

# BIKE-RIDERS 'AIDS'



1967-8

1/-

## BIKE RIDERS AIDS 1967-8

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Wholesale distributors of lightweight cycles,  
accessories and clothing to the retail trade.

All enquiries and orders must be made through

**YOUR LOCAL AGENT**

## BIKE RIDERS AIDS 1967-8

The latest edition of this popular annual handbook. A pocket-sized comprehensive guide to all the best equipment, clothing and accessories, both British and Continental.

*Constant surveillance of the Continental market and close co-operation with leading European manufacturers including regular visits to the Milan and Paris shows enable the importation of the latest developments from such world-famous names as—*

**Campagnolo Regina Fiamme Universal  
D'Alessandro Kowalit Clement  
Cinelli Il Primo Lyofard Crodoni**

**READ CAREFULLY—**

**BEFORE ORDERING.**

**Details, Sizes, Prices—are all in Aids.**

**(Prices subject to alteration without notice.)**

## CAPESETS AND RAINWEAR

### CYK-QUEL CAPE

A very strong plastic cape with welded seams for complete waterproofing. The "Box" design with full width shoulders gives even greater freedom. A full width ventilated yoke with cellular insert ensures that shoulders are kept free from condensation. The neck is protected by extra strong zip with protective flap and button fastening above. Waist tapes are fixed to extensions welded into side seams to prevent cape billowing in blustery conditions. Bronze only. 45" ... .. 27/11

**QUELDA-LUXE.** Made from a light cotton material impregnated with P.V.C. for complete waterproofing and strength, the result is a comparatively light weight cape which will withstand the most rigorous usage. Side seams are covered with a narrow plastic strip welded into position so that not a drop of water can penetrate the stitching. A full width ventilated yoke across the back protects the shoulders from condensation and the neck opening is closed by a diagonally set zip under a protective flap. Size: 45" front with full shoulders and wide hem allowing more room than average.

Black or Bronze ... .. 47/11

### QUELDA-LUXE SPATS

In P.V.C. material as above, designed as The Popular Quelspats. Front and rear seams plastic covered. Elastic strap underfoot, and under knee, press stud fastening.

Black or Bronze 16"  
Longer Leg 18" ... .. 15/-

### QUELDA CAPE

The popular Worthy plastic cape is really tough and nearly untearable. All seams are welded with no stitching to allow leakages. The diagonally fitted zip has a pull-tag and is covered to stop any seepage. The special full cut, wide shoulders and ventilated back guard against condensation.

Gold or Black. Size 45" only ... .. 24/11



### SPECIAL JUNIOR CAPE

In a lighter plastic, fully welded with press-stud fastened neck opening. Matt Gold, 39" front only ... 20/-

### QUELDA SOUTHWESTER

In light plastic Gold or Black to complete Quelda outfit. Practical if not elegant. Sizes 6½" and 7" ... 5/3

### QUEL-SPATS

Press-stud fastened around calf, elastic underknee. Welded reinforcements.

Black or Gold Std., 16" Longer Leg, 18" ... 11/6

### QUEL-PLAS CAPE

A well cut design in tough matt finish plastic with a completely waterproof gusset type neck fastened with a specially moulded button. Thumb and waist loops are provided. Packed in a carrying envelope.

42" for the smaller rider (smaller skirt, etc.).

Gold only 22/6

45" with ample skirt and shoulder width. Gold only 23/6

48" front, measurements sized up to suit. Gold only 24/6

### QUEL-PLAS LEGGINGS

In matt Gold to match cape. (Shaped into the ankle.)

Side straps have two button holes. Tough strap fits beneath instep. Gold ... .. 12/11

### QUEL-PLAS OVERKNEE SPATS

Covering the front of the leg from a slide-in toe piece to well over the knee, these spats offer protection from the bulk of wet thrown up when riding.

Gold only ... .. 12/6

### QUEL-PLAS CYCLE COVER

Natural plastic cover that will protect all of the cycle from the elements. Reinforced eyelets for securing

32/6

### QUEL-PLAS RACING JACKET

Shaped like a button-through shirt in transparent plastic with short tail at the rear, elastic at wrists, plastic buttons and draw cord at waist. Ideal for racing, training, 'soft' weather generally or when too windy for a cape ... .. 18/11

**NYLON SADDLE COVER.** Keep your saddle dry—soaking does more harm than riding. Gold ... 1/11

**PLAS-STICK REPAIR OUTFITS.** Handy tube of solution and transparent patching for small tears in plastic 1/3

## CRASH HATS



### CASQUE VIGORELLI

A deep-crowned Italian crash hat with sturdy protection at front and rear, cross members and ear straps are also padded. Stylish and comfortable to wear, medium weight. Sizes 54-60 mm. (57 approx. 61") Softly lined in good leather.

Black ... .. 48/11

### CASQUE FAUSTO

Italian pursuit or massed start lightweight crash hat. Chromed leather covers flat sectioned rubber bars giving full protection. A thin cross strap allows hat to be folded away during a road race. Adjustable chin strap with wide buckle. Metric sizes 54-60.

Black ... .. 29/9



**N.B.** *B.C.F. regulations now require that crash hats be worn during all forms of Circuit Racing.*

### GLASSES (Protective)

**ONE PIECE.** With strong pliable black plastic frame. The deep plastic shield is tinted brown and extends round the side of the face giving complete protection. Safe and practical 8/-



### ITALIA

Deep modern shaped glasses that will protect your eyes from sun glare, flies and grit. Lenses with Grey/Green tint are set in a curved engraved frame with plastic reinforced bar across the bridge ... .. 7/6

## WORTHY GLOVES

### SHEEPSKIN/HIDE GLOVES

A well made glove with finger gussets and inset thumb in natural reversed sheepskin for maximum warmth. Palm, front of fingers and thumb are in a fleecy lined hide to take the wear. Short turn back cuff for smart finish.



Mens and Large ... .. 24/11

### SHEEPSKIN/HIDE MITT

A full bag mitt with back made from best quality skins, sectioned to give modern styling. Front of pouch and inset thumb in hard wearing hide, fleecy lined for comfort. Strong where needed but supple enough to allow easy use of brakes etc. Much warmer than gloves.

Mens size only ... .. 22/6



### WATERPROOF BACK GLOVE

Warm and practical, these are lined right up to the top of the elasticated wristband. Black leather palm. The backs are of Vinyl proofed leather-cloth that will keep out the wet and cold.

Small, Med. or Large 26/11



### HIDE MITT ELASTIC WRIST

In strong Tan hide with a warm lining running full length of mitt to top of the elasticated wrist band. Hard wearing and practical the close wrist fits under jersey or jacket cuff to keep out the cold drafts.

Small, Med., Large ... .. 19/11

## LIGHTWEIGHT GLOVES



### WORTHY LEATHER PALM

Close woven cotton, Black/White marl, with warm backing and ribbed wrist for warmth. Complete palm, front of fingers and side of index finger reinforced by supple Cream Leather for hard wear. Smart and practical, easily stowed away when not required. Three sizes ... 13/6

### WORTHY COTTON

As above, but without the Leather palm, etc. Surprisingly warm, in the heavier grade marl recommended for cycling. Three sizes ... 6/6

## WORTHY HOSE

### NORDIC

A tastefully coloured Bri-Nylon/Terylene stretch stocking with bold snowflake patterns in contrasting colours.

Fawn with Dark Brown and Lime.

Black with Saxe Blue and Lime.

Scarlet with Black and Off-white.

One size only ... 11/6



### DANSK

A boldly coloured 'stretch' stocking in crepe Nylon/Terylene which is very light to wear, easy to launder and does not fade. Knitted to a distinctive Danish pattern, of vertical ribs and wide cable stitch giving a close fit and unusually smart appearance.

Black with White or Black with Turquoise, Red with Black contrast. Navy with Saxe Blue. One size only 12/-



## CRODONI HOSE

### PRIMA

From 'Crodoni' are smart hose in Wool and Terylene. In striking colour combinations the very popular continental design, of Scandinavian motifs and horizontal bars, is shown to full advantage. So much pattern is woven into the hose that the only obvious base colour shows at the elasticated top. Choose from:—

Navy Base with Royal and White.

Black Base with Gold and White.

Scarlet Base with Black and White.

Sizes 10-11½ ... 12/11



### ALPINE

Currently smart wear in Italy, the latest Crodoni stocking has a striking modern appearance, bold but tasteful in design.

In a heavy grade of hard wearing wool/nylon mixture, ribbed for permanent close fit. Plain elasticated tops, in the base colour. Black with Gold or Navy with Grey contrast. Sizes 10-11½ ... 17/6

### WORTHY HOSE

#### HEAVY MARL

Extremely hard wearing wool in heavy gauge Marl mixture of Blue or Green. Longer than usual leg length, ribbed for close fit, with plain top. A really warm stocking.

Sizes 10-11½ ... 16/6

#### MEDICI HEAVYWEIGHT NYLON

Plain topped stretch hose in distinctive fancy rib knit. Light to wear, easy to wash. White, one size only 7/3

#### RICHELIEU COTTON

First long white hose to reach England, knitted from heavy cotton thread in a fancy ribbed pattern. Nylon spliced and really tough. Elasticated tops.

White only 9-11½ ... 7/6



## WORTHY CYCLING JACKETS



### CUMBERLAND

Heavily quilted jacket in Black silicone treated Nylon with close ribbed woollen cuffs. A shaped hood which turns with the head is hidden in a pocket beneath the collar, completely concealed but always ready for use. Two jetted pockets are set 'near vertical' in modern style and the silky finished lining carries an inside pocket. Full length zip fitted in a manner that allows for leg movement.

Sizes. Small, Med., Large (XL extra 11/-) ... 115/-

### SUTHERLAND

67% Terylene Dark Grey gabardine cut on the ever popular 'Combat' style with deep, button down, storm flap covering the open ended zip. Hip length, box pleated to the half belt at back giving adequate shoulder room. Buttons at cuff and hip adjuster. Two jetted pockets have concealed storm flaps. Deep collar may be buttoned over for maximum protection. Silky lining carries a deep passport size pocket. Medium weight, very smart, designed for riding.



Sizes. Small, Medium, Large, Extra Large ... 110/-

**PENNINE.** An extremely light jacket made in Briflon. Full length open ended zip. The four pockets, two zipped and two jetted, are slanted for ease of use. Ideal summer coat which may be hand washed. In Loden Green with light contrasting lining.

Sizes. Small, Medium, Large, Extra Large ... 90/-

**HOOD** For Pennine and Helvellyn, in same material as jackets, buttons beneath the collar ... 5/9



### NYLON ANORAK

Separate 'zip-on' hood.

In Dark Blue Nylon with unusually smart quilting formed by treble lines of stitching giving boldly spaced diamonds. Fully lined with storm cuffs and 'Courtelle' padding to keep out the wind.

Designed for riding with extra length in body and sleeves which are set in Raglan style. Separate hood zips into position behind the deep collar affording complete protection when closed by draw strings. Fitted with open ended zip, two outside and one inside pocket.

Sizes S, M, or L ... 105/-  
Extra Large ... 110/-

### DALESMAN

Washable Cotton.

A mid weight hip length jacket with an attractive sheen to the Light Bronze 100% washable cotton material. Cut on easy fitting lines with raglan sleeves for shoulder comfort when riding. The open ended zip stops short of the hem to allow unrestricted leg movement. Two deep pockets are conveniently placed on the slope for easy access and a large inside pocket is provided in the smart poplin lining. Buttoned tags at wrist and hip give adjustment in the modern military style. S, M, L, & XL ... 105/-



**HELVELLYN.** Made from 'wonder' Bri-Nylon fabric Briflon which is completely water and windproof, crease and stain resistant. In attractive shade of Loden Green. Fitted with deep inside pocket, two zipped breast and two open stroller pockets, side adjustment on hips and a robust open ended zip. Despite quilted lining and storm cuffs this jacket is very light and comfortable in use. S, M, L, (XL 115/-) ... 105/-

**CRODONI RACING SHOES  
ITALIAN MADE**

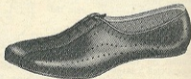


**"GIRO"  
ROAD  
SHOE**

A shoe with revolutionary ideas of comfort. Well spaced larger perforations in the upper are combined in the Continental fashion with eight holes in the sole. These holes serve a double purpose; in hot weather they keep the feet ideally cool, whilst in rain, when normal shoes become 'water-logged' they enable excess water to run out and avoid the discomfort of waterfilled shoes. The sturdy sole of the 'Giro' with its four-point steel support eliminates foot fatigue over the longer distances. (Hand made in metric sizes 38 m. to 48 m. State English size required and nearest half size. (e.g. 8, 8½ equal 43 m.)

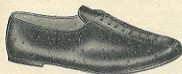
79/6

**"VELOCE"  
PURSUIT  
SHOE**



With its sweeping lines and slender waist, perforated upper and pliable sole, supported at the instep by a light steel support, will appeal to all riders who are seeking the lightest and coolest of shoes. The high front laces to an inch of the toe and the ankle is neatly trimmed. Designed as a purely racing shoe (not suitable for Club 'football' or Cyclo Cross), the light sole carries no heel. (Sizes as Giro) ... .. 67/-

**CRODONI SHOES**



**"CORSA"  
SHOES**

Since their introduction these have proved very popular. Hand built by some of the finest craftsmen in Italy. "Corsa" shoes have the obvious class of all Crodoni products. Shaped on the same lines as the "Veloce" these all black shoes have full chrome uppers and full length leather soles fitted with light heels. Close rolled edges and tiny lace holes give a really neat finish. No stiffener is fitted under the instep as on the other models so a shoe plate should be used.

**CAMPIONE.** Uppers have three rows of perforations for improved ventilation. As illustrated. ... 55/11

**CORSA.** With smooth plain unperforated uppers. Ideal for all general use. Metric size range. State English size. ... .. 51/11

**WINTER  
"BOOTEE"  
Fully-lined**



Beautifully shaped from a full chrome leather cut from calf side for extra suppleness. The upper is extended to cover the ankle with the throat cut back to allow full movement. Fully weatherproofed, a thick fleecy lining covers the whole inner sole and upper, even the tongue which is anchored at one side is similarly lined. The hard wearing Viklite sole which carries a medium heel is completely waterproof. An investment for the winter rider who has experienced trouble in keeping his feet warm in lightweight shoes. ... .. 89/6

## WORTHY SHOES

Over forty years of practical experience are behind the design of Worthy shoes which offer unparalleled value by subtle combinations of old techniques and modern processes. Uppers are fashioned from fully chromed leather, the only top that will retain comfort and shape under the arduous conditions imposed by all-weather cycling.

Worthy shoes are all supplied in half sizes

### RECORD

Sizes 2-12



A stout all round clubman's shoe with a tough though supple black leather upper tastefully trimmed with a subdued red trimming. Both heel and toe are reinforced and a pedal patch is provided. The one-piece sole is cut from selected leather and carries a light full heel. Long close lacing through Continental style triangular eyelets enhances the appearance of a good class shoe.

Sizes 6-12 (3-5½ 48/7) ... .. 52/6

### CHILTERN

Sizes 5-12



A strongly designed shoe designed for touring with the solid stitched, one piece leather sole built up to a Viklite capped heel for comfort when off the cycle. Supple chrome leather uppers carry two deep shaped pedal patches. The opening is neatly finished with a rolled edge. Curved backs and blocked toes ensure a shape retaining close fit. Black only.

Sizes 6-12 (5 and 5½ 48/7) ... .. 52/6

### TAKE CARE OF YOUR SHOES

Never dry shoes by artificial heat. Allow shoes to dry out naturally, stuffing with paper will aid initial drying and help to retain shape of uppers. **HEAT RUINS LEATHER.** Use short pins when fitting plates, do not 'bend over'.

### GRAND TOUR

Sizes 5-12



A well shaped full chrome black upper, neatly finished with tan trimming. Laced well down the slender toe strapping and fitted with a large curved pedal patch. Cork lined, the special 'resin' sole is deeply channelled. **N.B. Do not use with 'long' shoe plates.**

Sizes 6-12 (5 and 5½ 39/4) ... .. 42/6

### ROUGHSTUFF

Sizes 5-12



Narrow welted Utility shoe, fits into pedal and toecap. Webbed tongue. Leather sole with Viklite capped heel. **Tan or Black. Sizes 6-12 (5 and 5½ 61/9) ... 66/9**

### PETERS



### SHOE PLATES ETC.

**ARCHAMBAUD.** Alloy blocks steel riveted to steel plate, deep slot. ... .. 4/6

**Professional.** As above with longer curved plate ... .. 6/6

**Long.** As above with long plate down to heel for maximum foot support. ... .. 6/6

**DURAL.** Light alloy extrusion. 2/6

**CYCLE CROSS.** Extruded plate with two long spikes mounted behind slot, flats for spanner allows removal. ... .. 11/3

**T.A.** Deep slotted extruded alloy, with tacks ... 6/-

**RUBBER.** Single slot, hard rubber, silent tread 2/3

**SHOE LACES.** Extra length (30") in Black braid.

**REPLACEMENT HEELS.** Horseshoe shaped. Pr. 3/-





### ACRILAN SWEATER

Made from the most modern man-made fibre which is justly renowned for its easy care qualities. The 100% acrylic wool is knitted in a special stitch to lock the jersey into shape, but if a thread is 'pulled' it can easily be manipulated back into place. Bulky in the modern 'chunky' style but very light to wear.

Heavy ribbed high Vee neck and Raglan style shoulders. Smart and practical.  
In Alpine Green or Tan. Sizes Medium or Large 112/6

### WORTHY SHORTS

#### TERYLENE/WORSTED

A well made short in Dark Grey 55% Terylene 45% wool mixture of good weight. Cut on close 'Continental' lines, fits snugly at waist with zip type adjusters, double button and extended band. Two side pockets, two inset rear with neat buttoned flaps. Shorter legs, discreetly cut, allow full movement without gaping. Dirt resistant and non-creasing, this material is so hard-wearing no double patch is fitted. As smart off the cycle as when riding, ideal for Continental holidays.  
 Sizes 9 or 10 (28" or 30") ... 70/-  
 GENTS Sizes 32"-40" ... 75/-  
 Double seat for above ... 10/-



**LADIES.** Two slanted side pockets and a zip waist closure at one side. Double buttoned waist band with shirt grip.

Size 24" only 70/- . 26"-32" ... .. 75/-

### WORTHY SHORTS

#### ABRIST. Lovat/Grey

'wonder-fibre'  
Similar to the Terylene in cut and style with no double seat required. The Courlands made fibre is crease resistant and strengthened with Nylon, tested for colour fastness, strength, etc. Extremely smart off the cycle.

GENTS 9 and 10 55/5  
 Sizes 32"-36" ... 59/11  
 LADIES 24" only 55/5  
 Sizes 26"-32" ... 59/11



#### WHIPCORD Charcoal

The original whipcord short that proved so tough and hard-wearing that it became the standard wear for all racing and hard-riding club-folk. Cut on comfortable lines with two side and two flapped hip pockets. A double seat correctly placed and an extended waistband with adjuster.

GENTS ONLY 32"-40" (9 and 10 60/1) ... 64/11

#### CONTINENTAL Fawn

In a soft Fawn material with smooth sheen. Close cut with zip fly, two slanted side and two inset rear pockets. Waist band extended across front with elasticated self supporting half belt. Wear them with comfort when riding and with ease in any Continental 'bistro'.

GENTS ONLY 32"-36" (9 and 10 34/8) ... 37/6

#### POPULAR Black Twill

A lightweight short in extremely hard wearing Black Twill material that will stand constant wear and washing. Fitted with zip fly and two pockets. Cool and comfortable in use.

GENTS ONLY 32"-36" (9 and 10 27/4) ... 29/6

#### N.B. PURCHASE TAX

Purchase tax where applicable is included in the price shown. Small sizes 28" (size 9) and 30" (size 10)—girls 24" are free of tax.

## WORTHY RACING SHORTS

British made, to the best Continental designs, in hard wearing, colour fast materials. Tremendous value—check the 'Worthy' label to be sure of getting the best available.

### 'CONTINENTAL' WOOL ROAD

Seams at the side of this short allow a seamless 'U' type crutch to be combined with a deep chamois patch. Made in a lighter weight woven wool, with long legs and an outside pocket. Sizes: Small, Medium and Large.

Black only ... .. 46/11



### BRI-NYLON ROAD

Made in 100% Bri-Nylon this short is made with a high back and long legs for maximum warmth. Fitted with a deep chamois patch for extra comfort and hard wear. Small, Medium and Large. Black only ... .. 42/11

### WOOLLEN ROAD

As the Path short below but with longer 'Belgium' length legs and a very deep chamois patch extending well down the inside of the legs. Two outside hip pockets. Sizes: Small, Medium and Large. Black only ... .. 38/11

### WOOLLEN PATH

Made from guaranteed colour-fast hard-wearing wool. Fitted with ample chamois seat, short legs and inside 'sower grip' pocket. Will wash well and retain a comfortably close fit. Black only. Sizes: 30", 32", 34", 36" 33/11

### HEAVY GRADE COTTON

Chamois Seated for comfort and hard wear. Sizes, Small, Medium and Large. Black only ... .. 22/11

REPLACEMENT CHAMOIS SEATS ... .. 10/-

### TAKE CARE OF YOUR SHORTS

In the interests of hygiene, comfort and preservation your shorts require washing after each time worn.

Hand wash in warm soapy suds, rinse in clean soapy water which should be allowed to dry naturally into the leather.

Stretch gently to correct size while still damp and manipulate gently to soften the chamois when dry. Use NO DETERGENTS.

## ROAD MITTS

### CRODONI of Italy

The best produced by this famous firm. Made of extremely supple reversed chamois kid, stepped fingers neatly finished at the edges for comfort and the reinforcement patch shaped to the palm. An unusual crocheted back is of very open pattern, made in its shape, thumb back is of

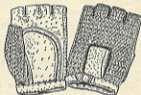


strong thread, maintains similar design. All sizes ... .. 39/11

### SPANISH PYRENEAN

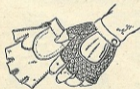
In soft White leather with shaped padded palm, and crocheted full width back with square opening. Cuff is closed by 'extending' press stud buckle.

S, M, L or Ex L 25/-



### SPANISH CHAMOIS

With heavy hand crocheted back open almost to the knuckles. Well shaped with deep thumb gusset, sized half fingers and low wrist band. The palm is lightly reinforced. Natural chamois leather. All sizes 20/-



### SPANISH NET BACK

Neatly institched in Nat. chamois to same pattern as above. The whole of the back and thumb inset are of strong Nylon net.

S, M, L or Ex L 15/-

SUEDE. Unbeatable value in soft fawn leather trimmed with brown. Reinforced at palm and inside of thumb. Perforated backs. Three sizes only S, M or Large 12/6



### WORTHY LIGHT RACING OR TRAINING VEST

In plain colours without any chest band or pockets, this jersey is suitable for racing, training or normal sports wear. The silky finish is offset by wool ribbing at collar and cuffs. Short sleeved and of good body length. Colours: White, Red, Royal and Light Blue with various contrasts in wool ribbing. Sizes S, M or Large 35/-

### TRAINING VESTS—HEAVY COTTON

In stock colours only. In a knitted cotton with single contrast band woven into the Black or White base. Plain crew neck and cuffs match colour on band. On White base Emerald, Royal or Scarlet band. On Black base, Scarlet, Amber or Emerald band.

Small, Mens or Large ... .. 22/6

**FELT LETTERS AND NUMERALS.** White or Red 12"  
For stitching to vest, shorts or track suit ... each 1/-

### CRODONI NYLON RACING VESTS TO SPECIAL ORDER ONLY

Colour fast Nylon of good weight made to your Club design.

### WHITE, BLACK, RED, ROYAL, PALE BLUE, ORANGE, GOLD, GREEN, NYLON COLOURS ONLY

Prices below include zipped crew neck, quartered short sleeves trimmed in contrast, and up to four horizontal bands. More complicated designs to special quote.

**TRACK.** ... ..  
No pocket ... 77/6  
**TIME TRIAL**  
Pockets at rear only 87/6  
**ROAD Pockets**  
at front and rear 97/6



### WOOLLEN ARM AND LEG WARMERS

Ideal for use on cold mornings, training, or evening track meetings, can be peeled off when conditions improve. Now redesigned in same colour fast wool as used in Worthy racing shorts so that complete outfit matches.

**ARM WARMERS.** Black only, ribbed at cuffs, pr. 12/6

**LEG WARMERS.** Black only, elastic under foot.  
pr. 29/6

### TRAINING SUIT

### CRODONI BRI-NYLON

An extremely smart suit with an attractive sheen to the surface of the heavy creped Bri-Nylon material. Close cut for riding in the taper leg style introduced to cut down wind resistance and avoid the inconvenience of "baggy" legs which never were suitable for use on the cycle. Easy fitting raglan shoulders and full length open-ended zip allow the top to be used over normal riding gear or racing "clobber". Close ribbed cuffs, waistband and inset collar are in a contrasting colour.

Complete suit, S, M or Large ... .. 129/6

**Top only.** Black with Viridian Green, Royal with Scarlet or Scarlet with Royal contrasts. Three sizes 67/-

**Legs only.** Chamois seated for comfort and wear, zips at ankle. Three sizes: Black, Royal or Scarlet ... 62/6

### HIGH-NECK SWEATER

#### Genuine Continental Training Jersey.

New from the Continent is this striking jersey made in best wool, strengthened with 20% Nylon. Ideal for training, extra length in body and sleeves allows for getting down to it without leaving "bare patches" at the wrist and most vulnerable lower back. A good length zip closes the neck which may be worn in the open position, to a really high fitting roll beneath the chin. Extremely close knit, in a medium weight for maximum protection from cool breezes, the tight ribbing ensures a permanent close fit while still allowing the garment to breathe. Boldly patterned. White, Red and Black on a Dark Green Base colour, or Red, White and Green on Dark Blue base. Medium or Large sizes ... 69/11



## TRAINING SUITS

### WOOLLEN LE PARIS

Utilising the most popular jersey ever produced, the Le Paris suit has legs in matching style and colour. In tightly ribbed wool as favoured by continental riders, nothing looks better or is more practical for the serious racing man. **Black or Royal 199/11 LE PARIS SWEATER**

Available as part of suit or for general wear on its own. Made from 100% pure fine gauge wool, knitted in a close rib that ensures a good fit always. The collar is neatly inset in the traditional 'horseshoe' shape that allows a jacket to be worn in comfort. Contrast colour bands at cuff and waist are repeated in the collar, which closes high by means of the extra length open ended zip. Specially designed for cycling extra length is also provided in both body and sleeve. **Black with Red, Yellow and Green contrasts. Royal Blue with Black, Yellow and Green contrasts.** Small, Med., Large and Ex. Large.



**LE PARIS LEGS.** Matching sweater exactly with contrast bands at ankles which are zipped for easy removal over shoes. Reinforced at the seat with a circular stitched chamois the body has good length and elasticated waist. **Sizes and colours as sweater** ... .. 96/2

### WATERPROOF SUIT

Lightweight suit, only 12 ozs, in fawn coloured proofed nylon. Amazingly compact when not in use. Jacket and trousers can be folded and carried in the side pockets of any reasonably sized touring bag. The jacket has a collar, full-length zip, adjustments at waist and cuffs and the pocket vents are of an ingenious design to prevent water from entering. The shoulders are ventilated. The trousers have elasticated waist, and vents for access to pockets.

**Jacket** ... 60/-      **Trousers** ... 35/-      **Suit** ... 95/-

## CRODONI PANTALONI

Since first introduced, the name 'Crodoni' has indicated cycle clothing with that much sought after quality 'a touch of class'. Small differences in detail refinements are demonstrated in the pantaloni listed below. Notice the curved pockets and interesting belt loops.

### TWEED

in 35% Terylene 65% wool mixture a dark tweed of pleasing design distinguished by green fleck. Cut on close Continental lines with low waist and neat double seat. The zip front is supported by a French bearer, as shown. Two inset rear pockets and two at sides. Legs hang smoothly to elastic at knee.

|                      |       |  |
|----------------------|-------|--|
| <b>Sizes</b>         |       |  |
| 9 or 10 (28" or 30") | 83/2  |  |
| Mens' sizes 32"-36"  | 89/11 |  |
| <b>Ladies sizes</b>  |       |  |
| side zip—no rear     |       |  |
| pockets 24"          | 83/2  |  |
| 26"-32"              | 89/11 |  |

### TWEED PLUS ONES

In similar tweed to the above; but with blue fleck, giving different shading.

Same details as pantaloni, but cut on easier lines with slight rise at back and the waist. Larger double seat and more freedom generally.

|   |      |
|---|------|
| <b>Sizes 9 and 10 (28" and 30")</b> ... ..  | 90/4 |
| <b>Mens 32" to 40" (in 2" sizes)</b> ... .. | 97/6 |

### TERYLENE PLUS ONES

An extremely good quality trouser in pleasing shade of Terylene/wool worsted noted for hard wear, with the built-in comfort of Plus-Ones. These are real riding trousers with all usual refinements of Crodoni trousers as listed above.

|  |       |
|--|-------|
| <b>Sizes 32" 36" (9 and 10 110/6)</b> ... .. | 119/6 |
|--|-------|



## WORTHY PANTALONS

### WHIPCORD Black/Grey

Made in a firm cotton whipcord that will stand thousands of miles in the saddle. So hardwearing that a full season of training and general riding will not penetrate the pile. Fitted with a narrow adjustable half belt through wide belt tunnels in the modern style. Two side and two rear flapped pockets are provided. Legs taper to a wide elastic which 'turns under' at the knee.

Sizes 32"-40" (9 or 10 73/11) ... .. 79/11

### CRODONI TRAINING TROUSERS

#### TWEED

Now recognised as a really sensible training trouser for riding at any time. These are called 'training' because they were originally designed for that purpose. Cut as the pantaloons at the top, the legs taper rapidly to below the knee. An inset zip at the ankle allows a fit so close that there is no need for leg constricting clips—or straps.

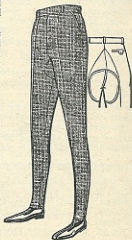
In 35% terylene 65% wool mixture, a fine dark tweed with dark green fleck.

This material is Perlcone Proofed against wet and dirt. Soft and warm, ideal for early training and riding down to events. The tapered leg adds to the smart appearance and does not look out of place off the cycle.

Two buttoned inset rear pockets and extended elastic adjustable waist band complete a smart garment. Fitted with double patch and good shirt grip for riding comfort.

with 29" or 31" leg length.  
9 or 10 (28" or 30") 92/6

Sizes  
32" and 34" waist 99/11

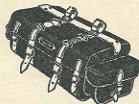


## ACCESSORIES SECTION

### WORTHY SADDLE BAGS

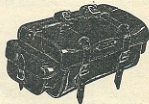
#### HIGHLANDER

In heavy duty Black Duck as panniers. Large bag with heavy chrome leather reinforcements at back, on all corners and underneath. Top flap and side pockets are 'boxed' against rain. Map pocket under flap. Two long straps with cape rings, add support from saddle straps to stop 'sagging', small straps hold outside corners of flap in position, 16" x 7½", 7" deep ... .. 67/6



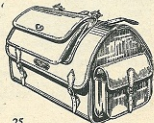
#### DEVONIA

In tough Arlinghide to match panniers. Strongly reinforced at all points, bag and side pockets have deep box flaps to keep out wet. Long straps give support from saddle and rings allow cape, etc. to be strapped on top. A flat pocket under the flap to keep maps clean and ready to hand. Size 12½" x 7½" at base 7" deep with short taper at top. ... 42/6



#### EVERYMAN.

In very hard wearing leather-like composition, which holds stiffly in shape. Two strap fastened side pockets and a buckle held map pocket on top of the flap. Size 12½" x 7½" base, 8" deep. 64/6



**CHOSSY SADDLE BAG (Used felt).**

Used printers' felt, initially grubby on the inside, and shaded blue/black; is heavily rubber coated and very good value. (Not always available from stock.)

**ONE POCKET.** Shaped under saddle with wide reinforcement at rear, and wide support under top straps. 12" x 7½" x 8½" single large pocket at front ... 27/6

**TWO POCKET.** With 6" deep flapped side pockets. Wide bag easily packed. 12" x 8" x 7½". ... 39/9

**ROLL BAG.** 7" dia. x 11" long—metal support 20/-

**CAPE ROLL**

Waterproof roll with straps to allow vertical or horizontal fitment behind the saddle. Roll, with deep tool pocket, remains attached when cape is removed 8/10



**TUBULAR BAG.** Fits vertically by straps through saddle wires and round seat pin. 13" long will hold two tubulars or cape and one tub, readily accessible. Inside pocket for tool set ... 8/6

**MUSETTES**

The simplest method of carrying items require 'on voyage'. Supported by strong webbing strap of good width that will not cut into the shoulders, eyelets at the side are provided for waist string if required. Deep flap fixed by two press studs for easy use with gloves. 13" x 10" made from strong plastic lined material in various colours.



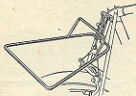
**Campagnolo.** With the famous trade mark in contrast ... 7/11

**Claud Butler.** Similar bag with Signature on front ... 7/11

**PLAIN colours** (without printing). In strong vinyl covered material, various shades and textures. 13" x 10" ... 5/6

**BLOCK MUSETTE**

Similar to above, but with 4" gusset at sides to give tremendous carrying capacity. Leather straps and buckle fastening to flap, which carries the name D'Alessandro. ... 15/-

**BAG SUPPORTS****CLAUD BUTLER**

Designed for use with centre pull brakes, whose action is often marred by saddle bag fitments. Produced in ½" diameter rod, the adequate supporting platform is attached to plates, which hang either side of the seat lug.

An angled strengthening bar holds the bag clear of the brake mechanism. Supplied with extra length seat bolt from which the support hangs, allowing clearance for centre pull brake, and quick release mechanism.

**Chrome plated** ... .. 9/6

**KARRIMORE standard uplift.**

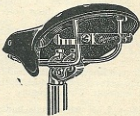
Quick release attachment that raises the bag above saddle slots well clear of mudguard. ... 5/6

**Tourist Uplift.** Similar to standard but with support for the underneath of the bag. Both chrome plated finish. ... 8/9

**BROOKS. Chrome support.** Fitted to stays by bolt and wing nut. ... 7/-  
**Silver Finish.** ... 5/-

**CAMPIONE Quick release.**

A quick release fitting that allows a bag to be hooked on or off without undoing straps. Designed primarily for use with saddles not having bag loops. Two types: the straight 'Nitor' or curved 'Competition' shown. Consisting of chrome plated strips clamped either side of the saddle wires with aerotite nuts. The curve of the 'hook' leaves just enough room under the frame for the strap to pass.



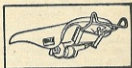
**Badged 'Campione' either type** ... 7/6

## VILOSPORT Q/R BAG SUPPORTS

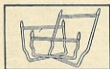
'Leech' saddle bag attachment. Designed to clamp to the saddle frame wires providing a quick release fitting for saddles not provided with bag slots. Correct type must be used.

No. 1 for Unica road saddle taking normal saddle clip ... .. 19/9  
 No. 2 for Unica road saddle with a flat under-carriage ... .. 19/9

No. 10 for Unica track saddle with normal wire frame ... .. 19/9  
 Simpler fittings are supplied for use with Brooks Competition.



No. 3 for 'Professional' and Competition Std. model with normal frame ... .. 12/9



'Hi-lift' Available in three sizes to drop into any 'Leech' bag attachment. Will lift bag away from mudguard by 1", 2" or 3". The 'Hi-lift' makes a useful carrying handle.  
 Mini 1", Minor 2" or Major 3" ... .. 4/11

## 'GILPIT' TUB CARRIER

Made from plastic, stainless steel, rubber and alloy, under three ounces in weight and cannot rust. Fits to wires of saddle without bolts and carries the tubular in rubber bands so that it cannot chafe. Instantaneous release by means of the anchor rod, or normally, handle is pulled back to allow tyre to be replaced ... 18/9

## ELASTIC BAGGAGE STRAPS

Strong braided elastic bands with turned ends clamped into conical spring steel plastic covered hooks. Fitted in a moment. Three lengths:

18" x 5/16" with single hook each end ... 1/6  
 21" heavy gauge with single hook each end ... 1/9  
 25" as above but with extra hook loose on centre 2/6

## PANNIER BAGS

### HIGHLANDER REAR BAGS



In heavy duty Black Duck material. Long straps and deep inner flaps give extra inches of space. Basic size: 12" x 11" x 5". Deep hooded pockets at rear will take items 'wanted on voyage'. Carrying handle and Quick Release aids removal ... 99/6

### HIGHLANDER FRONT BAGS

Matching the saddle bag and rear bags above. Ample size 11½" x 10½"—tapering to 5" x 4" wide. Reinforced with chrome leather, the straps carried over top to form a carrying handle. Webbed flaps to keep out wet. Fitted with quick release. ... 84/6

### DEVONIA REAR BAGS

In tough good looking 'Arlinghide' with piped edges and leather reinforcements at corners and back. Size 11½" x 10½" x 4" with a large pocket at rear of each bag.

Deep flaps with long straps.  
 Quill Quick release 76/-

### FRONT BAGS 'Arlinghide'

Matching rest of the set. Sizes as Highlander. With webbed flaps and Quick Release. ... 67/6

N.B. All bags listed above are supplied with waterproof 'liners'.



### LIGHTWEIGHT PANNIER BAGS

Strong Lightweight Black material. Size 11" x 10" x 3". Strap fitting only to carrier. Cane support and fibre board backing for added strength ... 39/9

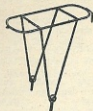
QUICK RELEASE FITTINGS. Sprung frames with strong hooks for riveting to back of panniers. Positive grip ... pair 9/-

HANDIBAGS. In strong 5 thou' black plastic welded to fit rear panniers. Keeps contents dry in the heaviest storm ... pair 3/6

## PAUNIER BAG CARRIERS

### CLAUD BUTLER. Standard

Strong triangular support from platform to mudguard eyebolt on drop-out. Platform is anchored by means of brake pivot bolt. Ring accepts quick release fittings or fixing straps. Bright zinc plated finish 16/6



**De luxe.**  
Similar to the standard model illustrated above, but with a more elaborate top platform. Strengthened by an extra cross member the platform curves up to give protection to the popu-

lar centre pull brakes and a lampracket (serves as a stop, or strap loop) is fitted at the back. Chrome 21/-

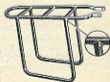
**De Luxe Raleigh Pattern.**  
Longer arms extend to fit Raleigh type ends. 21/-

**De Luxe with 'Uplift'**  
With an extended support curving back to form an 'uplift' to allow for saddle bag with low saddle 22/6

**Front De Luxe.**  
As illustrated on previous page. Platform is large enough to take all types of bags and quick release fittings. Guard for centre pull brakes, strut to brake fixing bolt. Lamp bracket at front. Chrome ... .. 21/-

**LIGHTWEIGHT REAR.**  
Lighter gauge rod (bright mild steel) support with larger carrying platform 10½" x 6". Ideal for general purposes; lateral members curve up to protect brake. Chrome finish. ... .. 17/6

**QUILL**  
Light but strongly made from best quality seamless tubing. The top platform 16" x 5" now has three cross supports. Adjustable plated clips to fit to seat stays are supplied. There are no sharp corners on a 'Quill' to damage bags. Complete with clips ... 22/6



**Spare Clips.** Set consisting of four cadmium plated universal clips—two round clips—bolts and nuts 4/6

## BELLS

**La Clairette.** Polished alloy spring ring type anodised colours—Blue, Red, Gold or Green, all at ... 2/9

**Victree Super Sonie**—external striker on coil spring. Polished or Anodised, Blue, Red or Gold all at 2/-

## BOTTLES

### CAMPAGNOLO



In White semi-translucent polythene for either hot or cold liquids. Odourless, will stand up to very hard use. The 'double-seal' top with extended centre and overlap grips bottle securely. Cap has lip which makes it easy to open and close whilst riding, and cap is attached to the bottle so that it cannot be dropped. With Campagnolo Trade Mark Badge 3/11

**ALLEZ!** In white, red or blue Polythene with corrugated sides for easy handling. Ideal for 'handing-up' as it will stand a lot of knocking about and does not dent 2/-

**DRINKING TUBES.** In strong, easily cleaned Polythene ... .. 6d.

## BOTTLE CAGES

**COLORAL.** Light wire cage with top ring slopes for easy bottle replacement. Handle bar or down-tube fitting ... .. 4/6

**Double Cage.** Clips widely spaced for maximum support ... .. 7/6

**Spare Clips.** Set with bolts ... .. 2/-

### PETERS UNIQUE (Illustrated)

Cleverly produced from only one piece of heavy gauge wire, supplying sufficient spring to grip bottle firmly, there are no joints liable to breakage. Chrome plated.

Down tube fitting ... .. 5/-

Handlebar Single ... .. 5/3

Set of Clips for Peters Cage ... 1/6

**T.A. Handlebar fitting** with solid bracket ... 13/-

**Down Tube** with large shaped bottle guide ... 13/-

Set of Clips ... .. 3/9





## CAMPAGNOLO BRACKET FITTINGS COTTERLESS RECORD.



For use with Campagnolo cotterless alloy chain sets. Axles carry hard chrome bearings and a square taper which is so accurately machined that it should be fitted clean and dry.

Cups are finished in satin chrome

and are not interchangeable with polished chrome cups used with cotted axles. State type of set required and number on axle if possible.

- Single.** 68.P.120—single ring on Pista crank.  
**Single.** 68.P.110—1 1/4" chain line on Pista cranks.  
**Double.** 68.SS.120—2 rings on Strada crank.  
**Cyclo Cross.** axle No. 744/2 for "Cross" guards on strada.  
**Triple.** Axle No. 744/1 for three rings on Strada cranks.  
**Continental sizes** to suit Italian or French frames with both cups right threaded either 35 x 1 or 36 x 24.  
**Double.** 70.SS.120 with 35 x 1 cup is for 70 mm. bracket.  
**Double.** 74.SS.120 with 36 x 24 is for 74 mm. bracket.  
**All above Record sets No. 1046 complete** ... 65/-

### Cotterless New Record 1046/A

For Double sets with dustproof sleeve, recessed into special cups, dust grooves machined in axle bore 80/-

### COTTERED DOUBLE SETS.

No. 1047 for use with any cotted double chain set. With polished cups, not interchangeable with satin finish cotterless type.

- Strada** set complete with cups and lock-ring ... 50/-  
 Cotted axle only—state type required. ... 25/6  
 Fixed cup, left (or right continental) thread ... 14/-  
 Adjustable cup English or metric right thread ... 10/6

### COTTERLESS SPARES

- Cotterless axles only, less bolts—state type ... 32/6  
 Cotterless axles for cyclo-cross/Triple ... 50/-  
 New Record axle 744/A—narrower between races ... 35/-  
 Fixed cup, satin chrome, left (or right continental) thread ... 17/-  
 Adj. cup, satin chrome, English or metric ... 13/-  
 New Record fixed cup, 745/A recessed for liner ... 22/-  
 New Record adj. cup, 746/A recessed for liner ... 17/6  
 New Record sleeve 2110, cone 2110/1 ... 5/3  
 Clamping bolt and Washer for all types each 3/9  
 Lock Ring, English or Metric thread ... 6/9

## BRACKET FITTINGS

### STRONGLIGHT COTTERLESS SETS

- T160 Needle, for 49D or 63 sets—114 Single—120 Double ... 135/-  
 No. 97 for 49D or 63 set. 97/32C Single—97/32RN Double ... 62/-  
 No. 97/TR1 for triple chain set ... 67/-

### STRONGLIGHT COTTERED SETS

- T260 Needle, T260/127 Single, T260/132 Double 110/-  
 No. 34 127 mm. axle for Single, 132 mm. Double 26/9

### T.A. COTTERLESS

- Professionnel splined axle only,  
 314 Single—344 Double ... 49/-  
 Bolts and washers for Professionnel. No. 37 set 8/3  
 Criterion right angled axle.  
 P315 Single—345 Double ... 38/6  
 Cups and Lock rings for Professionnel ... 16/9  
 Cups and Lock rings for Criterion ... 37/6

### CHATER-LEA COTTERED

- 1/2" Ball single axle only 1615 ... 5/6  
 Double Axle, 1615-1 or extra clearance 1615-2 6/-  
 Cups, 1617 adj.—1616 fixed 3/6 ea. L/Ring 1618 2/-  
 5/16-in. Ball single axle only 1007 ... 5/6  
 Axles 1240, Double 1240/1, 1640, Double 1640-1 6/-  
 Cups, 1349 adj.—1350 fixed 4/- ea. L/Ring 380 2/4  
 5/16-in. Ball Tandem, axle only 802 (R.1.) ... 6/6  
 No. 805 (R.2.), 1240-1, 1240 ... 6/-

### T.D.C. COTTERED

- Continental Lightweight.** Polished chrome axles drilled for lightness, especially hardened and ground for competition work. Three lengths:  
 S19/2 Single, S19/4 Double, S19/9 "close" Double 5/-  
 Cups S16 adjusting, S17 fixed, S18 lock ring set 6/-  
**Standard axle** C16/2 Single, C16/4 Double,  
 C16/9 "close" Double ... 3/2  
 Cups C11 adj. C13 fixed each 1/6 Lock ring C15 10d.  
**Bracket Assembly Unit with sleeve** ... 13/9

## UNIVERSAL BRAKES

Universal have long been recognised by the continentals as the best brake produced by Italy, where braking is of paramount importance. Vitally necessary when descending the badly surfaced passes, or negotiating amongst the 'mad' drivers in their narrow town streets.

### CENTRE PULL mod 61.

Giving extremely efficient and balanced braking this model operates from a central cable. The arms are pivoted from either end of a strong anchor plate clamped to the forks crossing over each other so that maximum leverage is applied when lifted by the straddle wire, which is balanced over the clamp. This system allows the blocks to follow an untrue rim, without loss of grip. The coil springs give clean release of the blocks which are studded for wet weather use.

Supplied with double fluted silver outer casing, and hooded alloy levers with deep translucent housing. Shallow stirrup No. 105—Deep No. 106. ... 69/6



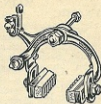
### Quick Release. SIDE PULL mod. 51.

A really neat caliper with polished alloy arms widely curving to give mudguard clearance and good leverage. Striking feature is the quick release lever, linked from a lower stop, to the upper cable pivot by a cranked arm. In normal use, the release lever is out of sight and the cable pivot is given extra support by the arm. Studded soft blocks and hooded lever, as illustrated. Shallow front stirrup, deep rear No. 100/101 or deep/deep 101/101 ... 49/6



## UNIVERSAL SPORT

Neat close fitting alloy brake with extended cable clamp arms ensuring maximum leverage. Patent quick release fits either side of arms, allowing free movement and less chance of corrosion making operation 'sticky'. Fitted with soft ribbed 'wet weather' blocks. Hooded lever with White rubbers. Shallow front, deep rear, No. 131/133—Tremendous value at only ... 37/6



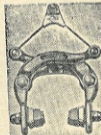
### Hooded Levers (illustrated opposite)

A most popular lever with Nylon bushed pivot. Really comfortable translucent rubber extending out to meet covered cable adjuster ... each 12/6  
 Lever hoods as shown, White or translucent pair 7/6  
 Adjuster rubber-black-conical shaped sleeve pair 1/-  
 Brake Blocks. Soft rubber for alloy rims, ribbed into pads for wet weather use ... pair 1/3  
 Blocks in Shoes with clamping bolts ... pair 2/9

## WEINMANN BRAKES

### Vainqueur 999

A well finished Swiss made brake produced to a high standard of machining accuracy. Centre-pull action is achieved by two independent arms working in cantilever movement. Arm pivots, mounted on a frame bolted to the cycle, are Nylon bushed for smooth trouble free operation. Brakes can be supplied with shallow 610, or deep 750 stirrups and a choice of levers.



With lever No. 162 (illustrated overleaf) ... 62/-  
 With lever No. 161 (details overleaf) ... 55/-  
 With lever No. 144 (details overleaf) ... 53/-

## WEINMANN BRAKES

### DYNAMIC

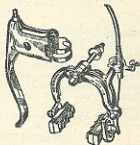
A clever brake which although a side-pull in appearance actually operates through a cantilever system of levers. The two arms, which are individually pivoted on Nylon bearings, balance their movement by a roller which 'divides' the action equally. Supplied with choice of levers.

|                          |     |     |     |     |      |
|--------------------------|-----|-----|-----|-----|------|
| With lever 161           | ... | ... | ... | ... | 47/6 |
| With lever 144           | ... | ... | ... | ... | 45/- |
| With lever 136 'Tourist' | ... | ... | ... | ... | 42/- |

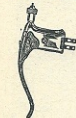
### SIDE-PULL

The standard side-pull with wide curving arms that supply adequate leverage and good clearance in all models. Quick release fitted to stirrup allows easy wheel removal. Various stirrup depths, indicated by call Nos. 730/730 standard, 500/730 shallow front/std. rear, and 890/890 for deeper stirrups.

|                    |      |
|--------------------|------|
| With lever No. 161 | 38/6 |
| With lever No. 144 | 36/- |
| With lever No. 136 | 31/6 |
| With lever No. 133 | 27/- |



| LEVERS  | each      |
|---|-----------|
| 162 (illustrated) Quick Release stop fitted between hood and lever. | 12/6      |
| Adjuster and rubber hoods   | 12/6      |
| 161 Quick release. No adj. or rubber                                | 8/6       |
| 144 Hooded. No adjustment or Q/release                              | 7/6       |
| 136 Touring. Small hood   | 5/6       |
| 133 Touring with straight lever                                     | 4/6       |
| Lever hoods. White or Translucent rubber                            | pair 5/6  |
| Lever sleeves cover lever only                                      | pair 1/6  |
| Blocks, long or short; red or grey                                  | pair 10d. |
| Blocks and shoes, complete  | pair 2/3  |



Lever hoods. White or Translucent rubber pair 5/6  
 Lever sleeves cover lever only pair 1/6  
 Blocks, long or short; red or grey pair 10d.  
 Blocks and shoes, complete pair 2/3

### G.B. BRAKES

#### COUREUR '66' Centre-pull.

Symmetric action brake with arms mounted on extra strong back plate (as illustrated). Nylon bearings for smooth action. Single coil springs on each pivot for positive return.

|                                  |          |
|----------------------------------|----------|
| With 124A Q/R Lever              | 60/- pr. |
| With Superhood (Barrel adjuster) | 57/6 pr. |



**COUREUR PLUS Side Pull.** Nylon bushed for easy action. With Superhood Rapide Lever ... 42/- pr.

#### SYNCHRON

Side pull operated brake with symmetric action. Separate arms are mounted on a common back plate with the "balance" controlled by a nylon roller.

|                                  |          |
|----------------------------------|----------|
| With 124A Q/R Lever              | 49/6 pr. |
| With Superhood (barrel adjuster) | 47/6 pr. |



#### LEVERS, ETC.

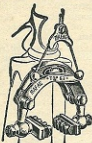
124A illustrated. Press button to effect quick release. Automatically re-set

|  |          |
|--|----------|
| 12/6 ea.                                   |          |
| Superhood with barrel adjuster. Good shape | 11/6 ea. |
| Superhood. Well-shaped hood                | 10/6 ea. |
| Arret. Short finger grooved, hooded lever  | 8/6 ea.  |
| Sprite. Simple short reach lever           | 7/6 ea.  |
| Touring. 575. For use with flats           | 8/- ea.  |
| No. 126. For flat bars, takes barre nipple | 7/6 ea.  |



|   |                             |
|---|-----------------------------|
| HOODS. No. 503. Covers whole of Superhood                   | 4/6 pr.                     |
| No. 508. Half hood  | 4/6 pr.                     |
| No. 507. Half hood with adjuster for Arret or Sprite levers | 5/6 pr.                     |
| No. 510. Half hood for Sprite racing lever                  | 4/6 pr.                     |
| Blocks only ... 11d.  | Blocks in shoes ... 2/4 pr. |

**G.B. SPORT MK3.** A popular price model with neat side pull stirrups and short reach, hooded lever 38/- pr.  
**G.B. SPRITE.** Fitted as 'equipment' by many makers. Simple side pull caliper with Sprite or Touring Levers 25/- pr.



### MAFAC BRAKES

**TOP '63'.** A centre pull brake with main carrying arms slotted so that vertical height adjustment is allied to width across pivots. Angle of blocks may be adjusted by rigid fitting. Complete with hooded lever

75/-

### RACER

Popular for many years, first of the 'bolt-on' centre pull types. Independently sprung arms on bronze pivots fitted to back plate. Hooded levers (less rubbers and adjusters)

69/9

**DRIVER.** Centre pull brake with pivots brazed to cycle frame. Most rigid and efficient. With bare cable and hooded levers (less rubbers)

59/6

**TANDEM.** Brazed-on model as DRIVER but with double plate arms extended to give more power to longer blocks

65/-

**LEVERS.** 'Professional' less hood

each 10/9

Rubber half hood with adjuster.  
 Red, White, Blue or Green ... pair 10/6  
 Brake Blocks. Std. four stud ... pair 1/4  
 Tandem Blocks, five stud ... pair 2/4  
 Blocks in shoes. RACER ... pair 6/-  
 Blocks in shoes. DRIVER, TOP  
 63 ... pair 10/6  
 Blocks in shoes. TANDEM ... pair 10/6

38



### CHAINS 1/2" x 3/32"

**REGINA "ORO".** Specially produced for competition work in conjunction with the "GOLDEN" freewheel. Made from toughened steel that resists "stretch" and cuts down wear on the chain-wheel. Designed to have flexible side movement on the rollers giving easy gear selection ... 19/11

**REGINA SUPER COURSE.** For use with all freewheels of the modern "close" design. Very flexible by virtue of narrow roller width, will operate efficiently over six speed clusters ... 12/9

**RENOLDS.** Good class British chain ... 12/1

**VELO.** Full length derailleur chain, good value at 9/9

### CHAINS 1/2" x 1/4"

**REGINA.** Good quality touring chain ... 7/11

**VELO.** Strong chain from Czechoslovakia ... 6/6

### CHAINS 1" x 3/16"

**REGINA BLOCK.** Track chain for solid drive 33/-

**RENOLDS TWIN ROLLER.** Will not "tighten up" with grit under the block. For grass or road 26/-  
 Joining links are available for Renolds 1" and Regina chains.

### CHAIN LINK REMOVERS

N.B. Extractors are not suitable for use with Renolds "Elite" or other chains with "shouldered" rivets that need grinding off.



**FIFON (illustrated).** Hardened steel punch in bronze body. Links may also be replaced ... 10/6  
 Replacement pin and arm ... 3/6

**CYCLO RIVOLI.** Hard revolving peg may be replaced ... 7/6  
 Replacement pin ... 5d.

### COTTER PINS

**CYCLO.** Double nutted, may be withdrawn with a spanner. Chrome plated ... pair 2/3

**CHATER.** Heavily plated, short length pair 3/-

**WILLIAMS.** Standard size, will fit all English cranks.

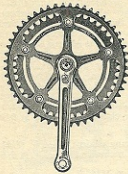
**CONTINENTAL.** In metric size for Continental cranks.

**UTILITY.** Standard English size. Chrome plated.

**UNMILLED.** English size but without milled flat.

39

## CAMPAGNOLO RECORD



### ALLOY COTTERLESS

Superbly machined to fine engineering limits from solid alloy forgings to ensure by their accuracy that all rings will run perfectly true. Chemically polished and anodised to a lustrous finish which resists corrosion. The current pattern have a narrow section which cuts down wind resistance and reduces "tread" width. All rings are machined from solid blanks, and sit on square shoulders, clamped by Allen key fitted bushes and

sleeves. The tapered square by which the crank locates on the axle is so accurate that it should be fitted clean and dry. Correctly fitted, no further adjustment should be required and the mounting will be absolutely true. Cranks and chainsets are supplied with appropriate bracket fittings finished in Satin chrome with two pre-lubricated cages of  $\frac{1}{4}$ " balls.

**STRADA ROAD CRANKS** are the basis of the following sets and are available drilled to fit **OLD PATTERN** rings 44T upwards or the more recent design which will accept 42T rings.

**DOUBLE SET COMPLETE** with bracket fittings and two  $\frac{1}{2}$ " rings mounted on shoulders either side of the crank arm. Sizes 42—52T (larger rings extra) 315/-

**TRIPLE SET COMPLETE** with inner ring supported on extra length sleeved bush ... 392/-

**CYCLO CROSS** has large flanges fitted to either side of a single ring mounted on sleeves with ring on outer shoulder of crank ... 368/-

**PISTA CHAIN SETS** have a single shoulder on the outside of the crank arm which therefore may be set closer to the crank.

**SINGLE 3/32"**. "Strada" ring without flanges 263/-

**SINGLE 1/8"**. Double flanged Pista ring ... 315/-

**SINGLE 3/16"**. Inch pitch double flanged track ring ... 315/-

## CAMPAGNOLO CRANK SETS

**STRADA**. For Double, Triple or Cyclo-Cross

**PISTA**. Single only.

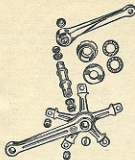
Please state length:

6 $\frac{1}{2}$ " (165 mm.), 6 $\frac{3}{4}$ " (170 mm.) or 7" (177.5 mm.).

Supplied complete with set of five chainwheel bolts and bracket fittings (less tools) ... 211/-

**TOOL SET** if purchased with crankset ... 30/-

Extra for "Strada" cranks with "triple" or "Cyclo-Cross" axle and special sleeves 25/-



### CHAIN RINGS

3/32" Polished alloy gear cut from 42—52 teeth 52/-

**OLD PATTERN** (to suit pre mid-1967 cranks). 44—52 teeth ... 52/-

**Larger sizes**, both types from 53—57T as replacement rings or as a part of a set. Add extra for each tooth over size 52T ... 1/6

**IMPORTANT NOTE.** When ordering 3/32" rings for pre mid-1967 cranks (i.e. cranks which will not accept 42T rings)—

**SPECIFY OLD PATTERN.**

$\frac{1}{4}$ " "Single" rings of heavier gauge, shouldered both sides of teeth 46—52T ... 104/-

**Larger sizes** 53—60T, extra each tooth over 52T 3/-

3/16" x 1" pitch double shouldered rings 23—26T 104/-

**Larger sizes** 28—30T, extra each tooth over 26T 3/-

**CYCLO-CROSS FLANGES**. Inner or outer. ca. 40/-

**CHAINWHEEL FIXING BOLTS**. For double Nos. 754/755, for single Nos. 761/762. Set of five 17/6

For **Triple or Cyclo-Cross** Nos. 831/832/830 25/-

**N.B.** Spacers are available that allow a single 3/32" ring to be used on a double crank. Set ... 3/9

**TOOLS**. No. 767. Allen key to fit clamping sleeve 2/8

No. 768. Peg spanner for locking clamping sleeve 1/-

No. 769. Axle locking spanner ... 11/4

No. 770. Extractor tool for withdrawing crank 20/-

### CHATER-LEA CHAINSETS

Top quality steel chainset made in Britain to fine limits and maintaining the high standards for which they have been known for thirty years.

**CRANKS.** Very rigid rectangular section, fluted for lightness and better appearance. Made from best grade, heat treated steel, Chrome plated. Available in three lengths—6½", 6¾", 7". Supplied complete with cotters and chain ring bolts ... pair 70/-

**RINGS.** Double flanged. Machine cut teeth.

| 3/32"           |                 | 1/8"         |  | 3/16" (1" pitch) |  |
|-----------------|-----------------|--------------|--|------------------|--|
| 36—38T ... 21/- | 36—38T ... 19/6 | 21T ... 21/6 |  |                  |  |
| 40 ... 21/6     | 40 ... 20/-     | 22 ... 22/-  |  |                  |  |
| 44 ... 22/6     | 44 ... 20/6     | 23 ... 23/-  |  |                  |  |
| 46 ... 23/-     | 46 ... 21/-     | 24 ... 24/-  |  |                  |  |
| 47 ... 23/6     | 47 ... 21/6     | 25 ... 25/-  |  |                  |  |
| 48 ... 24/-     | 48 ... 22/-     | 26 ... 26/6  |  |                  |  |
| 49 ... 24/6     | 49 ... 22/6     | 27 ... 28/-  |  |                  |  |
| 50 ... 25/-     | 50 ... 23/-     | 28 ... 29/6  |  |                  |  |
| 52 ... 26/6     | 52 ... 24/6     | 29 ... 31/-  |  |                  |  |
| 56 ... 29/6     | 56 ... 27/6     |              |  |                  |  |

**DOUBLE SETS.** Chater-Lea double chain sets are assembled by using any single 3/32" ring (36—50 tooth) in conjunction with a No. 1689 Alloy Adaptor ... 10/- and No. 37.126 Bolts ... set 2/- and one of the following: 49 x 3/32" outer ... 24/6, 50 x 3/32" outer ... 25/-, 52 x 3/32" outer ... 26/6.

**SPARE BOLTS.** No. 34.126. Single bolts, set 1/9  
No. 35.126. For original 2 arm crank, set ... 2/3

### WILLIAMS CHAINSETS

**C34 Chainsets.** 3 pin sleeve fitting. Up to 48T ... 32/6  
Crank 6½" ... 15/6 pr. R/H only ... 11/9. L/H ... 8/3  
Crank 6¾" fluted ... 17/- pr. Sleeves, set of 3 ... 6/-  
Rings 3/32" or ¼"  
32T to 48T ... 11/- 49T to 52T ... 13/- 54T ... 15/-  
56T ... 17/- 58T ... 19/- 60T ... 22/6.

**B100 Chainsets.** 5 pin screw fitting. Up to 48T ... 31/-  
Crank 6½" ... 18/9 pr. R/H ... 10/6. L/H ... 8/3  
Crank 6¾" fluted ... 20/3 pr. Pins (set of 5) ... 1/3  
Rings 3/32" or ¼"  
36T to 48T ... 11/- 49T to 52T ... 13/- 54T ... 15/-  
56T ... 17/- 58T ... 19/- 60T ... 22/6.

**C1000 Chainset.** 3 pin sleeve fitting. Up to 48T 49/6  
Crank 6½" ... 32/6 pr. R/H ... 19/6. L/H ... 13/-  
Rings 3/32" or ¼" and sleeves. Use C34 as above.

### WILLIAMS CHAINSETS

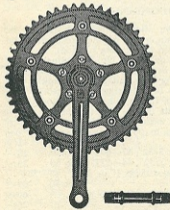
**LC1200 Chainsets.** 3 pin sleeve fitting. Up to 50T 40/6  
Crank 6¾" only ... 19/6 pr. R/H ... 12/9. L/H ... 9/-  
Rings 3/32" or ¼" 44T to 50T ... 15/- 51T and 52T  
21/- 53T and 54T ... 24/-.

**LC1232 Rings.** For double chainset on LC1200 cranks  
3/32" Outer 49T to 52T — 21/- 53T and 54T ... 24/-  
3/32" Inner. 6 pin fitting to outer. 46T to 50T ... 11/-  
1" pitch x 3/16" CHAIN RINGS

**C34.** 20—24 ... 13/6 25—26 ... 15/6 27—29 ... 20/-  
30 ... 25/-.

**B100.** 21—24 ... 13/6 25—26 ... 15/6 27—29 ... 20/-  
32—33 ... 25/-.

**AB77.** Alloy cotterless chainset. A 5 pin multi-splined crank carries an adaptor to which rings are fitted by means of sleeves. The adaptor will fit any 5 pin crank achieving interchangeability with existing equipment. Double set with tools. Rings from 44 to 50T 256/-  
Single set with tools. Rings from 44 to 50T ... 221/3  
Chainrings 3/32" alloy. Sizes 44 to 50T ... 33/-  
Larger sizes. Separately or with set. Now available up to 60 teeth. Extra for each tooth over size 50 2/-



Adaptor with all fittings ... 41/3  
Adaptor only, double or single ... 30/-

Crank fixings set of five (adaptor to AB77 crank) 3/-  
Ring fixings, set of five single or double. ... 7/6  
Crank complete with B/B set and Toolset, 6½" only, less adaptor and screws ... 148/-  
Crank only 90/-  
Bracket set, double or single ... 48/5  
Toolset complete 16/-

Allen Key/box 7/6 Extractor/Pedal 4/9 Extractor Tool 4/3

## REGINA MULTIPLE FREEWHEELS

Famous makers who originated the modern "close" block for use with all gears and particularly with quick release hubs. The full races of  $\frac{1}{2}$ " balls are set wide apart to minimise "float" and impart a smooth action.



### SERIES ORO "COMPETITION"

ORO (Golden) freewheels, once produced in limited quantities for the Italian Professional Roadmen only, are now available in this country. Ball races are highly polished and the material used throughout is a special toughened steel with cogs easily recognised by the gold finish.

Used by the British Team and leading Continental riders in the 1967 Tour de France, whose Alpine and Pyrenean stages provide the ultimate proving grounds for transmission equipment.

|                             |      |
|-----------------------------|------|
| FIVE SPEED FREEWHEEL ... .. | 52/6 |
| SIX SPEED FREEWHEEL ... ..  | 61/- |

Available in any ratio from the following:

|                             |   |
|-----------------------------|---|
| Top 5                       | cogs 13 to 15T                          |
| Second 5                    | for use with 13T top only—<br>14 to 15T |
| Second 5                    | same } 15 to 17T                        |
| Third 6                     | cog }                                   |
| Top 6                       | cogs 13 to 14T                          |
| Second 6                    | cogs 14 to 16T                          |
| Middle                      | cogs 16 to 19T                          |
| Low                         | cogs 17 to 28T                          |
| (two used—Left hand thread) |   |

N.B. Above freewheel prices are for all ratios up to 24T. Low cogs 25-28T if used are extra 1/6.

## REGINA MULTIPLE FREEWHEELS SERIES GRANSPORT "STANDARD"

|  |      |
|--|------|
| Four Speed Freewheel up to size 24T ... .. | 24/- |
| Five Speed Freewheel up to size 24T ... .. | 27/6 |
| Six Speed Freewheel up to size 24T ... ..  | 34/- |

Available in any ratio from range below:—

### REGINA SPROCKETS

| Type                          | Code No. | Standard | Price | Oro    | Price |
|-------------------------------|----------|----------|-------|--------|-------|
| Top 4                         | 1        | 14—16T   | 3/6   | —      | —     |
| Top 5                         | 7        | 13T      | 3/6   | 13T    | 5/6   |
| Top 5                         | 5        | 14—18T   | 3/6   | 14—15T | 5/6   |
| Top 6                         | 7        | 13—15T   | 3/6   | 13—15T | 5/6   |
| Second 5                      | 6        | 14—16T   | 3/6   | 14—15T | 5/6   |
| (for use with No. 7, 13T top) |          |          |       |        |       |
| Second 5                      | 4        | 15—20T   | 3/6   | 15—17T | 5/6   |
| Third 6                       | 4        | 15—20T   | 3/6   | 15—17T | 5/6   |
| Second 6                      | 8        | 14—16T   | 6/6   | 14—16T | 8/6   |
| Middle                        | 2        | 16—22T   | 3/6   | 16—19T | 5/6   |
| Low                           | 3        | 17—24T   | 3/6   | 17—24T | 5/6   |
| Low                           | 3        | 25—28T   | 5/-   | 25—28T | 7/-   |
| Low                           | 3        | 29—31T   | 6/6   |        |       |

### REGINA BODIES

|                 |      |
|-----------------|------|
| ORO ... ..      | 25/- |
| STANDARD ... .. | 10/- |

Available assembled and boxed in the following ratios:—

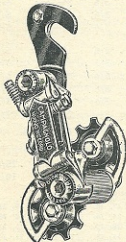
|                     |                     |                     |
|---------------------|---------------------|---------------------|
| 13, 14, 16, 17, 18. | 13, 15, 16, 17, 18. | 13, 15, 17, 19, 21. |
| 13, 16, 18, 20, 22. | 14, 15, 16, 17, 18. | 14, 15, 16, 18, 20. |
| 14, 16, 18, 20, 22. | 14, 16, 18, 20, 23. | 14, 16, 18, 20, 24. |
| 14, 16, 18, 21, 24. | 14, 16, 18, 21, 23. | 15, 17, 19, 21, 23. |

### REGINA REMOVERS

Solid block with heavy dogs to engage freewheel. Flats to fit vice or spanner. Centre hole large enough to clear Continental hub nuts. Case hardened ... .. 3/9

## CAMPAGNOLO GEARS

CAMPAGNOLO—undisputed leader in the design and manufacture of derailleur gears for over 20 years. Since 1948 when Bartali and Coppi fought their legendary Alpine battles using Campagnolo Corsa and Paris-Roubaix gears, constant development has ensured that racing and sporting cyclists are offered equipment to standards of engineering epitomised in the latest model—the most advanced and lightest—the Nuovo Record. CAMPAGNOLO gears are supplied with choice of “Covered cable” (full length outer casing and clips) or “Bare wire” (with short lengths of stainless steel outer and clips or stops/tunnels) for use on frames with no braze-on gear fittings. Down tube lever (right, left or twin) or Handlebar control.



### NUOVO RECORD GEAR

Lightest in the world. The latest example of Italian supremacy is made from a new alloy developed for use in rocketry. Fantastically light, the mechanism weighs only 7½ ozs. Designed to encompass a range of 13—36T, an extra length tension spring is carried in a close fitting sleeve, giving full support to the toothed Nylon sprockets. Widely spaced parallel arms, plus increased chain wrap and tension, allow the gear to operate over six speed free-wheels.

|                    |       |
|--------------------|-------|
| D/Tube control ... | 140/- |
| D/T control, bare  | 145/- |
| Handlebar control  | 155/- |
| H/B control, bare  | 165/- |

### NUOVO RECORD/RECORD ENSEMBLE

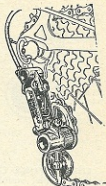
|   |       |
|---|-------|
| Front and rear systems with twin down tube control and twin cable clips ... | 215/- |
| D/T Ensemble with bare cable and stops ...                                  | 222/6 |
| Handlebar control, covered cables ...                                       | 245/- |
| Handlebar control with bare cables and stops ...                            | 255/- |

## CAMPAGNOLO GEARS

### RECORD REAR GEAR

Developed from the Gran Sport which first introduced the “deformable parallelogram” system to modern cycle gearing. The twin arms maintain the roller cage in a fully supported upright position beneath the selected freewheel sprocket. Chain line is so exact that the gear will function on any selected sprocket if both cable and return spring are disconnected. Suitable for 4, 5 or 6 speed free-wheels with a range of 13—36T. Complete with D/tube control

|                            |       |
|----------------------------|-------|
| D/T control, bare cable    | 110/- |
| Handlebar control, covered | 115/- |
| H/bar control, bare cable  | 125/- |
|                            | 135/- |



|  |       |
|--|-------|
| RECORD/RECORD ENSEMBLE. Front and rear systems with twin down tube covered control | 185/- |
| Ensemble with bare cable and double stop clips                                     | 192/6 |
| Handlebar Control, covered cable   | 215/- |
| Handlebar Control with bare cable and stop clips                                   | 225/- |

### RECORD CHANGER

A most efficient changer, particularly when used with wide racing ratio Strada chainsets. Incorporating the same principles as the rear mechanism. Simple in operation as all good gears are, the cage is mounted on short arms which form the parallel action. The single coil spring holds the arms in position, and returns the cage to normal. Hinged alloy clip fixes gear to seat tube.

N.B. Hinged clip is exact fit to seat tube, do not fit over tape or clip may fracture when tightened.

|   |       |
|---|-------|
| Changer complete, Left D/Tube covered controls    | 80/-  |
| D/T. Bare cable, stainless outer casing and clips | 85/-  |
| Handlebar control, covered cable                  | 90/-  |
| Handlebar control with bare cable and stop clips  | 100/- |





## CAMPAGNOLO GEARS

### GRAN SPORT

The original twin roller gear that introduced the now almost universal system of parallel arms which allow the cage to traverse without loss of support when extended. Produced in heavily chromed brass mouldings machined to fine tolerances, moving parts are bronze bushed for long life. Rollers are maintained in a vertical plane ensuring a smooth gear change every time.

Designed to operate over 5 speeds 14-26T.



|   |       |
|---|-------|
| GRAN SPORT GEAR complete with hanger            | 92/6  |
| Bare Cable, stainless outer casing and clips    | 97/6  |
| Handlebar Control model, longer cable, etc. ... | 107/6 |
| Handlebar Control Bare Cable, with clips ...    | 117/6 |

### GRAN SPORT ENSEMBLE

|   |       |
|---|-------|
| Front and rear systems with twin d/tube lever | 152/6 |
| Ensemble with Bare Cable and double clips ... | 160/- |
| Handlebar Control, covered cable ...          | 182/6 |
| Handlebar Control with Bare Cable and clips   | 192/6 |

### GRAN SPORT FRONT CHANGER

The first changer to have a fully enclosed action, fitting neatly behind the seat tube. Cable from a left-hand lever operates a lever transferring the thrust against the end of the cage bearing rod. The shaft is set at an angle so that the space between cage and rings remains constant, resulting in a clean change every time.

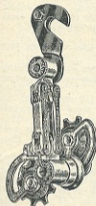
|  |      |
|--|------|
| With left d/tube lever on twin clip ...          | 65/- |
| Bare Cable, stainless outer casing and clips ... | 70/- |
| Handlebar Control, covered cable ...             | 75/- |
| Handlebar Control with Bare Cable and clips      | 85/- |



## SUPER VALENTINO

A greatly improved version of the original Valentino gear. Produced by Campagnolo to meet the need of a competitively priced mechanism for use on lightweight sports cycles.

Based on the accepted parallelogram principle and incorporating simple screwdriver adjustment, the Super Valentino has ample "throw" for five speed 3/32" gearing, coupled with a double chainset if required. The tensioned cage allows for operation over a range from 13 to 32 teeth. The latest Nylon toothed jockey sprockets are smooth and silent during "change" and "drive". Supplied with Valentino R/H Down Tube control lever and inner wire ... 37/6



**ENSEMBLE.** Though not supplied separately a Super Valentino front changer is available when eight or ten speeds are preferred. Similar in principle to the Gran Sport front changer, it is supplied as an Ensemble with the rear mechanism together with Valentino twin lever and cables 70/-

### CAMPAGNOLO SPECIALIST ACCESSORIES

**LEVER COVERS.** Specially moulded to fit both Down Tube and Handlebar levers. In a variety of colours each 1/-

**SPOKE DISC No. 55.** Fits on the hub behind freewheel and protects spokes should the chain become derailed ... 5/6

### GEAR STOPS FOR BARE WIRE GEARS

|   |     |
|---|-----|
| No. 626/A. Down tube tunnel and stop for ensemble 8/3 |     |
| No. 627/A. Down tube tunnel R/H for gear ...          | 5/6 |
| No. 628. Down tube stop L/H for front changer         | 4/3 |
| No. 629. Down tube double stop for H/B controls       | 4/6 |
| No. 636. Chainstay gear cable stop ...                | 3/- |



## CAMPAGNOLO SPECIALIST ACCESSORIES



### SEAT PINS

Exact adjustment of saddle angle combined with adequate forward movement and absolute rigidity. The pin is machined from an aluminium forging and saddle cradle parts are of forged steel finished in satin chrome.

Sizes: 26.2, 26.4 (our No. 3), 26.8 (No. 4), 27.0, 27.2 (No. 5).

**Model 1044 Standard** (illustrated) has cradle for any normal two wire saddle and dispenses with the usual saddle clip. State size ... .. 55/-

**Model 1045.** With narrow cradles (20 mm, wide) for special Brooks/Campagnolo and some Continental saddles with narrow two wire frames ... .. 55/-

**QUICK RELEASE SEAT BOLT.** An ingenious bolt with cam tightening operated by q/release lever 15/-

**PUMP CLIPS, HOLDERS, etc.**

632. PORTA POMPA cradle. Holds handle of pump 7/6

633. PORTA POMPA cradle with twin H/B stops 8/9

630. Clip-on tunnel and stop with pump holder D/T 7/6

631. Clip-on tunnel and stop with pump holder S/T 7/6

647. Adaptor shim when fitting 632 to T/T ... 1/9

648. Campagnolo pump peg only ... .. 4/6

The above clips allow a pump to be fitted in almost any position, with or without pump adaptor 1030. (Page 72)

**BRAKE CABLE CLIPS.** 649. Very neat. Set of 3 4/6

**CYCLO-CROSS** Chainset flanges. See page 41.

## CAMPAGNOLO GEAR SPARES

### DISTRIBUTED TO THE TRADE IN SACHETS

Details as Campagnolo trade list.

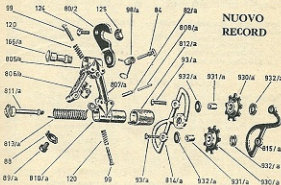
#### CABLES AND CABLE CLIPS

|                              |     |                             |     |
|------------------------------|-----|-----------------------------|-----|
| No. 145 H'bar rear inner     | 4/- | No. 218 H'bar front inner   | 3/6 |
| .. 146 H'bar rear outer      | 3/- | .. 219 H'bar front outer    | 2/6 |
| .. 605 D/tube rear outer     | 2/3 | .. 606 D/tube rear inner    | 1/9 |
| .. 607 D/tube front outer    | 2/- | .. 608 D/tube front inner   | 1/6 |
| .. 622 Rear S/steel outer    | 2/6 | .. 623 Front S/steel outer  | 2/3 |
| .. 624 S/steel outer, c/stay | 2/- | .. 625 S/steel outer, H'bar | 5/9 |
| Cable clips with bolts       | 1/3 | .. 171/2 Nut/bolt for clips | 6d. |

## CAMPAGNOLO GEAR SPARES Cont.

### LEVERS AND LEVER SPARES

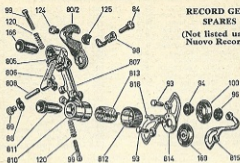
|                             |      |                             |      |
|-----------------------------|------|-----------------------------|------|
| No. 1012/3 H'bar control    | 25/- | No. 1014 Twin D/tube lever  | 28/6 |
| .. 1013/1 Rt. D/tube lever  | 14/6 | .. 1015 Left D/tube lever   | 14/6 |
| .. 1204 Valent. rt. lever   | 10/6 | .. 1205 Valent. left lever  | 10/6 |
| .. 1206 Valent. twin lever  | 16/6 | .. 137 H'bar expan. screw   | 2/-  |
| .. 138 H'bar sector, each   | 1/3  | .. 139/1 Pivot lock nut     | 1/-  |
| .. 139/2 Hexagonal screw    | 1/-  | .. 140/1 Pivot screw        | 1/-  |
| .. 142 Segment retainer     | 3d.  | .. 173 Lever cover          | 1/-  |
| .. 174 Friction washer      | 3d.  | .. 174/1 Friction washer    | 3d.  |
| .. 200/2 H'bar cont. body   | 8/6  | .. 201 H'bar lever only     | 6/9  |
| .. 600 Right lever collar   | 5/-  | .. 600/2 Right back plate   | 1/3  |
| .. 601 Rt. D/t. lever only  | 7/6  | .. 602 Left lever only      | 5/-  |
| .. 603 Friction cover plate | 6d.  | .. 604 Friction adj. screw  | 9d.  |
| .. 604/1 Frict'n adj. w/nut | 1/6  | .. 609 Clip nut and bolt    | 1/6  |
| .. 610 Twin lever collar    | 15/- | .. 611 Left lever collar    | 7/6  |
| .. 611/2 Left back plate    | 1/3  | .. 612 Cable stop           | 6d.  |
| .. 619 Cable ferrule        | 3d.  | .. 660 Braze-on boss        | 1/6  |
| .. 661 Brazed boss collar   | 3d.  | .. 677 Cover plate washer   | 3/6  |
| .. 1200 Rt. pressed collar  | 4/6  | .. 1201 Left pressed collar | 3/-  |
| .. 1202 Twin pressed collar | 3/6  | .. 1203 Dogged cover plate  | 6d.  |



### NUOVO RECORD

|                              |       |                               |      |
|------------------------------|-------|-------------------------------|------|
| Mech. less lever and cable   | 124/- | No. 805/A Bis. Parallelogr.   | 65/- |
| No. 80/2 Gear fixing plate   | 1/6   | .. 166/a Upper pivot bolt     | 8/-  |
| .. 82/a Bronze pivot bush    | 1/3   | .. 808/a Pivot rivet          | 9d.  |
| .. 84 Traverse spring bolt   | 1/6   | .. 811/a Tens. pivot bolt     | 10/6 |
| .. 88 Cable fixing plate     | 9d.   | .. 812/a Tens. spr. sleeve    | 9/-  |
| .. 89 Cable clamp screw      | 9d.   | .. 813/a Tension spring       | 2/-  |
| .. 93 Roller axle bolt       | 1/6   | .. 814/a Outer cage plate     | 13/- |
| .. 98/a C.P. traverse spring | 1/6   | .. 815/a Inner cage plate     | 9/6  |
| .. 99 Adjuster screw         | 1/3   | .. 930/a Toothed nylon roller | 1/6  |
| .. 120 Adjuster screw spring | 3d.   | .. 931/a Bronze roller bush   | 9d.  |
| .. 124 Fixing plate bolt     | 6d.   | .. 932/a Roller dustcap       | 6d.  |
| .. 125 Fixing plate nut      | 9d.   |                               |      |

## CAMPAGNOLO GEAR SPARES Cont.



### RECORD GEAR SPARES (Not listed under Nuovo Record)

|                             |      |                            |      |
|-----------------------------|------|----------------------------|------|
| Mech. less lever and cable  | 94/- | No. 805 Bis. Parallelogram | 45/- |
| No. 98 C.P. traverse spring | 1/3  | .. 166 Upper pivot bolt    | 5/6  |
| .. 308 Pivot pin rivet      | 9d.  | .. 811 Tension pivot bolt  | 6/9  |
| .. 812 Tension spring cap   | 4/3  | .. 813 Tension spring      | 2/-  |
| .. 814 Outer cage plate     | 11/3 | .. 815 Inner cage plate    | 8/-  |
| .. 816 Cage stop screw      | 9d.  |                            |      |

### RECORD FRONT CHANGER

|                              |      |                           |      |
|------------------------------|------|---------------------------|------|
| Mech. less lever and cable   | 65/- | No. 609 Body clamp bolt   | 1/6  |
| No. 773 Body and half clip   | 18/9 | .. 774 Adjusting screw    | 9d.  |
| .. 775 Adj. locking spring   | 3d.  | .. 777 Body clamp nut     | 6d.  |
| .. 778 Cable clamp arm       | 9/-  | .. 779 Cable clamp bolt   | 1/-  |
| .. 780 Cable clamp washer    | 9d.  | .. 782 Lower pivot arm    | 7/-  |
| .. 784 Cage only             | 12/6 | .. 784 Bis. Cage complete | 14/6 |
| .. 785 Bronze pivot bush     | 3d.  | .. 786 Upper pivot rivet  | 3d.  |
| .. 787 Tension coil spring   | 1/3  | .. 788 Lower pivot bolt   | 1/3  |
| .. 789 Pivot bolt/spacer nut | 6d.  | .. 790 Cage spacer        | 6d.  |
| .. 791 Cage spacer bolt      | 6d.  |                           |      |

### GRAN SPORT REAR MECHANISM

|                            |      |                            |      |
|----------------------------|------|----------------------------|------|
| Mech. less lever and cable | 76/6 | No. 126 Bis. Parallelogram | 35/- |
| No. 80/2 Gear fixing plate | 1/6  | .. 84 Trav. spring bolt    | 1/6  |
| .. 88 Cable fixing plate   | 9d.  | .. 89 Cable clamp screw    | 9d.  |
| .. 90/1 Roller stop screw  | 9d.  | .. 92 Inner roller plate   | 5/6  |
| .. 93 Roller axle bolt     | 1/-  | .. 94 Roller cone bolt     | 1/9  |
| .. 96 Roller cone adj.     | 1/3  | .. 98 C.P. traverse spring | 1/3  |
| .. 99 Adjuster screw       | 1/3  | .. 100 Roller only         | 6/6  |
| .. 114/1 Spring retainer   | 1/-  | .. 120 Adj. screw spring   | 3d.  |
| .. 124 Fixing plate bolt   | 6d.  | .. 125 Fixing plate nut    | 9d.  |
| .. 166 Main pivot bolt     | 5/6  | .. 167 Tension spring      | 1/6  |
| .. 168 Outer roller plate  | 6/-  | .. 169 Roller complete     | 8/6  |
| .. 506 Tension pivot bolt  | 4/-  |                            |      |

### GRAN SPORT FRONT CHANGER

|                            |      |                            |      |
|----------------------------|------|----------------------------|------|
| Mech. less lever and cable | 50/- | No. 202 Main body          | 18/- |
| No. 203 Inner control arm  | 1/6  | .. 204 Cage bearing rod    | 1/3  |
| .. 205/6 Cable clamp       | 1/6  | .. 209 Inner main spring   | 1/3  |
| .. 210 Frame clip bolt     | 1/-  | .. 211 Frame half clip     | 2/-  |
| .. 212 Pivot arm screw     | 9d.  | .. 213 Cage fixing bolt    | 9d.  |
| .. 214 Cage only           | 12/6 | .. 214 Bis. cage complete  | 14/6 |
| .. 215 Cage spacer bolt    | 6d.  | .. 216 Cage spacing roller | 9d.  |
| .. 217 Cage spacer nut     | 6d.  | .. 226 Adj. bolt spring    | 3d.  |
| .. 227 Adjuster bolt       | 6d.  |                            |      |

### SUPER VALENTINO REAR GEAR

|                            |      |                              |      |
|----------------------------|------|------------------------------|------|
| Mech. less lever and cable | 25/6 | No. 2200 Bis. Parallelogram  | 12/6 |
| No. 80/3 Gear fixing plate | 1/3  | .. 124 Fixing plate bolt     | 6d.  |
| .. 780/1 Clamping washer   | 9d.  | .. 913 Cable clamp nut       | 6d.  |
| .. 914 Fixing plate nut    | 9d.  | .. 926 Inner cage plate      | 2/6  |
| .. 933 Roller axle bolt    | 6d.  | .. 912 Outer cage plate      | 2/3  |
| .. 2153 Tension pivot bolt | 3/3  | .. 2154 Spring retaining cap | 9d.  |
| .. 2155 Tension spring     | 1/3  | .. 2205 Upper pivot bolt     | 2/6  |
| .. 2209 Traverse spring    | 1/6  | .. 222 Cable fixing pin      | 1/3  |
| .. 2213 Pivot spacer       | 3d.  | .. 2214 Pivot washers        | 3d.  |
| .. 2215 Adj. screw long    | 6d.  | .. 2216 Adj. screw short     | 6d.  |
| .. 2217 Adj. screw spring  | 3d.  |                              |      |

### VALENTINO REAR (where different to Super)

|                             |     |                          |     |
|-----------------------------|-----|--------------------------|-----|
| No. 780 Cable clamp washer  | 9d. | No. 930 Roller           | 3/6 |
| .. 931 Roller bush          | 9d. | .. 2204 Outer cage plate | 4/6 |
| .. 2206 Spring holding bolt | 5/- | .. 2207 Spring retainer  | 1/- |
| .. 2208 Tension spring      | 1/- |                          |     |

### VALENTINO FRONT CHANGER

|                            |      |                             |     |
|----------------------------|------|-----------------------------|-----|
| No. 1602 Inner control arm | 1/-  | No. 1603 Cage bearing rod   | 2/- |
| .. 1604 Tension spring     | 9d.  | .. 1605 Control pivot screw | 6d. |
| .. 1606 One-piece cage     | 5/6  | .. 1607 Cage clamping bolt  | 6d. |
| .. 1601 Main body          | 12/6 |                             |     |

### CYCLO/BENELUX GEARS

**SPORT P2.** Designed as an "equipment" gear for the British sports cycle, the P2 is light in construction. Based on the popular parallelogram action the gear is efficient over 5 speed freewheels with a double chainring if used.

Complete with D/Tube control ... .. 47/3

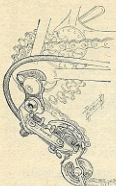
**SPORT P2 FRONT CHANGER.** Has a deep cage to accommodate wide jumps between chainrings. Supplied with left lever on double D/Tube clip to pair with the P2 rear gear ... .. 33/1

**MARK 8 TOURIST.** Designed to operate over wide touring ratios. The lower "pulley" is mounted on a long arm controlled by a powerful tension spring to absorb the great variations in chain length ... 36/9

## HURET GEARS

### SVELTO 2000 Gear

Based on the principles employed by the well known Allvit models. Of simple construction, made entirely from steel plates, the parallelogram body pivots between two dead stops on the hanger plate. A powerful spring controls traverse movement over 3 to 6 speed f/wheels limited by sprung screws adjusted against a peg on the front plate. A well spaced roller cage for  $\frac{1}{4}$ " or  $\frac{1}{8}$ " chain plus a double coil spring allows for a difference of 32 teeth. Complete with D/T control ... 31/-



**SVELTO ENSEMBLE 2060**, as above, with the 600 front changer illustrated opposite. With twin down tube control lever ... 60/-

### LUX 2100 REAR (Latest from Huret)

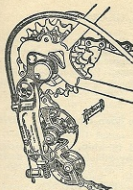
The most recent Huret gear operates from a single heavy gauge arm which pivots between dead stops on the hanger. The spring supplying traverse control is concealed within the lower pivot of the parallelogram plates. Throw is limited by sprung screws. Well spaced rollers are nylon capped with simple adjustment to double coil tension spring by stops on roller cage 63/-

### LUX 700 FRONT

A sturdy cage is mounted on a horizontal bar carried by two short parallel arms pivoting on the S/tube clamp. Covered tension spring on outer pivot returns cable operation by clamp on other pivoted arm. Throw limited by sprung adjusting screws ... 36/-

### LUX ENSEMBLE 2170

Combining the two latest Huret gears by means of twin down tube control and double clips. A very well finished ensemble ... 96/-

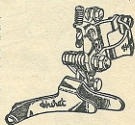


### ALVIT ENSEMBLE 1960

Rear 1900 and front 600 gears as illustrated, are combined with twin down tube controls to produce an efficient 8 or 10 speed system ... 70/-

### No. 600 Front

Developed from parallelogram system of flat plates used in the rear gear. Cage adjustment is by draw bolt clamp on bearing rod. Outward throw limited by spring adjusting screw. Supplied with left down tube lever on twin collar so that existing right lever may be converted to twin ... 30/-



## HURET GEARS

**ALLVIT 1900.** The most popular gear by this French firm employs a parallelogram action via strong pressed plates with adjustable pivots. The action is mounted in a chrome plated arm of stiff 'U' section. A double roller cage, with vertical as well as lateral movement, ensures a good chain-wrap that will allow differences of 15 teeth on rear and 15 teeth on front changer.

41/-

## STURMEY ARCHER HUB GEARS

A.W. Standard wide ratio 3 speed. Flick control 52/-  
F.W. Standard wide ratio 4 speed. Flick control 55/6

## BENELUX STURMEY ARCHER CONVERSION

Mk7. Two speed, doubles hub gear range (less block) 33/-  
Conversion block complete with two sprockets 20/8

## SIMPLEX GEARS

### CRITERIUM

Developed from the earlier 'Prestige' gear, this model is more robust and heavier in construction. Mounted on a very solid hanger, the upper and lower pivots are sprung, inside a plastic housing. Chain tension allows a maximum 37 tooth change, up to 28 tooth rear cog. Supplied with white plastic control lever ... 77/3

### CRITERIUM ENSEMBLE

With AV 223 front and twin down tube control 109/3

### FRONT No. AV 223

Simple Mechanism enclosed in white plastic housing operates rod mounted cage, by cable from plastic down tube control ... 35/-



### PRESTIGE 537

This model was an entirely new approach to cycle gearing. The main parallelogram is made of plastics claimed to stand far more distortion than steel. The one model operates silently and efficiently over all types of ratios with a range of up to 32 teeth. No maintenance is required as the Nylon rollers and body pivots are self lubricating. Complete with white plastic lever and chrome clip.

No. 537P. Std. model 39/9

No. 537N/C for use with forged rear hanger 39/9

### PRESTIGE ENSEMBLE

With AV 223 front gear and lever, plastic control 72/9

Handlebar Control, with white outer casing ... 29/9

With Relais 2343 to increase cable movement control 45/-

## HANDLEBARS GIRO DI SICILIA

Made for the professional rider in a full 16" width and favoured by many home based Pro's, who appreciate the extra power and control that can be obtained from a 'shoulder-width' bend.

Current trends are away from narrow bars so that this attractive 'Il Primo Extra' bend is both fashionable and practical. Smoothly formed from  $\frac{1}{8}$ " alloy tube, a long raised centre allows an internal reinforcement to give strength where most needed. Engraved with the 'Il Primo' badge and 'map of Sicily', this bend is similar in shape to the ever popular Maes; but slightly larger in all dimensions—with 6" drop and  $4\frac{1}{2}$ " forward throw 22/6

**G.B. REINFORCED BENDS** with engraved ferrule Made by the famous British firm, headed by an experienced ex-racing man, the following bends are top quality and offer a range to suit all purposes.

**Tourmalet.** Between Maes and Ventoux.  $5\frac{1}{2}$ " x  $15\frac{1}{2}$ " x  $3\frac{1}{2}$ "  
**Ventoux.** As Maes but 1" deeper and  $\frac{1}{2}$ " further forward 19/6

**G.B. ALLOY BENDS** with engraved ferrules

**Maes.**  $15$ " x  $5\frac{1}{2}$ " x  $3\frac{1}{2}$ ". **Road Champion.**  $15\frac{1}{2}$ " x  $6\frac{1}{2}$ " x  $2\frac{1}{2}$ ".

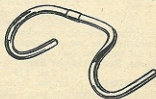
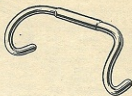
**Touring.** A wide bend 4" forward and 4" drop 17/6

**G.B. FLAT ALLOY BENDS (Plain)**

**All Rounder.**  $23$ " x  $1\frac{1}{2}$ " x  $3$ ". **Comfort.**  $19\frac{1}{2}$ " x  $1\frac{1}{2}$ " x  $3$ " 12/6

### ALLES MAES

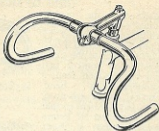
Most popular of all bend shapes, the 'squareness' giving a comfortable hold in all positions. Brake levers do not 'splay' when fitted high on the curve. Heavy gauge  $\frac{1}{8}$ " alloy 13/6



## HANDLEBARS

### FIAMME

Produced in the ever popular 'Maes' shape by the famous Italian firm who specialise in light duralumin components. Made extremely strong, to combat arduous racing over poor road surfaces. The  $1\frac{1}{4}$ " alloy bend has a wide external reinforcement ferrule. Engraved with the trade marks 'FIAMME' and a 'Knight's head'. Sizes  $14\frac{1}{2}$ " wide, with  $5\frac{1}{2}$ " drop and 4" forward throw 26/11



### STEEL BENDS

**CINELLI**  
This Italian concern has for many years produced highly polished chrome plated  $\frac{1}{8}$ " steel bends in a wide variety of shapes. A few of the more popular are offered:

#### ROAD PATTERN ENGRAVED FERRULE

No. 17B Giro d'Italia,  $15\frac{1}{2} \times 5\frac{1}{2} \times 4\frac{1}{2}$ " with 1" centre 27/-

#### ROAD PATTERN PLAIN with short centre ferrule:

No. 15 Tour of Britain,  $15\frac{1}{2} \times 6\frac{1}{2} \times 3\frac{1}{2}$ "  $\frac{1}{8}$ " diam.

No. 16 Campione del Mondo,  $15\frac{1}{2} \times 5\frac{1}{2} \times 3\frac{1}{2}$ " reach 24/-

#### TRACK PATTERN PLAIN. Heavier gauge steel.

No. 14 Pista,  $15\frac{1}{2} \times 7\frac{1}{2} \times 5\frac{1}{2}$ " deep.  $\frac{1}{2}$ " with 1" centre.

No. 18 Madison,  $14\frac{1}{2} \times 6\frac{1}{2}$ " deep and  $4\frac{1}{2}$ " reach 27/-

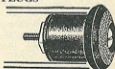
## HANDLEBAR PLUGS

### CONTINENTAL

A strong rubber plug locked solid into the bars by means of an expander bolt. Black, White, Red, Green or Blue

Pair 1/9

**IL PRIMO.** A simple, rubber plug with the barrel threaded for positive grip. Black, White, Green, Red, Blue ... .. Pair 1/-

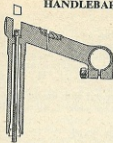


## HANDLEBAR STEMS ALLOY

### IL PRIMO DE LUXE

The Stem with Everything.

Precision made from a solid forging. Expander bolt head is concealed beneath a flush fitting cap. Supplied with hole for centre-pull brake cable drilled through badge, or solid, as required. Lengths: 8, 9, 10, 11 or 12 cms. ... .. 39/11



### FIAMME

A highly polished stem from the Italian makers that really specialize in light-weight cycle components. Solid forged and accurately machined, this strong stem is fitted with a steel draw-bolt, surmounted by an easily identified 'F'. Lengths: 8 to 12 cms. ... .. 30/-



## G.B. HANDLEBAR EXTENSIONS

New Style stems made from solid forgings in light alloy. Following the Continental trend with flush back lap and 'rounder' clip set central to the extension.

|                           |     |     |     |      |
|---------------------------|-----|-----|-----|------|
| 7 cm. ( $2\frac{1}{2}$ "  | ... | ... | ... | 23/- |
| 9 cm. ( $3\frac{1}{2}$ "  | ... | ... | ... | 24/6 |
| 11 cm. ( $4\frac{1}{2}$ " | ... | ... | ... | 26/- |

**Spearpoint Alloy.** Made from solid as the above, but with the oval section finished off by a long spearpoint running from the lap to the semi underslung clip.

|                   |     |      |                   |     |      |
|-------------------|-----|------|-------------------|-----|------|
| 2"                | ... | 17/6 | 2 $\frac{3}{4}$ " | ... | 18/- |
| 3 $\frac{1}{2}$ " | ... | 19/9 | 4"                | ... | 21/- |

**RECORD ALLOY STEM.** 2 $\frac{1}{2}$ " underslung clip 16/6



## HANDLEBAR STEMS (STEEL)

### CINELLI

**PLAIN STEEL.** Good looking steel stems from the famous firm of Cinelli cycle makers from Milan. The heavily chromed stems are distinguished by extra-wide handlebar clips. All joints are smoothly brazed with very clean lines. Various lengths: 2 $\frac{1}{2}$ ", 3 $\frac{1}{2}$ ", 3 $\frac{3}{4}$ ", 4 $\frac{1}{4}$ ", 4 $\frac{3}{4}$ ", or 5 $\frac{1}{4}$ ", all at ... .. 33/6

**CINELLI BADGED.** As above but with the addition of a colourful Cinelli crest badge. Very smart. All sizes 36/6

### HANDLEBAR TAPE



**TWILL.** Most popular of the many twill tapes available, the "Allez" has for many years been the favourite among discerning Club Riders. Definitely non-slip in use, a cool grip is provided by

the herringbone pattern.  $\frac{1}{2}$ " wide and well coated with adhesive that will not 'slip' when warm. **Black, White, Red, Yellow, Green, Orange, Royal and Light Blue.**  
Roll ... .. 2/-

### IL PRIMO. EMBOSSED PLASTIC

The ideal tape for those who prefer the brighter colours of plastic with the added advantage of a cleaner grip.

**Non-adhesive,** there are no sticky edges to gather fluff and dirt, and the surface is easily cleaned. Embossed for positive grip, the tape should be wound over itself at the top of the 'bar and tucked under a plug to hold into position. Four yard lengths of  $\frac{1}{2}$ " width. **Black, Green, White, Yellow, Ice Blue, Sapphire and Magenta.**

Roll ... .. 1/6

### HANDLEBAR STEM SPARES

**IL PRIMO.** Expander Bolts 4/6 Clip Bolts 2/6

Rubber caps for expander socket. Red, Blue or Green 1/-

**CINELLI.** Expander Bolts ... 2/- Clip Bolts 1/6

**FIAMME.** Expander Bolts ... 2/6 Clip Bolts 2/6

**G.B.** Expander Bolts ... 1/3 Clip Bolts 1/-

## HEAD FITTINGS

### CAMPAGNOLO (illustrated)

The famous Italian firm offer two models, both with precision ground, absolutely true, bearings. The races are highly polished and coated with special hard chrome. The Road model has  $\frac{3}{8}$ " balls in a special cage and the Path model runs on 26 balls  $\frac{3}{8}$ " in upper and lower races. Screwed race and locking nut are flatted to fit octagonal spanner. Care must be taken when fitting to ensure that the finely machined races are absolutely square and then the set will give long service. **N.B. Races may be easily pitted during the assembly. Do not over-tighten when fitting and lock back screwed race on to hanger when centre pull brakes are used or top nut will loosen. Extra column length is required for 'Road' set. Fit 'Path' if a set of another make is being replaced.**

Road set No. 1039.  $\frac{3}{8}$ " balls ... .. 60/-

Path set No. 1040.  $\frac{15}{32}$ " balls ... .. 60/-



### T.D.C. HEADSETS. $\frac{3}{32}$ "

**Prima.** Continental  $\frac{3}{32}$ " cup and cone pattern. Good quality bearings with wide chamfered outer faces. Neatly knurled races, 20 gauge only ... .. 11/6

**Italia.** Basically the same as the above, the outer faces of the races follow the shape of the balls. The screwed race is dogged for adjustment and counterbored, the spacer sitting into the race. 20 or 22 g. ... 10/3

**Continental S.** With  $\frac{3}{32}$ " races of 'V' design. Decagon serrated screwed race and locking washer, 20 g. 12/-

**Super K.**  $\frac{3}{32}$ " inserted cup and cone races. Octagonal screwed race, lock-nut. With keyed spacing collar. 20 or 22 g. ... .. 7/9

**Continental J.**  $\frac{3}{32}$ " cup and cone bearings. Knurled adjustment, 20 g. only ... .. 7/9

### STRONGLIGHT. $\frac{3}{32}$ "

**Competition.** French set with 'V' type lower races. Alloy serrated collar allows finger adjustment 32/6

**P.3.** Similar, with all cup and cone type bearings 20/-

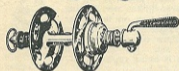
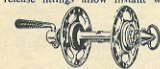
**NYFOR NYLON.** Made entirely from Nylon in three colours. Black, Grey or White.  $\frac{3}{32}$ " bearings ... 7/6

**CHATER LEA.** Headclip. Best  $\frac{1}{4}$ " set ever made 21/6

## CAMPAGNOLO QUICK RELEASE HUBS

### RECORD ALLOY STRADA LARGE FLANGE

Without doubt the finest hub made. Precision machined from solid alloy so that there is no movement between flanges and barrel. Distinctive flange cut-outs give maximum weight saving. The famous 'blocage' quick release fittings allow instant wheel removal but lock home solidly into position.



Drilled 32/40, 36/36, 28/28 and 32/32.

Single sided gear only.

Front ... 62/6 Rear ... 72/6 Pair ... 135/-

**STRADA SMALL FLANGE.** Constructed as the large flange—both types have the flanges set in to give a strong balanced wheel with minimum 'dishing' on the gear side. Pair ... .. 125/-

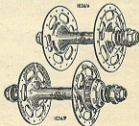
**PISTE LARGE FLANGE.** Designed to meet the heavier stresses of track work. The solid shell ensures there is no loss of effort between cog and spokes. Front hub is built on a heavier than usual spindle using  $\frac{1}{2}$ " balls (special size track nuts are supplied).

Drilled 32/40, 36/36, 28/28, 32/32.

Front Hub ... 55/6

Rear Single fixed only 64/6

Pair, with Lock Ring 120/-



The special conical adjuster incorporates two bronze pads sprung so that the skewer cannot vibrate out of adjustment when wheel is carried as a spare or during rapid tyre changes.

## CAMPAGNOLO NOUVO TIPO

### SMALL FLANGE.

Simple one piece alloy shells mounted on good quality bearings with light quick-release fittings. Adjustment is locked by a nylon insert in nut. Drilled 32/40 and 36/36.



Front hub complete 35/- Rear hub complete 40/-  
Pair. Single sided for gear only ... .. 75/-

**LARGE FLANGE.** As above but with strong alloy flanges drilled for lightness, on one piece shell.

Front hub complete 42/- Rear hub complete 48/-  
Pair. Single sided for gear only ... .. 90/-

### RECORD HUB SPARES

|   |      |  |      |
|---|------|--|------|
| 1001/4S Front hollow spindle comp. Record | 11/- | 1006/5S Rear hollow spindle comp. Record | 13/6 |
| Front Blocage complete                    | 18/6 | Rear Blocage complete                    | 18/6 |
| 19 Ft. Spindle locknut                    | 1/-  | 18 Conical skewer spring                 | 9/6  |
| 25/R Ft. Q/R spindle only                 | 4/6  | 29 Rear spindle only                     | 5/6  |
| 33 Rear spindle 1/nut                     | 1/9  | 32/R Rear Record cone                    | 3/6  |
| 36 Rear spindle washer                    | 6d.  | 35 Ft. spindle washer                    | 6d.  |
| 59 Conical adj. comp.                     | 9/6  | 46 Rear spacing collar                   | 9d.  |
| 61 Q/R lever complete                     | 4/6  | 60 Q/R lever housing                     | 4/-  |
| 65 Rear skewer only                       | 4/6  | 64 Ft. skewer only                       | 4/6  |
| 737 Ft. Record ball cup                   | 5/-  | 738 Rear Record ball cup                 | 5/-  |
| 739 Ft. Record dust cap                   | 1/9  | 740 Rear Record dust cap                 | 1/9  |

|                             |      |                          |      |
|-----------------------------|------|--------------------------|------|
| Track Front spindle comp.   | 12/- | Track Rear spindle comp. | 14/- |
| 19/P Track Ft. spindle only | 5/9  | 29/P Rear Track spindle  | 6/3  |
| 33/P Track Rear 1/nut       | 1/9  | 743 Sprocket lock ring   | 3/6  |

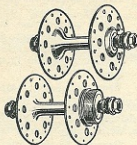
### NOUVO TIPO SPARES (where different to Record)

|                            |      |                          |      |
|----------------------------|------|--------------------------|------|
| 1310 Front Blocage         | 12/- | 1311 Rear blocage        | 12/- |
| 1001/4 Front spindle comp. | 10/- | 1256 Rear spindle comp.  | 13/6 |
| 25 Front cone              | 2/9  | 32 Rear cone             | 2/9  |
| 1270 Front inserted race   | 2/3  | 1271 Rear inserted race  | 2/6  |
| 1272 Front dust cap        | 1/-  | 1273 Rear dustcap        | 1/-  |
| 1283 Rear locknut          | 1/3  | 1283/A Rear spacer 1/nut | 3/6  |
| 1301 Chrome cant cap       | 3/3  | 1302 Q/R lever           | 3/6  |
| 1303 Circlip for lever     | 3d.  | 1304 Conical spring      | 6d.  |
| 1305 Front skewer          | 4/-  | 1306 Rear skewer         | 4/-  |
| 1307 Knurled adj. nut      | 3/-  | 1309 Washer for skewer   | 3d.  |



## LE TOUR ALLOY HUBS

Continental made hubs of 'one piece' construction for solid drive and trouble free use. Fitted with good quality bearings. Solid spindle. Threaded for gear one side and fixed sprocket on other.



Drilled 32/40 only.

**Large Flange** with medium size widely spaced flanges drilled for lightness ... 27/6

Front hub only ... 12/6

Rear hub only ... 15/-

**Small flange, pair** 17/6

Front hub only ... 7/9

Rear hub only ... 9/9

## BRITISH HUB CO.

### AIRLITE CONTINENTAL L/Flange



Sturdy polished alloy flanges set on narrow chrome plated steel barrels. Drilled 32/40, 36/36, 28/28 and 32/32, with various types of sprocket threading. All at ... 91/9

**Quick Release Model**, fitted to similar hubs, the front barrel is larger to take Q.R. spindle. Drilled 32/40 only. Pair ... 129/9

**Coloured Flanges.** On Large Flange standard drilling (32/40 hole) only. Anodized Red, Blue, Green or Gold. D/F and G/F only ... Extra per pair 6/-

### AIRLITE S/Flange

Polished alloy flanges on narrow steel barrels making an extremely light racing hub. Available in many different threadings, drilled, 32/40, 28/28, 32/32 ... 64/6

**Quick Release.** As above with Q/R fittings as illustrated. All threadings. 32/40 only ... 102/6



## BRITISH HUB CO.

**RACELITE. Large flange.** Light alloy hub at popular price. Gear/fixed or double fixed, drilled 32/40 only 38/3

**SOLITE. Small flange.** Light solid barrel, all steel hub with good bearings. G/F, D/F, S/S/G. Drilled 32/40 only ... 38/-

**DEFIANCE. Small flange.** Solid cast steel hub at popular price. G/F or D/F. Drilled 32/40 only 22/-

**AIRLITE TANDEM. Small flange.** Best tandem hub made. Light with slender steel barrel, strong alloy flanges. Drilled 32/40 only. Various threadings available ... 75/6

**AIRLITE CONTINENTAL TANDEM. Large flange.** As above with wide flanges that ease spoke replacement. 32/40 only ... 104/3

**SOLITE TANDEM. Small flange.** A good quality, all steel hub. Gear/fixed or double fixed, drilled 32/40 only ... 42/-

**TANDEM HUB BRAKES. Super Special.** Complete with all controls. 4 1/2" drums with 3/8" steel shoes. Equal flanges ... 171/-

## HUB COGS AND NUTS, ETC.

1 1/2" x 3/8" offset fixed sprockets, 12-22T ... 3/2

1 1/2" x 3/8" offset best quality sprockets, 12-22T ... 2/6

1 1/2" x 3/8" ditto, sizes 23-28T ... 3/6

1 1/2" x 3/8" Inch pitch, offset 6-10T ... 4/-

Lockring standard dogged pattern ... 8d.

Lockring for 12T sprocket undercut pattern ... 1/-

Spacer for fitting behind sprockets or freewheel 3d.

**ROSA. Track nuts, chrome plated, pair** ... 1/8

ditto. Bright cadmium plate finish, pair ... 1/4

**VENDOME. Chrome. Dome end nuts, pair** ... 2/4

**Bumper track nuts. Protect gear, pair** ... 3/1

**G.B. Alloy wing nuts. Single lever, pair** ... 6/-

Ditto for Sturmer Archer hub gears, pair ... 7/-

## DYNO-HUB

**GH6.** A most efficient form of trouble-free lighting used by many Club lads during the winter months. A Dyno-hub built into a spare front wheel saves worrying about batteries and is not subject to pulley slip in bad weather. Supplied with a 2" diam. headlamp and neat rear lamp ... 62/6

## LUCIFER DYNAMO SETS

Based on the No. 900 Dynamo which is self-lubricating and the finest cycle dyno ever. Guaranteed for two years.  
**Types 907F 'COMBI'** (lamp on dyno) **920 'AERO'**  
**909A 'BATTERY'** (two bulb lamp, standby battery) **52/6**  
**No. 914A 'AEROB'** (two bulb lamp) ... **57/6**  
**No. 900 Dyno only, with bracket. 6 volts, 3 watts** **33/-**  
**Headlamp only. 7F, 7D, 20A, 9A** **15/-** **No. 14A** **21/6**  
**Bulbs. 6v. 0.4 amp. Front, 6v. 0.1 amp. Rear** ... **11d.**  
**Pulley rubbers. Protect side of tyres** ... **9d.**

## LAMP BRACKETS

**PETERS.** Handlebar fitting. Strong chrome wire clip that raises lamp from vulnerable position on forks **3/-**  
**TERRY** handlebar clip, wing-nut fitting. Chrome **2/9**  
**Basket Pattern.** Spring clip over bar. Silver ... **1/6**  
**CONSTRUCTOR** Conloy with snatchproof locking screw and bolt for braze-on fork boss ... **4/-**  
**CHATER-LEA.** Cadmium plated with bolt ... **1/9**  
Chrome ... **3/-**  
**Clip-on bracket for oval fork blade, Chrome** ... **4/4**

## MAPS AND HOLDER

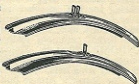
**BARTHOLOMEW'S** famous  $\frac{1}{2}$ " to the mile are ideal for the cyclist. On cloth. Nos. 1 to 59 normally stocked, others to order. Modern concertina fold ... **5/-**  
**PLETSCHER Alloy Omni-Holder.** Handlebar map holder ... **5/-**

## RACING MUDGUARD EXTENSIONS

### STAINLESS. Weimann

10". Strong ridged sections protects saddle and rider from wet. Highly polished. Pair ... **10/-**

**ALLOY** deep section as illustrated ... **Pair 5/9**



## OILERS

**VISIGUN** Oiler for use with tecalamit nipples ... **8/-**

**TECALAMIT** Nipples. Brass  $\frac{1}{8}$ " thread... **6d.**

**DERMIC OILER.** Hypodermic construction, ideal for continental hubs with small inlets ... **5/11**

Spare needles, straight 1/- Long, straight or curved 1/6

Replacement washers, correct size essential. pkt. **6d.**

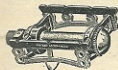
## CAMPAGNOLO PEDALS



Acknowledged the world over as the finest pedal ever produced. With polished alloy barrel of forged single unit construction, housing races of special hard chrome finish, for exceptional bearing life. The spindle is ground and polished nickel-chrome steel, the bearing radius and cone

finished in hard chrome. A 'rapid' oilgroove between the barrel and spindle combines with a perfectly fitted dustcap to prevent any dust penetrating. The frame, of best quality steel, carries two special clips retaining the toe-strap in the correct position. Aided by a small projection on the back-plate the clip can always be 'picked up' smoothly. Special provision is also made for the toe clip by two neat studs set in the front plate. All finished in exceptionally heavy chrome.

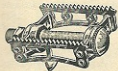
Strada Road patt. No. 1037 ... .. **110/-**



### PISTA Smooth Plates.

As Strada, but fitted with short steel side plates only 3" wide. Toe-clip bolts and 'pick-up' projection are incorporated.

No. 1038 ... .. **110/-**



### PISTA Toothed Plates.

This pattern is supplied with short side plates deeply cut into 'teeth'.

No. 1038/1 ... .. **110/-**

## PEDAL SPARES

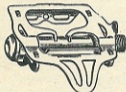
|                          |      |                           |      |
|--------------------------|------|---------------------------|------|
| No. 669 Left spindle ... | 13/- | No. 670 Right spindle ... | 13/- |
| .. 672 Inserted race ... | 3/3  | .. 673 Toothed washer...  | 6d.  |
| .. 674 Cone ...          | 2/3  | .. 675 Spindle lock nut   | 1/-  |
| .. 676 Toeclip bolt ...  | 1/-  | .. 677 Toeclip washer ... | 3d.  |
| .. 678 Inner dust cap... | 1/3  | .. 679 Polished dust cap  | 5/-  |

**Pedal Spanner No. 710.** Specially made to remove the knurled dustcap and loosen the cone locking nut.  
 Chrome ... .. **5/3**

## LYOTARD PEDALS

Finest range of alloy and steel pedals available at such moderate prices. Imported from France and ever increasing in popularity. There is a pedal to suit every aspect of cycling. Unsurpassed in their class. Spares are obtainable for all types listed.

**No. 23 Marcel Berthet** (illustrated). A very light platform type pedal weighing only 11 ozs. Will fit any size shoe. Provision is made for fitting shoeplates, a ridge just in front of the 'pick-up' tongue locating in the slot of the plate. Toe clip and Toe strap slots as in normal shaped pedal ... .. 21/6



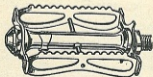
**No. 23L.** With long thread for alloy cranks ... 22/9

**No. 23T/F.** As illustrated but with toe clip screws 22/6

**No. 23T/FL** With long thread for alloy cranks 23/9

**Faucheux Road.** A neat single sided pedal with toothed side plates cut away underneath, weighing only 13 ozs. On a solid axle of 3 1/4" width, the end of the spindle is drilled for lightness ... .. 16/9

**No. 15 Bis. Tour de France.** Double-sided serrated frame on solid barrel. Width 3 1/4". Weight 15 ozs. ... 16/3  
With long thread for alloy cranks ... .. 17/6



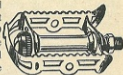
**No. 15S** (illustrated)

A popular single-sided pedal with cut-away side-plate, supported at the centre by a bridge to the solid centre barrel. A width of 3 1/4" will accommodate most shoe sizes. Weight 14 ozs. 17/-

## LYOTARD PEDALS (Contd.)

**No. 45S.** Neat quill all-steel pedal with a short solid centre barrel and strongly constructed frame. Width 3 1/4". Weight 13 ozs. ... .. 20/9

**No. 45 CA.** Made in the same pattern on the same steel barrel but with a light alloy frame which saves 2 ozs. Weight 11 ozs. ... .. 21/6

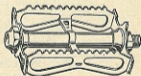


**No. 45TER.** Saving a further ounce this model has the alloy frame mounted on an alloy barrel, total weight 10 ozs. only ... .. 24/3  
With long thread for alloy cranks ... .. 25/6

**No. 460 Alloy.** Very light, double-sided serrated plates of 3 1/4" width with centre supporting brace ... 13/6  
With long thread for alloy cranks ... .. 14/9

**No. 460A.** Double-sided frame on a simple tubular barrel for general use. 3 1/4" wide. Weight 13 1/2 ozs. 10/6

**No. 462.** Most popular single sided pedal for all sports cycles. Very neat frame 3 1/4" wide on tubular steel barrel suitable for use with or without toe clips. Chrome plated. Only 12 1/2 ozs. 10/-



**No. 462.** T/F as above with T/clip fixing screws 11/-

**PHILLIPS Apollo.** A neat double-sided lightweight steel pedal. Chrome plated. Weight 16 ozs. ... 9/11

## PUMPS

### CAMPIONE RECORD

Without a doubt the finest pump for the sporting cyclist. Made in Italy from good quality materials, and supplied with a Campagnolo 'push-on' adaptor integrally fitted. Available in a selection of finishes: **Red, Blue, Lime, Green, Gold** or polished alloy with a very attractive motif in World Championship colours. **Supplied in 17" and 19" lengths** ... .. 27/6

### GRAND PRIX.

A very popular full section pump in polished alloy with a specially designed handle giving positive grip and gear lever clearance if positioned on the down tube. **Five coloured rings. 18"** ... .. 10/-

**VELOCE** White plastic with polished alloy sleeve, 18" x 1" ... .. 10/-

**BRITANNIALLOY** Narrower sectioned pump in polished alloy 17" and 18" ... .. 5/6

## PUMP CONNECTORS

### CAMPAGNOLO Adaptor No. 1030

English patt. Heavily chromed with locking grub-screw and rubber covered feet to sit against tube. French patt. No. 1030/3 to fit Zefal. Italian patt. No. 1030/2 with squared boss. All at 12/6



**BLUEMELS** No. 9a fits Woods or H.P. valves 1/6  
P9 Connection. As above with reinforced braiding 1/9

## CLIP-ON PUMP PEGS



**MINIMA Pump Pegs.** French screw-on clips that cannot twist. Heavily chromed. 1" for t/tube or 1 1/2" for d/tube pair 3/-

**TERRY Pump Clips.** Push-on clips, 1" x 3/4", heavily chromed with strong spring ... pr. 2/9

**CYCLO Pump Pegs.** Sturdy conical nosed pegs brazed into chrome plated clips to suit 1" or 3/4" tubes pair 4/3

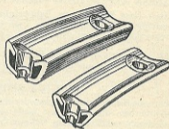
## FIAMME RIMS

By far the most popular rims on the British market with sales increasing rapidly year after year. Made in Italy by a company very proud of their name and dedicated to upholding the quality which has brought them prestige throughout the World.

### SPRINT

The rim fitted with 'Longhi' patent spoke seating as shown. The spoke tension is spread equally over both rim faces so that a very rigid wheel can be built to withstand the stresses of races over poor surfaces.

No washers are needed under the spoke heads which 'bed-down' at the correct angle.



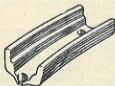
Used by many of the Continental Professionals, particularly in Italy. There are two patterns as illustrated. The Road pattern, made to combat the rigorous conditions of the Alpine Tour stages, is equally suitable for road racing and fast time trials. The lighter Track rim is of narrower section with more sharply angled side walls. Care must be taken when positioning the brake blocks if this rim is used for ultra fast road work.

Road 14 ozs. Drilled 32/40, 36/36 or 28/28 pair 53/6

Track 12 ozs. Drilled 32/40, 36/36 or 28/28 pair 53/6

### HIGH PRESSURE

Alloy rims weighing only 18 ozs. Specially designed to give strength and reliability. Highly polished, the alloy is scoured at the sides for better brake block grip in wet weather. Drilled 32, 40 and 36 hole only. Available 27" only ... 37/6



## WEINMANN RIMS

### WOOD LINED ALLOY SPRINT

Very light at 11 ozs., the flat section is made more rigid by the wood lining which allows the spokes to seat themselves into the rim and disperses heat generated by constant braking on long descents. 27" drilled 32/40 or 36/36 holes only ... .. 52/-

### ALESA ALLOY HIGH PRESSURE

First class Swiss made lightweight rims for racing or touring. 27". High pressure with dimpled holes which angle spoke nipples correctly. Weight 19 ozs. 32/40 hole only ... .. pair 36/6  
 27" H/P without dimpled holes. 36 hole only pair 36/6  
 26" H/P without dimpled holes. 32/40 hole only

### RIGIDA RIMS

Famous French high pressure rims, chromed, and with distinctive dimpling to walls to increase braking efficiency particularly in wet weather.  
 26" and 27" Drilled 32-40 only ... pair 30/-

### CONSTRUCTOR RIMS

ASP. Original round section, deeply welled 26" or 27".  
 BRILLANI. Wider section—not so deep 26" or 27".  
 Both types drilled 32/40/36. ... .. pair 70/-  
 Constrictor Rim Tapes-Cotton covered cord for above  
 each 2/6

### INNER TUBES

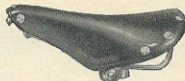
CONSTRUCTOR Non Blister. Fitted with French valve, and recommended for use with deep-welled Constrictor rims. 27" only ... .. each 8/11  
 CANETTI High Pressure-Super Resilient top quality rubber. 27" only ... .. each 8/6

### SPRINT WHEEL CARRIERS

CLIFF PETERS. Extremely tough alloy, with opened slot for front spindle and side opening slot for carried wheels. Very light, suited for use with Q/Release hubs. Polished or in Anodised colours ... pair 6/-  
 CYCLO. Rosa. Chrome steel carriers ... pair 5/6

## BROOKS LEATHER SADDLES

The Best  
 in the  
 World



### B17 SERIES

**B17 Professional** (illustrated) Used by leading Continental Pros. having been designed to meet their particular requirements. A specially selected butt leather top is fitted to a cambered back plate with large copper rivets. All 'spare' leather is trimmed from back and copper plated nose. Size 10½" x 6" x 3", weight 25 ozs. Complete with chrome clip, dressed or polished 62/6  
 Without clip to suit Campag. pin No. 1044 ... 58/6  
**B17 Swallow.** Leather is cut away at the side to give maximum leg freedom. 11" x 6" x 3¼", 25 ozs. 73/6  
**B17 Competition.** Designed specially for competition work, has curved trimmed back and no bag loops. 11" x 6¼" x 3¼", 23 ozs. Chrome only. std. clip 55/6  
**B17 Standard.** 11" x 6¼" x 3¼", 28 ozs. ... 53/6  
**B17 Narrow.** 11" x 6" x 3¼", 26 ozs. ... 53/6  
**B17 Flyer.** Curved cantle. 11" x 5¼" x 3", 26 ozs. 53/6

### B15 SERIES

Narrow, Standard, Flyer and Swallow patterns, are available to the same dimensions as B17, and will give excellent service. B15 Range inc. Swallow with Chrome clip and frame ... 40/6



**B15 Perforated** (illustrated)  
 Narrow style only, chrome frame ... .. 41/6  
**B5 Series.** Similar to B15 but in lighter grade leather.  
**B5 Narrow, perforated.** Chrome frame and clip 29/-  
**B5 Swallow.** Cut Away. Chrome frame and clip 29/-  
**B66 Champion.** 4 wire frame and twin rear coil springs. 10" x 8¼" x 3¼". Chrome frame ... .. 44/6

## UNICA-NITOR SADDLES

Italian Nylon Plastic lightweight saddle top Impervious to heat, cold and wet weather. Top is moulded to a standard two wire frame without the use of rivets. Firm and comfortable curved back design.



Fits Campagnolo 1044 seat pins, or standard two wire clip. Black, Orange or Brown. Top only less clip 47/6  
"Campione Mondo" de luxe version, Leather covered 82/6

### MERTON SADDLE

Super Coureur. Plastic top saddle with bag eyelets. Grey or Black with chrome frame and clip ... 39/6

### SADDLE SPARES AND ACCESSORIES

**BROOKS B17 saddle clip.** Chrome. Fits all models 5/9  
**BROOKS 'Proofide'.** All weather protective dressing 2/9  
**BROOKS saddle undershields.** State for which model 2/6  
**ALLEZ knurled seat lug bolts.** 1 1/2", 1 1/4", 1 1/2", 1 1/8" 9d.  
**ALLEZ double knibbed—1 1/2"** for centre pull brakes 10d.  
**CONTINENTAL Seat tube collar** for welded frames 2/6

### CARLTON TYRE SAVERS



Remove flints, glass, tacks etc. before they penetrate through to the tube.  
'CC' Lightweight, anti-splash guard 2/-  
'C' Racing (illustrated) ... 1/6  
'CL' Ultra-light Racing (single arm) 1/6  
'M' or 'R' for use with guards ... 2/-

### TERRY WATCH CLIP

Clips stop-watch securely to handlebar. Chrome... 4/6

### R.T.T.C. ENTRY FORMS

Regulation pattern. Packed in 100 lots ... 8/3

### CURACHO EMBROCATION

Spirit embrocation. Penetrates quickly. Squeezy Plastic flask.

Standard for normal use ... 4/3 and 2/9  
Thermal for cold conditions. Small only ... 2/9  
Massage Cream in 2 oz. jars ... 2/9  
**BATH SALTS.** Aids relaxation. Large pkt. 2/9

## TOE CLIPS

### CHRISTOPHE (as illustrated)



Most widely used of all toe clips. Made in France from best quality spring steel. Chromed. 3 lengths ... 8/-

### UNIVERSAL

Finest Italian chrome steel toe clip medium and long ... 6/9

### G.B. Professional

Stainless steel medium and long ... 7/6

### CONSTRUCTOR

Chrome finish on bronze. Standard length only ... 7/6

**BROOKS No. 1.** Chrome plated in spring steel, three lengths ... 6/9

**Monique.** Chrome plated spring steel. Medium only ... 6/-

**WANDERLUST.** Adjustable length clip, long strap slot ... 6/4

## TOE STRAPS

### 'ALLEZ' ALPINE

Heavy grade chrome leather straps, having a continental quick release buckle with a first class 'Binda' type roller. A top quality accessory, individually packed and available in White, Red, Blue, Black and Natural 5/9

### 'ALLEZ' CORSA

The most popular toe strap for more than a decade. With slit to tuck-in the end of the strap—giving a perfect stop. Quick release buckle. Leather specially selected to avoid stretch.



Natural ... 5/-  
Black, Red or Blue ... 5/3

**BINDA.** For many years the finest strap available. Made in Italy and used by the late Coppi, and the majority of Italian sprinters. REALLY tough. Blue or Red 8/-

**MARCEL.** In natural chrome leather, with quick release buckle and very keenly priced. We confidently offer this as the finest value in its price range ... 3/3

**D'Alessandro**  
 Regd. Trade Mark

**GOLD  
 MEDAL  
 TUBULARS**

Acknowledged the finest quality tubular in the World.  
**SILK IMPERFORABILE 8 oz.** Fast ribbed or file tread.

The most famous of all tubulars, has the tread, hand moulded to an amber band, re-inforced by a canvas 'breaker' strip to produce the most puncture resistant combination known. An ultra-light tube adds to the speed imparted by silk fabric at a price that belies the sheer quality of the 'pocket'.  
 Fantastic value at only 75/-

**IMPERFORABILE 9½ oz.** Fast Ribbed or File Tread

Recognised as the finest of all 'distance' tyres. A top grade 'pocket', of Sea Island cotton, carries a very hard rubber tread which combines with elastic raw rubber band and canvas breaker strip, to give amazing durability and puncture resistance ... 59/6

**SILK CRITERIUM 7½ oz.** Fast Ribbed Tread

A first class short distance tyre with finely ribbed tread band designed for maximum speed. Top quality silk pocket carries a very light tube giving instant response and extra 'life' to every effort. Suitable for short distance road or mixed track work ... 75/-

**CRITERIUM 8½ oz.** Herringbone Tread

A first rate tyre with a herringbone file pattern suitable for general racing. The best quality cotton 'pocket' retains its shape and has the lively feel associated with lighter weights ... 64/3



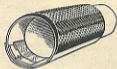
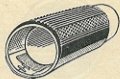
**D'ALESSANDRO TUBULARS**

**SPORT 14 ozs.**

A tyre with a tough tread of fast ribs flanked by file bands. The latex covered fabric, of better quality than is usual in a tubular at this price, accounts for the liveness of this general purpose tubular. With rubber base tape, excellent value at ... 32/6

**SPECIALISSIMO 11 ozs.**

A top quality mid weight tubular. A good class fabric and tube, for speed, make it an ideal all purpose racing tyre where its reliability and cornering are great assets ... 39/6



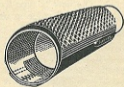
**CYCLO CROSS 12½ ozs.**

Designed specifically for Cyclo-Cross racing, this tyre can be of great use to grass track riders and hill climbers. A sturdy 'knobby' tread is mounted on a comparatively light pocket over a light tube. The centre band of small 'diamonds' flanked by bold 'knobs', allows speed to be maintained where normal tyres would lose traction 49/6



**WORTHY 15½ ozs.**

A tough 'riding-about' tubular allowing sprints to be used in the winter. Highly recommended when road conditions are bad, allowing safe cornering on wet or icy roads. Fully rubbered side walls and rubberised base tape need little attention. Use the Worthy for touring at all times ... 37/6





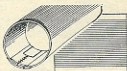
### KOWALIT TUBULARS

Kowalit tubulars, made in Germany by one of the world's finest tyre companies, offer tremendous value when price is considered against weight. No fabric is coarser than 60 threads per inch, ensuring flexible and responsive pockets.

Best quality rubber and latex are used. Double sewn chafing tapes. Latex covered walls for protection in wet weather.

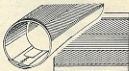
#### KRITERIUM 9 ozs.

Lightest of the range, this fast tyre has a fine ribbed tread built up at its centre—and a very light tube. Ideal for short distance road work ... 45/-



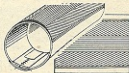
#### KURIER 10.4 ozs.

Narrow section tyre with a mixed tread of fast centre ribs and diagonal side tread. Good all-round road racing tub ... 39/6



#### KOMET 'S' 11 ozs.

With fast ribbed tread as illustrated on the Kriterium above. The new 'S' type Komet is lighter than previously and exceptional value at only ... 37/6



#### KADETT 13.4 ozs.

A general purpose tyre with sturdy tread of mixed design. Heavier tube increases reliability. The most popular 'inexpensive' tyre on British roads 29/6

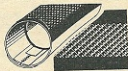
### KOWALIT

#### KONDOR 14 ozs.

A very sturdy tubular with tough file pattern tread. The flexible pocket is of the wide section type, making this an ideal tyre for training and general purpose riding. Also suitable for those who prefer using tubulars for touring 35/-

#### Q.H. 15 ozs.

Slightly heavier than the Kondor, the Q.H. has a more substantial tread and thicker inner tube. The coarse file pattern tread makes this tubular very useful, being suitable for Cycle-Cross on firm circuits, general riding, and training purposes—particularly in wintry conditions 41/-

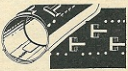


#### Q.S. 14.5 ozs.

Specially designed for Cyclo-Cross and grass track racing. A unique tread of prominent spikes which ensure good grip, particularly in very 'soft' conditions. The spikes are spaced widely to prevent the tread becoming mud bound ... 45/-

#### Q.V. 14.5 ozs.

The most specialised Cyclo-Cross tyre of all. The 'cross bars' of the 'T' give traction on muddy and loose surfaces, and the uprights resist lateral slip. The wide spacing of the 'T's' discourages the build up of mud ... 50/-





## CLEMENT TUBULARS

**No. 1. Silk Track.** A record breaking tyre with narrow smooth tread band on a top quality light silk pocket. Not to be used indiscriminately. This is a 'special occasion' tubular. Weight only 4 ozs. ... 86/11

**No. 1 bis. Silk Road.** Fastest Clement road tubular with extra weight silk fabric. Fine rib tread band. 6-7 ozs. ... 86/11

**No. 3. Silk Track.** A light silk tyre with a little more weight built into a smooth tread band. 5 ozs. ... 78/11

**No. 9.** A smooth banded tubular for track and short distance events on good surfaces. 7 ozs. ... 67/6

**No. 6. Silk Road.** With a fast ribbed tread band, mounted onto an extra weight silk pocket. 8 ozs. 78/11

**No. 10.** A fast road tyre with a non-slip smooth tread band, which carries a slight 'linen thread' impression. 8 ozs. ... 67/6

**No. 12 bis.** A good quality racing tyre with a fast tread pattern and strong cotton fabric. 9 ozs. ... 74/11

**No. 50.** First class general road tubular with a substantial ribbed tread and strong cotton fabric. 11 ozs. 45/9

**No. 48 Diamante.** One of the few diamond pattern tread tyres on the market. Very suitable for grass racing where good cornering is most important. 12 ozs. 42/6

**Elvezia.** A popular priced ribbed tyre suitable for circuit racing and training. 14 ozs. ... 31/3

**Enwell.** A cheap general purpose or training tubular with a bold ribbed tread pattern. 15 ozs. ... 30/6

## ALBERTO TUBULAR

Designed and produced by one of Italy's foremost companies. A lively tyre with good quality pocket and 'distinguished' orange tread with fine ribbed design, producing a very fast tyre at only 12 ozs. ... 35/6

## TUBULAR SUNDRIES

### D'ALESSANDRO

|  |      |      |
|--|------|------|
| Rim Cement for rubber base tubs ... ..   | Each | 4/-  |
| Rim Cement (Shellac) for cotton base tubs ..   | "    | 4/-  |
| Double-sided Tacky Tapes ... ..  | "    | 4/-  |
| Proofing Solution for cotton walls only ...  | "    | 4/-  |
| Needle and Thread. 25 yards of linen thread on a card; with a triangular pointed needle                              | "    | 1/9  |
| Repair Fabric. A 2" x 12" strip consisting of stout cotton threads bonded with latex for repairing tyre walls ... .. | "    | 1/9  |
| Tubular Solution. For all repairs and sticking on base tapes ... ..  | "    | 4/-  |
| Tubular patches. Average 10 per pkt. ...   | Pkt. | 1/-  |
| Replacement tube (Worthy weight) ... ..  | Each | 8/6  |
| " " (Imperforable weight) ... ..   | "    | 10/- |
| " " Tread band. File pattern ... ..  | "    | 14/9 |

### DUNLOP.

|                              |      |     |
|------------------------------|------|-----|
| Rim cement ... ..            | Tin  | 3/9 |
| Tread Stopping ... ..        | Each | 5d. |
| Tubular repair outfit ... .. | "    | 7/6 |

### CLEMENT.

|   |      |     |
|---|------|-----|
| Mastice ... ..  | Tin  | 3/6 |
| Tubular base tape ... ..                                  | Each | 3/6 |
| JANTEX Tacky Tape. To fix road tubs to sprint rims ... .. | Roll | 3/- |

**"FULMINE" Tubular Carrier.** The carrier remains bolted to the saddle wires, the elastic cords are drawn round the replaced tyre by a finger ring with hook attached and this holds the tubular secure ... 7/6

**WHEEL COVERS.** For protection in the track centre and during transportation to and from events. Proofed material with strong elasticated hooks, nylon reinforced tread ... .. each 12/6

## A FEW NOTES ON TUBULAR CARE

When folding ensure that the tread is on the outside of all bends. Keep tyres tightly stuck on rims—a tyre that 'rolls' to one side will be cut through wall by edge of rim. Keep base tapes in good order—If rim spoke holes are allowed to chafe through, the main stitching will be damaged and blowouts follow. Fill all cuts in tread with stopping compound—water penetrating these will rot tub pocket, causing twisting, uneven wear and blow-outs. Do not overtighten connector on valve when inflating—this tends to loosen valve-securing nuts and a slow leaking will follow. Tubular walls chafe easily—protect them when carried as spares, on wheels or folded under saddle. Do not leave wet tyres in a deflated condition—pockets will deteriorate.

## SPANNERS AND SPECIAL TOOLS

|  |      |
|--|------|
| <b>CAMPAGNOLO</b> Allen Key No. 143/2 'T' shaped with box spanner head for front and rear gears and many other 8 mm. bolts                 | 7/11 |
| Chainwheel Screw Allen Key No. 767 'L' shaped, with grip   | 2/8  |
| Chainwheel Screw Peg Spanner No. 768. To hold chainwheel sleeves whilst clamping rings to crank  | 1/-  |
| Cotterless B/B Axle Spanner No. 769. Tightens cotterless crank fixing bolts. Long shank and box head                                       | 11/4 |
| Cotterless Crank Extractor No. 770. For trouble free removal   | 20/- |
| Freewheel Remover 1. Hardened insert in long Chrome Vanadium arm   | 54/- |
| Replaceable Insert No. 704. For above freewheel remover each   | 18/- |
| Head & Bracket Spanner No. 712/1. Headset and adj. cup   | 27/6 |
| Replaceable Spare Pegs No. 712/2. For spanner 712/1  | 2/-  |
| Head & Bracket Spanner No. 712. Tightens bracket lock ring and head lock nuts  | 25/6 |
| Hub Cone Spanners Q. For Q/Release and solid hubs, pair  | 16/6 |
| Pedal & Bracket Spanner No. 713. Fits pedals to cranks and right hand (fixed) bottom bracket cup   | 25/6 |
| Pedal Cap Spanner No. 710. Adjusts lock nuts and removes cap   | 5/3  |
| Roller Cone Spanner No. 97. For adjustment of gear rollers   | 9d.  |
| Saddle Spanner No. 771. Adjusts angle and nose bolt  | 10/6 |
| <b>B.H. AIRLITE.</b> Hub cone spanners. Boxed  | 3/-  |
| <b>BROOKS</b> Saddle Tension spanner. For nose bolt adjustment   | 1/6  |
| Spoke Nipple Key. A 6-way disc type for all standard gauges  | 1/6  |
| Head & Bracket Spanner. For hexagon top nuts and B/B l/rings   | 2/-  |
| Six-Way Flat Spanner. Useful general purpose cycle tool each   | 1/9  |
| Peg and Cone Spanner. Fits hubs and B/B adjusting cups   | 1/3  |
| Four Hole Spanner. Chrome finish   | 1/3  |
| <b>CYCLO</b> Freewheel Remover. For Benelux and other boss types   | 3/-  |
| Sport P.2 Setting Tool SP/74 (Allen Key)   | 1/8  |
| Flat Spanner CY/46/T   | 1/5  |
| Tubular Spanner CY/62/T  | 5/6  |
| Nipple Key. A solid tool. 15G, for precision wheel truing  | 1/11 |
| Rivoli Chain Rivet Extractor. For 1" or 3/8" with replaceable screw and hardened pin   | 7/6  |
| Replaceable Pin each 5d. Pin & Screw complete  | 3/6  |
| Sprocket Remover. Long lever to which you attach chain   | 3/-  |
| Cycle Spanner  | 1/4  |
| <b>FIFON.</b> Chain Rivet Extractor. Hand or vice held   | 10/6 |
| Replaceable hardened pin and screw for above   | 3/6  |
| <b>INOX</b> Dumbbell Spanner. Bronze 8-way. Continental fitting  | 4/-  |
| <b>MAFAC</b> Box Spanner. For fitting or removing brake levers   | 2/3  |
| Tool Set in Pouch, No. 978. New fully comprehensive kit, contains assortment of metric spanners, screw-driver, nipple key, puncture outfit | 21/- |
| <b>REGINA</b> Freewheel Remover. Shifts block from all hubs including quick release and Continental makes with large locknuts              | 3/9  |
| <b>TERRY</b> Pedal Spanner. Long for easy removal  | 4/-  |
| <b>WEINMANN</b> Brake Spanners. For side pull brakes   | 10/- |
| Fifon Nipple Key Bronze  | 2/6  |
| T.A. Allen Key 136   | 3/-  |
| T.A. Extractor Tool 138 (For Professional)   | 9/9  |
| T.A. Extractor Spanner 139 (For Professional)  | 6/9  |