A COMPLETE LINE OF SHIMANO

Rear derailleurs
Front derailleurs
Shifting levers
Freewheels
Light alloy hubs
Front chainwheels
Hub gears
Caliper brakes
Coaster & Disc brakes
Head parts & Fork ends
Spoke protectors
Universal cables
Outer casing & Inner cables
Outer bands/Special tools



SHIMANO

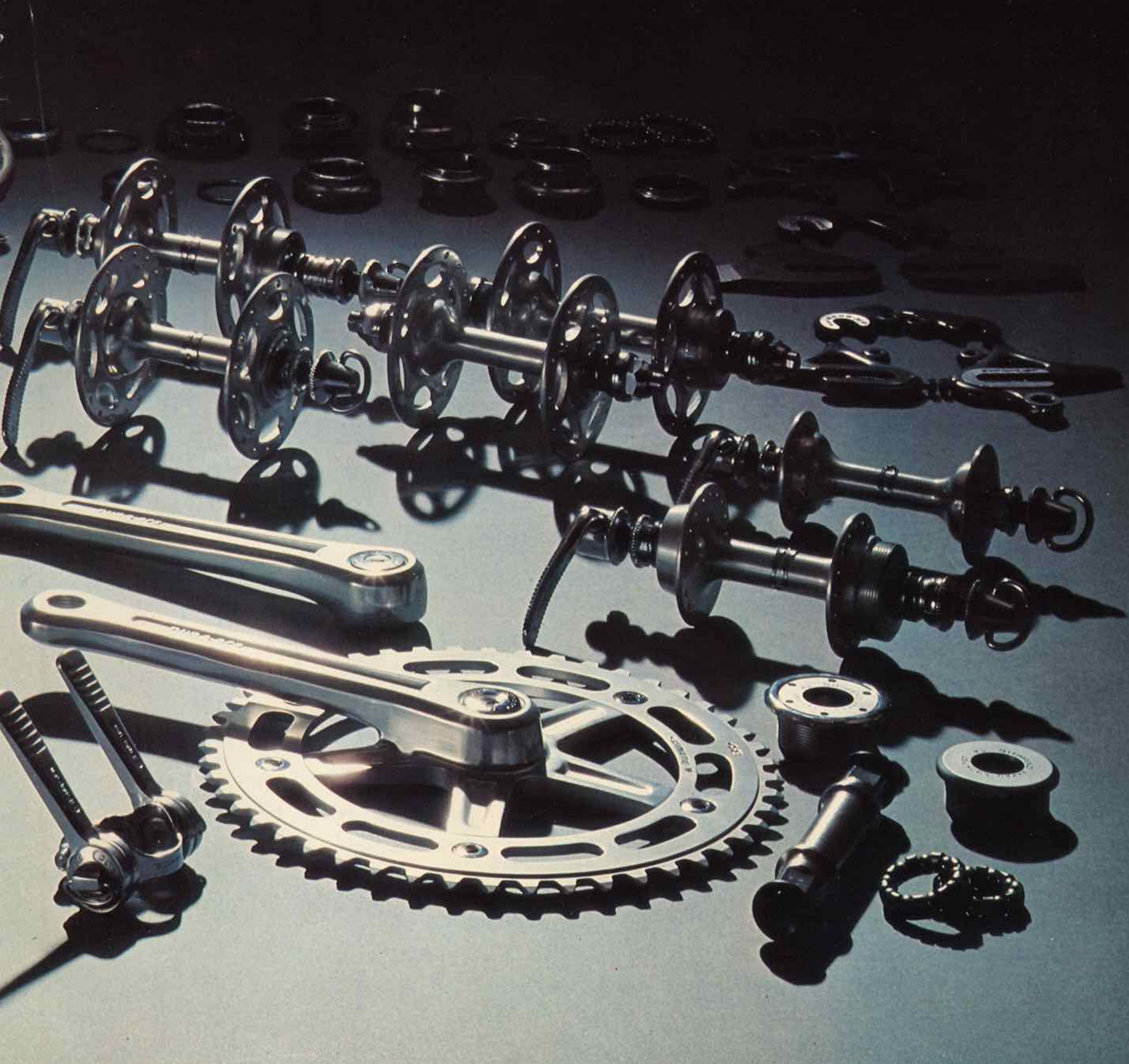
Shimano DURA-ACE Series

EQUIPPED WITH
DURA-ACE
SHIMANO



The Dura-Ace series of bicycle components is the best to be found anywhere. Produced with extra time and attention to detail, the Dura-Ace line surpasses the demands of the most severe cyclist. If only the best is good enough, or if competitive performance is essential, then Dura-Ace will become the center of the cyclist's riding satisfaction.

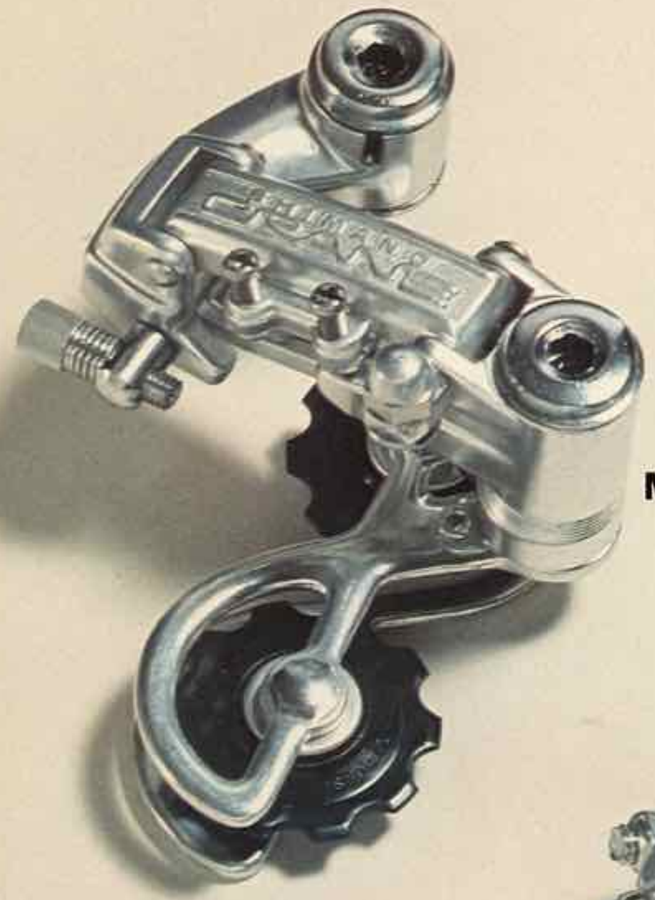
Each part in the Dura-Ace series is engineered to be light and strong. Shimano's research teams developed a special "micra" alloy which is precision cold-forged into a final lustrous, jewel-like finish. Those who know quality in bicycle components demand the non-compromising value of Dura-Ace.



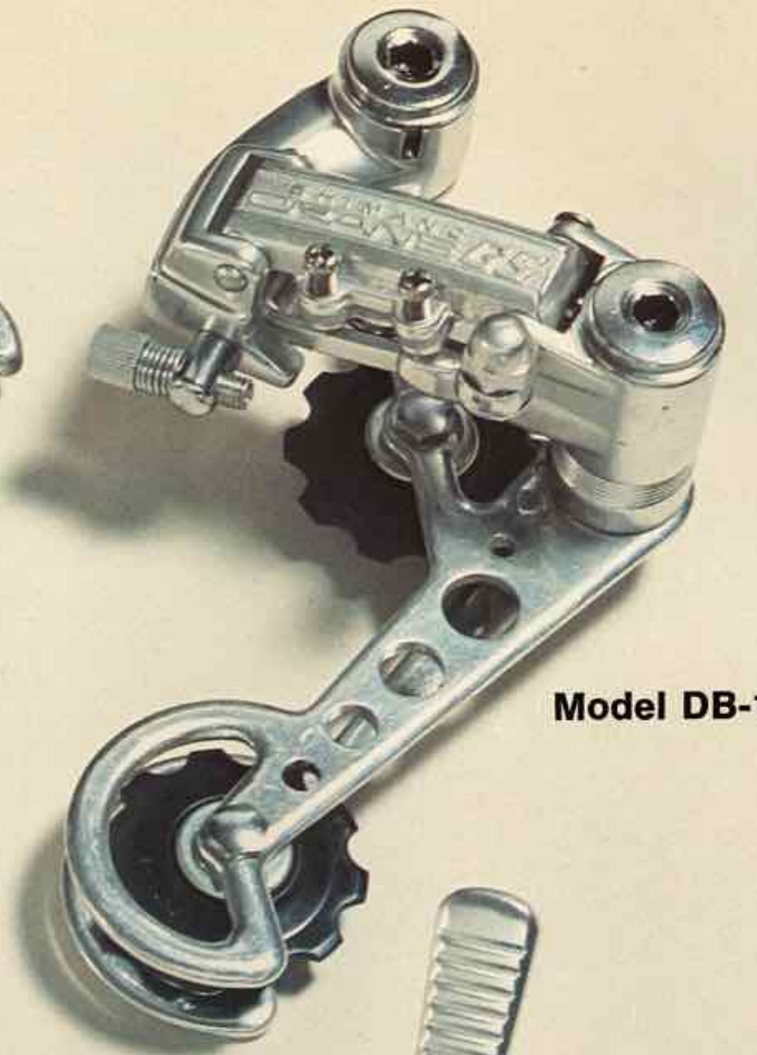
EQUIPPED WITH DURA-ACE SHIMANO

Shimano DURA-ACE

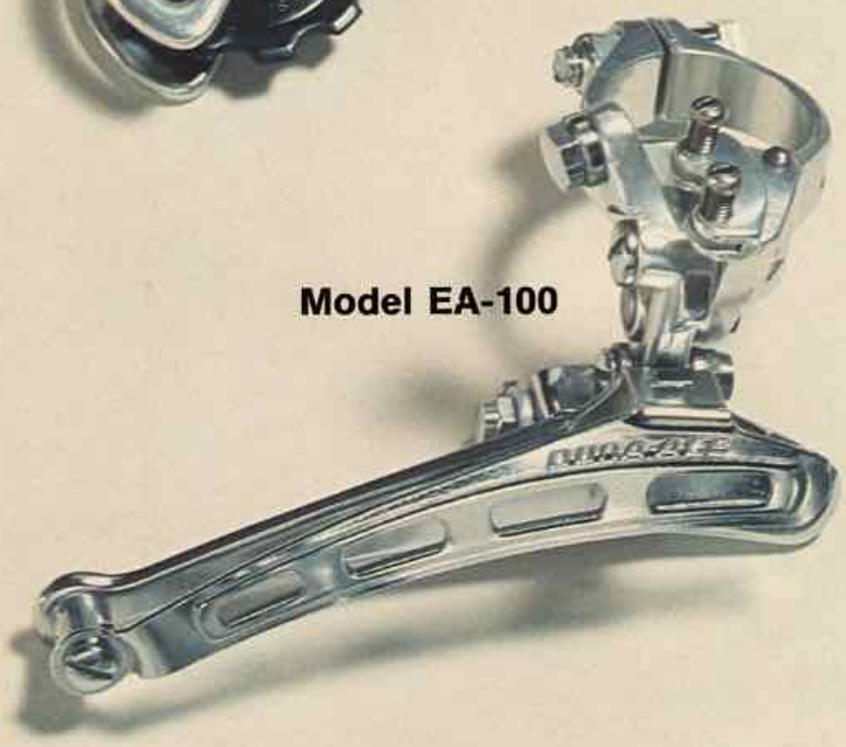
Series for Road & Touring



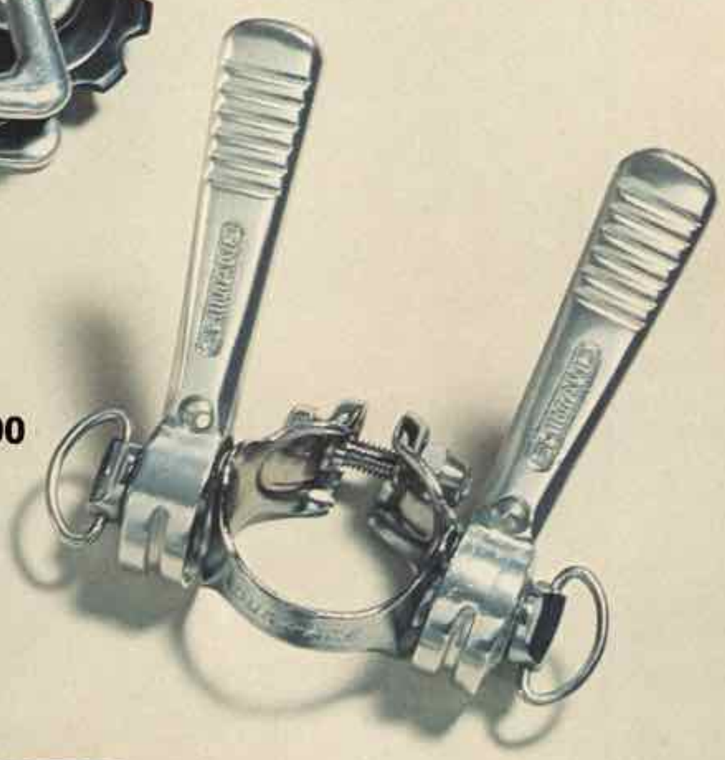
Model DB-100



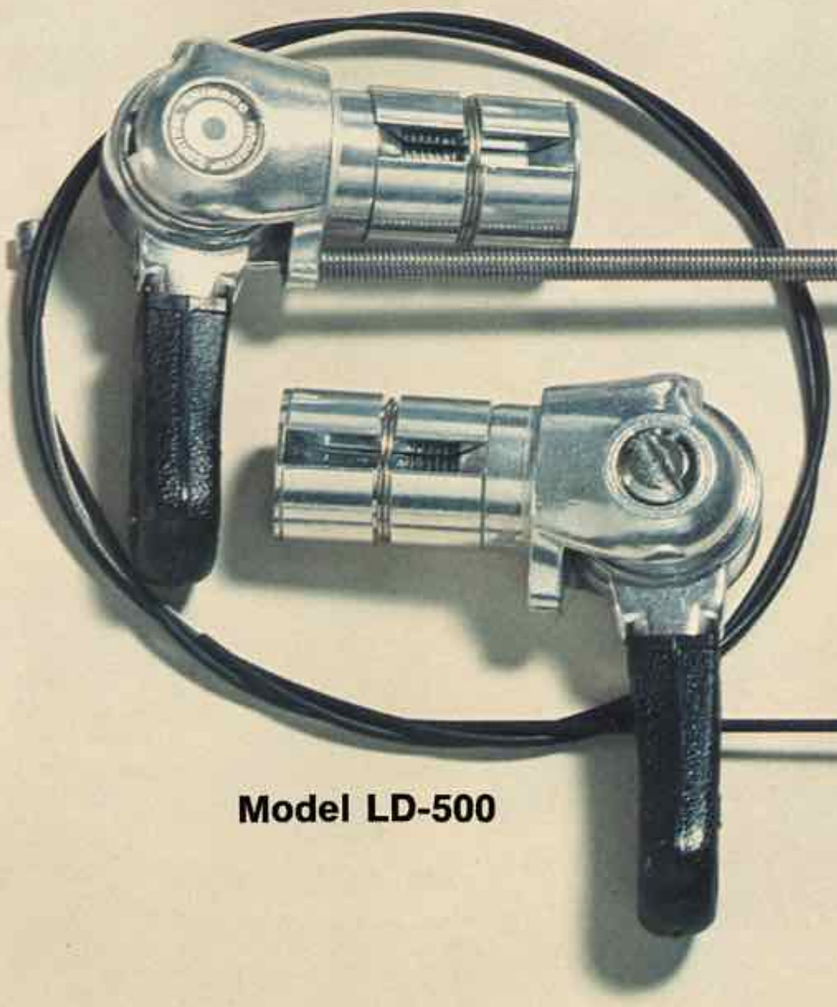
Model DB-110



Model EA-100



Model LA-100



Model LD-500



Model KA-100



Model KA-110



Model KB-110

Rear Derailleurs

Model DB-100

CRANE

SPECIFICATIONS

Capacity: Front Difference: 14 Teeth or Less
Rear Largest Sprocket: 28 Teeth or Less
Weight: 7.9 oz. (225 g)
Material: Light Alloy
Type: Servo Panta Mechanism
Option: Adaptor

Model DB-110

CRANE-GS

SPECIFICATIONS

Capacity: Front Difference: 14 Teeth or Less
Rear Largest Sprocket: 34 Teeth or Less
Weight: 9.5 oz. (270 g)
Material: Light Alloy
Type: Servo Panta Mechanism (Long Cage Plate)
Option: Adaptor

Front Derailleur

Model EA-100

DURA-ACE

SPECIFICATIONS

Capacity: 16 Teeth or Less
Weight: 3.7 oz. (105 g)
Material: Light Alloy (Body), Steel (Chain Guide)
Type: Lower Inlet Type 1-1/8″

DURA-ACE Black Series

Shifting Lever

Model LA-100

DURA-ACE

SPECIFICATIONS

Weight: 2.65 oz. (75 g)
Material: Light Alloy
Type: Double Lever
Lever Clamp Diameter: 1-1/8″

Model LD-500

BAR-END CONTROL

SPECIFICATIONS

Weight: 2.8 oz. (80 g)
Material: Light Alloy
Use: 10-speed
Attachment Position: Bar-End
Type: With Spiral Spring (Balance Spring)

Cable Parts

Model KA-100

CABLE GUIDE

SPECIFICATIONS

Clamp Diameter: 1-1/8″
Material: Steel
Use: For 10 Speed

Model KA-110

OUTER STOPPER

SPECIFICATIONS

Clamp Diameter: 5/8″
Material: Steel

Model KB-110

OUTER STOPPER

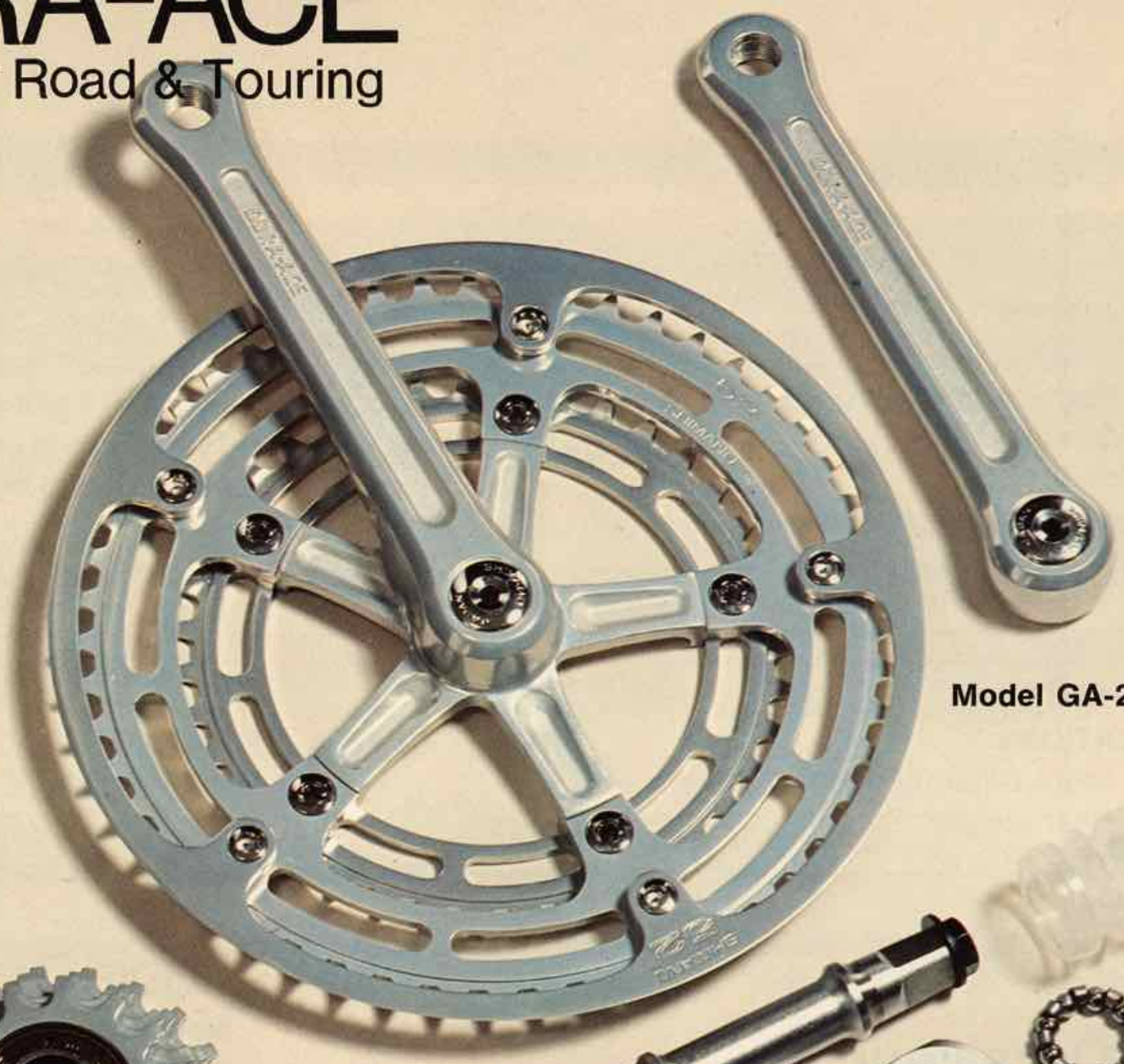
SPECIFICATIONS

Clamp Diameter: 1-1/8″
Material: Steel
Use: For 10 Speed
For Bar-End Control

EQUIPPED WITH DURA-ACE SHIMANO

Shimano DURA-ACE

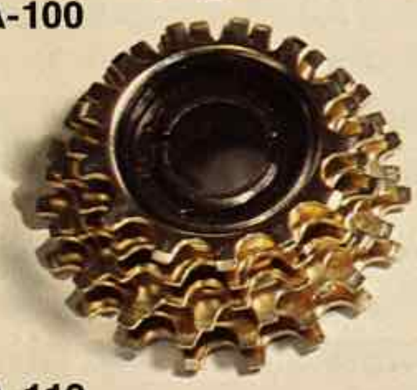
Series for Road & Touring



Model GA-200



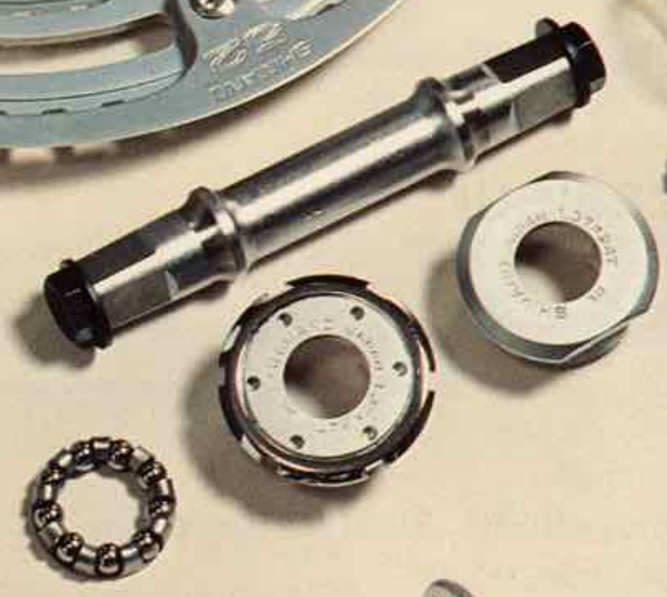
Model FA-100



Model FA-110



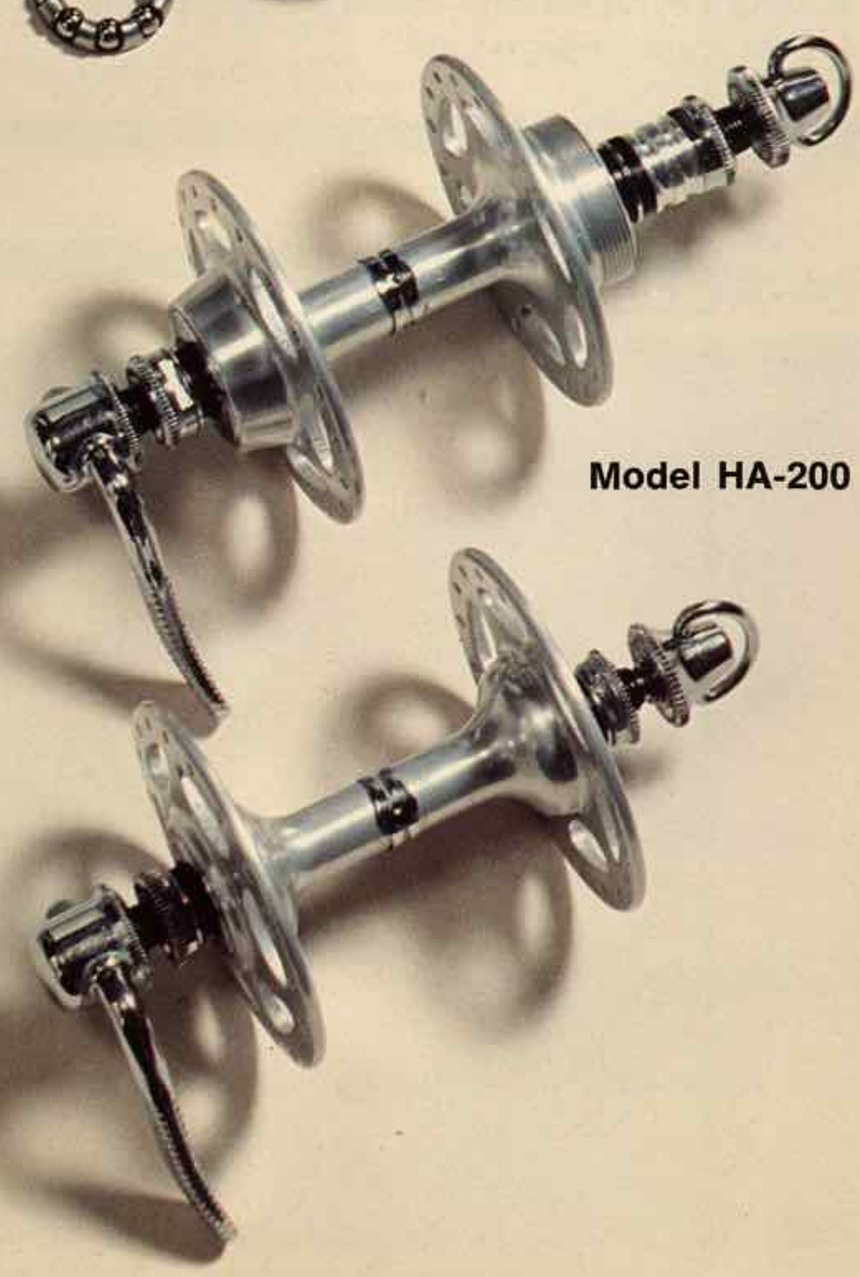
Model FA-300



Model GB-100



Model HA-100



Model HA-200

Multiple Freewheels

Model FA-100 (5 Speed Gold)
FA-110 (6 Speed Gold)
FA-300 (5 Speed Silver)
FA-310 (6 Speed Silver)

DURA-ACE

SPECIFICATIONS

Standard Sprocket: 1/2″ x 3/32″ Chain (2mm)
Thread: 1.37″ x 24″ T.P.I.(English)
Available by request 35 x 1.0 (French)
Sprocket: Golden Finish or Silver Finish
Standard Sprocket Combinations:

5-speed	13, 15, 17, 19, 21T
	14, 16, 18, 20, 22T
	15, 17, 19, 21, 24T
6-speed	13, 14, 15, 16, 17, 18T
	13, 15, 17, 19, 21, 23T

Light Alloy Hub

Model HA-200: Large Flange Hub

DURA-ACE

SPECIFICATIONS

Weight: Front 9.2 oz. (260 g)
Rear/5-speed/11.6 oz. (330 g)
Rear/6-speed/11.8 oz. (335 g)
Material: Duralumin
Type: Quick release
Thread: 1.37″ x 24 T.P.I. (English)
Available by request 35 x 1.0(French)
Over Lock Nut Dimensions: Front 3.94″ (100 m)
Rear/5-speed/4.72″ (120mm)
Rear/6-speed/4.96″ (126mm)
Spoke Holes: 28H, 32H, 36H
Polished Ball Race

Model HA-100: Small Flange Hub

DURA-ACE

SPECIFICATIONS

Weight: Front 7.8 oz. (220 g)
Rear/5-speed/10.7 oz. (305 g)
Rear/6-speed/10.9 oz. (310 g)
Material: Duralumin
Type: Quick Release
Thread: 1.37″ x 24 T.P.I.(English)
Available by request 35 x 1.0 (French)
Over Lock Nut Dimensions: Front 3.94″ (100mm)
Rear/5-speed/4.72″ (120mm)
Rear/6-speed/4.96″ (126mm)
Spoke Holes: 28H, 32H, 36H
Polished Ball Race

Front Chainwheel

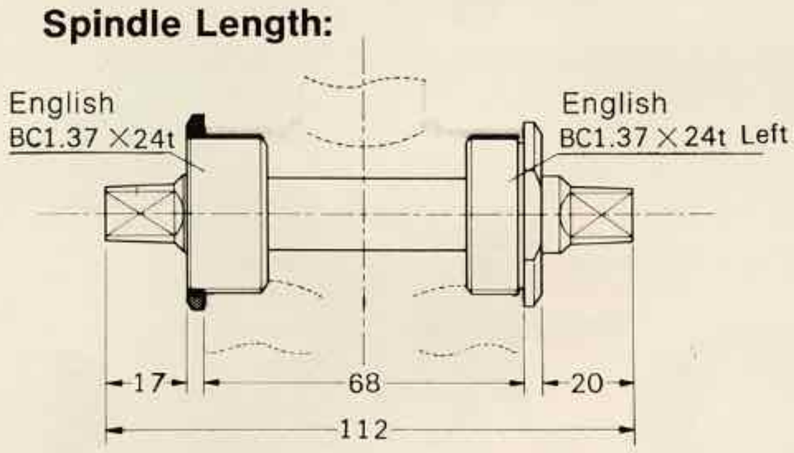
Model GA-200 (without Bottom Bracket Set)
GB-100 (Bottom Bracket Set)

DURA-ACE

SPECIFICATIONS

Material: 14S Super Duralumin
Type: Cotterless
Chain Ring: 1/2″ x 3/32″ Chain (2mm)
Teeth: Inner Chain Ring 39～48T
Outer Chain Ring 48～55T
Crank Lengths: 6-1/2″ (165mm), 6-3/4″ (170mm), 6-7/8″ (175mm)
Available by request 6-19/32″ (167.5mm), 6-13/16″ (172.5mm)
Crank Thread: 9/16″ x 20t
Cup Thread: English 1.37″ x 24t, French 35 x 1.0, Italian 36 x 24t.
Material of Chain Ring:
Standard: 14S Duralumin (For Touring & Light Racing)
Option: 75S Extra Super Duralumin (For Serious Racing)

Spindle Length:



DURA-ACE Black Series



EQUIPPED WITH DURA-ACE SHIMANO

Shimano DURA-ACE

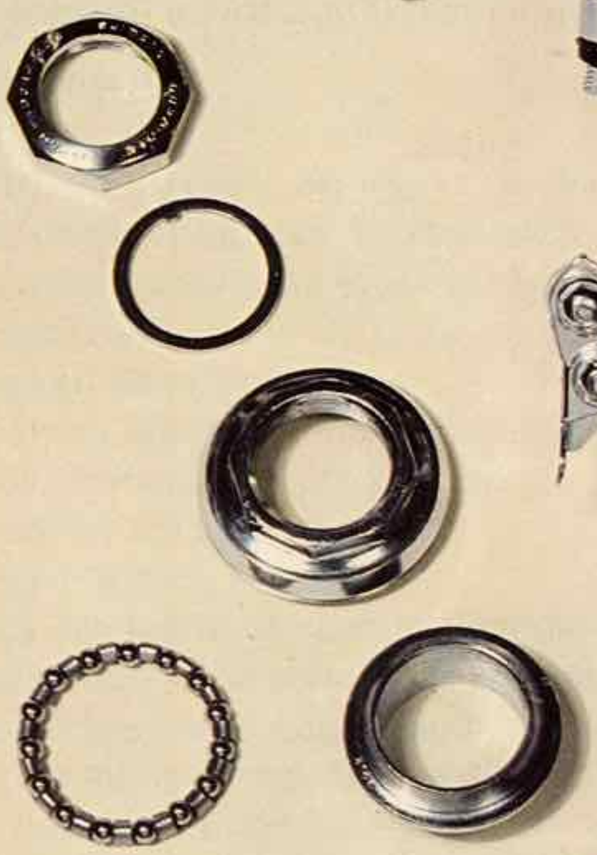
Series for Road & Touring

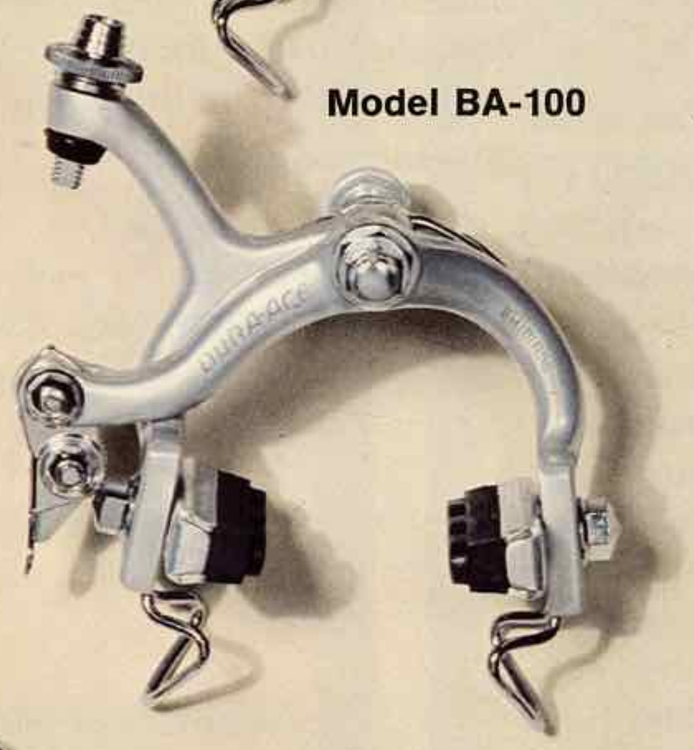


Model BA-100



Model MA-100







Model KA-210





Model UA-100



Model NB-100



Model NB-120



Model KD-100

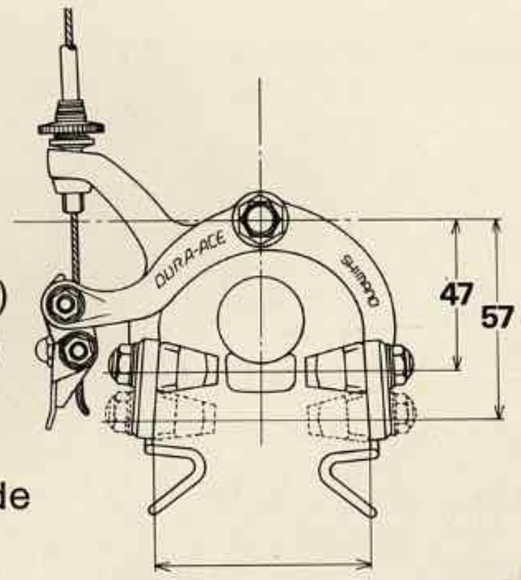
Caliper Brake

Model BA-100

DURA-ACE

SPECIFICATIONS

Weight: Front 6.8 oz. (194 g)
Rear 6.8 oz. (194 g)
Material: Duralumin
Type: Side Pull with Quick Release and Tire guide



Brake Lever

Model MA-100

DURA-ACE

SPECIFICATIONS

Weight: 5.2 oz. (150 g)/Pair
Material: Light Alloy
Type: Hooded Lever with Rubber Cover
Lever Clamp Diameter: 23.8ϕ

Head Parts

Model UA-100

DURA-ACE

SPECIFICATIONS

Material: Chromium Bearing Steel
Type: Road Type
Polished Ball Race

Fork Ends

Model NB-100

SHIMANO-SF

SPECIFICATIONS

Material: Steel
Type: Road Type
With Adjusting Bolt

Model NB-120

SHIMANO-SFR

SPECIFICATIONS

Material: Steel
Type: Touring Type
Vertical Drop Out

Pump Holder

Model KD-100

PUMP HOLDER

SPECIFICATIONS

Clamp Diamater: 1-1/8″
Material: Steel

Outer Band

Model KA-210

OUTER BAND

SPECIFICATIONS

Clamp Diamater: 1″
Material: Steel



DURA-ACE Black Series



EQUIPPED WITH DURA-ACE SHIMANO

Shimano DURA-ACE

Series for Track



Model GA-100

Model FA-200

Model GB-100

Model HA-300

Model NC-100

Model UA-200

Front & Rear Hubs with Lock Ring

Model HA-300

DURA-ACE

SPECIFICATIONS

Weight: Front 8.5 oz. (240 g) Rear 10.6 oz. (300 g)
Material: Duralumin
Type: Solid Axle
Thread: 1.37″ x 24 T.P.I.
Over Lock Nut Dimensions
Front 3.94″ (100mm)
Rear 4.33″ (110mm), 4.72″ (120mm)
Spoke Holes: 28H, 32H, 36H
Lock Ring Thread: 1.29″ x 24 T.P.I. (Lett)
Polished Ball Race

Sprocket for Track Hub

Model FA-200

DURA-ACE

SPECIFICATIONS

Standard Sprocket: 1/2″ x 1/8″ Chain
Thread: 1.37″ x 24 T.P.I.
Material: Chromium Molybdenum Steel
75S Extra Super Duralumin
Teeth: 13, 14, 15, 16.

	Steel	Light Alloy
13	0.39 oz. (11.0 g)	1.07 oz. (30.4 g)
14	0.48 oz. (13.5 g)	1.36 oz. (38.5 g)
15	0.55 oz. (15.7 g)	1.67 oz. (47.3 g)
16	0.63 oz. (18.0 g)	1.89 oz. (53.5 g)

Fork Ends

Model NC-100

DURA-ACE

SPECIFICATIONS

Material: Steel

Head Parts

Model UA-200

DURA-ACE

SPECIFICATIONS

Material: Chromium Bearing Steel
Type: Track Type
Polished Ball Race

Front Chainwheel

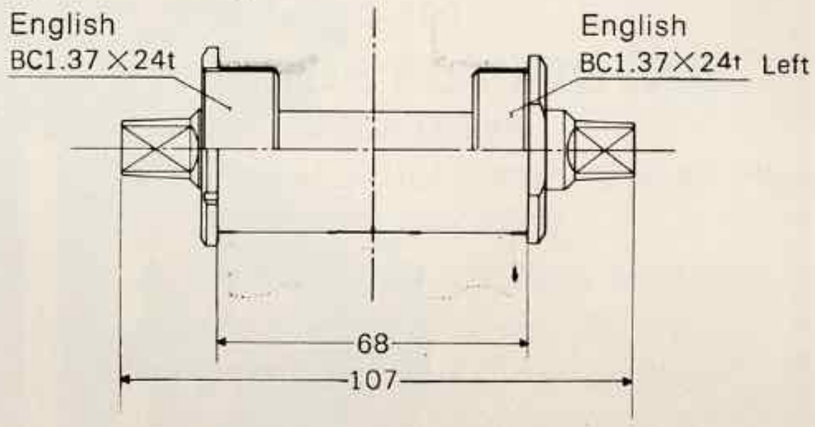
Model GA-100 (without Bottom Bracket Set)
GB-100 (Bottom Bracket Set)

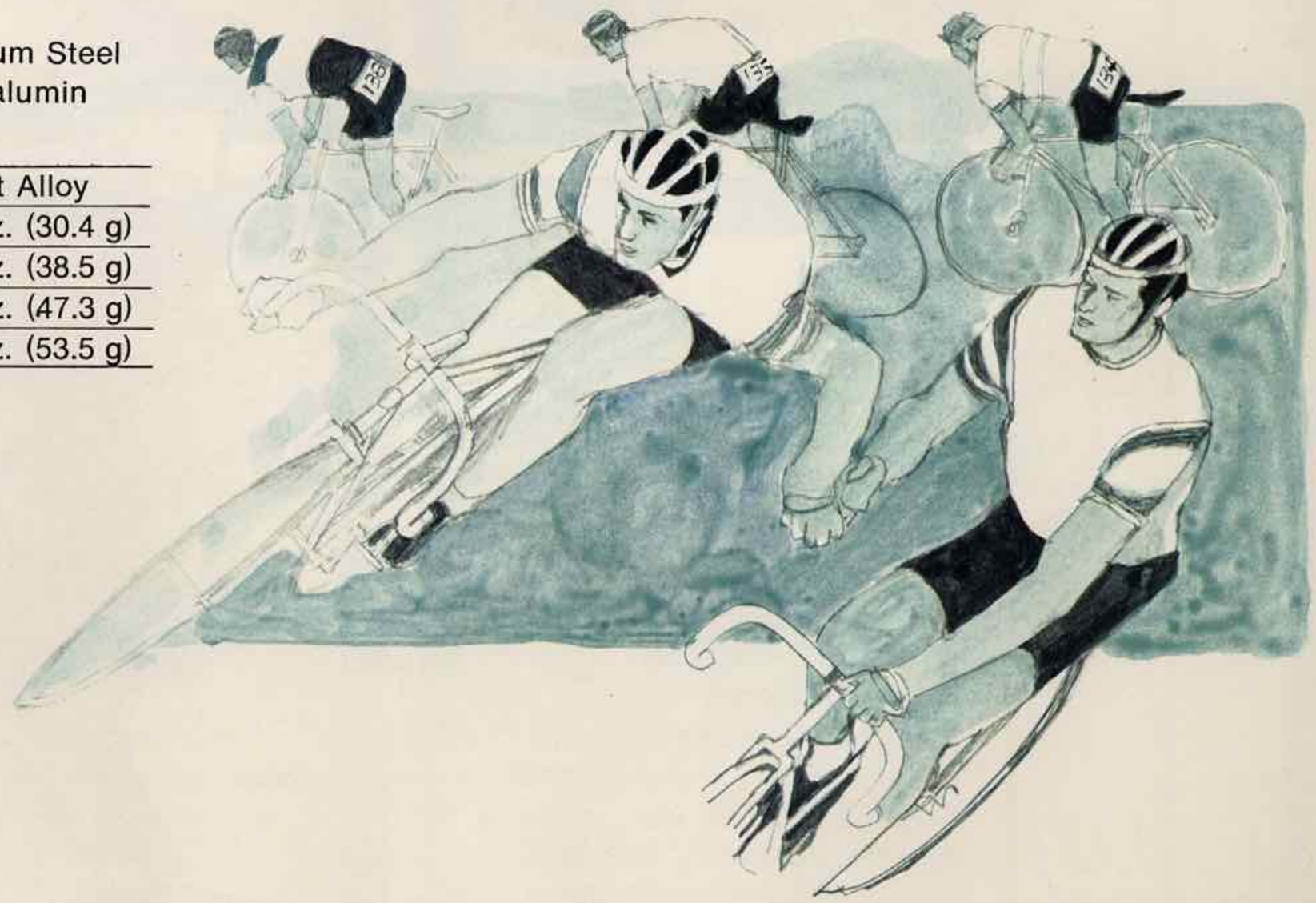
DURA-ACE

SPECIFICATIONS

Material: 75S Extra Super Duralumin
Type: Cotterless
Chain Ring: 1/2″ x 1/8″ Chain
Teeth: 4?~52T.
Crank Lengths: 6-1/2″ x (165mm), 6-3/4″ (170mm), 6-7/8″(175mm)
Available by request 6-19/32″(167.5mm), 6-13/16″(172.5mm)
Crank Thread: 9/16″ x 20t.
Cup Thread: English 1.37″ x 24t, French 35 x 1.0, Italian 36 x 24t.

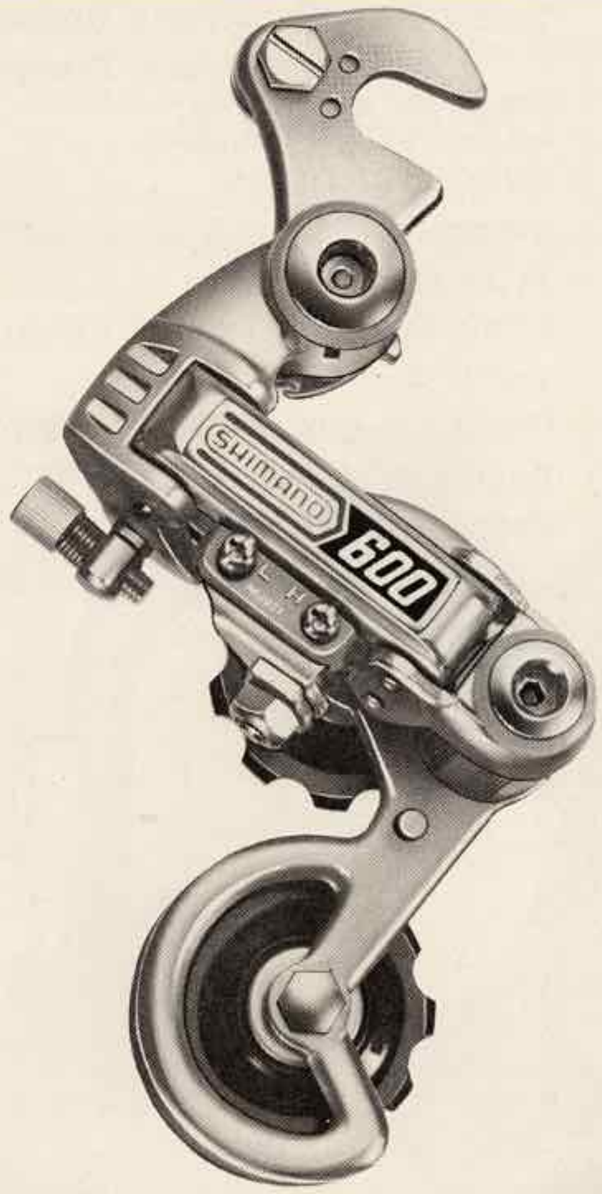
Spindle Length:





SHIMANO Rear Derailleurs

new



Model DC-200

SHIMANO-600

SPECIFICATIONS

Capacity: Front Difference 14 Teeth or Less
Rear Largest Sprocket 28 Teeth or Less
Weight: 9.3 oz (265 g)
Material: Light Alloy (Body)
Steel (Cage Plate)
Type: Servo Panta Mechanism

new



Model DC-210

SHIMANO-600-GS

SPECIFICATIONS

Capacity: Front Difference: 14 Teeth or Less
Rear Largest Sprocket: 34 Teeth or Less
Weight: 9.9 oz (280 g)
Material: Light Alloy (Body)
Steel (Cage Plate)
Type: Servo Panta Mechanism

new



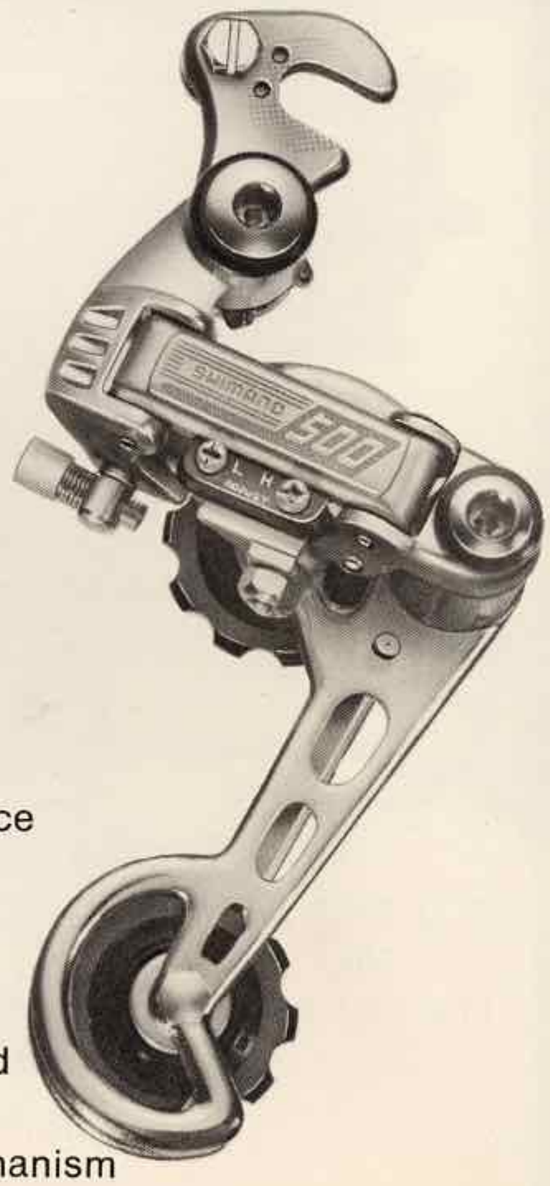
Model DC-100

SHIMANO-500

SPECIFICATIONS

Capacity: Front Difference
14 Teeth or Less
Rear Largest Sprocket
28 Teeth or Less
Weight: 11.1 oz. (315 g)
Material: Light Alloy and Steel
Type: Servo Panta Mechanism

new

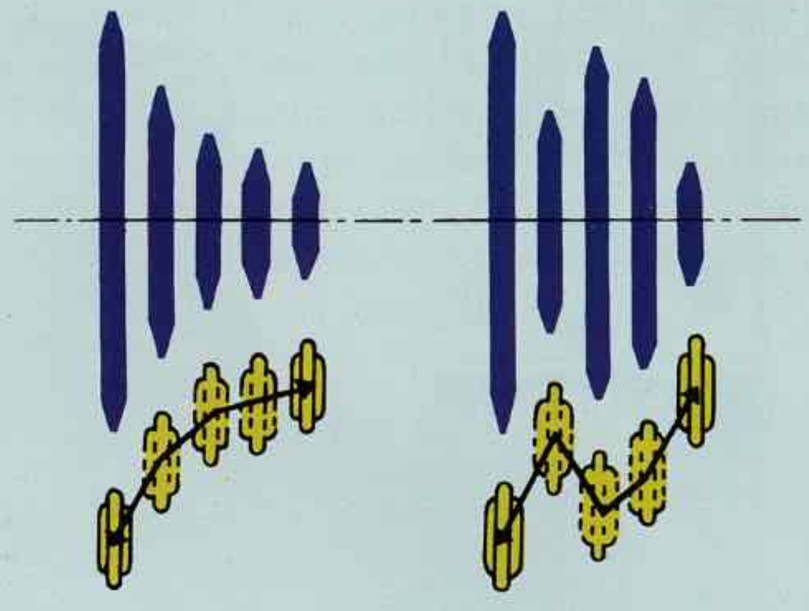


Model DC-110

SHIMANO-500-GS

SPECIFICATIONS

Capacity: Front Difference
14 Teeth or Less
Rear Largest Sprocket
34 Teeth or Less
Weight: 11.9 oz. (340 g)
Material: Light Alloy and Steel
Type: Servo Panta Mechanism



Servo Panta Mechanism

With the servo pantograph system, no matter how the teeth are assembled, or even if the front double gear is used, the distance between the sprocket teeth and the guide pulley remains practically the same. The special automatic movement of the guide pulley leads the chain, so lever operation is light and gear changes are smooth. The cable saver is included on the Lark and Eagle models.

Capacity

A. Front Derailleur Capacity

This represents the range of a front derailleur in terms of the difference in the number of teeth between the largest and the smallest chain rings of the front chainwheel.

EXAMPLE:

Capacity: 14 teeth or less

In this case, the difference should be 14 teeth or less. If it is greater than 15, the front derailleur will not function properly.

B. Rear Derailleur Capacity

This expresses the range of a rear derailleur in terms of the difference in number of teeth between the largest and the smallest chain rings of the front chainwheel and the number of teeth of the largest multiple freewheel sprocket (low side).

EXAMPLE:

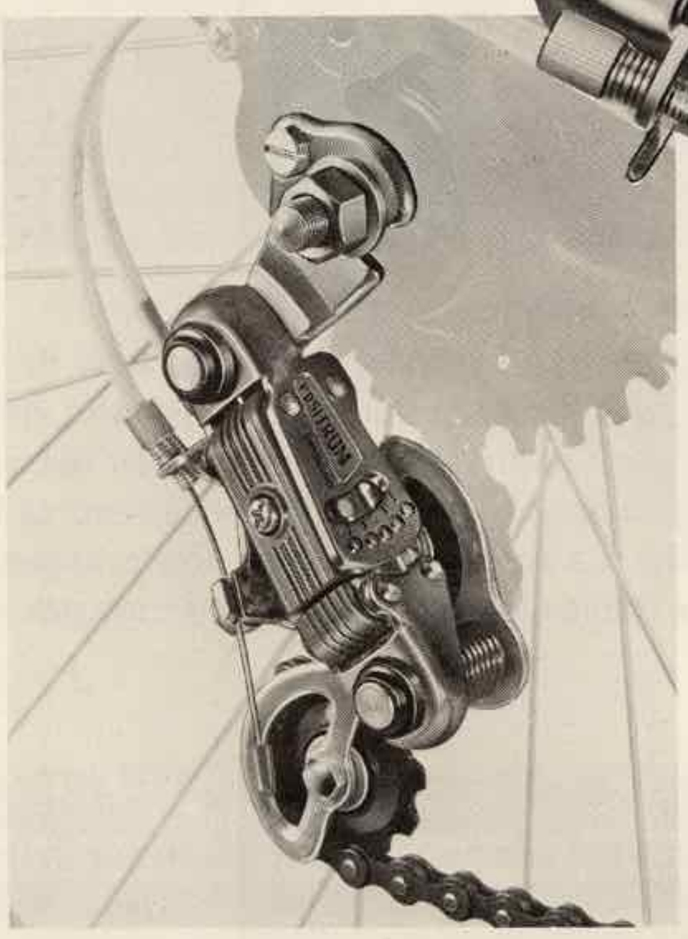
Capacity: Front chainwheel difference: 14 teeth or less
Rear Largest Sprocket: (low side) 28 teeth or less

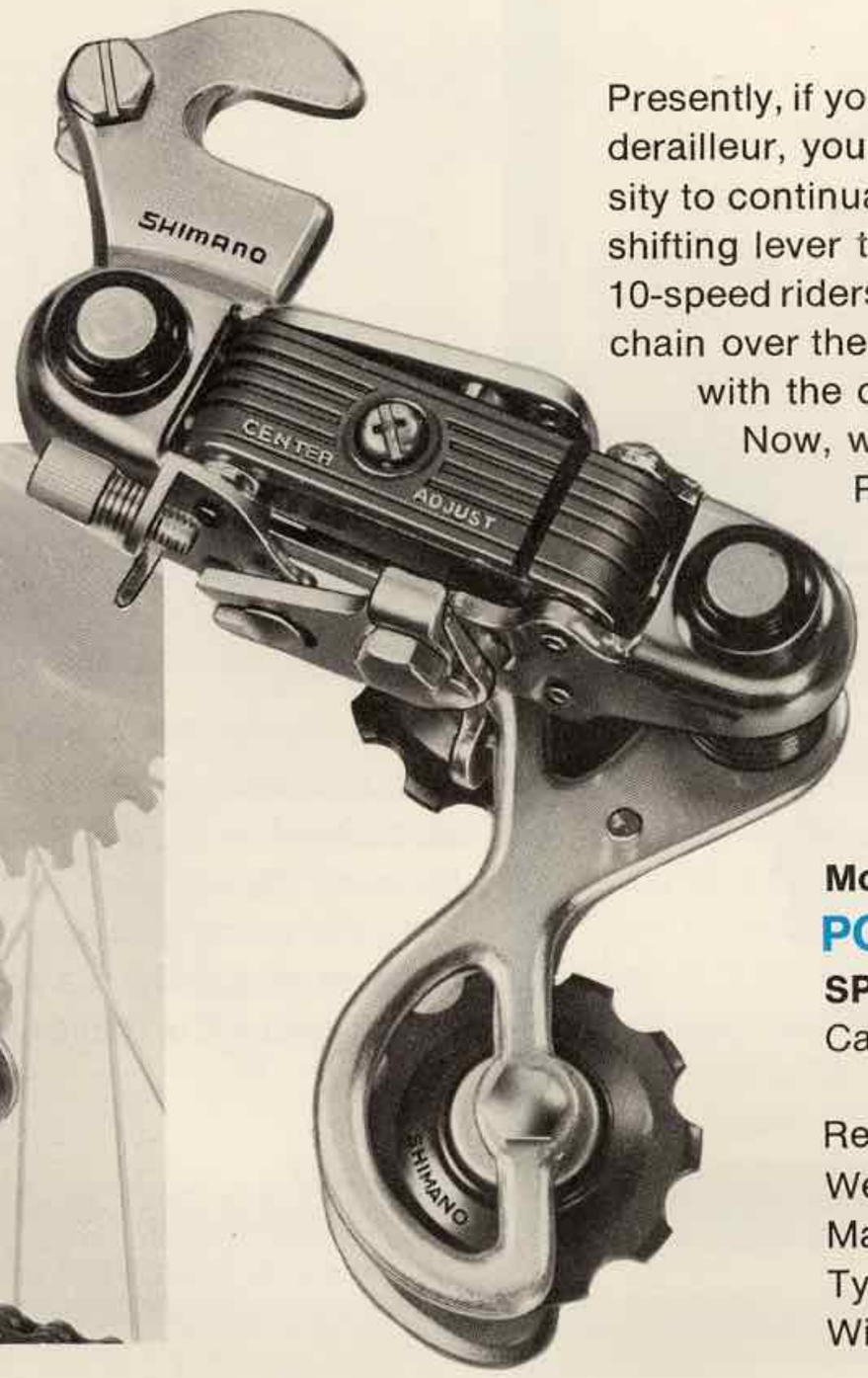
Should this be the case, the difference in tooth number mentioned above must be 14 teeth or less, and the tooth number of the largest multiple freewheel sprocket (low side) 28 or less.

SHIMANO Rear Derailleurs

new

POSITRON





Presently, if you ride with a conventional 10-speed derailleur, you probably have noticed the necessity to continually make minute adjustments of the shifting lever to remain in gear. In fact, many new 10-speed riders do not learn how to center their chain over the rear sprocket, and they ride along with the chain skipping and making noise.

Now, with the new Shimano POSITRON Rear Derailleur, anyone can make positive, smooth gear changes with complete accuracy.

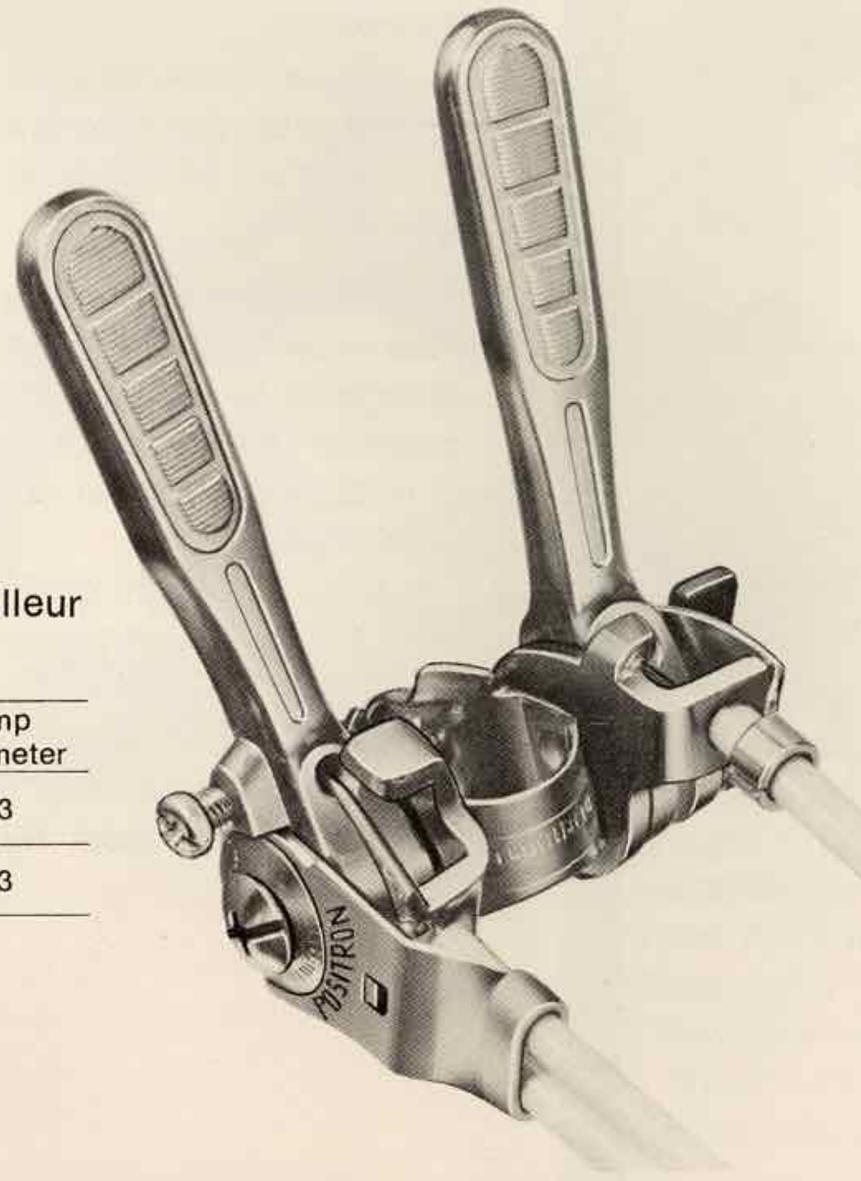
You don't need to make minor adjustments.

Model DG-100

POSITRON

SPECIFICATIONS

Capacity: Front Difference: 18 Teeth or Less
Rear Largest Sprocket : 34 Teeth or Less
Weight: 12.0 oz (340g)
Material: Steel
Type: Servo Panta Mechanism
With Positron Lever





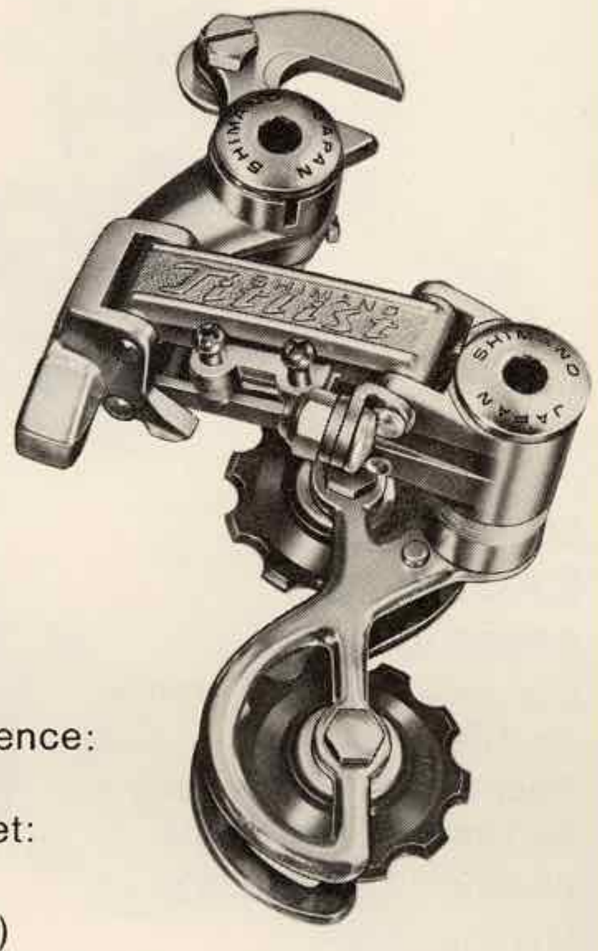
Model LB-500

POSITRON LEVER

SPECIFICATIONS

Material: Light Alloy
Use: Positron Rear Derailleur Only

Type	Attachment Position	Clamp Diameter
Double Lever	Handle Stem	0.833
Single Lever	Handle Stem	0.833

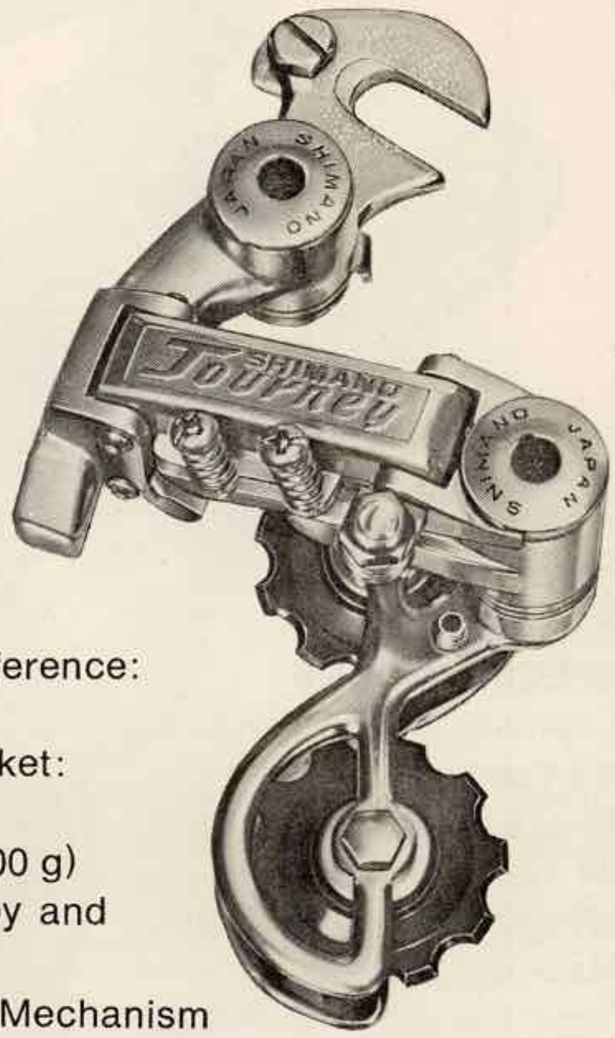


Model DB-200

TITLIST

SPECIFICATIONS

Capacity: Front Difference:
14 Teeth or Less
Rear Largest Sprocket:
28 Teeth or Less
Weight: 9.9 oz. (280 g)
Material: Light Alloy (Body), Steel (Cage Plate)
Type: Servo Panta Mechanism

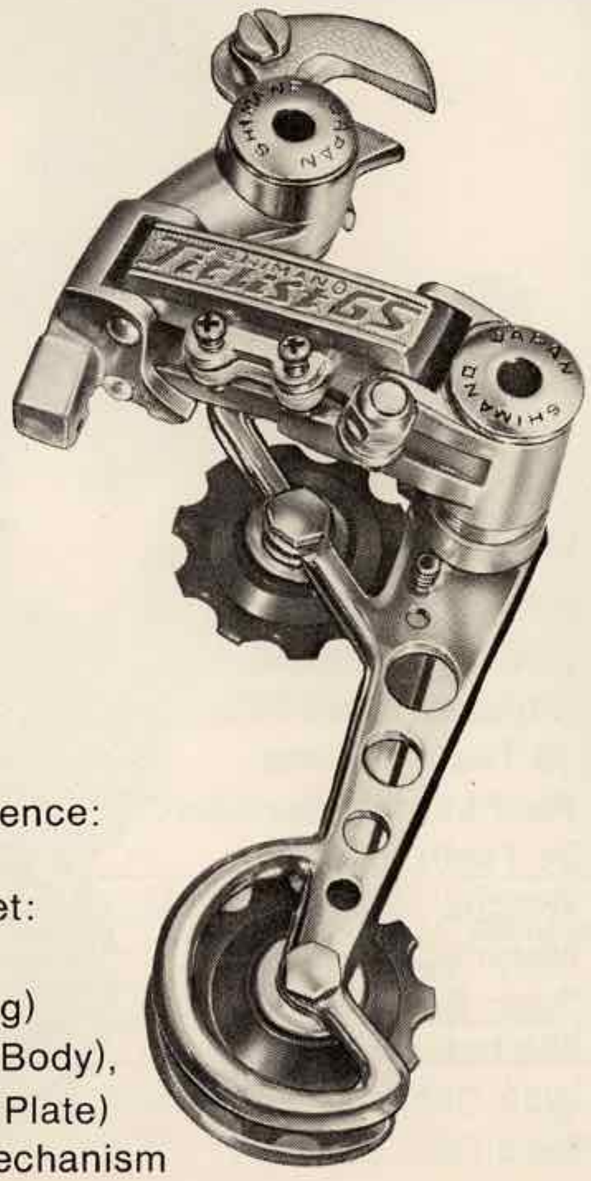


Model DB-300

TOURNEY

SPECIFICATIONS

Capacity: Front Difference:
14 Teeth or Less
Rear Largest Sprocket:
28 Teeth or Less
Weight: 10.6 oz. (300 g)
Material: Light Alloy and Steel
Type: Servo Panta Mechanism

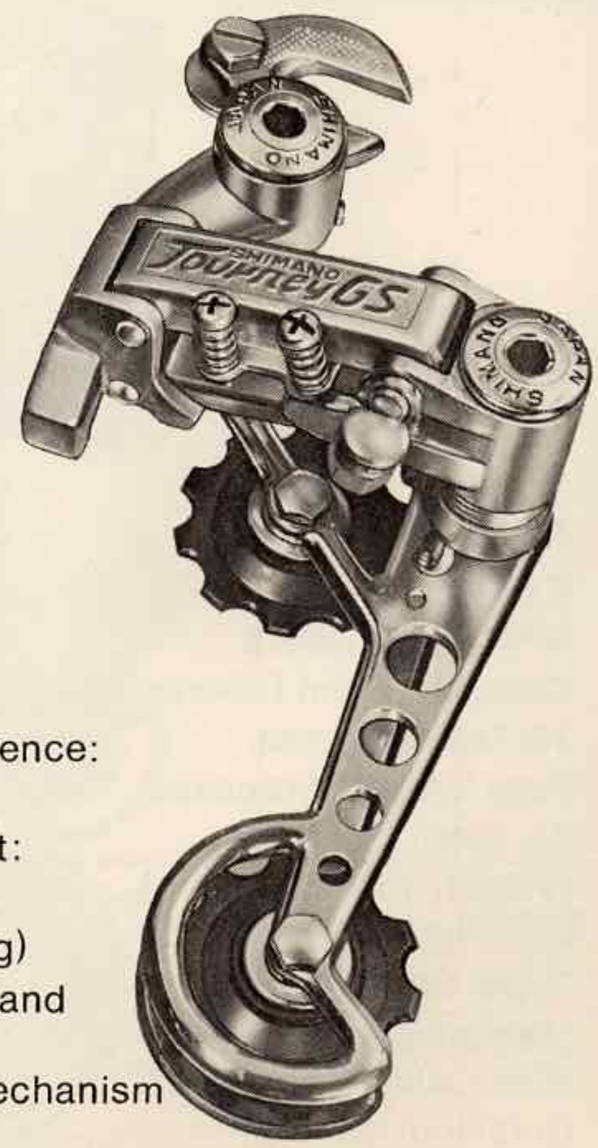


Model DB-210

TITLIST-GS

SPECIFICATIONS

Capacity: Front Difference:
14 Teeth or Less
Rear Largest Sprocket:
34 Teeth or Less
Weight: 10.9 oz. (310 g)
Material: Light Alloy (Body), Steel (Cage Plate)
Type: Servo Panta Mechanism



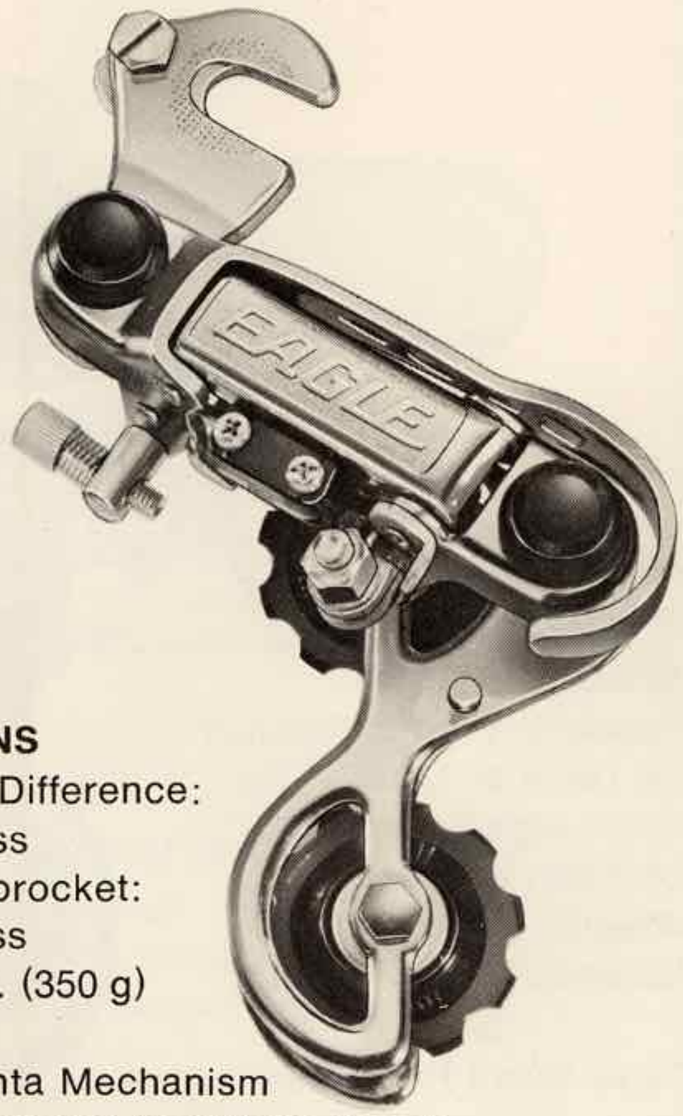
Model DB-310

TOURNEY-GS

SPECIFICATIONS

Capacity: Front Difference:
14 Teeth or Less
Rear Largest Sprocket:
34 or Less
Weight: 11.6 oz. (330 g)
Material: Light Alloy and Steel
Type: Servo Panta Mechanism

SHIMANO Rear Derailleurs



Model DE-100

EAGLE

SPECIFICATIONS

Capacity: Front Difference:
14 Teeth or Less
Rear Largest Sprocket:
34 Teeth or Less
Weight: 12.3 oz. (350 g)
Material: Steel
Type: Servo Panta Mechanism
With Cable Saver and Derailleur Guard.

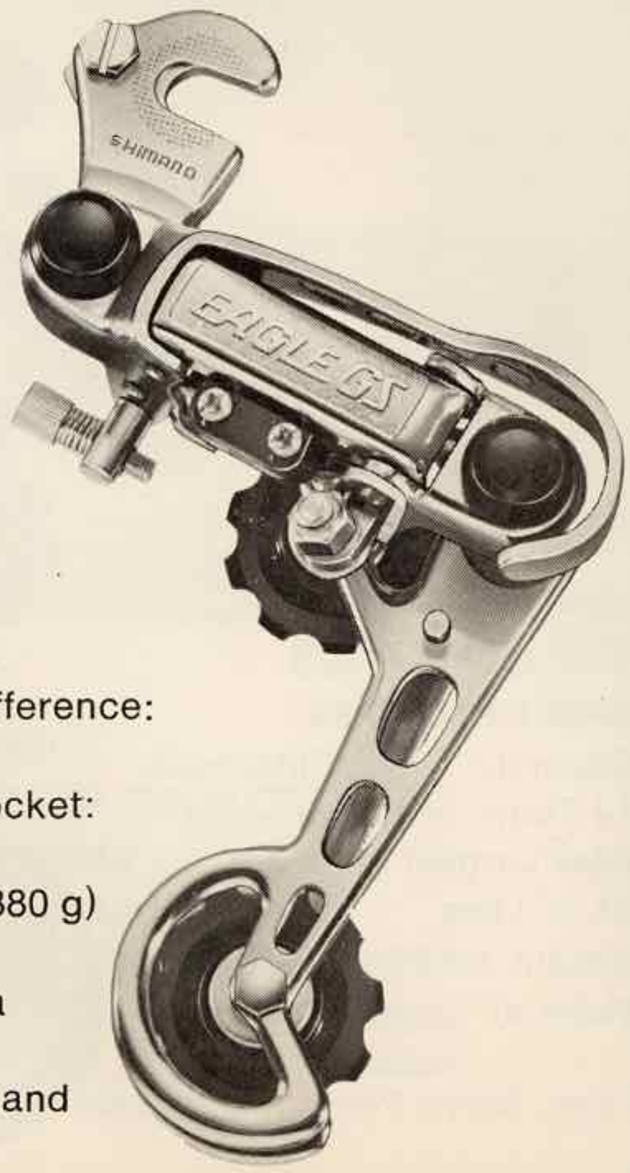


Model DE-200

EAGLE-SPO

SPECIFICATIONS

Capacity: Front Difference:
14 Teeth or Less
Rear Largest Sprocket:
34 Teeth or Less
Weight: 12.3 oz. (350 g)
Material: Steel
Type: Servo Panta Mechanism
With Cable Saver and Derailleur Guard.

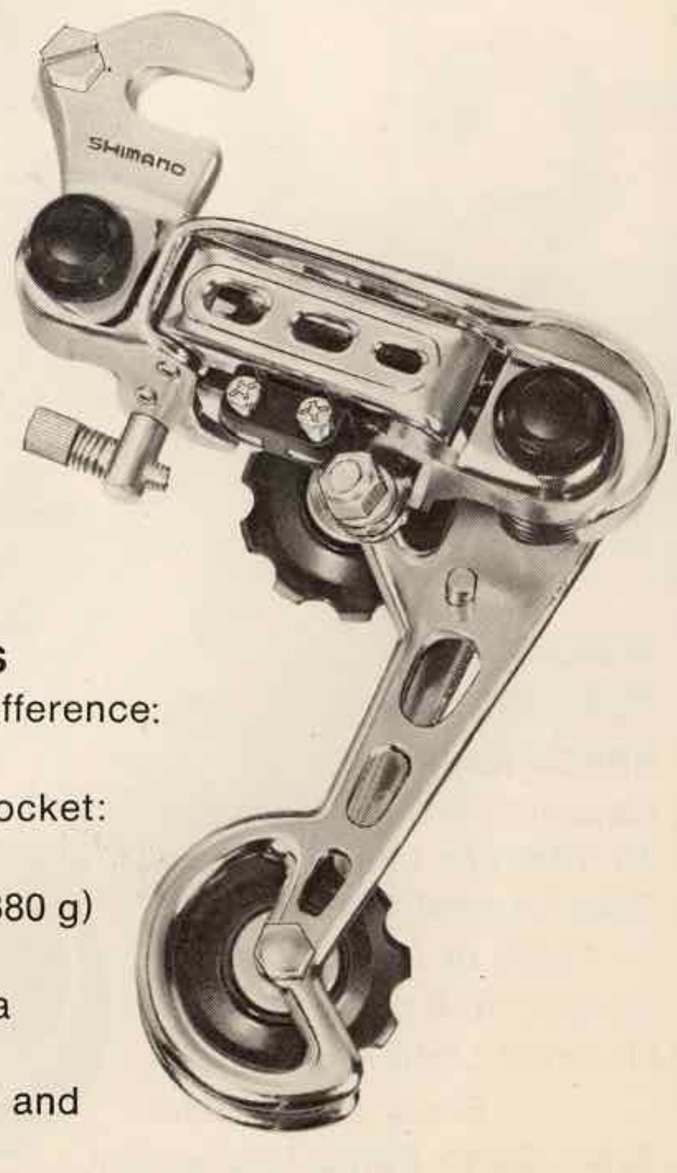


Model DE-110

EAGLE-GS

SPECIFICATIONS

Capacity: Front Difference:
18 Teeth or Less
Rear Largest Sprocket:
34 Teeth or Less
Weight: 13.4 oz. (380 g)
Material: Steel
Type: Servo Panta Mechanism
With Cable Saver and Derailleur Guard.



Model DE-210

EAGLE-GPO

SPECIFICATIONS

Capacity: Front Difference:
18 Teeth or Less
Rear Largest Sprocket:
34 Teeth or Less
Weight: 13.4 oz (380 g)
Material: Steel
Type: Servo Panta Mechanism
With Cable Saver and Derailleur Guard.



Model DD-100

LARK-SS

SPECIFICATIONS

Capacity: Front Difference:
14 Teeth or Less
Rear Largest Sprocket:
34 Teeth or Less
Weight: 11.3 oz. (320 g)
Material: Steel
Type: Servo Panta Mechanism
With Cable Saver.

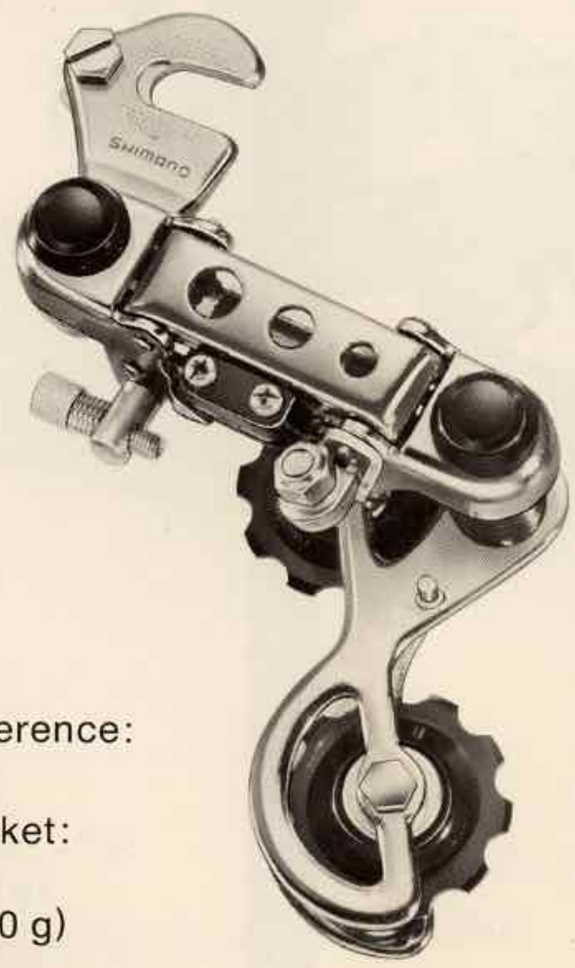


Model DD-500

SKY LARK

SPECIFICATIONS

Capacity: Front Difference:
14 Teeth or Less
Rear Largest Sprocket:
34 Teeth or Less
Weight: 11.3 oz. (320 g)
Material: Steel
Type: Servo Panta Mechanism



Model DD-200

LARK-SPO

SPECIFICATIONS

Capacity: Front Difference:
14 Teeth or Less
Rear Largest Sprocket:
34 Teeth or Less
Weight: 10.9 oz. (310 g)
Material: Steel
Type: Servo Panta Mechanism
With Cable Saver.



Model DD-300

LARK-W

SPECIFICATIONS

Capacity: Front Difference:
14 Teeth or Less
Rear Largest Sprocket:
34 Teeth or Less
Weight: 12.7 oz. (360 g)
Material: Steel
Type: Servo Panta Mechanism
With Special Twist Grip Control Lever.

SHIMANO Front Derailleurs

new

Model EC-200

SHIMANO-60

SPECIFICATIONS

Capacity: 14 Teeth or Less
Weight: 3.7 oz. (105 g)
Material: Light Alloy
Type: Lower Inlet Type 1-1/8″



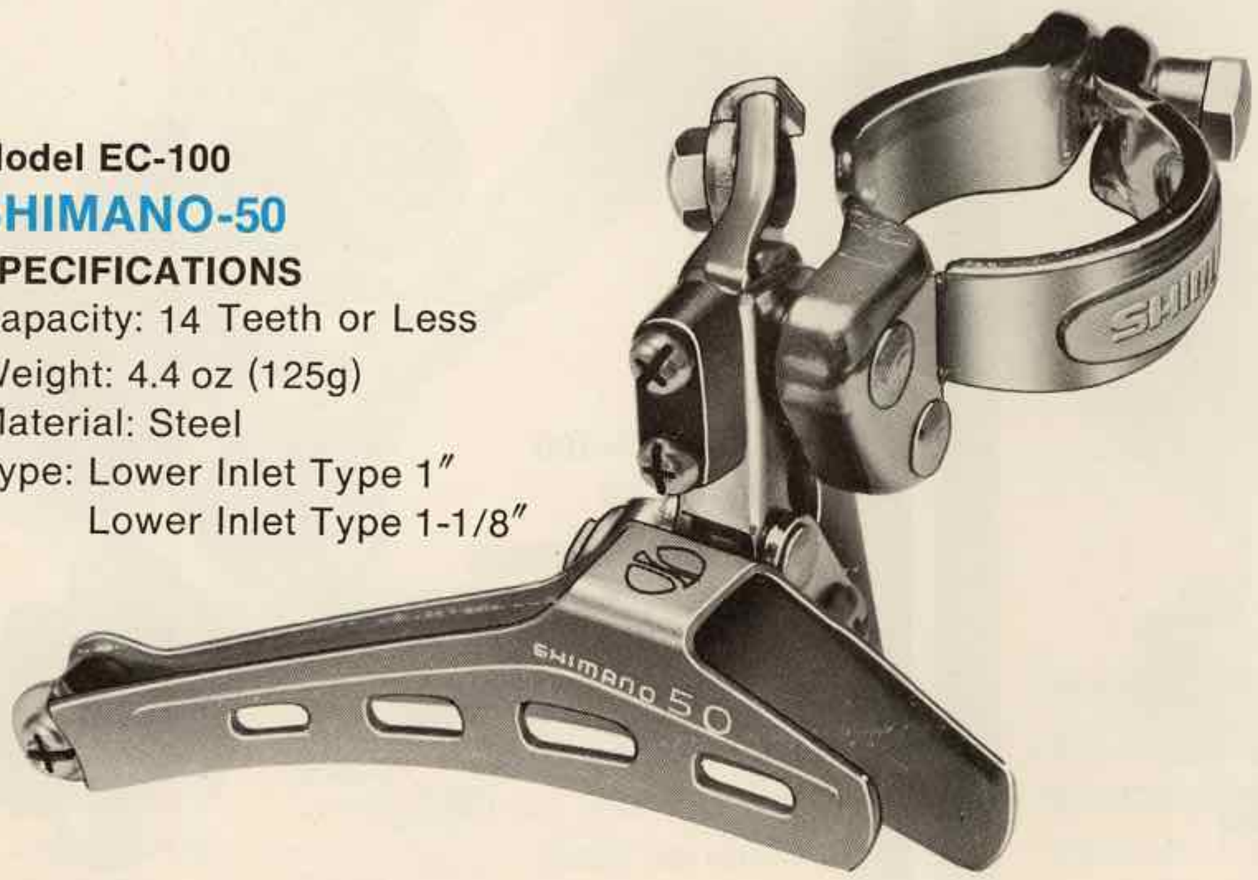
new

Model EC-100

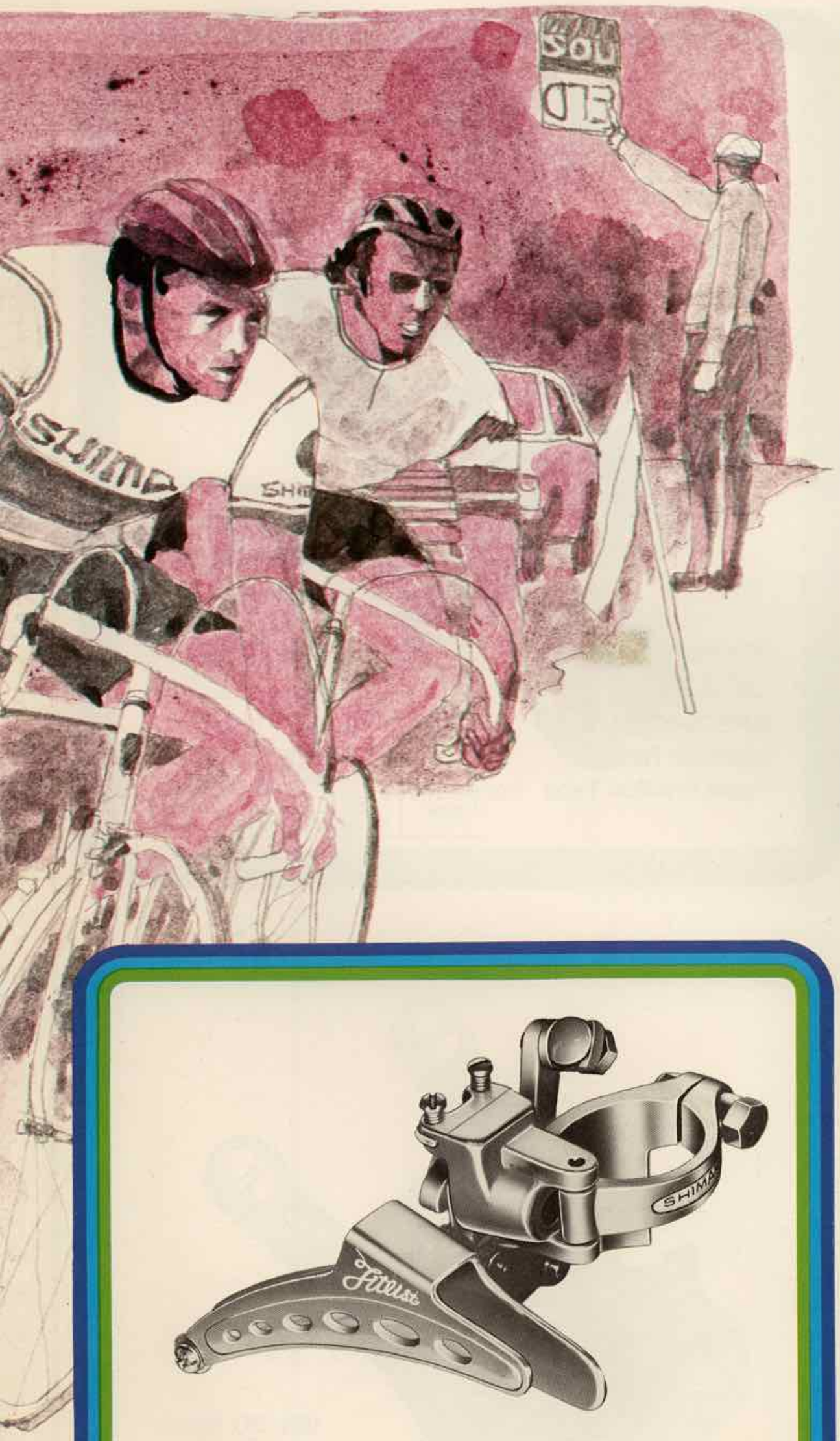
SHIMANO-50

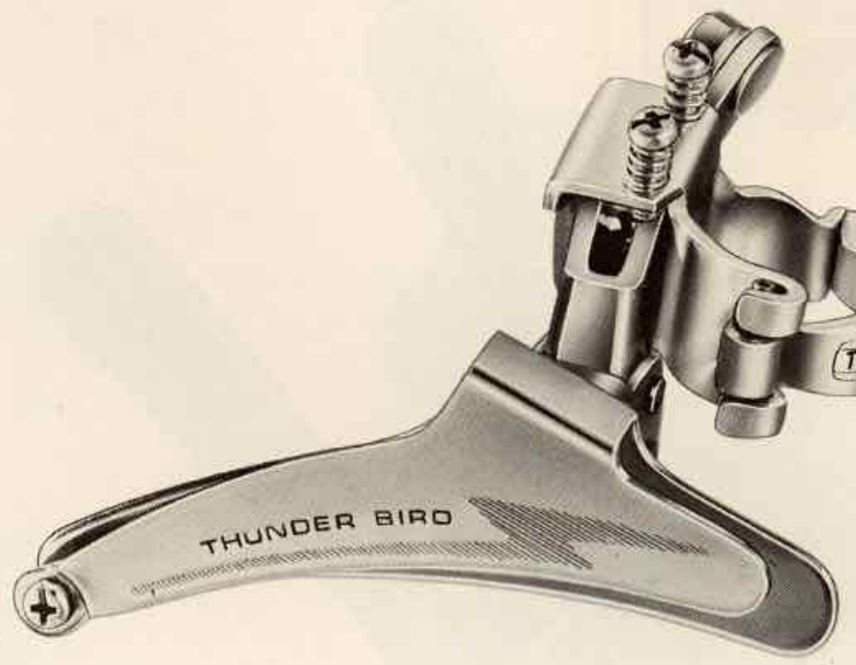
SPECIFICATIONS

Capacity: 14 Teeth or Less
Weight: 4.4 oz (125g)
Material: Steel
Type: Lower Inlet Type 1″
Lower Inlet Type 1-1/8″









Model ED-100

THUNDER BIRD

SPECIFICATIONS

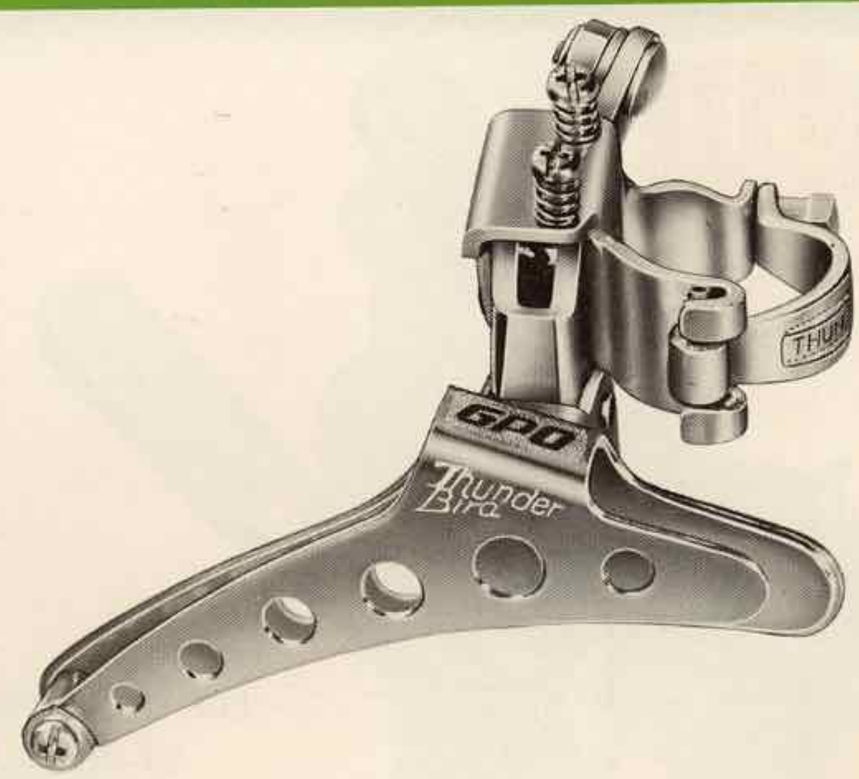
Capacity: 16 Teeth or Less
Weight: 6.7 oz. (190 g)
Material: Steel
Type: Upper Inlet Type 1″ Upper Inlet Type 1-1/8″
Lower Inlet Type 1″ Lower Inlet Type 1-1/8″

Model EB-100

TITLIST

SPECIFICATIONS

Capacity: 16 Teeth or Less
Weight: 4.9 oz. (140 g)
Material: Light Alloy (body), Steel (Chain Guide)
Type: Lower Inlet Type 1-1/8″
Lower Inlet Type 1″



Model ED-200

THUNDER BIRD GPO

SPECIFICATIONS

Capacity: 16 Teeth or Less
Weight: 6.5 oz. (185 g)
Material: Steel
Type: Upper Inlet Type 1″ Upper Inlet Type 1-1/8″
Lower Inlet Type 1″ Lower Inlet Type 1-1/8″

SHIMANO Shifting Levers

new



Model LB-160

QB-LEVER

SPECIFICATIONS

Material: Light Alloy

Type: Friction Type

Type	Attachment Position	Clamp Diameter
Double Lever	Down and Top Tube	1″, 1-1/8″
	Handle Stem	0.833″
Single Lever	Down and Top Tube	1″, 1-1/8″
	Handle Stem	0.833″

new



Model LB- 170

QP-LEVER

SPECIFICATIONS

Material: Resin

Type: Friction Type

Type	Attachment Position	Clamp Diameter
Double Lever	Down and Top Tube	1″ 1-1/8″
	Handle Stem	0.833″
Single Lever	Down and Top Tube	1″ 1-1/8″
	Handle Stem	0.833″

new



Model LB-150

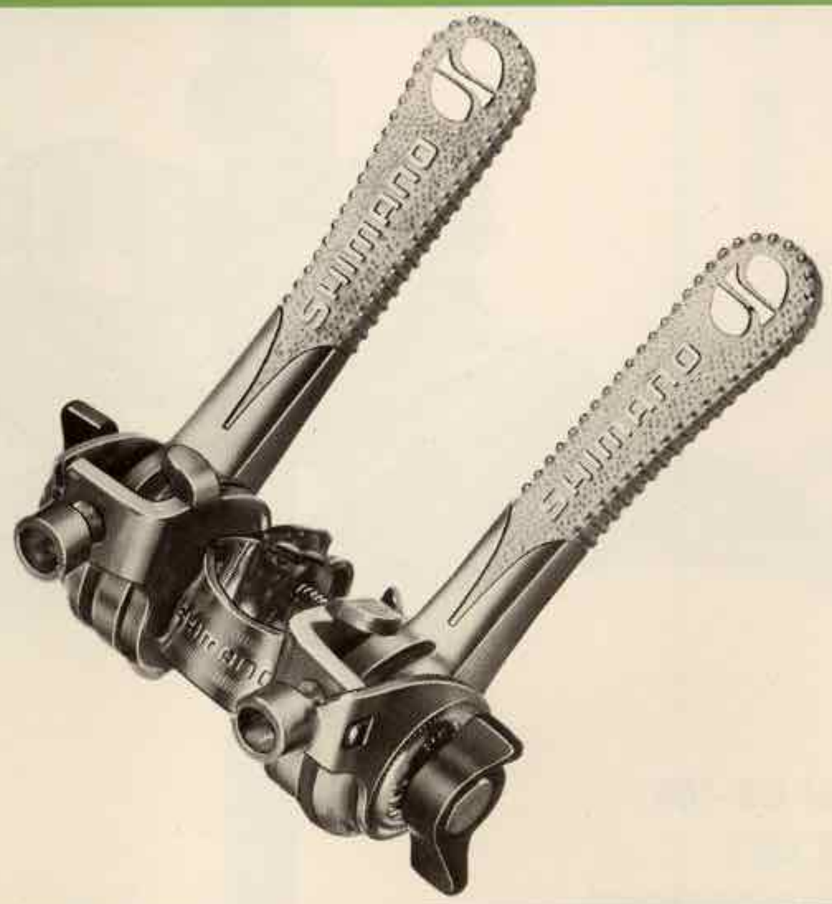
QS-LEVER

SPECIFICATIONS

Material: Light Alloy

Type: Friction Type

Type	Attachment Position	Clamp Diameter
Double Lever	Down and Top Tube	1″, 1-1/8″
	Handle Stem	0.833″
Single Lever	Down and Top Tube	1″, 1-1/8″
	Handle Stem	0.833″



Model LB-100

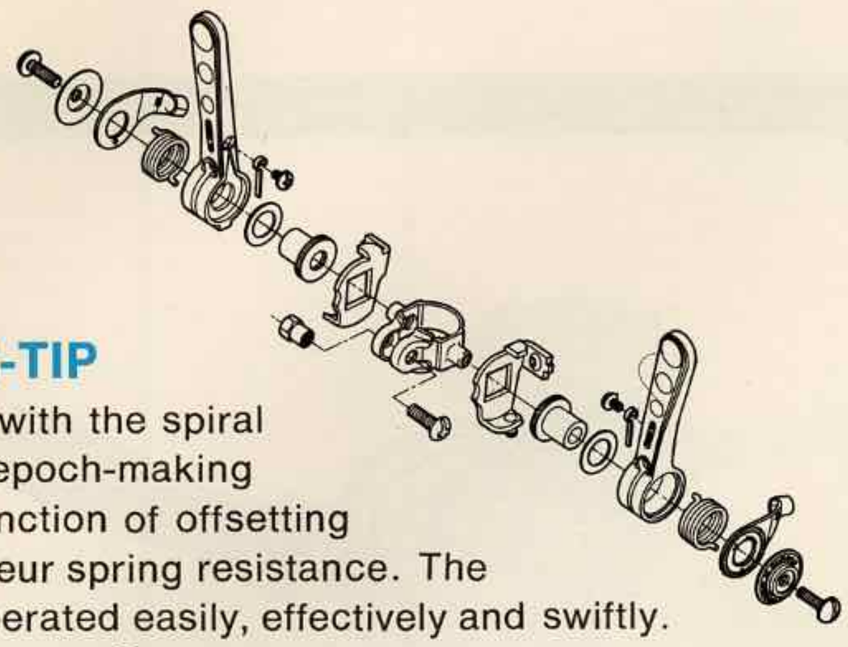
ALMI LEVER

SPECIFICATIONS

Material: Light Alloy

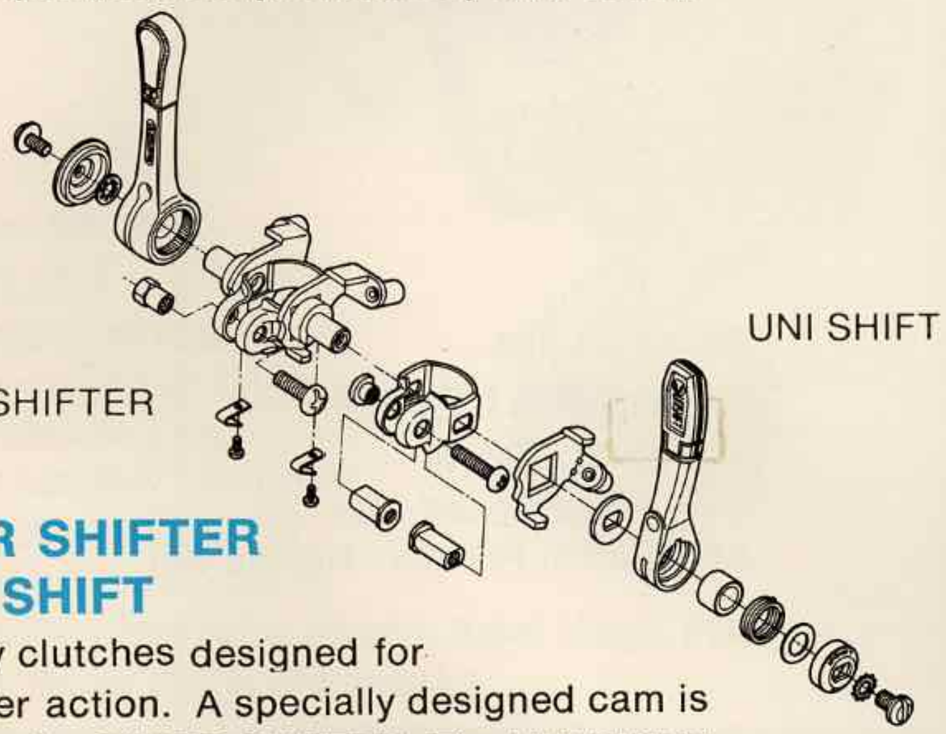
Type: Friction Type

Type	Attachment Position	Clamp Diameter
Double Lever	Down and Top Tube	1″, 1-1/8″
	Handle Stem	0.833″
Single Lever	Down and Top Tube	1″, 1-1/8″
	Handle Stem	0.833″



FINGER-TIP

The lever with the spiral spring is epoch-making with its function of offsetting the derailleur spring resistance. The lever is operated easily, effectively and swiftly.

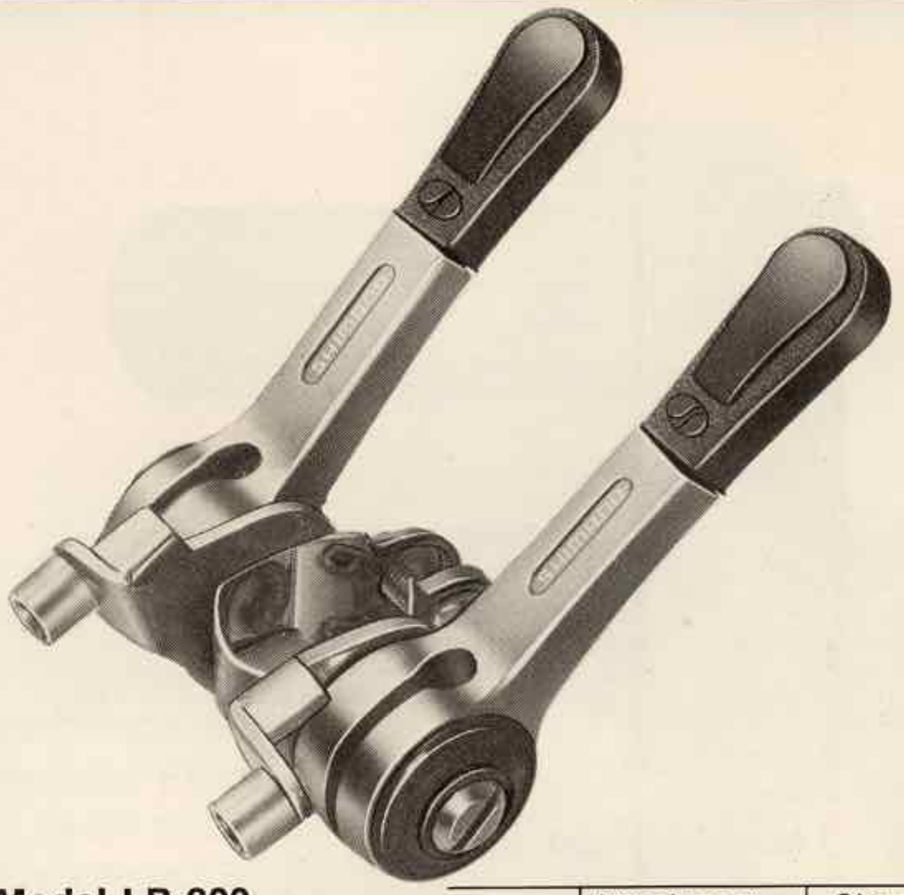


SUPER SHIFTER

UNI SHIFT

SUPER SHIFTER & UNI SHIFT

One-way clutches designed for light lever action. A specially designed cam is built into the SUPER SHIFTER. The UNI SHIFT incorporates a special spring.



Model LB-300

SUPER SHIFTER

SPECIFICATIONS

Material: Light Alloy

Type: One Way Clutch (With Special Cam)

Type	Attachment Position	Clamp Diameter
Double Lever	Down and Top Tube	1″, 1-1/8″
	Handle Stem	0.833″
Single Lever	Down and Top Tube	1″, 1-1/8″
	Handle Stem	0.833″



Model LB-400

FINGER-TIP

SPECIFICATIONS

Material: Light Alloy

Type: With Spiral Spring (Balance Spring)

Type	Attachment Position	Clamp Diameter
Double Lever	Down and Top Tube	1″, 1-1/8″
	Handle Stem	0.833″
Single Lever	Down and Top Tube	1″, 1-1/8″
	Handle Stem	0.833″



Model LB-200

UNI SHIFT

SPECIFICATIONS

Material: Light Alloy

Type: One Way Clutch (With Special Spring)

Type	Attachment Position	Clamp Diameter
Double Lever	Down Tube	1-1/8″
	Handle Stem	0.833″
Single Lever	Down Tube	1-1/8″
	Handle Stem	0.833″

SHIMANO Shifting Levers



Model LD-400

W-GRIP CONTROL LEVER

SPECIFICATIONS

Use: 5-Speed Lark-W Derailleur Only
Attachment Position: Handle Bar

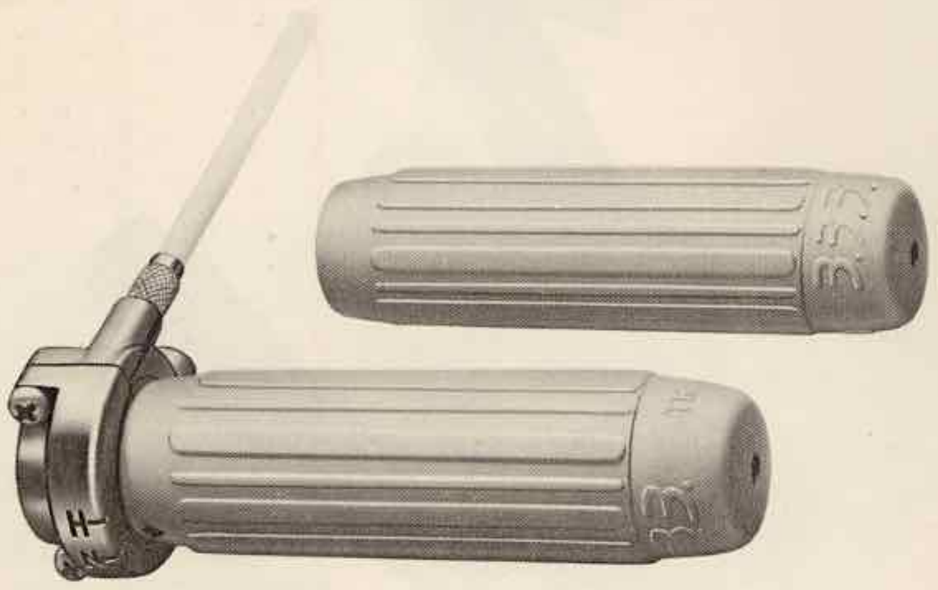


Model LD-200

TRIGGER LEVER

SPECIFICATIONS

Use: Three Speed Hub
Attachment Position: Handle Bar



Model LD-300

TWIST GRIP CONTROL

SPECIFICATIONS

Use: Three Speed Hub
Attachment Position: Handle Bar-End



SHIMANO Freewheels



Models FC-300 (Standard)
FC-330 (with Seal & Top Protector)

MULTIPLE FREEWHEELS

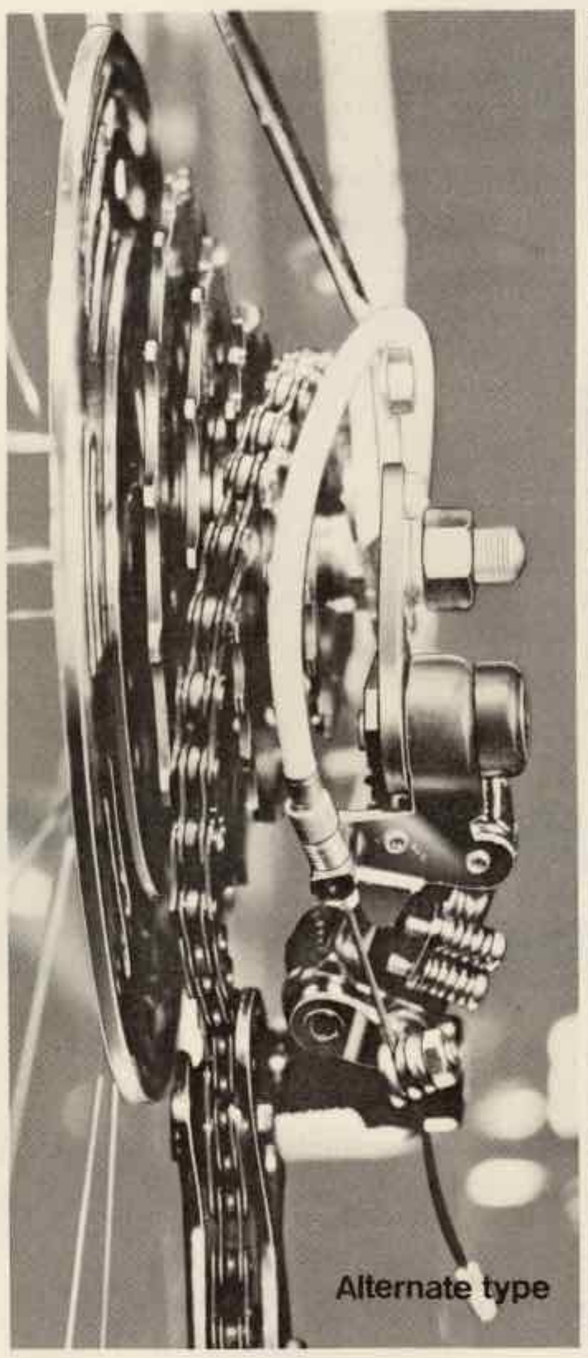
SPECIFICATIONS

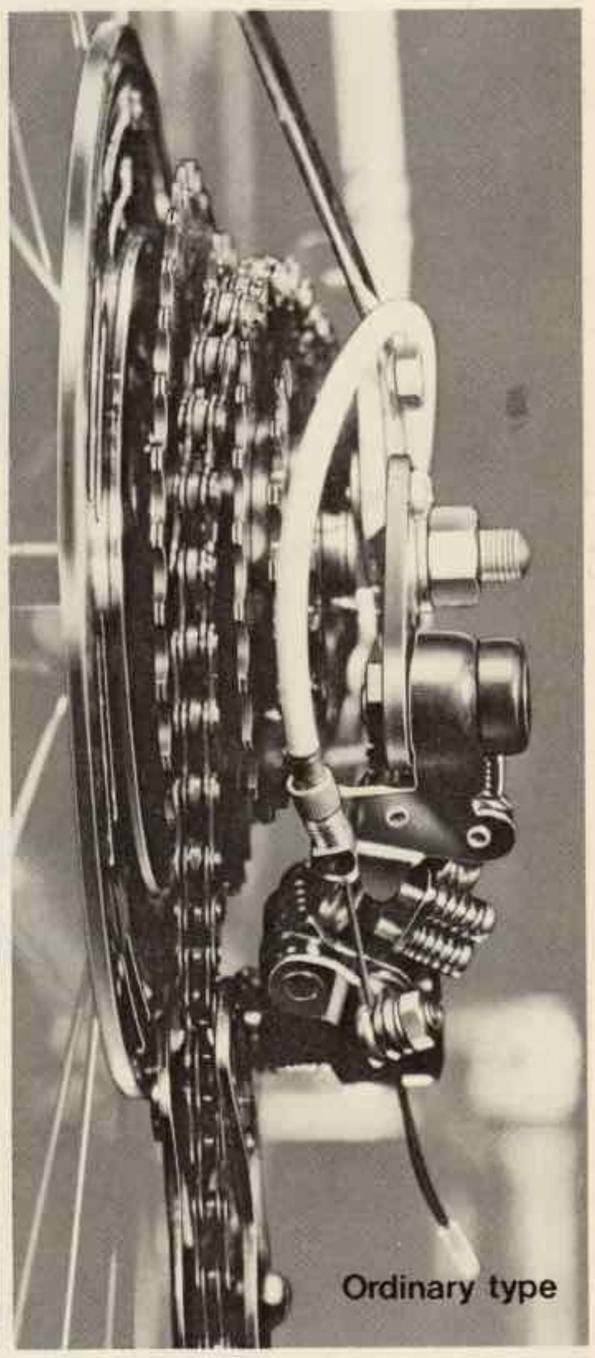
Standard Sprocket: 1/2″ x 3/32″ Chain (2mm)
Thread: 1.37″ x 24″ T.P.I.
Standard Sprocket Combinations: 5-speed

15, 17, 19, 21, 24T	14, 17, 21, 26A, 32AT (LT)
14, 17, 20, 24, 28T	14, 17, 22, 28A, 34AT
14, 17, 22, 27, 32T	14, 17, 22, 28A, 34AT (LT)
14, 17, 21, 26A, 32AT	

(LT): with Seal and Top Protector
A : Alternate Teeth Sprocket

A new wide range of freewheels has just been introduced by Shimano. This rear cluster has a broad range of gears, for example, starting with 14, and going to 17-22-28 and 34 teeth. Available in Regular Type; with Top Protector, with Seal and Alternate Teeth Type. Easily removed from the hub with a special tool. The spline system makes it possible to change the sprockets. Every other tooth in the two ultra-low (big) gears has been removed. This makes it easier to shift up into these low gears because the chain does not "hang up".







Model FB-100

SINGLE FREEWHEEL

Thread: 1.37″ x 24 T.P.I.
Sprocket

1/2″ x 1/8″ x 16 teeth	1/2″ x 1/8″ x 20 teeth
1/2″ x 1/8″ x 18 teeth	1/2″ x 1/8″ x 22 teeth
1/2″ x 1/8″ x 19 teeth	1/2″ x 1/8″ x 24 teeth

SHIMANO Hubs

new



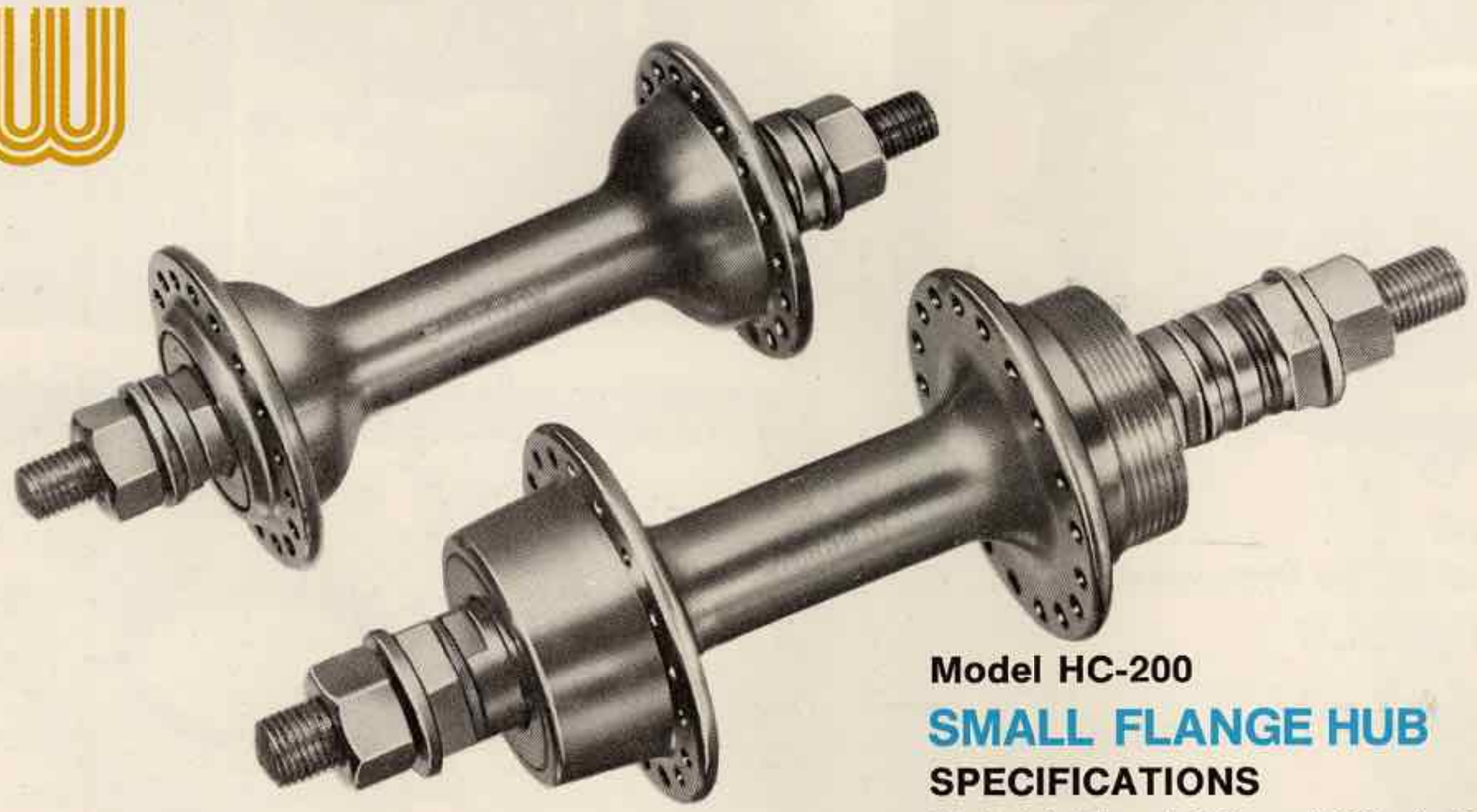
Model HC-210

SMALL FLANGE HUB WITH QUICK RELEASE

SPECIFICATIONS

Weight: Front 8.3 oz (235 g), Rear 12.3 oz (350 g)
Material: Light Alloy
Type: Quick Release
Thread: 1.37″ x 24 T.P.I.
Over Lock Nut Dimensions:
Front 3.78″ (96mm), Rear 4.88″ (124mm)
Spoke Holes: 36 x 36H

new

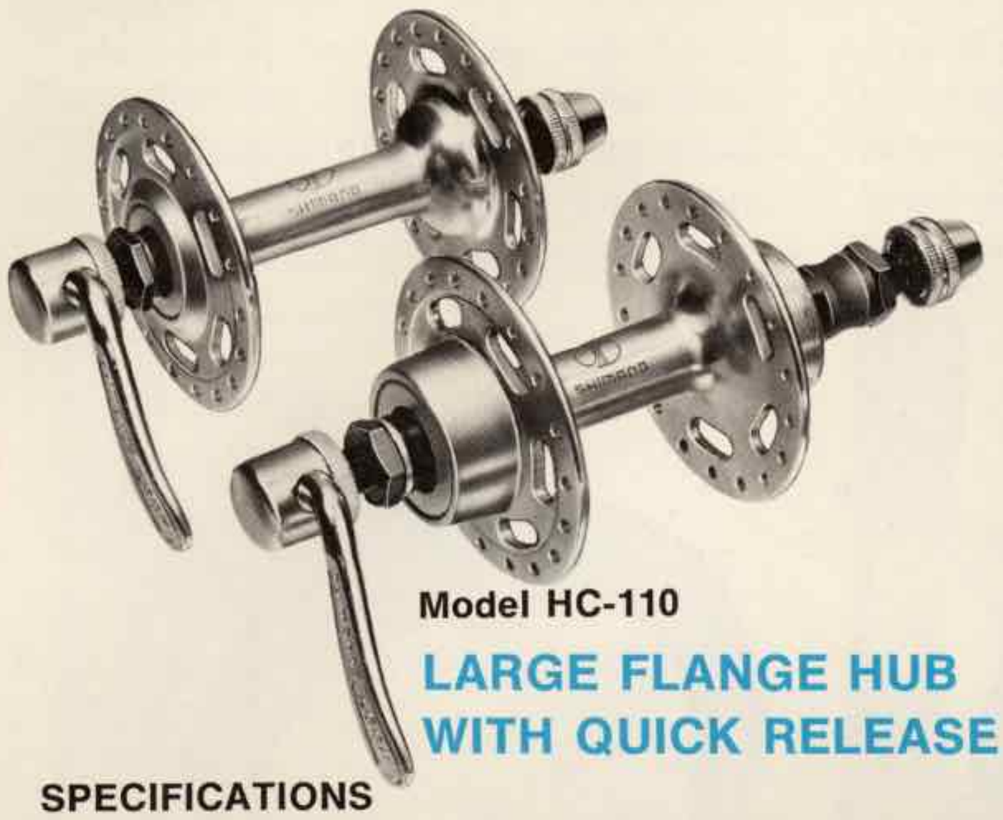


Model HC-200

SMALL FLANGE HUB

SPECIFICATIONS

Weight: Front 6.3 oz (180 g), Rear 10.9 oz (310 g)
Material: Light Alloy
Type: Solid Axle Type with Hub Nut
Thread: 1.37″ x 24 T.P.I.
Over Lock Nut Dimensions:
Front 3.78″ (96mm), Rear 4.48″ (124mm)
Spoke Holes: 36 x 36H

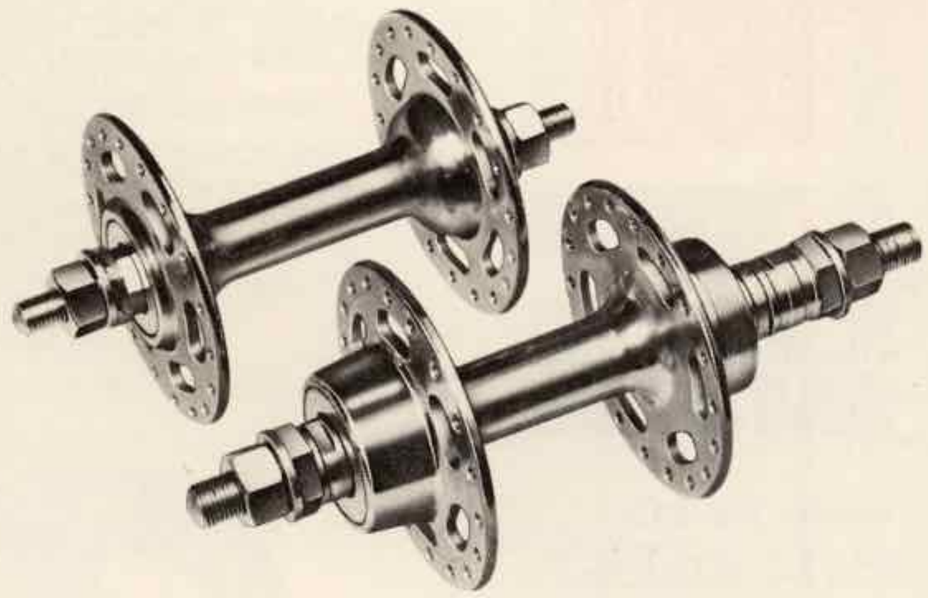


Model HC-110

LARGE FLANGE HUB WITH QUICK RELEASE

SPECIFICATIONS

Weight: Front 9.5 oz. (270 g), Rear 12.7 oz. (360 g)
Material: Light Alloy
Type: Quick Release
Thread: 1.37″ x 24 T.P.I.
Over Lock Nut Dimensions:
Front 3.78″ (96mm), Rear 4.88″ (124mm)
Spoke Holes: 36 x 36H

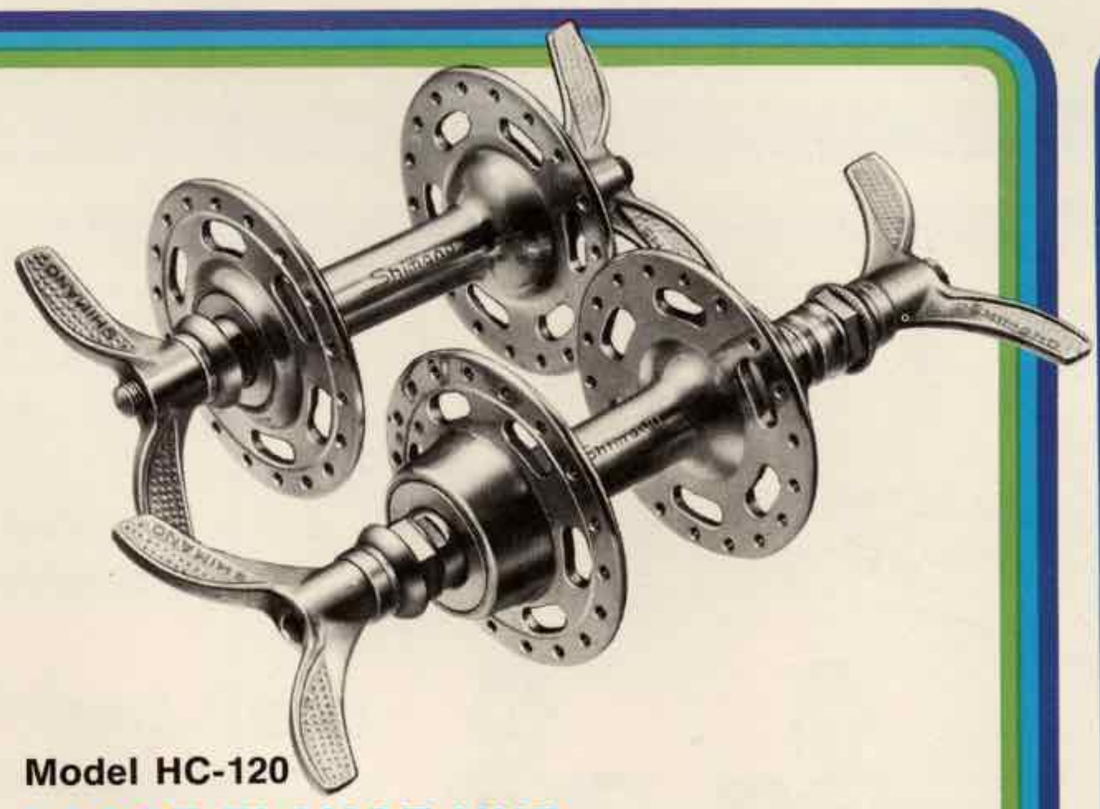


Model HC-100

LARGE FLANGE HUB

SPECIFICATIONS

Weight: Front 7.4 oz. (210 g), Rear 11.6 oz. (330 g)
Material: Light Alloy
Type: Solid Axle Type with Hub Nut
Thread: 1.37″ x 24 T.P.I.
Over Lock Nut Dimensions:
Front 3.78″ (96mm), Rear 4.88″ (124mm)
Spoke Holes: 36 x 36H

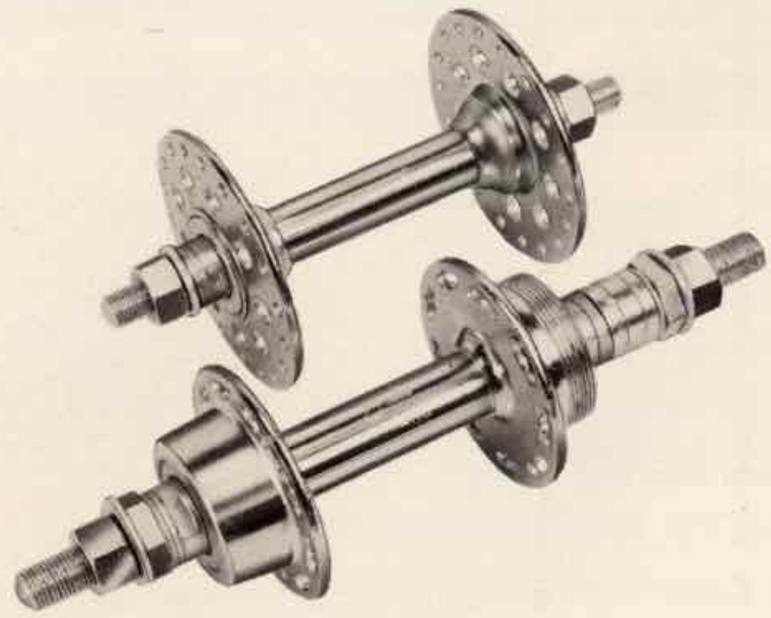


Model HC-120

LARGE FLANGE HUB WITH WING NUT

SPECIFICATIONS

Weight: Front 8.2 oz. (230 g), Rear 12.3 oz. (350 g)
Material: Light Alloy
Type: Solid Axle Type with Wing Nut
Over Lock Nut Dimensions:
Front 3.87″ (96mm), Rear 4.88″ (124mm)
Spoke Holes: 36 x 36H



Model HD-100

STEEL HUB

SPECIFICATIONS

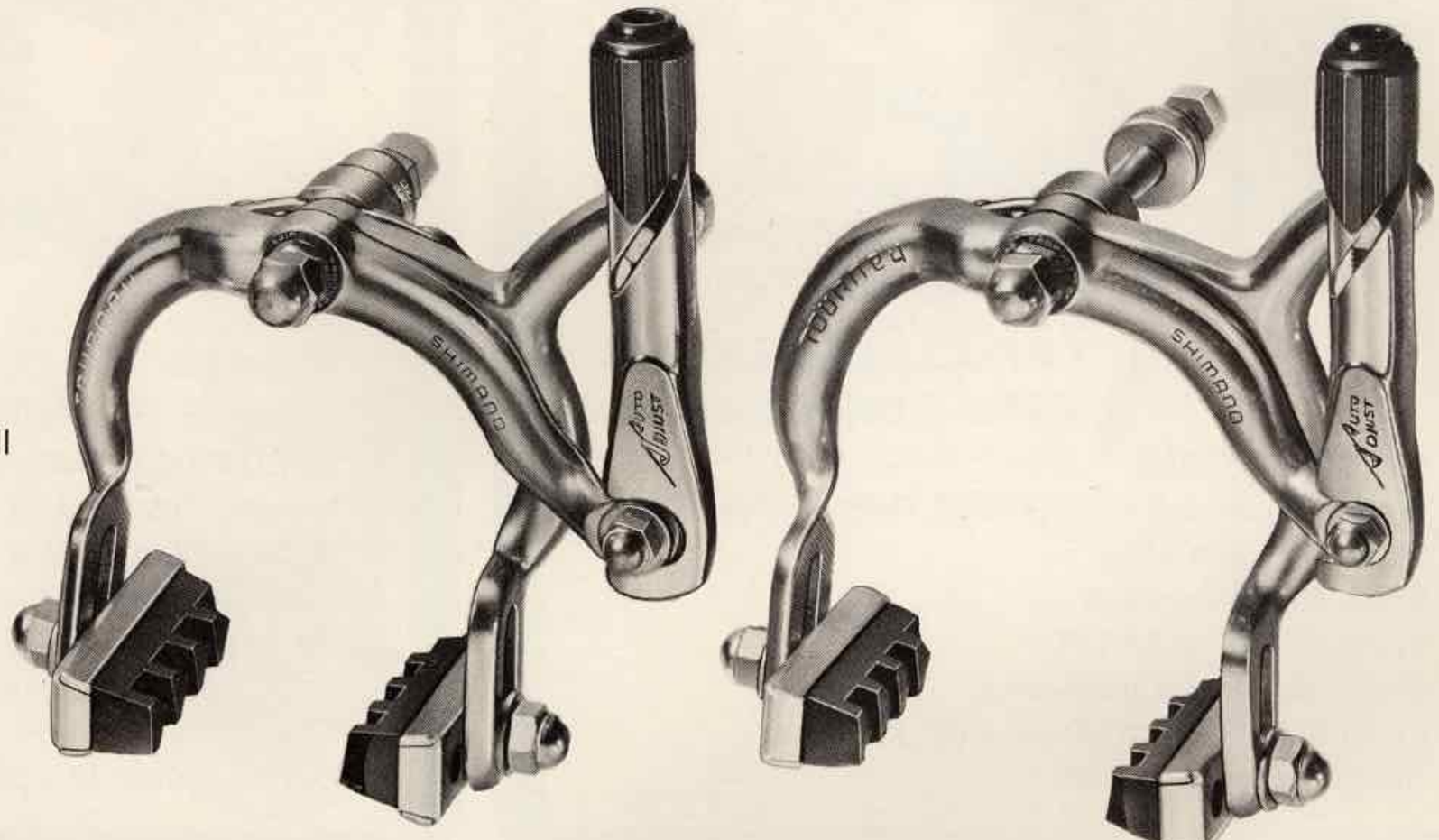
Weight: 15.9 oz. (450 g)
Material: Steel
Type: Solid Axle with Hub Nut
Over Lock Nut Dimensions:
Front 3.78″ (96mm), Rear 4.48″ (124mm)
Spoke Holes: 28H and 36H

SHIMANO Caliper Brakes

new

auto adjust

The AUTO ADJUST is designed to execute the automatic compensation of the rim-brake shoe clearances which change as brake shoes are worn or the brake wire is stretched. With the AUTO ADJUST, an optimum gap can always be maintained between the brake lever and the handle bar. As a result, greater riding safety is insured.



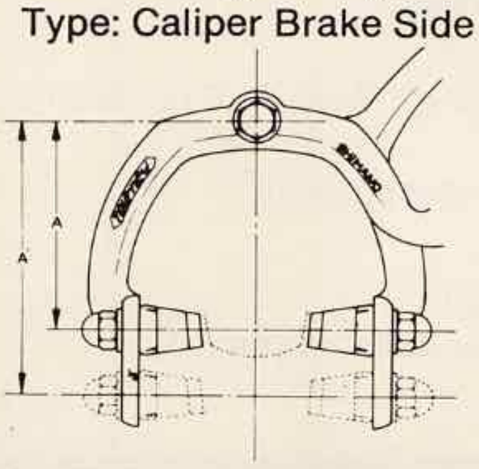
Model BB-210

AUTO ADJUST

SPECIFICATIONS

Material: Light Alloy

Type: Caliper Brake Side Pull



Standard	with Auto Adjust	A-A′
CS-79	CS-79A	61mm(2.4″) — 79mm(3.1″)
CS-72	CS-72A	54mm(2.1″) — 72mm(2.8″)

new

Model BE-100

CANTILEVER BRAKE

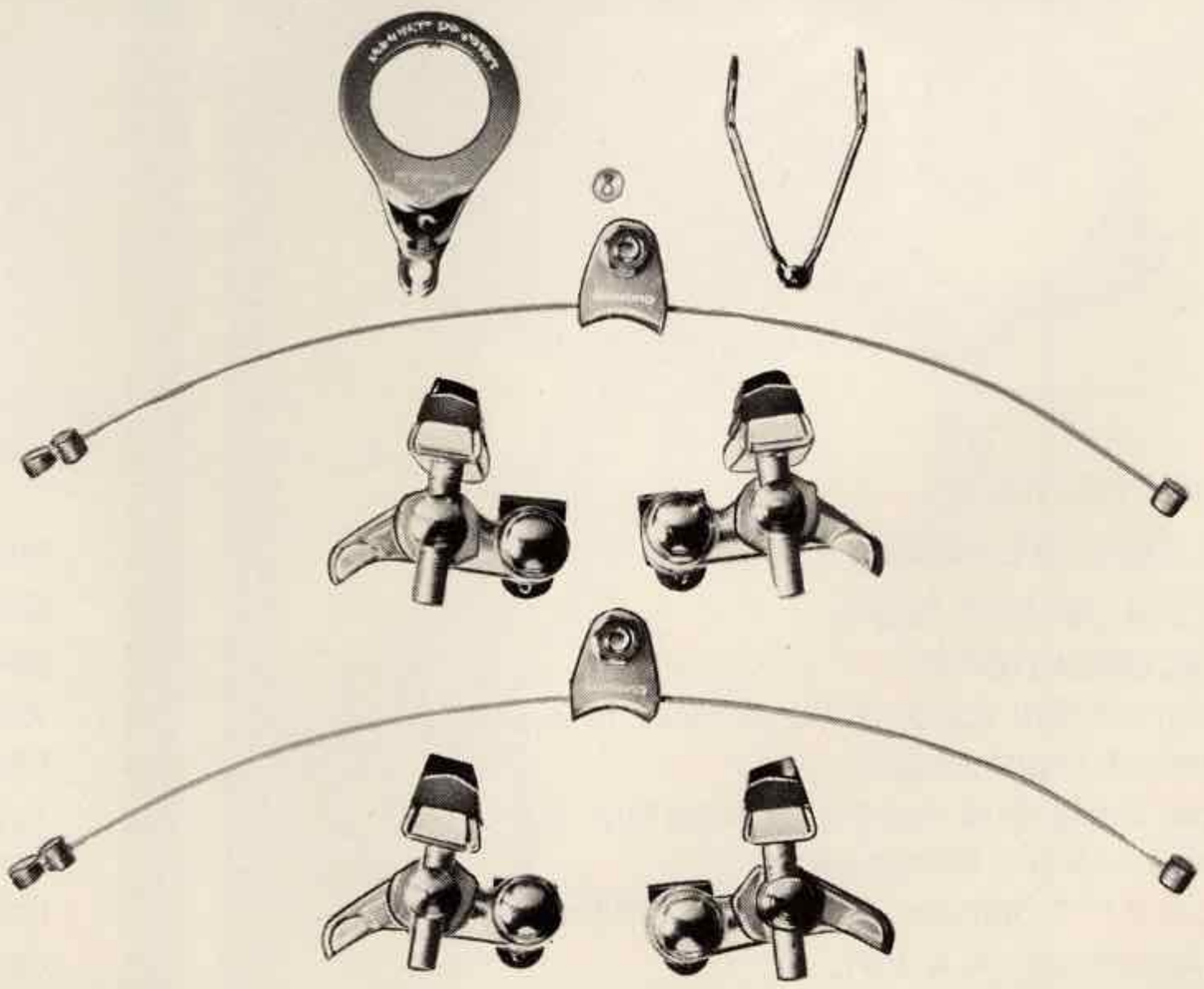
The CANTILEVER BRAKE shoes can be adjusted in 3 ways to ensure that they meet the rim firmly and precisely. This is accomplished by a special washer, which when adjusted, can change the angle at which the brake shoe meets the rim.

SPECIFICATIONS

Weight: 11.9 oz. (338 g)

Material: Light Alloy and Steel

With Brake Mounting Shaft





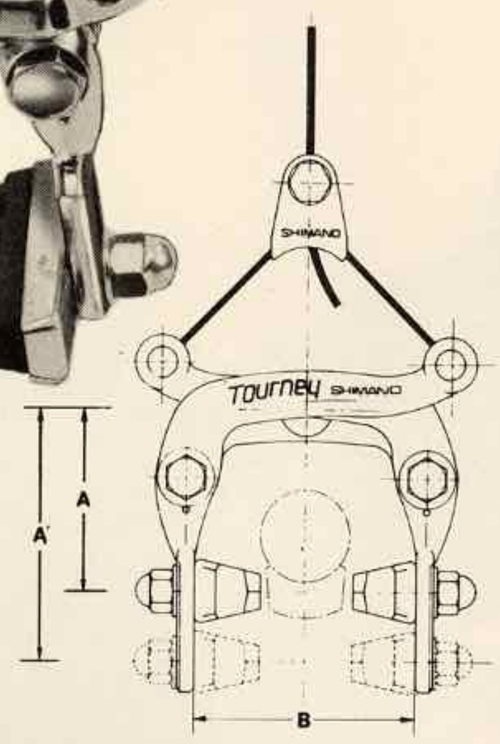
CALIPER BRAKE

Model BB-100

TOURNEY

SPECIFICATIONS

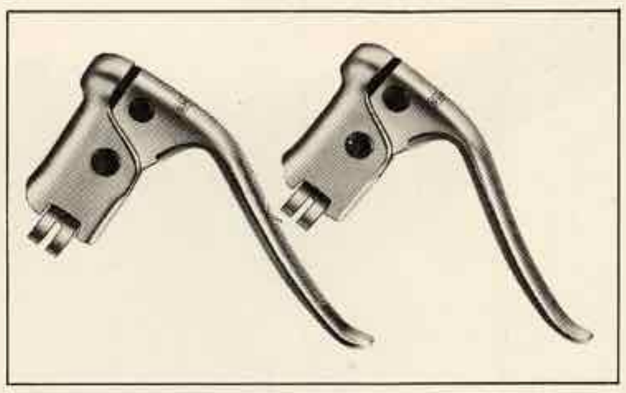
CC-65
Weight: Front 6.3 oz. (180 g)
Rear 6.3 oz. (180 g)
CC-75
Weight: Front 6.5 oz. (185 g)
Rear 6.5 oz. (185 g)
Material: Light Alloy
Type: Caliper Brake Center Pull



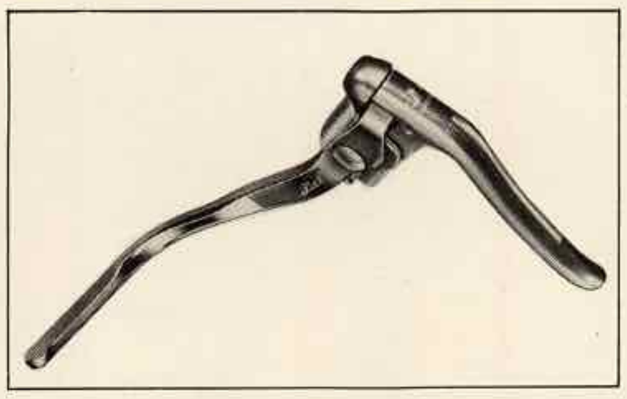
Type	A-A′	B
CC-65	47mm(1-7/8″)—65mm(2-1/2)″	59mm(2-5/16″)
CC-75	57mm(2-1/4)″—75mm(3″)	65mm(2-1/2″)

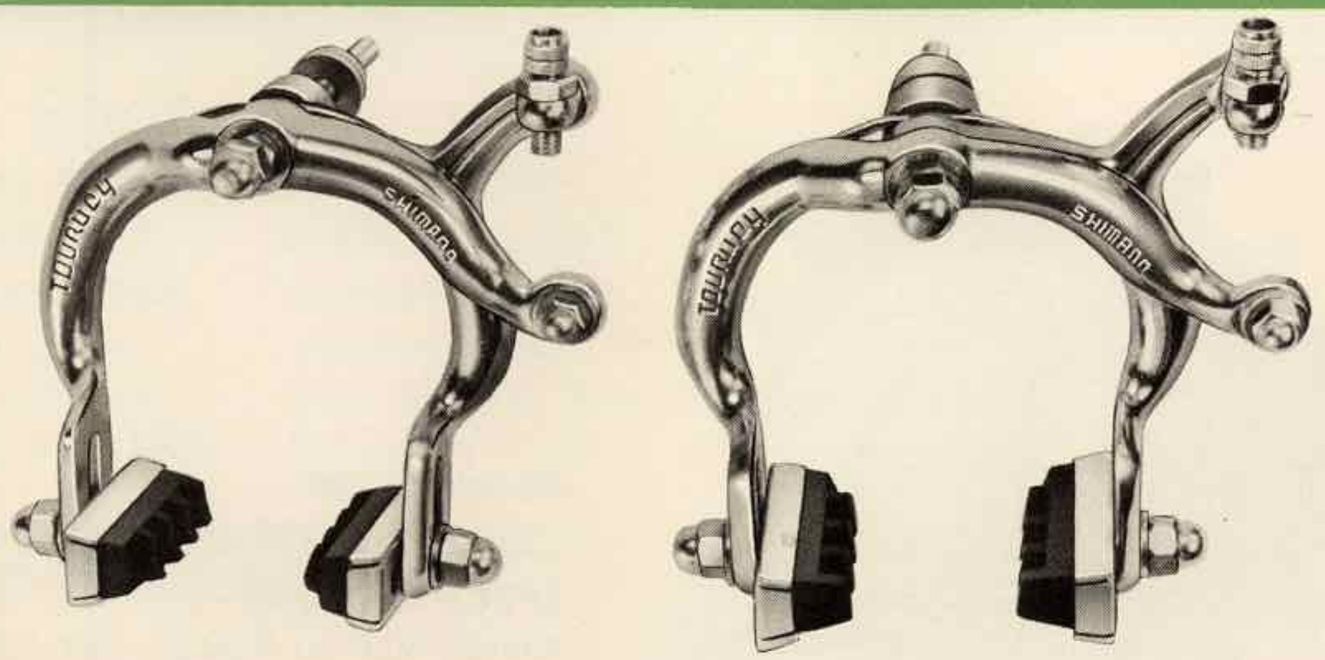
BRAKE LEVER

Model MB-100
Hooded Lever
Clamp Diameter: 22.2ϕ. 23.8ϕ



Model MB-110
Dual Extension Lever
Clamp Diameter: 22.2ϕ. 23.8ϕ





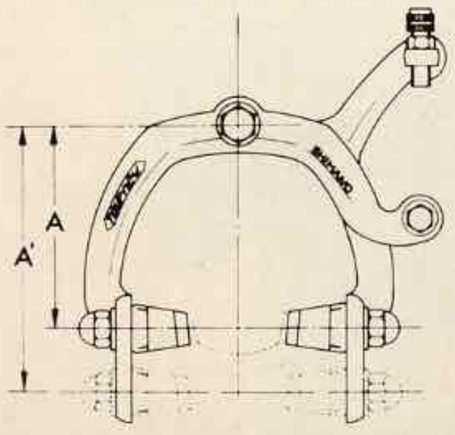
CALIPER BRAKE

Model BB-200 (Standard)

TOURNEY

SPECIFICATIONS

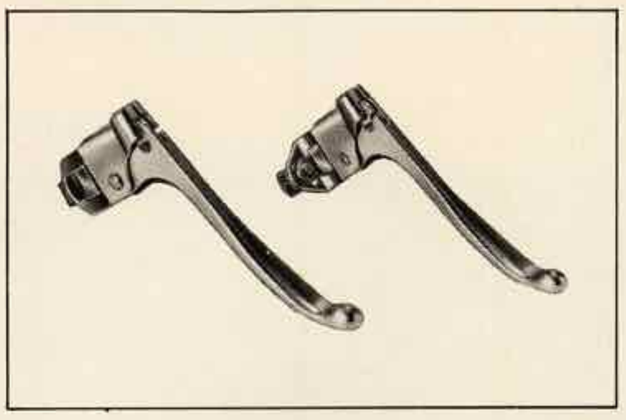
Material: Light Alloy
Type: Caliper Brake Side Pull



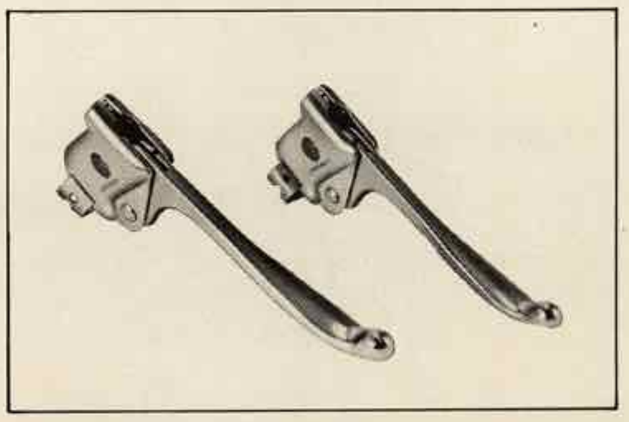
Type	A-A′
CS-79	61mm(2.4″)—79mm(3.1″)
CS-72	54mm(2.1″)—72mm(2.8″)

BRAKE LEVER

Model MD-100
Popular Lever (22.2ϕ)

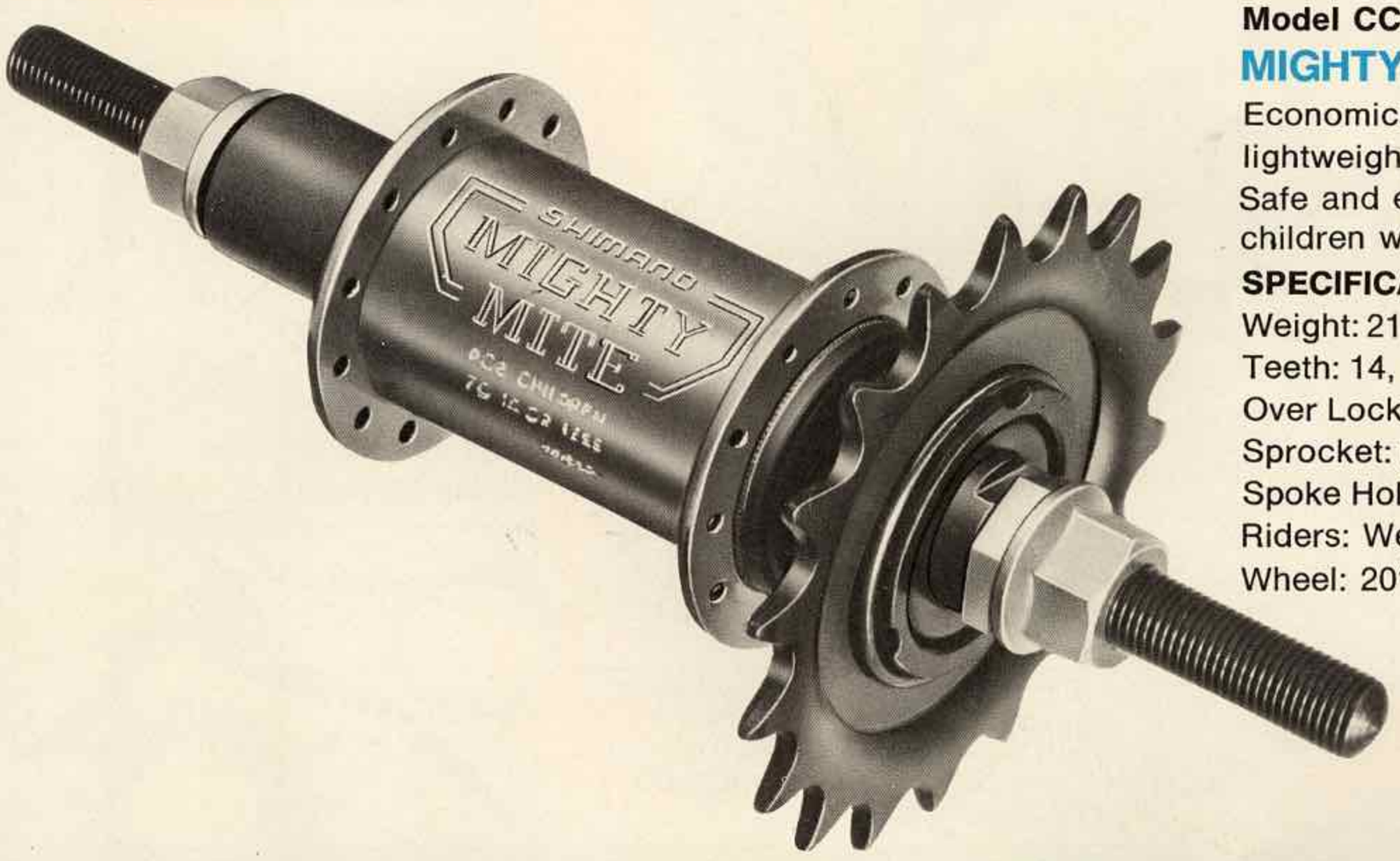


Model MC-100
Tourist Lever (22.2ϕ)



SHIMANO Coaster Brakes

new



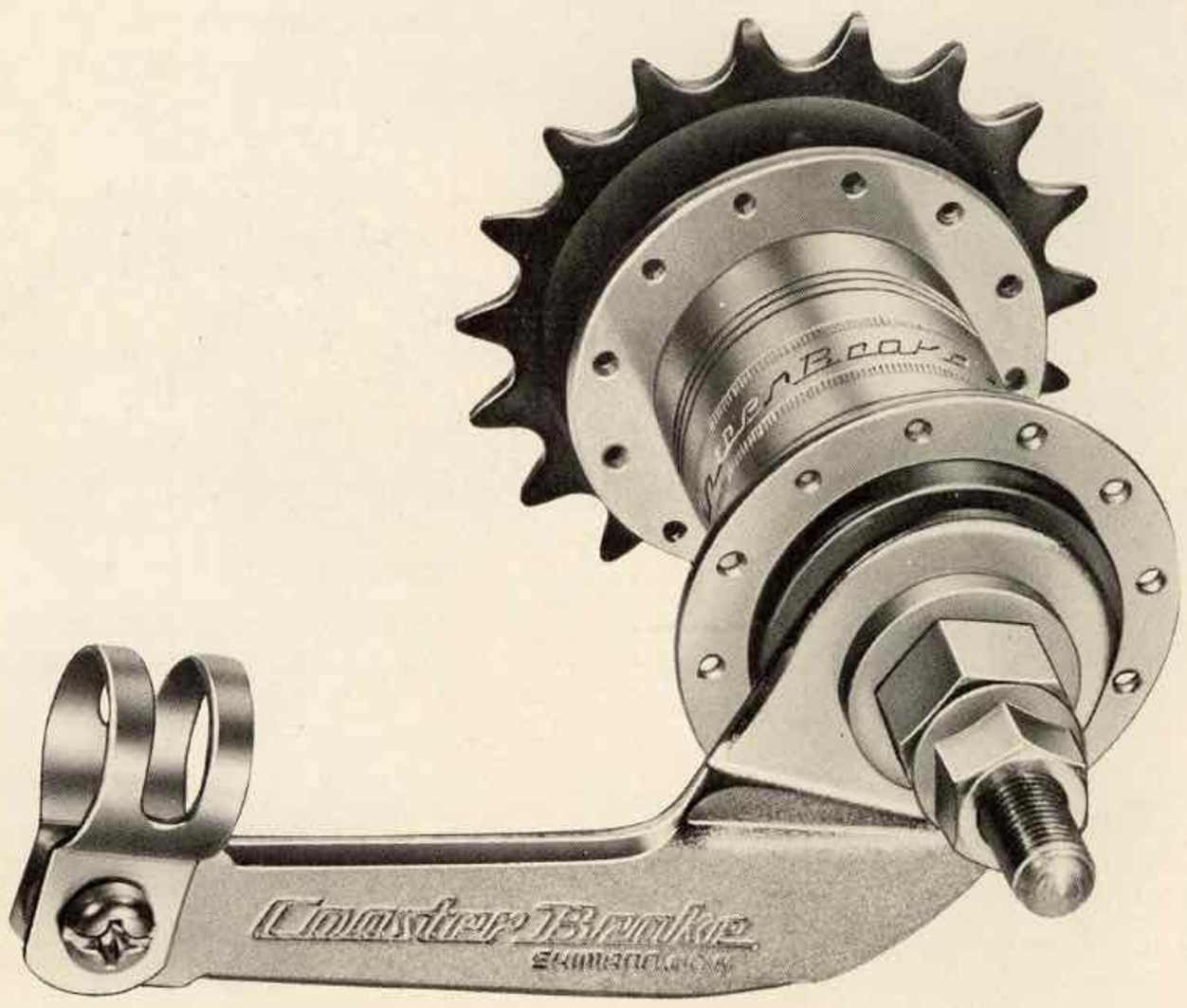
Model CC-100

MIGHTY MITE

Economical Coaster Brake with lightweight and compact design. Safe and easy to operate for children weighing less than 70 pounds.

SPECIFICATIONS

Weight: 21.0 oz. (595 g)
Teeth: 14, 15, 16, 18, 19, 20
Over Lock Nut Dimension: 4.29″ (109mm)
Sprocket: For 1/2″ x 1/8″ Chain
Spoke Holes: 20H, 24H, 28H
Riders: Weight: 70 lb or less
Wheel: 20″ or less



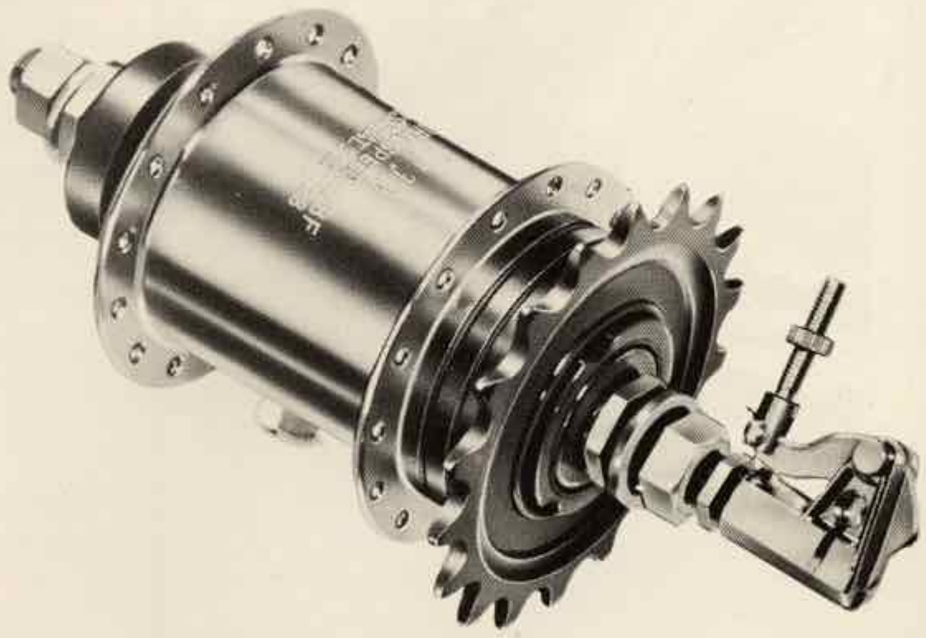
Model CB-100

COASTER BRAKE B TYPE

SPECIFICATIONS

Weight: 30.0 oz. (850g)
Teeth: 14, 15, 16, 18,19, 20
Over Lock Nut Dimension: 4.29″ (109mm)
Sprocket: 1/2″ x 1/8″ Chain
Spoke Holes: 20H, 24H, 28H, 36H

SHIMANO Hub Gears

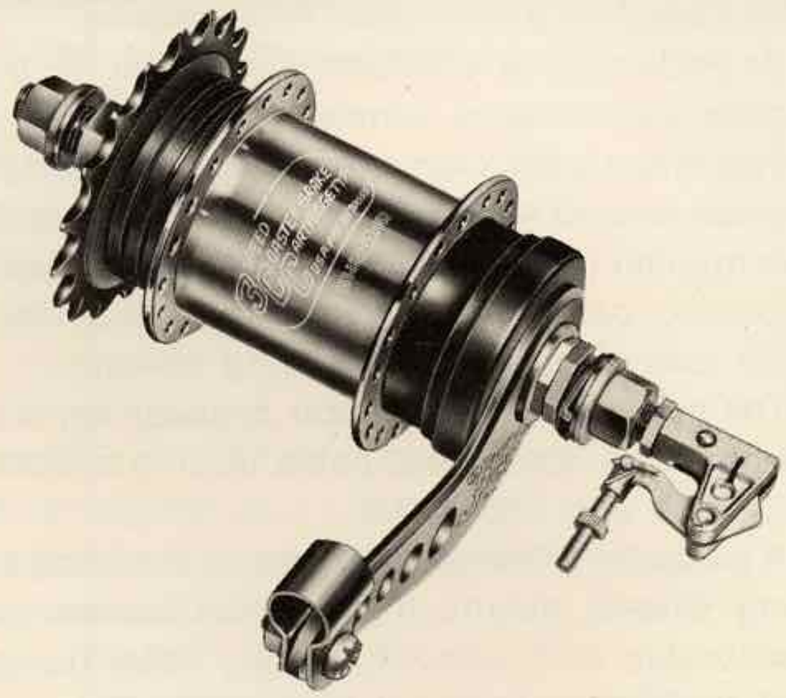


Model TB-100

THREE SPEED HUB

SPECIFICATIONS

Weight: 38.8 oz. (1,100 g)
Teeth: 14, 15, 16, 18, 19, 20
Gear Ratio: (H) 1:1.33 (N) 1:1 (L) 1:0.75
Over Lock Nut Dimensions: 4.37″ (110.9mm)
Sprocket: 1/2″ x 1/8″ Chain
Spoke Holes: 28H, 36H

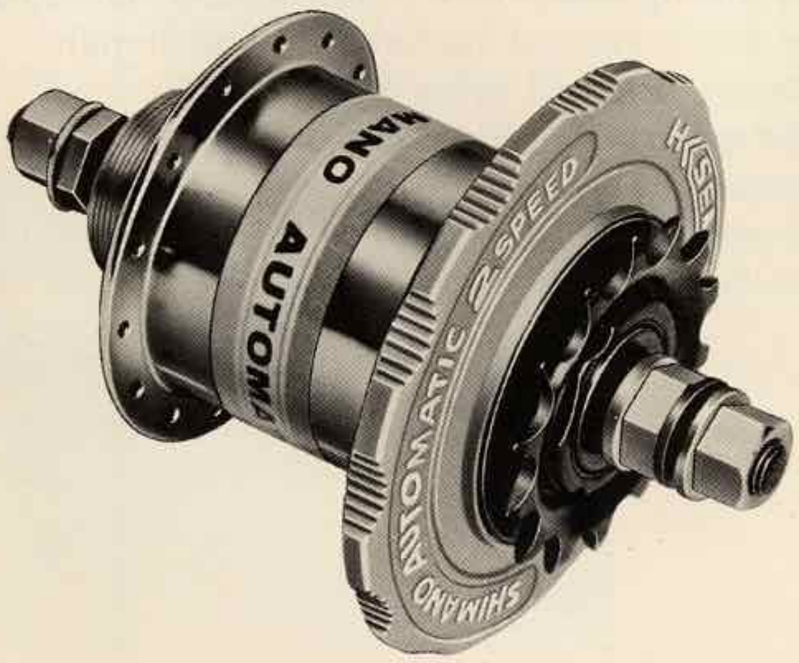


Model TC-100

THREE SPEED COASTER BRAKE CARTRIDGE TYPE

SPECIFICATIONS

Weight: 47.5 oz. (1,320 g)
Teeth: 14, 15, 16, 18, 19, 20
Gear Ratio: (H) 1:1.33 (N) 1:1 (L) 1:0.75
Over Lock Nut Dimension: 4.76″ (120.0mm)
Sprocket: 1/2″ x 1/8″ Chain
Spoke Holes: 28H, 36H



Model AB-100

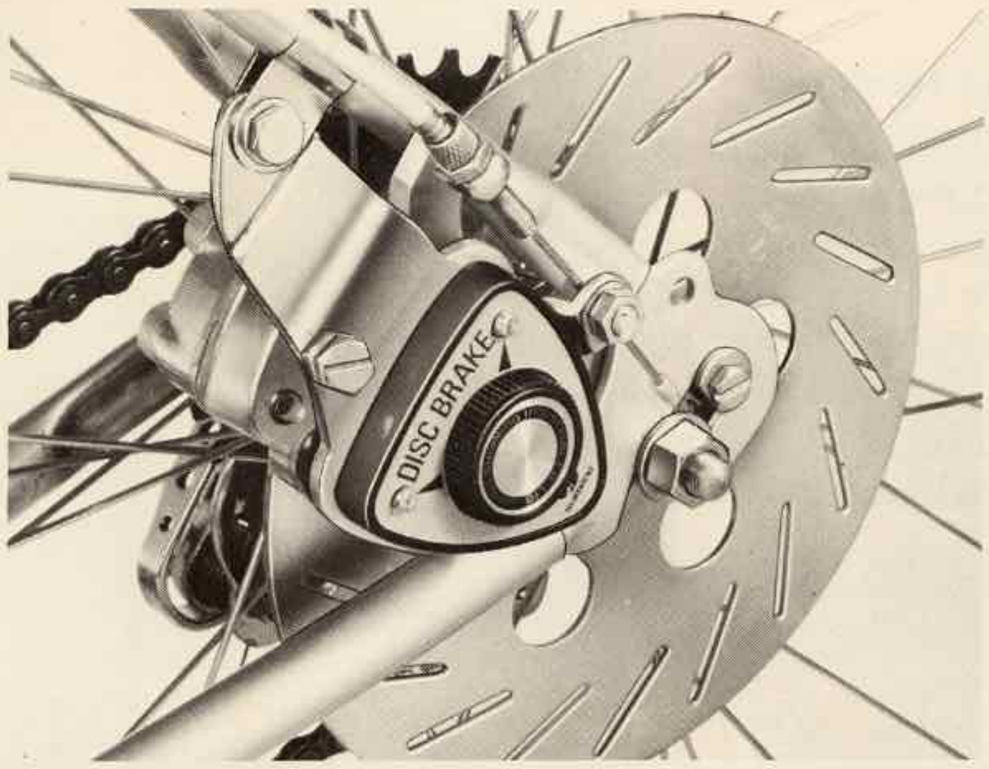
AUTOMATIC 2-SPEED HUB

With the "Auto-2" the gear shifts automatically from low to high and vice versa according to the running speed of the bicycle. No shifting is required, so even a beginner can use it for easier, safer cycling.

SPECIFICATIONS

Weight: 49.4 oz. (1,400 g)
Teeth: 14, 15, 16, 18, 19, 20
Gear Ratio: (H) 1:1 (L) 1:0.74
Over Lock Nut Dimensions: 4.40″ (112.0mm)
Sprocket: 1/2″ x 1/8″ Chain
Spoke Holes: 28H, 36H

SHIMANO Disc Brake



Model BC-100

DISC BRAKE

Features

***Strong Braking Force**

Free from braking shocks. The bicycle stops smoothly and surely. Superior in braking force to any other type of brake.

***No Slippage Even in Rain**

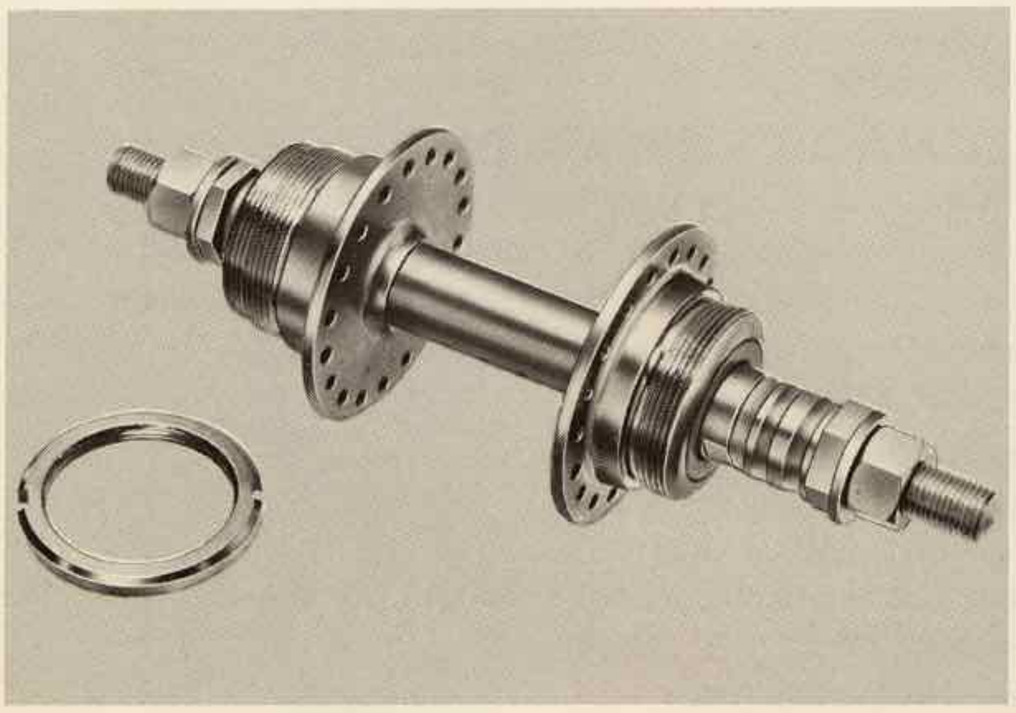
Rain or shine, there is almost no change in braking efficiency, thanks to a unique design. This means greater safety for cyclists.

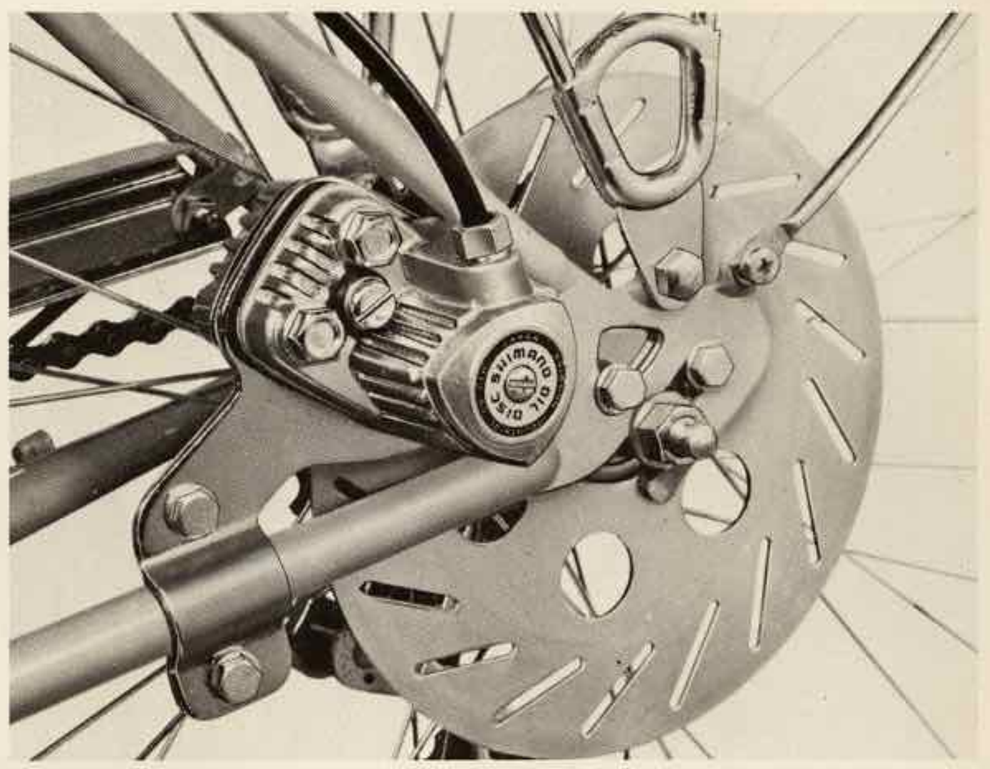
***Long Pad (Friction Plate) Life**

The pads are made of special material to increase wear resistance. Their service life is greatly extended.

***Easy Installation and Adjustment**

Marked mechanical improvements have been made and the design has been simplified for quicker and easier installation, adjustment and pad replacement.





Model BC-200

HYDRAULIC DISC BRAKE

Features

***Outstanding All-Weather Performance**

Its performance is outstanding under all road conditions and remains consistently high, rain or shine. The brake pads clamp the brake disc securely even when soaked wet with rain water. Because the brake is applied hydraulically, there is no danger of wheel locking, causing the bicycle to skid.

***No loss of transmitted braking power**

The hydraulic transmission braking system is free from power loss due to cable friction or other causes.

***Smooth and shockless**

A powerful braking force free of the danger of locking wheels means that bicycle comes to a stop smoothly and without shock. There is no danger of skidding or failing in emergency stops.

***Rust-proof**

Made of stainless steel, the brake disc always remains completely free of rust.

***High durability**

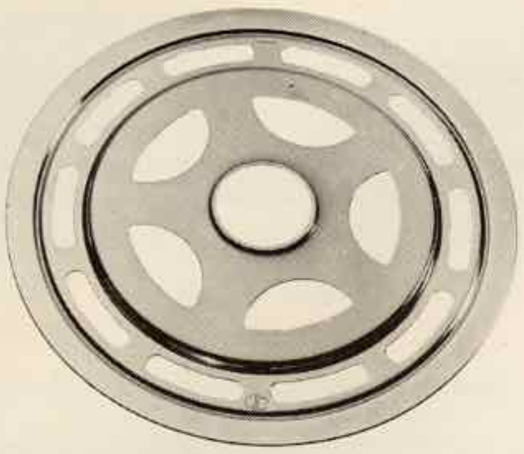
The brake pads developed especially by SHIMANO for this hydraulic disc brake feature marked durability and withstand the severest punishment.

***Strong, resilient nylon hose**

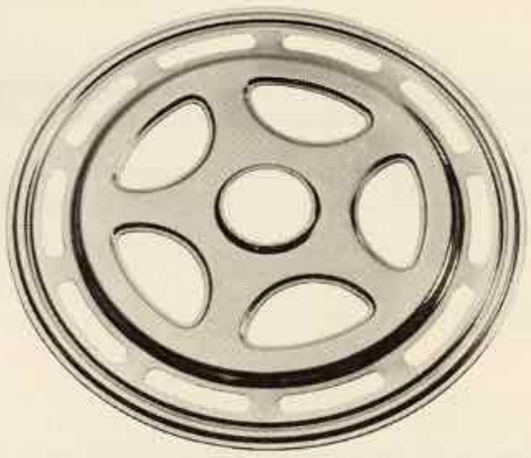
The nylon connecting hose employed in the hydraulic system is strong and resilient.



SHIMANO Spoke Protectors and Universal Cables
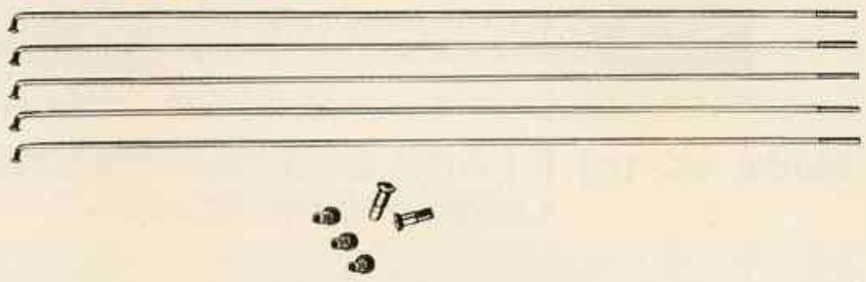


Model PB-130
SPECIFICATIONS
Diameter: 7-1/2″ (190mm)
Use Range: Low Sprocket 26 & 28 teeth



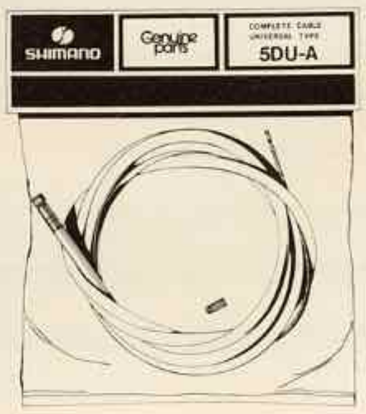
Model PB-140
SPECIFICATIONS
Diameter: 8-1/2″ (215mm)
Use Range: Low Sprocket 32 & 34 teeth

SPOKE & NIPPLES

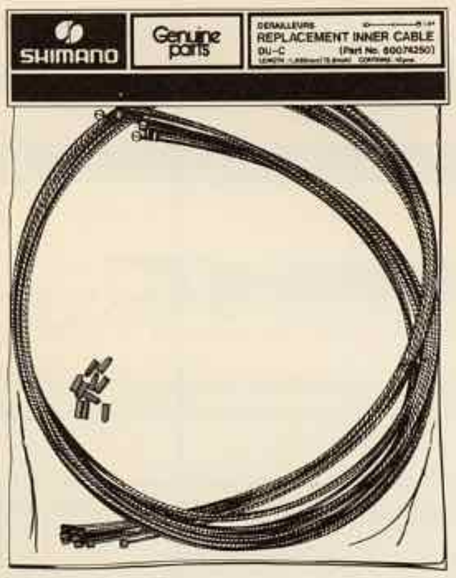


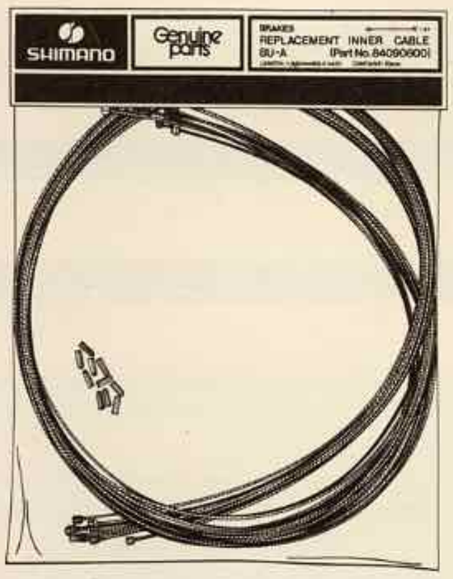
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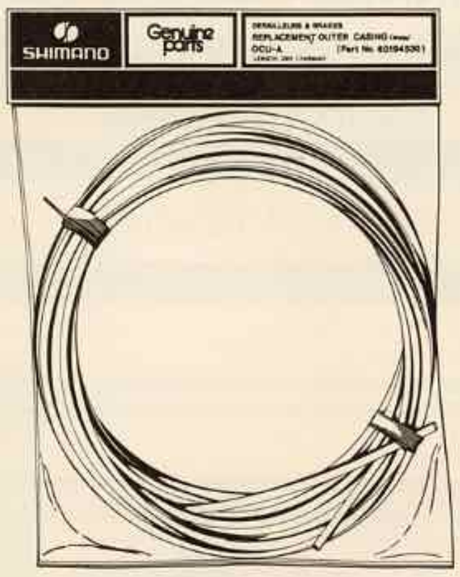
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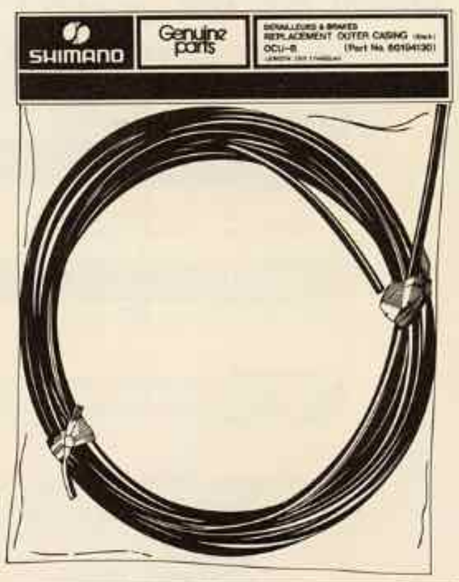
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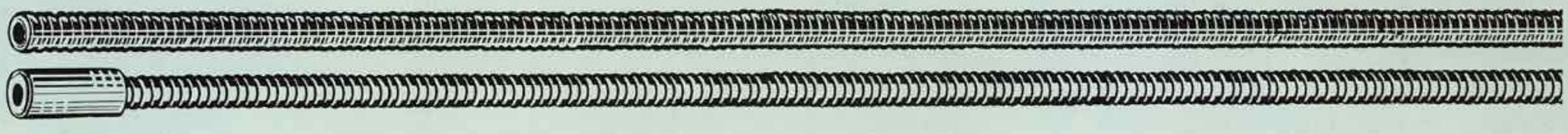
⑧ 

ITEM	MODEL NO.	DESCRIPTION	USAGE
1	KB-220	Universal Joint	
2	WS-100	#3SU Three Speed Universal Spare Cable With Universal Joint	All Kinds of SHIMANO Three Speed Hub and Three Speed Coaster Brake Control Lever
3	WT-100	#5DU-A 5 and 10 Speed Universal Spare Cable Shape of Cable End —⊖ 1.5ϕ	5 Speed Click Stick and Console Lever
4	WT-110	#5DU-B 5 and 10 Speed Universal Spare Cable Shape of Cable End —⊖ 1.2ϕ	5 and 10 Speed Ordinary Lever
5	WT-120	#DU-C 5 and 10 Speed Universal Spare Cable Shape of Double Cable End ⊖—⊖ 1.5ϕ	5 and 10 Speed Shifting Lever
6	WU-100	#BU-A Brake Universal Spare Cable Shape of Double Cable End ⊖—⊖ 1.8ϕ	All SHIMANO Brakes Except DURA-ACE
7	WA-100	#OCU-A Universal Outer Casing White	All Cables Except DURA-ACE
8	WV-110	#OCU-B Universal Outer Casing Black	

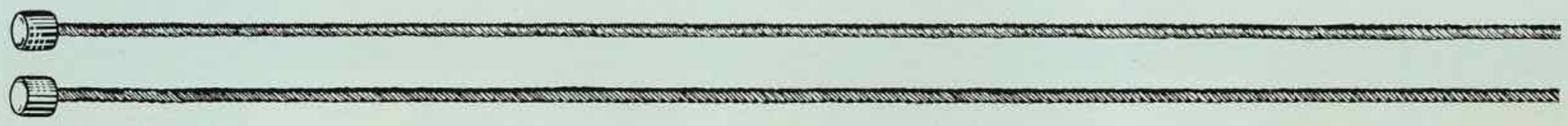
SHIMANO Outer Casings and Inner Cables



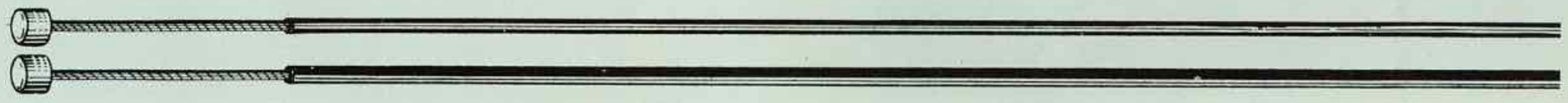
Model WC-100 **STAINLESS OUTER CASING with BOTH CAPS**
Length: 170mm, 280mm



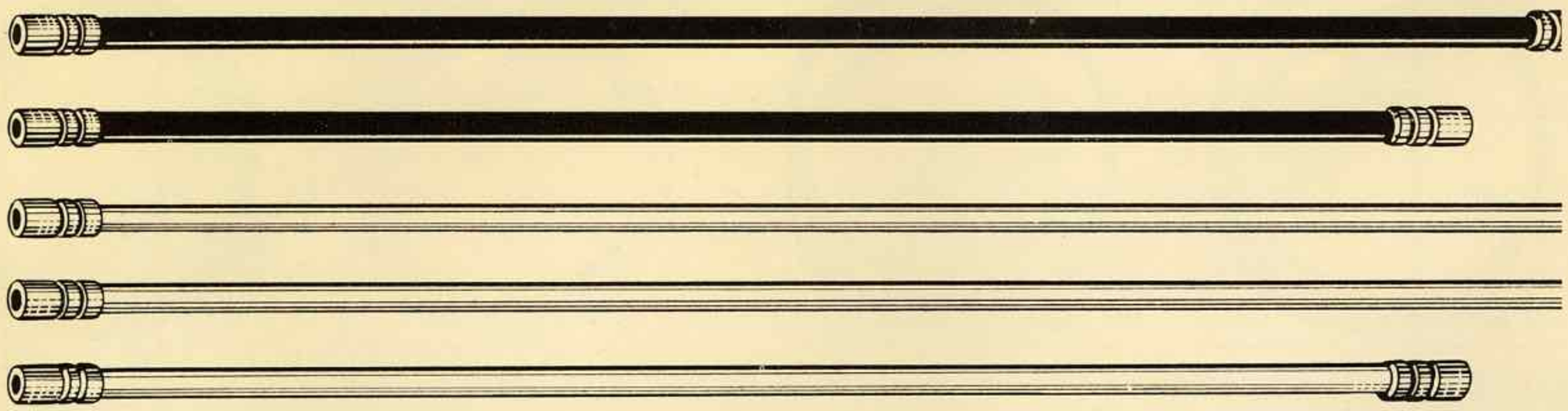
Model WC-110 **STAINLESS OUTER CASING with ONE CAP**
Length: 600mm, 630mm, 670mm



Model WJ-110 **INNER CABLE (1.5mmϕ)**
Length: 1,180mm, 670mm



Model WL-100 **COATED INNER CABLE (1.2mmϕ)**
Length: 1,800mm, 1,850mm, 1,900mm, 1,320mm 1,360mm, 1,400mm



Model WB-100 **OUTER CASING with BOTH CAPS**
Length: 180mm, 250mm, 280mm, 360mm, 530mm, 1,030mm, 1,360mm, 1,550mm

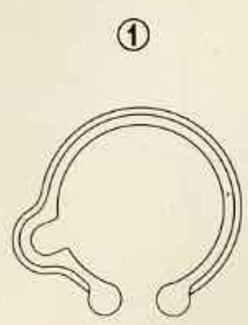
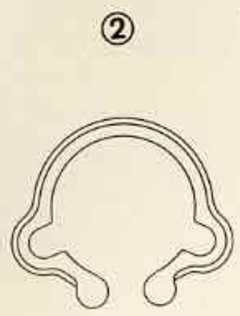


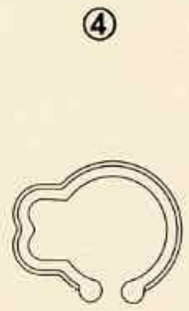
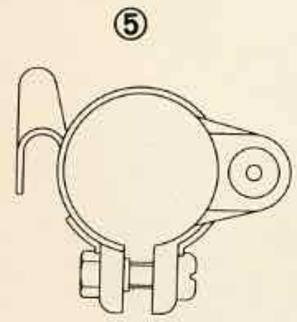
Model WK-100 **INNER CABLE (1.5mmϕ)**
Length: 670mm, 750mm, 1,030mm, 1,180mm, 1,360mm, 1,550mm, 1,650mm

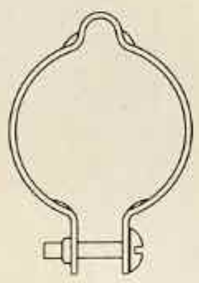
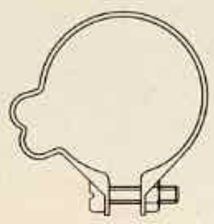
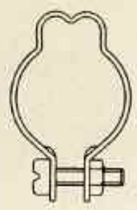
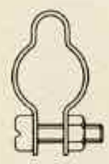
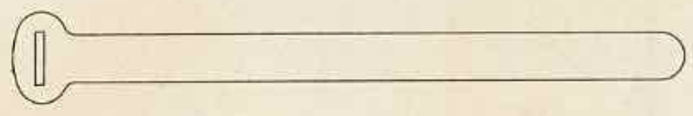
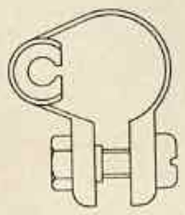
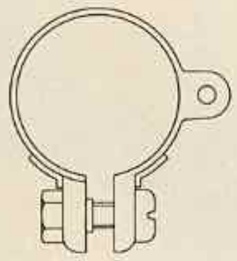
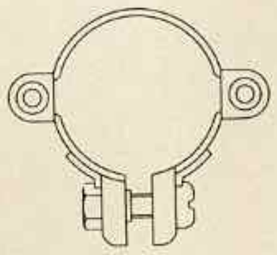


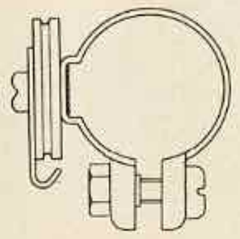
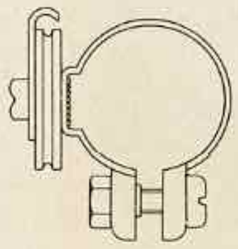
Model WJ-100 **INNER CABLE (1.2mmϕ)**
Length: 670mm, 750mm, 1,030mm, 1,180mm, 1,360mm, 1,550mm, 1,650mm

SHIMANO Outer Band

ITEM No.	Part No.	Description	
①	62010700	Outer Clip	1-1/8″ (28.6)
	62010500	Outer Clip	1″ (25.4)
②	62010800	Outer Clip	1-1/8″ (28.6)
	62010600	Outer Clip	1″ (25.4)
③	62010400	Outer Clip	7/8″ (22.2)
	62010300	Outer Clip	3/4″ (19.0)
	62010200	Outer Clip	5/8″ (15.9)
	62010100	Outer Clip	1/2″ (12.7)
④	62011100	Outer Clip	1″ (25.4)
	62011000	Outer Clip	3/4″ (19.0)
⑤	62291101	Cable Guide	1-1/8″ (28.6)
⑥	62290101	Cable Guide	1-1/8″ (28.6)
⑦	83190110	Outer Band	1″ (25.4)
⑧	65191040	Outer Band	1-1/8″ (28.6)
	65191030	Outer Band	1″ (25.4)
⑨	65191060	Outer Band	5/8″ (15.9)
⑩	65191070	Outer Band	1/2″ (12.7)

ITEM No.	Part No.	Description	
⑩	65191080	Outer Band	7/16″ (11.1)
⑪	61105010	Outer Band	5.9″ (150)
⑫	61105000	Outer Band	4.52″ (115)
	61106000	Outer Band	3.14″ (80)
⑬	61190051	Stopper Band	1-1/8″ (28.6)
	61190061	Stopper Band	1″ (25.4)
	61190081	Stopper Band	7/8″ (22.2)
	61190101	Stopper Band	3/4″ (19.0)
	61190111	Stopper Band	11/16″ (17.5)
	64390441	Stopper Band	5/8″ (15.9)
	64390451	Stopper Band	1/2″ (12.7)
⑭	62291061	Outer Stopper	1-1/8″ (28.6)
⑮	62291071	Outer Stopper	1-1/8″ (28.6)
	62291141	Outer Stopper	5/8″ (15.9)
⑯	61190011	Guide Roller	1-1/8″ (28.6)
⑰	61190022	Guide Roller	1″ (25.4)

SHIMANO Special Tools



Model XB-310
Plier for Three Speed Hub snap ring removal.



Model XA-110
Spanner for DURA-ACE Hubs.



Model XB-300
Spanner for cone, lock nut adjustment of Three Speed Hub; Three Speed Hub with Coaster Brake; and Coaster Brake.



Model XB-210
Automatic 5-stage freewheel removal tool.



Model XA-100
DURA-ACE Multiple Freewheel Removal Tool.



Model XB-200
Boss type multi freewheel removal tool.



Model XB-320
Tool for removing ball cup for Three Speed Hub



Model XA-150 (5mm)
Model XB-100 (6mm) Hexagon wrench keys.



Model XA-130
Cotterless crank extractor



Model XA-120
DURA-ACE Grease



Model XA-140
Chainwheel screw peg spanner

SHIMANO SALES CORPORATION
SHIMANO AMERICAN CORPORATION
SHIMANO (EUROPA) GmbH.
SHIMANO INDUSTRIAL CO., LTD.

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