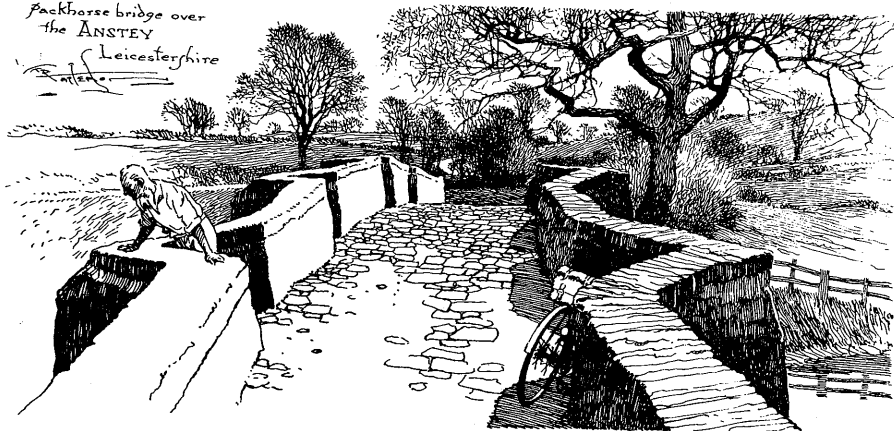


CYCLE TOURING

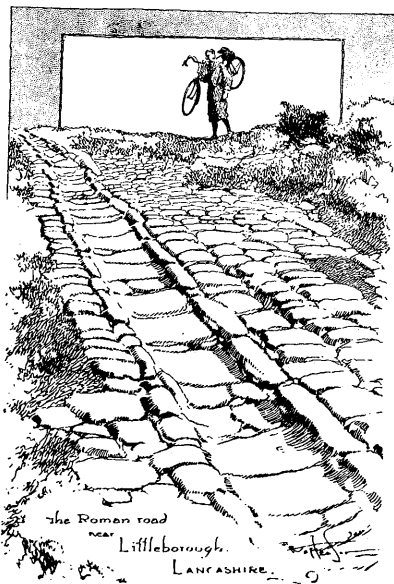
Thanks to the efforts of the **CYCLISTS' TOURING CLUB**, formed at Harrogate nearly 100 years ago, touring still provides enjoyment for thousands of cyclists young and old.

Here are three sketches by the inimitable **Frank Patterson** which serve to illustrate the pleasures of cycle touring.

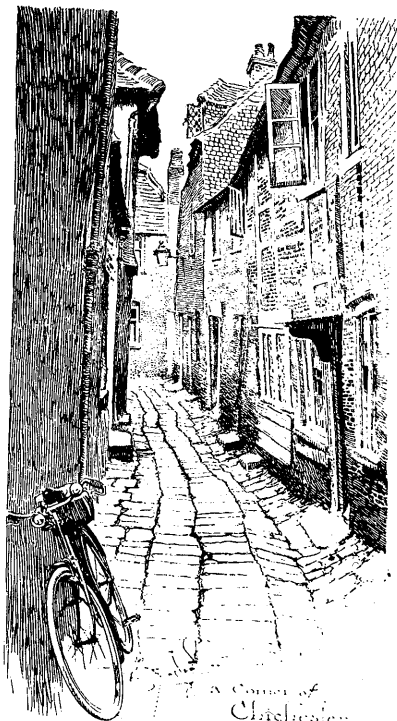
Packhorse bridge over
the ANSTEY
Leicestershire



Three paved roadways but
how different, and truthful,
in character.



The Roman road
near
Littleborough,
LANCASHIRE.



A Corner of
Chichester

$$\frac{19}{32} 15.08 \div 15 \quad \frac{1}{2} 12.7 \div 13 \quad \frac{7}{16} 11.125 \div 11$$

$$\frac{11}{32} 8.73 \div 9 \quad \frac{5}{16} 7.9375 \div 8$$

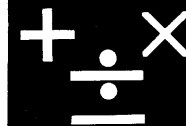
USA TRA (The Tire and Rim Association)

British S.M.A.T. (The Society of Motor Manufacturers and Traders Ltd.)

Deutsche DIN (Deutsche Industrie Normen)

French B.N.A. (Bureau des Normes de L'automobile)

TECHNICAL
DATA



British Cycle Accessory production has been steadily reducing in recent years and this has led to a corresponding increase in Imports mainly from the Continent. Problems have been created as a result, in particular by the different thread standards but no doubt Britain will adopt metrication to make both imports and exports alike much easier.

In this section we are attempting to answer many of the questions that have arisen on this subject plus giving you some technical data that we hope will be of value to both user, manufacturer and cycle trader.

We certainly believe that universal adoption of the metric system will eventually reduce costs to everyone's benefit. However, we also hope that some links with the past will be retained, i.e. BBAR qualifying racing distances could well stay calculated in miles or nearest kilometre equivalent, if only to make interesting comparison with past performances.

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1—BRITISH & METRIC EQUIVALENTS

(a) CYCLE ACCESSORY DIMENSIONS

PUMPS

Diameter 直径

Inches	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	1
Mms.	19.0	22.2	23.8	25.4

Length

Inches	9	10	11	12	13	14	15	16	17	18	19	20
Mms.	228	254	279	305	330	355	381	406	432	457	482	508

CRANK LENGTHS JUVENILE 小体用

Inches	$3\frac{3}{8}$	$3\frac{1}{2}$	$4\frac{1}{8}$	$4\frac{3}{8}$	$5\frac{1}{4}$	$5\frac{5}{8}$	$5\frac{3}{4}$	$5\frac{7}{8}$	$5\frac{3}{2}$
Mms.	90	100	110	120	130	135	140	145	150

CRANK LENGTHS ADULT

Inches	$6\frac{1}{2}$	$6\frac{5}{8}$	$6\frac{1}{2}$	$6\frac{3}{4}$	$6\frac{1}{2}$	$6\frac{5}{8}$	$6\frac{3}{4}$	$7\frac{1}{8}$	
Mms.	160	162.5	165	167.5	170	172.5	175	177.5	180

CHAIN PITCH

Inches	1" Bloc	$\frac{1}{2}$ "	$\frac{3}{8}$ "	$\frac{5}{8}$ "
Mms.	25.4	12.7	3.17	2.38

FRAME SIZES (Measured from centre of bracket axle to top of seat lug)

Inches	20	$20\frac{7}{8}$	$20\frac{1}{2}$	$21\frac{3}{8}$	$21\frac{1}{2}$	22	$22\frac{1}{8}$	$22\frac{1}{2}$	$23\frac{1}{8}$	$23\frac{1}{2}$	24	$24\frac{1}{8}$	$24\frac{1}{2}$	
Cms.	50.8	52	53	54	55	55.8	56	57	58	59	60	61	62	63

Inches	18	19	20	21	22	23	24	25	26
Cms.	45.7	48.2	50.8	53.3	55.8	58.4	60.9	63.5	66.0

FRAME TUBING (Outside diameters)

	Head	Top	Down	Seat	Fork Column <small>Fork Stem</small>
Inches	$1\frac{1}{4}$	1	$1\frac{1}{8}$	$1\frac{1}{8}$	1
Mms.	31.7	25.4	28.6	28.6	25.4

BALL BEARINGS

Inches	$\frac{1}{8}$ "	$\frac{5}{32}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "
Mms.	3.17	3.96	4.76	6.35

HANDLEBAR STEM (Forward length from centre of clip to centre of expander bolt hole)

Inches	$1\frac{3}{4}$	2	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{1}{8}$	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	$4\frac{1}{8}$	$4\frac{1}{4}$	$4\frac{1}{2}$	$4\frac{3}{4}$	$5\frac{1}{8}$	$5\frac{1}{4}$
Cms.	4	5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	12	13	14

SEAT PILLAR DIAMETERS

BRITISH Ref. No.			3			4		5			
TUBING GAUGE			20			21		22			
Mms.		25	25.8	26	26.2	26.4	26.6	26.8	27	27.2	27.4
Inches (approx.)		$\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$

SPOKE GAUGES

BRITISH SWG	7	8	9	10	11	12	13	14	15	16	17
FRENCH JP	20	19	18	17	16	15	14	13	12	11	10

6-9差

SPOKE LENGTHS (Measured from inside bend of the head to the end of the spoke)

Inches	6 3/8	6 1/4	6 1/8	11 3/8	11 1/2	11 5/8	11 3/4	11 7/8	12	12 1/8	12 1/4				
Mms.	162	170	174.6	289.9	292	293.6	295.2	296.8	298.4	300	301.6	303.2	304.8	306.4	308

(b) CLOTHING SIZES

CAPES (Racing)

British	Small 5' 2" 5' 6"	Medium 5' 6" 5' 10"	Large 5' 10" 6' 2"
Italian	48	50	52
French	1	2	3

HATS (Men's)

British	6 1/2	6 5/8	6 3/4	6 7/8	7	7 1/8	7 1/4	7 3/8	7 1/2
Continental	53	54	55	56	57	58	59	60	61
French	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7
American	6 5/8	6 3/4	6 7/8	7	7 1/8	7 1/4	7 3/8	7 1/2	7 5/8

JERSEYS, PULLOVERS, SWEATERS, TRAINING AND TRACK SUITS

Average Height	British Chest Size	Belgian All Types	French/Italian Jerseys	Italian Track & Training Suits	Danish
5' 2" - 5' 4"	32	—	2	44	4
5' 4" - 5' 6"	34	1	3	46	3
5' 6" - 5' 8"	36	2	4	48	2
5' 8" - 5' 10"	38	3	5	50	1
5' 10" - 6' 0"	40	4	6	52	0
6' 0" - 6' 2"	42	5	7	54	—

SHIRTS

British	14	14 1/2	15	15 1/2	16	16 1/2	17
Continental	36	37	38	39	40	41	42

TROUSER AND PANTALONS (Waist Size)

British	28"	30"	32"	34"	36"	38"	40"
Continental	42	44	46	48	50	52	54
Danish	74	76	78	80	82	84	86

SOCKS

British	9 1/2	10	10 1/2	11	11 1/2	12	12 1/2	13
Continental	38-39	39-40	40-41	41-42	42-43	43-44	44-45	45-46
To fit Shoe Size	5	6	7	8	9	10	11	12

STOCKINGS

British	8	8 1/2	9	9 1/2	10	10 1/2	11	11 1/2	12
Continental	0	1	2	3	4	5	6	7	8

SHOES

British	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Italian Spanish }	35	36	37	38	39	40	41	42	43	44	45	46	47	48
French	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Bootees	36	37	38	39	40	41	42	43	44	45	46	47	48	49

(c) TYRE SIZES (Wired-On)

Inches	12	14	16	18	20	22	23	24	26	28
Mms.	300	350	400	450	500	550	575	600	650	700

Rim size
1 3/8, 1 1/2, 1 5/8
A, B, C

Inches	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/4
Mms.	32	35A	38B	42C	45C	50	56

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Inches	1 1/2 x 1 1/8	1 5/8 x 1 1/4	1 1/2 x 1 3/8	1 5/8 x 1 3/8	1 5/8 x 1 1/2	1 1/2 x 1 5/8	1 1/2 x 1 1/4	1 5/8 x 1 3/4	1 1/2 x 2	1 5/8 x 2
Mms.	28B	32C	35B	35C	38C	42B	45B	45C	50B	50C

Equivalents can be checked as follows: 26 x 1 1/4 = 650 x 32 or 26 x 1 1/2 x 2 = 650 x 50B

700C = 22 x 1 5/8 x 1 1/2

50-51
1910-12 No. 12

(d) TUBULAR TYRE WEIGHTS

Ozs.	4	4½	4¾	5	5½	5¾	6	6½	6¾	7	7½	7¾
Grams	113	121	128	135	142	149	156	163	170	177	184	191

Ozs.	8	8½	8¾	9	9½	9¾	10	10½	11	11½	12	12½	13	14
Grams	227	234	241	249	255	262	269	276	283	297	311	326	340	354

Ozs.	15	16	17	18	19	20	21	22
Grams	426	454	482	510	538	566	594	622

(e) DISTANCE TABLES mill 5280 ft. about 1609 km. grade = 0.914400 m = 26 inches = 3 feet

2 Equivalent in Miles	0.62	1.24	1.86	2.48	3.11	3.73	4.35	4.97	5.59	6.2	6.82	7.44	8.06	8.68	9.3	9.92	10.54	11.16	11.78	12.4	13.02	13.64	14.26	14.88	15.5	16.12	16.74	17.36	17.98	18.6	19.22	19.84	20.46	21.08	21.7	22.32	22.94	23.56	24.18	24.8	25.42	26.04	26.66	27.28	27.9	28.52	29.14	29.76	30.38	31	31.62	32.24	32.86	33.48	34.1	34.72	35.34	35.96	36.58	37.2	37.82	38.44	39.06	39.68	40.3	40.92	41.54	42.16	42.78	43.4	44.02	44.64	45.26	45.88	46.5	47.12	47.74	48.36	48.98	49.6	50.22	50.84	51.46	52.08	52.7	53.32	53.94	54.56	55.18	55.8	56.42	57.04	57.66	58.28	58.9	59.52	60.14	60.76	61.38	62
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(f) SPEED TABLES

2 Equivalent in Miles per hour	6	9	12½	16	19	22	25	28	31	37	43	50	56	62
1 Kilometres OR Miles per hour	10	15	20	25	30	35	40	45	50	60	70	80	90	100
3 Equivalent in Kilometres per Hour	16	24	32	40	48	56	64	72	80	96	113	129	145	161

For Speed and Distance Tables, read line 1 first and obtain the appropriate equivalent in miles or kilometres from line 2 or 3.
 Example: 10 in Miles = 16 in Kilometres
 10 in Kilometres = 6 in Miles

(g) TEMPERATURE CONVERSION SCALE

Fahrenheit	0	32	40	50	60	70	80	90	100	212
Centigrade	-17.7	0.0	4.4	10.0	15.5	21.1	26.7	32.2	37.7	100

Boiling point 212°F. or 100°C. Freezing point 32°F. or 0°C.

(I) WEIGHTS AND MEASURES

Equivalent in Metres	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
Feet or Metres	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Equivalent in Feet	3.2	6.5	9.8	13.1	16.4	19.6	22.9	26.2	29.5	32.8	36.0	39.3	42.6	45.9

Equivalent in Kilos	0.45	0.91	1.36	1.81	2.27	2.72	3.18	3.63	4.08	4.54	4.99	5.45	5.90	6.35
Pounds or Kilos	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Equivalent in Pounds	2.20	4.41	6.61	8.82	11.02	13.23	15.43	17.64	19.84	22.05	24.25	26.46	28.66	30.87

Ib one pound = 453.6 g.
 = 0.45359 kg.

1000 = 55.2740 1000 = 22.0462 gms

Equivalent in Litres	4.54	9.09	13.63	18.18	22.73	27.27	31.82	36.36	40.9	45.46	49.6	54.54	59.09	63.64
Gallons or Litres	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Equivalent in Gallons	0.22	0.44	0.66	0.88	1.1	1.32	1.54	1.76	1.98	2.20	2.42	2.64	2.86	3.08

51.55 - 0.2 19
 32.4

one pound = 453.6 g.
 = 0.45359 kg.

inches	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	7 1/4	7 1/2	7 3/4	8	8 1/4	8 1/2	8 3/4	9	9 1/4	9 1/2	9 3/4	10	10 1/4	10 1/2	10 3/4	11	11 1/4	11 1/2	11 3/4	12	12 1/4	12 1/2	12 3/4	13	13 1/4	13 1/2	13 3/4	14	14 1/4	14 1/2	14 3/4	15	15 1/4	15 1/2	15 3/4	16	16 1/4	16 1/2	16 3/4	17	17 1/4	17 1/2	17 3/4	18	18 1/4	18 1/2	18 3/4	19	19 1/4	19 1/2	19 3/4	20	20 1/4	20 1/2	20 3/4	21	21 1/4	21 1/2	21 3/4	22	22 1/4	22 1/2	22 3/4	23	23 1/4	23 1/2	23 3/4	24	24 1/4	24 1/2	24 3/4	25	25 1/4	25 1/2	25 3/4	26	26 1/4	26 1/2	26 3/4	27	27 1/4	27 1/2	27 3/4	28	28 1/4	28 1/2	28 3/4	29	29 1/4	29 1/2	29 3/4	30	30 1/4	30 1/2	30 3/4	31	31 1/4	31 1/2	31 3/4	32	32 1/4	32 1/2	32 3/4	33	33 1/4	33 1/2	33 3/4	34	34 1/4	34 1/2	34 3/4	35	35 1/4	35 1/2	35 3/4	36	36 1/4	36 1/2	36 3/4	37	37 1/4	37 1/2	37 3/4	38	38 1/4	38 1/2	38 3/4	39	39 1/4	39 1/2	39 3/4	40	40 1/4	40 1/2	40 3/4	41	41 1/4	41 1/2	41 3/4	42	42 1/4	42 1/2	42 3/4	43	43 1/4	43 1/2	43 3/4	44	44 1/4	44 1/2	44 3/4	45	45 1/4	45 1/2	45 3/4	46	46 1/4	46 1/2	46 3/4	47	47 1/4	47 1/2	47 3/4	48	48 1/4	48 1/2	48 3/4	49	49 1/4	49 1/2	49 3/4	50	50 1/4	50 1/2	50 3/4	51	51 1/4	51 1/2	51 3/4	52	52 1/4	52 1/2	52 3/4	53	53 1/4	53 1/2	53 3/4	54	54 1/4	54 1/2	54 3/4	55	55 1/4	55 1/2	55 3/4	56	56 1/4	56 1/2	56 3/4	57	57 1/4	57 1/2	57 3/4	58	58 1/4	58 1/2	58 3/4	59	59 1/4	59 1/2	59 3/4	60	60 1/4	60 1/2	60 3/4	61	61 1/4	61 1/2	61 3/4	62	62 1/4	62 1/2	62 3/4	63	63 1/4	63 1/2	63 3/4	64	64 1/4	64 1/2	64 3/4	65	65 1/4	65 1/2	65 3/4	66	66 1/4	66 1/2	66 3/4	67	67 1/4	67 1/2	67 3/4	68	68 1/4	68 1/2	68 3/4	69	69 1/4	69 1/2	69 3/4	70	70 1/4	70 1/2	70 3/4	71	71 1/4	71 1/2	71 3/4	72	72 1/4	72 1/2	72 3/4	73	73 1/4	73 1/2	73 3/4	74	74 1/4	74 1/2	74 3/4	75	75 1/4	75 1/2	75 3/4	76	76 1/4	76 1/2	76 3/4	77	77 1/4	77 1/2	77 3/4	78	78 1/4	78 1/2	78 3/4	79	79 1/4	79 1/2	79 3/4	80	80 1/4	80 1/2	80 3/4	81	81 1/4	81 1/2	81 3/4	82	82 1/4	82 1/2	82 3/4	83	83 1/4	83 1/2	83 3/4	84	84 1/4	84 1/2	84 3/4	85	85 1/4	85 1/2	85 3/4	86	86 1/4	86 1/2	86 3/4	87	87 1/4	87 1/2	87 3/4	88	88 1/4	88 1/2	88 3/4	89	89 1/4	89 1/2	89 3/4	90	90 1/4	90 1/2	90 3/4	91	91 1/4	91 1/2	91 3/4	92	92 1/4	92 1/2	92 3/4	93	93 1/4	93 1/2	93 3/4	94	94 1/4	94 1/2	94 3/4	95	95 1/4	95 1/2	95 3/4	96	96 1/4	96 1/2	96 3/4	97	97 1/4	97 1/2	97 3/4	98	98 1/4	98 1/2	98 3/4	99	99 1/4	99 1/2	99 3/4	100	100 1/4	100 1/2	100 3/4	101	101 1/4	101 1/2	101 3/4	102	102 1/4	102 1/2	102 3/4	103	103 1/4	103 1/2	103 3/4	104	104 1/4	104 1/2	104 3/4	105	105 1/4	105 1/2	105 3/4	106	106 1/4	106 1/2	106 3/4	107	107 1/4	107 1/2	107 3/4	108	108 1/4	108 1/2	108 3/4	109	109 1/4	109 1/2	109 3/4	110	110 1/4	110 1/2	110 3/4	111	111 1/4	111 1/2	111 3/4	112	112 1/4	112 1/2	112 3/4	113	113 1/4	113 1/2	113 3/4	114	114 1/4	114 1/2	114 3/4	115	115 1/4	115 1/2	115 3/4	116	116 1/4	116 1/2	116 3/4	117	117 1/4	117 1/2	117 3/4	118	118 1/4	118 1/2	118 3/4	119	119 1/4	119 1/2	119 3/4	120	120 1/4	120 1/2	120 3/4	121	121 1/4	121 1/2	121 3/4	122	122 1/4	122 1/2	122 3/4	123	123 1/4	123 1/2	123 3/4	124	124 1/4	124 1/2	124 3/4	125	125 1/4	125 1/2	125 3/4	126	126 1/4	126 1/2	126 3/4	127	127 1/4	127 1/2	127 3/4	128	128 1/4	128 1/2	128 3/4	129	129 1/4	129 1/2	129 3/4	130	130 1/4	130 1/2	130 3/4	131	131 1/4	131 1/2	131 3/4	132	132 1/4	132 1/2	132 3/4	133	133 1/4	133 1/2	133 3/4	134	134 1/4	134 1/2	134 3/4	135	135 1/4	135 1/2	135 3/4	136	136 1/4	136 1/2	136 3/4	137	137 1/4	137 1/2	137 3/4	138	138 1/4	138 1/2	138 3/4	139	139 1/4	139 1/2	139 3/4	140	140 1/4	140 1/2	140 3/4	141	141 1/4	141 1/2	141 3/4	142	142 1/4	142 1/2	142 3/4	143	143 1/4	143 1/2	143 3/4	144	144 1/4	144 1/2	144 3/4	145	145 1/4	145 1/2	145 3/4	146	146 1/4	146 1/2	146 3/4	147	147 1/4	147 1/2	147 3/4	148	148 1/4	148 1/2	148 3/4	149	149 1/4	149 1/2	149 3/4	150	150 1/4	150 1/2	150 3/4	151	151 1/4	151 1/2	151 3/4	152	152 1/4	152 1/2	152 3/4	153	153 1/4	153 1/2	153 3/4	154	154 1/4	154 1/2	154 3/4	155	155 1/4	155 1/2	155 3/4	156	156 1/4	156 1/2	156 3/4	157	157 1/4	157 1/2	157 3/4	158	158 1/4	158 1/2	158 3/4	159	159 1/4	159 1/2	159 3/4	160	160 1/4	160 1/2	160 3/4	161	161 1/4	161 1/2	161 3/4	162	162 1/4	162 1/2	162 3/4	163	163 1/4	163 1/2	163 3/4	164	164 1/4	164 1/2	164 3/4	165	165 1/4	165 1/2	165 3/4	166	166 1/4	166 1/2	166 3/4	167
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2—CYCLE ACCESSORY WEIGHTS COMPARISON TABLES

ARE YOU WEIGHT CONSCIOUS?

Certainly if you are 10 lbs overweight you would soon be conscious of this because of your poor physical performance. The same observation could apply to your cycle. Surplus weight is cycling's greatest enemy and you should take every opportunity therefore to use the lightest equipment possible, bearing in mind always reasonable safety limits. Obviously some accessories, i.e. cranks, rims, handlebar stems, etc. should be selected more carefully than those "dead weight" fittings that are not in actual work. The following table of weight comparisons is only approximate and is offered solely as a guide and not as a recommendation to always use the lightest fittings. Quality and design must be taken into account and we suggest you read our recommendations in the Advice Section on Choice of Equipment.

BRAKES (Centre-Pull)

Make	BALILLA 61	UNIVERSAL 61	ZEUS ALFA	ZEUS SUPER ALFA
Ozs.	31	32	29	29½
Grams	877	908	821	835

BRAKES (Side-Pull)

Make	BALILLA 59	G. B. SPRITE	WEINMANN 730	UNIVERSAL 51
Ozs.	19	21	20	24½
Grams	538	594	566	694

BRAKE CABLE CLIPS (Top Tube—Set of 3)

Make	CAMPAGNOLO	REG 751	MILREMO
Ozs.	½	½	½
Grams	15	15	7

CRANK SETS

Single

Make	ZEUS PISTA	T.A. PROFF. 205 RING	CAMPAGNOLO 1050	T.A. PROFF. P.1755 RING
Ozs.	27	27	36	30½
Grams	764	764	1020	866

CRANK SETS

Double (with rings—sizes up to 52T)

Make	CAMPAGNOLO 1049	T.A. 1700 with 2205 Rings	T.A. 1700 with 2175 Adp. Set	T.A. PROFF. 3-Pin Set	ZEUS COMPETITION DOUBLE	ZEUS CRITERIUM DOUBLE
Ozs.	36	30	32	33	32	31½
Grams	1020	852	908	936	908	894

CYCLOMETERS

Make	LUCAS	MATEX
Oz	2½	1½
Grams	71	36

CHAINS

Make	COVENTRY ½	IRIS ½	REGINA ¾	RENOLDS ¾
Ozs.	14½	14½	13½	13½
Grams	417	417	382	382

DYNAMO SETS (Less Rear Lamp)

Make	MILLER 533	MILLER 535	MILLER 536	MILREMO Comet	RINDER 364	RINDER 564	SILUMA Sport	SILUMA Sport-Twin	JOS 504-CV
Ozs.	19	20½	22½	17	18½	16½	23	25	10½
Grams	538	580	636	482	524	408	650	708	297

N.B. REAR LAMP ADDITIONAL—2 ozs. (56 Grams)

FREEWHEELS

Make	MILREMO Alpine 5 SP	MILREMO Alpine 6 SP	MILREMO All Star 5 SP	REGINA 5 SP	CYCLO 6 SP
Ozs.	12	12½	11½	12½	13
Grams	340	361	332	347	368

GEARS (DERAILEUR)

Front Changers (Mechanisms only)

Make	HURET 600	HURET 700	CAMPAGNOLO Valentino	CAMPAGNOLO Record	TRIPLEX 70	TRIPLEX Sport	ZEUS 69	ZEUS Extra
Ozs.	5½	5½	4½	4	5½	5½	4½	4½
Grams	156	156	128	113	156	156	126	130

Rear Gears (with lever, etc.)

Make	CAMPAG Valentino	CAMPAG Record	CAMPAG Nuovo Record	HURET 1900 Allvit	HURET 2000 Svelto	HURET 2060 De-Luxe	TRIPLEX Extra	TRIPLEX Sport	TRIPLEX Super	ZEUS Alfa	ZEUS 69
Ozs.	11	16½	12½	14½	11½	13½	14	16½	14	11½	14½
Grams	311	461	354	410	326	382	396	461	396	326	403

GEAR ENSEMBLES (With lever, etc.)

Make	CAMPAG Valentino	CAMPAG Record	CAMPAG Nuovo Record	TRIPLEX Extra	TRIPLEX Sport	TRIPLEX Super	ZEUS Alfa	ZEUS CRITERIUM 69	TRIPLEX Sport Dural
Ozs.	19½	24½	20½	21½	24½	22	17	21	20
Grams	552	687	573	608	687	622	482	594	566

HANDLEBARS (See details of Dimensions for Full Range of Weights)

Make	CINELLI Giro Steel	CINELLI Giro Alloy	G.B. Ventoux	MILREMO Franco Belge	MILREMO Renforce	T.T.T. Anquetil	TITAN Maes-Kint
Ozs.	18½	11½	11	9½	10½	12½	12½
Grams	524	326	311	269	297	354	354

HANDLEBAR STEMS

Make	CINELLI 1A Alloy	CINELLI No. 1 Road Steel	G.B. Alloy Std.	MILREMO Sport	MILREMO Grand Sport	MILREMO Tourist	T.T.T. Gran Prix	COMPE 45 Alloy	COMPE 85 Alloy
Ozs.	10-11½	12-14	10-11½	9½	10	8½	9-12½	10½	11½
Grams	283-333	340-396	283-326	262	283	249	255-354	305	319

HANDLEBAR AND STEM SETS

Make	TITAN with Alloy Bars Steel Stem	T.T.T. Coppi Alloy Bar and Stem	T.T.T. Anquetil Alloy Bar and Stem	MILREMO Renforce Bar Grand Sport Stem	T.T.T. Record Bar on Record Stem
Ozs.	26	21½-25	21½-25	20½	16-20
Grams	736	608-708	608-708	580	454-566

HEADSETS

Make	CAMPAGNOLO 1040 Track	CAMPAGNOLO 1039 Road	LIGHTRACE Course	MILREMO Standard	MILREMO De-Luxe	ZEUS Gran Sport
Ozs.	6½	8	5½	6	5½	7
Grams	184	227	156	170	156	198

HUBS (Small Flange)

Make	CAMPAGNOLO QR Nuovo Tipo	CAMPAGNOLO QR Record	MILREMO Champion	MILREMO QR Super Champion	ZEUS QR Gran Sport
Ozs.	18	19	15½	20½	18½
Grams	510	538	440	572	530

HUBS (Large Flange)

Make	CAMPAG QR Nuovo Tipo	CAMPAG QR Record	MILREMO Sport	MILREMO QR Super Sport	MILREMO QR Super Competition
Ozs.	20½	20½	17	20½	22
Grams	573	573	482	586	615

HUBS Large Flange continued

ZEUS Gigante	ZEUS Pista	CAMPAG Pista
21	19½	19½
594	559	559

PUMP CUPS

Make	CAMPAG 632	REG 376S	ZEUS Porta Bomba
Ozs.	¾	¾	½
Grams	21	21	15

PUMPS

Make	BLUEMELS Popular 18	MILREMO Club 18	MILREMO 510	MILREMO 512	REG 8	REG 8CP
Ozs.	5	5	4½	5	5	5½
Grams	142	142	128	142	142	156

PUMP ADAPTORS

Make	BATAM	CAMPAG 1030	CAMPAG 1030/2	MILREMO Belloni	ZEUS
Ozs.	¾	1½	1½	¾	½
Grams	21	49	42	21	7

PUMP CLIPS (Per Pair)

Make	CAMPAG 648	LETUCE Le Rapid	REG 376	TERRYS	MILREMO Tenez
Ozs.	1	1	1½	2	1
Grams	28	28	42	56	28

PEDALS

Make	CAMPAG 1038	CAMPAG 1037	LYOTARD 23	LYOTARD 45TER	MILREMO Champion	MILREMO Super Competition	ZEUS Track	ZEUS Road
Ozs.	15	16	13	11	11	12½	14	15½
Grams	426	454	368	311	311	361	396	447

SADDLES (With Clip)

Make	BROOKS B17 Std.	BROOKS B17 Narrow	BROOKS Pro	IDEALE 90IR	IDEALE 80 Record	MILREMO Seamless Plastic	MILREMO De-Luxe Plastic
Ozs.	28	28	23	17½	24	17½	18½
Grams	792	792	648	496	679	496	524

SADDLES (Less Clip)

Make	IDEALE 90SC	MILREMO Plastic	BROOKS Pro	UNICA Std.	UNICA Campione	UNICA Quilted	UNICA T. de F.
Ozs.	17	12	20	11	11½	12½	14½
Grams	482	340	566	511	325	354	429

SEAT PINS

Make	CAMPAG 1044	GIAN ROBERT	UNICA 1963	ZEUS 2-wire	ZEUS Ideale
Ozs.	11¼	11½	10	10¾	10
Grams	318	326	283	302	283

RIMS H.P. (Pairs)

Make	DUNLOP	FIAMME	MILREMO Club	MILREMO Super Champion	WEINMANN Alesa
Ozs.	40	34	36	35½	37
Grams	1132	964	1020	1006	1048

RIMS—SPRINT (Wood insert—Pairs)

Make	MILREMO Weltmeister	MILREMO Record
Ozs.	15	20
Grams	426	566

RIMS—SPRINT (Hollow)

Make	FIAMME Road	FIAMME Track	MAVIC Monthery	MAVIC Piste	MILREMO Corsa	MILREMO Giro
Ozs.	25	22	24	26	23	26
Grams	708	622	679	736	650	736

1 ozs = 28.3 grams.

3—DETAILS OF DIMENSIONS
(a) BRITISH THREAD DIMENSIONS

	HUB AXLE		Pedal Axle	Headset	Bracket Cups	Hub Freewheel Thread
	Front	Rear				
Thread Direction	RH	RH	RH—LH	RH	Fixed—LH Adj. —RH	RH
Dimensions	$\frac{5}{16}$ " 7.93	$\frac{3}{8}$ " 9.52	$\frac{9}{16}$ " × 20F BSC	1" × 24F BSC	1-370" × 24F BSC	$\frac{1.370}{95}$ " × 24F BSC

4.25 × 1.27

1.370" × 2.47

$\frac{9}{16}$ " × 20T

(b) CONTINENTAL THREAD DIMENSIONS

	HUB AXLE		Pedal Axle	Headset	Bracket Cups	Hub Freewheel Thread
	Front	Rear				
Thread Direction	RH	RH	RH—LH	RH	RH—RH	RH
Dimensions	8 × 100	9.5 × 100	14 × 125	25 × 100	35 × 100 (French/Spanish) 36 × 24F (Italian)	34.7 × 100

FRENCH—
RFR 35 × PI
ITALIAN
36 × 24T

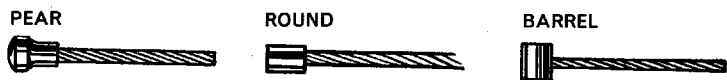
(c) INNER BRAKE AND GEAR CABLE DIMENSIONS

Make	Brake	Type of Nipple	Length	
			inches	cms
STANDARD to fit:— BALILLA—G.B.—MAFAC— PHILLIPS—UNIVERSAL— WEINMANN (144—161 lever) ZEUS	Front	Pear—Open	30	75
	Rear	Pear—Open	58	135
WEINMANN (136 lever)	Front	Barrel—Open	30	75
	Rear	Barrel—Open	58	135
TANDEM	Rear	Pear—Open	90	225
BALILLA 61	Straddle	Barrel—Barrel	5½	13
MAFAC—Racer MAFAC—Criterium MAFAC—Tiger MAFAC—Top 63 UNIVERSAL 61 WEINMANN 999 ZEUS—Alfa ZEUS—Super Alfa	Straddle	Round—Open	7½	18
	Straddle	Round—Open	13	33
	Straddle	Round—Pear	7	16
	Straddle	Pear—Pear	10	25
	Straddle	Barrel—Barrel	4	10
	Straddle	Barrel—Barrel	5½	14
	Straddle	Round—Open	7½	19
Straddle	Barrel—Barrel	3¾	9	

(c) INNER BRAKE AND GEAR CABLE DIMENSIONS *continued*

Make	Gear	Type of Nipple	Length	
			inches	cms
CAMPAGNOLO— GIAN ROBERT—TRIPLEX— ZEUS	DT—FC	Round—Open	28	70
	DT—RG	Round—Open	48	120
	HB—FC	Round—Open	64	160
	HB—RG	Round—Open	90	225
HURET—SIMPLEX	DT—FG	Barrel—Open	28	70
	DT—RG	Barrel—Open	48	120
	HB—FC	Barrel—Open	64	160
	HB—RG	Barrel—Open	90	225
BENELUX	DT—FC	Barrel—Open	28	70
	DT—RG	Barrel—Open	55	128

KEY: DT = Down Tube; HB = Handlebar; FC = Front Changer; RG = Rear Gear



(d) BRACKET AXLE DIMENSIONS

Make	Model	Axle Ref. No.	Axle Code No.	Type	Total Length	Axle			
						L.H.	Centre	R.H.	
CAMPAGNOLO	Record	744	68-P-110	S/C.L.	105	25.5	53	26.5	
	Record	744	70-P-120	S/C.L.	109	27	55	27	
	Record	744	68-SS-120	D/C.L.	112	28	53	31	
	Record	744	70-SS-120	D/C.L.	113	28	55	30	
	Record	744	74-SS-120	D/C.L.	117	28	59	30	
	Nuovo-Record	744A	68-SS-120	D/C.L.	112	28	53	31	
LIGHTRACE	G.M.A.	—	—	S/C	127	34	55	38	
	G.M.A.	—	—	D/C	132	34	55	43	
MILREMO	Super Comp.	—	—	S/C	132	37	54	41	
	Super Comp.	—	—	D/C	136	37	54	45	
	Lelege	—	—	S/C	127	34	55	38	
STRONGLIGHT	34	34/127	264	S/C	127	33.5	55	38.5	
	34	34/132	265	D/C	132	33.5	55	42.5	
	49D	32.C	270	S/C.L.	113	27.5	55	30.5	
	49D	97	271	D/C.L.	117	28.5	55	33.5	
	49D	32.RN	272	D/C.L.	120	28.5	55	36.5	
	49D	T.R.I.	274	TR/C.L.	125.5	28.5	55	42	
	49D	T.13	275	TA/C.L.	130	36	55	39	
	T.A.	Professional	P314	—	S/C.L.	116	30	54	32
		Professional	344	—	D/C.L.	119	30	54	35
		Professional	374	—	TR/C.L.	123	30	54	39
Criterion		P315	—	S/C	129	36	54	39	
Criterion		345	—	D/C	133	37	54	42	
T.W.F.	Superlite	—	—	S/C	127	32	55	40	
	Superlite	—	—	D/C	132	33	55	44	
ZEUS	Gran Sport	311	—	S/C	127	32	55	40	
	Gran Sport	311	—	D/C	134	32	55	47	
	Competition	351	—	D/C.L.	118	30	55	33	
	Criterion E	350	—	S/C.L.	109	30	55	24	
	Criterion E	351	—	D/C.L.	118	30	55	33	
	Criterion E	355	—	TR/C.L.	123	30	55	38	
	Criterion E	351	—	CY/C.L.	118	30	55	33	
	Criterion E	351	—	CY/C.L.	118	30	55	33	



Code: S = Single
D = Double
TA = Tandem
TR = Triple
CY = Cyclo-Cross
C = Cottered
CL = Cotterless

(e) HANDLEBAR DIMENSIONS AND WEIGHTS

Make	Model	Recommended Use	Material	Approx. Weight in ozs.	A		B		C	
					Forward Reach mm	Drop mm	Width mm	Drop mm		
CINELLI	Pista 14	Track	Steel	22½	150	178	380	178		
	Madison 18	Track	Steel	22½	114	171	368	171		
	Madison 19	Track	Steel	22½	102	165	380	165		
	Corsa Strada 17	Road	Steel	18	89	152	380	152		
	Giro d'Italia 17D	Road	Steel	18½	121	140	380	140		
	Campione 16	Road	Steel	19½	89	148	380	148		
	Tour of Brit 15	Road	Steel	18	89	158	393	158		
	Giro d'Italia 63	Road	Alloy	11½	121	140	380	140		
	Campione 64	Road	Alloy	12	90	160	380	160		
	Criterion 65	Road	Alloy	11	90	148	390	148		
G.B.	Ventoux	Road	Alloy	11	102	154	406	154		
	Tourmalet	Road	Alloy	10½	102	140	406	140		
	Maes	Road	Alloy	11½	89	138	380	138		
	Touring	Touring	Alloy	11½	102	102	393	102		
	Olympic	Touring	Alloy	11	121	138	380	138		
MILREMO	Comfort	Touring	Alloy	11	76	38	500	38		
	All Rounder	Touring	Alloy	10	45	33	532	33		
	Renforce	Road	Alloy	10½	104	147	393	147		
	Olympic	Road	Alloy	10½	95	165	413	165		
	Franco Belge	Road	Alloy	9½	135	140	363	140		
TITAN	Randonneur	Touring	Alloy	10½	114	114	406	114		
	Magne	Road	Alloy	10½	114	152	390	152		
T.T.T.	*Maes/Kint Pista	Road	Alloy	12½	120	150	350-420	150		
	†Franco Belga	Track	Steel	21½	81	163	381	163		
T.T.T.	‡Bobet	Road	Alloy	12	125	170	400-430	170		
	Anquetil	Road	Alloy	13	128	165	400-420	165		
	De Filippis	Track	Alloy	12½	125	160	410	160		
	Coppi	Road	Alloy	13	90	145	400	145		
T.T.T.	Pista	Track	Alloy	12¼	115	195	420	195		
	Pista	Track	Alloy	13¼	125	210	370	210		

† Available 4 widths; § Available 3 widths; * Available 5 widths.

(a) HANDLEBAR STEM AVAILABILITY

MAKE and MODEL	FORWARD LENGTHS AVAILABLE * See Conversion Table for inches comparison																		
	Cms	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	10	10.5	11	12	13	14	15
ATAX PR.60 dural					X														
CINELLI I/A dural										X	X	X		X	X	X	X		
Road 1 plain						X	X	X	X	X	X		X	X	X	X			
Road 1 badged							X	X	X	X		X	X	X	X				
Track 2 plain											X	X	X	X	X				
Track 2 badged											X	X	X	X	X				
Stayer 4 badged												X	X	X	X	X	X		
G.B. Standard								X					X						
Metric							X			X		X							
MILREMO Tourist				X															
Sport							X			X									
Grand Sport						X		X	X		X								
TITAN Standard	X	X	X		X	X	X	X	X	X	X	X	X	X	X				
Avion			X		X	X	X	X	X	X	X	X	X	X					
Curved					X	X	X	X	X	X	X	X	X						
Track											X	X	X	X	X	X			
T.T.T. Touriste										X			X						
Gran Prix							X	X	X	X	X	X	X	X	X				
Record						X	X	X				X	also 9.5, 11.5 and 12.5						

(b) MULTIPLE FREEWHEEL SPROCKET AVAILABILITY TABLE

Make	Model	Speeds	1st	2nd	3rd	4th	5th	6th
CYCLO	BEF	3	13-16	15-18	17-28	—	—	—
	BEFE	4	13-16	16-20	18-28	19-28	—	—
	BEFC	5	13-16	16-20	17-20	18-28	19-28	—
MILREMO	All Star	3	14-16	16-20	17-22	—	—	—
	All Star	5	13-16	14-18	16-20	17-30	18-30	—
	Alpine	5	13-17	15-16	17-30	18-30	18-30	—
	Alpine	6	13-17	15-16	17-30	18-30	19-30	20-30
REGINA	Gran Sport	5	13-16	14-16	16-20	17-31	18-31	—
	Gran Sport	6	13-14	14-16	15-16	16-20	17-31	18-31

The sprocket range available in each speed is shown in the appropriate column above.

(c) CRANK LENGTHS AND CHAINWHEEL SIZES

MAKE and MODEL	Crank to Chainwheel Attachment	CRANKS LENGTHS AVAILABLE IN m/ms. (See Conversion Table for equivalent in inches)										Available Chainwheel Size				
		3-Pin	5-Pin	160	162.5	165	167.5	170	172.5	175	177.5	180	Min.	Max.		
T.A. Crank 1963	X	—	X	X	X	X	X	X	X	X	X	X	X	X	36	68
1690	—	X	X	X	X	X	X	X	X	X	X	X	X	X	26	68
1500	—	X	X	X	X	X	X	X	X	X	X	X	X	X	26	68
Chainwheels Prof. Criterium Randonneur Cycle Tourist	X	X													43	68
	X	X													43	68
	X	X													36	68
	—	X													26	68
ZEUS Criterium Competicion	—	X						X	X	X	X				36	54
	—	X						X	X	X	X				43	54
CAMPAGNOLO Strada (latest model after mid 1967)	—	X			X	X	X	X	X	X	X	X	X	X	42	57
MILREMO 30	X	—			X			X		X		X			44	54 †
33 and 333	X	—						X		X		X			44	54 †
55	—	X						X		X		X			36	54 †
50 and 555	—	X			X			X		X		X			36	54 †
STRONGLIGHT 49D	—	X			X			X		X		X			26	68 *
WILLIAMS AB.77 5-pin models	—	X			X			X		X		X			44	60 †
	—	X			X			X		X		X			26	68 *

* Using T.A. Chainwheels; † will take T.A. Chainwheels

INTERCHANGEABILITY OF CHAINWHEELS

The following makes of cranks have interchangeable chainwheels.

3-pin Pattern

CINELLI — DUPRAT — DURAX — GNUTTI — HURET — MAGISTRONI — MILREMO — NERVAR — SOLIDA — (STRONGLIGHT — (T.A. (SIMPLEX and ZEUS 3-pin chrome chainwheels will also fit).

5-pin Pattern

CINELLI — DUPRAT — DURAX — GNUTTI — HURET — MILREMO — NERVAR — SIMPLEX — SOLIDA — STRONGLIGHT — T.A. — WILLIAMS.

Exceptions

STRONGLIGHT types 57 and 63 are not interchangeable with other makes.

CAMPAGNOLO chainwheels are not interchangeable with other makes (except pre mid-1967 models which will fit to WILLIAMS 5-pin adaptors—minimum number of teeth—44).

ZEUS Competicion and Criterium (E) are not interchangeable either with themselves or with other makes.

WILLIAMS 3-pin types are not interchangeable except with **NICKLIN**.

CHATER LEA are not interchangeable with other makes.

(a) RECOMMENDATION TABLE FOR CYCLE DYNAMO BULBS

Make	Model	Headlamp		Pilot Lamp		Rear Lamp	
		Volts	Amps	Volts	Amps	Volts	Amps
JOS	T.C.	6	0.4	—	—	6	0.1
	U.C.	6	0.5	—	—	6	0.1
	X.A.	6	0.5	—	—	6	0.1
MILLER	533	6	0.5	—	—	6	0.1
	535	6	0.5	6	0.5	6	0.1
	536	6	0.5	6	0.5	6	0.1
MILREMO	Comet	6	0.5	—	—	6	0.1
RINDER	364	6	0.5	6	0.5	6	0.1
	564	6	0.5	—	—	6	0.1
	64S Combi	6	0.5	—	—	6	0.1
SILUMA	Sport	6	0.4	—	—	6	0.1
	Sport Twin	6	0.4	6	0.4	6	0.1
	Combi	6	0.4	—	—	6	0.1
STURMEY ARCHER	GH. 6	6	0.25	—	—	6	0.2

NOTE: MILLER Rear Lamp Bulbs Ref. 276 are Pre-focus.

(b) RECOMMENDATION TABLE FOR PEDAL AXLES AND DUST CAPS

Pedal Axle Ref.	Fits the Models listed below	Make
LD/SP/10	15S—460A—46—15B—460—15S/TF	LYOTARD
LD/SP/11	38	
LD/SP/12	Fauchaux	
LD/SP/13	45—23—45CA—45TER—23TF	
LD/SP/14	240	
LD/SP/15	23TF/L	
LD/SP/16	45CA/L	
LD/SP/17	45TER/L	
LD/SP/18	460/L	MILREMO
MO/SP/10	Sport	
MO/SP/11	Cadet	
MO/SP/12	Club	
MO/SP/3520	Champion—Super Champion	
MO/SP/3590	Super Competition	LYOTARD
Dust Cap Ref.	All LYOTARD models except 45TER	
LD/SP/30		
LD/SP/31	45TER—45TER/L	
MO/SP/20	Club—Cadet—Sport	
MO/SP/3516	Champion—Super Champion	
MO/SP/3517	Super Competition	

TABLE OF RECOMMENDATIONS FOR TUBULAR TYRES

MAKE and MODEL	WEIGHT		TRACK EVENTS			TIME TRIALS				MASSED START EVENT:						
	Oz.	Grammes	Tread	Wood	Con-crete	Grass	25-50 Miles	50-100 Miles	12 Hours	24 Hours	Club Events	Training	Cyclo Cross	Short Distance	Medium Distance	Multi Stage
CONTINENTAL																
Indoor 24"	10½	335	S	X												
Cement 24"	10½	335	MT		X											
Wood Track	6	165	S	X												
Road	6½	175	MT			X										
Road	11½	320	R				X									
Cement Track	7	200	MT		X											
Road	19	540	F								X					
LASWISS																
Training	12½	350	MX							X	X					
Debutant	10	280	MX				X	X		X						
Velocita	9½	275	R			X							X			
MILREMO																
Mondiale	10	280/300	R				X	X		X				X		X
Kermesse	12	340/360	MX							X						
Sportivo	16	450/460	MX								X					
Cadetti	11½	330/340	MX									X				
Specialissimo	10½	290/300	R				X	X		X						
Normal Cross	13½	380/400	C										X			
Special Sport	10	280/300	R				X	X		X						
Record	7	200/220	R				X	X		X						
Invulnerable	9	260/280	MX				X	X		X						X
Criterion—Cotton	6½	180/190	MT	X			X	X		X				X		
Criterion—Silk	6½	180/190	MT		X		X	X		X				X		

8—CURRENCY CONVERSION TABLES

The following information is to enable our Overseas clients to easily convert the £s.d. prices into their own currency.

(1) First convert the £s.d. price into the decimal equivalent of the £ sterling by using the equivalent shown in TABLE "A" below

s/d	Equivalent in decimals	s/d	Equivalent in decimals	s/d	Equivalent in decimals	s/d	Equivalent in decimals	s/d	Equivalent in decimals
0	0-0000	3/-	0-1500	8/-	0-4000	13/-	0-6500	18/-	0-9000
1	0-0042	3/3	0-1625	8/3	0-4125	13/3	0-6625	18/3	0-9125
2	0-0083	3/6	0-1750	8/6	0-4250	13/6	0-6750	18/6	0-9250
3	0-0125	3/9	0-1875	8/9	0-4375	13/9	0-6875	18/9	0-9375
4	0-0166	4/-	0-2000	9/-	0-4500	14/-	0-700	19/-	0-9500
5	0-0208	4/3	0-2125	9/3	0-4625	14/3	0-7125	19/3	0-9625
6	0-0250	4/6	0-2250	9/6	0-4750	14/6	0-7250	19/6	0-9750
7	0-0292	4/9	0-2735	9/9	0-4875	14/9	0-7375	19/9	0-9875
8	0-0333	5/-	0-2500	10/-	0-5000	15/-	0-7500	20/-	} 1-0000
9	0-0375	5/3	0-2625	10/3	0-5125	15/3	0-7625	£1	
10	0-0416	5/6	0-2750	10/6	0-5250	15/6	0-7750		
11	0-0458	5/9	0-2875	10/9	0-5375	15/9	0-7875		
1/-	0-0500	6/-	0-3000	11/-	0-5500	16/-	0-8000		
1/3	0-0625	6/3	0-3125	11/3	0-5625	16/3	0-8125		
1/6	0-0750	6/6	0-3250	11/6	0-5750	16/6	0-8250		
1/9	0-0875	6/9	0-3375	11/9	0-5875	16/9	0-8375		
2/-	0-1000	7/-	0-3500	12/-	0-6000	17/-	0-8500		
2/3	0-1125	7/3	0-3625	12/3	0-6125	17/3	0-8625		
2/6	0-1250	7/6	0-3750	12/6	0-6250	17/6	0-8750		
2/9	0-1375	7/9	0-3875	12/9	0-6375	17/9	0-8875		

NOTE: £ = Pound sterling; s = shilling (20s = £1); d = pence (12d = 1s)

(2) Multiply the £ decimal figure by the equivalent (in column 3) of £1 sterling as shown in TABLE "B". This will convert the price into your own currency.

TABLE "B"

(1)	(2)	(3)	(1)	(2)	(3)
Country	Currency	£1 equals	Country	Currency	£1 equals
ARGENTINA	Pesos	836	NIGERIA	£ N	0-855
AUSTRALIA	\$ A	2-15	NORWAY	Kroner	17-06
AUSTRIA	Schillings	61-70	PORTUGAL	Escudos	68-20
BELGIUM	Francs	120-08	SINGAPORE	\$ S	7-36
CANADA	\$	2-58	SOUTH AFRICA	Rand	1-72
DENMARK	Kroner	18	SPAIN	Pesetas	166-85
FINLAND	Markkas	10-06	SUDAN	£ S	0-84
FRANCE	Francs	13-20	SWEDEN	Kroner	12-34
GERMANY (W)	D. Marks	9-08	SWITZERLAND	Francs	10-30
GHANA	New Cedis	2-45	TANZANIA	T. Sh.	17-11
GREECE	Drachmae	71-37	TUNISIA	Dinars	1-235
HOLLAND	Florins	8-68	TURKEY	£ T	21-60
HONG KONG	\$	14-64	UGANDA	U. Sh	17-23
ISRAEL	£ I	8-36	URUGUAY	Pesos	597
ITALY	Lire	1502	U.S.A.	\$	2-39
JAPAN	Yen	860	U.S.S.R.	Roubles	2-15
JORDAN	Dinars	0-852	VENEZUELA	Bolivares	10-76
KENYA	K. Sh	17-23	ZAMBIA	Kwacha	1-72
NEW ZEALAND	\$ N.Z.	2-15			

The preceding Rates of Exchange and equivalents are approximate and should not be relied on without prior reference to an Authorised Bank. The above rates applied 1st October, 1969.

Note: Britain will change to decimal currency on 15th February, 1971 and on that day the decimal equivalents in TABLE "A" will become New Pence. All figures before the decimal point will be £s and the first two figures after the decimal point will be New Pence: e.g. £2 15s. 6d. = £2-775 = £2-77½ NP. (£1 = 100 New Pence.)

The exception to this rule will be for amounts below the value of 1 shilling—TABLE "C" shows the appropriate equivalents of OLD pence into New Pence.

TABLE "C"

OLD PENCE before 15 FEB. 1971	½	1	2	3	4	5	6	7	8	9	10	11	12
AFTER = NEW PENCE	—	½	1	1	1½	2	2½	3	3½	4	4	4½	5

9—OVERSEAS POSTAL CHARGES

(Current at time of printing—subject to change)

COUNTRY	SURFACE POST					AIR MAIL	
	Not exceeding						
	lbs.	2	3	7	11	22	per ½ lb.
	kgs.	0-45	1-36	3-18	4-99	9-98	0-225
EUROPE							
Denmark		9/-	—	11/6	15/-	23/-	4/-
France		11/-	—	13/6	17/6	27/6	4/6
Germany		11/6	—	14/-	18/-	30/-	4/-
Gibraltar		—	12/-	15/-	19/-	29/-	4/-
Malta		—	11/-	14/6	19/-	30/6	4/6
Norway		12/6	—	15/-	19/-	29/6	4/6
Sweden		11/6	—	14/6	19/-	29/6	5/-
OUTSIDE EUROPE							
Australia		3/1 per lb. or fraction thereof (limit 22 lb.)					12/-
Barbados		—	12/6	16/6	23/-	36/6	7/-
Burma		13/6	—	17/6	24/-	39/-	7/6
Canada		—	13/-	19/6	27/-	46/-	6/-
Cyprus		13/6	—	16/6	21/6	33/-	4/6
Hong Kong		—	11/-	15/-	21/6	36/-	8/6
India		13/-	—	18/-	27/-	43/6	7/-
Jamaica		—	11/6	15/6	21/6	33/-	6/6
Kenya		12/6	—	18/-	25/-	39/-	6/-
Malaya		12/6	—	17/-	25/-	40/-	8/6
New Zealand		13/6	—	19/-	27/-	43/6	13/-
Nigeria		—	14/6	19/-	25/-	37/6	5/6
Rhodesia		11/6	—	17/-	25/-	42/6	6/6
Singapore		12/6	—	17/-	25/-	40/-	8/6
South Africa		2/7 per lb. or fraction thereof (limit 22 lb.)					7/-

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In addition to the various named contributors whose articles appear in Sections 4, 7 and 8, we acknowledge the help and advice of many of our friends in the sport and cycle trade.

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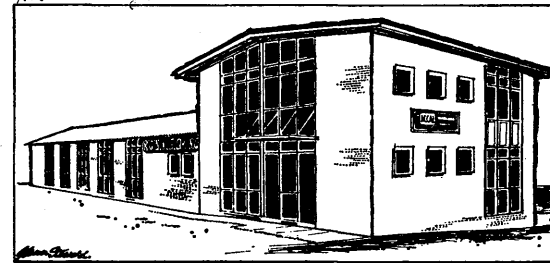
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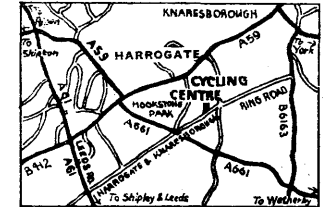
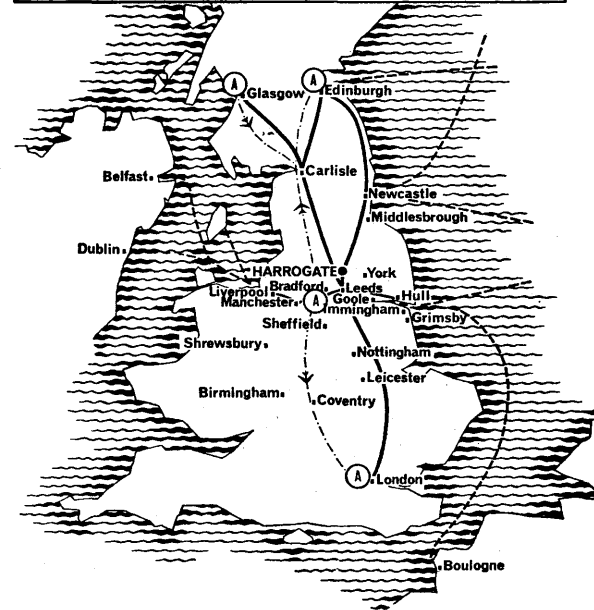


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