

Sturmey-Archer catalogue

PRECISION ENGINEERING
STURMEY
ARCHER
QUALITY COMPONENTS



**the secret of
Sturmey-Archer
is fully enclosed**

 **STURMEY-ARCHER**



This is Sturmey-Archer

TI Sturmey-Archer Limited is the largest manufacturer in the world of bicycle components and accessories - supplied to over one hundred countries.

Famous for more than three-quarters of a century as world leaders in bicycle hub gear design, Sturmey-Archer now offer an even more comprehensive range of quality products. Manufacturers choose Sturmey-Archer components, to fit as original equipment - and these are available to you.

When ordering, remember to always quote —

*

Your order reference number

*

Sales part number

*

Description of component or accessory

*

Quantity required

This will enable us to ensure

*

Your order is handled quickly

*

The correct parts are supplied and invoiced

*

You receive a prompt and efficient service

Please address all orders and enquiries to:-

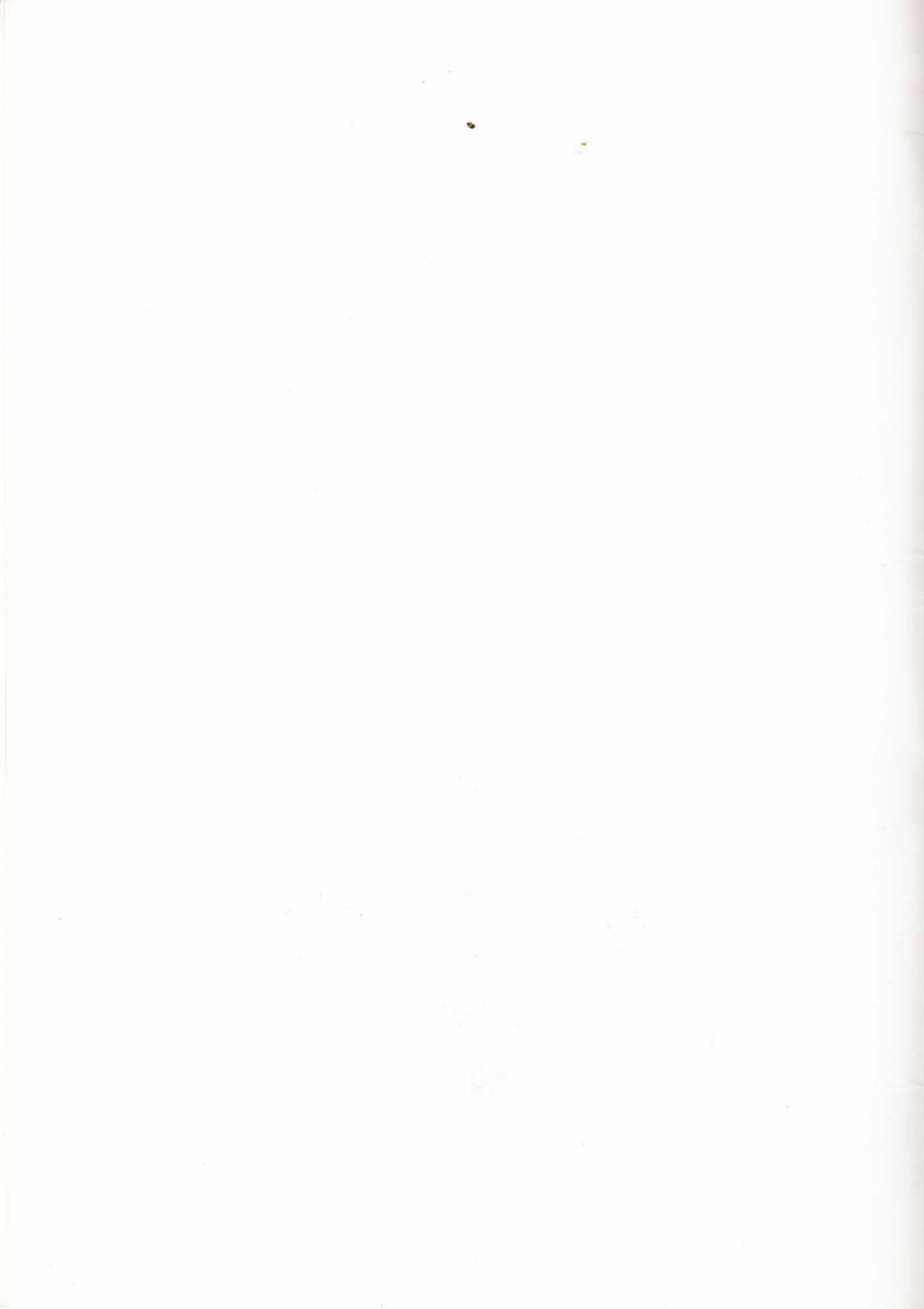
TI STURMEY-ARCHER LIMITED,
SALES OFFICE, 177 LENTON BOULEVARD,
NOTTINGHAM NG7 2DD, ENGLAND.

Tel: Nottingham (0602) 787761. Telex: 37681 (Ralind Nottingham).



Our constant endeavour is to improve our product range and consequently we reserve the right to alter specifications without prior notice.

 STURMEY-ARCHER



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Saddles Kitbags Toolbags

BROOKS
experience and technology provide a
comprehensive range of saddles to suit all
bicycles and all classes of riders.

BROOKS
leather saddles are designed by professionals,
made by craftsmen and ridden by champions.

BROOKS
means — “The finest saddle in the world”

Products of —

STURMEY-ARCHER
— of course!



Professional select hand-made real leather saddle

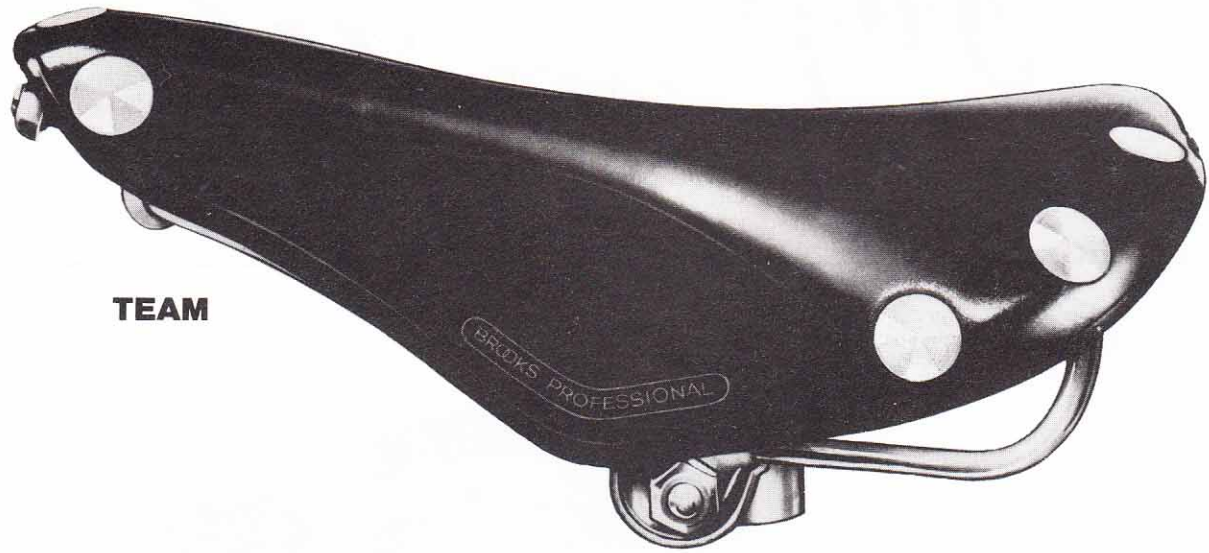


- * hand-made for the perfectionist.
- * only for the select few.
- * today's reward for tomorrow's champions.
- * professionals designed it-craftsmen made it.

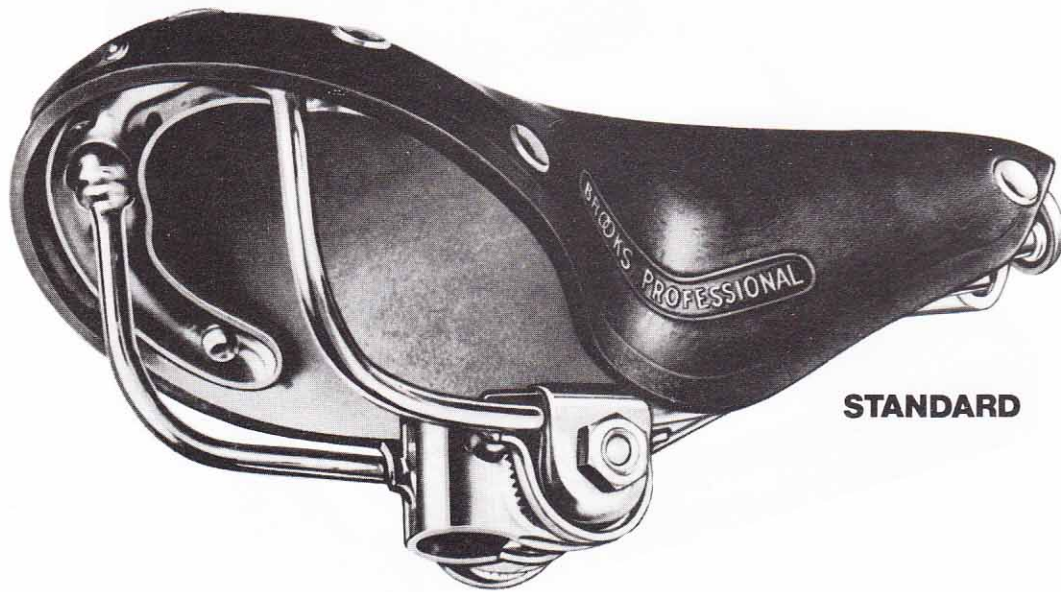
**Sales No.
BZL 294**

Packaged in a gift presentation box with proofide leather dressing and allen key.

Professional saddles



TEAM

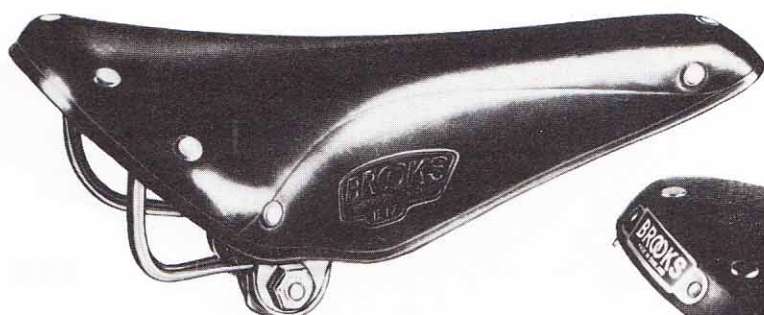


STANDARD

Sales No.	TEAM PROFESSIONAL	Finish	Size	Weight
BZL.233	Polished (with clip)	Chrome	260 × 152 × 67 mm	0.70 kg
BZL.232	Polished (less clip)	Chrome	260 × 152 × 67 mm	0.55 kg
BZL.234	Dressed (with clip)	Chrome	260 × 152 × 67 mm	0.70 kg
BZL.235	Dressed (less clip)	Chrome	260 × 152 × 67 mm	0.55 kg

Sales No.	STANDARD PROFESSIONAL	Finish	Size	Weight
BZL.219	Polished (with clip)	Chrome	260 × 152 × 67 mm	0.70 kg
BZL.220	Polished (less clip)	Chrome	260 × 152 × 67 mm	0.55 kg
BZL.223	Dressed (with clip)	Chrome	260 × 152 × 67 mm	0.70 kg
BZL.224	Dressed (less clip)	Chrome	260 × 152 × 67 mm	0.55 kg

Leather sports saddles



B17 NARROW



B5 NARROW



COMPETITION



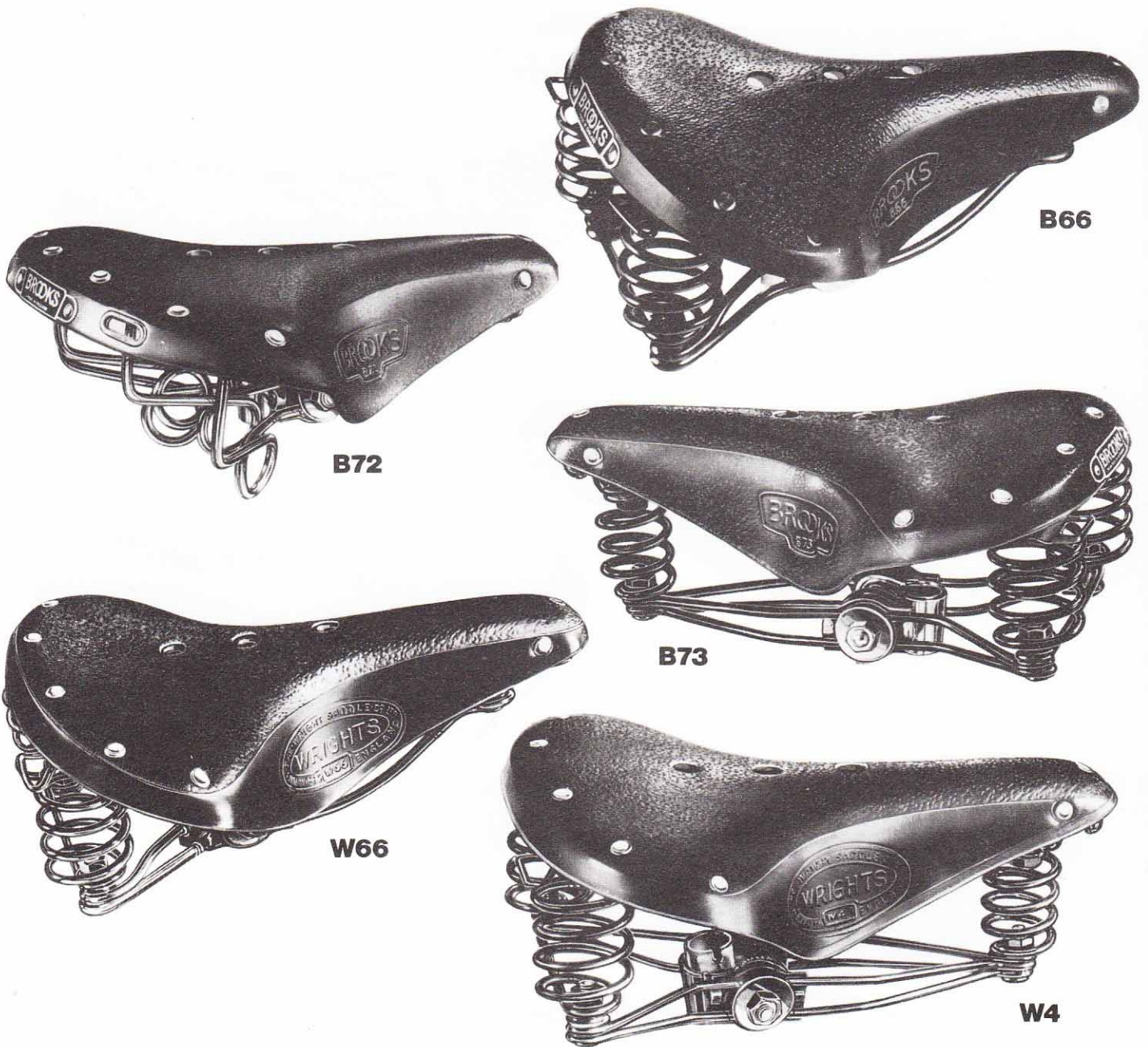
W3 STANDARD



W3 NARROW

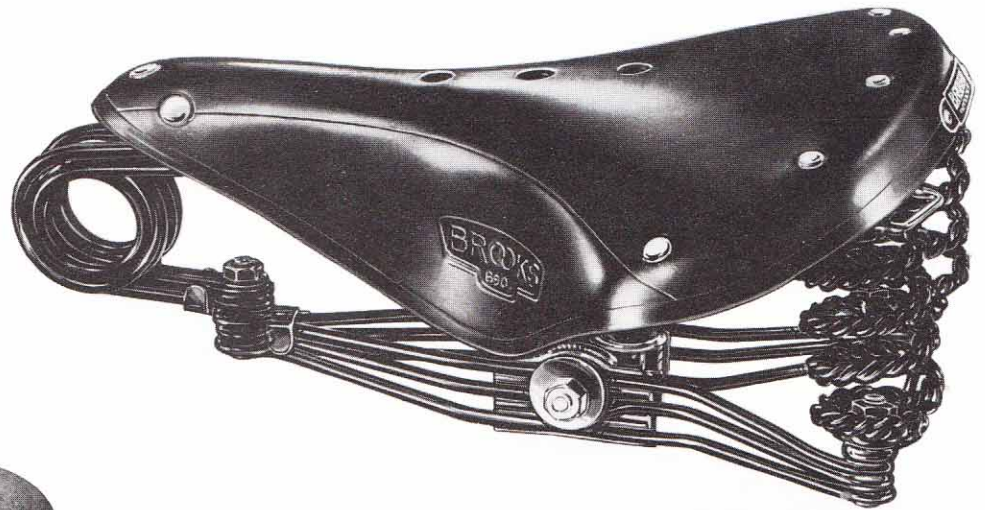
Sales No.	Model	Finish	Size	Weight
BZL.211	B17 Standard	Enamel	280 × 172 × 79 mm	0.79 kg
BZL.248	B17 Standard	Chrome	280 × 172 × 79 mm	0.79 kg
BZL.214	B17 Narrow	Chrome	280 × 152 × 79 mm	0.73 kg
BZL.406	B5 Narrow (Perforated Flap)	Chrome	280 × 152 × 79 mm	0.68 kg
BZL.415	Competition	Zinc	267 × 152 × 79 mm	0.76 kg
BZL.601	W3 Standard	Enamel	280 × 172 × 73 mm	0.76 kg
BZL.602	W3 Standard	Chrome	280 × 172 × 73 mm	0.76 kg
BZL.605	W3 Narrow	Chrome	280 × 152 × 73 mm	0.73 kg
BZL.614	W3 Narrow	Zinc	280 × 152 × 73 mm	0.73 kg

Leather tourist saddles

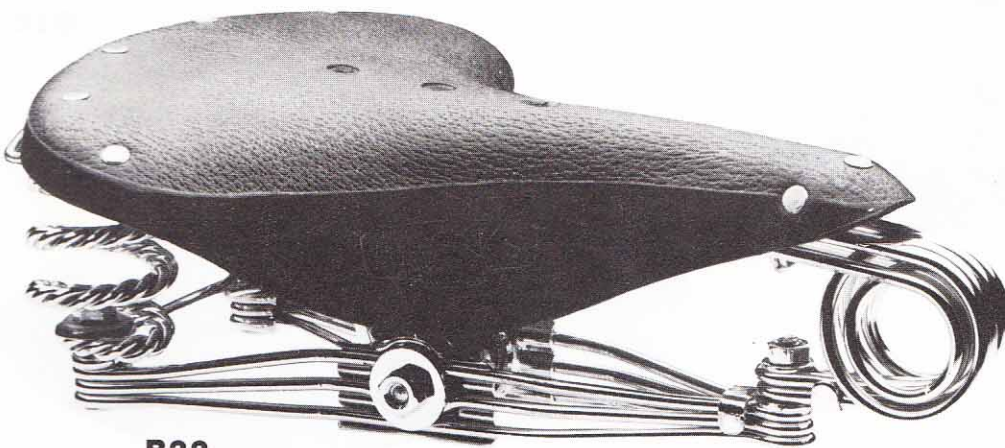


Sales No.	Model	Finish	Size	Weight
BZL.280	B66 Standard	Enamel	260 × 210 × 73 mm	1.04 kg
BZL.281	B66 Standard	Chrome	260 × 210 × 73 mm	1.04 kg
BZL.293	B66S Small	Chrome	235 × 210 × 73 mm	0.98 kg
BZL.291	B72	Chrome	260 × 210 × 57 mm	0.76 kg
BZL.270	B73	Enamel	260 × 210 × 98 mm	1.16 kg
BZL.271	B73	Chrome	260 × 210 × 98 mm	1.16 kg
BZL.680	W66	Enamel	260 × 210 × 73 mm	1.04 kg
BZL.681	W66	Chrome	260 × 210 × 73 mm	1.04 kg
BZL.670	W4	Enamel	267 × 210 × 98 mm	0.99 kg

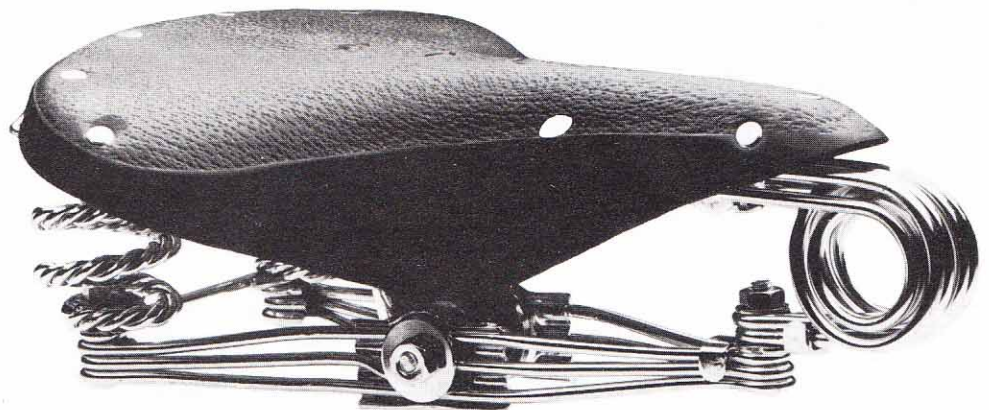
Leather heavy duty saddles



B90/3



B33



W5

Sales No.	Model	Finish	Size	Weight
BZL.252	B90/3	Enamel	305 x 248 x 105 mm	1.92 kg
BZL.256	B33	Enamel	292 x 235 x 105 mm	1.55 kg
BZL.257	B33	Chrome	292 x 235 x 105 mm	1.55 kg
BZL.652	W5	Enamel	292 x 235 x 105 mm	1.55 kg
BZL.653	W5	Chrome	292 x 235 x 105 mm	1.55 kg

Mattress saddles



B100



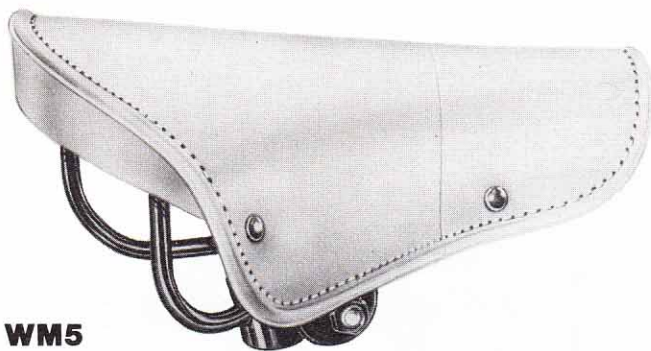
B101



B102



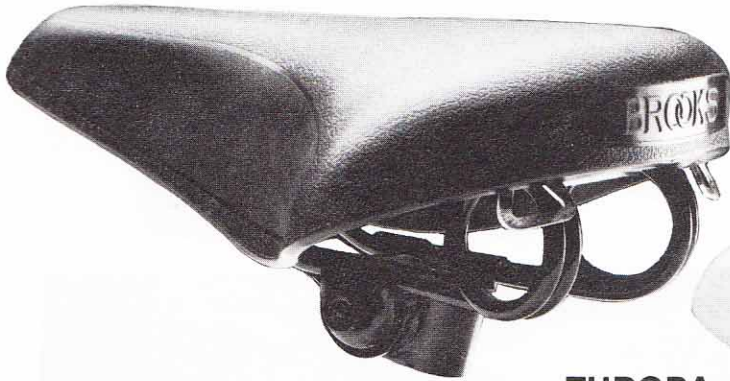
B103



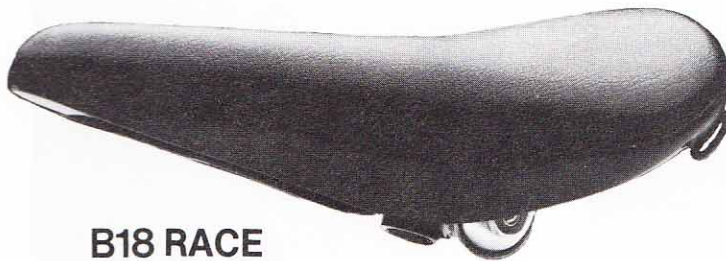
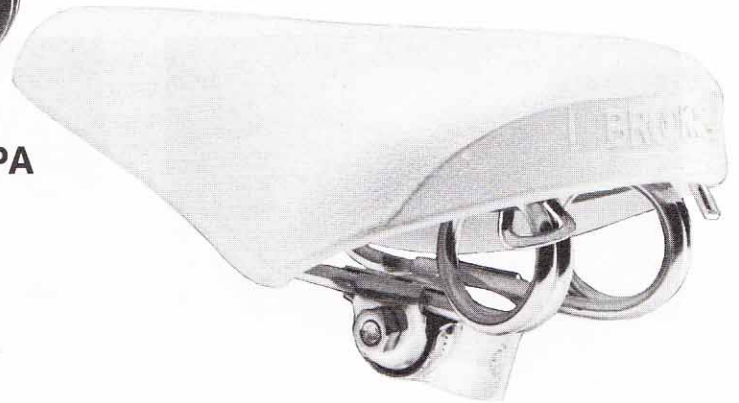
WM5

Sales No.	Model	Finish	Colour	Size	Weight
BZA.330	B100 Quilted Top - with two rear coil springs.	Chrome	Black-White-Oatmeal	260 x 210 x 64 mm	1.49 kg
BZA.331	B101 Plain Top - with two rear coil springs	Chrome	Black-White	260 x 210 x 64 mm	1.21 kg
BZA.332	B101 Plain Top - with two rear coil springs	Zinc	Black-White	260 x 210 x 64 mm	1.21 kg
BZA.333	B102 Quilted Top	Zinc	Black	254 x 210 x 57 mm	0.70 kg
BZA.334	B103 Plain Top	Zinc	Black-White	254 x 210 x 57 mm	0.67 kg
BZA.335	B103 Plain Top	Chrome	Black-White	254 x 210 x 57 mm	0.67 kg
BZJ.561	WM5	Zinc	Black-White-Oatmeal	229 x 178 x 76 mm	0.79 kg

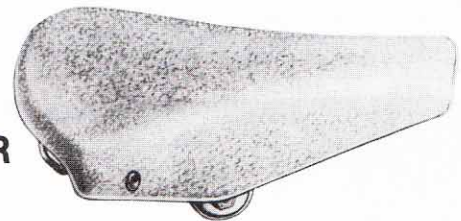
Moulded saddles



EUROPA



B18 RACE



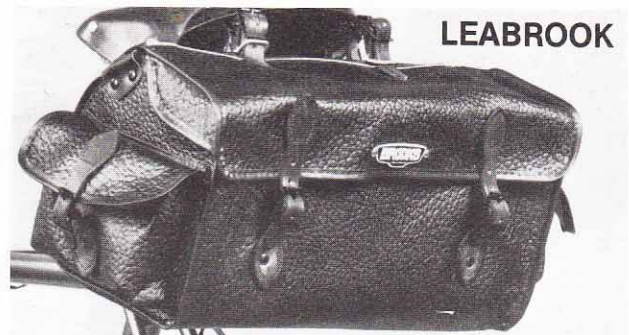
JUNIOR

Sales No.	Model	Finish	Colour	Size	Weight
BZP.112	'EUROPA'	Enamel	Black	254 x 203 x 73 mm	0.56 kg
BZP.113	'EUROPA'	Zinc	White	254 x 203 x 73 mm	0.56 kg
BZP.114	'EUROPA'	Zinc	Black	254 x 203 x 73 mm	0.56 kg
BZP.107	B18 RACE	Zinc	Black	260 x 133 x 69 mm	0.46 kg
BZJ.780	P200 JUNIOR $\frac{5}{8}$ " Clip	Zinc	White	210 x 165 x 57 mm	0.48 kg
BZJ.782	P200 JUNIOR $\frac{7}{8}$ " Clip	Zinc	White	210 x 165 x 57 mm	0.48 kg
BZJ.783	P200 JUNIOR $\frac{5}{8}$ " Clip	Zinc	Black	210 x 165 x 57 mm	0.48 kg

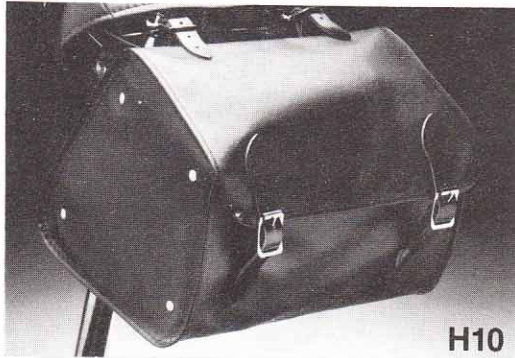
Kitbags & toolbags



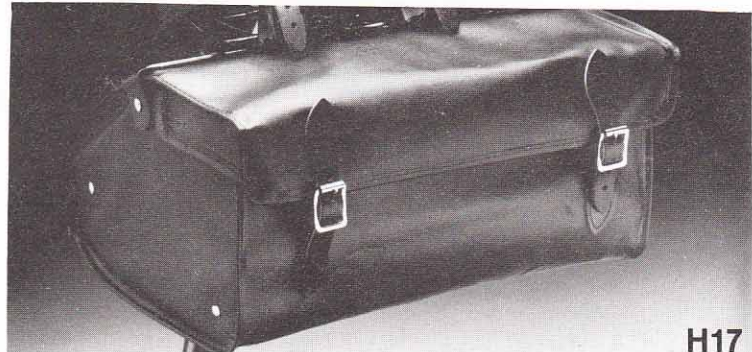
MOSSBROOK



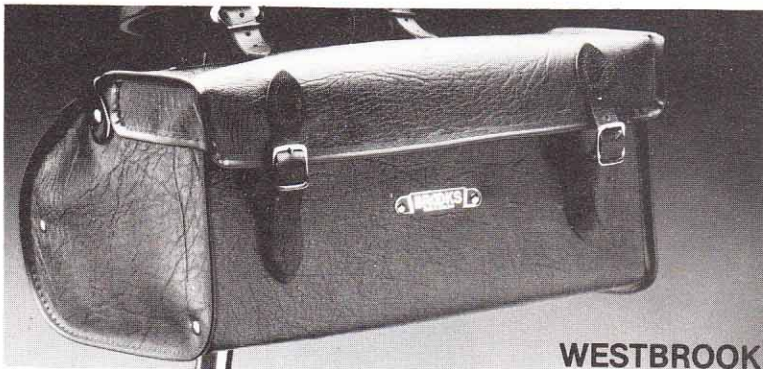
LEABROOK



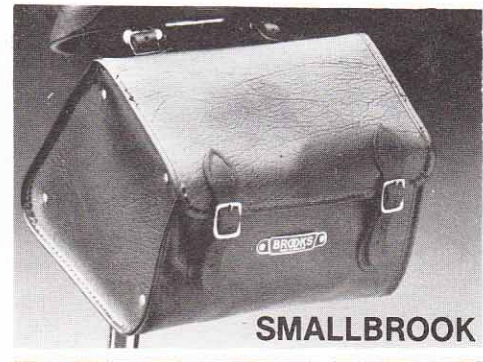
H10



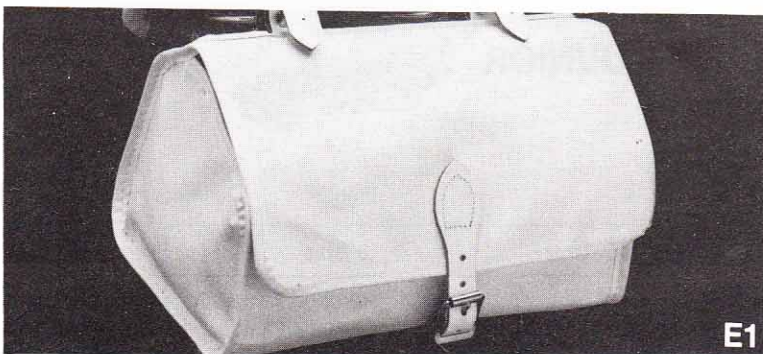
H17



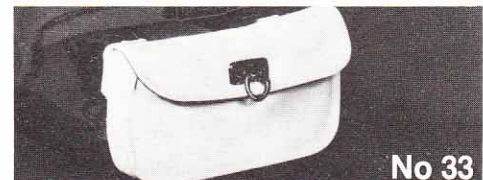
WESTBROOK



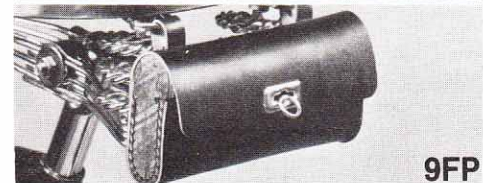
SMALLBROOK



E1



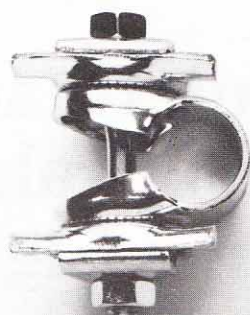
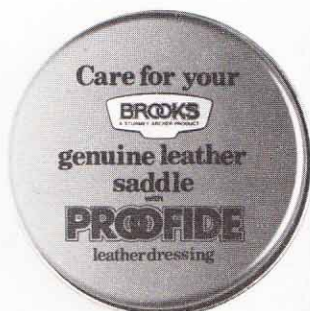
No 33



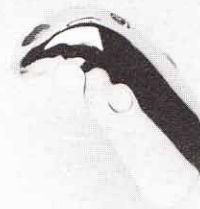
9FP

KITBAGS		KITBAGS	
Sales No.	Description	Sales No.	Description
BYC.503	'Mossbrook' (with quick release), black 13" x 8" x 9½" (330 x 203 x 241 mm)	BYC.520	E1 - black, white 8¾" x 5" x 5½" (222 x 127 x 140 mm)
BYC.504	'Leabrook' - black 13" x 7" x 6½" (330 x 178 x 165 mm)	BYC.527	H17 - black, white, oatmeal - leathercloth 12¾" x 6" x 8" (222 x 178 x 190 mm)
BYC.506	'Smallbrook' - black, brown, dark brown 8¾" x 7" x 7½" (222 x 178 x 190 mm)	TOOLBAGS	
BYC.507	'Westbrook' - black, tango, tan, dark brown 12¾" x 6" x 8" (324 x 152 x 208 mm)	Sales No.	Description
BYC.514	H10 - black 8¾" x 7" x 7½" (222 x 178 x 165 mm)	BYC.571	9 FP - Black-Neohide.
		BYC.575	No. 33 - Black-White.

Saddle spare parts & accessories



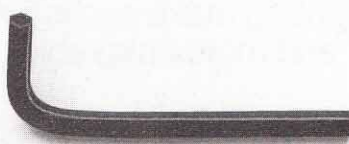
CLIP ASSEMBLY



NOSE PIECE



TENSION PIN



ALLEN KEY



CLIP BOLT

Sales No.	Description	Finish
BYB.101	Clip Complete $\frac{7}{8}$ " \emptyset (22.2 mm) for Single Wire Frame	Chrome
BYB.103	Clip Complete $\frac{7}{8}$ " \emptyset (22.2 mm) for Single Wire Frame	Enamel
BYB.105	Clip Complete $\frac{7}{8}$ " \emptyset (22.2 mm) for Double Wire Frame	Chrome
BYB.106	Clip Complete $\frac{7}{8}$ " \emptyset (22.2 mm) for Double Wire Frame	Enamel
BYB.107	Clip Complete $\frac{7}{8}$ " (22.2 mm) for Treble Wire Frame	Chrome
BYB.108	Clip Complete $\frac{7}{8}$ " (22.2 mm) for Treble Wire Frame	Enamel
BYB.130	Nose Piece	Chrome
BYB.131	Nose Piece for Professional and Competition	Copper
BYB.119	Nose Piece for Professional 'Select'	Enamel
BMP.173	Tension Pin Assembly for Professional	Chrome
BMP.174	Tension Pin Assembly	Chrome
BMP.253	Tension Pin Assembly for Professional "Select"	Chrome
BMP.175	Clip Bolt and Nuts	Chrome
BMP.178	Clip Bolt and Nuts	Chrome
BYP.780	"Proofide" Leather Saddle Dressing	—
HTR.128	Allen Key $\frac{7}{32}$ " (5.6 mm) for Professional "Select" Saddle	—

Seat pillars

Sales No.	Length	Maximum Diameter
PFS.102	10" (254 mm)	1" (25.4 mm)
PFS.103	7" (177 mm)	$\frac{7}{8}$ " (22.2 mm)
PFS.104	12 $\frac{3}{8}$ " (314 mm)	1 $\frac{1}{8}$ " (28.6 mm)
PFS.601	9 $\frac{1}{2}$ " (241 mm)	1 $\frac{1}{64}$ " (25.8 mm)
PFS.602	8" (203 mm)	1 $\frac{1}{64}$ " (25.8 mm)
PFS.603	8 $\frac{1}{2}$ " (216 mm)	1 $\frac{1}{25}$ " (26.4 mm)
PFS.604	12 $\frac{1}{2}$ " (318 mm)	1 $\frac{1}{25}$ " (26.4 mm)
PFS.605	11 $\frac{1}{2}$ " (292 mm)	1 $\frac{1}{64}$ " (25.8 mm)
PFS.804	12" (305 mm)	1" (25.4 mm)
PFS.805	7 $\frac{1}{2}$ " (191 mm)	1" (25.4 mm)

All suitable for $\frac{7}{8}$ " \emptyset (22.2 mm) Saddle Clip.

Hub Gears Hub Brakes Dynamo Lighting

STURMEY-ARCHER
fully enclosed Hub Gears, Hub Brakes and
Dynohub Lighting make cycling easier, safer
and more enjoyable.

Modern bicycles need modern equipment —

STURMEY-ARCHER
— of course!



AW 3-speed wide ratio hub gear

Gear Ratios:

- Low Gear - Decrease of 25%
- Normal Gear - Direct Drive
- High Gear - Increase of 33 1/3%

Axle Lengths:

- 5 3/4" x 3/8" (146 x 9mm);
- 6 1/4" x 3/8" (159 x 9mm)

Spoke Holes:

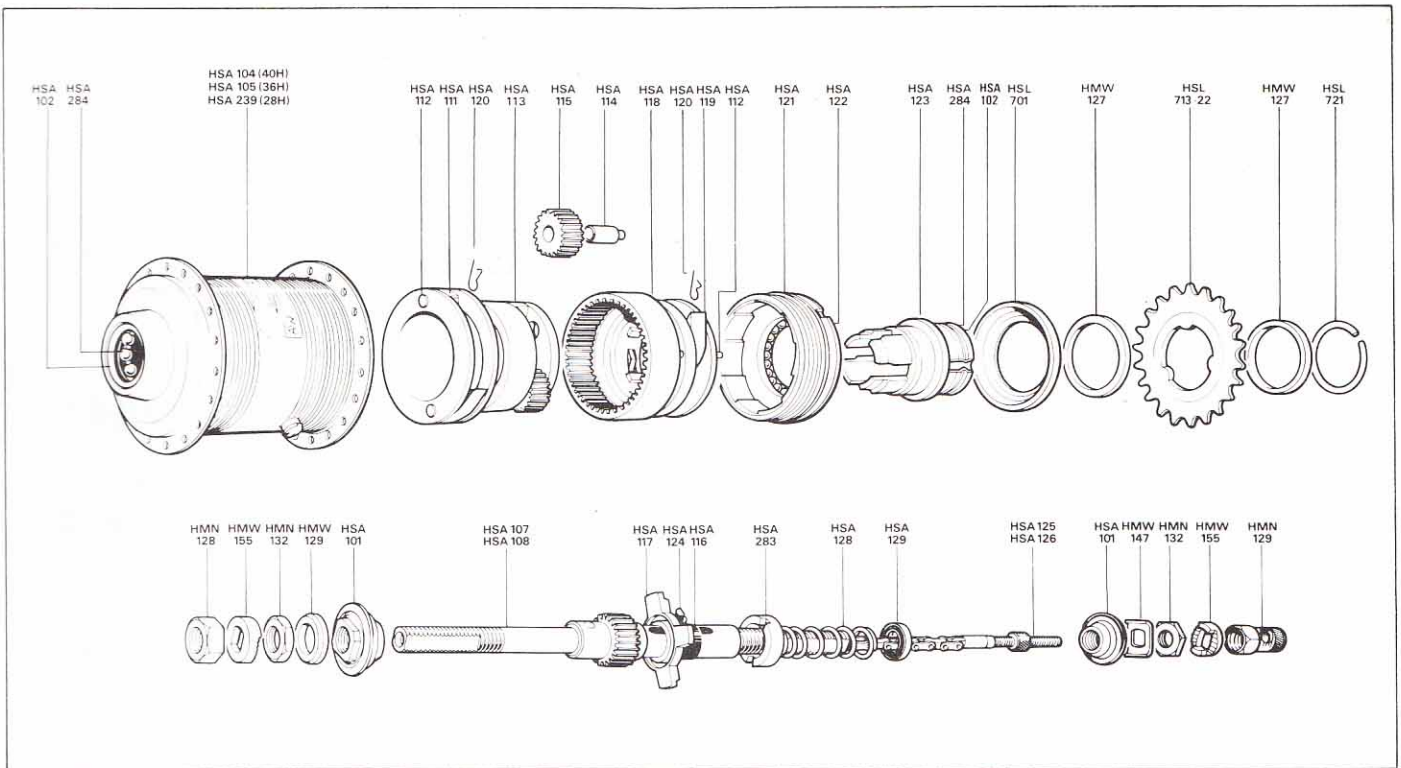
- 28 : 36 : 40

Sprockets:

- Pitch - 1/2" x 1/8" (13 x 3mm)
- Teeth: 13 : 14 : 15 : 16 : 17 : 18 : 19 : 20 : 22

Over Locknut Dimension:

- 4 5/8" (109mm) (Note - this dimension can be varied to suit customer's requirements)



SALES NO.	DESCRIPTION	SALES NO.	DESCRIPTION
HMN 128	Axle Nut L.H.	HSA 121	Ball Ring R.H.
HMN 129	Axle Nut R.H.	HSA 122	Inner Dust Cap
HMN 132	Cone Locknut	HSA 123	Driver
HMW 127	Sprocket Spacing Washer	HSA 124	Axle Key
HMW 129	Spacing Washer 1/8" (3.2mm)	HSA 125	Gear Indicator R.H. for 5 3/4" Axle (146mm)
HMW 147	Cone Lockwasher	HSA 126	Gear Indicator R.H. for 6 1/4" Axle (159mm)
HMW 155	Serrated Lockwasher	HSA 128	Clutch Spring
HSA 101	Cone	HSA 129	Cap for Clutch Spring
HSA 102	Outer Dust Cap	HSA 239	Hub Shell Assembly 28 Holes
HSA 104	Hub Shell Assembly 40 Holes	HSA 283	Thrust Ring
HSA 105	Hub Shell Assembly 36 Holes	HSA 284	Ball Cage (with ball bearings)
HSA 107	Axle 5 3/4" (146mm) with Sun Pinion	HSL 701	Sprocket Dustcap
HSA 108	Axle 6 1/4" (159mm) with Sun Pinion	HSL 713	Sprocket 13 Teeth
HSA 111	Low Gear Pawl	HSL 714	Sprocket 14 Teeth
HSA 112	Pawl Pin	HSL 715	Sprocket 15 Teeth
HSA 113	Planet Cage	HSL 716	Sprocket 16 Teeth
HSA 114	Pinion Pin	HSL 717	Sprocket 17 Teeth
HSA 115	Planet Pinion	HSL 718	Sprocket 18 Teeth
HSA 116	Clutch Sleeve	HSL 719	Sprocket 19 Teeth
HSA 117	Clutch	HSL 720	Sprocket 20 Teeth
HSA 118	Gear Ring	HSL 721	Sprocket Circlip
HSA 119	Pawl for Gear Ring	HSL 722	Sprocket 22 Teeth
HSA 120	Pawl Spring		

S3C Tricoaster

3-speed gear & coaster brake

Gear Ratios:

Low Gear - Decrease of 25%
 Normal Gear - Direct Drive
 High Gear - Increase of 33 1/3%

Axle Lengths:

6" x 3/8" (152 x 9mm); 6 1/4" x 3/8" (159 x 9mm)

Spoke Holes:

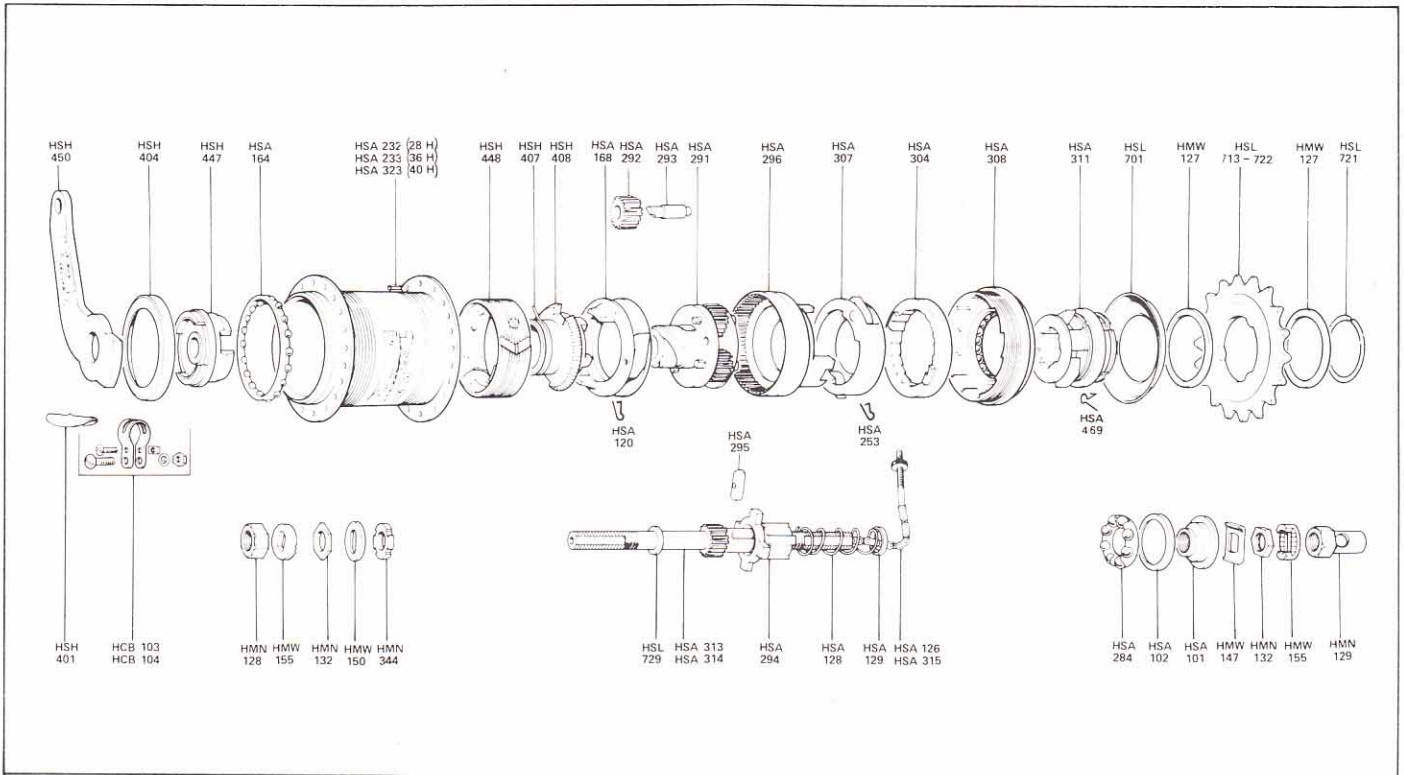
28 : 36 : 40

Sprockets:

Pitch - 1/2" x 1/8" (13 x 3mm)
 Teeth - 13 : 14 : 15 : 16 : 17 : 18 :
 19 : 20 : 22

Over Locknut Dimensions:

4 7/8" (112.7mm) (Note - this dimension can be varied to suit customer's requirements)



SALES NO.	DESCRIPTION	SALES NO.	DESCRIPTION
HCB 103	Brake Arm Clip Assembly 1/16" (17.4mm)	HSA 304	Ratchet Ring
HCB 104	Brake Arm Clip Assembly 1/2" (12.7mm)	HSA 307	Pawl Ring Assembly for Gear Ring
HMN 128	Axle Nut L.H.	HSA 308	Ball Ring Assembly with Dust Cap
HMN 129	Axle Nut R.H.	HSA 311	Driver Assembly
HMN 132	Cone Locknut	HSA 313	Axle 6" (152mm)
HMN 344	Brake Arm Nut	HSA 314	Axle 6 1/4" (159mm)
HMW 127	Sprocket Spacing Washer	HSA 315	Gear Indicator for 6 1/4" Axle (159mm)
HMW 147	Cone Lockwasher	HSA 323	Hub Shell Assembly 40 Holes
HMW 150	Lockwasher	HSA 469	Pawl Spring (Driver)
HMW 155	Serrated Lockwasher	HSH 401	Strengthening pad
HSA 101	Cone R.H.	HSH 404	Outer Dust Cap for L.H. Cone
HSA 102	Outer Dust Cap	HSH 407	Brake Actuating Spring
HSA 120	Pawl Spring (Planet Cage)	HSH 408	Brake Thrust Plate
HSA 126	Gear Indicator for 6" Axle (152mm)	HSH 447	Cone L.H.
HSA 128	Clutch Spring	HSH 448	Brake Band Assembly
HSA 129	Cap for Clutch Spring	HSH 450	Brake Arm
HSA 164	Ball Cage L.H.	HSL 701	Sprocket Dustcap
HSA 168	Pawl Ring Assembly for Planet Cage	HSL 713	Sprocket 13 Teeth
HSA 232	Hub Shell Assembly 28 Holes	HSL 714	Sprocket 14 Teeth
HSA 233	Hub Shell Assembly 36 Holes	HSL 715	Sprocket 15 Teeth
HSA 253	Pawl Spring (Gear Ring)	HSL 716	Sprocket 16 Teeth
HSA 284	Ball Cage R.H.	HSL 717	Sprocket 17 Teeth
HSA 291	Planet Cage	HSL 718	Sprocket 18 Teeth
HSA 292	Planet Pinion	HSL 719	Sprocket 19 Teeth
HSA 293	Pinion Pin	HSL 720	Sprocket 20 Teeth
HSA 294	Clutch	HSL 721	Sprocket Circlip
HSA 295	Key for Axle	HSL 722	Sprocket 22 Teeth
HSA 296	Gear Ring	HSL 729	Circlip for Securing Planet Cage

S5 five speed wide ratio hub gear

Gear Ratios:

Super Low Gear - decrease of 33 1/3%
 Low Gear - decrease of 21.1%
 Normal Gear - direct drive
 High Gear - increase of 26.6%
 Super High Gear - increase of 50%

Axle Lengths:

5 9/16" x 3/8" (148mm x 9mm);
 6 1/8" x 3/8" (154 x 9mm);
 6 5/16" x 3/8" (160 x 9mm)

Spoke Holes:

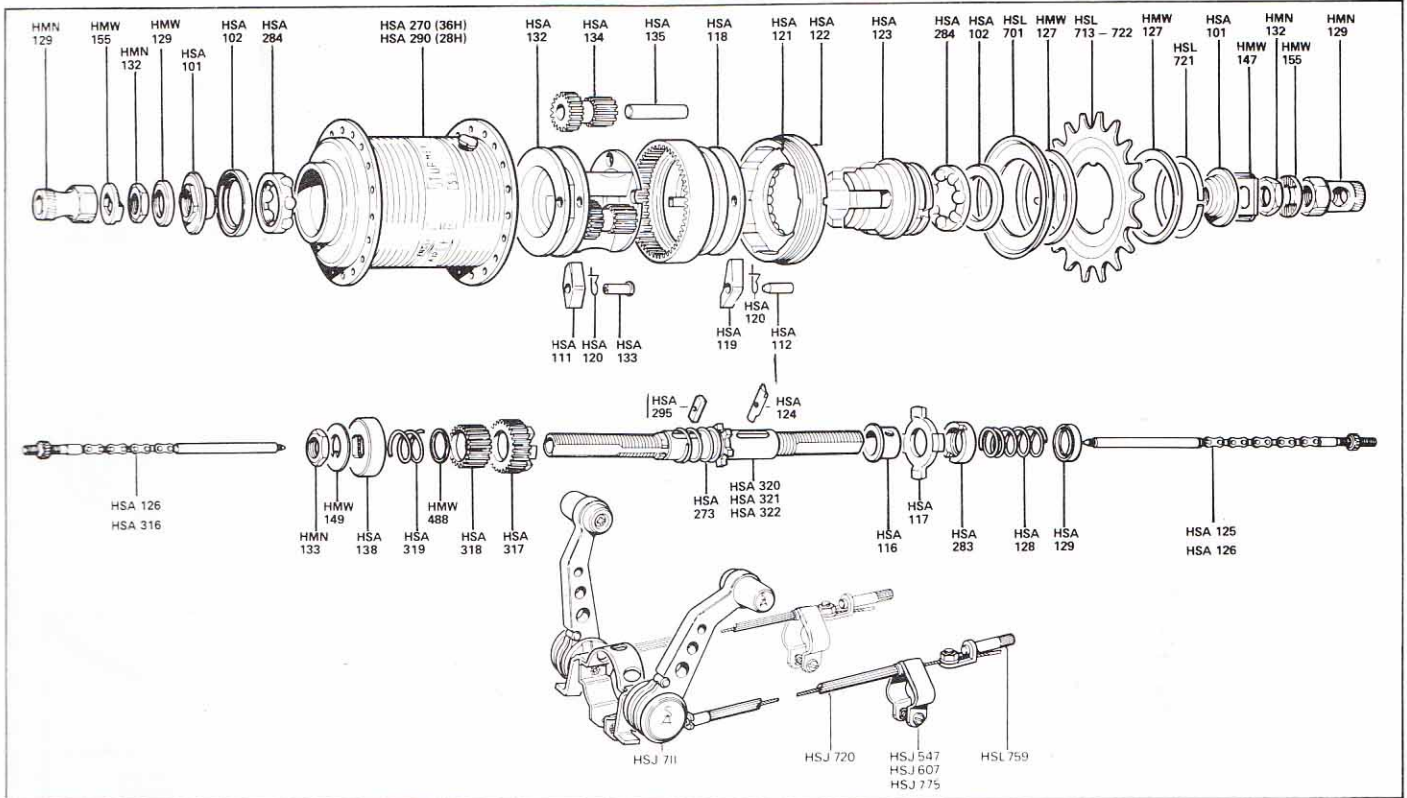
28 : 36

Sprockets:

Pitch - 1/2" x 1/8" (13 x 3mm)
 Teeth - 13 : 14 : 15 : 16 : 17 : 18 : 19 :
 20 : 22

Over Locknut Dimension:

4 1/2" (114.3mm) (Note - this dimension can be varied to suit customers' requirements)



SALES NO.	DESCRIPTION	SALES NO.	DESCRIPTION
HMN 129	Axle Nut	HSA 273	Low Gear Spring
HMN 132	Cone Locknut	HSA 283	Thrust Ring
HMN 133	Locknut for Dog Ring	HSA 284	Ball Cage
HMN 134	Indicator Connector Lock Nut	HSA 290	Shell with Ball Cup - 28 Holes
HMW 127	Sprocket Spacing Washer	HSA 295	Low Gear Axle Key
HMW 129	Spacing Washer 1/8" (3.2mm)	HSA 316	Gear Indicator L.H. for 6 5/16" Axle (160mm)
HMW 147	Cone Lockwasher	HSA 317	Primary Sun Pinion
HMW 149	Lockwasher for Dog Ring	HSA 318	Secondary Sun Pinion
HMW 155	Serrated Lockwasher	HSA 319	Pinion Return Spring
HMW 488	Washer for Pinion Return Spring	HSA 320	Axle 5 9/16" (148mm)
HSA 101	Cone	HSA 321	Axle 6 1/8" (154mm)
HSA 102	Outer Dust Cap	HSA 322	Axle 6 5/16" (160mm)
HSA 111	Low Gear Pawl	HSJ 515	Fulcrum Sleeve
HSA 112	Pawl Pin for Gear Ring	HSJ 547	Fulcrum Clip 5/8" dia. (15.8mm) Chainstay Fitting
HSA 116	Clutch Sleeve	HSJ 607	Fulcrum Clip 1/2" dia. (12.7mm) Backstay Fitting
HSA 117	Clutch	HSJ 711	Dual Levers complete with two cables and anchorages - clip dia. 1" & 1 1/8" (25.4 & 28.6mm)
HSA 118	Gear Ring	HSJ 720	Cable complete with anchorage - 36" x 30" (914 x 762mm) Black/White/Silver
HSA 119	Pawl for Gear Ring	HSJ 773	Dual Levers complete with two cables and anchorages - clip dia. 7/8" (22.2mm) - stem fitting, not illustrated
HSA 120	Pawl Spring	HSJ 774	Cable complete with anchorage - 53" x 47" (1346 x 1194mm) for stem fittings
HSA 121	Ball Ring R.H.	HSJ 775	Universal Fulcrum Clip
HSA 122	Inner Dust Cap	HSL 701	Sprocket Dustcap
HSA 123	Driver	HSL 713	Sprocket 13 Teeth
HSA 124	Axle Key	HSL 714	Sprocket 14 Teeth
HSA 125	Gear Indicator R.H. for 5 9/16" Axle (148mm) Gear Indicator R.H. for 6 1/8" Axle (154mm) and 6 5/16" Axle (160mm) Gear Indicator L.H. for 5 9/16" Axle (148mm) and 6 1/8" Axle (154mm)	HSL 715	Sprocket 15 Teeth
HSA 126		HSL 716	Sprocket 16 Teeth
HSA 128	Clutch Spring	HSL 717	Sprocket 17 Teeth
HSA 129	Cap for Clutch Spring	HSL 718	Sprocket 18 Teeth
HSA 132	Planet Cage	HSL 719	Sprocket 19 Teeth
HSA 133	Pawl Pin for Planet Cage	HSL 720	Sprocket 20 Teeth
HSA 134	Planet Pinion	HSL 721	Sprocket Circlip
HSA 135	Pinion Pin	HSL 722	Sprocket 22 Teeth
HSA 138	Dog Ring	HSL 759	Cable Anchorage
HSA 270	Shell with Ball Cup - 36 Holes		

SAB3 rear internal expanding hub brake combined with 3 speed gear

Gear Ratios:

Low Gear - Decrease of 25%
 Normal Gear - Direct Drive
 High Gear - Increase of 33 1/3 %

Axle Lengths:

5 3/4" x 3/8" (146 x 9mm)
 6 1/4" x 3/8" (159 x 9mm)

Spoke Holes:

28: 36: 40

Sprockets:

Pitch - 1/2" x 1/8" (13 x 3mm)
 Teeth - 13: 14: 15: 16: 17: 18: 19: 20: 22

Over Locknut Dimension:

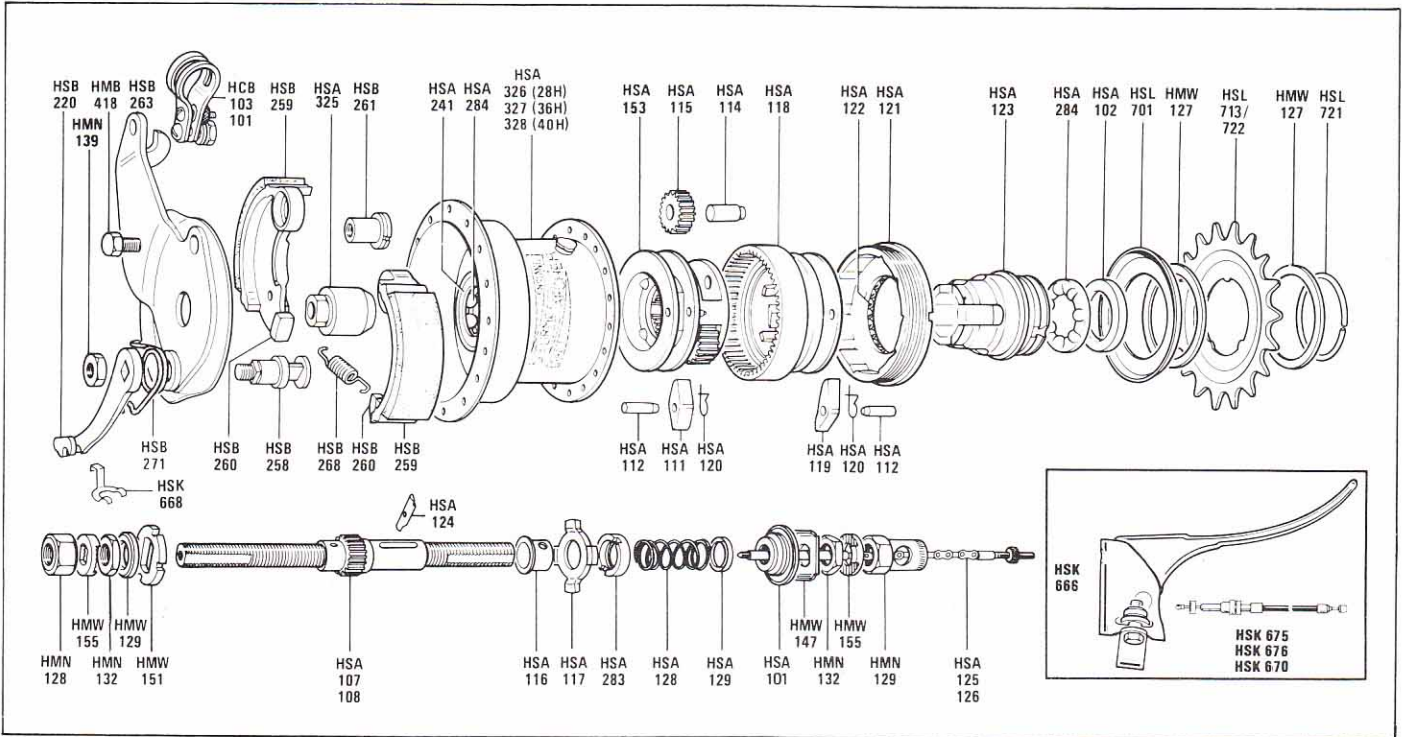
4 3/8" (111mm)
 (Note - this dimension can be varied to suit customer's requirements)

Diameter of Brake Drum:

2 3/4" (70mm)

Die-cast Alloy Brake Shoes

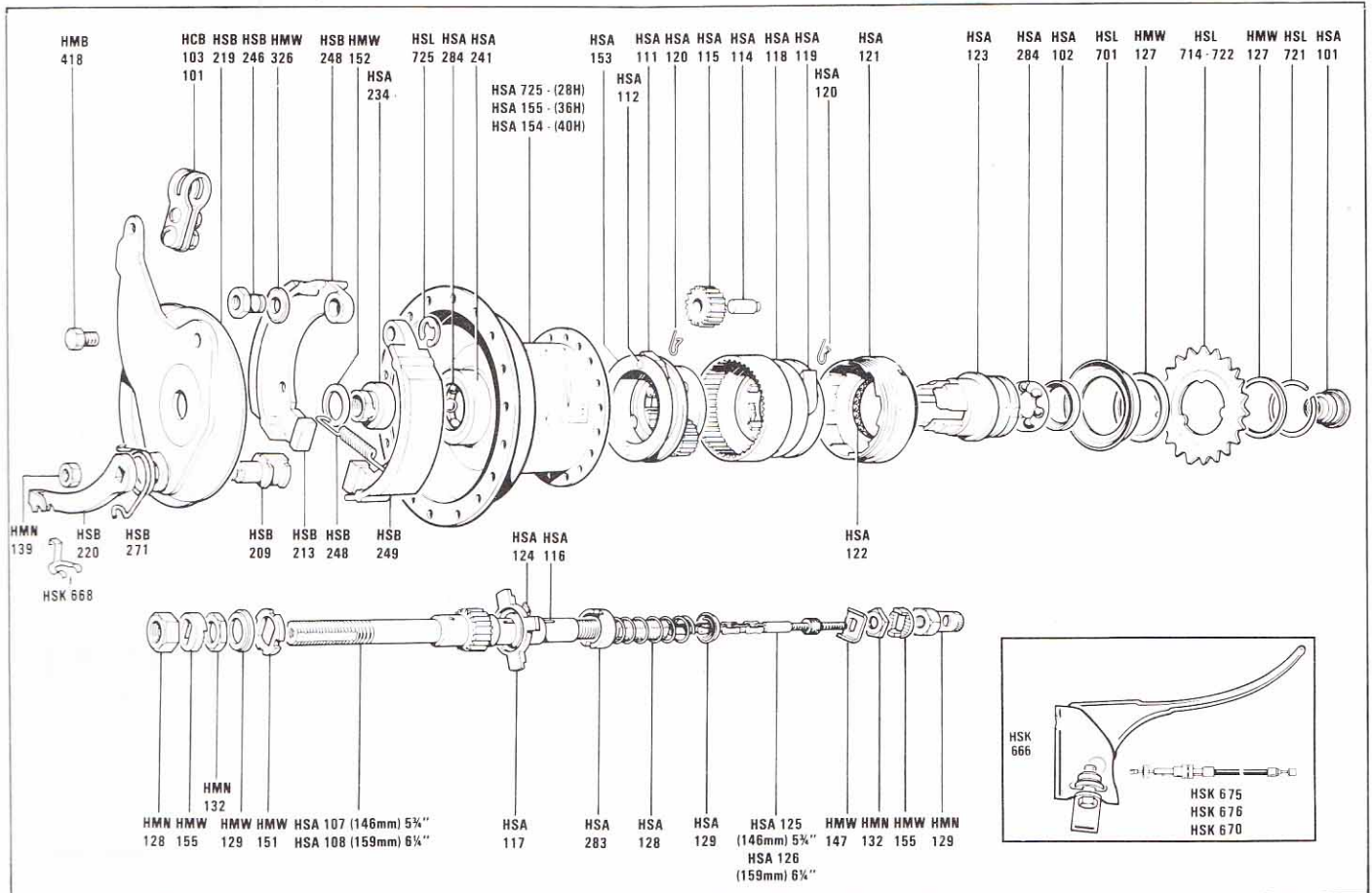
Bonded Brake Linings



SALES NO.	DESCRIPTION	SALES NO.	DESCRIPTION
HCB 101	Brake Arm Clip Assembly 5/8" (15.9mm)	HSA 153	Planet Cage
HCB 103	Brake Arm Clip Assembly 2 3/32" (18.3mm)	HSA 241	Grease Retainer
HMB 418	Pivot Bolt	HSA 283	Thrust Ring
HMN 128	Axle Nut L.H.	HSA 284	Ball Cage (with ball bearings)
HMN 129	Axle Nut R.H.	HSA 325	Cone L.H.
HMN 132	Cone Locknut	HSA 326	Hub Shell Assembly - 28 Holes
HMN 139	Cam Lever Nut	HSA 327	Hub Shell Assembly - 36 Holes
HMW 127	Sprocket Spacing Washer	HSA 328	Hub Shell Assembly - 40 Holes
HMW 129	Axle Washer	HSB 220	Cam Lever
HMW 147	Cone Lockwasher	HSB 258	Brake Operating Cam
HMW 151	Cone Adjuster	HSB 259	Brake Shoe with Bonded Lining
HMW 155	Serrated Washer	HSB 260	Brake Shoe Cap
HSA 101	Cone R.H.	HSB 261	Pivot Sleeve
HSA 102	Outer Dust Cap	HSB 263	Brake Arm Assembly
HSA 107	Axle - 5 3/4" (146mm) with Sun Pinion	HSB 268	Brake Spring
HSA 108	Axle - 6 1/4" (159mm) with Sun Pinion	HSB 271	Brake Arm Spring
HSA 111	Low Gear Pawl	HSK 675	Cable Complete (58") Black
HSA 112	Pawl Pin	HSK 676	Cable Complete (58") Silver
HSA 114	Pinion Pin	HSK 670	Cable Complete (58") White
HSA 115	Planet Pinion	HSK 666	Brake Lever Assembly
HSA 116	Clutch Sleeve	HSK 668	Brake Cable Nipple Retainer
HSA 117	Clutch	HSL 701	Sprocket Dust Cap
HSA 118	Gear Ring	HSL 713	Sprocket 13 Teeth
HSA 119	Pawl for Gear Ring	HSL 714	Sprocket 14 Teeth
HSA 120	Pawl Spring	HSL 715	Sprocket 15 Teeth
HSA 121	Ball Ring R.H.	HSL 716	Sprocket 16 Teeth
HSA 122	Inner Dust Cap	HSL 717	Sprocket 17 Teeth
HSA 123	Driver	HSL 718	Sprocket 18 Teeth
HSA 124	Axle Key	HSL 719	Sprocket 19 Teeth
HSA 125	Gear Indicator R.H. for 5 3/4" Axle (146mm)	HSL 720	Sprocket 20 Teeth
HSA 126	Gear Indicator R.H. for 6 1/4" Axle (159mm)	HSL 721	Sprocket Circlip
HSA 128	Clutch Spring	HSL 722	Sprocket 22 Teeth
HSA 129	Cap for Clutch Spring		

AB/C rear internal expanding hub brake combined with AW 3-speed gear

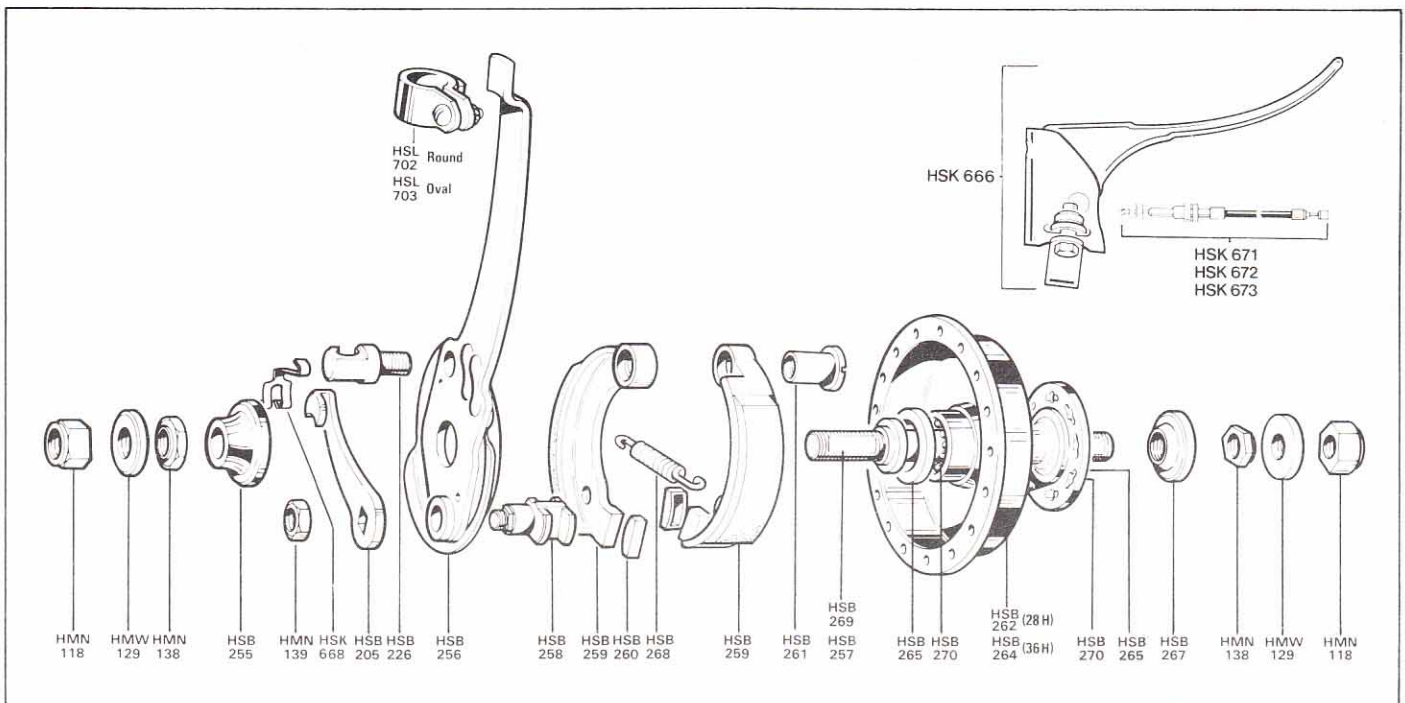
Diameter of Brake Drum: 3½" (90 mm)



SALES No.	DESCRIPTION	SALES No.	DESCRIPTION
HCB 101	Brake Arm Clip complete $\frac{5}{16}$ " \varnothing	HSA 126	Indicator Coupling 6½" (159mm) Axle
HCB 103	Brake Arm Clip complete (Large) $\frac{3}{8}$ " \varnothing	HSA 128	Clutch Spring
HMB 418	Pivot Bolt	HSA 129	Clutch Spring Cap
HMN 128	L.H. Axle Nut	HSA 153	Planet Cage
HMN 129	R.H. Axle Nut	HSA 154	Hub Shell Assembly - 40 Hole
HMN 132	Cone Locknut	HSA 155	Hub Shell Assembly — 36 Hole
HMN 134	Locknut (For Indicator Coupling)	HSA 234	L.H. Cone
HMN 139	Nut for Cam Lever	HSA 241	Grease Retainer
HMW 127	Sprocket Spacing Washer - $\frac{1}{16}$ "	HSA 275	Hub Shell Assembly — 28 Hole
HMW 129	Axle Washer — $\frac{1}{8}$ "	HSA 283	Thrust Ring
HMW 147	Cone Lockwasher	HSA 284	Ball Cage with $\frac{1}{4}$ " diameter Balls
HMW 151	Cone adjuster	HSB 209	Brake Operating Cam
HMW 152	Spacing Washer — $\frac{3}{32}$ "	HSB 213	Brake Shoe End Cap
HMW 155	Serrated Washer	HSB 219	Brake Arm Assembly
HMW 326	Washer	HSB 220	Cam Lever
HSA 101	R.H. Cone with Dust Cap	HSB 246	Pivot Sleeve
HSA 102	Outer Dust Cap	HSB 248	Brake Shoe Spring
HSA 107	Axle — 5¾" (146mm) with Sun Pinion	HSB 249	Brake Shoe Assembly
HSA 108	Axle — 6½" (159mm) with Sun Pinion	HSB 271	Brake Arm Spring
HSA 111	Planet Cage Pawl	HSL 701	Sprocket Dust Cap
HSA 112	Pawl Pin	HSL 714	Sprocket 14T
HSA 114	Pinion Pin	HSL 715	Sprocket 15T
HSA 115	Planet Pinion	HSL 717	Sprocket 17T
HSA 116	Clutch Sleeve	HSL 718	Sprocket 18T
HSA 117	Clutch	HSL 719	Sprocket 19T
HSA 118	Gear Ring	HSL 720	Sprocket 20T
HSA 119	Gear Ring Pawl	HSL 721	Sprocket Circlip
HSA 120	Pawl Spring	HSL 722	Sprocket 22T
HSA 121	R.H. Ball Ring	HSL 725	Circlip for Pivot Sleeve
HSA 122	Inner Dust Cap	HSK 675	Cable Complete 58" Black
HSA 123	Driver	HSK 676	Cable Complete 58" Silver
HSA 124	Axle Key	HSK 670	Cable Complete 58" White
HSA 125	Indicator Coupling 5¾" (146mm) Axle	HSK 666	Brake Lever Assembly
		HSK 668	Brake Cable Nipple Retainer

SBF front internal expanding hub brake

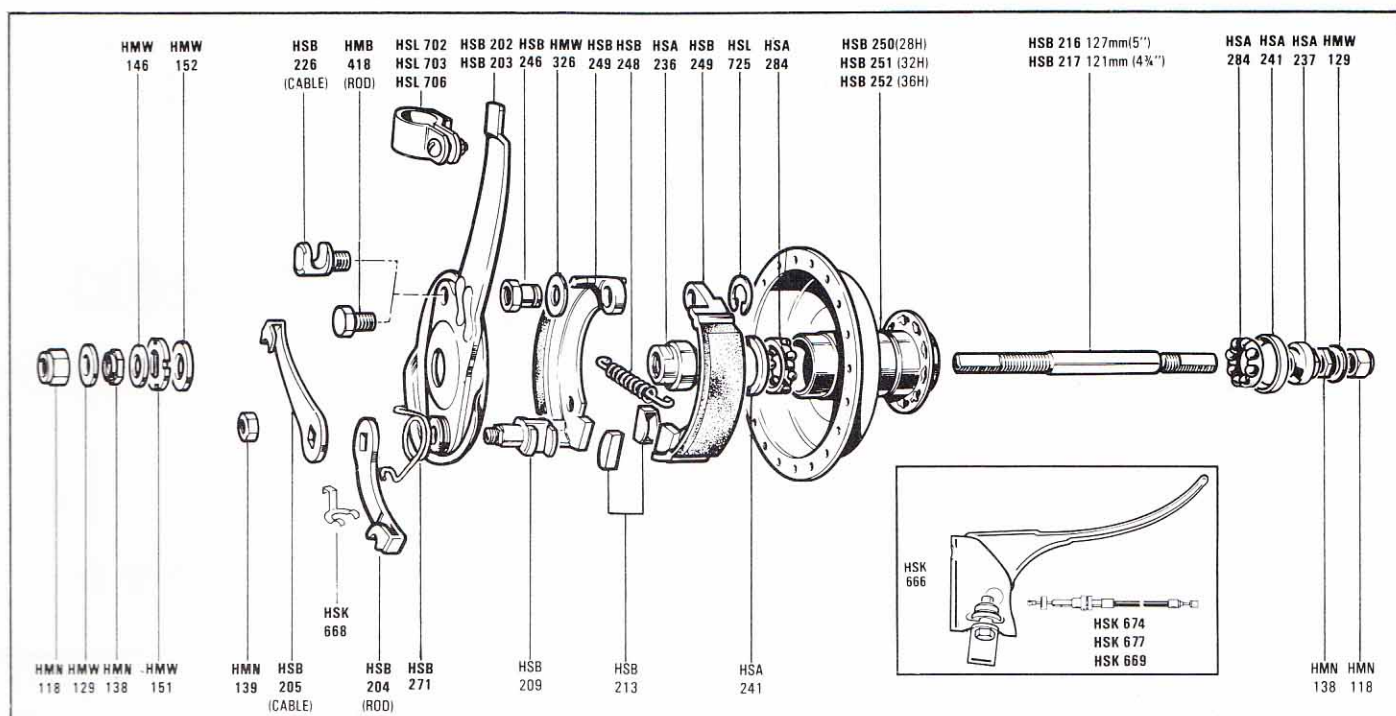
Diameter of Brake Drum: 2 $\frac{3}{4}$ " (70mm)



SALES NO.	DESCRIPTION	SALES NO.	DESCRIPTION
HMN 118	Axle Nut	HSB 264	Hub Shell Assembly (36 Holes)
HMN 138	Cone Locknut with Spigot	HSB 265	Cone Dust Cover
HMN 139	Cam Lever Nut	HSB 267	Right Hand Cone - Adjustable
HMW 129	Axle Washer	HSB 268	Brake Spring
HSB 205	Cam Lever	HSB 269	Axle/Cone Assembly - 4 $\frac{3}{4}$ " x $\frac{3}{8}$ " (120.6 x 9.5mm)
HSB 226	Cable Guide	HSB 270	Ball Cage Assembly ($\frac{3}{16}$ " Balls)
HSB 255	Spacer	HSK 671	Cable Complete 36" x 40 $\frac{1}{2}$ " Black
HSB 256	Torque Arm and Brake Plate	HSK 672	Cable Complete 36" x 40 $\frac{1}{2}$ " Silver
HSB 257	Axle & Cone Assembly - 5" x $\frac{3}{8}$ " (127 x 9.5mm)	HSK 673	Cable Complete 36" x 40 $\frac{1}{2}$ " White
HSB 258	Brake Operating Cam	HSK 666	Brake Lever Assembly
HSB 259	Brake Shoe with Bonded Lining	HSK 668	Brake Cable Nipple Retainer
HSB 260	Brake Shoe Cap	HSL 702	Torque Arm Clip - Round
HSB 261	Pivot Sleeve	HSL 703	Torque Arm Clip - Oval
HSB 262	Hub Shell Assembly (28 Holes)	PKM 150	Lever Fulcrum Clip
		PMP 242	Clip Bolt complete with Nut and Washer

BF/C front internal expanding hub brake

Diameter of Brake Drum: 3½" (90 mm)

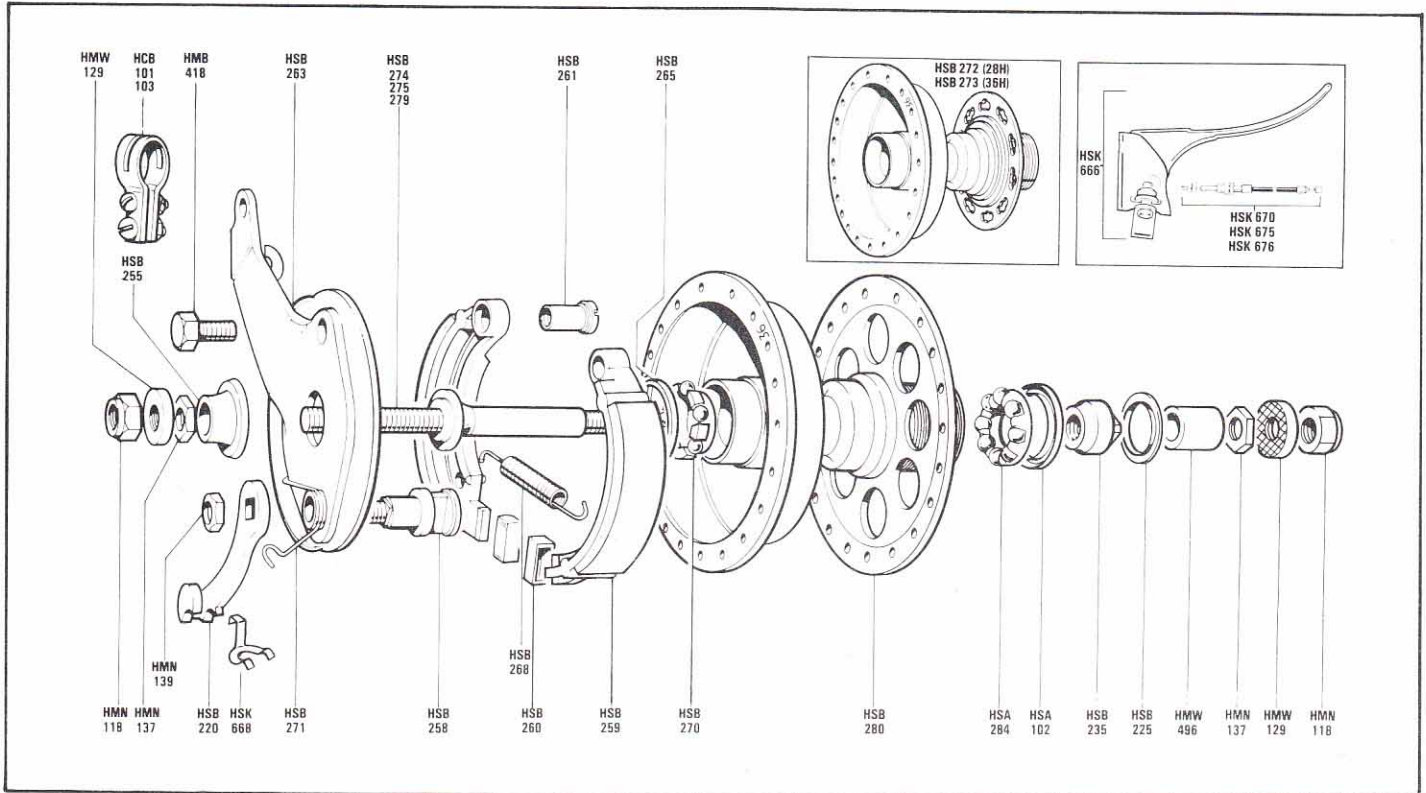


SALES No.	DESCRIPTION	SALES No.	DESCRIPTION
HMB 418	Pivot Bolt	HSB 213	Brake Shoe Cap
HMN 118	Axle Nut	HSB 216	Axle — 5" (127mm)
HMN 138	Cone Locknut with Spigot	HSB 217	Axle 4¾" (121mm)
HMN 139	Cam Lever Nut for Brake Lever	HSB 226	Cable Wire Guide
HMW 129	Axle Washer — ⅜" thick	HSB 246	Pivot Sleeve
HMW 146	Axle Washer — ⅜" thick	HSB 248	Brake Shoe Spring
HMW 151	Notched Cone Adjusting Washer	HSB 249	Brake Shoe and Bonded Lining Assembly
HMW 152	Spacing Washer ⅜"	HSB 250	Hub Shell Assembly — 28 Hole
HMW 326	Washer	HSB 251	Hub Shell Assembly — 32 Hole
HSA 236	L.H. Cone	HSB 252	Hub Shell Assembly — 36 Hole
HSA 237	R.H. Cone	HSB 271	Brake Arm Spring
HSA 241	Grease Retainer	HSL 702	Brake Arm Clip — Round
HSA 284	Ball Cage	HSL 703	Brake Arm Clip — Oval
HSB 202	Brake Plate and Arm for Rod operation — BF	HSL 706	Brake Arm Clip — Roadster
HSB 203	Brake Plate and Arm for Cable operation — BF/C	HSL 725	Circlip — for Pivot Sleeve
HSB 204	Cam Lever for Rod operation	HSK 666	Brake Lever Assembly
HSB 205	Cam Lever for Cable operation	HSK 668	Brake Cable Nipple Retainer
HSB 209	Brake Operating Cam	HSK 669	Cable Complete 36" White
		HSK 674	Cable Complete 36" Black
		HSK 677	Cable Complete 36" Silver

SBR rear internal expanding hub brake

Diameter of Brake Drum: 2³/₄" (70mm)

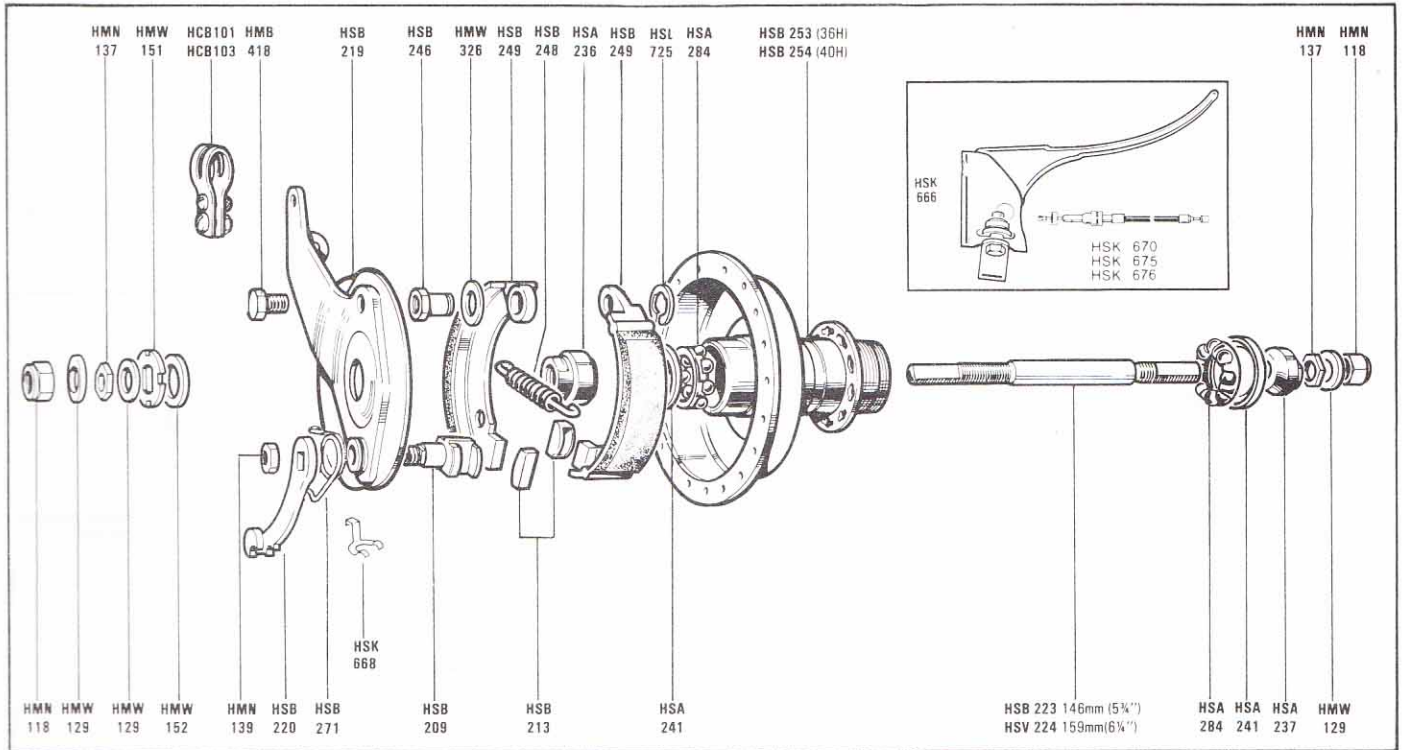
(Suitable for Single Speed and Deraillieur Gears)



SALES NO.	DESCRIPTION	SALES NO.	DESCRIPTION
HCB 101	Brake Arm Clip Assembly $\frac{5}{8}$ " (15.9mm)	HSB 265	Cone Dust Cover L.H.
HCB 103	Brake Arm Clip Assembly $2\frac{3}{32}$ " (18.3mm)	HSB 268	Brake Shoe Spring
HMB 418	Pivot Bolt	HSB 270	Ball Cage Assembly L.H. $\frac{3}{16}$ " (4.8mm) Ball
HMN 118	Axle Nut	HSB 271	Brake Arm Spring
HMN 137	Cone Locknut	HSB 272	Hub Shell Assembly 28H Small Flange
HMN 139	Cam Lever Nut	HSB 273	Hub Shell Assembly 36H Small Flange
HMW 129	Axle Washer $\frac{1}{8}$ " (3.2mm)	HSB 274	Axle and Fixed Cone Assembly $5\frac{3}{4}$ " (146mm) for Large & Small Flange Hub
HMW 146	Spacing Washer $\frac{1}{16}$ " (1.6mm)	HSB 275	Axle and Fixed Cone Assembly $6\frac{1}{4}$ " (159mm) for Large & Small Flange Hub
HMW 483	Spacing Washer $\frac{3}{16}$ " (4.8mm)	HSB 279	Axle and Fixed Cone Assembly $6\frac{1}{4}$ " (159mm) for Large & Small Flange Deraillieur Hub
HMW 496	Spacer $\frac{2}{3}$ " (16.8mm)	HSB 280	Hub Shell Assembly 36H Large Flange
HSA 102	Outer Dust Cap	HSK 666	Brake Lever Assembly
HSA 284	Ball Cage Assembly R.H. $\frac{1}{4}$ " (6.4mm) Ball	HSK 668	Brake Cable Nipple Retainer
HSB 220	Cam Lever	HSK 670	Cable Complete 58" White
HSB 225	Cone Dust Cover R.H.	HSK 675	Cable Complete 58" Black
HSB 235	Adjustable Cone R.H.	HSK 676	Cable Complete 58" Silver
HSB 255	Spacer L.H.		
HSB 258	Brake Cam		
HSB 259	Brake Shoe with Bonded Lining		
HSB 260	Brake Shoe Cap		
HSB 261	Pivot Sleeve		
HSB 263	Brake Arm Assembly		

BR/C rear internal expanding hub brake

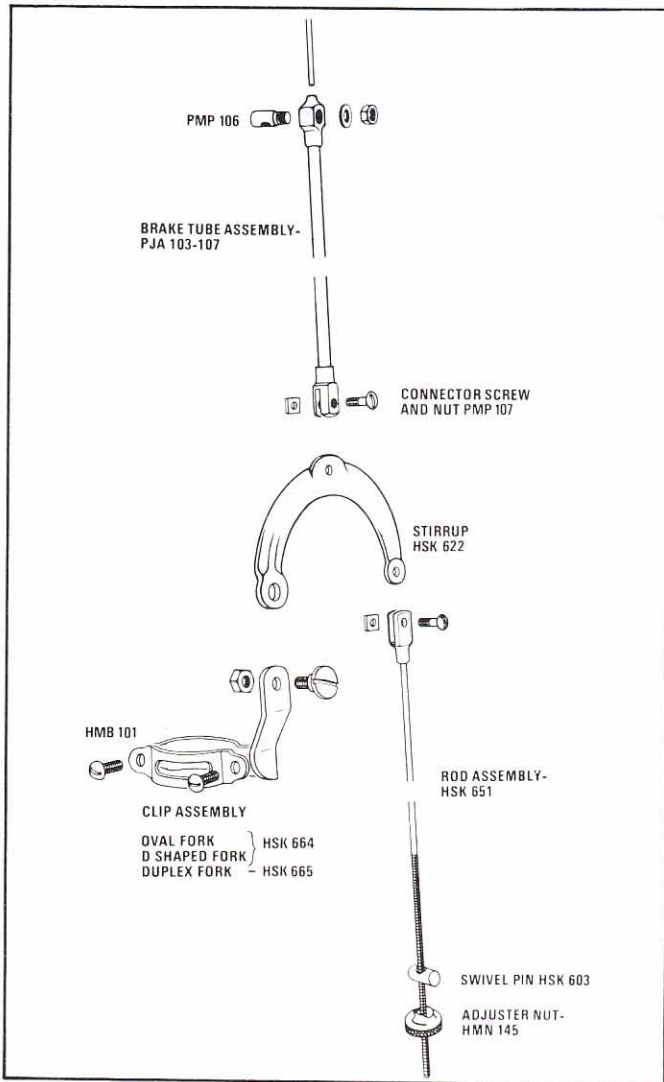
Diameter of Brake Drum: 3½" (90 mm)



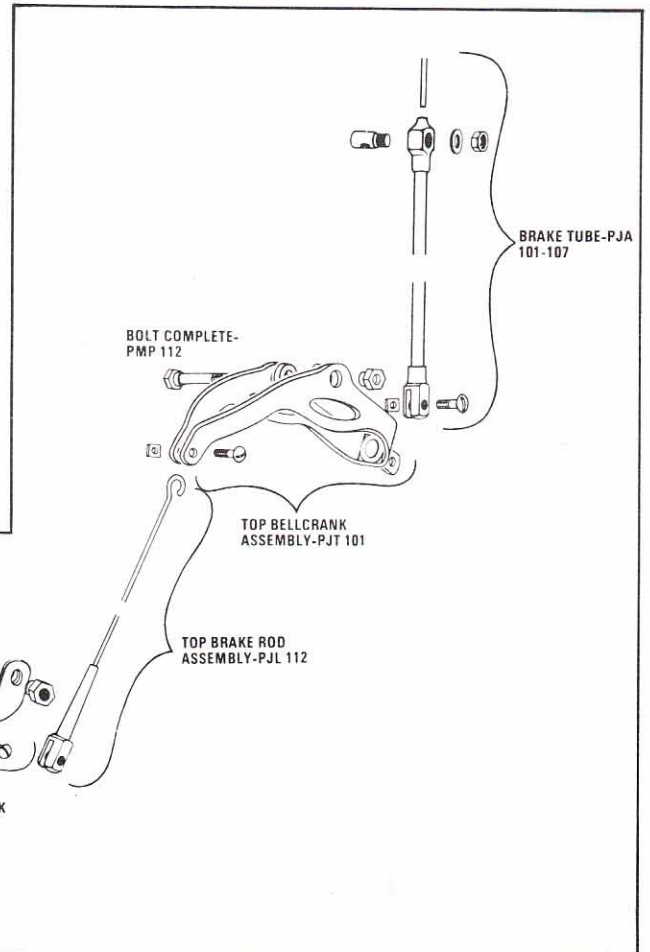
SALES No.	DESCRIPTION	SALES No.	DESCRIPTION
HCB 101	Brake Arm Clip — small	HSB 219	Brake Plate and Arm
HCB 103	Brake Arm Clip — large	HSB 220	Cam Lever Brake
HMB 418	Pivot Bolt	HSB 223	Axle — 5¾" (146mm)
HMN 118	Axle Nut	HSB 224	Axle — 6¼" (159mm)
HMN 137	Cone Locknut	HSB 246	Pivot Sleeve
HMN 139	Locknut	HSB 248	Brake Shoe Spring
HMW 129	Axle Washer, ⅜" thick	HSB 249	Brake Shoe and Bonded Lining Assembly
HMW 151	Notched Cone Adjusting Washer	HSB 253	Hub Shell Assembly — 36 Hole
HMW 152	Spacing Washer ⅜"	HSB 254	Hub Shell Assembly — 40 Hole
HMW 326	Washer	HSB 271	Brake Arm Spring
HSA 236	L.H. Cone	HSL 725	Circlip for Pivot Sleeve
HSA 237	R.H. Cone	HSK 670	Cable Complete 58" White
HSA 241	Grease Retainer	HSK 675	Cable Complete 58" Black
HSA 284	Ball Cage	HSK 676	Cable Complete 58" Silver
HSB 209	Brake Operating Cam	HSK 666	Brake Lever Assembly
HSB 213	Brake Shoe Cap	HSK 668	Brake Cable Nipple Retainer

Rod controls for hub brakes

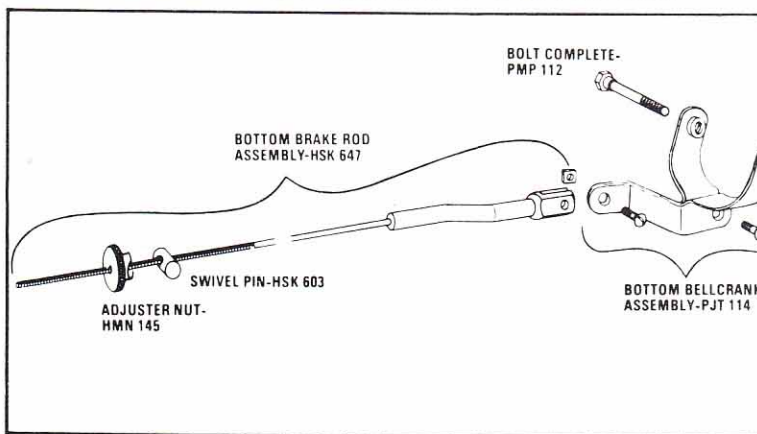
BF front rod brake control.



SALES No.	DESCRIPTION	(LENGTH BETWEEN CENTRES)
PJA 103	Brake Tube Assembly	3 ³ / ₈ " (85.7mm.)
PJA 104	Brake Tube Assembly	4 ³ / ₈ " (111.1mm.)
PJA 105	Brake Tube Assembly	5 ³ / ₈ " (136.5mm.)
PJA 106	Brake Tube Assembly	6 ³ / ₈ " (161.9mm.)
PJA 107	Brake Tube Assembly	8 ³ / ₈ " (212.7mm.)
HSK 622	Stirrup	
HSK 664	Clip Assembly (For Oval and 'D' Fork Blade)	
HSK 665	Clip Assembly (For Duplex Fork Blade)	
HSK 651	Rod Assembly	
HMP 107	Connector Screw Complete	
HSK 603	Swivel Pin	
HMN 145	Adjuster Nut	
HMB 101	Fork Clip Screw Complete	



BR & AB rod brake control.



SALES No.	DESCRIPTION	(LENGTH BETWEEN CENTRES)	SALES No.	DESCRIPTION
PJA 101	Brake Tube Assembly	1 ³ / ₈ " (34.9mm.)	PJT 101	Top Bell-Crank Assembly
PJA 102	Brake Tube Assembly	2 ³ / ₈ " (60.3mm.)	PJT 112	Down Rod Assembly
PJA 103	Brake Tube Assembly	3 ³ / ₈ " (85.7mm.)	PJT 114	Bottom Bell-Crank Assembly
PJA 104	Brake Tube Assembly	4 ³ / ₈ " (111.1mm.)	HSK 647	Bottom Rod Assembly
PJA 105	Brake Tube Assembly	5 ³ / ₈ " (136.5mm.)		
PJA 106	Brake Tube Assembly	6 ³ / ₈ " (161.9mm.)		
PJA 107	Brake Tube Assembly	8 ³ / ₈ " (212.7mm.)		

SC.1 single speed coaster hub brake

Axle Lengths

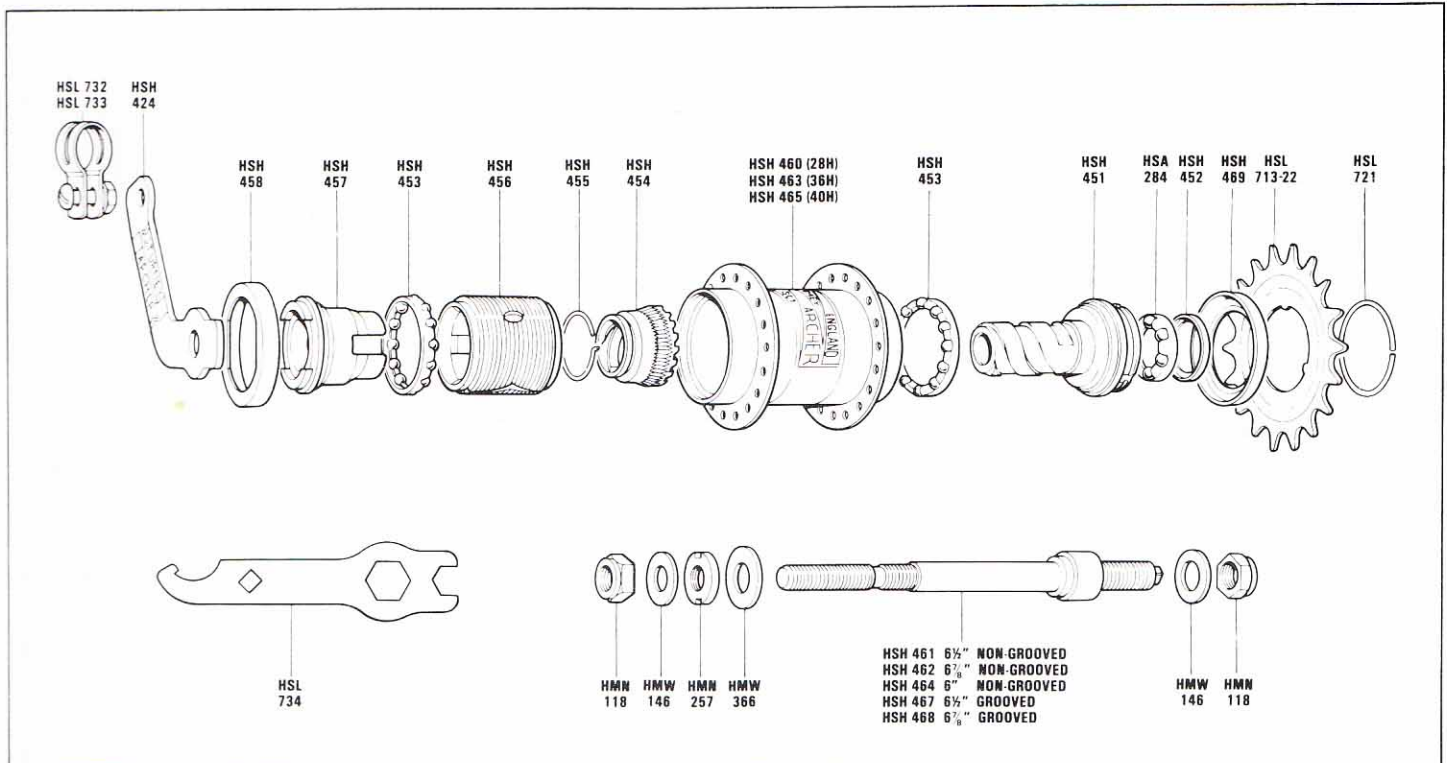
6" × 3/8" (152 × 9mm)
 6 1/2" × 3/8" (165 × 9mm)
 6 7/8" × 3/8" (175 × 9mm)

Sprockets

Pitch - 1/2" × 1/8" (13 × 3mm)
 Teeth - 13:14:15:16:17:18:19:20:22

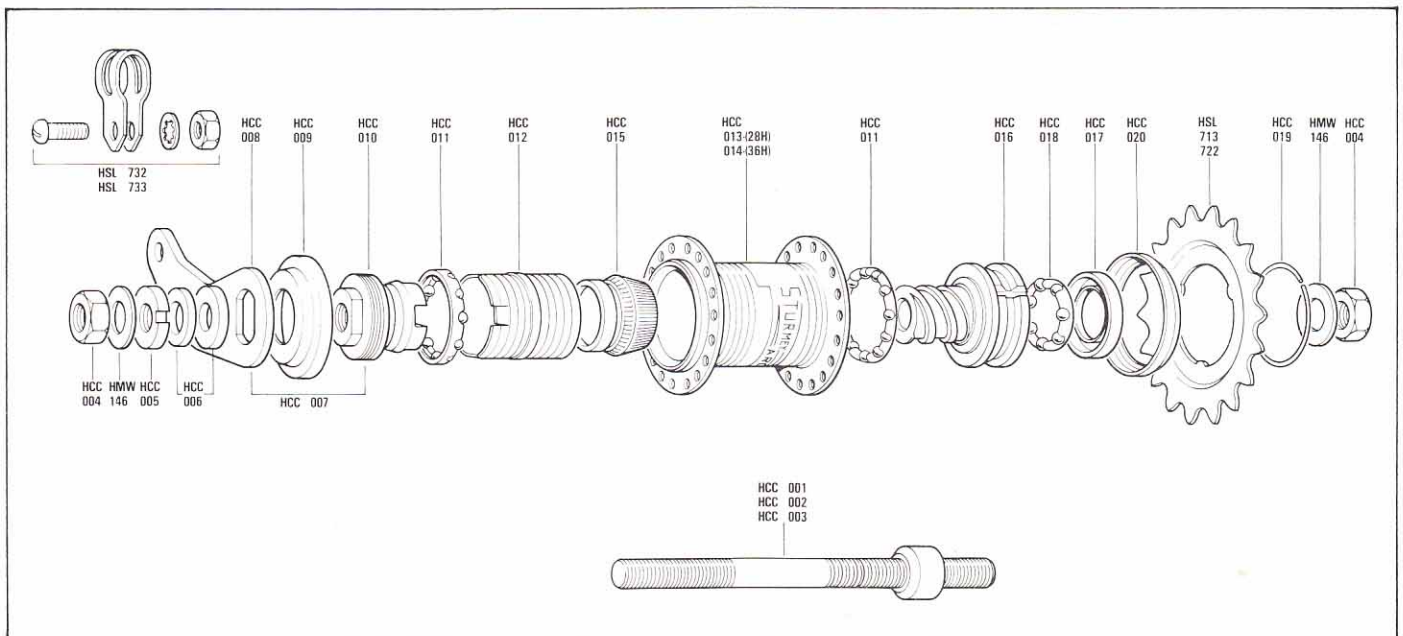
Spoke Holes:

28:36:40



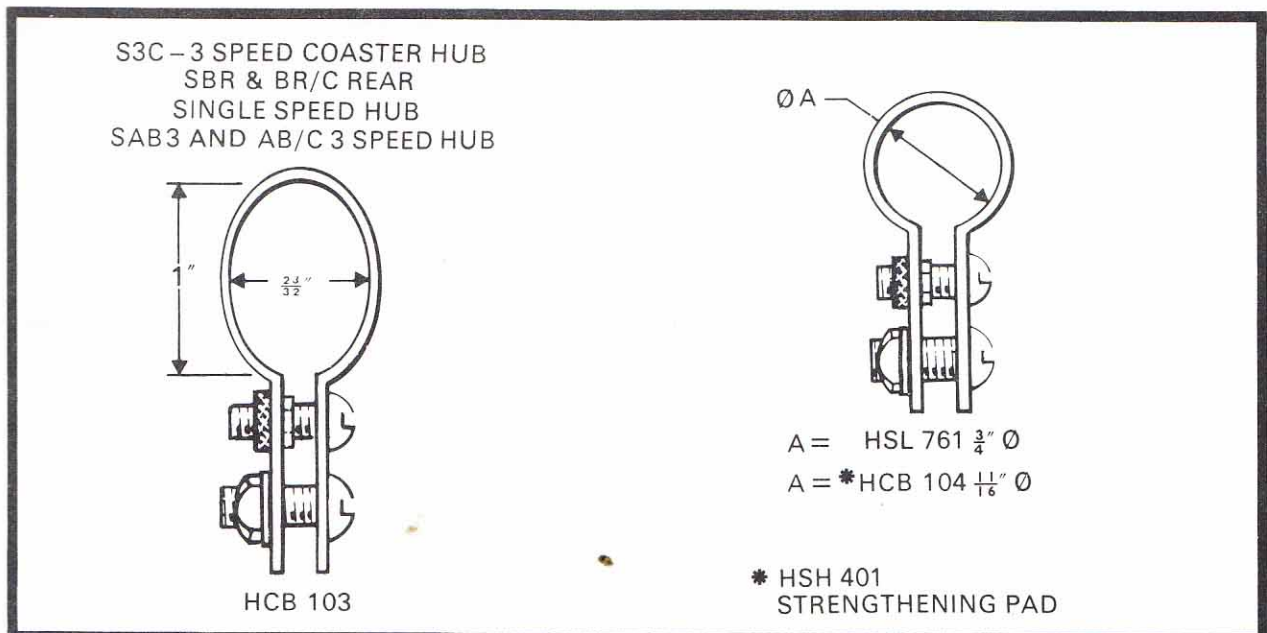
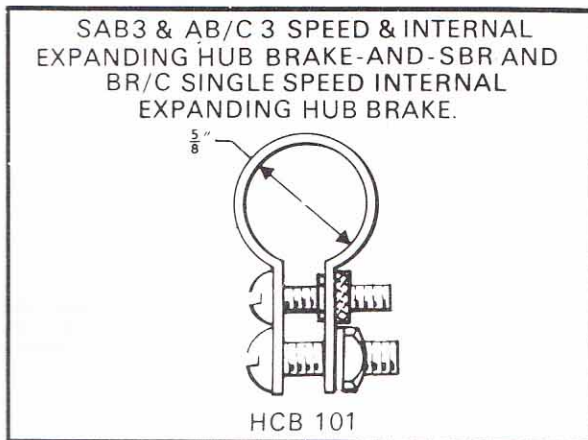
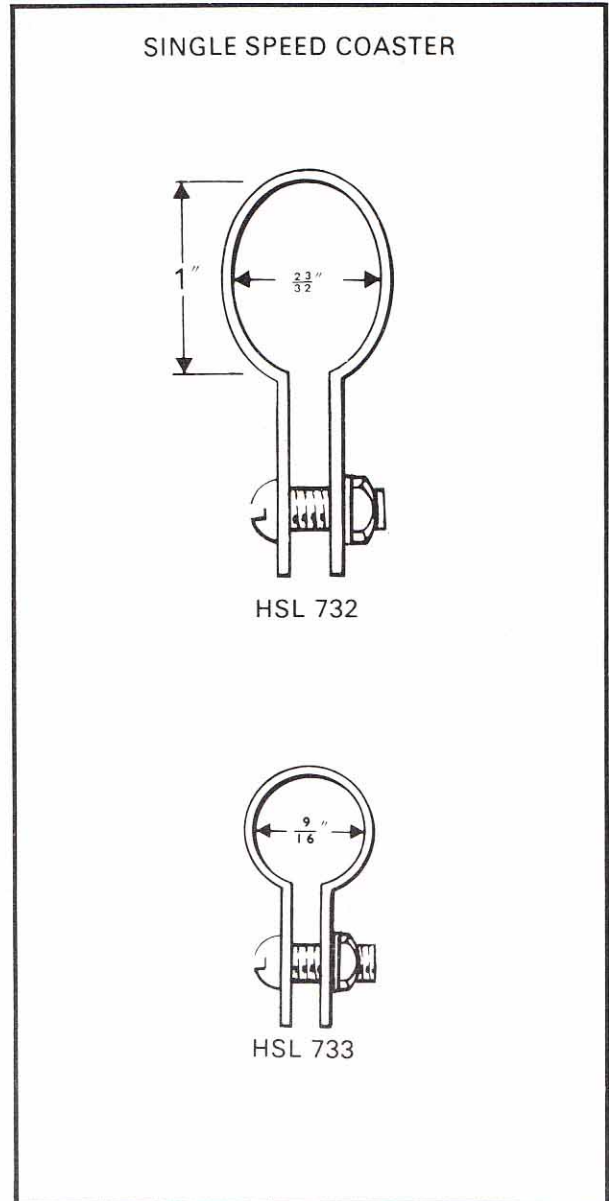
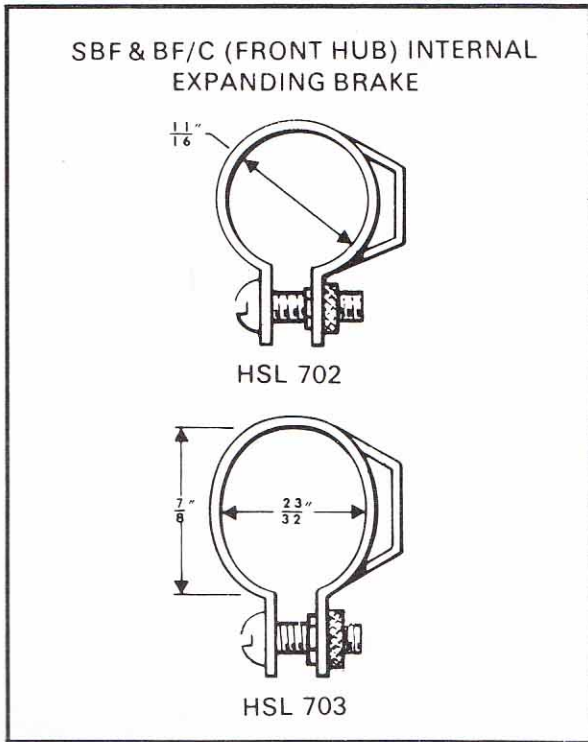
SALES NO.	DESCRIPTION	SALES NO.	DESCRIPTION
HMN 118	Axle nut	HSH 464	Axle 6" (152mm) non-grooved
HMN 257	Brake Arm nut	HSH 465	Shell - 40 holes
HMW 146	Axle Washer	HSH 467	Axle 6 1/2" (165mm) grooved
HMW 366	Spacing Washer	HSH 468	Axle 6 7/8" (175mm) grooved
HSA 264	Inner Ball Cage for Driver	HSH 469	Sprocket Dustcap
HSH 424	Torque Arm	HSL 713	Sprocket - 13 teeth
HSH 451	Driver	HSL 714	Sprocket - 14 teeth
HSH 452	Outer Dust Cover	HSL 715	Sprocket - 15 teeth
HSH 453	Outer Ball Cage	HSL 716	Sprocket - 16 teeth
HSH 454	Brake Actuator	HSL 717	Sprocket - 17 teeth
HSH 455	Actuator Spring	HSL 718	Sprocket - 18 teeth
HSH 456	Brake Band	HSL 719	Sprocket - 19 teeth
HSH 457	Cone L.H.	HSL 720	Sprocket - 20 teeth
HSH 458	Dust Cover for L.H. Cone	HSL 721	Sprocket Circlip
HSH 460	Shell - 28 holes	HSL 722	Sprocket - 22 teeth
HSH 461	Axle 6 1/2" (165mm) non-grooved with R.H. Cone	HSL 732	Torque Arm Clip Assembly 23/32" (18.3mm)
HSH 462	Axle 6 7/8" (175mm) non-grooved with R.H. Cone	HSL 733	Torque Arm Clip Assembly 9/16" (14.3mm)
HSH 463	Shell - 36 holes	HSL 734	Spanner

SCC single speed Coaster Hub brake

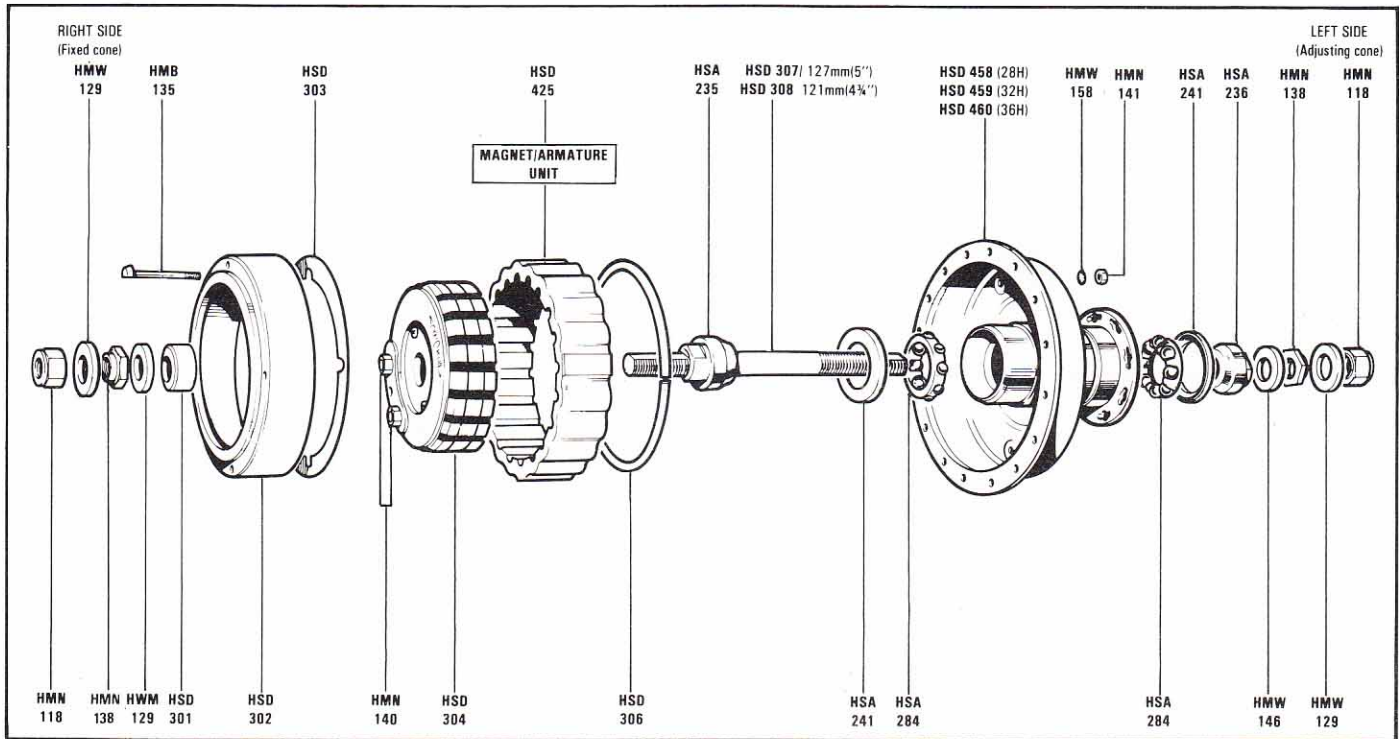


SALES NO.	DESCRIPTION	SALES NO.	DESCRIPTION
HCC 001	Axle and Cone $5\frac{7}{16}'' \times \frac{3}{8}''$ Assembly, 138mm x 9mm	HSL 713	Sprocket - 13 Teeth
HCC 002	Axle and Cone $5\frac{5}{16}'' \times \frac{3}{8}''$ Assembly, 148mm x 9mm	HSL 714	Sprocket - 14 Teeth
HCC 003	Axle and Cone $6\frac{7}{32}'' \times \frac{3}{8}''$ Assembly, 158mm x 9mm	HSL 715	Sprocket - 15 Teeth
HCC 004	Axle Nut	HSL 716	Sprocket - 16 Teeth
HCC 005	Locknut	HSL 717	Sprocket - 17 Teeth
HCC 006	Washer	HSL 718	Sprocket - 18 Teeth
HCC 007	Brake Arm Assembly Comprising of:-	HSL 719	Sprocket - 19 Teeth
HCC 008	Brake Arm)	HSL 720	Sprocket - 20 Teeth
HCC 009	Dust Cover)	HSL 722	Sprocket - 22 Teeth
HCC 010	Cone)	HCC 019	Circlip
HCC 011	Ball Cage for L/H and R/H cones	HCC 020	Dust Cap
HCC 012	Brake Cylinder Assembly	HMW 146	Axle Washer $\frac{1}{16}''$ (1.6mm)
HCC 013	Hub Shell, 28 Holes	HSL 732	Brake Arm Clip $\frac{23}{32}''$ (18.3mm)
HCC 014	Hub Shell, 36 Holes	HSL 733	Brake Arm Clip $\frac{9}{16}''$ (14.3mm)
HCC 015	Driving Cone		
HCC 016	Driver		
HCC 017	Dust Cap		
HCC 018	Ballcage for Driver		

Brake arm clip assemblies

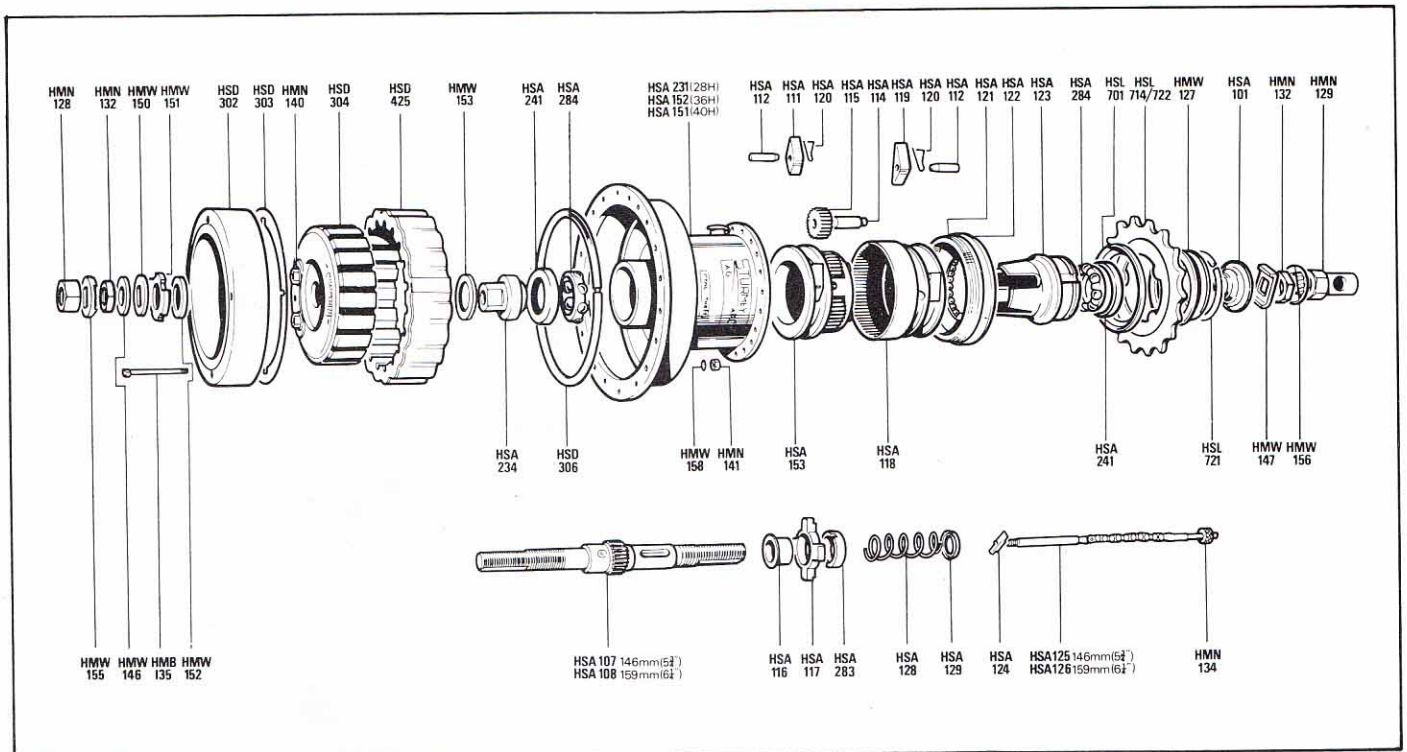


GH6 front 6 volt dynohub lighting unit



SALES No.	DESCRIPTION	SALES No.	DESCRIPTION
HMB 135	Magnet Fixing Screw	HSD 301	Spacing Cup
HMN 118	Axle Nut	HSD 302	Magnet Cover Plate
HMN 138	Cone Locknut	HSD 303	Card Disc
HMN 140	Terminal Nut — 2BA	HSD 304	Armature, complete
HMN 141	Nut — 6BA (for magnet fixing screw)	HSD 306	Magnet Spacing Ring
HMW 129	Spacing Washer — $\frac{1}{8}$ "	HSD 307	Axle 5" Long (127mm)
HMW 146	Spacing Washer — $\frac{1}{16}$ "	HSD 308	Axle 4 $\frac{3}{4}$ " Long (121mm)
HMW 158	Lockwasher (for magnet fixing screw)	HSD 425	Magnet with Armature Unit
HSA 235	R.H. Cone	HSD 458	Hub Shell Assembly — 28 Hole
HSA 236	L.H. Cone	HSD 459	Hub Shell Assembly — 32 Hole
HSA 241	Cone Dust Cap	HSD 460	Hub Shell Assembly — 36 Hole
HSA 284	Ball Cage		

AG rear 6 volt dynohub lighting unit combined with AW 3-speed gear



SALES No.	DESCRIPTION	SALES No.	DESCRIPTION
HMB 135	Magnet Fixing Screw	HSA 123	Driver
HMN 128	L.H. Axle Nut	HSA 124	Axle Key
HMN 129	R.H. Axle Nut	HSA 125	Indicator Coupling (5 $\frac{3}{4}$ " Axle 146mm)
HMN 132	Lock Nut	HSA 126	Indicator Coupling (6 $\frac{1}{4}$ " Axle 159mm)
HMN 134	Connection Lock Nut	HSA 128	Clutch Spring
HMN 140	Nut — for Armature Terminals	HSA 129	Spring Cap
HMN 141	Nut (for Magnet Fixing Screws)	HSA 151	Hub Shell Assembly — 40 Hole
HMW 127	Sprocket Spacing Washer	HSA 152	Hub Shell Assembly — 36 Hole
HMW 146	Spacing Washer ($\frac{1}{8}$ ")	HSA 153	Planet Cage
HMW 147	R.H. Cone Lockwasher	HSA 231	Hub Shell Assembly — 28 Hole
HMW 150	Lock Washer	HSA 234	L.H. Cone
HMW 151	Cone Adjuster	HSA 241	Cone Dust Cap
HMW 152	Spacing Washer	HSA 283	Thrust Ring
HMW 155	Axle Lock Washer	HSA 284	Ball Cage
HMW 158	Lock Washer (for Magnet Fixing Screw)	HSD 302	Magnet Cover Plate
HSA 101	R.H. Cone	HSD 303	Card Disc
HSA 107	Axle — 5 $\frac{3}{4}$ " (146mm) with Sun Pinion	HSD 304	Armature
HSA 108	Axle — 6 $\frac{1}{4}$ " (159mm) with Sun Pinion	HSD 306	Magnet Spacing Ring
HSA 111	Low Gear Pawl	HSD 425	Magnet with Armature Unit
HSA 112	Pawl Pin	HSL 701	Sprocket Dust Cap
HSA 114	Pinion Pin	HSL 714	Sprocket 14T
HSA 115	Planet Pinion	HSL 715	Sprocket 15T
HSA 116	Clutch Sleeve	HSL 716	Sprocket 16T
HSA 117	Clutch	HSL 717	Sprocket 17T
HSA 118	Gear Ring	HSL 718	Sprocket 18T
HSA 119	Gear Ring Pawl	HSL 719	Sprocket 19T
HSA 120	Pawl Spring	HSL 720	Sprocket 20T
HSA 121	R.H. Ball Ring	HSL 721	Sprocket Circlip
HSA 122	Inner Dust Cap — Ball Ring	HSL 722	Sprocket 22T

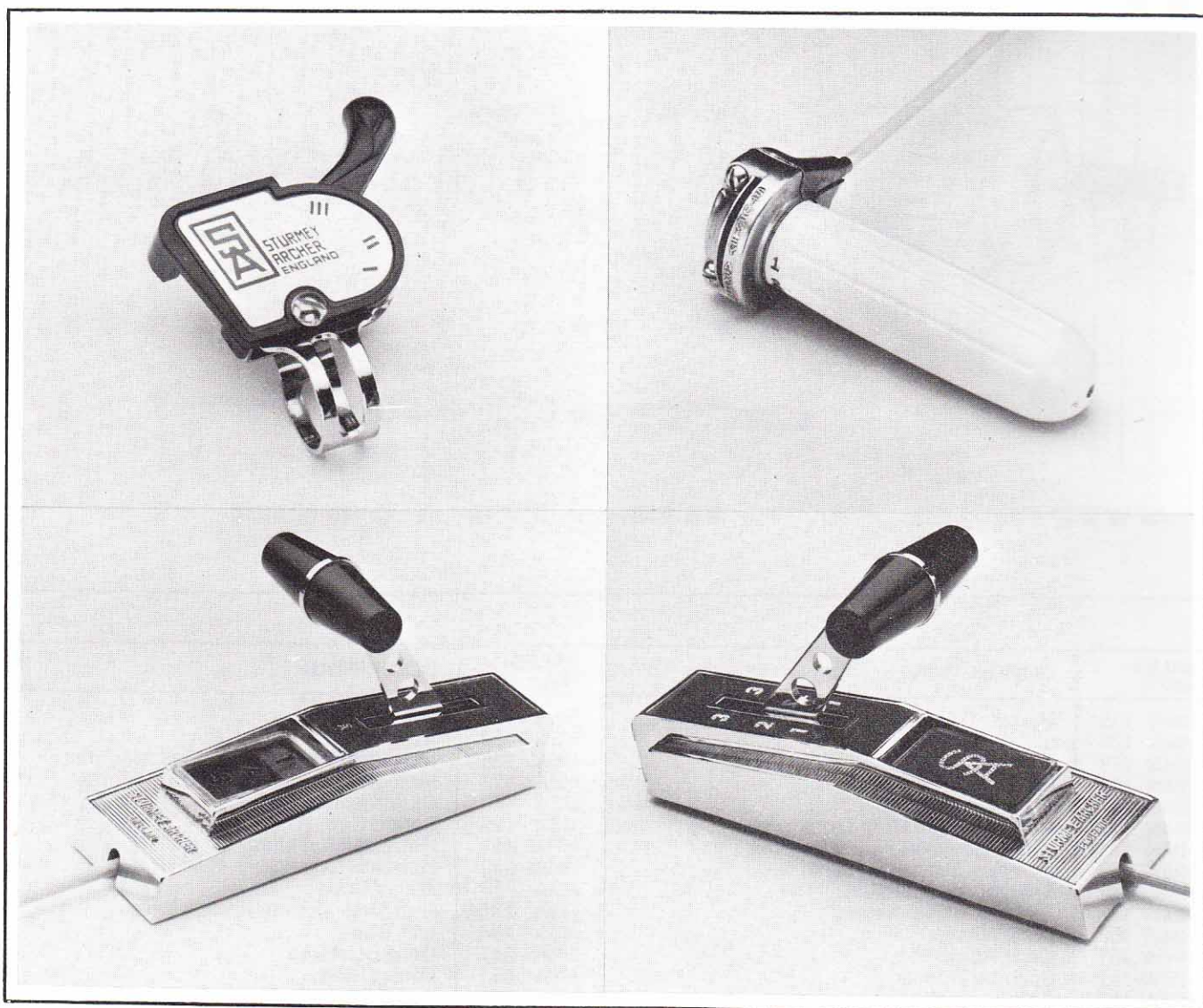
3-speed controls

Trigger control

- HSJ 762** Trigger unit with $\frac{7}{8}$ " (22.2mm) clip.
HSJ 765 Trigger unit with $1\frac{5}{16}$ " (23.8mm) clip.

Auto twist grip

- HSJ 583** Auto twist grip with 60" x 21" (1524 x 533mm) cable and anchorage and matching left hand grip.
HSJ 658 Auto twist grip with 60" x 54" (1524 x 1372mm) cable and anchorage and matching left hand grip. ('Twenty' Model)
HSJ 763 Auto twist grip with 60" x 54" (1524 x 1372mm) cable and anchorage and matching left hand grip.



De-luxe sportshift

MODEL 70E

- HSJ 709** Console Sportshift de luxe with 36" x 30" (914 x 762mm) cable and anchorage (clip for $\frac{7}{8}$ "/1" - 22.2/25.4mm dia. tube).
HSJ 710 As above but with universal clips for twin tube frames.

Standard sportshift

MODEL 70D

- HSJ 707** Console Sportshift with 36" x 30" (914 x 762mm) cable and anchorage (clip for $\frac{7}{8}$ "/1" - 22.2/25.4mm dia. tube).
HSJ 708 As 707 but with universal clips for twin tube frames.

Fittings

Cables

Sales No.

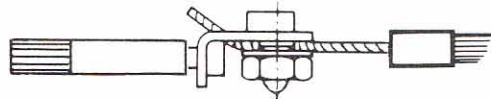
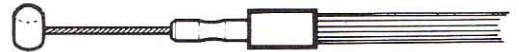
HSJ 101 Trigger Control Cable with Anchorage
60" x 21" (1524 x 533mm)
HSJ 102 Trigger Control Cable with Anchorage
60" x 54" (1524 x 1372mm)



HSJ 105 Twist Grip Cable with Anchorage
60" x 21" (1524 x 533mm)
HSJ 106 Twist Grip Cable with Anchorage
60" x 54" (1524 x 1372mm)

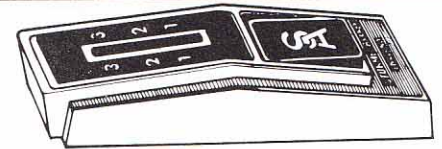
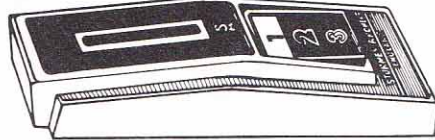


HSJ 115 Sportshift Cable with Anchorage
36" x 30" (914 x 762mm)
Black White or Silver



CABLE ANCHORAGE HSL 759

Sportshift covers

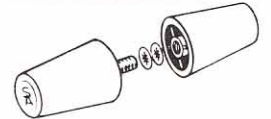


HSJ 716 Console Sportshift Cover - Model 70E

HSJ 717 Console Sportshift Cover - Model 70D

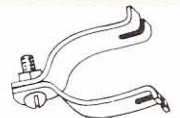
Knob assembly

HSJ 675 Sportshift Knob Assembly - Black
HSJ 569 Sportshift Knob Assembly - Red



Sportshift clips

RMM 239 Sportshift Clip for single tube $\frac{7}{8}$ " (22.2/25.4mm)



HSJ 737 Sportshift Universal Clip for twin tube frame $2\frac{1}{4}$ " (57.2mm)

HSJ 738 Sportshift Universal Clip for twin tube frame $1\frac{7}{8}$ " (47.6mm)

HSJ 739 Sportshift Universal Clip for twin tube frame $1\frac{1}{2}$ " (38.1mm)

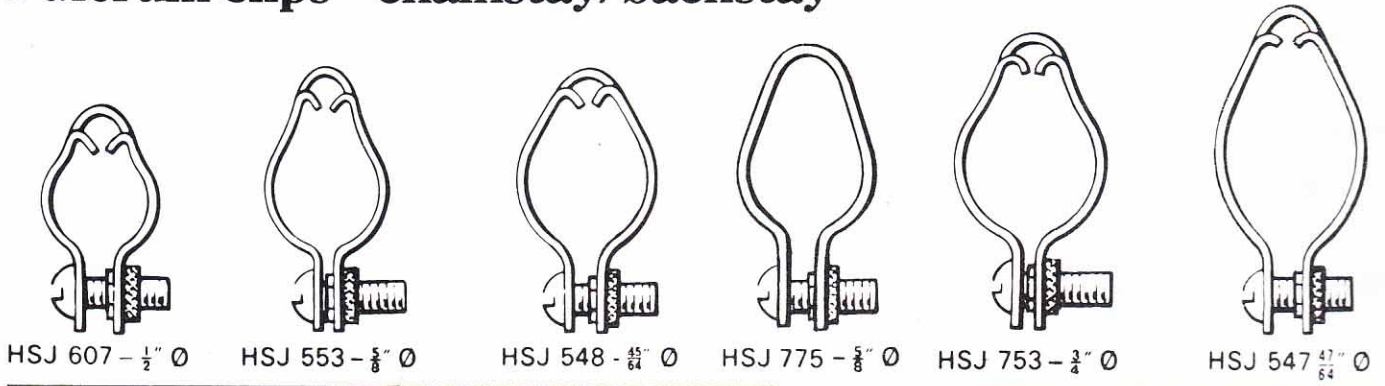


Gear indicators - (Actual Size)

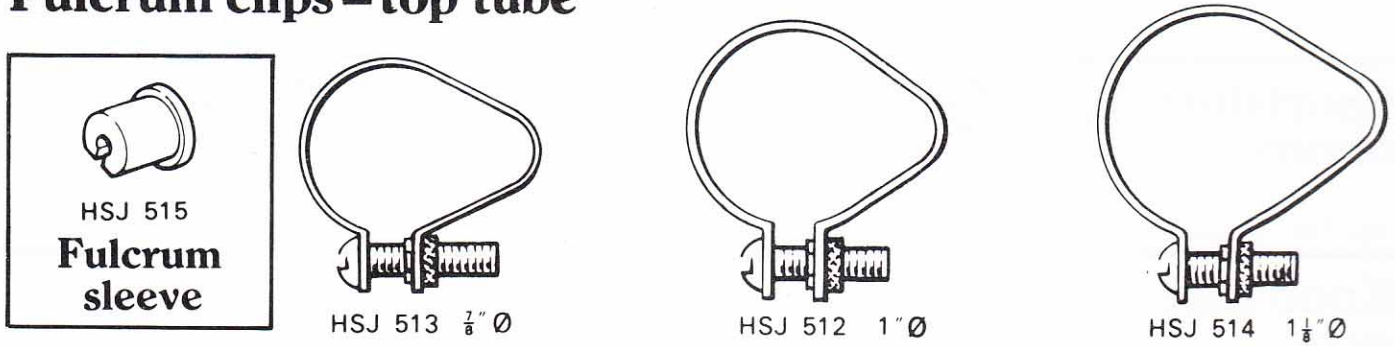
HUB TYPES	AXLE LENGTH	MARKING	SALES NO.
AW:SAB3:AB:AG	$5\frac{3}{4}$ " (146mm)		HSA 125
	$6\frac{1}{4}$ " (159mm)		HSA 126
S3C	6" (152mm)		HSA 126
	$6\frac{1}{4}$ " (159mm)		HSA 315
S5	$5\frac{13}{16}$ " (148mm)		(Right side) HSA 125
			(Left side) HSA 126
	$6\frac{1}{16}$ " (154mm)		(Right side) HSA 126
			(Left side) HSA 126
	$6\frac{5}{16}$ " (160mm)		(Right side) HSA 126
			(Left side) HSA 316

Fittings continued

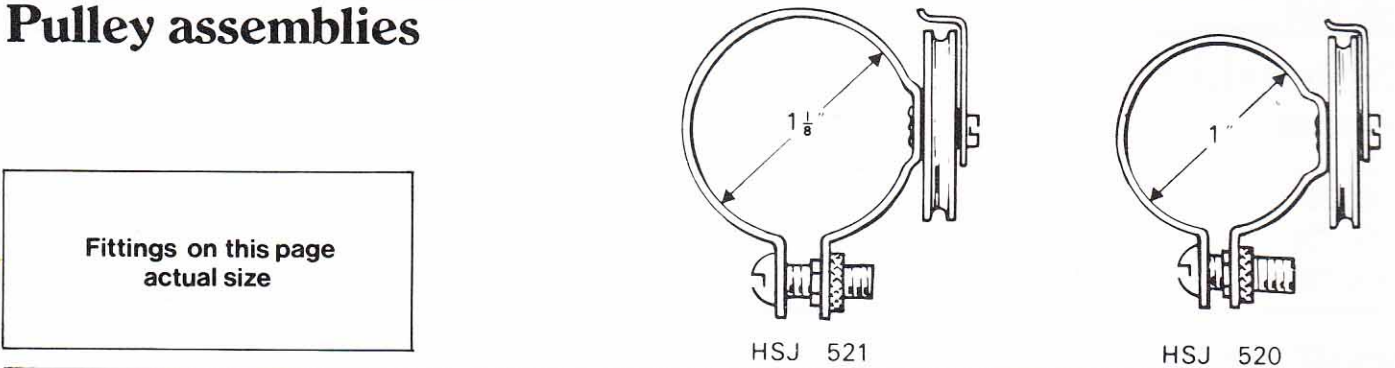
Fulcrum clips – chainstay/backstay



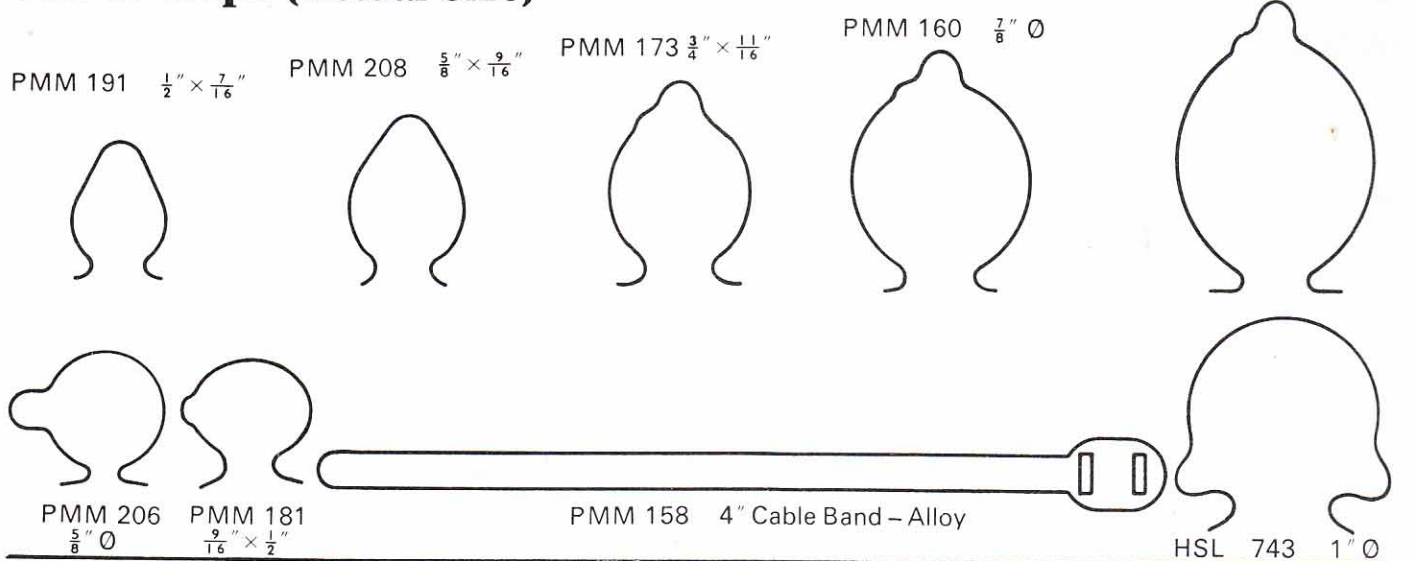
Fulcrum clips – top tube



Pulley assemblies



Cable Clips (Actual Size)



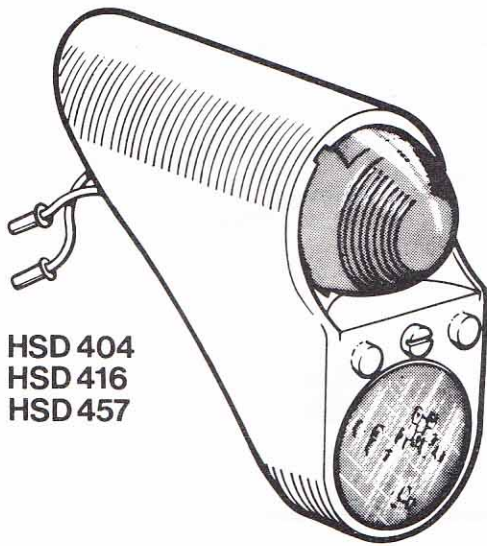
Dynohub accessories



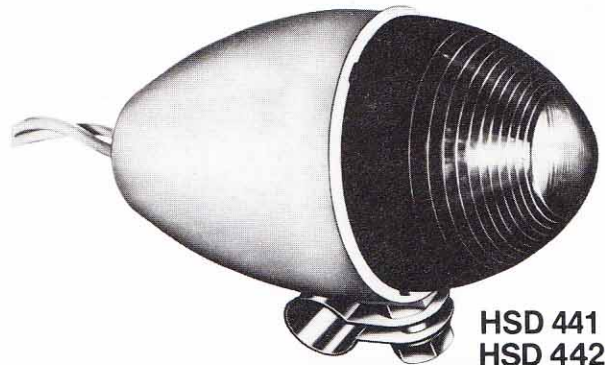
HSD 472



HSD 328



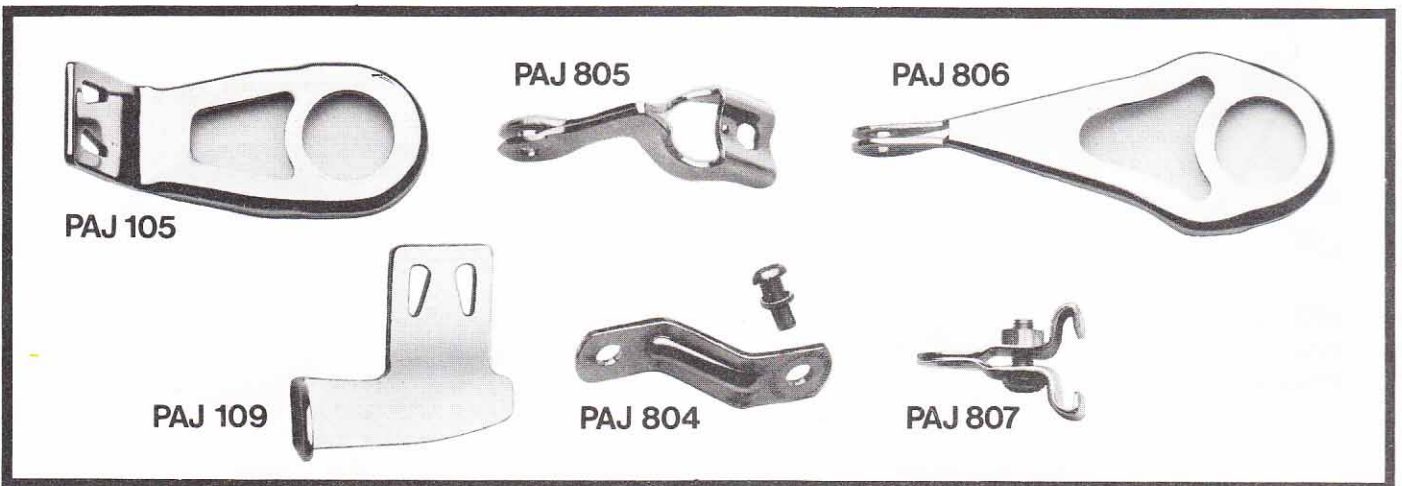
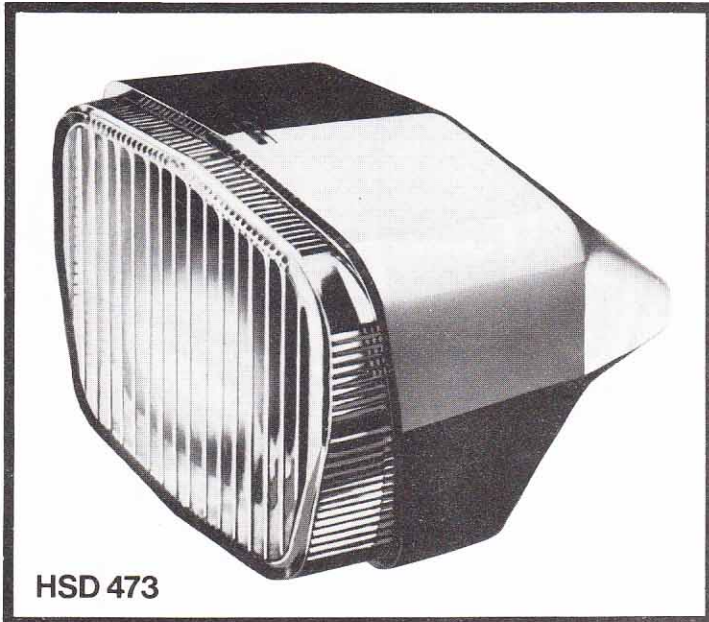
HSD 404
HSD 416
HSD 457



HSD 441
HSD 442
HSD 470
HSD 471

Sales No.	Description	Sales No.	Description
HSD.472	Large plastic headlamp with switch and flex 58" (6V 0.2A) for Dynohub	HSD.404	Combined rear lamp and reflector for 16" wheel models
HSD 328	Steel headlamp with switch (6V 0.2A) and clamp bracket assembly	HSD.416	Combined rear lamp and reflector for 20" wheel models
HSD.441	Plastic rear lamp (1/2" round clip) with twin flex wires 57" (1448 mm) 6V 0.1A	HSD.457	Combined rear lamp and reflector for roadster models
HSD.442	Plastic rear lamp (5/8" oval clip) with twin flex wires 57" (1448 mm) 6V 0.1A	HSD.437	Rear lamp lens for HSD.441, 442, 470, 471
HSD.470	Chromed plastic rear lamp (1/2" round clip), with twin flex wires 57" (1448 mm) 6V 0.1A	HSD.332	Headlamp bulb 6V 0.2A MES — for HSD.472 & HSD.328
HSD.471	Chromed plastic rear lamp (5/8" oval clip) with twin flex wires 57" (1448 mm) 6V 0.1A	HSD 399	Headlamp bulb 6V 0.25A MES — for small wheel models
		HSD.410	Rear lamp bulb 6V 0.1A — Capless
		HSD.439	Headlamp Bulb 6V 0.2A — Capless
		HSD.400	Headlamp Bulb 6V 0.25A — Capless
			for old pattern headlamp HSD.443

Lighting equipment & accessories



Sales No.	Description
HSD.473	Large Plastic Headlamp (No Switch) with 57" (1448 mm) Single Wire 6V. 0.4A. (87 x 63 mm lens)
HSD.475	Small Plastic Headlamp (No Switch) with 57" (1448 mm) Single Wire 6V. 0.4A. (62 x 48 mm lens)
HSD.476	Headlamp Bulb 6V. 0.4A. MES
PAJ.105	Head Fitting Lamp Bracket (Suitable for Adaptor)
PAJ.109	Fork Blade Fitting Lamp Bracket (Suitable for Adaptor, C/W Bolt and Washer).
PAJ.805	Fork Crown Fitting Lamp Bracket.
PAJ.804	Fork Blade Fitting Lamp Bracket C/W Bolt and Washer.
PAJ.806	Head Fitting Lamp Bracket — extended.
PAJ.807	Standard Clamp Bracket Assembly.
PMP.201	Bolt and Washer for PAJ.109

Bicycle Components

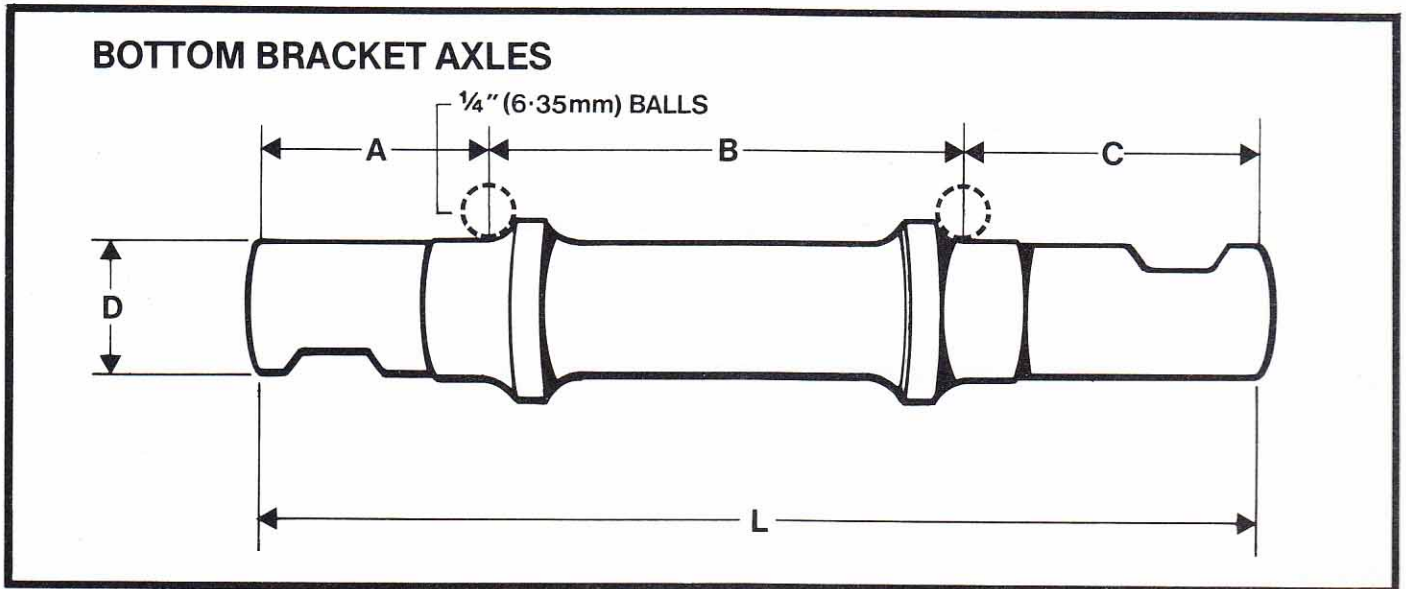
STURMEY-ARCHER
are renowned for precision engineering and
offer an extensive range of quality components
and accessories.

Quality bicycles rely upon quality
components —

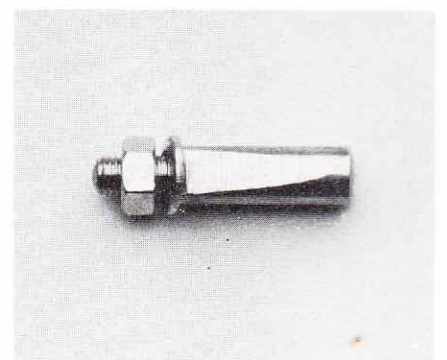
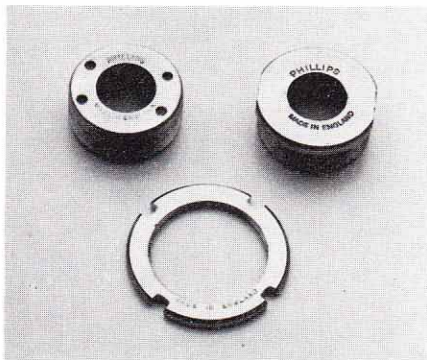
STURMEY-ARCHER
— of course!



Bottom bracket fittings



Sales No.	A	B	C	D	L	Chain Line	Identity Mark
PBA 101	1 1/4 (32mm)	2 3/4 (70mm)	1 9/16 (40mm)	0.620 (15.74 mm)	5 9/16 (141mm)	1 5/8 (41mm) Gearcase clearance	21GC.X
PBA 102	1 1 3/32 (36mm)	2 1/2 (64mm)	1 23/32 (44mm)	0.620 (15.74 mm)	5 5/8 (143mm)	1 1 1/16 (43mm) Gearcase clearance	22.X
PBA 103	1 1/8 (29mm)	2 1/2 (64mm)	1 13/32 (36mm)	0.620 (15.74 mm)	5 1/2 (128mm)	1 1 9/32 (40.5mm) Double chainwheel	23.X
PBA 105	1 3/32 (28mm)	2 1/2 (64 mm)	1 1 1/16 (43mm)	0.620 (15.74 mm)	5 9/32 (134mm)	1 5/8 (41mm) Gearcase clearance	16GC.X



BOTTOM BRACKET CUPS

Sales No.	Description	Sales No.
24.TPI PBD.512	Adjustable Cup - Left Side (Right Hand Thread). Fixed Cup - Right Side (Left Hand Thread). Lockring	26.TPI PBD.102
PBH.512		PBH.102
PBJ.611		PBJ.101

COTTER PIN

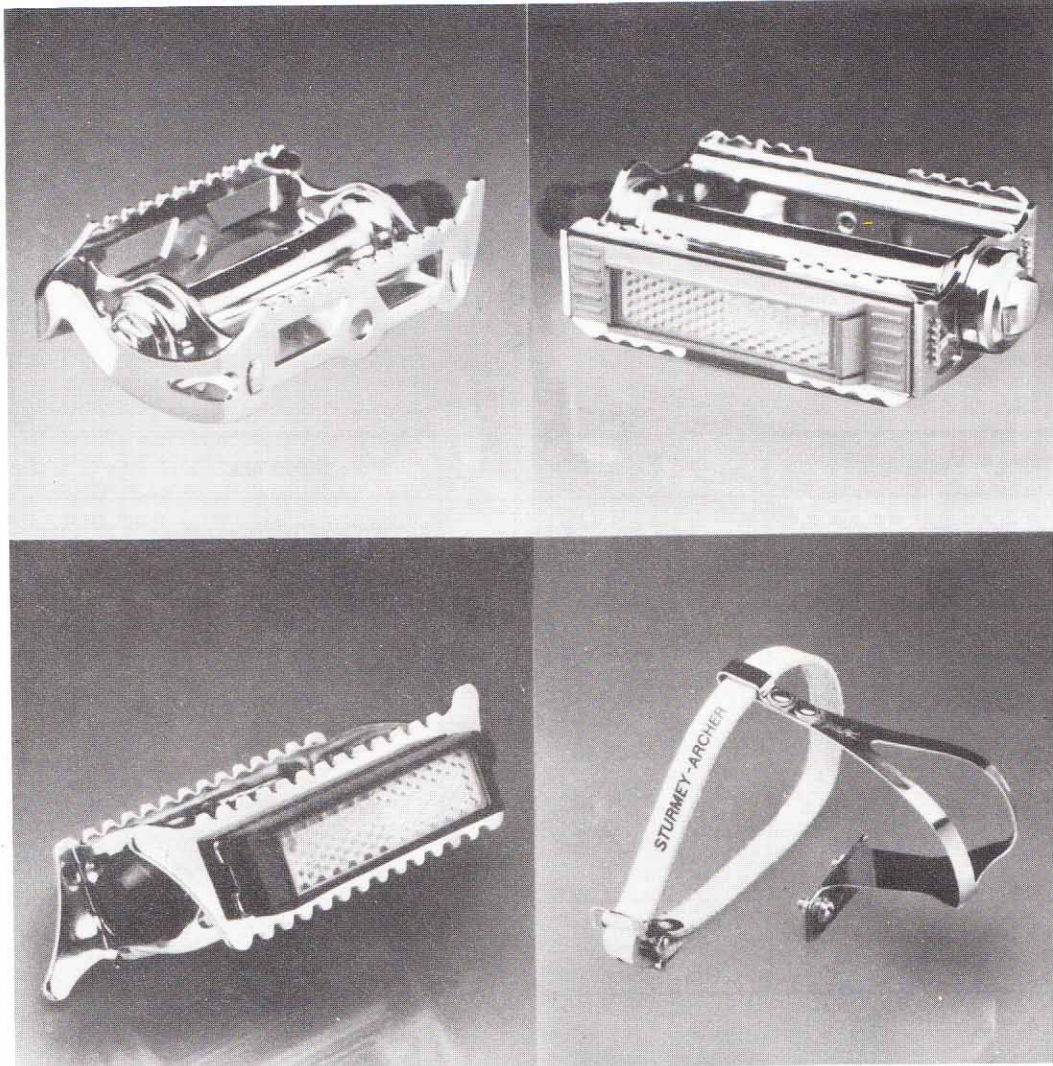
Sales No.	Description
PBL.101	Cotter Pin Nut and Washer

Steel pedals, toe clips and straps

PEA 537 'Quill' sports pedal - for alloy crank.
PEA 538 'Quill' sports pedal - for steel crank.
PEA 539 'Quill' sports pedal with reflectors -
for alloy crank.
PEA 540 'Quill' sports pedal with reflectors -
for steel crank.

PEA 541 'Continental' sports pedal with reflectors -
for alloy crank.
PEA 542 'Continental' sports pedal with reflectors -
for steel crank.

(patented design)

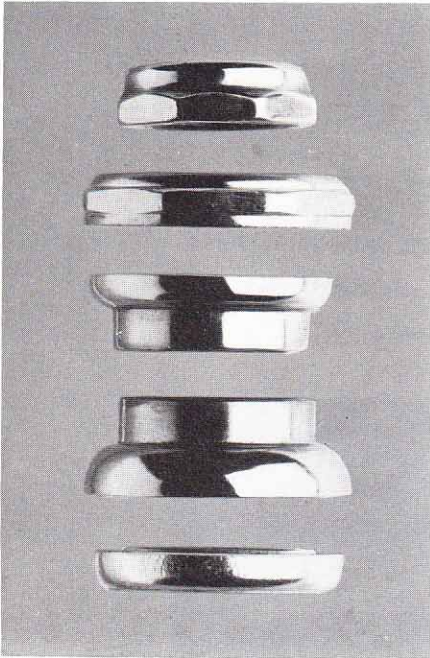


PEA 655 Lightweight tourist pedal.
PEA 176 Lightweight tourist pedal
with reflectors.

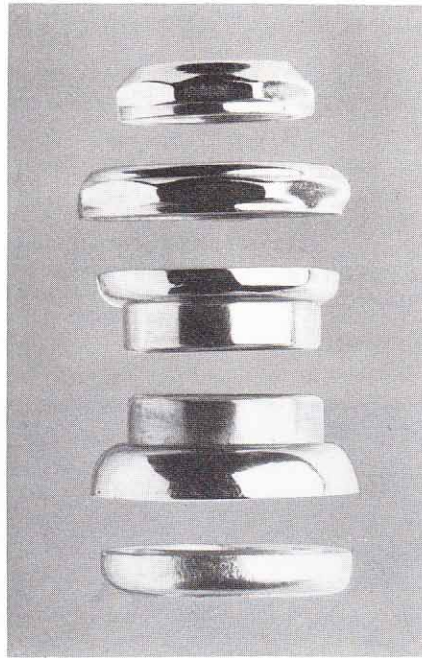
PMM 851 Super lightweight toe-clip.
PMM 850 De-luxe toe-clip with protector.
BYJ 743 Chrome leather toe-strap with
'Quick release' buckle.

All components are designed to exceed recognised safety standards

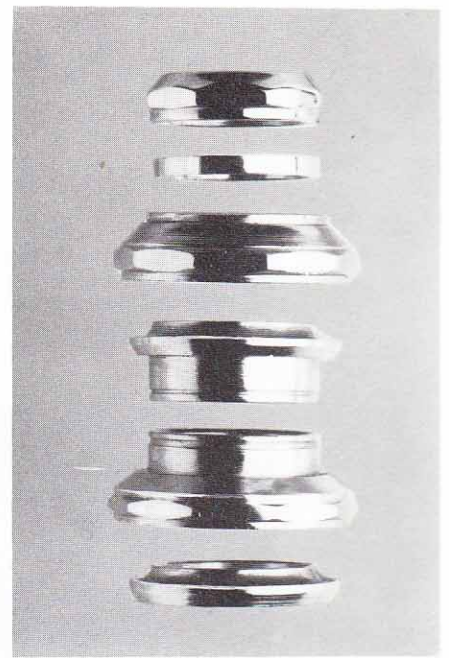
Head race sets



26 TPI



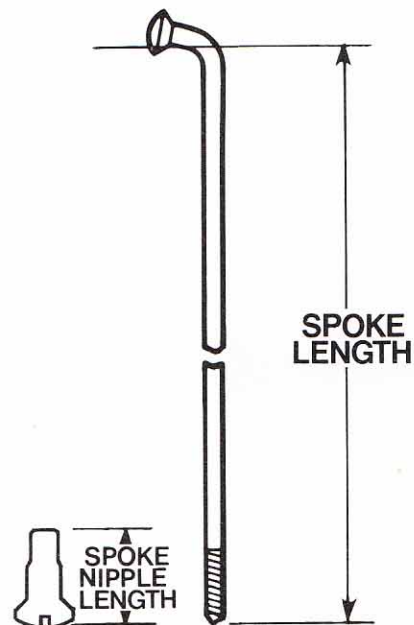
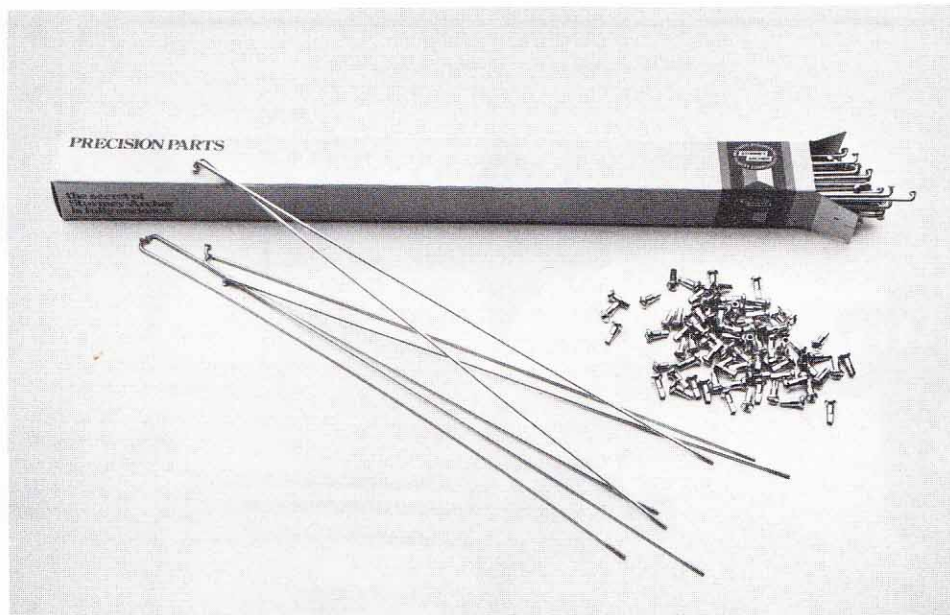
24 TPI STANDARD



24 TPI ALATET

Description	Sales No.	Sales No.	Sales No.
Complete Set	PAT 101 (26 TPI)	PAT 803 24 TPI (Standard)	PAT 701 (24 TPI Alatet)
Top Head Locknut	PAK 101	PAK 804	PAK 701
Top Head Screwed Race	PAL 101	PAL 602	PAL 701
Top Head Cup	PAM 101	PAM 101	PAM 702
Bottom Head Cup	PAN 101	PAN 101	PAN 702
Crown Race	PAP 101	PAP 101	PAP 701
Distance Washer	—	—	PMW403

Spokes & nipples



14 SWG with chromium plated nipples

STOCK RANGE

Minimum order quantity 5 x 100 per size.

Other sizes to order minimum 300 x 100 per size.

SALES No. SEQUENCE

Sales No.	Size	Sales No.	Size	Sales No.	Size	Sales No.	Size
PGF101	6"	PGF137	11 ⁵ / ₃₂ "	PGF184	10 ¹³ / ₁₆ "	PGF202	8 ¹ / ₈ "
PGF104	7"	PGF138	11 ³ / ₁₆ "	PGF185	10 ⁷ / ₈ "	PGF205	9 ⁵ / ₈ "
PGF105	7 ¹ / ₄ "	PGF140	11 ¹³ / ₁₆ "	PGF186	11"	PGF212	11 ⁵ / ₁₆ "
PGF106	7 ¹ / ₂ "	PGF141	11 ²⁹ / ₃₂ "	PGF187	11 ¹ / ₄ "	PGF213	11 ¹ / ₂ "
PGF110	8 ⁹ / ₁₆ "	PGF142	10 ¹ / ₁₆ "	PGF188	11 ³ / ₈ "	PGF214	11 ⁵ / ₈ "
PGF115	10 ¹ / ₈ "	PGF145	10 ³ / ₈ "	PGF189	11 ¹⁵ / ₁₆ "	PGF219	6 ⁹ / ₁₆ "
PGF116	10 ¹ / ₄ "	PGF146	10 ¹ / ₂ "	PGF190	12"	PGF232	8 ⁵ / ₁₆ "
PGF118	10 ⁵ / ₈ "	PGF151	7 ¹ / ₁₆ "	PGF191	12 ¹ / ₈ " LB	PGF244	12 ¹ / ₈ "
PGF126	11 ⁷ / ₈ " LB	PGF155	5 ⁵ / ₈ "	PGF192	7 ³ / ₄ "	PGF255	7 ⁹ / ₃₂ "
PGF127	11 ³¹ / ₃₂ "	PGF162	7 ⁹ / ₁₆ "	PGF193	8 ⁵ / ₈ "	PGF257	10"
PGF134	12 ¹ / ₁₆ "	PGF178	12 ³ / ₁₆ "	PGF194	5 ⁹ / ₁₆ "	PGF284	10 ⁹ / ₁₆ "
PGF135	11 ¹ / ₁₆ "	PGF182	6 ⁵ / ₈ "	PGF195	11 ³ / ₄ " LB	PGF287	11 ⁷ / ₈ "
PGF136	11 ¹ / ₈ "	PGF183	8 ¹ / ₂ "	PGF200	7 ⁵ / ₈ "	PGF302	3 ¹ / ₄ "

SIZE SEQUENCE

Size	Sales No.	Size	Sales No.	Size	Sales No.	Size	Sales No.
3 ¹ / ₄ "	PGF302	7 ³ / ₄ "	PGF192	10 ⁹ / ₁₆ "	PGF284	11 ⁵ / ₈ "	PGF214
5 ⁹ / ₁₆ "	PGF194	8 ¹ / ₈ "	PGF202	10 ⁵ / ₈ "	PGF118	11 ³ / ₄ " LB	PGF195
5 ⁵ / ₈ "	PGF155	8 ⁵ / ₁₆ "	PGF232	10 ¹³ / ₁₆ "	PGF184	11 ¹³ / ₁₆ "	PGF140
6"	PGF101	8 ¹ / ₂ "	PGF183	10 ⁷ / ₈ "	PGF185	11 ⁷ / ₈ " LB	PGF126
6 ⁹ / ₁₆ "	PGF219	8 ⁹ / ₁₆ "	PGF110	11"	PGF186	11 ⁷ / ₈ "	PGF287
6 ⁵ / ₈ "	PGF182	8 ⁵ / ₈ "	PGF193	11 ¹ / ₁₆ "	PGF135	11 ²⁹ / ₃₂ "	PGF141
7"	PGF104	8 ⁵ / ₈ "	PGF193	11 ¹ / ₁₆ "	PGF136	11 ¹⁵ / ₁₆ "	PGF189
7 ¹ / ₁₆ "	PGF151	9 ⁵ / ₈ "	PGF205	11 ¹ / ₈ "	PGF137	11 ⁵ / ₃₂ "	PGF127
7 ¹ / ₄ "	PGF105	10"	PGF257	11 ⁵ / ₃₂ "	PGF137	11 ³¹ / ₃₂ "	PGF190
7 ⁹ / ₁₆ "	PGF105	10 ¹ / ₁₆ "	PGF142	11 ³ / ₁₆ "	PGF138	12"	PGF190
7 ³² / ₃₂ "	PGF255	10 ¹ / ₈ "	PGF115	11 ¹ / ₄ "	PGF187	12 ¹ / ₁₆ "	PGF134
7 ¹ / ₂ "	PGF106	10 ¹ / ₄ "	PGF116	11 ⁵ / ₁₆ "	PGF212	12 ¹ / ₈ "	PGF244
7 ⁹ / ₁₆ "	PGF162	10 ³ / ₈ "	PGF145	11 ³ / ₈ "	PGF188	12 ¹ / ₈ " LB	PGF191
7 ⁵ / ₈ "	PGF200	10 ¹ / ₂ "	PGF146	11 ¹ / ₂ "	PGF213	12 ³ / ₁₆ "	PGF178

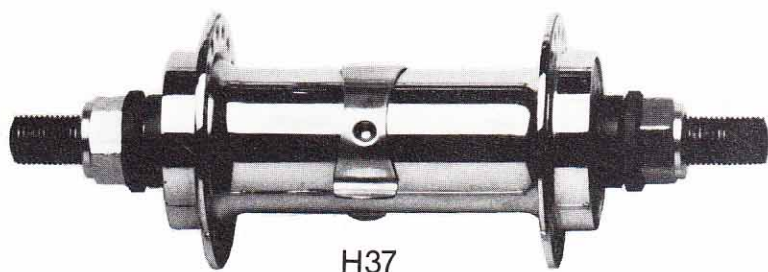
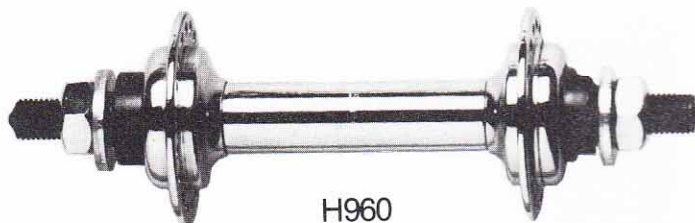
NIPPLES 14 S.W.G-chromium plated

Sales No.	Description
PGB.104	Steel 1 ⁵ / ₃₂ "
PGB.802	Steel Long Shank 9 ¹ / ₁₆ "
PGB.803	Brass 1 ⁵ / ₃₂ "

LB = Long Bend

NOTE: Spokes only can be supplied 1 x 500 pack for Wheelbuilding — sales number PGA not PGF e.g. 12³/₁₆" Spokes only = PGA178.

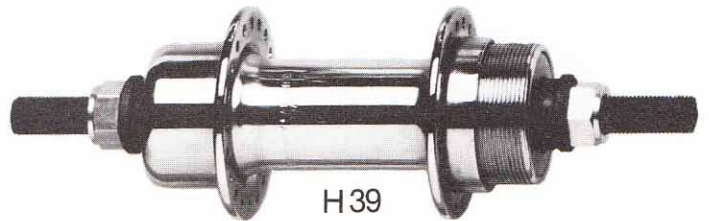
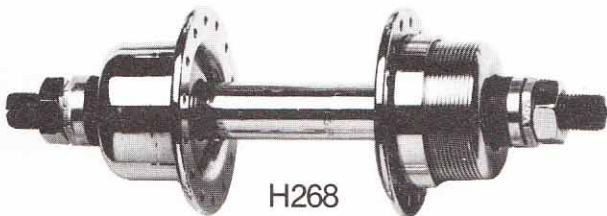
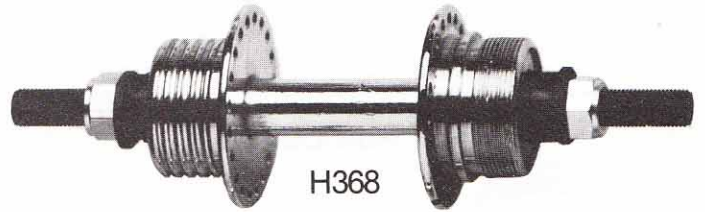
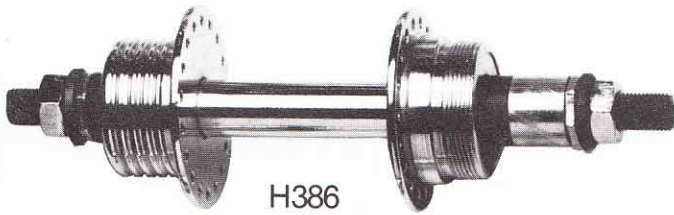
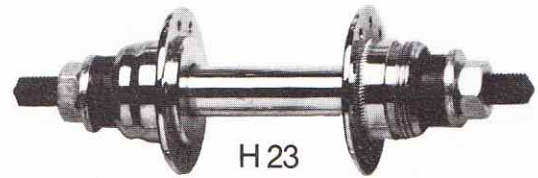
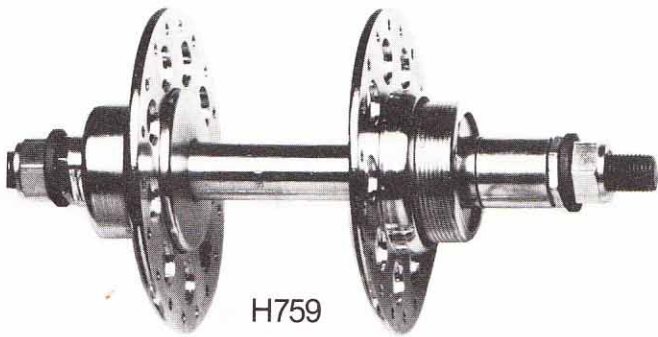
Front hubs



Sales No.	Model	Spoke Holes	Axle Length	Axle Unit Sales No.	†Cone Type	Width over Cones	Over Locknut Dimension
PHA.509*(PM)	H37	32	4 ¹⁵ / ₁₆ " × 3 ³ / ₈ " (125.4 × 9.5 mm)	PHB.524	N-S	3 ¹ / ₂ " (88.9 mm)	—
PHA.811	H37	36	4 ¹⁵ / ₁₆ " × 3 ³ / ₈ " (125.4 × 9.5 mm)	PHB.134	S	3 ¹ / ₂ " (88.9 mm)	—
PHA.144	H37	36	5 ¹ / ₂ " × 3 ³ / ₈ " (139.7 × 9.5 mm)	PHB.134	S	3 ¹ / ₂ " (88.9 mm)	—
PHA.524*(PM)	H236	32	4 ¹⁵ / ₁₆ " × 5 ⁵ / ₁₆ " (125.4 × 7.9 mm)	PHB.834	N-S	3 ¹ / ₂ " (88.9 mm)	—
PHA.608	H267	20	4 ¹ / ₂ " × 5 ⁵ / ₁₆ " (114.3 × 7.9 mm)	PHB.132	N-S	3 ¹ / ₂ " (88.9 mm)	—
PHA.154	H267	28	4 ⁵ / ₈ " × 5 ⁵ / ₁₆ " (117.5 × 7.9 mm)	PHB.140	N-S	3 ¹ / ₂ " (88.9 mm)	—
PHA.139	H267	28	4 ¹⁵ / ₁₆ " × 5 ⁵ / ₁₆ " (125.4 × 7.9 mm)	PHB.130	N-S	3 ¹ / ₂ " (88.9 mm)	—
PHA.166	H267	36	4 ¹⁵ / ₁₆ " × 5 ⁵ / ₁₆ " (125.4 × 7.9 mm)	PHB.130	N-S	3 ¹ / ₂ " (88.9 mm)	—
PHA.805*(PM)	H267	28	5 ¹ / ₂ " × 5 ⁵ / ₁₆ " (139.7 × 7.9 mm)	PHB.141	N-S	—	3 ²⁷ / ₃₂ " (97.6 mm)
PHA.808	H267	36	5 ¹ / ₂ " × 5 ⁵ / ₁₆ " (139.7 × 7.9 mm)	PHB.141	N-S	—	3 ²⁷ / ₃₂ " (97.6 mm)
PHA.176	H557	36	4 ¹⁵ / ₁₆ " × 5 ⁵ / ₁₆ " (125.4 × 7.9 mm)	PHB.133	C-W	—	3 ²⁷ / ₃₂ " (97.6 mm)
PHA.173	H960	36	4 ¹⁵ / ₁₆ " × 5 ⁵ / ₁₆ " (125.4 × 7.9 mm)	PHB.130	N-S	—	3 ²⁷ / ₃₂ " (97.6 mm)

†Cone type = S = Spigotted N-S = Non-spigotted C-W = Cone and washer *(PM) = Phillips mark

Rear hubs

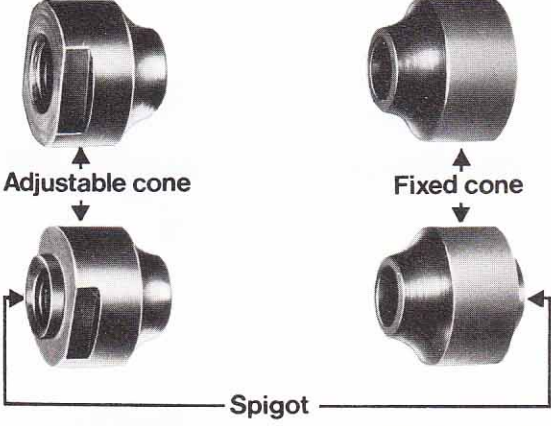


Sales No.	Model	Spoke Holes	Axle Length	Axle Unit Sales No.	†Cone Type	Width over Cones	Over Locknut Dimension	Nominal Chainline
PHJ.601	H23	20	4 ¹⁵ / ₁₆ " × 5 ¹ / ₁₆ " (125.4 × 7.9 mm)	PHK.122	N-S	3 ¹ / ₂ " (88.9 mm)	—	1 ⁷ / ₁₆ " (36.5 mm)
PHJ.167	H23	20	6" × 5 ¹ / ₁₆ " (152.4 × 7.9 mm)	PHK.124	N-S	3 ²⁷ / ₃₂ " (97.6 mm)	—	1 ⁵ / ₈ " (41.3 mm)
PHJ.504 *(PM)	H39	36	6 ¹ / ₂ " × 3 ³ / ₈ " (165.1 × 9.5 mm)	PHK.116	S	4" (101.6 mm)	—	1 ⁵ / ₈ " (41.3 mm)
PHJ.503 *(PM)	H39	40	6 ¹ / ₂ " × 3 ³ / ₈ " (165.1 × 9.5 mm)	PHK.116	S	4" (101.6 mm)	—	1 ⁵ / ₈ " (41.3 mm)
PHJ.808	H268	28	5 ¹¹ / ₁₆ " × 3 ³ / ₈ " (144.5 × 9.5 mm)	PHK.119	N-S	—	4 ¹ / ₂ " (114.3 mm)	1 ¹ / ₂ " (38.1 mm)
PHJ.141	H268	36	5 ¹¹ / ₁₆ " × 3 ³ / ₈ " (144.5 × 9.5 mm)	PHK.119	N-S	—	4 ¹⁹ / ₃₂ " (116.7 mm)	1 ¹ / ₂ " (38.1 mm)
PHJ.145	H268	28	6 ¹ / ₂ " × 3 ³ / ₈ " (165.1 × 9.5 mm)	PHK.118	N-S	4" (101.6 mm)	—	1 ¹ / ₂ " (38.1 mm)
PHJ.809	H268	36	6 ¹ / ₂ " × 3 ³ / ₈ " (165.1 × 9.5 mm)	PHK.118	N-S	—	4 ¹⁹ / ₃₂ " (116.7 mm)	1 ¹ / ₂ " (38.1 mm)
PHJ.120	H368	36	6 ¹ / ₂ " × 3 ³ / ₈ " (165.1 × 9.5 mm)	PHK.118	N-S	4" (101.6 mm)	—	1 ¹ / ₂ " (38.1 mm)
PHJ.134	H386	36	6 ⁷ / ₁₆ " × 3 ³ / ₈ " (163.5 × 9.5 mm)	PHK.121	N-S	—	4 ¹³ / ₁₆ " (122.2 mm)	1 ⁷ / ₁₆ " (36.5 mm)
PHJ.140	H759	36	6 ¹ / ₄ " × 3 ³ / ₈ " (158.8 × 9.5 mm)	PHK.133	C-W	—	4 ¹³ / ₁₆ " (122.2 mm)	1 ¹ / ₂ " (38.1 mm)

†Cone type = S = Spigotted *(PM) = Phillips mark
 N-S = Non-spigotted
 C-W = Cone and washer

Hub fittings

for hub gear models & for derailleur models



Adjustable cone

Fixed cone

Spigot


CONES

$\frac{5}{16}$ " Axle

Fixed Cone Sales No.	Adjustable Cone Sales No.	Hub Model
PHR.101 PHR.128 PHR.102	PHR.114 Non-Spigotted Cone and Washer PHR.113 Spigotted	H236, H267, H960, H23 H557 H960, H267

$\frac{3}{8}$ " Axle

Fixed Cone Sales No.	Adjustable Cone Sales No.	Hub Model
PHR.801 PHR.107 PHR.104 PHR.810	PHR.123 Spigotted PHR.117 Non-Spigotted Cone and Washer PHR.115 Spigotted	H39 H268, H368, H386, H37 H37 H759



HUB CUPS

Sales No.	Hub Model
PHN.502	H39
PHN.504	H37
PHN.505	H39 (Heavy duty)

CONE LOCKNUTS		AXLE NUTS		AXLE WASHERS		AXLE SPACERS	
Sales No.	Axle	Sales No.	Axle	Sales No.	Axle	Sales No.	Axle
PMN112	$\frac{5}{16}$ " (7.9 mm)	PMN116	$\frac{5}{16}$ " (7.9 mm) Domed	PMW124	$\frac{5}{16}$ " (7.9 mm)	PMW121	$\frac{5}{16}$ " (7.9 mm)
PMN114	$\frac{3}{8}$ " (9.5 mm)	PMN117	$\frac{5}{16}$ " (7.9 mm)	PMW137	$\frac{3}{8}$ " (9.5 mm)	PMW122	$\frac{3}{8}$ " (9.5 mm)
		PMN118	$\frac{3}{8}$ " (9.5 mm)				
		PMN337	$\frac{3}{8}$ " (9.5 mm) Domed				

STANDARD REPLACEMENT HUB SPINDLE UNITS

The following range of Hub Spindle Units is suitable for most replacement requirements. Axles and Cones are fully rustproofed and all include Locknuts and Wheel Nuts.

FOR JUNIOR HUBS

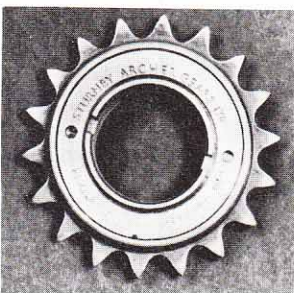
Sales No.	Description	
PHB309	Front	$4\frac{1}{4}$ " x $\frac{5}{16}$ "
PHK124	Rear (For Stabilisers)	$6\frac{1}{4}$ " x $\frac{5}{16}$ "
PHK306	Rear	$5\frac{1}{2}$ " x $\frac{5}{16}$ "

FOR ADULT STANDARD HUBS

Sales No.	Description	
PHB130	Front	$4\frac{15}{16}$ " x $\frac{5}{16}$ "
PHB141	Front (For Front Carrier)	$5\frac{1}{2}$ " x $\frac{5}{16}$ "
PHK118	Rear	$6\frac{1}{2}$ " x $\frac{3}{8}$ "

FOR SPORTS HUBS

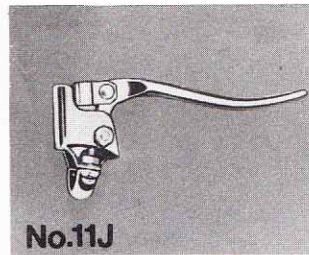
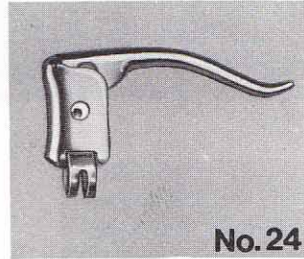
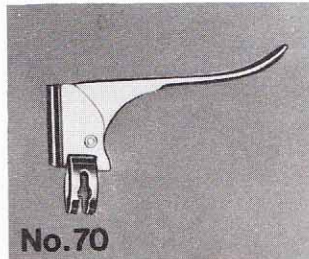
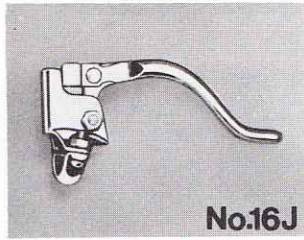
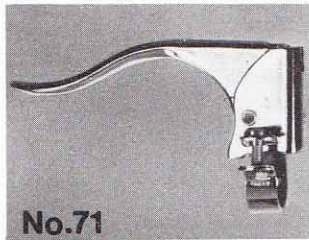
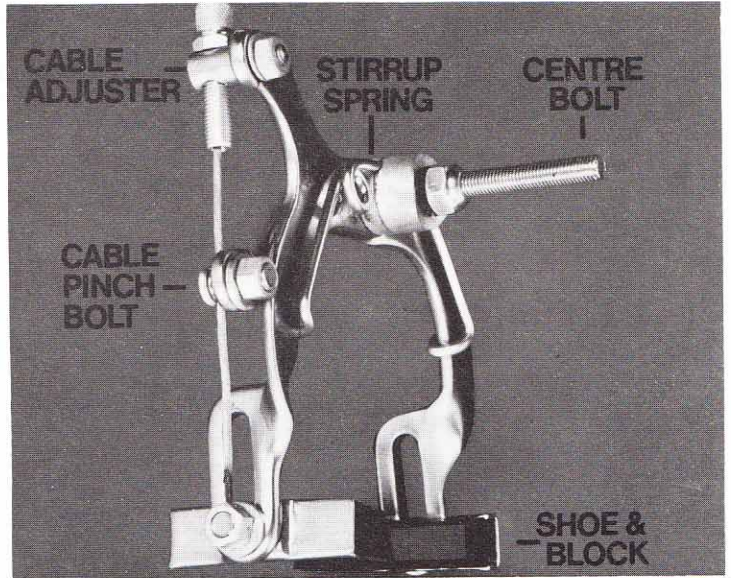
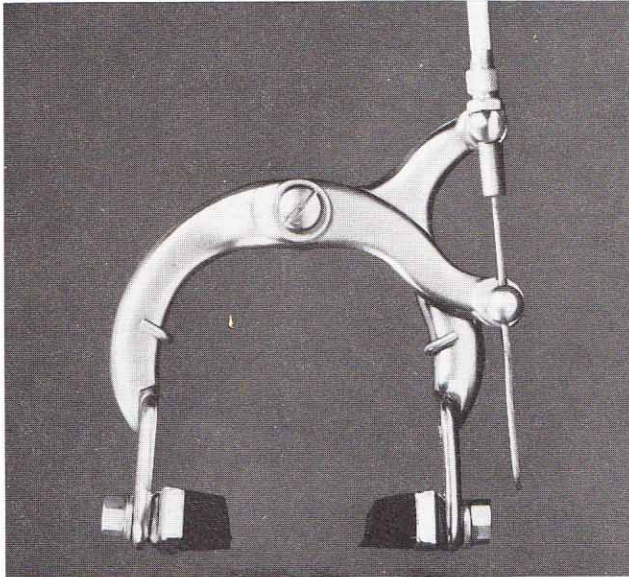
Sales No.	Description	
PHB133	Front Large Flange	$4\frac{15}{16}$ " x $\frac{5}{16}$ "
PHK133	Rear Large Flange with Spacer for Derrailleur Gear Fitment	$6\frac{1}{4}$ " x $\frac{3}{8}$ "
PHK121	Rear with Spacer for Derrailleur Gear	$6\frac{7}{16}$ " x $\frac{3}{8}$ "



FREEWHEELS

Sales No.	Description
HSL.127	18.T x $\frac{1}{2}$ " x $\frac{1}{8}$ " Standard - Central double race
HSL.129	18.T x $\frac{1}{2}$ " x $\frac{3}{16}$ " Carrier - Central double race
HSL.764	14.T x $\frac{1}{2}$ " x $\frac{1}{8}$ " Junior models

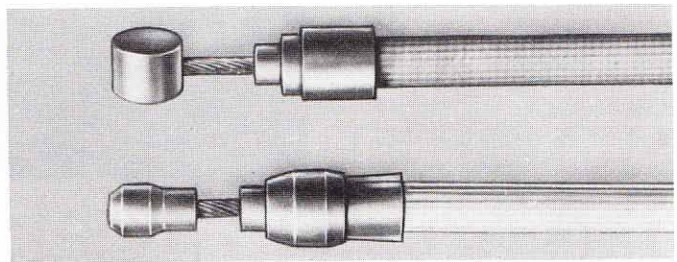
Cable brakes



BARREL NIPPLE—

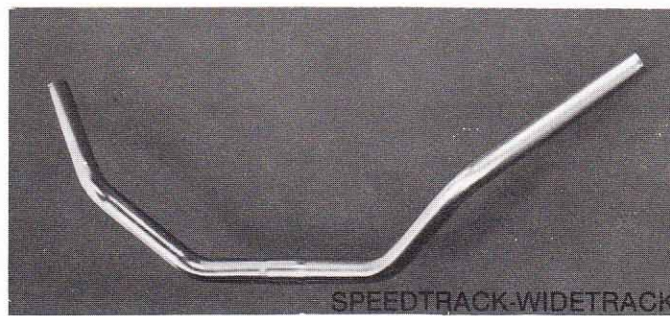
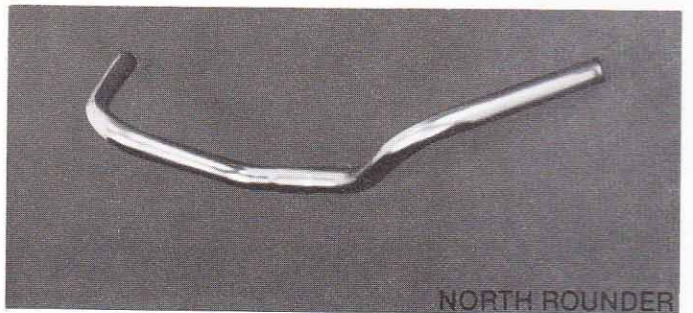
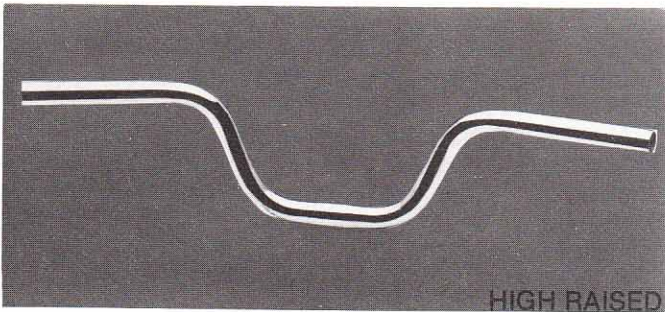
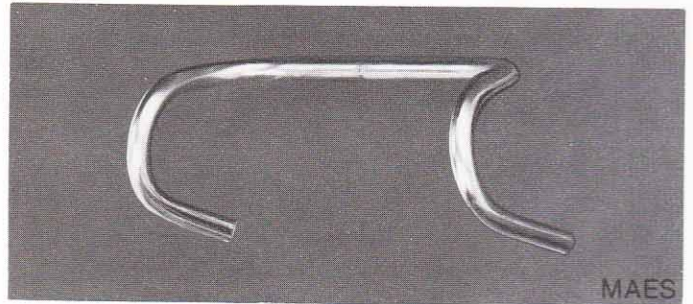
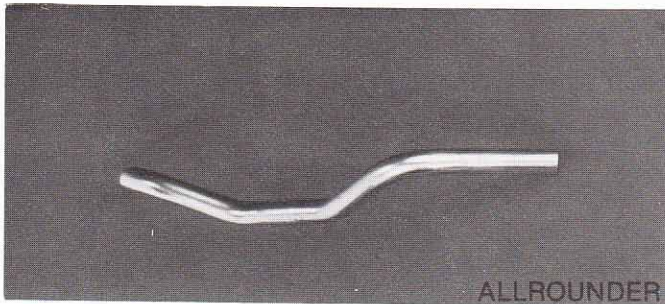
PEAR NIPPLE—

Sales No.	Description
PKM.103	Fork crown centre bolt complete - Standard
PKM.105	Rear bridge centre bolt unit - Complete
PKM.110	Stirrup spring - Standard
PKM.127	Fork crown centre bolt - Hi-rise
PKM.148	Cable adjuster assembly
PKM.150	Clip for PKL.115 - Lever
PKM.159	Rear bridge centre bolt unit complete for plate bridge
PKM.804	Stirrup spring - Hi-rise
PMN.281	Centre bolt nut
PMP.122	Lever nut and bolt and washer
PMP.126	Cable pinch bolt complete
PKP.115	Pair of brake shoes and blocks, front Hi-rise
PKP.116	Pair of brake shoes and blocks - Standard



CABLE BRAKE SETS					BRAKE LEVERS		
Sales No.	Description	Levers	Cables	Length	Sales No.	Description	
PKA.141	Front - 500	PKL.115	PKJ.103	24½" x 20" (622 x 508 mm)	White	PKL.112	16J Junior 7/8" (22.2 mm) rh/lh pear nipple
PKB.157	Rear - 501 Gents		PKJ.109	47½" x 43" (1206 x 1092 mm)	White	PKL.115	No. 70 7/8" (22.2 mm) rh/lh barrel nipple
PKB.158	Rear - 502 Ladies		PKJ.110	55½" x 51" (1410 x 1295 mm)	White	PKL.117	No. 71 7/8" (22.2 mm) rh/lh barrel nipple
PKA.134	Front - Chopper type		PKJ.236	32½" x 28" (826 x 711 mm)	Black	PKL.118	No. 24 Hooded sports 7/8" (22.2 mm) rh/lh pear nipple
PKB.149	Rear - Chopper type		PKJ.237	66" x 62½" (1676 x 1588 mm)	Black	PKL.803	11J Junior 3/4" (19.1 mm) rh/lh pear nipple
PKA.853	Front - Grifter type		PKJ.239	26½" x 22" (673 x 559 mm)	Black	PKL.804	11J Junior 7/8" (22.2 mm) rh/lh pear nipple
PKB.898	Rear - Grifter type		PKJ.210	48½" x 43" (1232 x 1092 mm)	Black		

Handlebar bends without levers or grips



Sales No.	Description	Width	Diameter
PNH.604	Speedtrack	25" (635 mm)	7/8" (22.2 mm)
PNH.810	Allrounder	22" (558.8 mm)	7/8" (22.2 mm)
PNH.811	Maes	14 3/8" (374.7 mm)	7/8" (22.2 mm)
PNH.812	High Raised	20 1 3/32" (521.5 mm)	7/8" (22.2 mm)
PNH.813	Allrounder Junior	19 3/4" (501.7 mm)	7/8" (22.2 mm)
PNH.814	High Raised	21 1/16" (547.7 mm)	7/8" (22.2 mm)
PNH.815	High Raised Narrow	18 3/8" (466.7 mm)	7/8" (22.2 mm)
PNH.816	Junior Maes	13 1/4" (366.6 mm)	7/8" (22.2 mm)
PNH.817	Northrounder	22" (588.8 mm)	7/8" (22.2 mm)
PNH.818	Widetrack	30" (762 mm)	7/8" (22.2 mm)

Handlebar stems

ALLOY



Sales No.	Description	Extension	Length	Diameter
PNJ.141	Sports	2¾" (70 mm)	5¾" (146 mm)	1⅝" (23.8 mm)
PNJ.501	Sports	2¾" (70 mm)	5¾" (146 mm)	1" (25.4 mm)
PNJ.821	Race	4⅔" (110 mm)	5¾" (146 mm)	1" (25.4 mm)
PNJ.820	Race	3½" (90 mm)	5¾" (146 mm)	1" (25.4 mm)
PNJ.819	Race	2¾" (70 mm)	5¾" (146 mm)	1⅝" (23.8 mm)
PNJ.818	Race	2¾" (70 mm)	5¾" (146 mm)	1" (25.4 mm)
PNJ.817	Race	2⅝" (55 mm)	5¾" (146 mm)	1⅝" (23.8 mm)
PNJ.816	Race	2⅝" (55 mm)	5¾" (146 mm)	1" (25.4 mm)

STEEL



Sales No.	Description	Extension	Length
PNJ.801	Type 276	1" (25.4 mm)	6½" (165.1 mm)
PNJ.802	Type 276	1" (25.4 mm)	7" (177.8 mm)
PNJ.815	Type 276	1" (25.4 mm)	9" (228.6 mm)
PNJ.803	Type 311	2½" (63.5 mm)	7½" (190.5 mm)
PNJ.804	Type 379	1¾" (44.5 mm)	6½" (165.1 mm)
PNJ.806	Type 379	1⅞" (47.6 mm)	11" (279.4 mm)
PNJ.807	Type 379	1¾" (44.5 mm)	9" (228.6 mm)
PNJ.814	Danish	2½" (63.5 mm)	9" (228.6 mm)

EXPANDER BOLTS (with cone and washer)

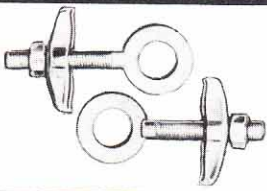
Sales No.	Description	Length
PNK.101	Hexagonal Head for steel stem	7" (177.8 mm)
PNK.105	Hexagonal Head for steel stem	8" (203.2 mm)
PNK.108	Socket Head for alloy stem	6" (152.4 mm)
PMP.257	Socket Head Clamp Bolt Assembly	

Miscellaneous components



SPOKE PROTECTOR DISCS

Sales No.	Description
PMM.238	Alloy flat - for hub gear models
PMM.275	Alloy-raised centre - for derailleur models



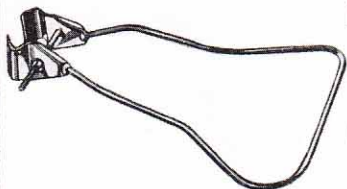
CHAIN ADJUSTER

Sales No.	Description
PMM.803	Chain adjuster



DISPLAY STAND

Sales No.	Description
PMK 801	Cycle Display Stand

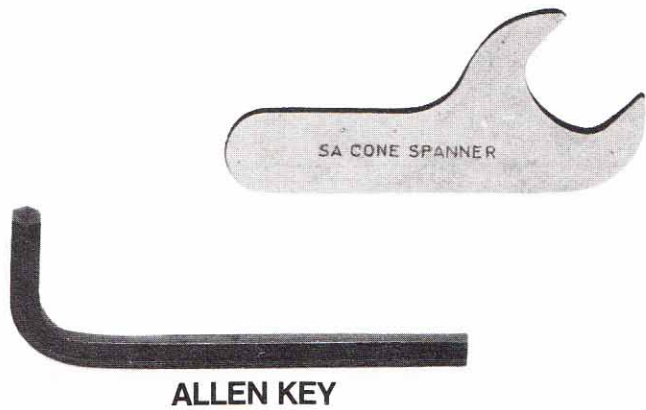
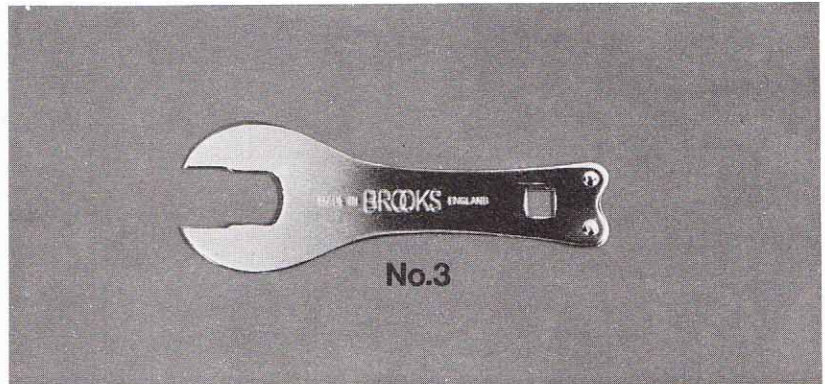
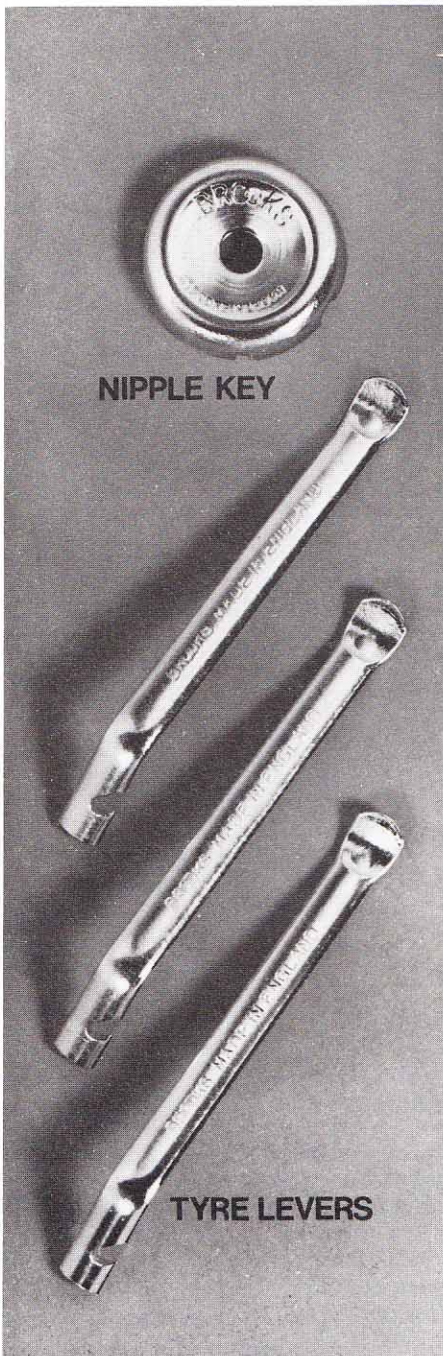


BAG SUPPORT

Sales No.	Description
PMM 264	Bag Support — Chrome

Sales No.	Description	Sales No.	Description
PDK 102	Mudguard Bridge Clip — Sports	PMN 118	Hub Spindle Nut $\frac{3}{8}$ "
PDK 110	Mudguard Bridge Clip — Roadster & Wide Rib	PMW 137	Serrated Axle Washer
PMP 104	Mudguard Stay/Frame Screw $\frac{7}{32}$ " Complete with Nut	PMP 102	Seat or Stem Bolt $1\frac{1}{16}$ " complete with Nut
PMP 116	Top Joint Pin, Nut & Washer — Rod Brakes	PMP 190	Seat Bolt $1\frac{1}{2}$ " complete with Washer & Nut
PMM 160	Cable/Flex Clip 1"	PMP 209	Quick Release Lever & Bolt — Head
PMM 276	Cable Clip $1\frac{5}{16}$ "	PMP 234	Quick Release Lever & Bolt — Seat
PMM 277	Cable Clip $1\frac{1}{4}$ "	PMW 104	Steering Head Distance Washer
PMN 112	Hub axle Locknut $\frac{5}{16}$ "	PMM 264	Bag Support
PMN 114	Hub axle Locknut $\frac{3}{8}$ "	PMK 801	Cycle Display Stand
PMN 117	Hub Spindle Nut $\frac{5}{16}$ "	PMP 182	Screw Assembly for Mudguard Stay $\frac{1}{2}$ " x $\frac{3}{16}$ "
		PMP 183	Screw Assembly for Mudguard Stay $\frac{5}{8}$ " x $\frac{3}{16}$ "
		PMP 184	Screw Assembly for Mudguard Stay 1" x $\frac{3}{16}$ "

Tools



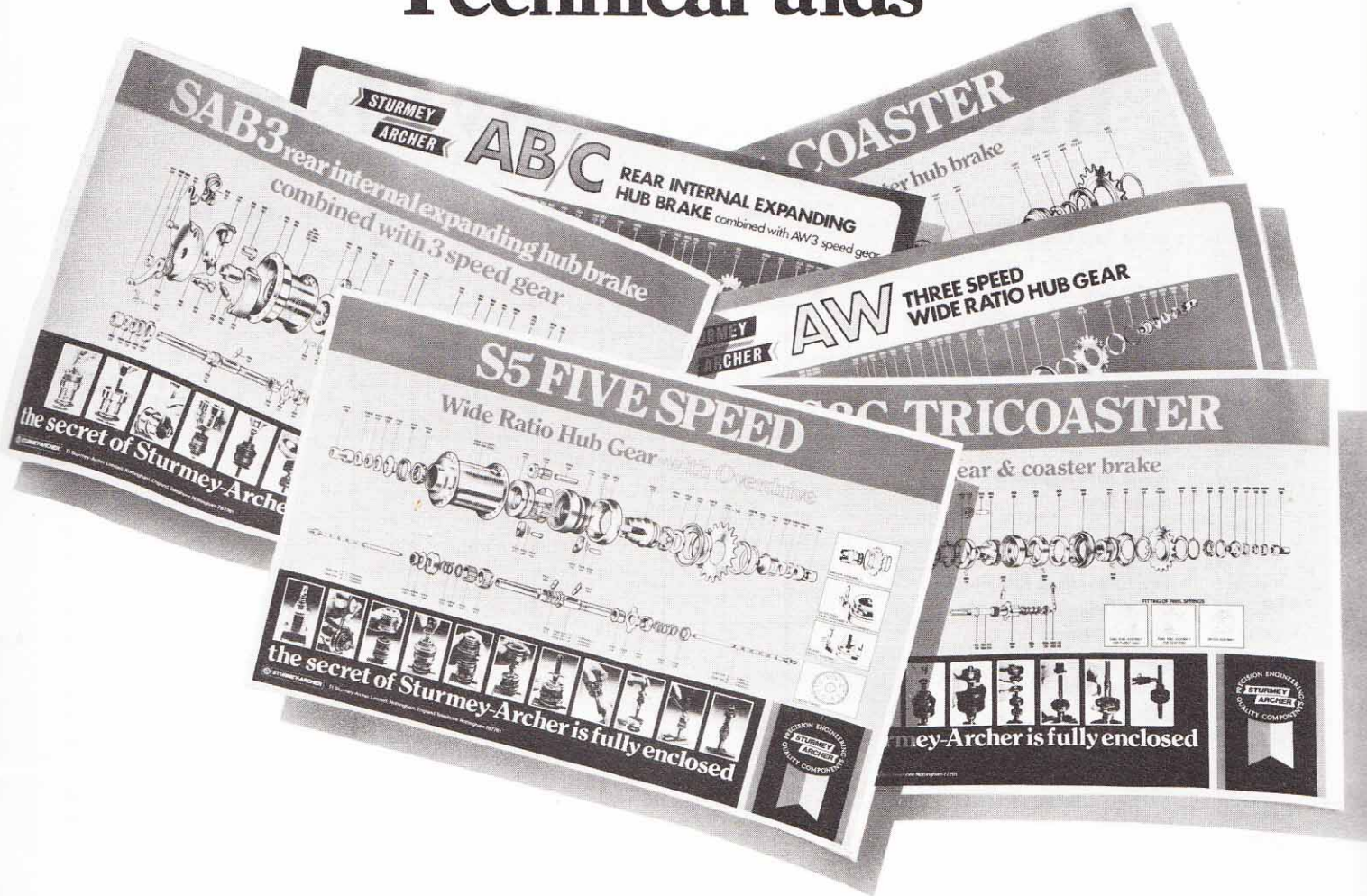
Sales No.	Description	Sales No.	Description
PMM.267	Brooks No. 3 spanner	PMM.272	Brooks No. 3 nipple key
PMM.269	Brooks No. 7 spanner	HSL.734	Spanner for single speed Coaster
PMM.271	Brooks No. 6 tyre levers (set of three)	HSL.744	Cone spanner for gear, dynamo and brake hubs
		HTR.128	Allen key $\frac{7}{32}$ " (5.6 mm) for professional select saddle
		PTR.318	Allen key $\frac{15}{64}$ " (6 mm) for alloy stem

Presentation packs



Sales No.	Description	Sales No.	Description
GBL 101	Cotter Pins (pair)	GKJ 240	Brake Cable Assembly, (Barrel type nipple), rear, 58½" x 54" 'Twenty' model
GKJ 103	Brake Cable Assembly (Barrel type nipple) front, 24½" x 20" white	GKL 115	Brake Lever No. 70, (Barrel type nipple), front or rear
GKJ 104	Brake Cable Assembly (Pear type nipple) front, 24½" x 20" white	GKP 116	Caliper Brake Shoe Unit, (Pair) front or rear
GKJ 109	Brake Cable Assembly (Barrel type nipple) gents, rear, 47½" x 43" white	GMM 271	Tyre Levers (set of 3)
GKJ 110	Brake Cable Assembly (Barrel type nipple) lady's rear, 55½" x 51" white	GMM 272	6-Way Nipple Key, No. 3
GKJ 111	Brake Cable Assembly (Pear type nipple) gents, rear, 47½" x 43" white	GSA 125	3-Speed Indicator Assembly for 5¾" axle
GKJ 112	Brake Cable Assembly (Pear type nipple) lady's rear, 58½" x 54" white	GSA 126	3-Speed indicator Assembly for 6¼" axle
GKJ 210	Brake Cable Assembly (Barrel type nipple) rear, 'Grifter' model 48½" x 43" Black	GSJ 101	3-Speed Trigger Cable and Anchorage, 60" x 21"
GKJ 236	Brake Cable Assembly, front, 'Chopper' model, 32½" x 28" Black	GSJ 102	3-Speed Trigger Cable and Anchorage 60" x 54"
GKJ 237	Brake Cable Assembly, rear, 'Chopper' model 66" x 62½" Black	GSJ 106	Auto Twist Grip Control Cable, 60" x 54" white
GKJ 238	Brake Cable Assembly, (Barrel type nipple), front, 26½" x 22" 'Twenty' model	GSJ 569	Sportshift 'T' Bar and Insert Assembly
GKJ 239	Brake Cable (Barrel type nipple), front, 'Grifter' model 26½" x 22" Black	GSJ 742	3-Speed Control Cable, 32" x 29", black - 'Chopper'
		GSJ 770	Auto Twist Grip Control Cable 58" x 53" black - 'Grifter'
		GST 762	Trigger Control Unit only
		GMN 348	Axle Nuts — 3-Speed (LH & RH)
		GKG 101	Inner Wire, 36", for Cable Brake - Front - Universal
		GKG 102	Inner Wire, 70", for Cable Brake - Rear - Universal
		GKG 103	Derailleur Gear Wire - 72" - Universal
		HMA 104	Sturme-Archer Lubricating Oil (250 ml) - Pack of 10
		BZL 294	Professional Select Saddle

Technical aids



In support of the range of quality components and accessories, STURMEY-ARCHER offer a comprehensive selection of product folders and wall charts, in several languages. These are readily available upon request and are invaluable for service clinics.



expert technical advice - STURMEY-ARCHER - of course!

Interchangeability Chart

		S3C	AW	AG	AB/C	SAB/3	S5	BF/C	BR/C	SBF	SBR	GH6	SC1	SCC
HCB101	Brake Arm Clip Comp. $\frac{5}{8}$ "				*	*			*		*			
HCB103	Brake Arm Clip Comp. $\frac{11}{16}$ "	*			*	*			*		*			
HCB104	Brake Arm Clip Comp. $\frac{1}{2}$ "	*												
HCC001	Axle & Cone Assembly 138mm													*
HCC002	Axle & Cone Assembly 148mm													*
HCC003	Axle & Cone Assembly 158mm													*
HCC004	Axle Nut													*
HCC005	Locknut													*
HCC006	Washer													*
HCC007	Brake Arm Assembly													*
HCC008	Brake Arm													*
HCC009	Dust Cover													*
HCC010	Cone													*
HCC011	Ball Cage L/H & R/H Races													*
HCC012	Brake Cylinder Assembly													*
HCC013	Shell, 28 Holes													*
HCC014	Shell, 36 Holes													*
HCC015	Driving Cone													*
HCC016	Driver													*
HCC017	Dust Cap													*
HCC018	Ballcage for Driver													*
HCC019	Circlip													*
HCC020	Dust Cap													*
HMA104	Sturmey-Archer Oil 250ml. Counter Display Pack - 10													
HMB101	Fork Clip Screw Comp.							*						
HMB135	Magnet Fixing Bolt			*								*		
HMB418	Pivot Bolt				*			*	*					
HMN118	Axle Nut							*	*	*	*	*	*	
HMN128	Axle Nut L/H	*	*	*	*	*								
HMN129	Axle Nut R/H	*	*	*	*	*	*							
HMN132	Cone Locknut	*	*	*	*	*	*							
HMN133	Dog Ring Locknut						*							
HMN134	Indicator Locknut	*	*	*	*	*	*							
HMN137	Cone Locknut								*		*			
HMN138	Cone Locknut							*		*		*		
HMN139	Cam Lever Nut				*	*		*	*	*	*			
HMN140	Terminal Nut			*								*		
HMN141	Magnet Fixing Nut			*								*		
HMN145	Adjuster Nut							*						
HMN257	Brake Arm Nut												*	
HMN344	Brake Arm Nut	*												
HMP107	Connector Screw Assembly							*						
HMW127	Sprocket Washer $\frac{1}{16}$ "	*	*	*	*	*	*							
HMW129	Axle Washer		*		*	*	*	*	*	*	*	*		
HMW146	Axle Washer $\frac{1}{16}$ "			*				*			*	*	*	*
HMW147	Cone Washer	*	*	*	*	*	*							
HMW149	Dog Ring Lockwasher						*							
HMW150	Lockwasher	*		*										
HMW151	Cone Adjusting Washer			*	*	*		*	*					
HMW152	Spacing Washer $\frac{3}{32}$ "			*	*			*	*					

Interchangeability Chart

		S3C	AW	AG	AB/C	SAB/3	S5	BF/C	BR/C	SBF	SBR	GH6	SC1	SCC
HMW155	Serrated Lock Washer	*	*	*	*	*	*							
HMW158	Magnet Fixing Screw			*								*		
HMW326	Pivot Washer					*		*	*					
HMW366	Tongued Washer												*	
HMW483	Spacing Washer 3/16"													
HMW488	Pinion Spring Washer						*							
HMW496	Spacing Washer 3/8"										*			
HSA101	Cone	*	*	*	*	*	*							
HSA102	Outer Dust Cap	*	*		*	*	*				*			
HSA104	Shell 40 H		*											
HSA105	Shell 36 H		*											
HSA107	Axle & Sun Pinion Assy. 5 3/4"		*	*	*	*								
HSA108	Axle & Sun Pinion Assy. 6 1/4"		*	*	*	*								
HSA111	Low Gear Pawl		*	*	*	*	*							
HSA112	Pawl Pin		*	*	*	*	*							
HSA113	Planet Cage		*											
HSA114	Pinion Pin		*	*	*	*								
HSA115	Planet Pinion		*	*	*	*								
HSA116	Clutch Sleeve		*	*	*	*	*							
HSA117	Clutch		*	*	*	*	*							
HSA118	Gear Ring		*	*	*	*	*							
HSA119	Gear Ring Pawl		*	*	*	*	*							
HSA120	Pawl Spring	*	*	*	*	*	*							
HSA121	R/H Ball Ring		*	*	*	*	*							
HSA122	Inner Dust Cap		*	*	*	*	*							
HSA123	Driver		*	*	*	*	*							
HSA124	Axle Key		*	*	*	*	*							
HSA125	Indicator Assy. for 5 3/4" Axle (see GSA125)		*	*	*	*	*							
HSA126	Indicator Assy. for 6 1/4" Axle (see GSA126)	*	*	*	*	*	*							
HSA128	Clutch Spring	*	*	*	*	*	*							
HSA129	Clutch Spring Cap	*	*	*	*	*	*							
HSA132	Planet Cage						*							
HSA133	Pawl Pin						*							
HSA134	Planet Pinion						*							
HSA135	Pinion Pin						*							
HSA138	Dog Ring						*							
HSA151	Shell 40H			*										
HSA152	Shell 36H			*										
HSA153	Planet Cage			*	*	*								
HSA154	Shell 40H				*									
HSA155	Shell 36H				*									
HSA164	Ball Cage	*												
HSA168	Pawl Ring	*												
HSA231	Shell 28H			*										
HSA232	Shell and Ball Cup Assy. 28H	*												
HSA233	Shell and Ball Cup Assy. 36H	*												
HSA234	L/H Cone			*	*									
HSA235	R/H Cone											*		

Interchangeability Chart

		S3C	AW	AG	AB/C	SAB/3	S5	BF/C	BR/C	SBF	SBR	GH6	SC1	SCC
HSA236	L/H Cone							*	*			*		
HSA237	R/H Cone							*	*					
HSA239	Shell 28H		*											
HSA241	Grease Retainer			*	*	*		*	*			*		
HSA253	R/H Pawl Spring	*												
HSA264	Inner Ball Cage												*	
HSA270	Shell & Ball Cup Assy. 36H						*							
HSA273	Low Gear Spring						*							
HSA275	Shell 28H				*									
HSA283	Thrust Ring		*	*	*	*	*							
HSA284	Ball Cage	*	*	*	*	*	*	*	*		*	*		
HSA290	Shell & Ball Cup Assy. 28H						*							
HSA291	Planet Cage	*												
HSA292	Planet Pinion	*												
HSA293	Pinion Pin	*												
HSA294	Clutch	*												
HSA295	Axle Key	*					*							
HSA296	Gear Ring	*												
HSA304	Ratchet Ring	*												
HSA307	Pawl Ring Assy.	*												
HSA308	Ball Ring & Dustcap Assy.	*												
HSA311	Driver Assy.	*												
HSA313	Axle and Sun Pinion Assy. 6"	*												
HSA314	Axle and Sun Pinion Assy. 6 1/4"	*												
HSA315	Indicator Assy.	*												
HSA316	Indicator Assy.						*							
HSA317	Primary Sun Pinion						*							
HSA318	Secondary Sun Pinion						*							
HSA319	Return Spring						*							
HSA320	Axle 5 13/16"						*							
HSA321	Axle 6 1/16"						*							
HSA322	Axle 6 5/16"						*							
HSA323	Shell & Ball Cup Assy. 40H	*												
HSA325	L/H Cone					*								
HSA326	Shell Assy. 28H					*								
HSA327	Shell Assy. 36H					*								
HSA328	Shell Assy. 40H					*								
HSA469	Brake Operating Pawl Spring	*												
HSB202	Brake Plate							*						
HSB203	Brake Plate							*						
HSB204	Cam Lever (Rod)							*						
HSB205	Cam Lever (Cable)							*		*				
HSB209	Brake Cam				*			*	*					
HSB213	Shoe End Cap				*			*	*					
HSB216	Axle 5"							*						
HSB217	Axle 4 3/4"							*						
HSB219	Brakeplate				*									
HSB220	Cam Lever				*	*			*		*			
HSB223	Axle 5 3/4"								*					
HSB224	Axle 6 1/4"								*					
HSB225	Cone Dust Cap										*			
HSB226	Cable Guide							*		*				
HSB235	Brake Plate										*			
HSB246	Pivot Sleeve				*			*	*					
HSB248	Spring				*			*	*					
HSB249	Brake Shoe & Lining Assy.				*			*	*					

Interchangeability Chart

		S3C	AW	AG	AB/C	SAB/3	S5	BF/C	BR/C	SBF	SBR	GH6	SC1	SCC
HSB250	Shell 28H							*						
HSB251	Shell 32H							*						
HSB252	Shell 36H							*						
HSB253	Shell 36H								*					
HSB254	Shell 40H													
HSB255	Spacer									*	*			
HSB256	Torque Arm Assy.									*	*			
HSB257	L/H Cone and Axle Assy. 5"									*				
HSB258	Brake Cam					*				*	*			
HSB259	Brake Shoe & Lining Assy.					*				*	*			
HSB260	Brake Shoe Cap					*				*	*			
HSB261	Pivot Sleeve					*				*	*			
HSB262	Shell Assy. 28H Small Flange									*				
HSB263	Brake Arm Assy.					*					*			
HSB264	Shell Assy. 36H Small Flange									*				
HSB265	Dust Cover									*	*			
HSB267	R/H Cone - Adjustable									*	*			
HSB268	Brake Spring					*				*	*			
HSB269	L/H Cone & Axle Assy. 4 3/4"									*				
HSB270	Ball Cage Assy.									*	*			
HSB271	Brake Lever Spring				*	*		*			*			
HSB272	Shell & Ball Cage Assy. 28H										*			
HSB273	Shell & Ball Cage Assy. 36H										*			
HSB274	Axle & Cone Assy. 5 3/4" Small & Large Flange										*			
HSB275	Axle & Cone Assy. 6 1/4" Small & Large Flange										*			
HSB279	Axle & Cone Assy. 6 1/4" Small & Large Flange Derailleur										*			
HSB280	Hub Shell Assy. 36H Large Flange										*			
HSD301	Spacing Cup											*		
HSD302	Magnet Cover Plate			*								*		
HSD303	Patent No Disc			*								*		
HSD304	Armature Comp.			*								*		
HSD306	Magnet Spacing Ring			*								*		
HSD307	Axle 5"											*		
HSD308	Axle 4 3/4"											*		
HSD312	DBU Less Flex													
HSD324	Wire Tag Hook													
HSD327	Plug In Ferrule													
HSD328	Steel Headlamp			*								*		
HSD332	Bulb 6 Volt .2 Amp MES			*								*		
HSD365	FSU c/w Clip													
HSD399	Bulb 6 Volt .25 Amp MES			*								*		
HSD400	Bulb 6 Volt .25 Amp Capless													
HSD410	Bulb 6 Volt .1 Amp Capless													
HSD425	Magnet & Armature Assy.			*								*		
HSD437	T/Lamp Lens													
HSD439	Bulb 6 Volt .2 Amp Capless													
HSD441	Plastic Taillamp 1/2" Clip													
HSD442	Plastic Taillamp Oval Clip													
HSD443	Plastic Headlamp													
HSD458	Shell 28H											*		
HSD459	Shell 32H											*		
HSD460	Shell 36H											*		
HSD470	Chrome Tail Lamp - 1/2" clip			*								*		
HSD471	Chrome Tail Lamp - 5/8" clip			*								*		
HSD472	Headlamp with Flex 58"			*								*		
HSD473	H/Lamp (large) with Flex 57" Tyre Dyno													
HSD475	H/Lamp (small) with Flex 57" Tyre Dyno													
HSD476	H/Lamp Bulb 6V .4A - Tyre Dyno													
HSD477	H/Lamp 6V .25A for 20" Wheel Dyno Hub			*								*		
HSD478	H/Lamp with Flex 58" x 47" - AG			*										
HSD479	H/Lamp with Flex 34" x 47" - GH6											*		

Interchangeability Chart

		S3C	AW	AG	AB/C	SAB/3	S5	BF/C	BR/C	SBF	SBR	GH6	SC1	SCC
HSH401	Strengthening Pad	*												
HSH404	Outer Dust Cap	*												
HSH407	Brake Spring	*												
HSH408	Thrust Plate	*												
HSH424	Torque Arm												*	
HSH447	Cone L/H	*												
HSH448	Brake Band Assy.	*												
HSH450	Brake Arm	*												
HSH451	Driver												*	
HSH452	Driver Dust Cover												*	
HSH453	Ball Cage Assy.												*	
HSH454	Actuating Nut												*	
HSH455	Drag Spring												*	
HSH456	Brake Band Assy.												*	
HSH457	L/H Cone												*	
HSH458	Cone Dust Cap												*	
HSH460	Shell Assy. 28H												*	
HSH461	Axle & R/H Cone Assy. 6½"												*	
HSH462	Axle & R/H Cone Assy. 6⅞"												*	
HSH463	Shell Assy. 36H												*	
HSH464	Axle & R/H Cone Assy. 6"												*	
HSH465	Shell & Assy. 40H												*	
HSH467	Axle & R/H Cone Assy. 6½" (Grooved)												*	
HSH468	Axle & R/H Cone Assy. 6⅞" (Grooved)												*	
HSH469	Sprocket Dust Cover												*	
HSJ101	Trigger Cable c/w Anchorage 60"×21" WHT (see GSJ101)	*	*	*	*	*								
HSJ102	Trigger Cable c/w Anchorage 60"×54" WHT (see GSJ102)	*	*	*	*	*								
HSJ103	Std. Twistgrip Cable 60"×21"	*	*	*	*	*								
HSJ105	Auto Twistgrip Cable 60"×21"	*	*	*	*	*								
HSJ106	Auto Twistgrip Cable 60"×54" WHT (see GSJ106)													
HSJ113	Auto Twistgrip Cable Black 62½"×56"	*	*	*	*	*								
HSJ115	Sportshift Cable 36"×30"	*	*	*	*	*								
HSJ512	Fulcrum Clip 1" Top Tube													
HSJ513	Fulcrum Clip ⅞" Top Tube													
HSJ514	Fulcrum Clip 1⅛" Downtube													
HSJ515	Fulcrum Sleeve													
HSJ517	Trigger Cable 54½"×17½"	*	*	*	*	*				*				
HSJ520	Pulley Assy. 1"													
HSJ521	Pulley Assy. 1⅛"													
HSJ544	Twist Grip Spring													
HSJ547	Chainstay Fulcrum Clip 47/66" Roadster													*
HSJ548	Chainstay Fulcrum Clip 45/64"													
HSJ553	Chainstay Fulcrum Clip 5/8"													
HSJ570	Gear Lever & Piston Assy.													
HSJ578	Auto Twist Grip Casing Top													
HSJ579	Auto Twist Grip Casing Bottom													
HSJ580	Gear Locating Spring Auto Twistgrip													
HSJ607	Backstay Fulcrum Clip ½"													*

Interchangeability Chart

		S3C	AW	AG	AB/C	SAB/3	S5	BF/C	BR/C	SBF	SBR	GH6	SC1	SCC
HSJ643	Detent Spring Auto Twist Grip													
HSJ658	Auto Twist Grip Control & Cable 60" x 54"	*	*	*	*	*								
HSJ675	Sportshift Knob Assy. Black	*	*	*	*	*	*							
HSJ705	70A Control Unit $\frac{7}{8}$ " Clip	*	*	*	*	*								
HSJ706	70B Control Unit $\frac{7}{8}$ " Clip	*	*	*	*	*								
HSJ707	70D Control Unit $\frac{7}{8}$ " Clip	*	*	*	*	*								
HSJ708	70D Control Unit Twin Top Tube	*	*	*	*	*								
HSJ709	70E Control Unit $\frac{7}{8}$ " Clip	*	*	*	*	*								
HSJ711	S5 Dual Levers with Cables 1" $\frac{1}{8}$ " Clip						*							
HSJ720	S5 Cable 36" x 30" with Anchorage						*							
HSJ741	72R Control & Cable & Assy. 32" x 29" Black-Ral. Chopper	*	*	*	*	*								
HSJ742	Control Cable Assy. 32" x 29" Black (see GSJ742)-Ral. Chopper	*	*	*	*	*								
HSJ743	Trigger Control & Fitting Set		*											
HSJ744	Lamp Set											*		
HSJ745	Trigger Control and Lamp Set			*										
HSJ762	Trigger Control 3 Speed $\frac{7}{8}$ " (see GST762)	*	*	*	*	*								
HSJ763	Auto Twist Grip c/w Cable Anchorage 60" x 54"-Ral. Twenty	*	*	*	*	*								
HSJ765	Trigger Control 3 Speed $\frac{15}{16}$ "	*	*	*	*	*								
HSJ769	Auto Twistgrip c/w Cable Black & L/H Grip 58" x 53"-Ral. Grifter	*	*	*	*	*								
HSJ770	Twistgrip Cable 58" x 53" Black (see GSJ770)-Ral. Grifter	*	*	*	*	*								
HSJ773	S5 Dual Levers with Cables - Stem Fitting $\frac{7}{8}$ "						*							
HSJ774	S5 Cable 53" x 47" - Stem Fitting Levers						*							
HSJ775	Universal Fulcrum Clip Assy. - $\frac{5}{8}$ " Chainstay						*							
HSK603	Swivel Pin							*						
HSK606	Brake Cable 65 $\frac{3}{16}$ " x 58" Black				*									
HSK607	Brake Cable 41 $\frac{1}{8}$ " x 36" Black									*				
HSK608	Brake Cable 41 $\frac{1}{8}$ " x 36" Silver									*				
HSK610	Brake Cable 65 $\frac{3}{16}$ " x 58" Silver				*									
HSK622	Brake Stirrup							*						
HSK647	Rear Brake Rod Assy. 22"				*									
HSK469	Brake Cable 41 $\frac{1}{8}$ " x 36" White									*				
HSK651	Brake Rod Assy.							*						
HSK664	Fork Clip Assy. Oval/'D' Blades							*						
HSK665	Fork Clip Assy. Duplex							*						
HSK666	Brake Lever L/H, R/H				*	*		*	*	*	*			
HSK668	Brake Cable Nipple Retainer				*	*		*	*	*	*			
HSK669	Brake Cable Assy. 41 $\frac{1}{8}$ " x 36" White							*						
HSK670	Brake Cable Assy. 64 $\frac{3}{4}$ " x 58" White				*	*					*			
HSK674	Brake Cable Assy. 41 $\frac{1}{8}$ " x 36" Black							*						
HSK675	Brake Cable Assy. 64 $\frac{3}{4}$ " x 58" Black				*	*					*			
HSK676	Brake Cable Assy. 64 $\frac{3}{4}$ " x 58" Silver				*	*					*			
HSK677	Brake Cable Assy. 41 $\frac{1}{8}$ " x 36" Silver							*						
HSL127	Freewheel 18T x $\frac{1}{2}$ " x $\frac{1}{8}$ "													
HSL129	Freewheel 18T x $\frac{1}{2}$ " x $\frac{3}{16}$ "													
HSL701	Sprocket Dust Cap	*	*	*	*	*	*							
HSL702	Brake Arm Clip Assy. Round							*		*				
HSL703	Brake Arm Clip Assy. Oval							*		*				
HSL706	Brake Arm Clip Assy. Roadster							*						
HSL725	Circlip for Pivot Sleeve								*					

Interchangeability Chart

		S3C	AW	AG	AB/C	SAB/3	S5	BF/C	BR/C	SBF	SBR	GH6	SC1	SCC
HSL711	Polythene Indicator Guard													
HSL713	Sprocket 13T x 1/8"	*	*	*	*	*	*						*	*
HSL714	Sprocket 14T x 1/8"	*	*	*	*	*	*						*	*
HSL715	Sprocket 15T x 1/8"	*	*	*	*	*	*						*	*
HSL716	Sprocket 16T x 1/8"	*	*	*	*	*	*						*	*
HSL717	Sprocket 17T x 1/8"	*	*	*	*	*	*						*	*
HSL718	Sprocket 18T x 1/8"	*	*	*	*	*	*						*	*
HSL719	Sprocket 19T x 1/8"	*	*	*	*	*	*						*	*
HSL720	Sprocket 20T x 1/8"	*	*	*	*	*	*						*	*
HSL721	Sprocket Circlip	*	*	*	*	*	*						*	*
HSL722	Sprocket 22T x 1/8"	*	*	*	*	*	*						*	*
HSL723	Sprocket 18T x 3/16"	*	*	*	*	*	*						*	*
HSL724	Sprocket 19T x 3/16"	*	*	*	*	*	*						*	*
HSL725	Circlip for Pivot Sleeve				*			*						
HSL729	Circlip for Planet Cage	*												
HSL732	Brake Arm Clip Assy. Roadster												*	*
HSL733	Brake Arm Clip Assy. Sports												*	*
HSL734	Spanner												*	
HSL759	Cable Anchorage Assy.						*							
HSL764	Freewheel 14T 1/2" x 1/8"													
HSX105	Internal 5 1/4" Axle		*											
HSX106	Internal 6 1/4" Axle		*											

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