

DERAILLEURS

QUICK RELEASE - SEAT PILLARS - BRAZE-ON-PARTS



french and foreign patents - registered designs

founder lucien juy



LEVERS

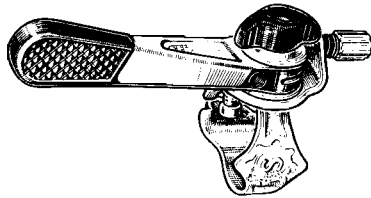


SERIE S

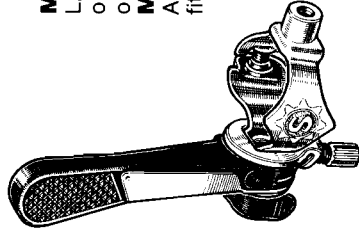


SERIE SP

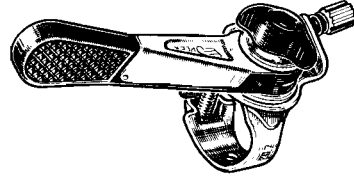
Specification : lever member Zytel[®], reinforced stainless steel, clip steel - **Operation :** adjustable friction.



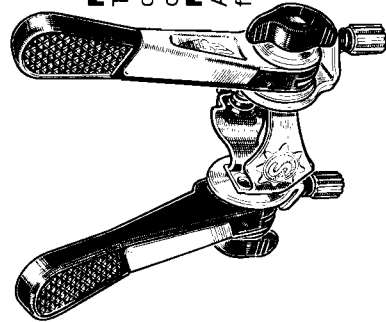
MODEL REF. S 3950
R/H clip fixing, down tube
(specify 28 or 28.6 mm).
MODEL REF. S 3953
As above 3950
down tube 25.4 mm
MODEL REF. S 2953
R/H to fit braze-on
boss 599
MODEL REF. S 2953 G
L/H to fit braze-on
boss 599



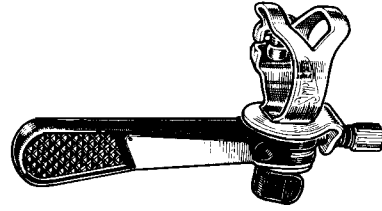
MODEL REF. S 3951
L/H lever down tube
on twin clip (specify 28
or 28.6 mm)
MODEL REF. S 3955
As above 3951
fits 25.4 mm tube



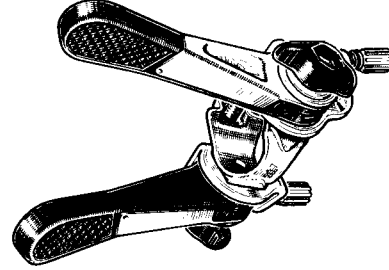
MODEL REF. SP 3510
R/H lever
clip fixing to stem 22 mm
MODEL REF. SP 3956
As above 3510
for stem 20.7 mm
MODEL REF. SP 3957
As above 3510
for stem 21.2 mm



MODEL REF. S 3952
Twin lever, clip fixing
down tube (specify 28
or 28.6 mm)
MODEL REF. S 3954
As above 3952
fits 25.4 mm tube



MODEL REF. S 2954
L/H lever down tube
on perforated clip
(specify 28 or 28.6 mm)
for use on frame with
R/H lever boss already
brazed-on

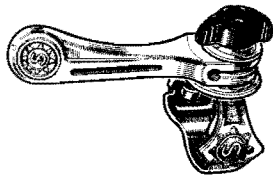


MODEL REF. SP 3511
Twin levers
clip fixing to stem 22 mm
MODEL REF. SP 3958
As above 3511
for stem 20.7 mm
MODEL REF. SP 3599
As above 3511
for stem 21.2 mm

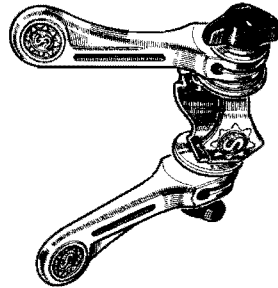


SERIE SJ

Specification : lever member light alloy
Operation : adjustable friction.



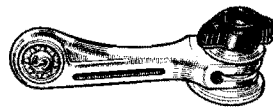
MODEL REF. SJ 6010
R/H clip fixing, down tube
(specify 28 or 28.6 mm)
Weight : 40 gr.
MODEL REF. SJ 6015
As above 6010
fits 25.4 mm tube



MODEL REF. SJ 6011
Twin lever, clip fixing
down tube (specify 28
or 28.6 mm)
Weight : 65 gr.
MODEL REF. SJ 6016
As above 6011
fits 25.4 mm tube

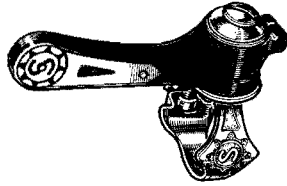
Lever to fit braze-on boss (weight 23 gr.)

MODEL REF. SJ 6013
R/H boss 599
(french frames)
MODEL REF. SJ 6014
L/H, boss 599
(french frames)
MODEL REF. SJ 6020
R/H, boss 4294
(italian frames)
MODEL REF. SJ 6021
L/H, boss 4294
(italian frames)

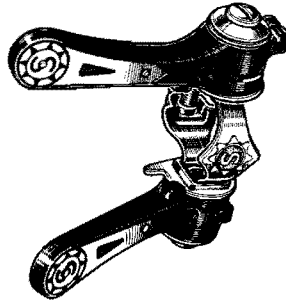


SERIE LJ

Specification : lever member Delrin[®], clip steel
Operation : retrofriction

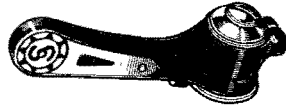


MODEL REF. LJ 4010
R/H clip fixing, down tube
(specify 28 or 28.6 mm)
Weight : 51 gr.
MODEL REF. LJ 4013
As above 4010
fits 25.4 mm tube



MODEL REF. LJ 4012
Twin lever, clip fixing
down tube (specify 28
or 28.6 mm)
Weight : 88 gr.
MODEL REF. LJ 4014
As above 4012
fits 25.4 mm tube

Lever to fit braze-on boss (weight 35 gr.)

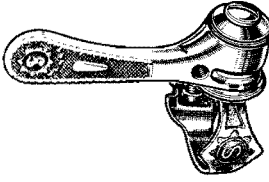


MODEL REF. LJ 4084
R/H, boss 599
(french frames)
MODEL REF. LJ 4085
L/H, boss 599
(french frames)
MODEL REF. LJ 4411
R/H, boss 4294
(italian frames)
MODEL REF. LJ 4412
L/H, boss 4294
(italian frames)

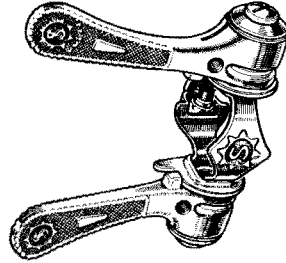


SERIE SLJ

Specification : lever member forged light alloy
anodized (silver or gold specify), clip steel
Operation : retrofriction

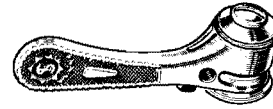


MODEL REF. SLJ 5005
R/H clip fixing, down tube
(specify 28 or 28.6 mm)
Weight : 54 gr.
MODEL REF. SLJ 3939
As above 5005
fits 25.4 mm tube



MODEL REF. SLJ 5007
Twin lever, clip fixing
down tube (specify 28
or 28.6 mm)
Weight : 94 gr.
MODEL REF. SLJ 3940
As above 5007
fits 25.4 mm tube

Lever to fit braze-on boss (weight 38 gr.)

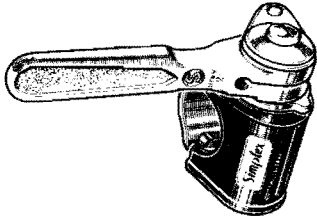


MODEL REF. SLJ 5008
R/H, boss 599
(french frames)
MODEL REF. SLJ 5009
L/H, boss 599
(french frames)
MODEL REF. SLJ 5025
R/H, boss 4294
(italian frames)
MODEL REF. SLJ 5026
L/H, boss 4294
(italian frames)

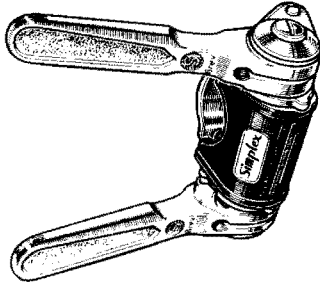


SERIE SX P

Specification : lever member light alloy, housing Deirin®
Operation : adjustable friction



MODEL REF. SX P 4189
R/H lever, stem fitting
ø 20.7 to 22 mm

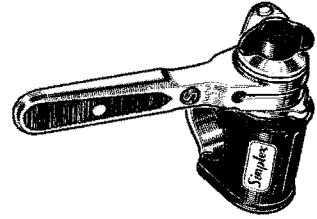


MODEL REF. SX P 4190
Twin lever, stem fitting
ø 20.7 to 22 mm

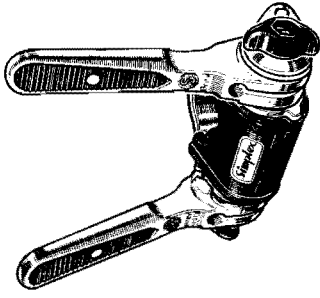


SERIE SX P-L

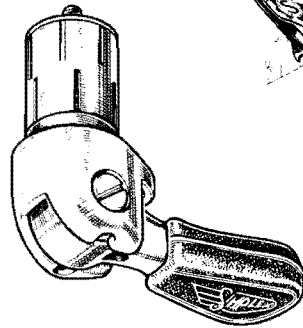
Specification : lever member light alloy, housing Deirin®
Operation : adjustable friction - clicking



MODEL REF. SX P-L 4192
Twin lever, stem fitting
ø 20.7 to 22 mm



MODEL REF. SX P-L 4191
R/H lever, stem fitting
ø 20.7 to 22 mm



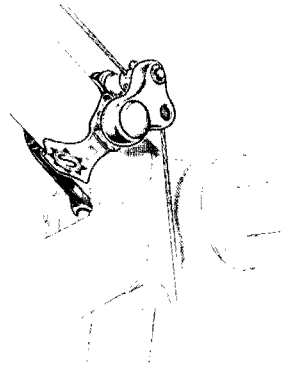
HANDLEBAR CONTROL LEVER

Specification : light alloy
Operation : retrofriction

MODEL REF. SLJ 2615
R/H fitting - (supplied with special cable and relais 3637 L)

MODEL REF. SLJ 2615 G
L/H fitting - (supplied with special cable and relais 3637 L)

MODEL REF. 3637 L
Demultiplier relais with L/H tunnel



CLIP - ON FRAME FITTINGS



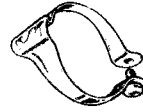
REF. 2112
Cable casing stop
ø 13 mm



REF. 3602 L
Cable casing stop
ø 28 and 28.6 mm



REF. 3604 L
Double casing stop
ø 28 and 28.6 mm



REF. 2111
Cable casing clip
ø 26 mm



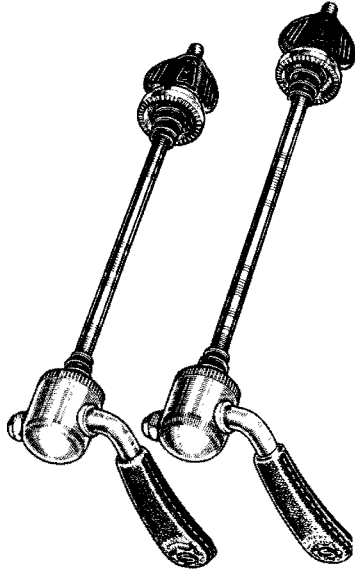
REF. 3594 L
Twin tunnel
ø 28 and 28.6 mm



REF. 3596 L
Combined tunnel casing stop
ø 28 and 28.6 mm

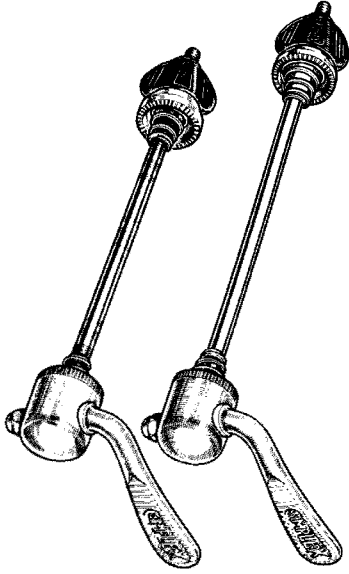


QUICK RELEASE



MODEL REF. SLJ 3607

Quick release mechanism for hollow axle \varnothing 5 mm
Covered lever, lock type adjuster
Specify : 5 or 6 speed

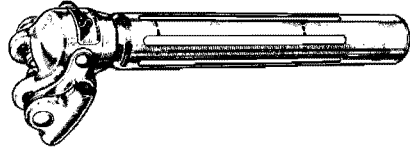


MODEL REF. SX 3607

As above, lever steel chrome plated



SEAT PILLARS



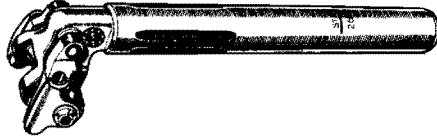
MODEL REF. SLJ 4164 (length 190 mm)

MODEL REF. SLJ 4164 A (length 240 mm)

All dural seat pillar, fluted, anodized

Weight : 196 gr. (in 190 mm - \varnothing 26.6 mm)

Available in \varnothing 25.5 - 26 - 26.2 - 26.4 - 26.6 - 26.8 - 27 - 27.2 mm



MODEL REF. SX 1500 (length 200 mm)

All dural seat pillar, fluted

Weight : 280 gr. (in \varnothing 26.6 mm)

Available in \varnothing 26 - 26.2 - 26.4 - 26.6 - 26.8 - 27 - 27.2 mm

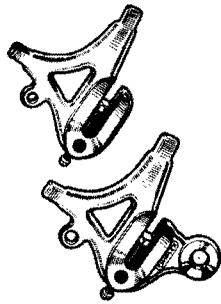


MODEL REF. 3649 A

Allen head seat bolt, high tensile steel, chrome plated
Usable length : 21 to 31.5 mm

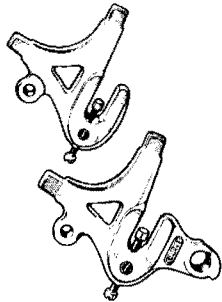


FRONT AND REAR FORK ENDS



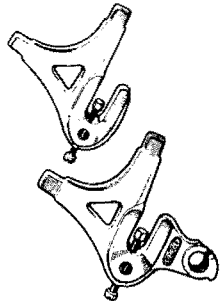
MODEL REF. 4130/4131

(for Simplex gears)
Forged and rectified, 7 mm thick



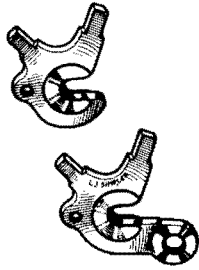
MODEL REF. 4264/4265

(for french, italian and other makes gears)
Forged and rectified, 7 mm thick



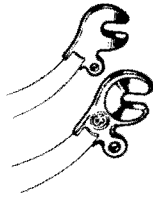
MODEL REF. 4266/4267

(for french, italian and other makes gears)
Forged and rectified, 7 mm thick



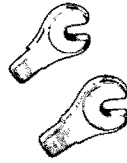
MODEL REF. 1600/1601

(for Simplex gears)
Stamped and rectified, 7 mm thick



MODEL REF. 932/933

Forged and rectified
5 mm thick

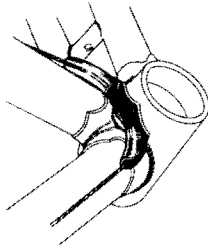


MODEL REF. 4268/4268

Forged and rectified
5.2 mm thick

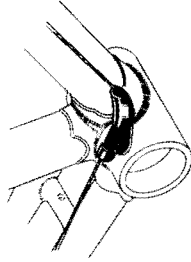
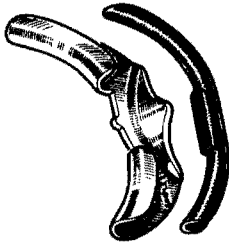


BRAZE-ON PARTS



MODEL REF. 4123

L/H braze-on tunnel with Delrin® insert
(for bare wire left hand)



MODEL REF. 4124

R/H braze-on tunnel with Delrin® insert
(for bare wire right hand)



Braze-on boss

REF. 599 (for tube ø 28 mm)
REF. 2982 (for tube ø 14 mm)

Electric weld boss

REF. 599 P (for tube ø 28 mm)
REF. 2982 P (for tube ø 14 mm)
Thread ø 5 x 100

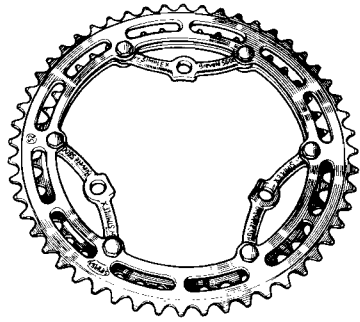


Braze-on boss

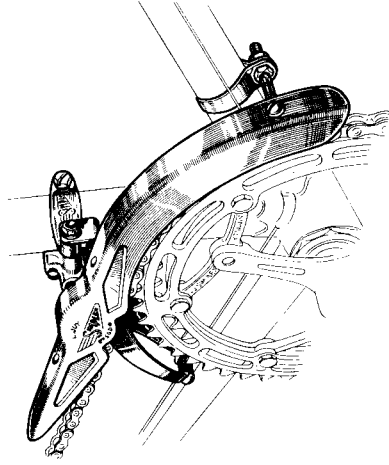
REF. 4294
(for tube ø 28 mm)
Compatible for italian levers
Thread ø 5 x 0.80



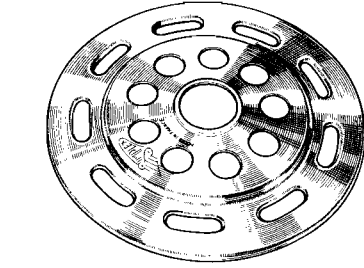
SPECIALTIES



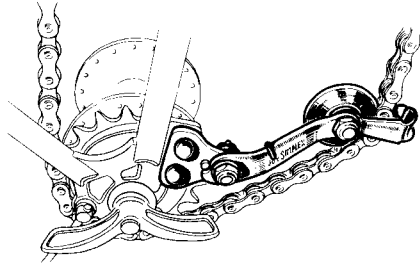
Double chainwheel: 3 arms
Fully detachable
MODEL REF. DP 210 - steel
MODEL REF. DP 211 - dural
Available : 45 to 53 teeth



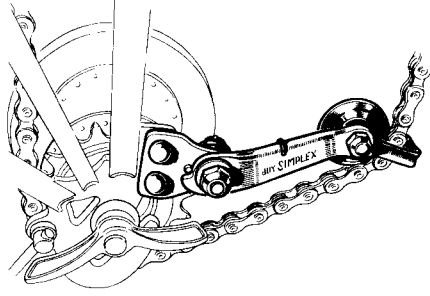
Chainguard in light alloy reinforced
Will adapt to front changers SA 02 and SA 12
MODEL REF. C1 A 50/52 - outer ring 50 to 52 teeth
MODEL REF. C1 A 46/48 - outer ring 46 to 48 teeth



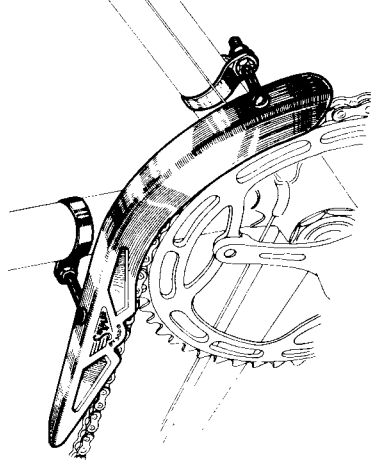
Spoke protection disk
Steel chrome plated, ø 195 mm



Spring loaded chain tensioner
MODEL REF. T 232 (small model)



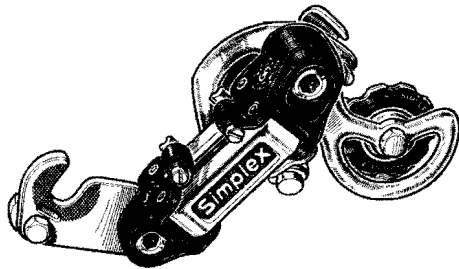
Spring loaded chain tensioner
MODEL REF. T 234 (large model)



Chainguard in light alloy reinforced
For use with single ring
MODEL REF. C2 A 46/48 - ring 46 to 48 teeth

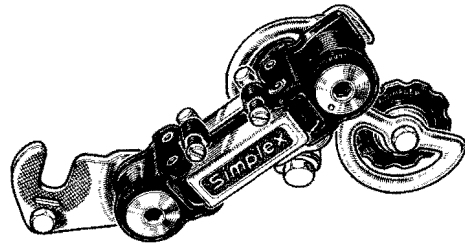


SÉRIE S



MODEL REF.	SO/P	SO/SP	SO E/P
Fits fork end	standard	with hanger	standard
Weight (grams)	246	216	246
Housing top	Delrin®	Delrin®	Delrin®
Housing bottom	Delrin®	Delrin®	Delrin®
Parallelogram arms	width 14 mm reinforced stainless steel		
Articulation top	fixed (no spring)		
Articulation bottom	spring		
Overall capacity	26 teeth	26 teeth	15 teeth
F/wheel speeds	3 to 5	3 to 5	3 to 5
Maxi sprocket	28 teeth	28 teeth	24 teeth

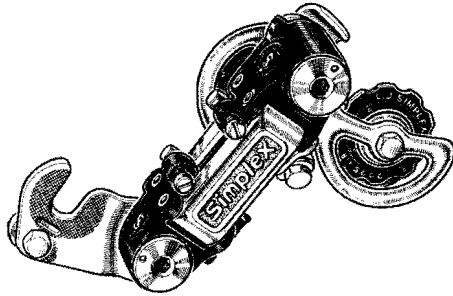
Note : model ref. SO/P8 and SO E/P8 fits standard fork ends where hub axle is Ø 8 mm.



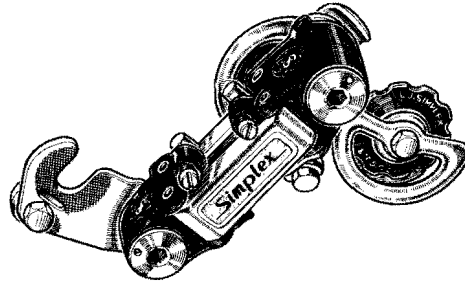
MODEL REF.	S 001 T/P	S 001 T/SP
Fits fork end	standard	with hanger
Weight (grams)	272	236
Housing top	Delrin®	Delrin®
Housing bottom	Delrin®	Delrin®
Parallelogram arms	width 14 mm reinforced stainless steel	
Articulation top	spring	
Articulation bottom	spring	
Overall capacity	30 teeth	
F/wheel speeds	3 to 7	
Maxi sprocket	30 teeth	



SÉRIE SX



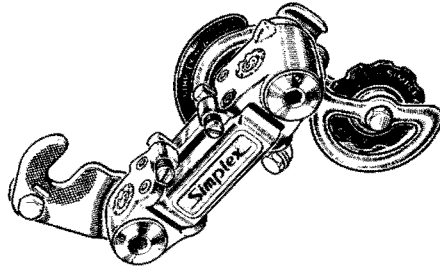
MODEL REF.	SX 100 T/P
Fits fork end	standard (only)
Weight (grams)	282
Housing top	Delrin®
Housing bottom	Delrin®
Parallelogram arms	width 16 mm reinforced stainless steel
Articulation top	spring
Articulation bottom	spring
Overall capacity	30 teeth
F/wheel speeds	3 to 7
Maxi sprocket	30 teeth



MODEL REF.	SX 110 T/P	SX 110 T/SP
Fits fork end	standard	with hanger
Weight (grams)	282	246
Housing top	Delrin®	Delrin®
Housing bottom	Delrin®	Delrin®
Parallelogram arms	width 16 mm reinforced stainless steel T/mark on gold background	
Articulation top	spring	
Articulation bottom	spring	
Overall capacity	30 teeth	
F/wheel speeds	3 to 7	
Maxi sprocket	30 teeth	



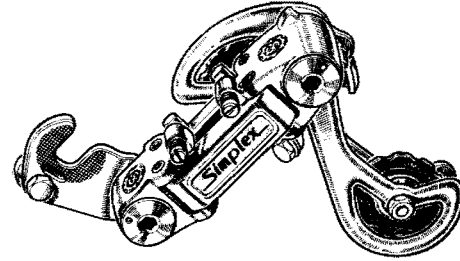
SÉRIE SX



MODEL REF.
 Fits fork end
Weight (grams) 315
Housing top light alloy
bottom light alloy
Parallelogram arms width 16 mm
 reinforced stainless
 steel T/mark on gold
 background

Articulation top spring
bottom spring

Overall capacity 30 teeth
F/wheel speeds 3 to 7
Maxi sprocket 30 teeth



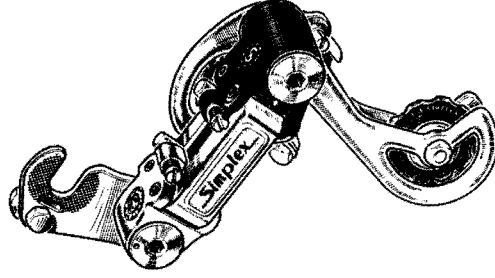
MODEL REF.
 Fits fork end
Weight (grams) 336
Housing top light alloy
bottom light alloy
Parallelogram arms width 16 mm
 reinforced stainless
 steel T/mark on gold
 background

Articulation top spring
bottom spring

Overall capacity 39 teeth
F/wheel speeds 3 to 7
Maxi sprocket 36 teeth



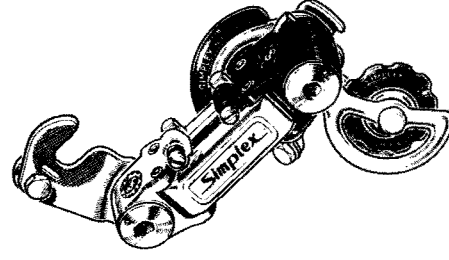
SÉRIE SJ



MODEL REF.
 Fits fork end
Weight (grams) 332
Housing top light alloy
bottom Delirin®
Parallelogram arms width 16 mm
 reinforced stainless
 steel T/mark on gold
 background

Articulation top spring
bottom spring

Overall capacity 39 teeth
F/wheel speeds 3 to 7
Maxi sprocket 36 teeth



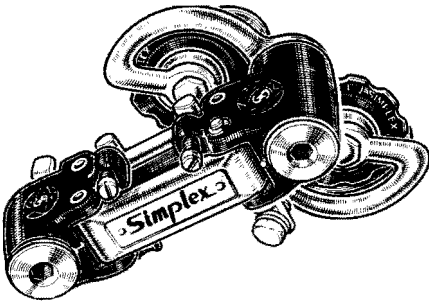
MODEL REF.
 Fits fork end
Weight (grams) 302
Housing top light alloy
bottom Delirin®
Parallelogram arms width 16 mm
 reinforced stainless
 steel T/mark on gold
 background

Articulation top spring
bottom spring

Overall capacity 30 teeth
F/wheel speeds 3 to 7
Maxi sprocket 30 teeth



SERIE LJ

**MODEL REF.**

Fits fork end
 Weight (grams) 240
 Housing top bottom
 Parallelogram arms
 Articulation top bottom
 Overall capacity
 F/wheel speeds 26 teeth
 Maxi sprocket 3 to 7
 26 teeth

LJ 1000 CP/SP

with hanger
 width 16 mm,
 in light alloy T/mark
 on gold background
 spring
 spring
 26 teeth
 3 to 7
 26 teeth

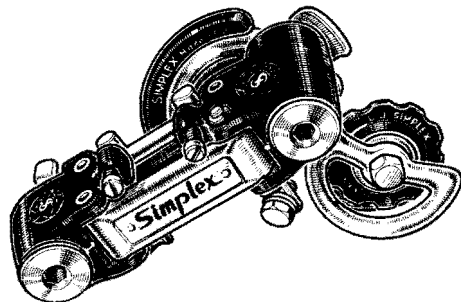
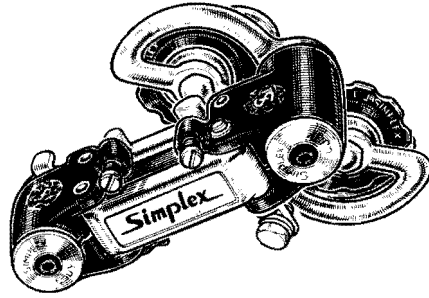
MODEL REF.

Fits fork end
 Weight (grams) 170
 Housing top bottom
 Parallelogram arms
 Articulation top bottom
 Overall capacity
 F/wheel speeds 26 teeth
 Maxi sprocket 3 to 7
 26 teeth

LJ 4000 CP/SP

with hanger
 width 16 mm
 in light alloy,
 anodized, T/mark
 on black background
 spring
 spring
 26 teeth
 3 to 7
 26 teeth

Note : available with anodized light alloy
 derailing cage, top and bottom axles.

**MODEL REF.**

Fits fork end
 Weight (grams) 255
 Housing top bottom
 Parallelogram arms
 Articulation top bottom
 Overall capacity
 F/wheel speeds 30 teeth
 Maxi sprocket 3 to 7
 30 teeth

LJ 1000 T/SP

with hanger
 width 16 mm
 in light alloy T/mark
 on gold background
 spring
 spring
 30 teeth
 3 to 7
 30 teeth

MODEL REF.

Fits fork end
 Weight (grams) 179
 Housing top bottom
 Parallelogram arms
 Articulation top bottom
 Overall capacity
 F/wheel speeds 30 teeth
 Maxi sprocket 3 to 7
 30 teeth

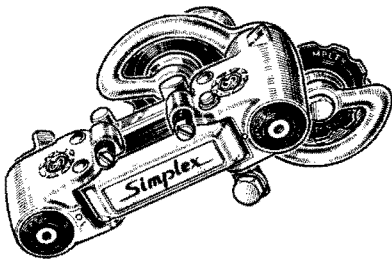
LJ 4000 T/SP

with hanger
 width 16 mm
 in light alloy,
 anodized, T/mark
 on black background
 spring
 spring
 30 teeth
 3 to 7
 30 teeth

Note : available with anodized light alloy
 derailing cage, top and bottom axles.



SERIE SLJ

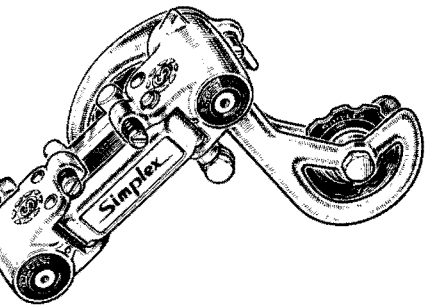


MODEL REF.
Fits fork end
Weight (grams) 183
Housing top
bottom
Parallelogram arms

Articulation top spring
bottom spring

Overall capacity 26 teeth
F/wheel speeds 3 to 7
Maxi sprocket 26 teeth

Note : available with anodized light alloy derailing cage, top and bottom axles.

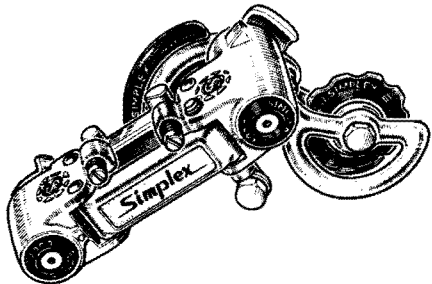


MODEL REF.
Fits fork end with hanger
Weight (grams) 201
Housing top light alloy anodized
bottom light alloy anodized
Parallelogram arms width 16 mm in light alloy, anodized. T/mark on gold background

Articulation top spring
bottom spring

Overall capacity 39 teeth
F/wheel speeds 3 to 7
Maxi sprocket 36 teeth

Note : available with anodized light alloy derailing cage, top and bottom axles.

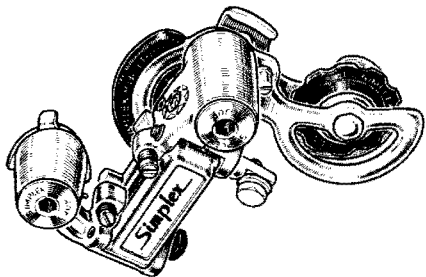


MODEL REF.
Fits fork end with hanger
Weight (grams) 192
Housing top light alloy anodized
bottom light alloy anodized
Parallelogram arms width 16 mm in light alloy, anodized. T/mark on gold background

Articulation top spring
bottom spring

Overall capacity 30 teeth
F/wheel speeds 3 to 7
Maxi sprocket 30 teeth

Note : available with anodized light alloy derailing cage, top and bottom axles.



MODEL REF.
Fits fork end with hanger
Weight (grams) 238
Housing top light alloy anodized
bottom light alloy anodized
Parallelogram arms width 16 mm in light alloy, anodized. T/mark on gold background

Articulation top spring
bottom spring

Overall capacity 26 teeth
F/wheel speeds 3 to 7
Maxi sprocket 24 teeth

Note : available with anodized light alloy derailing cage.

MODEL REF.
Fits fork end with hanger
Weight (grams) 250
Housing top light alloy anodized
bottom light alloy anodized
Parallelogram arms width 16 mm in light alloy, anodized. T/mark on gold background

Articulation top spring
bottom spring

Overall capacity 39 teeth
F/wheel speeds 3 to 7
Maxi sprocket 36 teeth

Note : available with anodized light alloy derailing cage.



SÉRIE SA

MODEL REF.

Fits down tube ø

Housing
Fixing clip

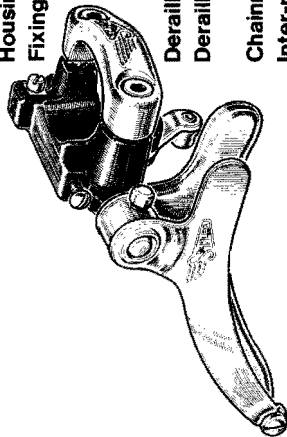
SAO2

28 mm
(standard)

SAO2

28.6 mm
(specify)

Delrin®
"zamak" alloy



Derailing cage
Derailing action

steel chrome plated
horizontal,
single adjustment
double rings (only)

Chainrings

Inter-ring capacity
Weight (grams)

14 teeth
142

Note : can be used only with o/casing
or double-tunnel clip kind 3594 L
and 3596 L.

MODEL REF.

Fits down tube ø

Housing
Fixing clip

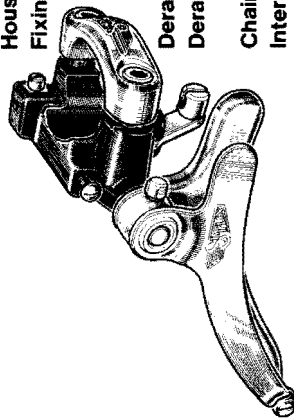
SA 12

28 mm
(standard)

SA 12

28.6 mm
(specify)

Delrin®
"zamak" alloy



Derailing cage
Derailing action

steel chrome plated
horizontal,
twin adjustment
double rings (only)

Chainrings

Inter-ring capacity
Weight (grams)

14 teeth
144

Note : can be used only with o/casing
or double-tunnel clip kind 3594 L
and 3596 L.



SÉRIE SX A

MODEL REF.

Fits down tube ø

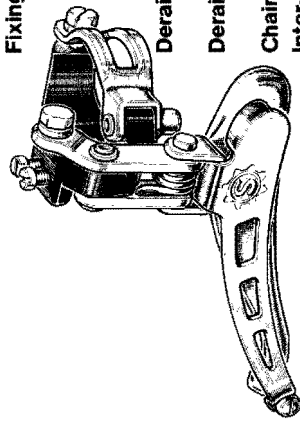
Housing

Fixing clip

SX A 22

28 to 28.6 mm
Delrin®

steel chrome plated,
hinged



Derailing cage

steel chrome plated,
perforated

Derailing action

parallelogram (steel C/P)
twin adjustments

Chainrings

Inter-ring capacity
Weight (grams)

double or triple
14 teeth
119

Note : can be used only with o/casing
or double-tunnel clip kind 3594 L
and 3596 L.

MODEL REF.

Fits down tube ø

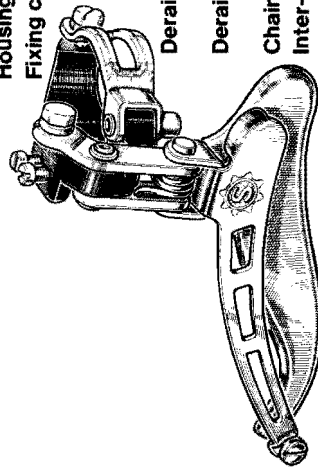
Housing

Fixing clip

SX A 23

28 to 28.6 mm
Delrin®

steel chrome plated,
hinged



Derailing cage

steel chrome plated,
perforated

Derailing action

parallelogram (steel C/P)
twin adjustments

Chainrings

Inter-ring capacity
Weight (grams)

double or triple
24 teeth
130

Note : can be used only with o/casing
or double-tunnel clip kind 3594 L
and 3596 L.



SÉRIE SX A

MODEL REF.

Fits down tube \emptyset

Housing

Fixing clip

SX A 52

28 to 28.6 mm

Delrin[®]

steel chrome plated,
hinged

Derailing cage

steel chrome plated,
perforated

Derailing action

parallelogram (steel C/P)
twin adjustments

Chainrings

double or triple

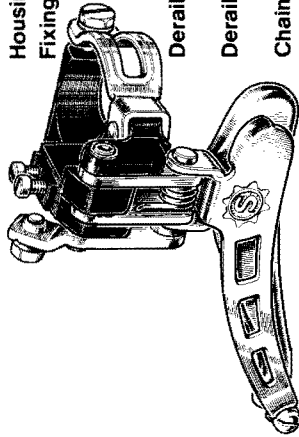
Inter-ring capacity

14 teeth

Weight (grams)

131

Note : can only be used with braze-on tunnel 4123,
without outer casing.



MODEL REF.

Fits down tube \emptyset

28 to 28.6 mm

Delrin[®]

steel chrome plated, hinged

steel chrome plated, perforated

parallelogram (steel C/P) twin adjustments

double or triple

24 teeth

Chainrings

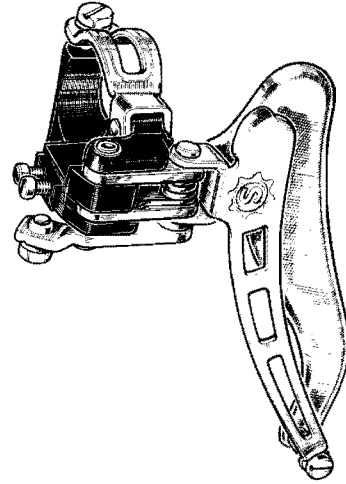
142

Inter-ring capacity

Weight (grams)

142

Note : can only be used with braze-on tunnel 4123, without outer casing.



SERIE SJA

MODEL REF.

Fits down tube \emptyset

Housing

Fixing clip

Derailing cage

SJ A 102

28 to 28.6 mm

light alloy

light alloy

steel chrome plated,
perforated. T/mark
on gold background

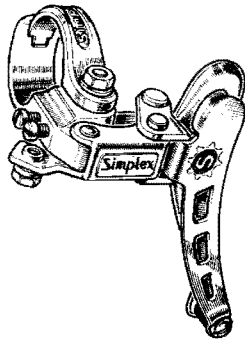
parallelogram (steel C/P)
twin adjustments

double or triple

14 teeth

115

Note : can be used with or without outer casing.



MODEL REF.

Fits down tube \emptyset

Housing

Fixing clip

Derailing cage

SJ A 103

28 to 28.6 mm

light alloy

light alloy

steel chrome plated,
perforated. T/mark
on gold background

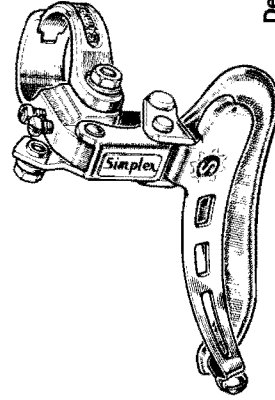
parallelogram (steel C/P)
twin adjustments

double or triple

24 teeth

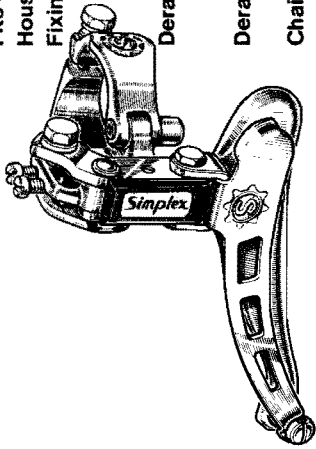
126

Note : can be used with or without outer casing.





SERIE SLJ A

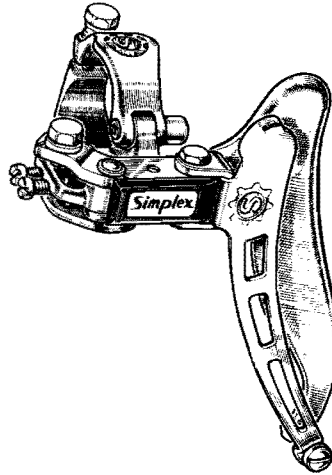
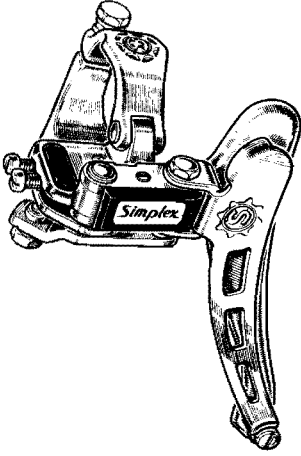


MODEL REF. **SLJ A 502**
 Fits down tube \varnothing 28 to 28.6 mm
 Housing light alloy anodized
 Fixing clip light alloy anodized, hinged
 Derailing cage hardened steel chrome plated, perforated, T/mark on gold background
 Derailing action parallelogram (light alloy) twin adjustments
 Chainrings double or triple
 Inter-ring capacity 14 teeth
 Weight (grams) 111.5

Note : can be used only with o/casing or double-tunnel clip kind 3594 L and 3596 L.

MODEL REF. **SLJ A 522**
 Fits down tube \varnothing 28 to 28.6 mm
 Housing light alloy anodized
 Fixing clip light alloy anodized, hinged
 Derailing cage hardened steel chrome plated, perforated, T/mark on gold background
 Derailing action parallelogram (light alloy) twin adjustments
 Chainrings double or triple
 Inter-ring capacity 14 teeth
 Weight (grams) 114

Note : can only be used with braze-on tunnel 4123, without outer casing.

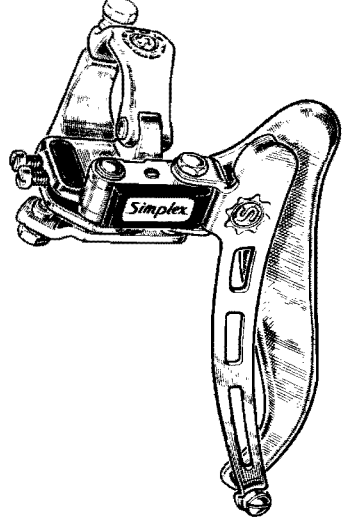


MODEL REF. **SLJ A 503**
 Fits down tube \varnothing 28 to 28.6 mm
 Housing light alloy anodized
 Fixing clip light alloy anodized, hinged
 Derailing cage hardened steel chrome plated, perforated, T/mark on gold background
 Derailing action parallelogram (light alloy) twin adjustments
 Chainrings double or triple
 Inter-ring capacity 24 teeth
 Weight (grams) 122.5

Note : can be used only with o/casing or double-tunnel clip kind 3594 L and 3596 L.

MODEL REF. **SLJ A 523**
 Fits down tube \varnothing 28 to 28.6 mm
 Housing light alloy anodized
 Fixing clip light alloy anodized, hinged
 Derailing cage hardened steel chrome plated, perforated, T/mark on gold background
 Derailing action parallelogram (light alloy) twin adjustments
 Chainrings double or triple
 Inter-ring capacity 24 teeth
 Weight (grams) 125

Note : can only be used with braze-on tunnel 4123 without outer casing.



Whichever gear ratio you choose there is a gear that will meet you requirements



Sprocket size

Wheel size 27"

	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
28	63	58	54	50,4	47,4	44,4	42	39,7	37,8	35,9	34,3	32,9	31,4	30,2	29,1	27,9	26,6	26,1	25,2	28
29	65	60,2	55,9	52,1	49,1	46,6	43,5	41,1	39,1	37,2	35,6	33,9	32,5	31,2	30,1	28,9	27,9	26,9	26	29
30	67,5	62,2	57,9	54	50,7	47,7	45	42,5	40,5	38,6	36,8	34,9	33,9	32,3	31,1	29,8	28,9	27,8	26,9	30
31	69,7	61,3	59,8	55,8	52,4	49,2	46,6	44	41,9	39,8	38,1	35,9	34,8	33,4	32,1	30,9	29,9	28,8	28	31
32	72	65,8	61,9	57,6	54	50,9	48,1	45,4	43,1	41,1	39,2	36,9	35,9	34,4	33,1	31,9	30,9	29,7	28,8	32
33	74,3	68,4	63,8	59,3	55,7	52,4	49,6	46,9	44,5	42,4	40,5	37,9	37,1	35,5	34,3	32,9	31,9	30,6	29,7	33
34	76,4	70,5	65,7	61,2	57,3	54	51,1	48,4	45,9	43,6	41,6	39,1	38,2	36,7	35,3	34	32,9	31,5	30,6	34
35	78,7	72,6	67,6	63	59,1	55,7	52,6	49,8	47,4	45	42,9	40,1	39,3	37,8	36,3	34,9	33,9	32,5	31,4	35
36	81	74,6	69,5	65,8	60,7	57,3	54	51,2	48,7	46,3	44,2	41,1	40,5	38,9	37,3	35,9	34,8	33,4	32,4	36
37	83,2	76,8	72,7	66,7	62,4	58,8	55,4	52,6	50	47,6	45,4	42,2	41,6	40,1	38,3	36,9	35,8	34,4	33,3	37
38	85,6	78,8	73,4	68,4	64,1	60,5	56,9	54	51,4	48,8	46,8	43,3	42,7	41,1	39,3	37,9	36,7	35,3	34,2	38
39	87,8	81	75,1	70,2	65,9	62	58,4	55,4	52,6	50,1	47,9	45,8	43,9	42,1	40,5	38,9	37,6	36,2	35	39
40	90	83,1	77,2	72	67,5	63,5	60	56,9	54	51,5	49,1	46,9	45	43,3	41,5	40	38,6	37,2	35,9	40
41	92,4	85,1	79	73,9	69,2	65,2	61,5	58,3	55,3	52,7	50,3	48,1	46	44,3	42,5	41	39,6	38,1	36,9	41
42	94,5	87,3	81	75,7	70,8	66,7	63	59,7	56,7	54	51,5	49,3	47,4	45,3	43,6	42	40,5	38,9	37,8	42
43	96,8	89,3	83	77,4	72,6	68,3	64,5	61,1	58,1	55,3	52,7	50,3	48,3	46,4	44,6	43	41,5	40	38,7	43
44	99,1	91,5	84,9	79,2	74,3	69,8	66	62,5	59,4	56,5	54	51,6	49,5	47,6	45,7	44	42,5	41	39,6	44
45	101,3	93,5	86,8	81	75,9	71,5	67,5	63,5	60,7	57,9	55,2	52,8	50,6	48,6	46,7	45	43,4	41,9	40,5	45
46	103,5	95,5	88,7	82,8	77,6	73	69	65,4	62,1	59,1	56,4	54	51,7	49,7	47,8	46	44,4	42,9	41,5	46
47	105,8	97,6	90,6	84,6	79,3	74,6	70,5	66,8	63,4	60,4	57,7	55,2	52,9	50,8	48,8	47,1	45,4	43,8	42,4	47
48	108	99,7	92,6	86,4	81	76,2	72	68,2	64,8	61,7	58,9	56,3	54	51,8	49,8	48,1	46,3	44,6	43,3	48
49	110,3	102	94,5	88,2	82,7	77,8	73,5	69,6	66,1	63	60,1	57,5	55,1	52,9	50,9	48,9	47,4	45,5	44,1	49
50	112,6	103,8	96,4	90	84,4	79,4	75	71	67,5	64,3	61,4	58,7	56,2	54	51,9	50	48,3	46,6	45	50
51	114,7	105,9	98,3	91,8	86	81	76,5	72,5	68,8	65,6	62,6	59,9	57,4	55	53	51	49,2	47,4	45,9	51
52	117	108	100	93,6	87,7	82,6	78	73,9	70,2	66,8	63,8	61	58,5	56,2	54	52	50,2	48,3	46,8	52
53	119,3	110,1	102,2	95,4	89,4	84,3	79,6	75,3	71,6	68,2	65	62,2	59,6	57,2	55	53	51,1	49,3	47,7	53
54	121,6	112,1	103,8	97,2	90,8	85,8	81	76,6	72,9	69,4	66,3	63,3	60,6	58,4	56,1	54	52,1	50,2	48,7	54
55	123,7	114,2	106,1	99,1	92,7	87,3	82,5	77,9	74,3	70,7	67,6	64,5	61,9	59,5	57,1	54,9	53	51,1	49,6	55
56	126,1	116,4	108	100,8	94,5	88,9	84	79,6	75,6	72	68,7	65,8	63	60,5	58	55,9	54	52,1	50,3	56
	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	

Gear ratio table

Number of teeth on chainwheel

HISTORIQUE ET PALMARÈS

LE SIMPLEX
LE CRÉATEUR DU DÉFAILLEUR COURSE
1928-1935

BREVET FRANÇAIS
S. G. D. G.

LE SIMPLEX

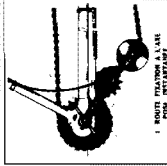
présente la plus belle gamme actuelle des changements de vitesse pour cycles
Tous ses appareils sont brevetés et ont été fabriqués à la fois et conçus pour servir séparément tout ou partie de son outillage que possèdent
CHACUN MODÈLE BIEN ÉTUDE POUR CHAQUE EMPLOI

LE SIMPLEX
POUR LE TOURISME

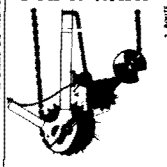
POUR LE TRAVAIL LA VILLE

TYPE ROUTE

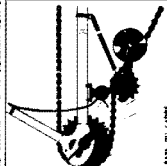
NOTRE TYPE ROUTE SIMPLE ROBUSTE PRÉMIER ET SÉRIÉUX DE MARQUE CEST L'APPAREIL PARFAIT DE VOYAGE
IL PERMET L'EMBOÏME D'UN DOUBLE PROPON AU DÉFAILLER CE QUI DOUBLE LE NOMBRE DES VITESSES CEST L'APPAREIL PARFAIT DU TOURISME
NOTRE TYPE ROUTE EST LIVRÉ COMPLET AVEC CHAQUE LIBRE EN 3 VITESSES 87 FRANCS EN 4 VITESSES 120 FRANCS
E. ÉQUIPE AVEC TROIS MODÈLES DE RÉGULATEUR AU CHOIX 1. À LAISE DU MOTIF 2. À BRASER AU CADRE 3. À COLLIER SUR BASÉ DU CADRE



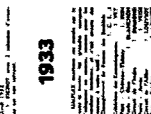
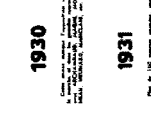
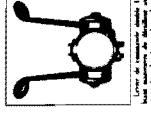
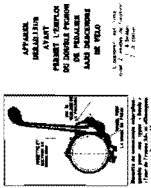
1. POINT D'ATTACHE AU CADRE



2. À BRASER AU CADRE



3. À COLLIER SUR BASÉ DU CADRE



1928



1932 (Lomb)



1929



1933



1930



1934



1931



1932



1932



1933



1935



1936



VICTOIRE SANS PRÉCÉDENT
AU
Grand Prix Wolber
1^{er} Vlette 2^e Debeonne
3^e Viratelle 4^e Naisse
tous sur **SIMPLEX**
Vainqueur de
Bordeaux-Paris
avec **NORET**

1928



1932 (Lomb)



1929



1933



1930



1934



1931



1932



1932



1933



1935



1936



Deux Fois
CHAMPION de FRANCE
Professionnel
Trois Fois
CHAMPION de FRANCE
des Sociétés

1928



1932 (Lomb)



1929



1933



1930



1934



1931



1932



1932



1933



1935



1936



LE SIMPLEX
LA DOUCEUR DU FONCTIONNEMENT DE NOS TYPES ROUTE EST DU À NOTRE VA ET NOTRE À CAME BREVETÉ

LES SIMPLEX
construitement unique
POUR LA COURSE:
ROBUSTES ET EFFICACES, ILS SONT LES MOINS INCONVÉNIENTS
MOS BLOCS TENDUS ET FOURCHETTES SONT LES PLUS SIMPLES

LE SUPER-SIMPLEX
GRACE À SA FOURCHETTE À BRAS PARALLELOGRAMME DÉFORMABLE À COURSE RÉGULIÈRE ET SON THOUROU ROBUSTE ET LÉGER
LE SUPER-SIMPLEX EST LE SEUL APPAREIL À TENDRE ET FOURCHETTE SÉPARÉS FONCTIONNANT D'UNE FAÇON RATIONNELLE

LE SIMPLEX
POUR LE SPORT

LE SIMPLEX
TOUTE COURSE DE PAYSAGE

LE SIMPLEX
LA DOUCEUR DU FONCTIONNEMENT DE NOS TYPES ROUTE EST DU À NOTRE VA ET NOTRE À CAME BREVETÉ

LES SIMPLEX
AVANTAGES
1. AVANTAGE
2. AVANTAGE
3. AVANTAGE
4. AVANTAGE
5. AVANTAGE
6. AVANTAGE
7. AVANTAGE
8. AVANTAGE
9. AVANTAGE
10. AVANTAGE

LE SIMPLEX
LA DOUCEUR DU FONCTIONNEMENT DE NOS TYPES ROUTE EST DU À NOTRE VA ET NOTRE À CAME BREVETÉ

LES SIMPLEX
AVANTAGES
1. AVANTAGE
2. AVANTAGE
3. AVANTAGE
4. AVANTAGE
5. AVANTAGE
6. AVANTAGE
7. AVANTAGE
8. AVANTAGE
9. AVANTAGE
10. AVANTAGE

LE SUPER-SIMPLEX
GRACE À SA FOURCHETTE À BRAS PARALLELOGRAMME DÉFORMABLE À COURSE RÉGULIÈRE ET SON THOUROU ROBUSTE ET LÉGER
LE SUPER-SIMPLEX EST LE SEUL APPAREIL À TENDRE ET FOURCHETTE SÉPARÉS FONCTIONNANT D'UNE FAÇON RATIONNELLE

LE SIMPLEX
LA DOUCEUR DU FONCTIONNEMENT DE NOS TYPES ROUTE EST DU À NOTRE VA ET NOTRE À CAME BREVETÉ

LES SIMPLEX
AVANTAGES
1. AVANTAGE
2. AVANTAGE
3. AVANTAGE
4. AVANTAGE
5. AVANTAGE
6. AVANTAGE
7. AVANTAGE
8. AVANTAGE
9. AVANTAGE
10. AVANTAGE

LE SUPER-SIMPLEX
GRACE À SA FOURCHETTE À BRAS PARALLELOGRAMME DÉFORMABLE À COURSE RÉGULIÈRE ET SON THOUROU ROBUSTE ET LÉGER
LE SUPER-SIMPLEX EST LE SEUL APPAREIL À TENDRE ET FOURCHETTE SÉPARÉS FONCTIONNANT D'UNE FAÇON RATIONNELLE