kirmer Lady's Tourist No. 15 Model, complete with Metal Oil Bath Gear Case and Dress Guards 3/- extra.

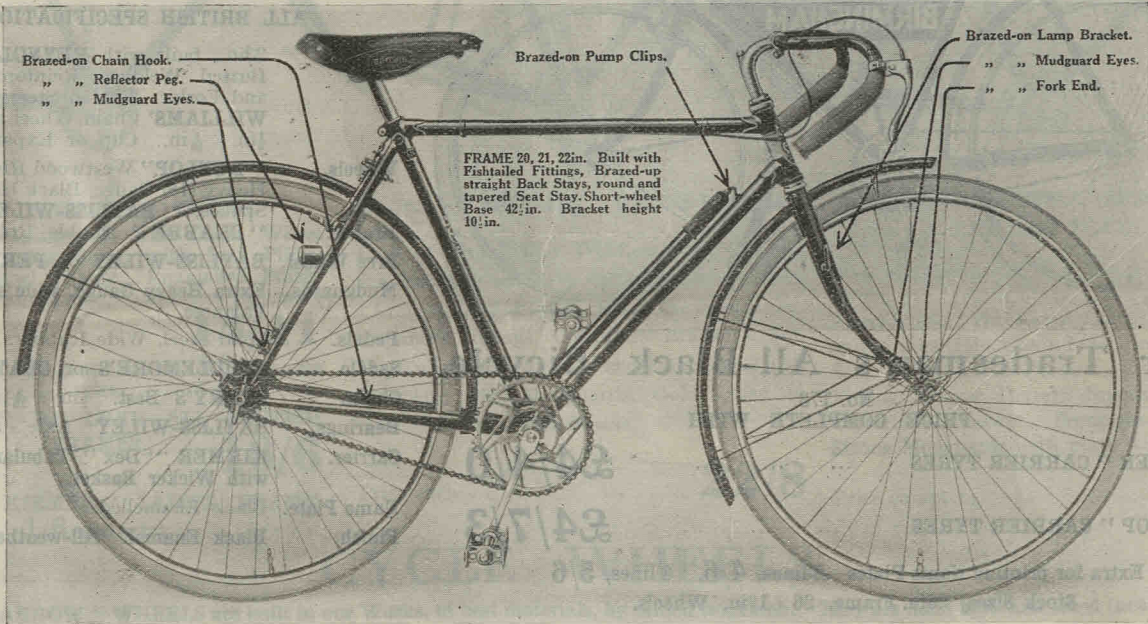
# "KIRMER" BICYCLES.

75/6

The CLUBMAN Demands the Best and Latest. He is particular to the smallest detail. He knows what he wants, and we have made it our duty to see that he gets it. It is for this reason we have designed the "SUPERBIKE." It is made to meet the approval of the most discriminating Rider.

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## Kirmer "Super Bike" Racer. No. 1.

ALL BRIGHT PARTS CHROMIUM PLATED.

The "KIRMER SUPERBIKE" invites comparison. Read our Specification and judge for yourself the merits of this All-British Racer.

### SPECIFICATION.

<b>Frame.</b>	20", 21", or 22". 10½" Bracket Height. 42" Wheel Base. Built with <b>REYNOLDS</b> "A" Quality Steel Tubing. Round Taper Seat and Chain Stays, Brazed on. Cutaway and Fish Tailed Lugs throughout. Cotterless Bracket, Quick Release Fork Ends, Front Fork Ends Solid Forged. Brazed on Mudguard Eyes. Reflector Clip and Chain Hook. <b>WILLIAMS</b> 3 Claw Racing Pattern Chain Wheel and Cranks. 46T. All bright parts Chromium plated	<b>Wheels.</b>	Built with <b>ENDRICK</b> Rims, 26 x 1¼in. Chromium plated, Black Centred. Double Butted Spokes. <b>BAYLISS-WILEY</b> Quick Release Hubs. Fitted with two Cogs, sizes to Customers' specification. Swivel Pattern Wing Nuts.	<b>Chain.</b>	<b>RENOLDS'</b> Best Lightweight.
<b>Handlebar.</b>	<b>MARSH</b> Level, Black Celluloid Covered Bend, Swan Neck Adjustable Stem, Chromium plated.	<b>Mudguards.</b>	<b>CRANFORD</b> Super Quality. Narrow Section Steel. <b>Latest Spearpoint.</b> Double Stays. Fitted to Brazed on Eyes.	<b>Pedals.</b>	<b>PHILLIPS'</b> Fish Tail Pattern.
<b>Grips.</b>	<b>SHOCKSTOPS'</b> Super Sports, No. 23.	<b>Saddle.</b>	<b>DUNLOP</b> Super F19 Drilastic.	<b>Finish.</b>	Four Coats Best Para Carbon Black Enamel, Hand Polished. Attractive Cream Coloured Head. All usual bright parts Chromium Plated.
<b>Brake.</b>	<b>PHILLIPS'</b> Rear Calliper, Wire Operated.				

### PRICE COMPLETE WITH

### SUPER BIKE FRAME. No. 7.

Frame, complete as above, Enamelled Black. Cream Head with bright parts Chromium plated. With Fish Tail Fittings. Complete with Mudguards, Seat Pillar and Chain Wheel and Cranks.

Price each **32/11**

### EXTRAS.

Frame and Fork, Chromium Plated all over	26/6
<b>BLUEMELS'</b> Celluloid Mudguards	2/6
<b>CYCLO</b> Derailleur 2 Speed Gear	20/3
<b>CYCLO</b> Derailleur 3 Speed Gear	23/9
<b>SIMPLEX</b> 3 Speed Gear	20/9
<b>BAYLISS-WILEY</b> Front and Rear Expander Hub Brakes	20/-
<b>VILLIERS'</b> Free Wheel, NORTH ROAD Raised Handlebar and 2 Calliper Brakes	2/-
Inflator and Clips, "New Featherweight"	1/6
Reflector	4d.

"DUNLOP" Sports Tyres	<b>£3/15/6</b>
"DUNLOP" Road Racing Tyres, Black or Red optional	<b>£3/16/8</b>
"DUNLOP" Translucent Road Racing Tyres	<b>£3/17/6</b>

NO NEED TO PAY MORE.

BEST BRITISH MATERIALS AND WORKMANSHIP THROUGHOUT.



# KIRMER-ARROW BICYCLES.



STANDARD FINISH.  
ALL-WEATHER.

## Kirmer Tradesman's Cycle.

ALL BRITISH SPECIFICATION.

- Frame.** 23in., built with **REYNOLDS'** Heavy Butted Weldless Reinforced Tubing and Forks. Butted Steering Column. **WILLIAMS'** Chain Wheel and Cranks.  $\frac{1}{2}$ in.  $\times$   $\frac{3}{8}$ in. Clip or Expander Head.
- Wheels.** "DUNLOP" Westwood Rims,  $26 \times 1\frac{3}{4}$ " Heavy (18) Gauge, Black Heavy Gauge Spokes, "BAYLISS-WILEY" Hubs.
- Brakes.** "CRABBE" Double Roller.
- Free Wheel.** BAYLISS-WILEY or PERRY'S.
- Mudguards.** Extra Heavy Gauge, wide section with Valances.
- Pedals.** Solid Steel, Wide Rubber.
- Saddle.** MIDDLEMORE'S or CLAY'S.
- Chain.** PERRY'S Best.  $\frac{1}{2}$ in.  $\times$   $\frac{3}{8}$ in.
- Bearings.** BAYLISS-WILEY Axle and Cups.
- Carrier.** KIRMER "Dex" Tubular, complete with Wicker Basket.
- Name Plate.** Black Enamelled.
- Finish.** Black Enamel. All-weather.

## Kirmer Tradesman's All-Black Bicycle.

No. 173.

PRICE COMPLETE WITH

"CLIPPER" CARRIER TYRES ... .. £4/4/0

"DUNLOP" CARRIER TYRES ... .. £4/7/3

Extra for printing Name Plates—3 lines, 4/6, 4 lines, 5/6

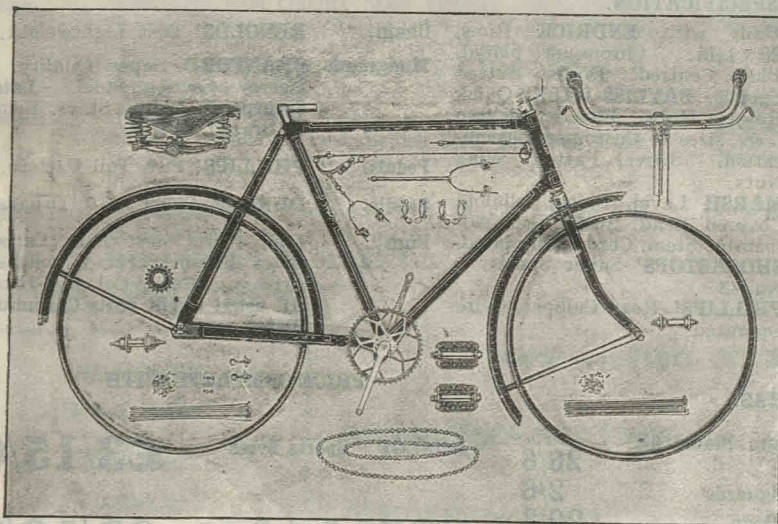
Stock Sizes, 23in. Frame,  $26 \times 1\frac{3}{4}$ in. Wheels.

## Kirmer Special Export Roadster Bicycle. No. 256.

(This Bicycle can be completely Assembled in One Hour).

Modern methods (with 39 years' uninterrupted experience in building Bicycles) and a very minimum of overhead charges enables us to again reduce the cost of this thoroughly reliable Bicycle. Quantity production with us means Quality enhanced—all parts interchangeable, and every part of the best. The No. 256 Bicycle is unassembled specially to secure low costs in packing and freight.

SPECIFICATION.



- Frame.** Built with Dustproof Cotterless Bracket and Best Quality Steel Fittings, Weldless Steel Tubing, Heavy Butted Ball Head Column, Flanged Chain Wheel and Cranks, Best Quality Steel Balls, Black Enamelled, Lined in Gold or Colours. Assembled.
- Wheels.** Superbly Nickel-plated Rims, Centred and Lined, and Black inside. Best Quality Hubs, Spokes, Nipples and Washers. (Unassembled). Best "PHILLIPS" Handlebars, fitted with Front and Rear Roller Brakes, Celluloid Grips. (Assembled).
- Free Wheel.** "KIRMER" Ball Bearing. Guaranteed.
- Mudguards.** Latest Plain Full Section, Lined to suit Frame.
- Pedals.** Best Quality Rat Trap or Rubber.
- Saddle.** 3-Coil Full Roadster.
- Chain.** High-grade, with Recessed Rivets.
- Bearings.** Best Axle and Cups, Best Quality Steel Balls.
- Finish.** Excellent throughout, Four Coats Best Para Carbon Black Enamel, One Coat Rust Preventative, Hand Polished, Handsomely Panel Lined in Gold or Colours.

Rear Brake fitted with Leg Attachment, 5d each extra.

COMPLETE WITH EVERY NECESSARY PART FOR ASSEMBLING.  
Sizes 22in. and 24in. Frames for 23in. Wheels.

PRICE COMPLETE WITH

(F). "KIRMER" Cord Tyres, fully guaranteed

£1/16/6

DUNLOP "CHAMPION" Tyres £1/18/10

"KIRMER" Super Cord or Heavy Roadster Tyres (British Made) ... ..

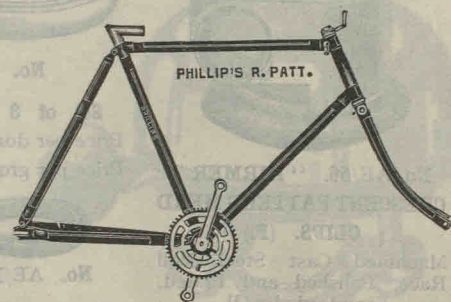
£1/18/0

"DUNLOP" Roadster Tyres ..... 2/4/1

No. 257.

"KIRMER-ARROW"  
LADY'S EXPORT BICYCLE.  
With Chain Cover,  
Dress Guards and Quadrants.  
4/6 each extra.

# CYCLE FRAMES.



**No. 65. "KIRMER" FRAME.**  
Complete as illustrated, with Chain Wheel and Cranks. Best Cups, with Seat Pillar. Built with Steel Tubing. Enamelled Black, and Double Panel Lined. Cotterless Brackets.

Price each ... .. **14/11**  
Mudguards, Panel Lined to suit, 9d. per pair extra.

**"KIRMER" DE LUXE ALL BRITISH FRAMES.**

Price each ... .. **16/6**

**No. 67. "KIRMER" LADY'S FRAME**  
1/6 each extra.

**No. 765. "PHILLIPS" GENT'S POPULAR**  
Built of Best British Weldless Steel Tubing. Straight tapered Stays and round Seat Stays. 3 Arm Chain Wheel, Quick Release Fork Ends. Expander fittings, Cotterless Bracket. 3/4 in. Top Tube, 1 in. Seat Tube and 1 in. Down Tube. Complete with Mudguards, Gold Lined to suit Frame.

Price each ... .. **22/8**

**No. 77. "PHILLIPS" SPECIAL "R" PATTERN FRAME.**

Built of Guaranteed High-Grade British Steel Tubing, D Section Forks and Stays, Tubular Front Forks, Three-arm Fixed Chain Wheel and Cranks (1 1/2 in. Chain Line, 1/2 in. x 1/2 in. pitch) Seat Pillar, Lamp Bracket, Expander Head Fittings, Lever Pattern Steering Lock and Cotterless Bracket. Complete with extra Strong Mudguards with plate fastening stays.

Price complete ... .. **22/8**

# CYCLE WHEELS.

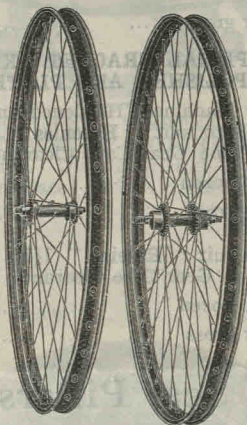
**"KIRMER-ARROW" WHEELS** are built in our Works, of best materials, by skilled workmen. They are hand built and trued (not built on jigs). In Strength, Accuracy and Uniformity, they satisfy the most exacting requirements.

**No. 1. Black Enamelled Wheels (F.)**

Built with Black Enamelled Rims. Black or Rustless Spokes. Black or Plated Hubs.

Price per pair in 12 pair lots ... .. **5/6**

Single pairs ... .. **5/7**



**No. 2. Black Enamelled Wheels**

ALL BRITISH.

Built with Black Enamelled Rims. Black or Rustless Spokes. Black or Plated "P.B.A." Oil Bath Hubs.

Price per pair ... .. **6/2**

**Rear Wheels with 3-speed Hubs.**

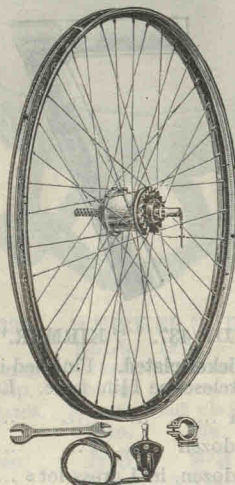
Built with Sturmey-Archer 3 Speed Hub. Complete with Control and Cog. Nickel-plated "DUNLOP" Rim, Black Centred. Lined in Gold or Colours.

Each ... .. **24/1**

Rear Wheel, Built with "Sturmey-Archer" 3 Speed TRICOASTER Hub. Complete with Control and Cog. Nickel Plated DUNLOP Rim. Black Centred. Lined in Gold or Colours.

Each ... .. **30/4**

Handle Bar Control, 1/6 each extra.



**No. 3. Nickel Plated Wheels (F.)**

Built with Nickel-Plated Rims. Black Centred. Best Quality Plated Hubs. Rustless Spokes.

Price per pair in 12 pair lots ... .. **5/11**

Single Pairs, 6/1 per pair.

**No. 4. Nickel Plated Wheels**

ALL BRITISH.

Built with Nickel-plated Rims. All Steel Oil Bath Hubs Rustless Spokes and Nipples.

Price per pair ... .. **6/3**

Dunlop Rims 2d. extra on price of No. 4 Wheels. Centreing and Lining, 5d. extra.

**Rear Wheels with Coaster Hubs**

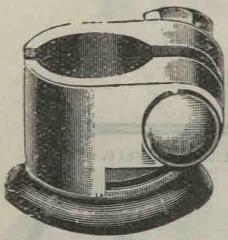
Built with Nickel-plated DUNLOP Rims, Black Centred. Lined in Gold or Colours.

PERRY COASTER ... .. **11/3**

EADIE COASTER ... .. **18/9**

STURMEY-ARCHER COASTER ... .. **11/3**

## Ball Head Clips.



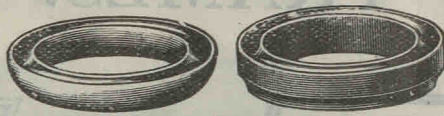
No. AE/56. "KIRMER"  
CRESCENT PATTERN HEAD  
CLIPS. (F.)

Machined Cast Steel Ball  
Race, Polished and Plated.  
Standard size  $\frac{3}{8}$ in.

Price per dozen in  
1 gross lots ... **5/10**

Price dozen ... **5/11**

## Ball Head Races.



No. AE/277. "KIRMER."  
British Made.

Set of 3 Races. Crown Race Plated.  
Price per dozen sets of 3 ... **2/4**  
Price per gross sets of 3 ... **27/4**



No. AE/197.

Top and Bottom  
Lug Race.

Price dozen **9d.**  
Price gross **8/6**

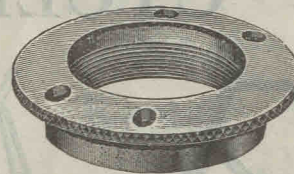


No. AE/219.  
Crown Race.

Polished, hardened,  
plated.

Price dozen **1/-**  
Price gross **11/6**

## Ball Head Lock Nuts.



No. AF/15. "ARROW."

Solid Steel. Machined from  
the Solid Bar. Polished and  
Plated. Standard Pattern.

$\frac{3}{8}$ in.  $\times$  30 threads.  
1in.  $\times$  24 threads.

Price per dozen **1/6**

Price per gross ... **17/6**

1in.  $\times$  26 threads, to suit  
Raleigh, 5d. per dozen extra.



No. AF/93. "KIRMER"  
HEXAGON.

Machined from Solid Bar.

Polished and Plated.  
Standard Pattern

A.  $\frac{3}{8}$ in.  $\times$  30 threads.

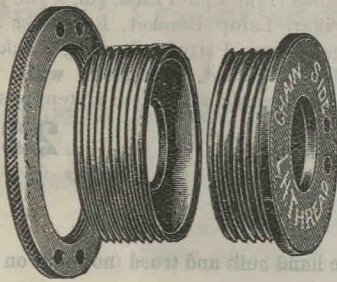
B. 1in.  $\times$  24 threads.

Price per dozen **1/10**

Price per gross ... **21/6**

Chromium Plated.  
9d. per dozen extra.

## Bracket Cups.



COTTERLESS BRACKET CUPS.

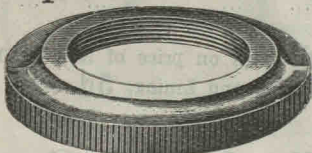
Standard Pattern for Cotterless Bracket.  
Complete with Lock Ring, Nickel-plated.  
Hardened, ground and lapped.

Per Set. Per doz. Sets.  
No. AH/17. "Kirmer-Arrow"  
13m/m deep (F.) ... **6d.** **5/5**

No. AH/48. "Kirmer-Arrow"  
18m/m deep. Nickel-plated.  
Suitable for Kirmer,  
Hercules, B.S.A. and other  
well-known Cycles. (F.) **8d.** **6/11**

Extra deep, **3 1/2 d.** dozen sets extra.  
Each Set consists of 1 Adjusting and 1 Flanged  
B.B. Cup and Lock Ring.

## Screwed Races for Expander Head.



No. AE/34. "KIRMER."  
Flat Pattern. Polished and Plated.  
 $\frac{3}{8}$ in.  $\times$  30 threads.

No. AE/35. 1in.  $\times$  24 threads.  
Price dozen **1/10** Price gross **21/4**

No. AE/47. "KIRMER."  
Screwed Ball Races.  
Standard Curved Pattern.  
Polished and Plated.  
 $\frac{3}{8}$ in.  $\times$  30 threads.

No. AE/78. 1in.  $\times$  24 threads.  
Price dozen **2/2** Price gross **25/-**

## Bracket Axles.



No. AG/1048. "KIRMER" BRACKET  
AXLES. (F.)

Most carefully machined and hardened.  
Polished, plated and finished superbly.  
Standard Pattern.

1 1/2 Chain Line and 1 1/2 Gear Case Clearance.

Price per dozen ... **5/-**

Price per gross ... **59/-**

SPECIAL BRACKET AXLES. (F.)  
POLISHED AND PLATED.

Carefully Machined, Hardened and Polished.  
No. 44/18 to suit "Hercules" 1 1/2in. Chain  
Line Gear Case Clearance.

Price per dozen ... **6/3**

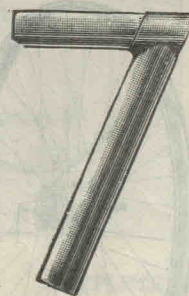
Price per gross ... **74/-**

No. 8 to suit "Raleigh" 1 1/2in. Chain Line  
Gear Case Clearance.

Price per dozen ... **6/6**

Price per gross ... **77/6**

## Seat Pillars.



No. DP/437. "KIRMER." (F.)

Heavily Nickel-plated. Finished in best style.  
To telescope 1 1/2in. tube. Lap joint.

Price each ... **7d.**

Price per dozen ... **6/3**

Price per dozen, in 1 gross lots ... **6/2**



No. AG/1050. "ARROW" SUPERB  
BRACKET AXLES. (F.)

Accurately machined and hardened.  
Polished to a high degree. Best Plating,  
and guaranteed. British Made.

1 1/2 Chain Line and 1 1/2in. Chain Line Gear  
Case Clearance. Standard Pattern.

Price dozen **5/5** Per gross **64/-**

1 1/2in. Chain Line, per dozen ... **5/6**

1 1/2in. Chain Line, per dozen ... **6/7**

## REPLACEMENT FORKS.

No. BM/1063. "KIRMER"  
FITALL REPLACEMENT  
FRONT FORKS. (F.)

Nothing but the finest materials  
are used in the construction of  
these Forks and a degree of  
accuracy and finish is maintained  
second to none. Columns 12ins.  
long and screwed down 5 1/2ins.  
Fitted with special strengthening  
steel liners. Crown plated  
Blades black enamelled, four  
coats. Stocked for 26 and 28ins.  
Wheels.

Unquestionably the finest value  
in the Trade.

Price per pair in 100  
lots and upwards ... **2/-**

Price per pair in dozen  
lots and upwards ... **2/0 1/2**

Price per pair ... **2/1**

No. BM/1067. THE WESTING  
REPLACEMENT FORK, with  
Butted Steering Column. British  
Made. Stocked for 26 and 28in.  
Wheels.

Price per pair in 100  
lots and upwards ... **2/4**

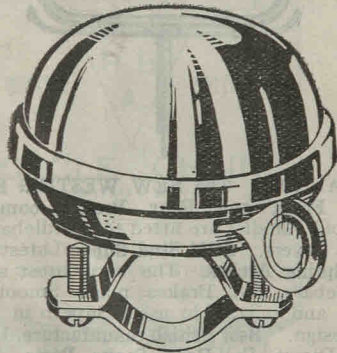
Price per pair in dozen  
lots ... **2/4 1/2**

Singles, 1d. per pair extra.

# KIRMER CYCLE BELLS.

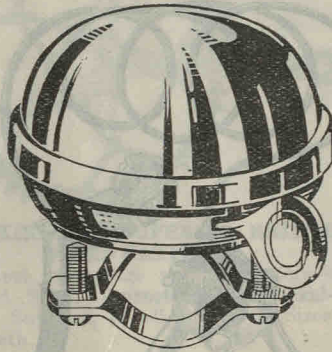
**Outstanding Offers. Remarkable Values.**

THE BEST VALUE FOR YOUR MONEY.



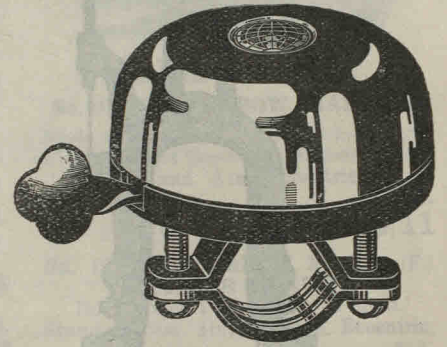
**No. AK/168. "MOSELEY" (F.)**  
 2 3/8 in. Beaded Dome. Screw Clip. Rotary Action. A favourite Bell. Well plated and finished.

Price per dozen in gross lots ... **2/7**  
 Price per dozen in 1 dozen lots ... **2/8**



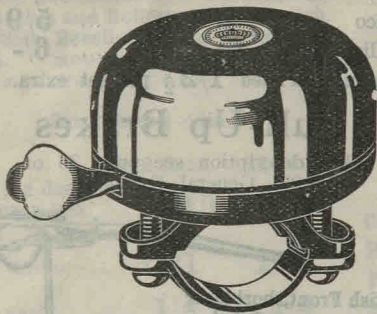
**No. AK/1074. "KEMTONE." (F.)**  
 2 1/2 in. Beaded Dome. Screw Clip. Rotary Action. Reliable in every part. Our leading line. Well plated and finished.

Price per dozen in gross lots ... **2/9**  
 Price per dozen in 1 dozen lots ... **2/10**



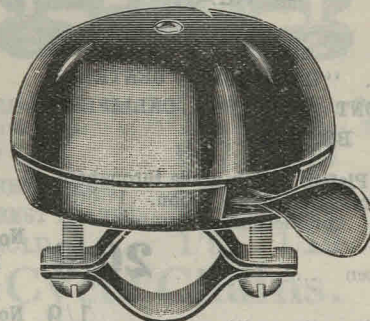
**No. AN/985. "CHROMOBELL." (F.)**  
 2 3/4 in. High Raised Steel Dome, with Medallion. Chromium-plated. Superbly finished. Black Base. 2 Screw Clip.

Price per dozen in 1 gross lots ... **6/8**  
 Price per dozen ... **6/10**



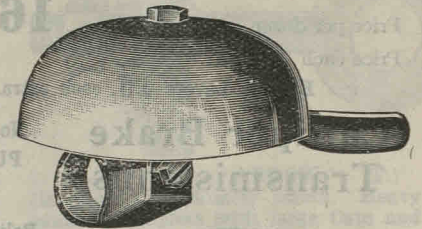
**No. AK/87. "LUXOR" BELL. (F.)**  
 2 3/8 in. Nickel-plated Medallion High Dome. of special brass and steel alloy. Black cellulose finish base, latest security clip. Superior finish.

Price per dozen in 1 gross lots ... **6/8**  
 Price per dozen ... **6/10**



**No. AM/275. "ROTEX." (F.)**  
**BEST QUALITY ROTARY ACTION.**  
 2 1/2 in. Dome. Distinctly High-grade. Khaki Enamelled Base. Dome Highly Polished and Nickel-plated. Latest Rotary Action.

Price per dozen in 1 gross lots ... **4/7**  
 Price per dozen ... **4/9**



**No. AM/398. "CHALLIS" PATTERN. (F.)**  
 3 in. Dome. Latest Pattern Band Clip. Solid cast Lever. Highly Nickel-plated. First quality. A sound reliable Bell.

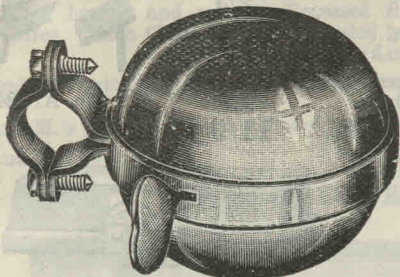
Price per dozen ... **8/4**  
 Price per gross ... **99/3**

**No. AN/917. "SUPERBELL." (F.)**  
 2 3/4 in. Nickel-plated Medallion High Dome, of special brass and steel alloy. Black Cellulose Finish Base. Latest Security Clip. High-grade throughout.

Price per dozen in 1 gross lots ... **7/6**  
 Price per dozen ... **7/8**

**No. AN/289. SUPERB "CHALLIS" PATTERN. (F.)**  
 Superior finish Ebony Black Dome. Nickel-plated Base and Lever.

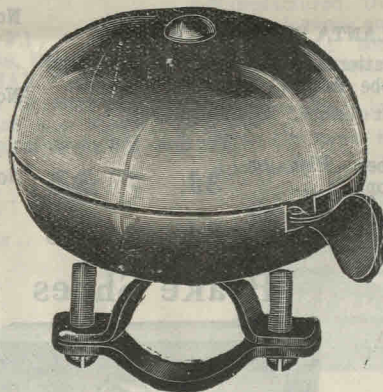
Price per dozen ... **8/4**  
 Price per gross ... **99/3**  
 Chromium-plated 2/6 per dozen extra



**No. AL/1094. "MARION" DOUBLE RINGING CHIME BELL. (F.)**  
 Revolving Domes. Nickel-plated. Double Ringing Chimes. Excellent Value.

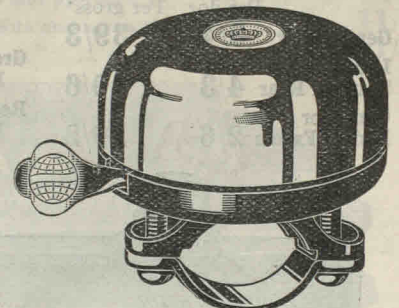
Overall Sizes ... 2 1/2 in. Dome. 2 3/4 in. Dome.

Price per dozen ... **12/- 13/4**  
 Price each ... **1/1 1/2**



**No. AL/397. "KIRMER" DING DONG BELL. (F.)**  
 High Domes. Nickel-plated in best style. 2-Screw Clip. Supplied in three most popular sizes. A safe road clearer.

	2 1/2 in.	3 in.	4 in.
Price dozen	5/6	9/3	13/11
Per gross	65/3	110/3	166/-

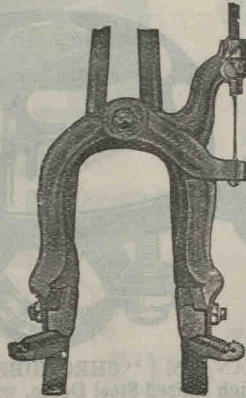


**No. A/345. BLAXBELL. (F.)**  
 High Raised Domes, with Medallion. All Black Finest Cellulose Finish. Security Clip. Superior Quality.

	2 1/2 in.	2 3/4 in. Dome
Price per dozen	6/6	7/7
Price per gross	77/6	90/6

# KIRMER CALLIPER BRAKES.

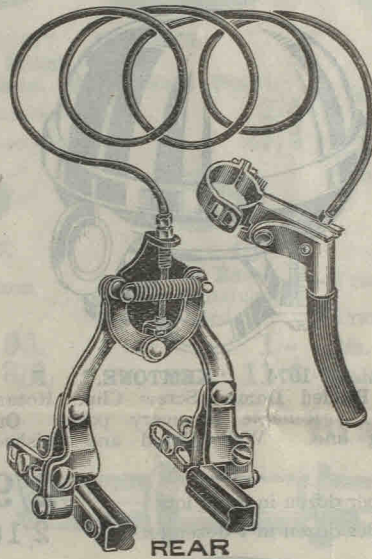
# Handlebars & Brakes



No. AS/104. "WESTING" SIDE PULL CALLIPER BRAKES. (F.)

Substantially made. Latest Ovalled Arches. Handsomely Nickel-plated. Perfect in action. Suits any shaped Handlebar. Complete with Control and Plated Levers.

Price per dozen ... .. **16/5**  
 Price each ... .. **1/5**  
 Ebonite Levers 1d. each extra.



No. AS/421. "CALLIGRIP" CENTRAL PULL FRONT AND REAR CALLIPER BRAKES. (F.)

Polished and Plated. High-grade throughout. Ebonite Levers. Perfect in action. Positive grip. Complete as illustrated.

Price per dozen ... .. **20/9**  
 Price each ... .. **1/9**



No. AP/1096. The NEW WESTING SET. With Front and Rear Brakes complete. Celluloid Handles are fitted to Handlebar and Brake Levers. Solid Stud Clip. Latest Pattern Spring Arches. The very latest set of Handlebars and Brakes made Smooth in action and reliable in use. Superb in finish and design. Best British manufacture. Fitted with Direct Pull Rear Brake Parts. High raised pattern. **Reduced.**

Price per set ... .. **4/11**  
 With Leg Attachment, price per set extra, 5d.

"PHILLIPS" HANDLE BARS AND BRAKES, with Front and Rear Roller Brakes. Price per set.

Philco ... .. **5/9 1/2**  
 Phillips' Celtonia Set ... .. **6/-**  
 Chromium Plated 1/2 1/2 per set extra.

## Calliper Brake Transmissions

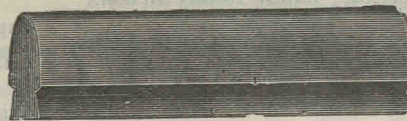


No. AS/121. CALLIPER BRAKE TRANSMISSIONS. (F.)

Complete Units as illustrated. With outer wire and inner cable casing with connector. Soldered on Nipples. Suits all Types of Calliper Brakes. **Reduced Prices.**

	Per doz.	Per gross*
Gent's Rear	3/4	39/3
Lady's or Tandem Rear	4/3	50/6
Gent's or Lady's Fronts	2/6	29/2

## Brake Blocks



"ATLANTA" BRAKE BLOCKS.

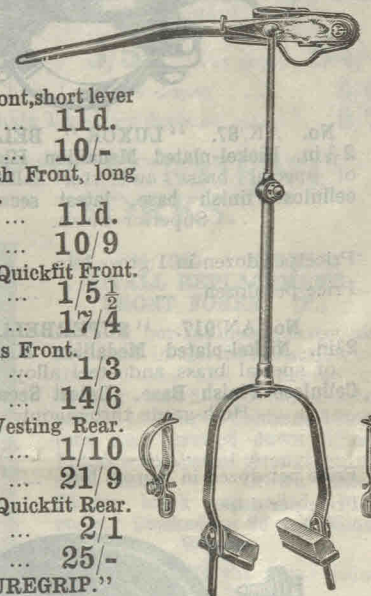
Standard Patterns, suitable for Phillips' and Crabbe Brakes. British Made.

Best quality. Standard sizes.

	Per doz.	Per gross.
Grey Rubber, Flat or Round Top	3d.	2/5
Red Rubber, Flat or Round Top	3d.	2/5

## Pull-Up Brakes

For description see page 36 of 1931 General Catalogue.



No. AR/24.

No. 1103. British Front, short lever

Price each ... .. **11d.**  
 Per dozen... .. **10/-**

No. 1103A. British Front, long lever.

Price each ... .. **11d.**  
 Per dozen... .. **10/9**

No. 430A. Phillips Quickfit Front.

Price each ... .. **1/5 1/2**  
 Per dozen... .. **17/4**

No. 1104. Famous Front.

Price each ... .. **1/3**  
 Per dozen... .. **14/6**

No. 1106. New Westing Rear.

Price each ... .. **1/10**  
 Per dozen... .. **21/9**

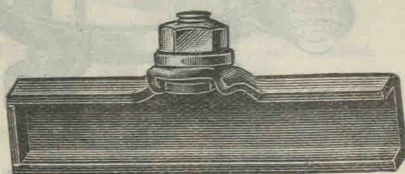
No. 431. Phillips' Quickfit Rear.

Price each ... .. **2/1**  
 Per dozen... .. **25/-**

No. AR/24. "SUREGRIP"

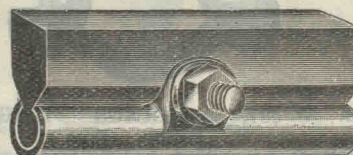
Well plated. Best British. Price each ... .. **1/-**  
 Price per dozen ... .. **11/9**

## Brake Shoes



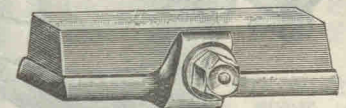
No. AY/39. "KIRMER" BRAKE SHOES. Well Plated. Complete with Pins with square shoulders and Machined Nuts. Suit all Rim Brakes.

Price per dozen pairs ... .. **1/1**  
 Price per gross pairs ... .. **11/11**



No. AV/73. "PHILLIPS" "R" Pattern SHOE (N.P.) WITH BLOCK, PIN and NUT.

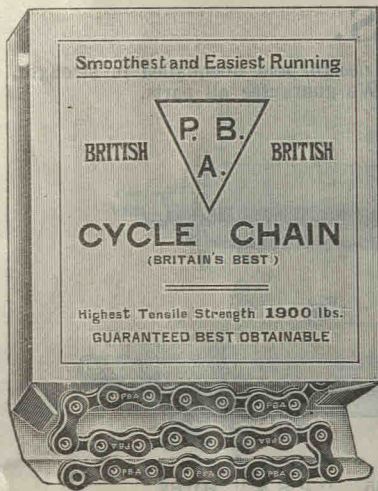
Suitable for "Raleigh." Carded. Price per dozen pairs ... .. **3/4 1/2**  
 Price per gross pairs ... .. **40/5**



BRAKE SHOES, Complete with RUBBERS. Complete with Brake Pads, Pins and Nuts. Nickel-plated.

	Per doz. prs.	Per gro. prs.
No. 41. "Kirmer"	1/6	17/3
No. 395. "Phillips" Carded	2/11	34/8
No. 392. "Crabbe" Carded	2/11	34/8

## Cycle Chains.



### P.B.A. CYCLE CHAIN.

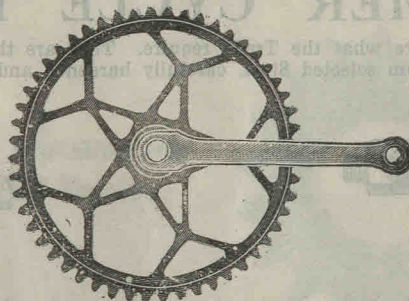
Manufactured from highest grade materials. Unsurpassed for finish, elegance and flexibility. **Hardened inside Bushes and Rollers. True to pitch. Blue Side Bevelled Plates. Recessed Rivets.** Smooth running. Highest breaking strength, 1,900 lbs.

Stock Sizes  $\frac{1}{2} \times \frac{1}{8}$  in.

	112 links.	114 links
Price per dozen in 3 dozen lots	14/10	15/1
Price per dozen	15/1	15/4
Price each	1/4	1/4

## Chain Wheels & Cranks

BRITISH



### No. 613. "KIRMER" SUPERB. BRITISH MADE. FIXED PATTERN.

Made from Steel Stampings and accurately machined. Dead Standard Sizes. **Correct Pitch. Nickel-plated or Black Finish.** Supplied in all Standard Sizes from 44 Teeth to 52 Teeth.

Price per set in 3 dozen set lots	1/9 $\frac{1}{2}$
Price per set in dozen set lots	1/10
Price per set	1/11

Chromium Plated 4d. per set extra.



### PROPRIETARY CHAINS. New Season's Prices.

	In Standard Lengths of 112 Links, 114 Links, 116 Links.
COVENTRY	1/9 $\frac{1}{2}$ 1/10 1/10 $\frac{1}{2}$
PERRY'S BEST BLUE	1/9 $\frac{1}{2}$ 1/10 1/10 $\frac{1}{2}$
PERRY'S BEST PLATED	1/10 $\frac{1}{2}$ 1/11 1/11 $\frac{1}{2}$
HANS RENOLD	1/9 $\frac{1}{2}$ 1/10 1/10 $\frac{1}{2}$

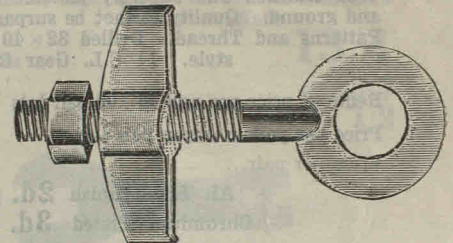
## Crank Cotters.



Cheapest in the Trade.

No. BF/1211. ARROW GRAND. (F.)	
Made of Cold Drawn Steel, Polished and Plated. Best Quality. Standard size.	
$\frac{3}{16}$ in. and $\frac{1}{8}$ in. Eccentric.	
Price per dozen	7d.
Price per gross	5/11
No. BF/1217. ARROW No. 1A. (F.)	
SUPERIOR QUALITY.	
Best Arrow Polished and Plated.	
Standard Size, $\frac{3}{16}$ in. and $\frac{1}{8}$ in. Eccentric.	
Price per dozen	7d.
Price per gross	6/9

## Cycle Chain Adjusters.



No. BF/124. "ARROW." (F.)	
$\frac{1}{2}$ in. Stem, handsomely plated. Heavy gauge. Complete with large Caps and Nuts. $\frac{3}{16}$ in. Hole.	
Price per dozen pairs	10d.
Price per gross pairs	9/5

## Cycle Chains.



### No. BF/107. "CLIMAX" CHAINS. (F.)

Many imitations have been made and sold in the trade, but original Climax is our sole property. Each link marked "CLIMAX" made by the original maker who first made this chain for us 29 years ago. **Hardened bushes and rollers. Recessed rivets. Blue and Nickel side plates.** Each Chain packed in printed box. Supplied in  $\frac{1}{2} \times \frac{1}{8}$  in. and  $\frac{1}{2} \times \frac{3}{16}$  in. 116 Links.

K. and M.'s price per dozen in 100 lots and upwards	10/3
K. and M.'s price per dozen in dozen lots and upwards...	10/6
K. and M.'s price each	11d.

## Loose Cranks.



### No. BH/1206. "ARROW." (F.)

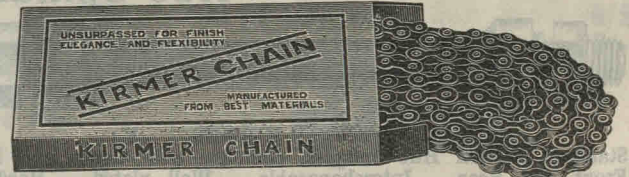
Left Side Plain Cranks, standard size,  $\frac{3}{16}$  in.  $\times$  20 threads, bevelled edges, polished and plated.

Toughened Steel.  $6\frac{1}{2}$  in. or 7 in. long.

Price each	11d.
Price per dozen	10/3

Right Side Detachable. 5 Screw Fitting, standard size,  $\frac{3}{16}$  in.  $\times$  20 threads, bevelled edges, polished and plated. Toughened Steel.  $6\frac{1}{2}$  in. or 7 in. long.  $1\frac{1}{2}$  in. Chain Line or Gear Case Clearance.

Price each	1/1
Price per dozen	12/3



### No. BF/43. "KIRMER." (F.)

Manufactured from highest grade materials. Unsurpassed for finish, elegance and flexibility. **Hardened inside Bushes and Rollers. True to pitch. Nickel and Blue Side Bevelled Plates. Recessed Rivets.** Smooth running. Highest breaking strength.

Price per dozen in 100 lots and upwards	11/-
Price per dozen in dozen lots and upwards	11/3
Price each	1/-



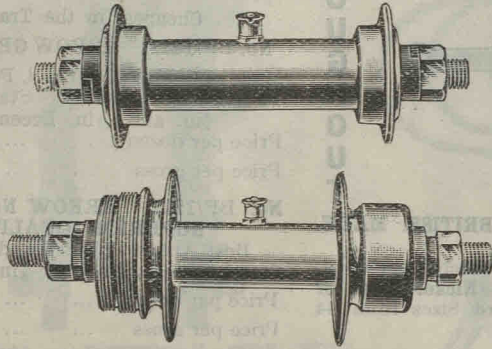
### No. BF/81. "UNION" ROLLER CHAINS. (F.)

Smoothest and easiest of running, highest breaking strength. Guaranteed true to pitch. **Hardened Bushes and Rollers, recessed rivets.** Packed in an attractively printed box. Supplied in  $\frac{1}{2} \times \frac{1}{8}$  in. 114 Links only.

Price each in dozen lots and upwards	1/0 $\frac{1}{2}$
Price each	1/1

# KIRMER CYCLE HUBS.

OUR 1932 STANDARD PATTERN HUBS are what the Trade require. They are the latest in design, and unequalled in strength, quality, and finish. The cones are made from selected Steel, carefully hardened and ground. We guarantee all parts.



No. BU/1383. "KIRMER" HUBS. (F.)

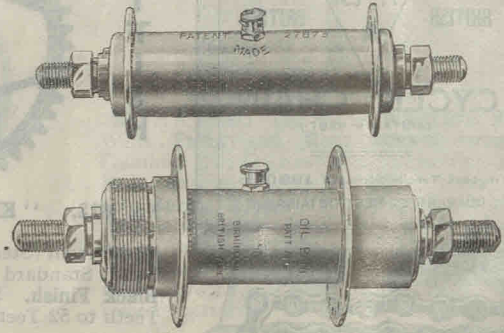
Well finished and superbly plated. Cones are carefully hardened and ground. Quality cannot be surpassed. Closed Ends. Standard Patterns and Thread. Drilled 32x40 holes. Finished in excellent style. 1 1/2 C.L. Gear Case Clearance.

Reduced price per pair in 100 pair lots	...	...	...	1/9
Price per pair in dozen pair lots	...	...	...	1/10
Price per pair...	...	...	...	1/11

All Black finish 2d. per pair extra.  
Chromium Plated 3d. per pair extra.

## PROPRIETARY HUBS. 1932 REDUCED PRICES.

Standard Pattern.	Price per pair.
"PHILLIPS" Plated	2/3 1/2
"BAYLISS-WILEY" Plated	2/11 1/2
"BRAMPTONS" Tubular Narrow Barrels, Chromium or Black	2/8 1/2



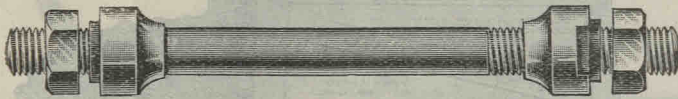
No. BU/1385. "P.B.A." HUBS.

Superior Quality, All Steel, British Made Oil Bath Hubs. Contains sufficient Oil to feed continually with the correct quantity of lubricant Fitted with Hardened Cupped Ends. High-grade finish throughout. Nickel plated or All Black Finish Optional.

Price per pair in 100 pair lots	...	...	...	1/10
Price per pair in dozen pair lots	...	...	...	1/10 1/2
Price per pair...	...	...	...	1/11

Chromium Plated 3d. per pair extra.

## Hub Spindles, Cones and Nuts



No. BW/378. "KIRMER." (F.)

Standard Pattern Hub Spindles, complete with Cones and Nuts. Front and Rear. Interchangeable. Well plated. Hardened Polished Cones.

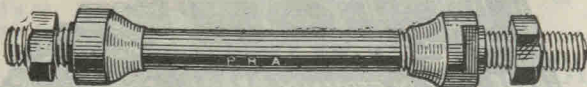
Price per dozen sets complete, Front and Rear	...	...	...	3/9
Price per gross sets	...	...	...	44/-

## No. BW/20. SUPERIOR QUALITY STANDARD.

### PATTERN FRONT HUB SPINDLES, CONES AND NUTS. (F.)

Standard size. Hardened Polished Cones. Polished and Plated Ends.

Price per dozen	1/11	Price per gross	22/6
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"P.B.A." SUPERIOR QUALITY HUB SPINDLES, CONES & NUTS. Hand Plated throughout. Hardened Polished Cones. Machined Bar Nuts. (Hand Plated). Best British.

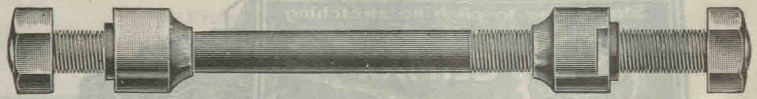
A235. Front. Length overall, 4 1/2 in.	...	...	...	3/4 per doz.
A236. Back. " " 5 1/2 in.	...	...	...	4/- "

## "P.B.A." HUB SPINDLES, CONES & NUTS.

Standard Pattern. Complete with Cones and Nuts. Plated Spindles and Nuts. Hardened and Polished Cones.

"B" Quality.

A237. Front. Length overall, 4 1/2 in.	...	...	...	3/1 per dozen.
A238. Back. " " 5 1/2 in.	...	...	...	3/9 "



No. BY/518. "WESTING." (F.)

Extra Long Spindles.

Suitable for Tradesmen's Cycles, or for Cycles with thick mudguard stays, or Carrier. Front 5 1/2 in. long. Rear 6 1/2 in. long. Nickel-plated High-grade.

Price per dozen sets complete, Front and Rear	...	...	...	4/-
Price per gross sets complete, Front and Rear	...	...	...	47/3

## No. BW/17. REAR HUB SPINDLE, CONES AND NUTS. (F.)

Extra Long. 6 1/2 in.

Price per dozen	2/4	Price per gross	27/-
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## Hub Cones

## Hub Cogs



No. BX/1397. "KIRMER." (F.)

Standard Sizes, Threads and Patterns. Carefully hardened and capped. Superior finish throughout.

Front.	Fixed.	Adjustable.
Per dozen	7d.	8d.
Per gross	6/9	7/-
Rear.		
Per dozen	8d.	8d.
Per gross	7/6	7/9

No. BT/1409. "KIRMER-ARROW." (F.)

Standard Sizes and Threads, hardened and tempered, and correct to pitch. Sizes 1/2 x 1/8, 16, 18, 20 Teeth.

Reduced price each...	5d.
Price per dozen	4/6

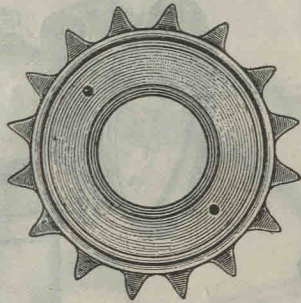
## HUB LOCK RINGS.

No. BT/1387. "ARROW."

Steel coloured. Standard Size and pattern.

Price per dozen	1/3
Price per gross	14/9

# FREE WHEELS.



**Outstanding Value.**



No. BO/1345. "KIRMER" BALL BEARING FREE WHEEL. (F.)

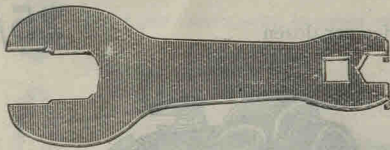
The Peer of all Free Wheels. Made from Steel Stampings, has two Ball Races, is noiseless, frictionless, and dust proof. Its remarkably low price, high quality and dependability make it the greatest value in the Trade. Packed in attractively designed and printed Three-colour Boxes. Stock Sizes, 16T., 18T., and 20T.  $\frac{1}{2} \times \frac{1}{4}$  in.

Price per dozen in 1 gross lots	...	...	...	<b>10/11</b>
Price per dozen	...	...	...	<b>11/1</b>
Price each	...	...	...	<b>1/-</b>

"KIRMER" SUPERB BALL BEARING FREE WHEELS. BRITISH MADE.

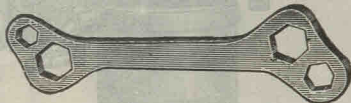
Distinctly high-grade. Substantial, Serviceable and fully guaranteed. Steel Stampings. Has two complete rows of Balls. Its remarkable low price, high quality and dependability, make it the greatest value in the Trade. Stock Sizes, 16T., 18T., 20T. Packed in attractive Printed Boxes. British Made

Price per dozen, in 3 dozen lots	...	...	...	<b>13/4</b>
Price per dozen	...	...	...	<b>13/7</b>
Price each	...	...	...	<b>1/2</b>



No. DU/82. LARGE SIZE PEG AND CONE SPANNER.

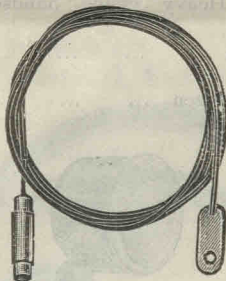
Heavy Gauge. Black finish. **REDUCED PRICE.** Standard Size.  
 Price per dozen ..... **6d.**  
 Price per gross ... .. **5/9**



No. DU/108. FOUR-HOLE SPANNER.

Length, 5in. overall. Black Finish. Fits 4 different size nuts. **REDUCED PRICE.**  
 Price per dozen ..... **6d.**  
 Price per gross ... .. **5/5**

**CONTROL WIRES FOR 3-SPEED HUBS.**

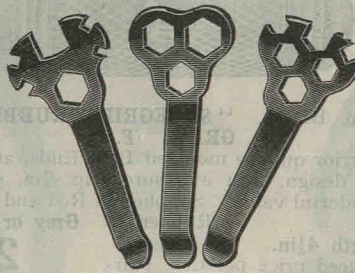


**CONTROL WIRES FOR 3-SPEED HUBS.**

High-grade Covered Wire, with connections as illustrated. Each complete Wire in separate envelope.

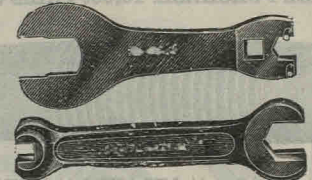
No. BG/72. Suitable for Sturmey-Archer Hub.	No. BG/87. Suitable for B.S.A. 3-Speed Hub.
<b>Reduced Price.</b>	<b>Reduced Price.</b>
Price each <b>6d.</b>	Price each <b>6d.</b>
Price dozen <b>4/10</b>	Price dozen <b>5/4</b>
Price gross <b>57/-</b>	Price gross <b>63/9</b>

## Spanners.



No. DU/579. BRUETON COMBINATION SPANNERS, WITH TYRE LEVERS.

Suitable for all Standard Nuts. Superior Blue Finish. **Reduced Price.**  
 Price per dozen sets of 3 ... .. **1/10**  
 Price per gross sets of 3 ... .. **21/-**



No. DU/1565. "KIRMER A" BOX AND PEG SPANNERS. (F.)

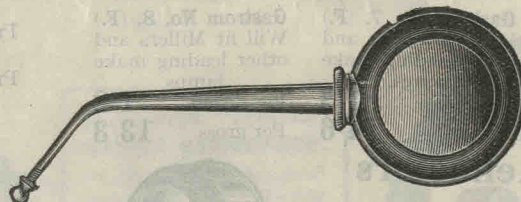
Drop Forged Steel Machined. Guaranteed. Superior quality. Mottled finish. Suitable for B.S.A. Size Nuts.  
 Price per dozen sets of 2 ... .. **4/9**  
 Price per gross sets of 2 ... .. **56/-**



No. DU/77. "KIRMER" UTILITY SPANNER.

Substantially made 10 gauge to suit Standard Nuts. Nickel-plated. 6-way.  
 Price per dozen ... .. **1/1**  
 Price per gross ... .. **11/11**

## Oilcans.



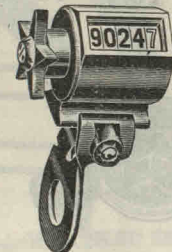
No. DE/1487. "ROYALTY." (F.)

Finely finished Oiler, with long bent spout, fitted with Brass Cap and pin to clear spout.  
 Price per dozen ... .. **1/2**  
 Price per gross ... .. **13/3**

No. DE/1491. "MOSELEY." (F.)

Tin polished and plated long bent spout. Brass Cap. Excellent Value.  
 Price per dozen ... .. **1/6**  
 Price per gross ... .. **16/11**

## Cyclometers.

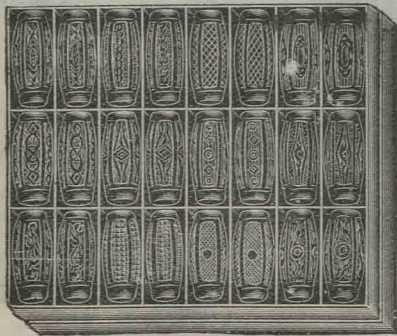


"KIRMER" CYCLOMETERS. (F.)

Reliable and dependable register. Regular pattern for 26in. or 28in. wheels. 0000.0 to 10,000 miles and start again. Nickel-plated.  
 Price each ... .. **2/4**  
 Price per dozen ... .. **27/-**



# CYCLE HANDLE GRIPS.



No. BR/194. "WESTING" BOX. (F.)

Containing 12 pairs Superior Celluloid Handles in assorted fancy patterns.  $\frac{3}{4}$  in. black solutioned inside. Best value in the Trade.

Reduced price per box of 12 pairs **2/3**

Price per doz. boxes of 12 pairs **25/11**



No. BR/1. "CALAIS" BOX. (F.)

Containing 12 pairs of our best quality one-piece Celluloid Handles. Assorted Patterns, with Coloured Rings. Superior Quality.

Price per box of 12 pairs ... **2/5**

Price per doz. boxes of 12 pairs **28/9**

## Rubber Handle Grips.

SPECIAL PURCHASE. 10,000 PAIRS ONLY. WONDERFUL VALUE. AMAZING PRICES.



No. BR/18. "ATLANTA" RUBBER GRIPS. (F.)

Ribbed Pattern. Round moulded ends, Superior Quality Rubber for  $\frac{3}{4}$  in. Handlebars. Length  $4\frac{1}{2}$  in. Grey or Red.

Reduced price per dozen pairs **1/11**

Price per gross pairs ... **22/6**



No. BR/14. "SUREGRIP" RUBBER GRIPS. (F.)

Superior quality moulded Bulb Ends, attractive design, firm and sure grip,  $\frac{3}{4}$  in. diam. Wonderful value. Supplied in Red and Grey Rubber.

Length  $4\frac{1}{2}$  in. Reduced price per doz. pairs **2/3**

Price per gross pairs ... **26/6**

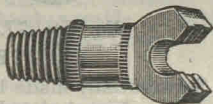
## Acetylene Cycle Lamp Burners

10 LITRE CAPACITY.



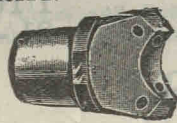
Gastrom No. 3. (F.) Fishtail Duplex. Atmospheric.

Per dozen **11d.**  
Per gross **10/7**



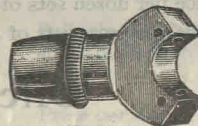
Gastrom No. 19. (F.) A Grand Burner.

Per dozen **1/2**  
Per gross **13/3**



Gastrom No. 7. (F.) Will fit Lucas and other leading make lamps.

Per dozen **1/3**  
Per gross **14/6**



Gastrom No. 8. (F.) Will fit Millers and other leading make lamps.

Per dozen **1/2**  
Per gross **13/3**

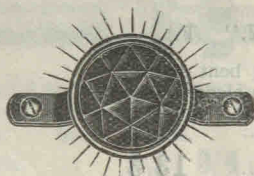
## Cycle Reflectors



"KEMFLECTOR."

Fitted with Ruby Facetted Lens.  $1\frac{1}{2}$  in. dia. Nickel-plated Clips. Excellent value. No. CM/L032. For Mudguards

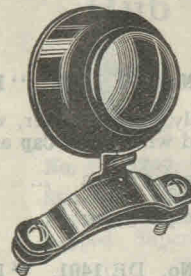
No. CM/L033. For Stays  
Price dozen ... **1/8**  
Price gross ... **19/6**



No. CO/335. "WARNLIGHT." (F.)

Large Rear Reflector. Fitted with 2 in. best quality facetted lens for Mudguard attachment.

Superior finish. Nickel-plated  
Price per dozen **2/9**  
Price per gross **32/6**



REGULATION TYPE. With Mudguard or Back Stay Fitting.

Per doz. Per gross.  
"Kirmer" **3/6 41/3**  
"Ashby's" **3/9 44/7**  
No. 4 Solar **16**

# Acetylene Lamps.

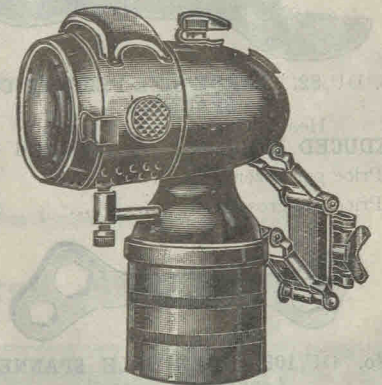


No. CF/2026. "NEW STAR." (F.)

An improved pattern for 1932. Made with the finest All Spun Metal. Highly polished and plated. Large carbide capacity. Aluminium Reflector. Compact and durable. Wonderful Value. Nickel-plated.

Price each ... **2/2**

Price per dozen ... **25/6**

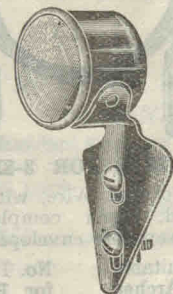


No. CF/631. "ORION." (F.)

The "Orion" Torpedo Pattern All Brass Lamp, supplied to meet the popular demand. Fitted with Red and Green coloured side lights and Lens Front. Handsomely polished and plated. One of the finest Lamps on the Market. Heavy gauge handsome Lamp

Price each ... **3/6**

Price per dozen ... **41/6**



REGULATION TYPE.

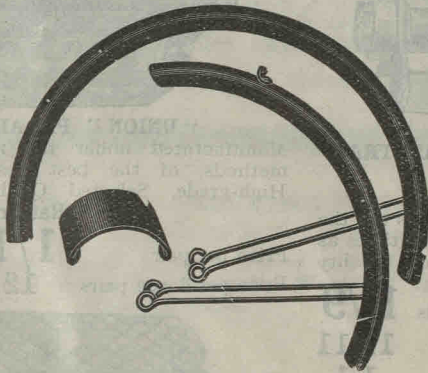
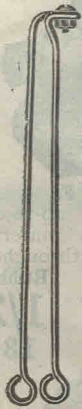
No. 81. "KIRMER," for Mudguard Plate Fixing.

Price per dozen ... **3/5**

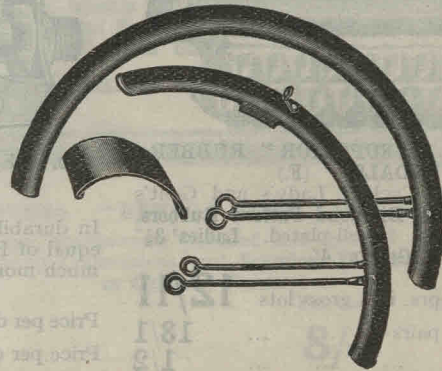
Price per gross ... **39/9**

# "KIRMER" CYCLE MUDGUARDS.

"KIRMER" MUDGUARDS are made from heavy gauge Bright Steel. Enamelled in first-class style. LATEST COVENTRY DESIGNS. They should not be compared with many cheap Guards now being offered. FULL LENGTH, FULL WIDTH, HEAVY GAUGE, SUPERBLY FINISHED. BRITISH MADE.



SUPERIOR  
QUALITY.  
BRITISH  
MADE.



## No. CU/1258. "ARROW" SET,

with Extension Fronts. For 26in. or 28in. Wheels. Latest pattern heavy gauge, full width. Plain Dome, Plain Section. Detachable rustless Loop Stays. Plated Screws and Nuts. Finely finished, superbly enamelled. Extra strong.

## No. CU/1456. "DE LUXE SET."

with Extension Fronts. For 26in. or 28in. Wheels. Latest Plain Dome Section heavy gauge, full width. Screw-in Rustless Stays. Enamelled and finished in excellent style.



Price per dozen sets, in gross set lots ... **4/6**

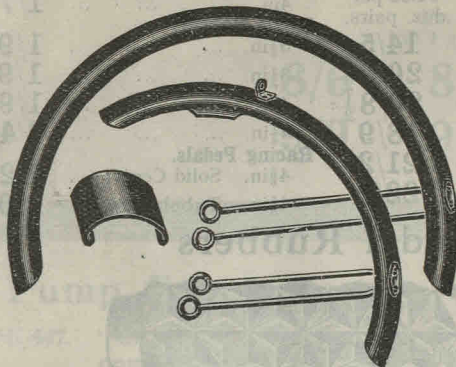
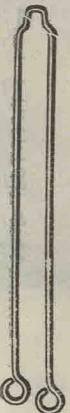
Price per dozen sets, in gross set lots ... **5/4**

Price per dozen sets ... **4/7**

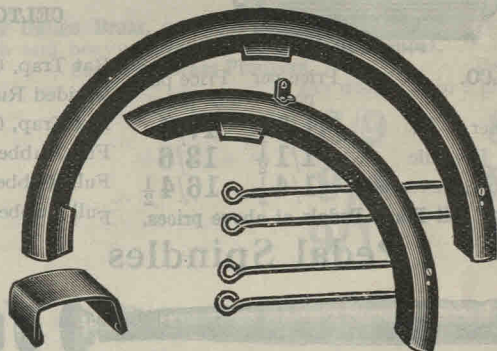
Price per dozen sets ... **5/5**

Ladies', 1/- per dozen sets extra.

Ladies', 1/3 per dozen sets extra.



THE  
GENUINE  
AT THE  
PRICE  
OF THE  
SHODDY.



## No. CU/2553. "BRADFORD" SET.

With Extension Fronts. For 26in. or 28in. Wheels. The Latest Plain Dome Section Guard, popular pattern, heavy gauge section. Enamelled Stays with plate fastening, superbly enamelled and finished.

## No. CW/203. "EASYFIT."

For 26 and 28in. Wheels. 2 1/2in. wide. D Section Blade. 3/4in. deep.

A new Guard. Strong and Efficient, with "Easyfit" Clip & detachable Stays. Superior quality and finish.

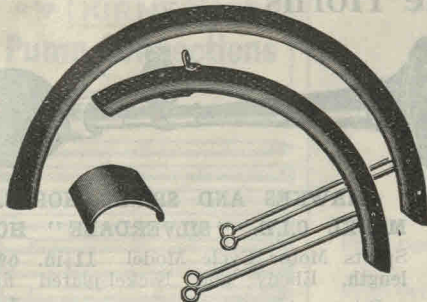
Price per dozen sets, in gross set lots ... **5/11**

Price per dozen pairs ... **12/6**

Price per dozen sets ... **6/-**

Price per pair ... **1/1**

Ladies', 1/4 per dozen sets ext

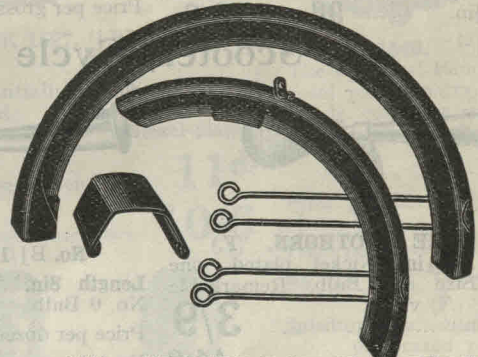


## No. CV/6768. "CLIMAX" RACING MUDGUARDS.

Featherweight, designed specially for Racing Machines, 1 3/4in. wide. Complete as illustrated.

Enamelled Aluminium Steel.

Price per set **9d. 1/5**  
Price per doz. **8/4 15/3**



## No. CU/752. "COVENTRY" SET, with Extension Fronts.

For 26in. or 28in. Wheels.

A popular Pattern Mudguard fitted with Round Enamelled Rivetted-on Stays. Plain Dome Section. Medium Gauge. Superbly Enamelled and plated.

## No. CV/1579. "KIRMER" ALL-WEATHER SET.

With Side Valances in one piece. For 26 or 28in. Wheels. An exceptionally well made set, specially suitable for hard Winter Riding. The strongest heavy gauge one-piece valanced Mudguard made. 2 1/2in. wide. Finished in excellent style. Plate Fixing.

Price per dozen sets, in gross set lots ... **5/10**

Price per dozen sets, in gross set lots ... **12/3**

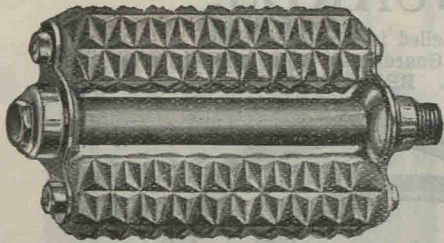
Price per dozen sets ... **5/11**

Price per dozen sets ... **12/6**

Ladies', 1/3 per dozen sets extra.

Price per pair ... **1/2**

# CYCLE PEDALS.



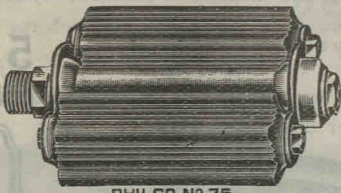
No. DE/304. "SUPERIOR" RUBBER PEDALS. (F.)

For high-grade Cycles. Lady's and Gent's sizes. Superior Diamond Pattern Rubbers. Fully guaranteed. Well-plated. Ladies' 3 1/2" Gent's 4".

Price per doz. prs. in 1 gross lots **12/11**  
 Price per doz. pairs ... **13/1**  
 Price per pair ... **1/2**

No. DF/413. Ebony Black Pedals, 1d. per pair extra.

## Phillips Pedals



PHILCO No. 75

	Price per pair.	Price per doz. pairs.
Full Rubber ...	1/5 1/2	17/4
Rat Trap Juvenile ...	1/1 1/2	13/6
Full Rubber, Juvenile ...	1/4 1/2	16/4 1/2

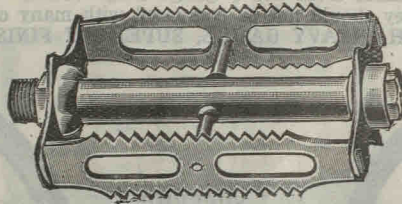
Phillips' All-Black Pedals at above prices.

## Pedal Spindles



Standard Sizes and Threads, nickel-plated, complete with Cones, Nuts and Washers.

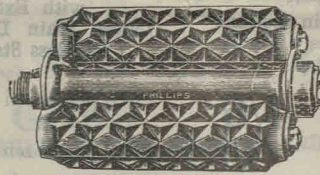
Reduced.	Price per pair.	Price per doz. pairs.
"Kirmer" 3 1/2 or 4in. ...	6d.	5/4
"Phillips" 3 1/2 or 4in. ...	6d.	5/9 1/2
4 1/2in. ...	7d.	6/9
4 3/4in. ...	9d.	8/8



No. DE/198. BRADFORD RAT TRAP PEDALS. (F.)

In durability and finish these Pedals are the equal of Pedals costing nearly three times as much money. Well plated. Finest Quality

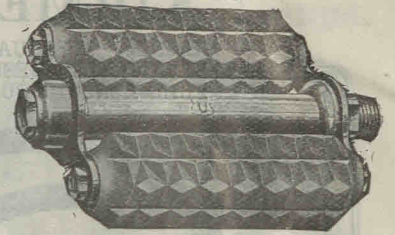
Price per doz. prs. in 1 gross pair lots **11/9**  
 Price per dozen pairs ... **11/11**  
 Price per pair ... **1/1**



CELTONIA No. 65

## CELTONIA.

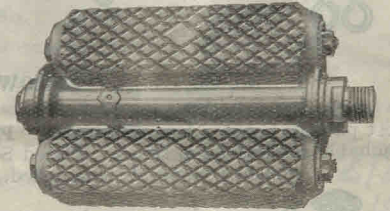
	Price per pair.	Price per doz. pairs.
Rat Trap, Gent's ...	1/2 1/2	14/5
Divided Rubber ...	1/9	20/8 1/2
Rat Trap, Carrier, 4 1/2in. ...	1/9	20/8 1/2
Full Rubber ...	1/7	18/9
Full Rubber, 4 1/2in. ...	1/9 1/2	21/2
Full Rubber, 4 3/4in. ...	1/10 1/2	22/2



"UNION" PEDALS. (F.)

Manufactured under the most up-to-date methods, of the best possible materials. High-grade, Selected Quality throughout.

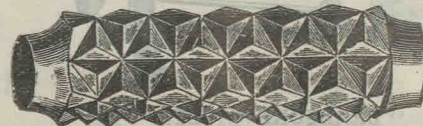
	Rat Trap.	Rubber.
Price per pair	1/1	1/2
Price per dozen pairs	12/6	13/9



## BRAMPTON'S.

	Price per pair.	Chromium or Black.	Nickel.
Rat Trap. 3 3/4in. ...	1/7	1/7 1/2	1/7 1/2
4in. ...	1/7 1/2	1/7 1/2	1/7 1/2
Single Rubber. 3 1/2in. ...	1/9	1/10	1/10
3 3/4in. ...	1/9	1/10	1/10
4in. ...	1/9	1/10	1/10
4 1/2in. ...	2/4 1/2	2/4 1/2	2/4 1/2
Racing Pedals. 4 3/4in. Solid Centre ...	4/2 1/2	4/5	4/5
4 3/4in. Tubular Centre ...	2/0 1/2	2/2	2/2

## Pedal Rubbers



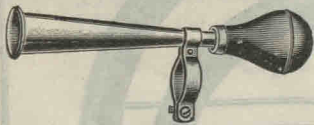
No. DG/1499. THE ATLANTA. Grey. Fluted Pattern.

Sets of 4. Lady's or Gent's sizes.  
 Price per dozen sets of 4 ... **3/3**  
 Price per gross sets of 4 ... **38/6**

No. DG/1498. DIAMOND PATTERN PEDAL RUBBERS. (Grey). (F.)

High-grade. Reliable Quality. Sets of 4. Lady's or Gent's standard sizes.  
 Price per dozen sets of 4 ... **3/5**  
 Price per gross sets of 4 ... **40/3**

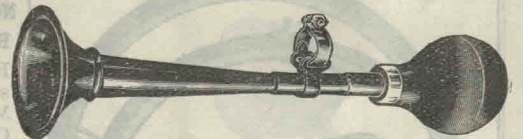
## Scooter, Cycle and Motor Cycle Horns



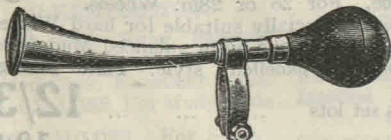
No. BJ/7. THE SCOTHORN. (F.)  
 Length 7 1/2in. x 1 1/8in. Nickel plated, one screw clip. Size 00 Bulb. Remarkable value.  
 Price per dozen ... **3/9**  
 Price per gross ... **44/6**



No. BJ/1. "KEMHORN." (F.)  
 Length 8in. Nickel plated. 2 screw clip. No. 0 Bulb. Beats all Competitors.  
 Price per dozen ... **5/3**  
 Price per gross ... **62/6**



HAWKES AND SPINKS HORNS.  
 MODEL C.I.B. "SILVERDALE" HORN.  
 Sports Motor Cycle Model. 11 1/2in. overall length. Ebony and Nickel-plated finish.  
 Price each ... **1/9**



No. BJ/979. "KLEERSOUND."

No. BJ/979. "KLEERSOUND." (F.)  
 TRICYCLE OR SCOOTER HORN.  
 Length 8in. x 1 1/2in. Nickel plated. Fitted with substantial clip. Excellent value.  
 Price each ... **7d.**  
 Price per dozen ... **6/9**

MODEL C.I.J. "SILVERDALE" HORN.  
 Sports Motor Cycle Model. Very powerful. Neat design. 12 1/2in. overall length.  
 Price each, Ebony and Nickel-plated finish ... **3/2 1/2**  
 Price each, Chromium plated ... **3/8 1/2**

# CYCLE PUMPS.

Made from Solid Heavy Gauge Seamless Tubing.

There are imitations deceptively similar in outward appearance to our Pumps, but bitterly lacking in the essential quality (that of service) which is the feature of our Pumps. Telescopic handles. Best Silk Braided Push-in Connections. Seamless Barrels of heavy gauge. Full lengths. Polished and Plated or Ebonized finish.

LOWER PRICES. HIGHER QUALITY. FINEST VALUE OFFERED IN THE TRADE.



## No. DI/736. "WESTING" STEEL CYCLE PUMPS. (F.)

Seamless Plungers. Braided Spring-in Connections.

Full Section. Heavy Gauge. Although offered as 15 x 3/4 in. barrels actually measure nearly 1 in. diameter. Wonderful Value. Ebonized Finish.

15 x 3/4 in.	Price per dozen in gross lots	...	...	...	<b>7/2</b>
Price per dozen	...	...	...	...	<b>7/3</b>
Nickel-plated finish, 3d. per dozen extra.					

## No. DI/1854. "KEMRO" STEEL CYCLE PUMPS. (F.)

Heavy gauge, handsomely polished and finished, fitted with best braided Pump Connections and Seamless Plungers. Nickel-plated or Oxidized Finish.

15 x 3/4 in.	...	...	...	Per doz.	<b>8/-</b>	Per doz.	<b>7/11</b>
16 x 3/4 in.	...	...	...	in gross lots.	<b>8/2</b>		<b>8/1</b>



## No. DG/7643. "VALEX" CELLULOID PUMPS. (F.)

High-grade, best Black Celluloid, Seamless Brass Tubing, Braided Connections. An excellent line. Wonderful value.

		Per doz.	Per doz.
		in 1 gro. lots.	
15 x 3/4 in.	...	<b>8/6</b>	<b>8/4</b>
15 x 7/8 in.	...	<b>9/9</b>	<b>9/6</b>

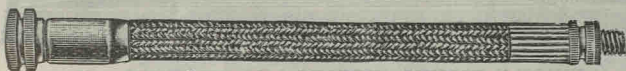


## No. DI/154. "MARION" ALL BRASS CYCLE PUMPS. (F.)

In Nickel-plated or Ebonized Finish.

All Heavy Gauge Brass, complete with best braided Connections, full length and heavy gauge. Note the lower prices. Seamless Brass Plungers.

		Per doz.	in 1 gross lots.
15 x 3/4 in.	...	<b>8/9</b>	<b>8/8</b>
15 x 7/8 in.	...	<b>9/4</b>	<b>9/3</b>
18 x 3/4 in.	...	<b>9/11</b>	<b>9/9</b>



## Pump Connections.

### No. DK/447. "GRAMPIAN" BRAIDED PUMP CONNECTIONS. (F.)

Our Leading Line. The instant Spring-hold Green Silk Braided Connection. Perfect Grip and high-grade. Reliable, safe and Air-tight. Wonderful Value.

	Full 6in.	8in. length
Price per dozen	<b>1/3</b>	<b>1/6</b>
Price per gross	<b>14/3</b>	<b>17/-</b>

### CARDED CONNECTIONS.

#### No. DL/781. (F.)

5in. Overall.

Price per card of 12	<b>1/3</b>
Price per doz. cards of 12	<b>14/6</b>

#### No. DK/1. (F.)

6in. lengths.

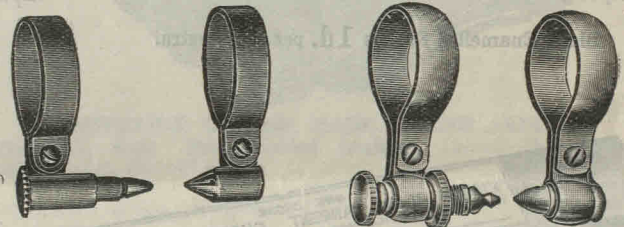
Price per card of 12	<b>1/5</b>
Price per dozen cards	<b>16/6</b>

#### No. DK/74. (F.)

8in. length. Reinforced.

Price per card of 12	<b>1/8</b>
Price per 12 cards	<b>19/6</b>

## Pump Clips.



### No. DK/1527. "BRADFORD." (F.)

Substantially made and well finished. An excellent selling line. Nickel-plated.

Price per dozen pairs	<b>11d.</b>
Price per gross pairs	<b>10/6</b>

### No. DK/1540. "ELITE." (F.)

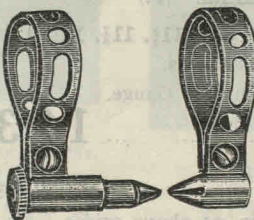
The very best Pump Clips made. Solid plated parts, extra strong bands, complete with Adjusting Nut. Nickel-plated or Ebony finish Domed Bands

Price per doz. pairs	<b>2/3</b>
Price per gross pairs	<b>26/6</b>

### No. DK/1528. "STRATFORD." (F.)

Substantially made. Latest perforated pattern. Black Finish.

Price per dozen pairs	<b>1/-</b>
Price per gross pairs	<b>11/4</b>



### No. DK/1528. "STRATFORD." (F.)

Nickel-plated 2d. per doz. pairs extra.

Air-Tight **KIRMER** Air-Tight

**Pump Connections**

Price each.

The only Satisfactory Pump Connection.

NO LEAK AT JOINTS.

THE KIRMER IS GUARANTEED SATISFACTION

# KIRMER-ARROW CYCLE RIMS.

"KIRMER" CYCLE RIMS are made of heavy gauge steel, perfectly true and are superbly plated and finished with Black Centres, and are Blacked Inside to prevent Rust. They are wonderfully Rust Resisting and nowhere can you purchase greater dependability, greater freedom from annoyance, and more substantial and durable finish.

Stock Sizes—24×1 $\frac{3}{8}$ in., 26×1 $\frac{3}{8}$ in., 26×1 $\frac{1}{2}$ in., 28×1 $\frac{3}{8}$ in. Westwood Section and 28×1 $\frac{1}{2}$ in. Wedgwood Section.

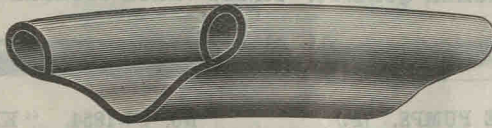
## "KIRMER" NICKEL PLATED CYCLE RIMS. (F.)

Black Centred, Blacked Inside.

Westwood or Wedgwood Section. High-grade.

Reduced price per pair in 100 pair lots ... .. **2/9**  
 Price per pair in 12 pair lots ... .. **2/9 $\frac{1}{2}$**   
 Single Pairs **2/10**

CHROMIUM PLATED **1/-** per pair extra.  
 Lined in Colours **3 $\frac{1}{2}$ d.** per pair extra.



## "KIRMER" BLACK ENAMELLED CYCLE RIMS. (British Made).

Superbly finished, Stove Enamelled Black.  
 Westwood, 26×1 $\frac{1}{2}$ , 28×1 $\frac{1}{2}$ .

Price per pair in 12 pair lots ... .. **2/6**  
 Single pair lots ... .. **2/7**  
 Wedgwood Section **3d.** per pair extra.

## BRITISH MADE CYCLE RIMS.

Superior Quality and Finish.

	Per pair.	Per pair in dozen pairs.
Nickel-plated ... ..	<b>2/10</b>	<b>2/9<math>\frac{1}{2}</math></b>
Chromium-plated ... ..	<b>3/9</b>	<b>3/8<math>\frac{1}{2}</math></b>

## DUNLOP CYCLE RIMS.

Nickel-plated ... ..	<b>3/1<math>\frac{1}{2}</math></b> per pair.
Chromium ... ..	<b>4/3</b> "

EXTRAS—Black or Green Centres, **3d.**  
 Centred and Lined, **6d.**

# SPOKES AND NIPPLES.

DEPENDABLE, SUBSTANTIAL AND DURABLE FINISH AT LOW COST.  
 QUALITY CONSIDERED OUR PRICES ARE THE CHEAPEST IN THE TRADE.



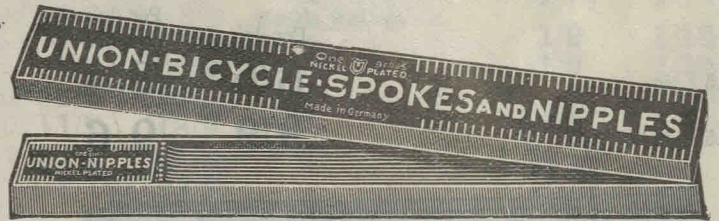
## No. DN/1474. "KIRMER" RUSTLESS SPOKES & NIPPLES. (F.)

Put up in 1 gross Packets.

Each package contains 1 gross of Spokes and 1 gross best Plated Nipples. The Spokes and Nipples are threaded and are all ready for Wheel Building. For 26 or 28in. wheels. 15 gauge.

Price per dozen gross and upwards ... .. **13/3**  
 Price per gross ... .. **1/2**

Black Enamelled Spokes **1d.** per gross extra.

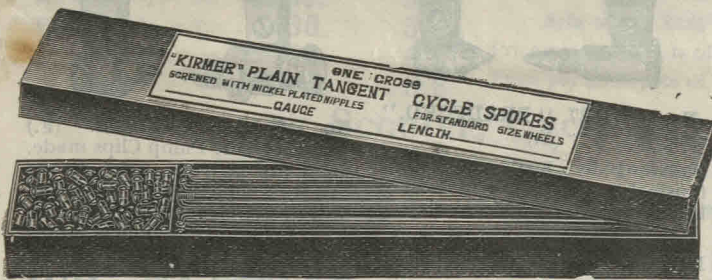


## "UNION" SPOKES, NIPPLES AND WASHERS. (F.)

In 1 gross Cardboard Boxes.

Leading in quality and finish. Well known everywhere.  
 In "Union" Cardboard Boxes, complete with Washers.

No. 1511. Rustless or Plated ... .. **1/3** per box.  
 No. 1513. Black Enamelled ... .. **1/4** per box.



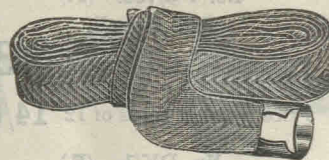
## No. DN/1478. "KIRMER" RUSTLESS SPOKES & NIPPLES, COMPLETE WITH WASHERS. (F.)

Packed in Cardboard Boxes. Lengths, 11 $\frac{1}{8}$ , 11 $\frac{1}{4}$ , 11 $\frac{3}{8}$ , 11 $\frac{7}{8}$ , 12 $\frac{1}{8}$ , 12 $\frac{1}{4}$ " for all standard 26 and 28in. Wheels.  
 Roller Thread. Superior Finish. 15 Gauge.

Reduced price dozen gross and upwards ... .. **14/3**  
 Price per gross ... .. **1/2 $\frac{1}{2}$**

Nickel-plated in sizes 11 $\frac{1}{8}$  and 12 $\frac{1}{8}$ in. at above prices.  
 Black Enamelled, 11 $\frac{1}{8}$  and 12 $\frac{1}{8}$ in., **1d.** per gross extra.

## Rim Tapes.



## No. DM/1542. "ATLANTA."

Flat. Complete with adjusting Buckles. Best quality Webbing. Correct Width.

Reduced price per doz., complete ... .. **9d.**  
 Per gross complete... .. **8/6**  
 Per gro. in 5 gro. lots **8/3**

## Cycle Rim Washers.



## No. DM/1569. "KIRMER."

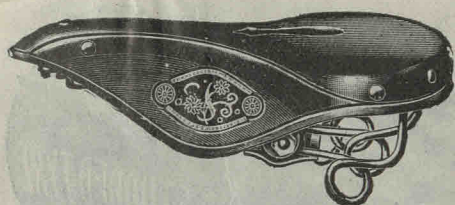
Bright Special Steel, for Westwood or Wedgwood Rims.  
 Price per 5 gro. packet **4d.**  
 Price per 25 gro. packet **1/3**  
 Price per 100 gro. packet **4/9**

## No. DM/1544. CIRCULAR SECTION RIM TAPES.

Endless. Best for Wood Rims.  
 Price per dozen ... .. **1/8**  
 Price per gross ... .. **18/11**

# CYCLE SADDLES. Wonderful Value.

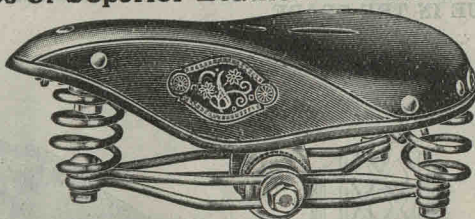
A line of Saddles in Full Sizes of Superior Leather. Built for Comfort Built for Wear.



**No. S55. GENT'S LIGHT ROADSTER MODEL. (F.)**

Full Size. Selected Leather. Enamelled Springs. Outstanding Value.

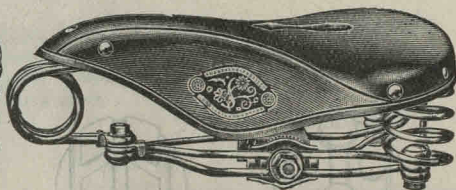
Price each in 100 lots ... **1/9**  
 Price each in dozen lots ... **1/9½**  
 Singles, ½d. each extra.



**No. S773. GENT'S FULL ROADSTER. (F.)**

3 Coil. Full Size. Selected Leather. Enamelled Springs. Latest Clip. Thoroughly dependable and excellent value.

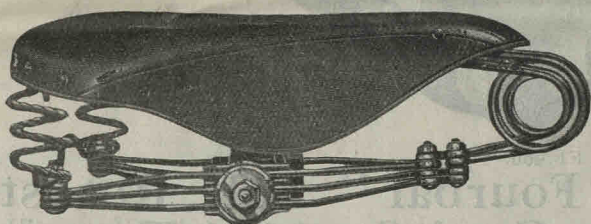
Price each in 100 lots ... **1/10**  
 Price each in dozen lots ... **1/10½**  
 Singles, ½d. each extra.



**No. S99. GENT'S FULL ROADSTER HAMMOCK SADDLE. (F.)**

Full Size. Selected Leather. Double Wire Base. Enamelled Springs with Scroll Front.

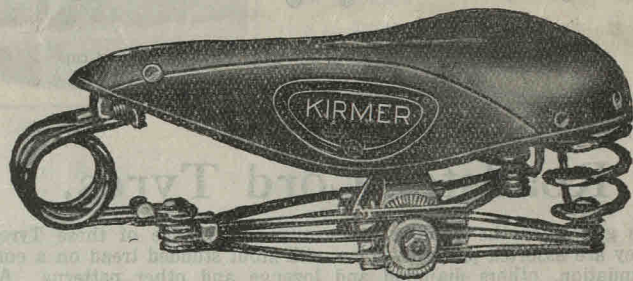
Price each in 100 lots ... **1/11½**  
 Price each in dozen lots ... **2/-**  
 Singles, ½d. each extra.



**No. 51. GENT'S FULL ROADSTER SADDLE. (F.)**

An entirely New Model. Superior finish. Size 11¼×9in. Solid Leather. 6 Wire Base. Double Scroll Front. Stranded Back Coils. Nutted Frame.

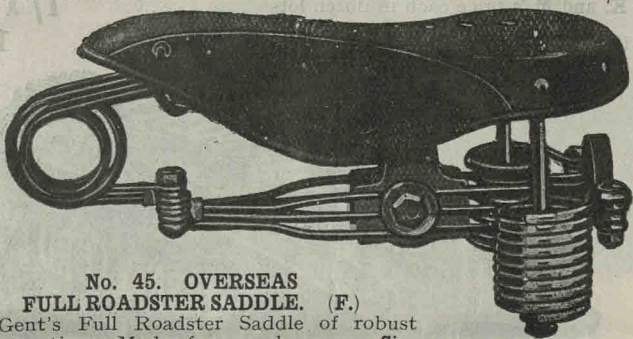
Price each in 1 dozen lots ... **3/3½**  
 Price each... **3/4**



**No. 34. GENT'S FULL ROADSTER SADDLE. (F.)**

A distinctly high-grade and well finished Saddle. Large Size. 10¼×8½in. Selected Leather. Triple Wire Base. Plain Rear Spring Coils. Double Scroll Front Springs.

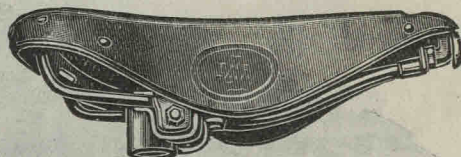
Price each in dozen lots ... **2/7**  
 Price each ... **2/8**



**No. 45. OVERSEAS FULL ROADSTER SADDLE. (F.)**

A Gent's Full Roadster Saddle of robust construction. Made for rough wear. Size 11¼×9¼in. Wonderful value. Heavy weight, as illustrated. Cylindrical draw springs.

Reduced price each in 1 dozen lots ... **3/11**  
 Price each ... **4/-**

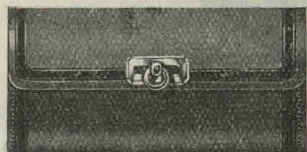


**SUPERIOR BRITISH MADE RACING SADDLES.**

Size 11¼×6½in. Best Selected Leather. Latest Design. High-grade finish throughout.

Price each in lots of 1 dozen ... **2/7**  
 Price each... **2/8**  
 Double Wire, 2/- per dozen extra.

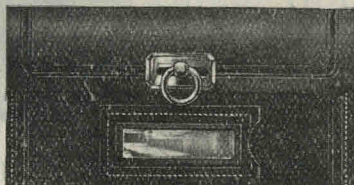
## TOOL BAGS.



**No. DW/1379. "EASYPACK." (F.)**

A distinctive Bag. Size 6×3×1in. Ring Lock. Block Ends. Cowhide Leather throughout.

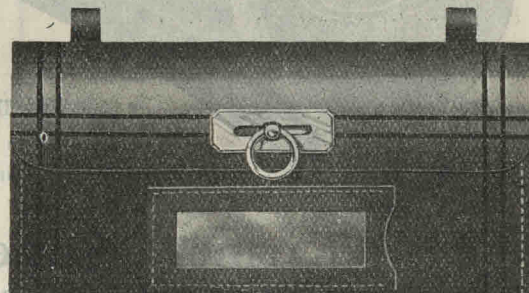
Price per dozen ... **6/8**  
 Price per gross ... **79/6**



**No. DW/1593. "KIT." (F.)**

Best Cowhide Leather. Block Sides. 6×1¼×3¼in. Bag. Address Panel. Ring Lock.

Price per dozen ... **8/3**  
 Price per gross ... **98/6**



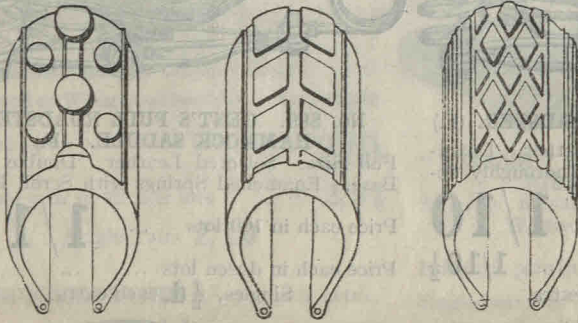
**No. DW/177. "HOLDALL." (F.)**

A High-grade, Roomy Bag. Best Leather. Size 7×1¼×3¼in. Address Panel. Ring Lock. Block Ends. Wonderful Value.

Price per dozen ... **9/9**  
 Price per gross ... **116/4**

# "KIRMER" CORD CYCLE TYRES.

"KIRMER" TYRES are built for efficiency and service—and give both. They are scientifically manufactured and no other material but the very best is used. **STAND UNIQUE IN THE TRADE.** FULLY GUARANTEED.



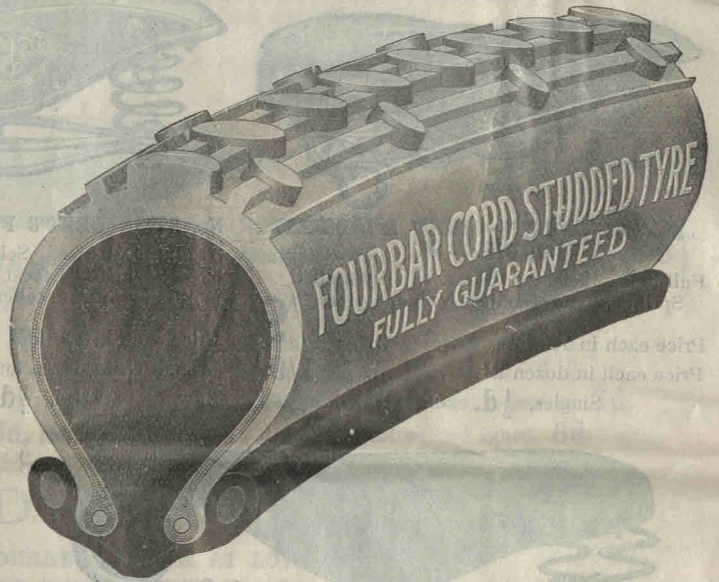
Manufactured in 26 x 1 3/8, 26 x 1 1/2, 28 x 1 1/2, wired-on and 28 x 1 1/2, Beaded

No. DZ/2061.

## Roadster Cord Tyres. (F.)

We guarantee the quality, uniformity and service of these Tyres. They are assorted patterns, some with stout studded tread on a cord foundation, others diamond and lozenge and other patterns. All clean and attractive Covers of outstanding value. They are unquestionably the best Tyres on the market, at a popular price. New dark grey rubber.

K. and M.'s price each in lots of 100 covers and upwards **1/7**  
 Price each in 1 dozen lots and upwards ... .. **1/7 1/2**  
 Single Covers 1/2 d. each extra.  
 Beaded Edge Covers 7d. each extra.



No. EF/460.

## "Fourbar" Full Roadster Cord Studded Tyre. (F.)

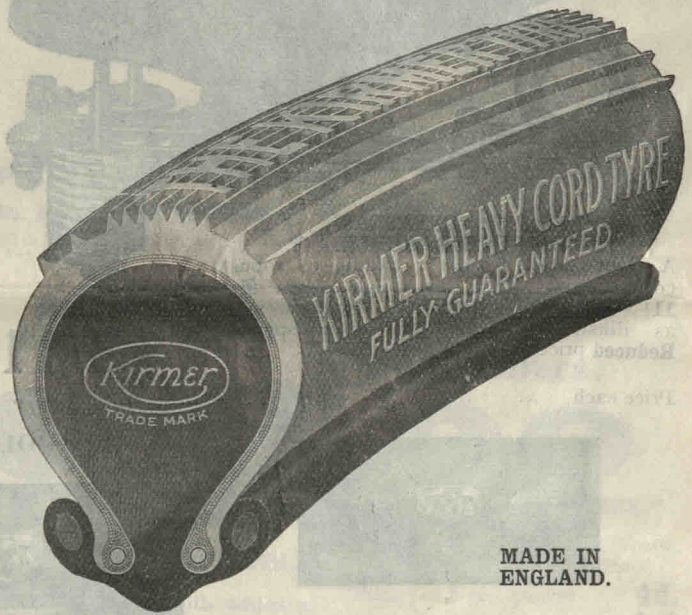
"FOURBAR" Cord Tyres have become famous with a great number of our customers, because of their consistent good quality and their most modest price. The new Studded "FOURBAR", Cord Tyres have individuality and selling features found in no other Tyres. They give excellent mileage and have wonderful stamina and strength.

K. and M.'s price each in dozen lots ... .. **1/10 1/2**  
 Price each ... .. **1/11**



MADE IN ENGLAND.

Manufactured in 26 x 1 3/8 in., 26 x 1 1/2 in and 28 x 1 1/2 in., Wired Edge.



MADE IN ENGLAND.

## No. EG/3571. "Kirmer" Super Cord Studded Full Roadster Tyre.

Made under latest Hydraulic Process, in the most modern and complete Tyre manufactory extant. We specially recommend them as the most reliable British made satisfaction giving and profit making Tyres in the Trade.

**GUARANTEED 12 MONTHS. BRITISH MADE.**

K. and M.'s price each **2/2** Price in dozen lots **25/6** 22

## "Kirmer" Heavy Roadster Cord Tyre.

This is the very best Tyre we offer—one there is no need to pay a higher price for—a good dependable all British Tyre. Made under latest Doughty Hydraulic Process. Special Reinforced Rubber Tread. **GUARANTEED 13 MONTHS. BRITISH MADE.**

K. and M.'s price each **2/3 1/2** Price in dozen lots **27/-**

Manufactured in 28 x 1 1/2 in. Wired Edge only.

# "KIRMER" Superior All-British Inner Tubes.

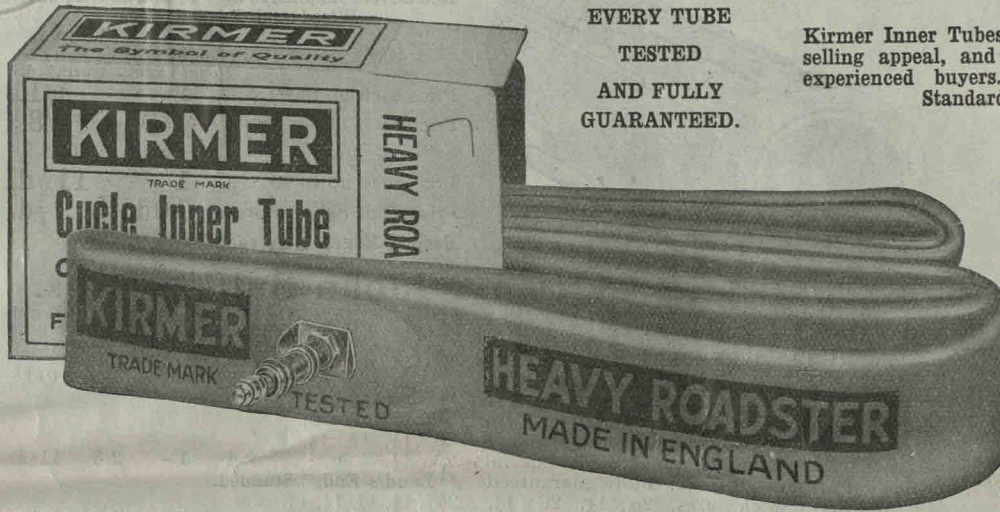
FULLY GUARANTEED.

QUALITY MAINTAINED.

EVERY TUBE  
TESTED  
AND FULLY  
GUARANTEED.

Kirmer Inner Tubes have a distinctive selling appeal, and are the choice of experienced buyers. Stocked in all Standard Sizes.

ABSOLUTE  
SATISFACTION  
ASSURED.



No. CD/122.

## Kirmer "A" Tube.

Guaranteed 12 months. British Made. Fully Guaranteed.

Price per dozen in 100 lots and upwards ... **8/2**  
Price in dozen lots and upwards **8/4**  
Single Tubes **9d.** each.

No. CN/125.

## Kirmer "Special" Pure Red Tube.

Specially Suitable for hot climates. Guaranteed 12 months.

Price per dozen in 100 lots and upwards ... **9/3**  
Price per dozen in dozen lots and upwards **9/6**  
Single Tubes **10d.** each.

No. CD/124.

## Kirmer "Heavy" Roadster Tube.

Full 8oz. weight. Suitable for heavy wear. Guaranteed 13 months.

Price per dozen in 100 lots and upwards ... **11/9**  
Price per doz. in doz. lots and upwards **11/11**  
Single Tubes **1/0 1/2** each.

No. CD/123.

## Kirmer Special "Heavy" Red Tube

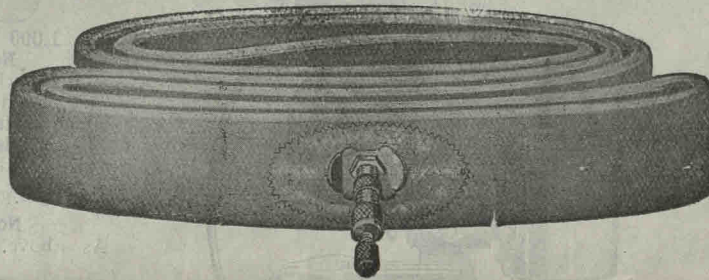
Full 8oz. Heavy Tube, in great demand.

Price per dozen in 100 lots and upwards ... **12/11**  
Price per dozen in dozen lots and upwards **13/2**  
Single Tubes **1/2** each.

UNBOXED.

IF BOXED, as illustrated in two colours, Lithoed,  $\frac{1}{2}$ d. per Tube extra.

If "Atlanta" Tubes are required boxed,  $\frac{1}{2}$ d. per Tube extra is charged.



FULLY  
GUARANTEED.

SUPERIOR  
QUALITY.

# "ATLANTA" INNER TUBES.

No. BZ/221.

F.

## "Atlanta" Grey Tube Full Weight.

Reliable quality at a keen price. Dependable. Fully Guaranteed. (Foreign).

Price per dozen in 1 gross lots and upwards ... **7/6**  
Price per dozen ... **7/7**  
Single Tubes  $\frac{1}{2}$ d. each extra.

No. BZ/224.

## "Atlanta" Red Tube F.

A leading export line. Full width. Full weight. Fully Guaranteed. (Foreign).

Price per dozen in 1 gross lots and upwards ... **8/9**  
Price per dozen ... **8/10**  
Single Tubes  $\frac{1}{2}$ d. each extra.

No. CE/1273.

## "Atlanta" Pure Para Amber Inner Tubes. F.

Distinctly high-grade. Thoroughly reliable. Made of Pure Para Finest Translucent quality. Weight  $6\frac{3}{4}$ oz. (Foreign).

K. and M.'s price in doz. lots and upwards **11/9**  
Singles  $\frac{1}{2}$ d. each extra.

No. BZ/227.

## "Atlanta" Superior Heavy Grey Tube. F.

Heavy Weight. Maximum Service. Fully Guaranteed. (Foreign).

Price per dozen in 1 gross lots and upwards ... **9/11**  
Price per dozen ... **10/-**  
Single Tubes  $\frac{1}{2}$ d. each extra.

No. BZ/229.

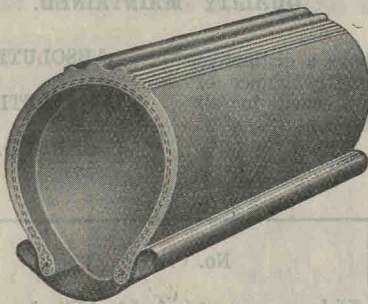
## "Atlanta" Superior Heavy Red Tube. F.

Specially suitable for Tropical use. Heavy weight (Foreign).

Fully Guaranteed.  
Price per dozen in 1 gross lots and upwards ... **10/6**  
Price per dozen ... **10/7**  
Single Tubes  $\frac{1}{2}$ d. each extra.



# "KIRMER" TYRES.



No. EH/217. "KIRMER CORD RED SPEED CYCLE TYRE. (F.)

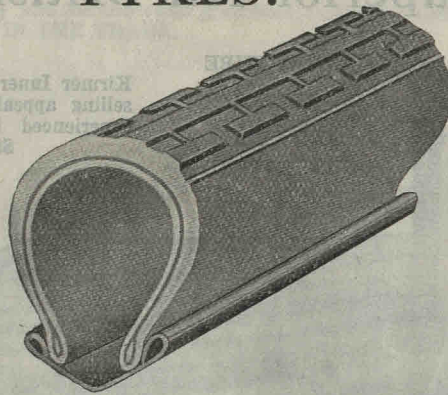
This high-grade improved Cord Tyre for 1932 is specially offered by us to meet the ever growing demand for a thoroughly reliable and rapid Red Speed Tyre for road work. We have every confidence in recommending this Tyre. It has been put to severe tests and has stood up well under all conditions. Wonderfully flexible and resilient.

Guaranteed 12 Months.

Supplied in 26 x 1 1/4 in. and 26 x 1 3/8 in., wired-on only.

Price in 1 dozen lots and upwards **1/8 1/2**

Single Covers 1/2 d. each extra.



No. EF10. "PNEULASTIC." (F.)

## TRANSLUCENT CORD ROADSTER TYRE.

This new pattern Translucent Roadster Tyre is a real shock absorbing Tyre of great elasticity and distinctive quality. Wonderful value. Pure Para Rubber. Fully guaranteed 12 months. Stock sizes, 26 x 1 1/4, 26 x 1 3/8, 26 x 1 1/2 and 28 x 1 1/4 in. Wired on. The choice of the discriminating buyer.

Price each in dozen lots ...

Price each ...

**3/7**  
**3/8**

# "Cruiser" Tyres.

Grey Covers supplied in all Standard Sizes. Red Covers supplied in 26 x 1 1/4 and 26 x 1 3/8 only. Wired and Beaded Edge.

	Covers Subject to 3 1/4% for Cash.	Covers. Nett Cash with order
Price each up to 99 ...	2/-	1/11
Price each 100 or more	1/9	1/8 1/4
	Tubes.	Tubes.
Price each up to 99 ...	1/-	11 1/2 d.
Price each 100 or more	10d.	9 3/4 d.

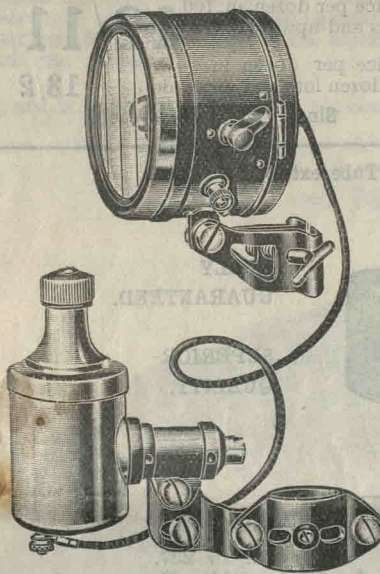
Beaded Edge, 8d. each extra.

# "John Bull" Tyres.

The following prices are subject to 3 1/4% discount for spot cash COVERS. NETT CASH with order prices. COVERS. Wired-on TUBES. Wired-on TUBES

	Lettered Tread,	28 x 1 1/4 W.O.	"Land's End," Studded.	"Speed," With broad side ribs.
26 x 1 1/4, 1 3/8, 1 1/2,	2/4	1/-	2/3	11 1/2 d.
28 x 1 1/4, 1 3/8, 1 1/2,	3/-	1/4	2/11	1/3 1/2
26 x 1 1/4, 1 3/8, 1 1/2,	4/-	1/8	3/10 1/2	1/7 1/2
28 x 1 1/4, 1 3/8, 1 1/2,				

## Dynamo Lighting Sets SPECIAL PURCHASE.

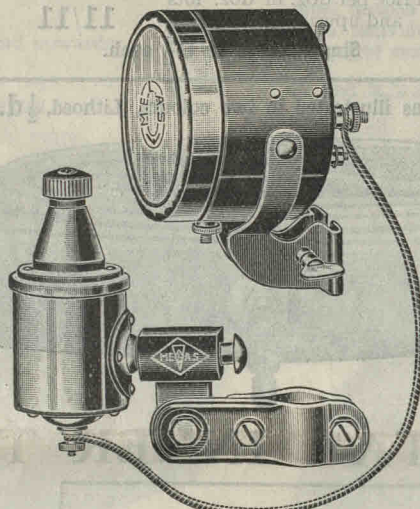


No. 61. "KIRMER" DYNAMO SET. (F.)

This Set has been thoroughly tested under all conditions, and so satisfied are we with the results that we guarantee the Set for one year from date of purchase. It is an efficient Set of outstanding quality and finish, and is offered at a strictly competitive price. We have every confidence in recommending this Set to our Clients. Provision is made in the Head Lamp for a 4 1/2 volt Battery. Finished in Ebony Black with CHROMIUM PLATED MOUNTS. Complete with Rear Light, 2 Bulbs and Cable.

Price per set ... **9/11**

Price per set in dozen set lots ... **9/9**



No. CIA/5. "MELAS" DYNAMO CYCLE LAMP SET. (F.)

A superior self-generating Cycle Set. Provision in the head lamp is made for a 4 1/2 volt battery, to enable lamp to be kept alight by merely switching on when cycle is stationary. Finish Black Ebony. Chromium Mounts. Complete with Rear Light and Bulbs. With 2 Pole Dynamo.

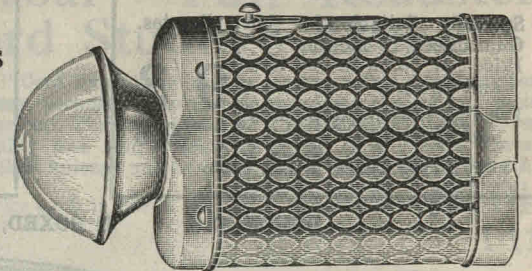
Price per set ... **9/6**

Price per set in dozen set lots ... **9/4**

### "MELAS" 4 POLE DYNAMO SET.

Superior Light. Chromium Plated Mounts

Price per set ... **11/8**  
Price per set in dozen set lots ... **11/6**



### 1,000 DOZEN SPECIAL OFFER.

No. CJ/403. "ZARAY." (F.)

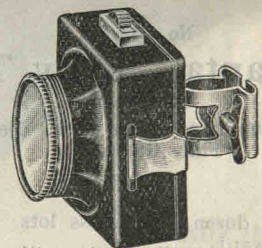
A distinctly high-grade case, finely polished and plated, hinged top and bottom. Crystal finish metal body, fitted with safety switch. Bulls Eye Dome Lens 2in.

Price per dozen ... **5/2**  
Price per gross ... **60/6**

No. CJ/357. "ZADAM." (F.)

As above. But with 1 1/2 in. Bulls Eye Dome Lens.

Price per dozen ... **4/2**  
Price per gross ... **48/6**



No. 12. NEW ELECRAY. (F.)

A new introduction of a superior Lamp at an astonishingly low price. Ebony Black, Nickel Plated Mounts. Slide Switch. Improved permanent contact suitable for standard Flash Lamp Batteries. Wonderful value.

Price each ... **9d.**

Price per dozen ... **8/3**

ALL GOODS OFFERED IN THIS CATALOGUE MARKED (F) ARE OF FOREIGN MANUFACTURE