SunTour

CATALOG

MAEDA INDUSTRIES, LTD.
MAEDA INDUSTRIES OF U.S.A. INC.

We make bicycle parts as though

we're coming along for the ride.

The above is the phrase that best expresses our basic idea. Bicycle parts, however superior in mechanical performance, and however good in test results, are no more than lumps of metal unless they are made with full regard paid to the riders' needs. Excellent bicycle parts are produced on the basis of complete knowledge of the riders, or human beings.

Producing the most "human" parts for the most "human" vehicle — this is our ideal. In order to attain this ideal, we make the following our mottoes:

Harmony — We aim at harmony between the human function and the mechanism of the bicycle.

Progress — As the history of bicycles shows, the development of newer techniques leads to the production of tomorrow's bicycles.

Sincerity — Our products, each made with scrupulous care, are highly appreciated by cyclists the world over.

With a view to supplying better, and still better bicycle parts, we are making incessant efforts aimed at endless progress.



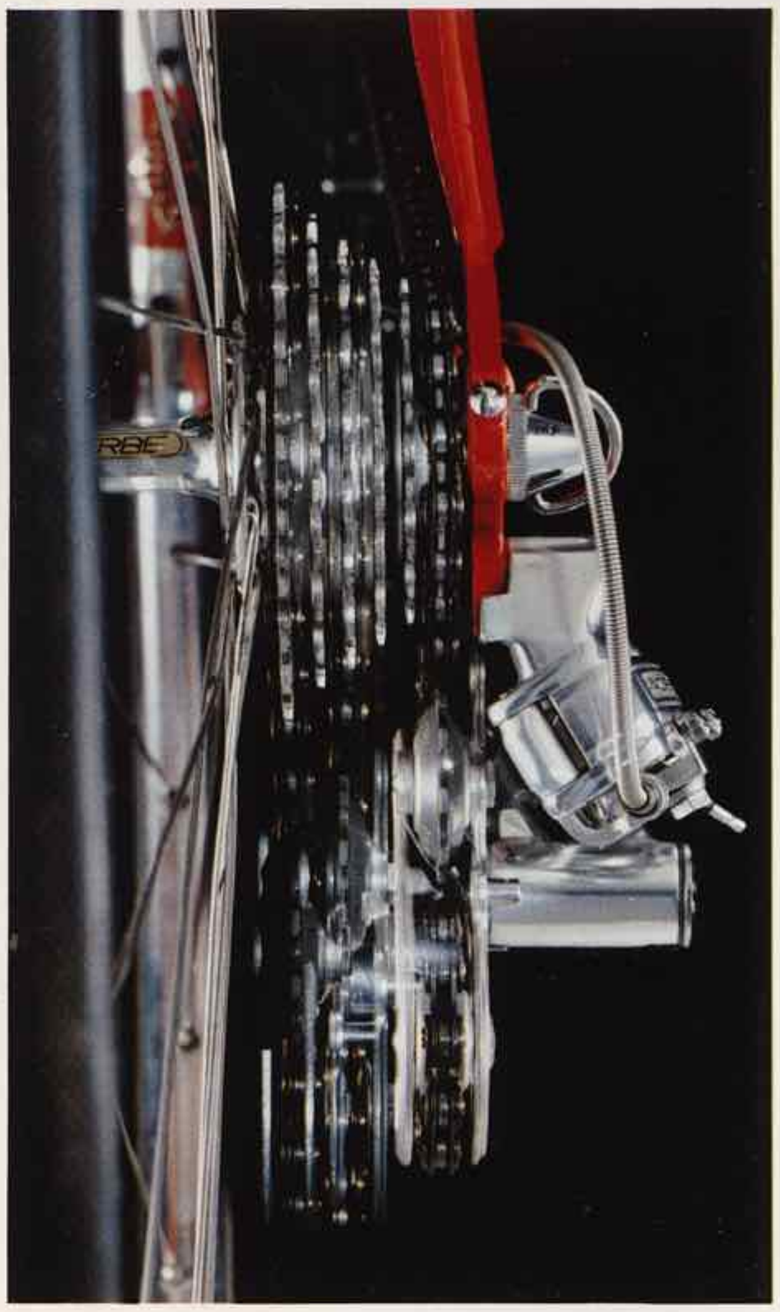
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SPECIAL FEATURES

SUN TOUR FRONT AND REAR DERAILLEURS ENGINEERED WITH SLANT PARALLELOGRAM MECHANISM

Ensure a smoother change in all ranges of speeds.
Maeda's unique slant parallelogram mechanism enables the pulleys to shift diagonally at the same angle as the sprocket during gear change. The uniform clearance thus retained between the pulleys and the sprockets assures more stable driving and easier shifting, making Sun Tour derailleurs unbeatable by any competing model. This epock-making mechanism is patented in Japan, U.S.A. and European countries.



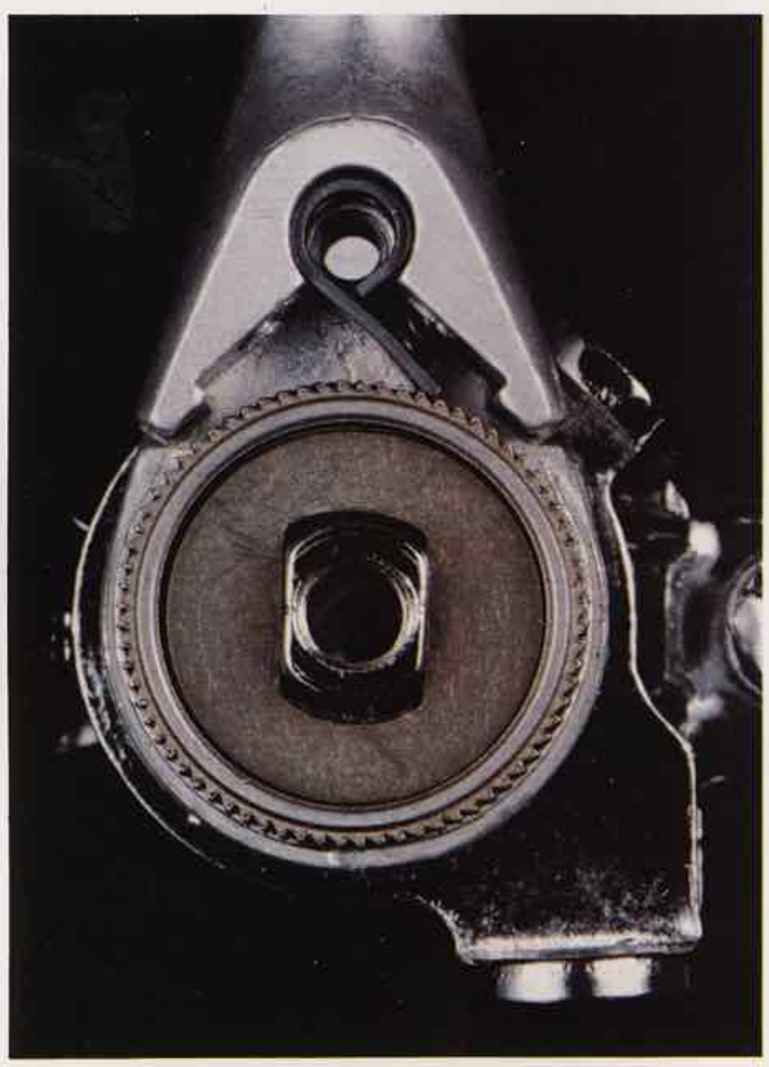
SPECIAL FEATURES OF THE REAR DERAILLEUR WITH QUICK CAGE

You may remove the chain from the Derailleur Cage without taking off a chain link.
When it is necessary to take off the rear wheel from the bicycle (for repairing the tire, tube or rear hub), simply shift the Derailleur to top position (smallest sprocket), then remove the chain from the Derailleur Cage. The rear wheel then can be taken off easily without interference from the chain.



THE FEATURE OF SUN TOUR POWER SHIFTER UNIQUE PRECISION MADE WITH NO FRICTIONAL RESISTANCE

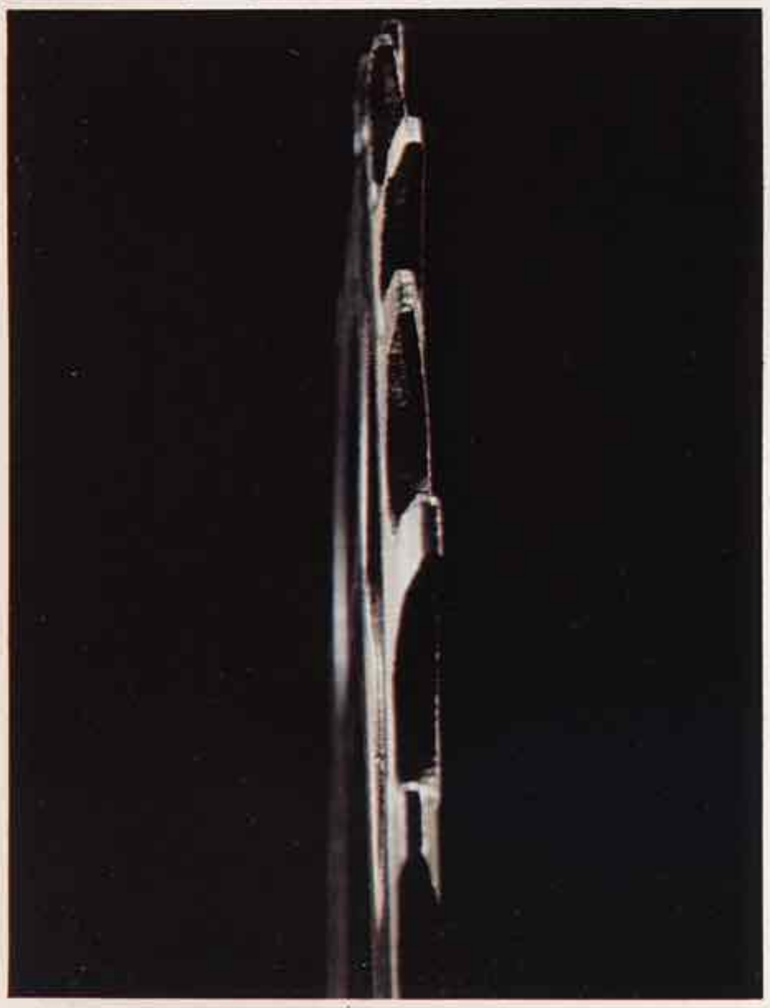
It is so well designed that there is no resistance at all as compared with other ordinary levers.
Every lever requires certain friction so that it can stay on the selected speed position, but the POWER SHIFT has completely no frictional resistance because of the small notches built in the lever, saying tick-tack, tick-tack, at the time of speed selection.
In order to put the chain in the proper position on the rear sprockets, the hardened small small notches are adopted into this POWER SHIFT.
When releasing the lever to the higher gear position, the spring on the rear derailleur helps to pull down the lever to the higher gear position. This will result in well balanced operation for both speed-up and speed-down.



"ZIGZAG" TEETH FREEWHEEL (Z GEAR MODEL)

For a more efficient gear change needed for a wide ratio, these brand-new patented cogs enable you to change speed evently from top to low and low to top quickly and smoothly.
The teeth are tipped rather sharply and literally "zigzaged" like saw blades to precisely fit each link plate of the chain which is alternately connected externally and internally.





ULTRA-6 FREEWHEELS AND ULTRA-6 CHAIN

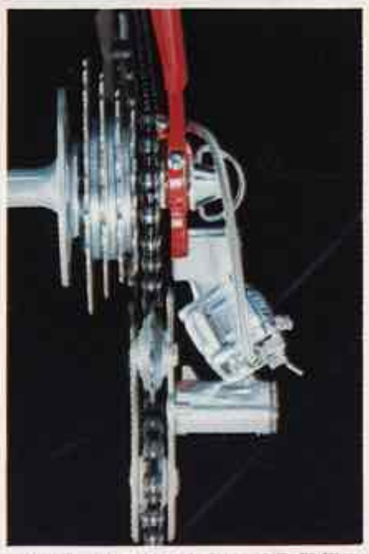
SUNTOUR's Innovate Research and Development Department has designed an epock-making Multiple Freewheels and Chain. To satisfy the needs of all cyclists, both 5-speed and 6-speed are available, with a complete selection of sprocket sizes.

The usual 6-speed hub has a lock nut-to-locknut dimension of 126 mm, which is 6 mm greater than the 5-speed hub. This greater distance causes extra tension to the spokes, especialy an the freewheel size of the hub.

Between top gear and the low gear is almost the same when comparing the SUNTOUR New Ultra-6, 6-speed freewheel to a 5-speed normal freewheel, therefore, the 6-speed Ultra-6 can be fitted to a normal 5-speed hub, which has the usual demention of 120 mm.

The distance between the sprockets is narrower when comparing the Ultra-6 to an ordinary 6-speed freewheel. Therefore SUNTOUR has developed the New Ultra-6 Chain which is required by the freewheels narrower distance.





ORDINARY 5-SPEED



ULTRA-6

TEETHING PROFILE



SUPERBE

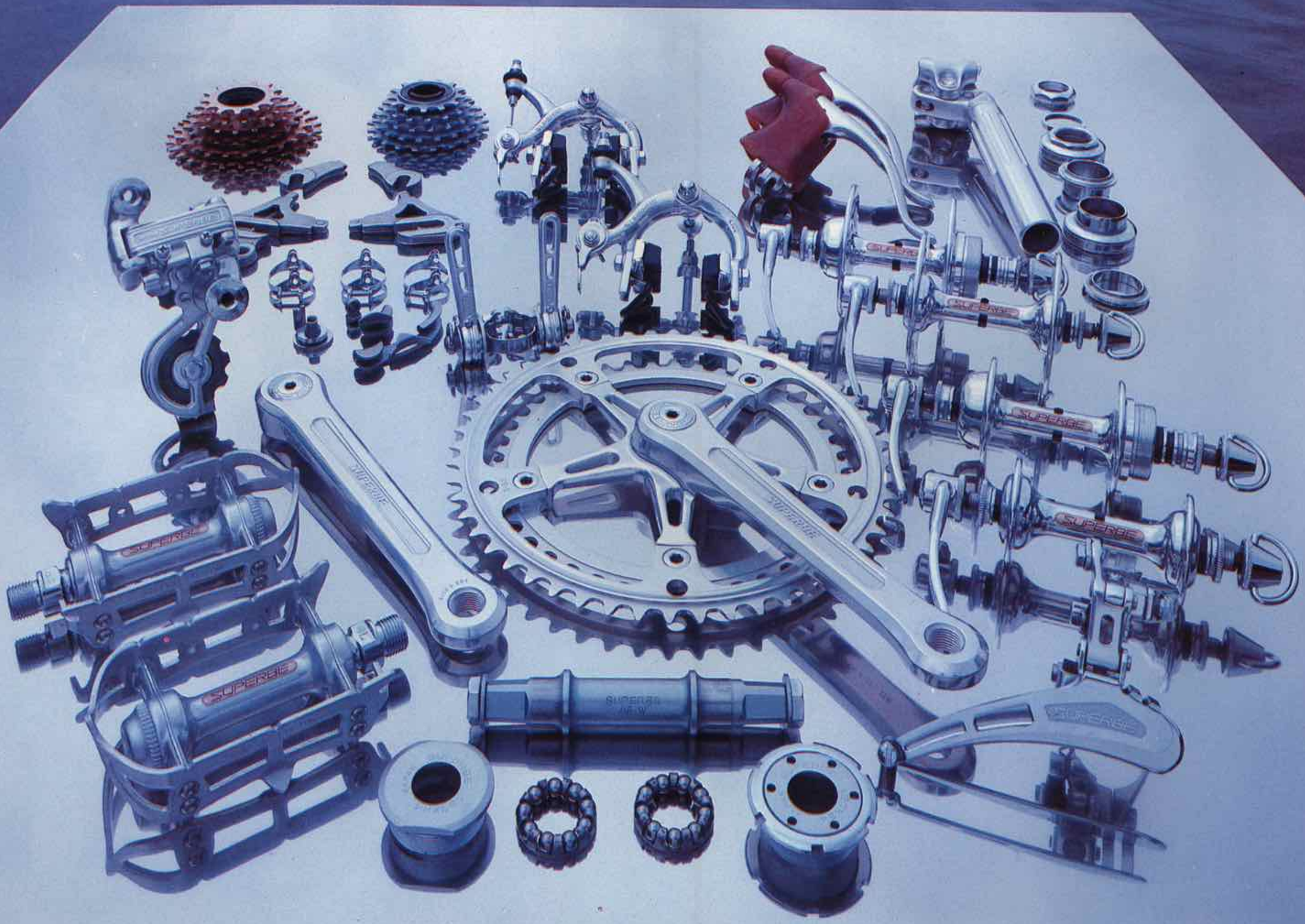
Racing Equipment from SUN TOUR

ROAD GROUP

Road racers demand much of bicycle parts. They expect their bicycle parts to perform satisfactorily under any severe conditions. In a road race, the rider and the bicycle must function as a single body for many hours. Just a little bit of feeling of disunity or distrust which the rider may entertain toward his vehicle will greatly affect the result of the race.



Superbe Road parts are manufactured with the best techniques available today. Their performance is far superior to that of ordinary racing bicycle parts. For Superbe <Road>, however, technique and performance are no longer the main problems. What we should do with Superbe <Road>, we believe, is to pursue its "good relationship with human beings" which is more important for Superbe parts. Superbe <Road>, a product of our uninterrupted pursuit of the more human and the more beatiful, is bicycle parts designed exclusively for expect road racers.



REAR DERAILLEUR

SUN TOUR **SUPERBE**
Model: RD-2100
Specification
Material: Forged Light Alloy
Gear Capacity: 22T
Front 54T – 42T = 12T
Rear 13T – 23T = 10T
Stroke: 1-1/4" (31 mm)
Mechanism: Slant Parallelogram
Top Normal
Weight:
7 ozs. (198 gms.)



FRONT DERAILLEUR

SUN TOUR **SUPERBE**
Model: FD-1500
Specification
Material: Forged Light Alloy (Body)
Steel (Cage)
Gear Capacity: 18T or Less
Mechanism: Parallelogram/Low Normal
Clamp Diameter: 1-1/8" (28.6 mm)
28.0 mm
Weight: 3-1/2 ozs. (100 gms.)



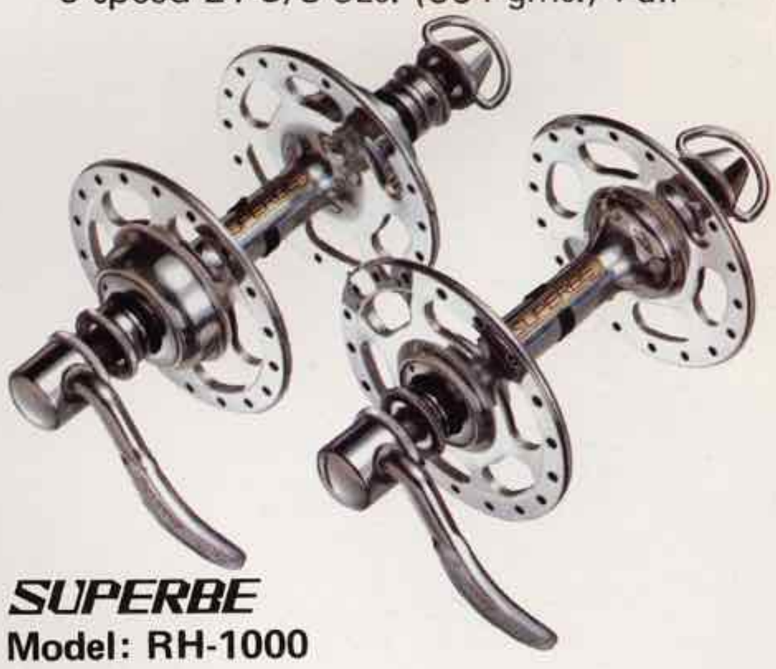
CONTROL LEVER

SUN TOUR **SUPERBE**
Model: LD-2000
Specification
Material: Forged Light Alloy (Lever Handle)
Stainless Steel (Lever Clamp)
Type: Universal Type/Double Lever
Lever Clamp Diameter: 1-1/8" (28.6 mm)
28 mm
Attachment Position: Down Tube
Weight: 2-1/4 ozs. (65 gms.)



RACING HUBS

SUPERBE
Model: RH-2000
Specification
Material: Forged Light Alloy
Type: Quick Release/Large Flange
Thread: 1.37" x 24t (English)
34.8 x 1.0 (French)
Over Lock Nut Dimensions
Front 3-15/16" (100 mm)
Rear 5-speed 4-3/4" (120 mm)
6-speed 4-15/16" (126 mm)
Spoke Holes: 28H, 32H, 36H
Weight:
5-speed 21-1/8 ozs. (599 gms.) Pair
6-speed 21-3/8 ozs. (604 gms.) Pair



SUPERBE
Model: RH-1000
Specification
Material: Forged Light Alloy
Type: Quick Release/Small Flange
Thread: 1.37" x 24t (English)
34.8 x 1.0 (French)
Over Lock Nut Dimensions
Front 3-15/16" (100 mm)
Rear 5-speed 4-3/4" (120 mm)
6-speed 4-15/16" (126 mm)
Spoke Holes: 28H, 32H, 36H
Weight: 5-speed 19-3/8 ozs. (548 gms.)Pair
6-speed 19-1/2 ozs. (553 gms.)Pair



MULTIPLE FREEWHEELS

SUN TOUR **WINNER-S 5-SPEED**
Model: WS-5000

Specification

Standard Sprocket: 1/2" x 3/32" Chain
Material: Steel/Silver Finish
Thread:1.37"x 24t(English) 34.8 x1.0
Type: Boss Type (French)
Complete Freewheel are Made to Order
Within the Sprocket Sizes Mentioned
Above 1st : 13, 14T
2nd : 14, 15, 16T
3rd : 15, 16, 17, 18T
4th & 5th : 16, 17, 18, 19, 20, 21, 22, 23, 24, 26T
Available for Close Ratio 13x14x15x16 x17T



SUN TOUR **PRO-COMPE 6-SPEED**
Model: PC-6000

Specification

Standard Sprocket: 1/2" x 3/32" Chain
Material: Steel/Golden Finish
Thread: 1.37"x 24t (English) 34.8 x 1.0
Type: Boss Type (French)
Complete Freewheel are Made to Order
Within the Sprocket Sizes Mentioned
Above 1st : 13, 14T
2nd : 14, 15T
3rd : 15, 16, 17, 18T
4th ~ 6th : 16, 17, 18, 19, 20, 21, 22, 23, 24, 26T
Available for Close Ratio 13x14x15x16x 17x18T



CALIPER BRAKE SET

SUPERBE
Model: CB-1000

Specification

CALIPER BRAKE
Material: Forged Light Alloy
Type: Side Pull with Quick Release and Tire Guide
Weight: 13-1/8 ozs. (371 gms.) Pair Mechanism only



Specification

BRAKE LEVER
Material: Light Alloy
Type: Hooded Lever with Rubber Cover and Cable Ajustment
Lever Clamp Diameter: 15/16" (23.8 mm)
Weight: 11-7/8 ozs. (338 gms.) Pair with Cables and Cable Clips



PEDALS

SUPERBE
Model: PL-1000

Specification

Material: Forged light Alloy (Body)
Cr. Mo. (Spindle)
Type: Quill Type
Width: 2-3/8" (60 mm)
Thread: 9/16" x 20t (English)
14 x 1.25 (French)
Weight: 12-1/2 ozs. (353 gms.) Pair



SEAT PILLAR

SUPERBE
Model: SP-1000

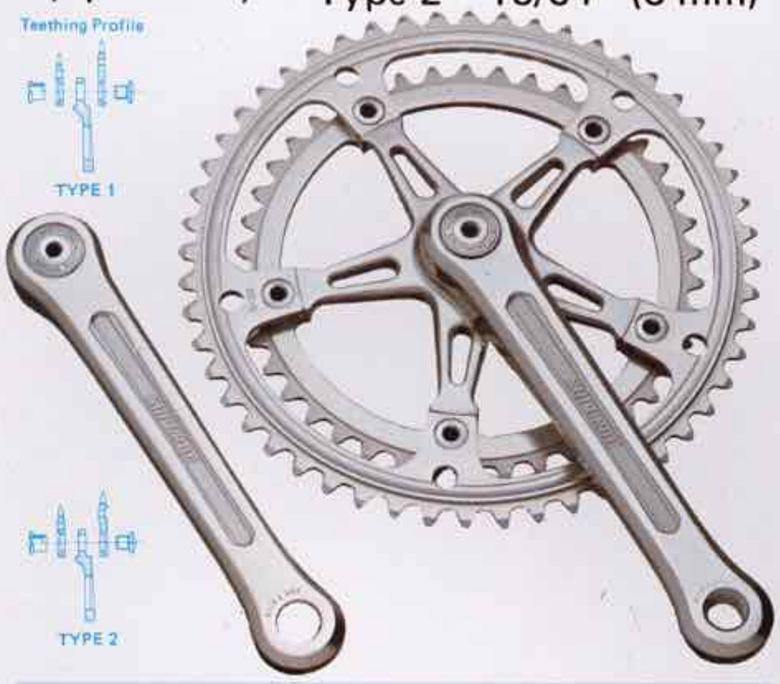
Specification

Material: Forged Light Alloy
Length: 7-7/8" (200 mm)
Diameter: 1-1/16" (26.8 mm)
(27.0 mm)
1-5/64" (27.2 mm)
Weight: 8-1/8 ozs. (230 gms.)



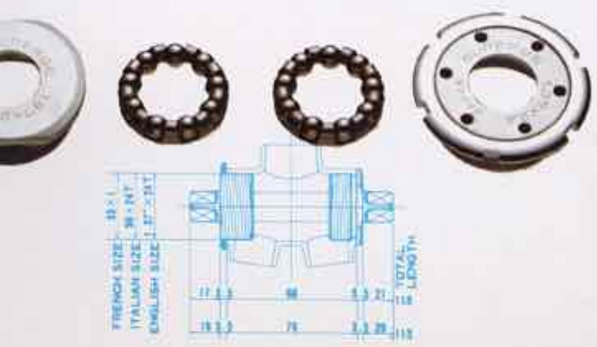
CHAIN WHEEL

SUPERBE
Model: CW-1000
Specification
Material: Forged Light Alloy
Type: Cotterless/Road Type
Chainrings: 1/2" x 3/32" Chain
Teeth: Inner Chainring 42, 43, 44, 45, 46, 47T
Outer Chainring 47, 48, 49, 50, 51, 52, 53, 54T
Crank Length: 6-1/2" (165 mm)
6-19/32" (167.5 mm)
6-11/16" (170 mm)
6-51/64" (172.5 mm)
6-57/64" (175 mm)
Pedal Thread: 9/16" x 20t (English)
14 x 1.25 (French)
Plate Thickness: (Sprockets) Type 1 – 13/64" (5 mm)
Type 2 – 15/64" (6 mm)



BOTTOM BRACKET SET

SUPERBE
Model: BB-100
Specification
Material: Cr/Mo Steel
Cup Thread: 1.37" x 24t (English)
35 x 1.0 (French)
36 x 24t (Itarian)



HEAD SET

SUN TOUR **SUPERBE**
Model: HS-100
Specification
Material: Steel (Main Parts)
Chromium Steel. (balls)
Type: Road Type
Thread: 1" x 24t (English)
25 x 1.0 (French)
Weight: 6 ozs. (172 gms.)



FORK ENDS

SUN TOUR **SUPERBE**
Model: EF-150
Specification
Type: Road Type
Material: Steel/Forged
Thickness: Front 1/4" (6 mm)
Rear 9/32" (7 mm)
Groove: Front 11/32" (9mm)
Rear 13/32" (10 mm)



FRAME FITTINGS

OUTER STOPPER
Model: OS-500
Material: Steel



CABLE GUIDE (Right)
Model: WL-500
Material: Steel



CABLE GUIDE (Left)
Model: WL-550
Material: Steel



LEVER BOSS
Model: LA-500
Material: Steel



CABLE GUIDE

Model: WL-120
Specification
Clamp Diameter: 1-1/8" (28.6 mm)
Material: Steel
Attachment Position: Seat tube and Down tube
Use: 10-Speed Only
Weight: 1-3/8 ozs. (38 gms.)



SUPERBE

Racing Equipment from SUN TOUR

TRACK GROUP

In order to develop Superbe <Track>, we have newly established very rigid designing standards. We improved machine tools, and with a view to more precise processing of parts, introduced machines for the work which had been done by hand. We also examined all the manufacturing processes, including the selection of material, processing, assemblying, adjusting and inspection. These efforts were absolutely necessary for the manufacture of Superbe <Track> that far excels ordinary racing bicycle parts.



The toughness that bears the impact of momentary power explosions, high mechanical precision, and a very light weight – all these features guarantee the unparalleled performance of Superbe <Track> in all respects.

CHAINWHEEL

SUPERBE
Model: CW-3000
Specification
Material: Forged Light Alloy
Type: Cotterless/Track Type
Chainring: 1/2" x 1/8" Chain
Teeth: 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54T
Crank Length: 6-1/2" (165 mm)
6-19/32" (167.5 mm)
6-11/16" (170 mm)
6-51/64" (172.5 mm)
6-57/64" (175 mm)
Pedal Thread: 9/16" x 20t (English)
14 x 1.25 (French)

Teething Profile



BOTTOM BRACKET SET

SUPERBE
Model: BB-300
Specification
Material: Cr/Mo Steel
Cup Thread: 1.37" x 24t (English)
35 x 1.0 (French)
36 x 24t (Itarian)

RACING HUBS

SUPERBE
Model: RH-3000
Specification
Material: Forged Light Alloy
Type: Large Flange
Thread: 1.37" x 24t (English)
34.8 x 1.0 (French)
Over Lock Nut Dimensions
Front 3-15/16" (100 mm)
Rear 4-3/4" (120 mm)
Spoke Holes: 28H, 32H, 36H
Weight: 18-1/2 ozs. (525 gms.) Pair



SUPERBE
Model: RH-4000
Specification
Material: Forged Light Alloy
Type: Small Flange
Thread: 1.37" x 24t (English)
34.8 x 1.0 (French)
Over Lock Nut Dimensions
Front 3-15/16" (100 mm)
Rear 4-3/4" (120 mm)
Spoke Hole: 28H, 32H, 36H
Weight: 16-3/4 ozs. (475 gms.) Pair



RACING SPROCKETS

Model: HC-100
Specification

Teeth	Weight
12T	3/8 ozs. (26 gms.)
13T	1-1/8 ozs. (32 gms.)
14T	1-1/2 ozs. (41 gms.)
15T	1-3/4 ozs. (49 gms.)
16T	2 ozs. (57 gms.)
17T	2-3/8 ozs. (68 gms.)

Use: For Track Hubs
Material: Steel
Standard Sprocket: 1/2" x 1/8" Chain
Thread: 1.37" x 24t (English)
Available by Request 1/2" x 3/32" Chain



Model: HC-500
Specification

Teeth	Weight
13T	27/64 ozs. (12 gms.)

Material: Ultra Super Duralumin
Standard Sprocket: 1/2" x 1/8 Chain
Thread: 1.37" x 24t (English)



ROCK RINGS

Model: HC-900
Specification
Use: For 12T Sprocket or 13~20T Sprockets
Thread: 1.29" x 24t (English)



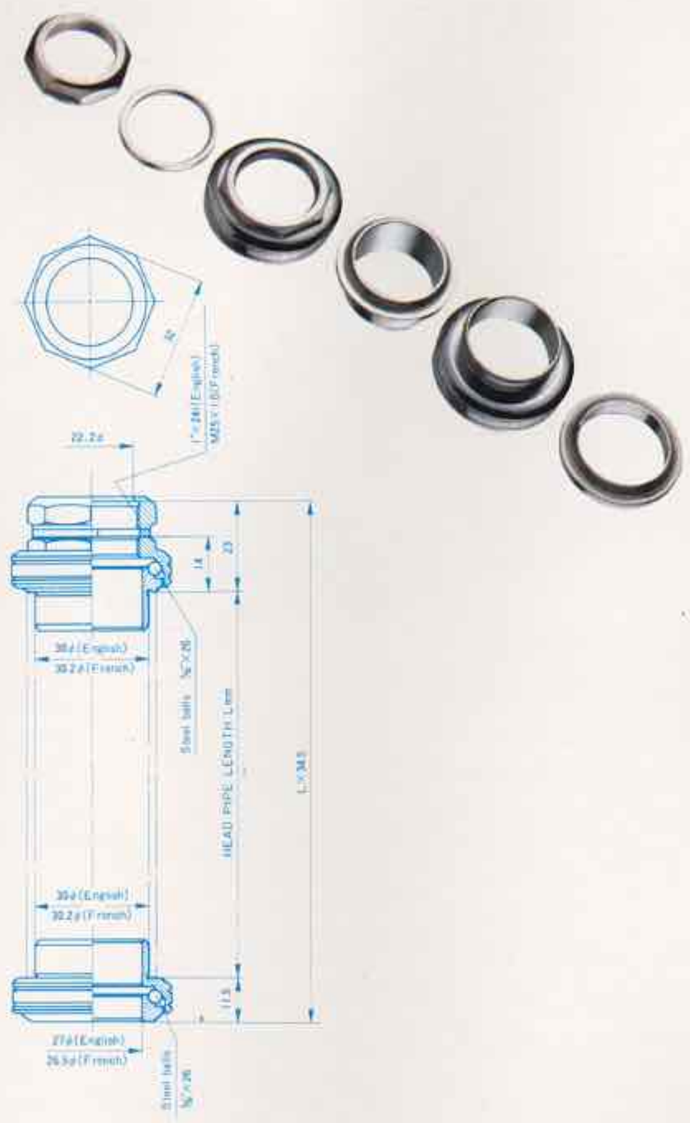
PEDALS

SUPERBE
Model: PL-3000
Specification
Material: Forged Light Alloy (Body)
Cr. Mo. Steel (Spindle)
Type: Track Type
Width: 2-3/8" (60 mm)
Thread: 9/16" x 20t (English)
14 x 1.25 (French)
Weight: 11-7/8 ozs. (335 gms.)



HEAD SET

SUN TOUR **SUPERBE**
Model: HS-300
Specification
Material: Steel (Main Parts)
Chromium Steel (Balls)
Type: Track Type
Thread: 1" x 24t (English)
25 x 1.0 (French)
Weight: 5-1/8 ozs. (145 gms.)



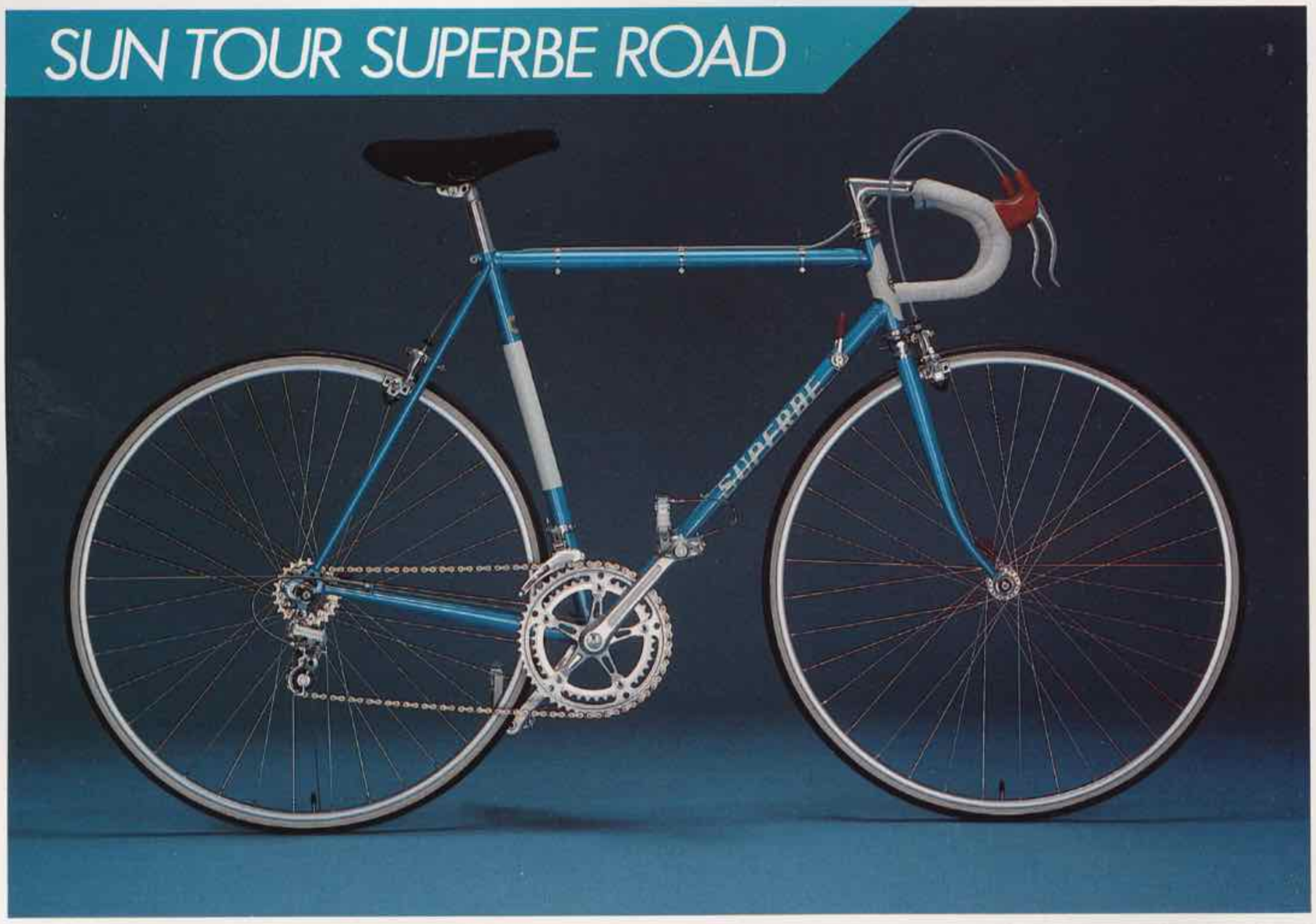
FORK ENDS

SUN TOUR **SUPERBE**
Model: EP-130
Specification
Material: Steel/Fine Blanking/Pressed
Type: Track Type
Thickness: Front 1/4" (6 mm)
Rear 3/16" (5 mm)
Groove: Front 5/16" (8 mm)
Rear 5/16" (8 mm)

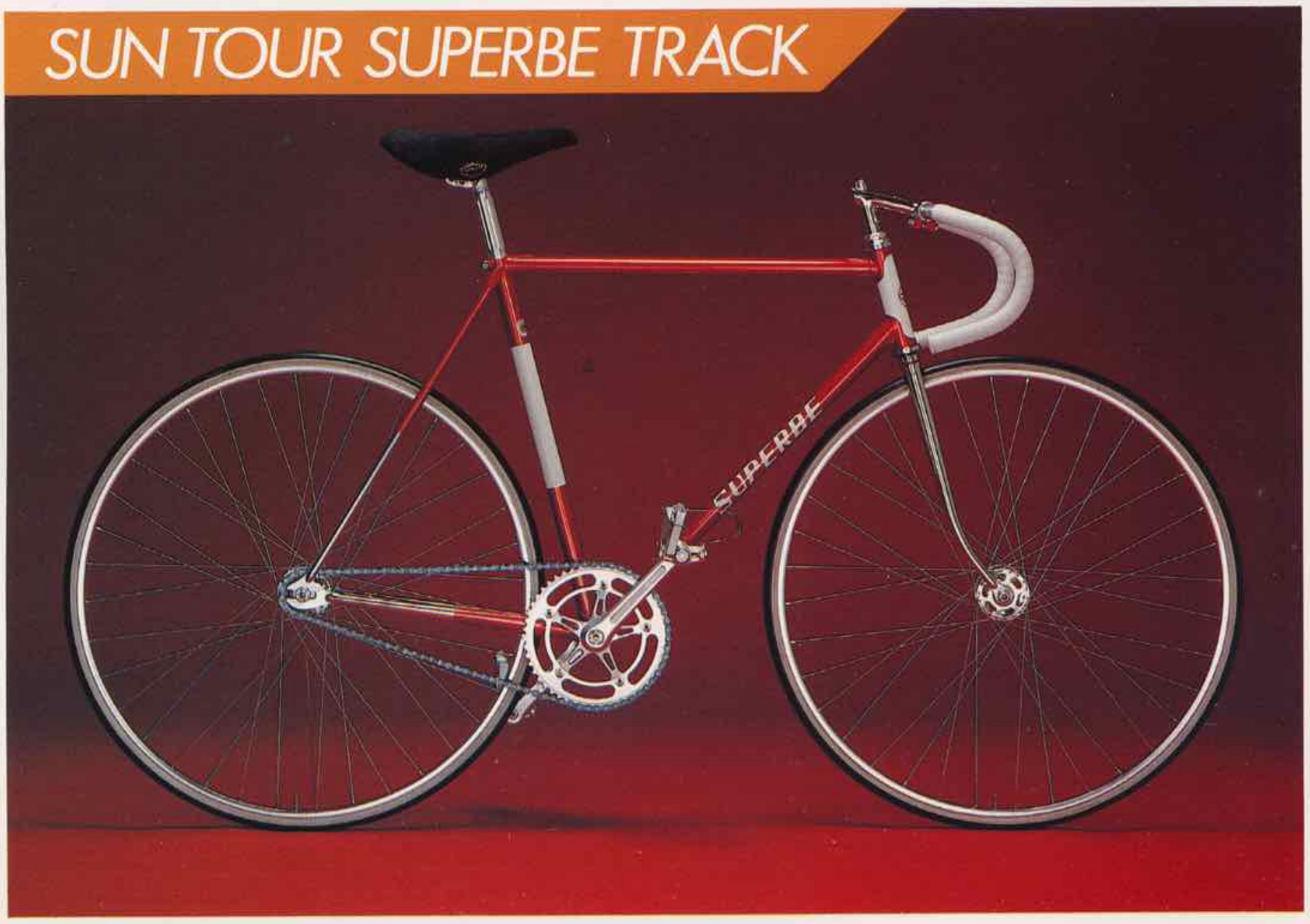
Model: EP-140
Specification
Material: Steel/Fine Blanking/Pressed
Type: Track Type
Thickness: Front 1/4" (6 mm)
Rear 3/16" (5 mm)
Groove: Front 11/32" (9 mm)
Rear 13/32" (10 mm)



SUN TOUR SUPERBE ROAD



SUN TOUR SUPERBE TRACK



CYCLONE FAMILY

Cyclone Family is a set of high-class bicycle parts for road racing and touring.

In a race, bicycle parts must maintain high performance under such severe conditions as are inconceivable in the normal use of the bicycle. In touring, bicycle parts must be strong enough to overcome various adverse road conditions.

Cyclone Family embodies a lot of knowhow obtained through repeated performance tests. Made of forged metal alloy, Cyclone Family parts are elaborately machined and treated with alumite to prevent corrosion.

We are confident that racers and cyclists across the world will be quite satisfied with the superb performance of Cyclone Family.



REAR DERAILLEURS

SUN TOUR **CYCLONE**
Model: RD-1700
Specification
Material: Forged Light Alloy
Gear Capacity: 24T
Front 53T – 40T = 13T
Rear 13T – 24T = 11T
Stroke: 1-1/4" (31 mm)
Mechanism: Slant Parallelogram
Top Normal
Weight: 6-1/8 ozs. (175 gms.)
Without Bracket



SUN TOUR **CYCLONE GT**
Model: RD-1800
Specification
Material: Forged Light Alloy
Gear Capacity: 34T (36T with bracket)
Front 52T – 36T = 16T
Rear 14T – 32T = 18T
(14T – 34T = 20T with bracket)
Stroke: 1-1/4" (31 mm)
Mechanism: Slant Parallelogram
Top Normal
Weight: 6-5/8 ozs. (188 gms.)



FRONT DERAILLEUR

SUN TOUR **CYCLONE**
Model: FD-1300
Specification
Material: Forged Light Alloy (Body)
Steel (Cage)
Gear Capacity:
18 Tor Less
Mechanism:
Parallelogram
Low Normal
Clamp Diameter:
1-1/8" (28.6 mm)
Weight: 3-1/2 ozs.
(98 gms.)



CONTROL LEVER

SUN TOUR **CYCLONE**
Model: LD-1600
Specification
Material: Forged Light Alloy (Lever Handle)
Stainless Steel (Lever Clamp)
Type: Universal Type/Double Lever/
Endless Type Clamp (28 mm)
Lever Clamp Diameter: 1-1/8" (28.6 mm)
Attachment Position: Down Tube
Weight: 2-1/8 ozs. (60 gms.)



SUN TOUR **BAR-CON**
Model: LD-1400
Specification
Material: Light Alloy
Type: Power Lever with Ratchet
Use: 10-speed
Attachment Position: Bar-End
Weight: 6-1/4 ozs. (176 gms.)



ROAD VX

ROAD & TOURING GROUP

Road VX is a set of bicycle parts produced with en eye to pursuing the very basis of the fundamental and the most important performance of bicycle parts required for touring and road racing.

Road VX parts, besides being superior in performance, high in durability and light in weight, are easy to use and give the rider the real pleasure of cycling. In particular, the rearderailer is available in four varieties according to purposes of use.

Road VX is high-class bicycle parts best suited to people for whom bicycle touring and racing constitute an important part of daily life.



REAR DERAILLEURS

SUN TOUR *ROADVX*
Model: RD-2200
Specification
Material: Light Alloy
Gear Capacity: 24T
Front 52T – 40T = 12T
Rear 14T – 26T = 12T
Stroke: 1-1/4" (31 mm)
Mechanism: Slant Parallelogram
Top Normal
Weight: 7-1/2 ozs. (200 gms.)
Option: Bracket



SUN TOUR
ROADVXT
Model: RD-2300
Specification
Material: Light Alloy
Gear Capacity: 28T
Front 52T – 40T = 12T
Rear 14T – 30T = 16T
Stroke: 1-1/4" (31 mm)
Mechanism: Slant Parallelogram
Top Normal
Weight: 7-3/8 ozs. (210 gms.)
Option: Bracket

SUN TOUR *ROADVX GT*
Model: RD-2400
Specification
Material: Light Alloy
Gear Capacity: 34T
Front 52T – 36T = 16T
Rear 14T – 34T = 20T
Stroke: 1-1/4" (31 mm)
Mechanism: Slant Parallelogram
Top Normal/Quick Cage
Weight: 7-3/8 ozs. (210 gms.)
Option: Bracket



SUN TOUR
ROADVXS
Model: RD-2500
Specification
Material: Light Alloy
Gear Capacity: 30T
Front 52T – 38T = 14T
Rear 14T – 30T = 16T
Stroke: 1-1/4" (31 mm)
Mechanism: Slant Parallelogram
Top Normal/Quick Cage
Weight: 7-3/8 ozs. (210 gms.)
Option: Bracket



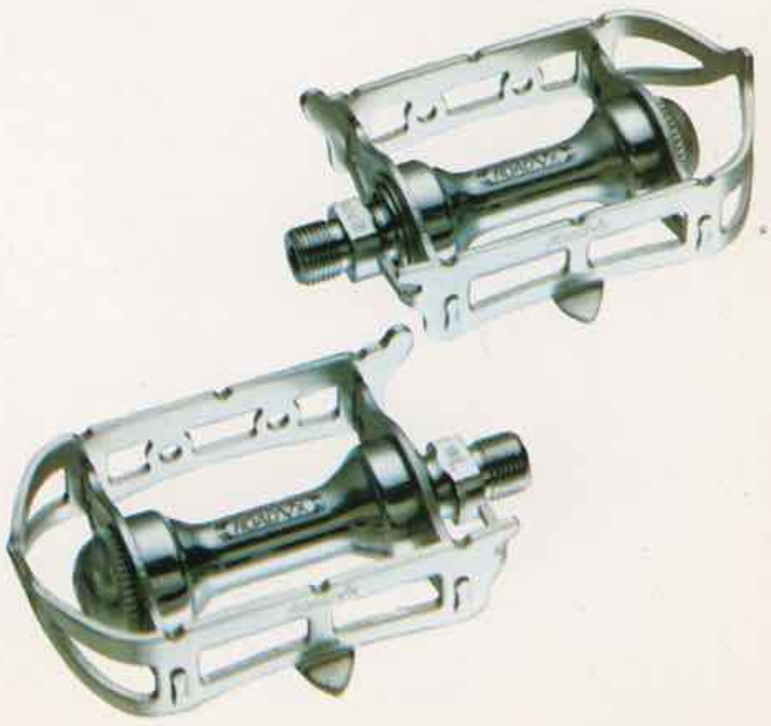
FRONT DERAILLEUR

SUN TOUR *ROADVX*
Model: FD-1600
Specification
Material: Light Alloy (Body)
Steel (Cage)
Gear Capacity: 15 T or Less
Mechanism: Parallelogram
Low Normal
Clamp Diameter: 1-1/8" (28.6 mm)
Weight: 3-3/4 ozs. (105 gms.)



PEDALS

ROADVX
Model: PL-1500
Specification
Material: Forged Light Alloy (Body)
Steel (Spindle)
Type: Quill Type
Width: 2-3/8" (60 mm)
Thread: 9/16" x 20t (English)
14 x 1.25 (French)
Weight: 13-3/4 ozs. (390 gms.)



CONTROL LEVERS

SUN TOUR *ROADVX*
Model: LD-1900
Specification
Material: Light Alloy (Lever Handle)
Stainless Steel (Lever Clamp)
Type: Universal Type/Double Lever
Lever Clamp Diameter: 1-1/8" (28.6 mm)
Attachment Position: Down Tube
Weight: 2-7/8 ozs. (80 gms.)



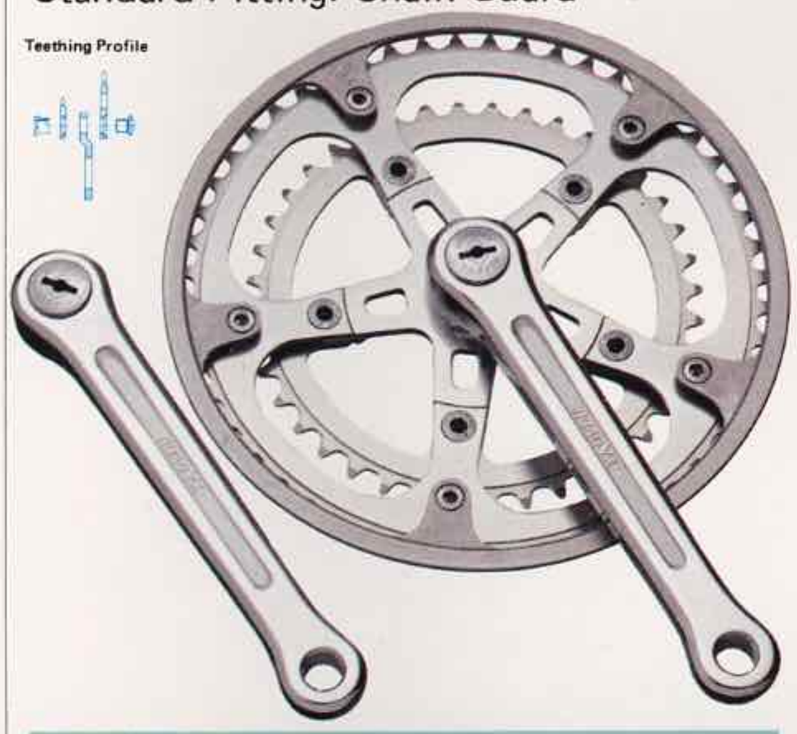
SUN TOUR **PDL-M**
Model: LD-1500
Specification
Material: Light Alloy (Lever Handle)
Steel (Lever Clamp)
Type: Power Double Lever with Ratchet
Lever Clamp Diameter: 1-1/8" (28.6 mm)
Attachment Position: Down Tube
Weight: 4-3/8 ozs. (125 gms.)



CHAINWHEEL

ROADVX
Model: CW-1500
Specification
Material: Forged Light Alloy
Type: Cotterless/Road Type
Standard Chainrings: 1/2" x 3/32" Chain
Teeth: Inner Chainrings 34, 36, 40, 42, 44, 45, 46, 48T
Outer Chainrings 48, 50, 51, 52, 53T
Crank Length: 6-1/2" (165 mm)
6-11/16" (170 mm)
Pedal Thread: 9/16" x 20t (English)
14 x 1.25 (French)
Standard Fitting: Chain Guard

Teething Profile



BOTTOM BRACKET SET

ROADVX
Model: BB-150
Specification
Material: Cr/Mo Steel
Cup Thread: 1.37" x 24t (English)
35 x 1.0 (French)
36 x 24t (Itarian)
Lug Width: 2-11/16" (68 mm)
2-3/4" (70 mm)





Lug Width	A	B	C	D	E	Chain Line Double
68mm	10.5	32	52	37.5	142.5	43.0
70mm	10.5	35	55	37.5	148.5	44.5

FREEWHEELS

SUN TOUR **PRO-COMPE 5-SPEED**
Model: PC-5000
Specification
Standard Sprocket: 1/2" x 3/32" Chain
Material: Steel/Golden Finish
Thread: 1.37" x 24t (English) 34.8 x 1.0 (French)
Type: Boss Type
Complete Freewheel are Made to Order Within the Sprocket Sizes Mentioned
Above 1st : 14, 15T
2nd : 15, 16T
3rd ~ 5th : 16, 17, 18, 19, 20, 21, 22 23, 24, 26, 27T
Available for Close Ratio 14x15x16x17x 18T



HUBS

ROADVX
Model: RH-2500
Specification
Material: Forged Light Alloy
Type: Quick Release/Large Flange
Thread: 1.37" x 24t (English)
34.8 x 1.0 (French)
Over Lock Nut Dimensions:
Front 3-15/16" (100 mm)
Rear 4-3/4" (120 mm)
Spoke Hole: 36H
Weight: 22-5/8 ozs. (640 gms.) Pair



ROADVX
Model: RH-1500
Specification
Material: Forged Light Alloy
Type: Quick Release/Small Flange
Thread: 1.37" x 24t (English)
34.8 x 1.0 (French)
Over Lock Nut Dimensions:
Front 3-15/16" (100 mm)
Rear 4-3/4" (120 mm)
Spoke Hole: 36H
Weight: 21 ozs. (595 gms.) Pair



SunTour GENUINE COMPONENTS

REAR DERAILLEURS

SUN TOUR *SUPERBE*
Model: RD-2100

Specification

Material: Forged Light Alloy
Gear Capacity: 22T
Front 54T – 42T = 12T
Rear 13T – 23T = 10T
Stroke: 1-1/4" (31 mm)
Mechanism: Slant Parallelogram
Top Normal
Weight: 7 ozs.
(198 gms.)



SUN TOUR
CYCLONE
Model: RD-1700

Specification

Material: Forged Light Alloy
Gear Capacity: 24T
Front 53T – 40T = 13T
Rear 13T – 24T = 11T
Stroke: 1-1/4" (31 mm)
Mechanism: Slant Parallelogram
Top Normal
Weight: 6-1/8 ozs. (175 gms.)
Without Bracket
Option: Bracket



SUN TOUR **CYCLONE GT**
Model: RD-1800

Specification

Material: Forged Light Alloy
Gear Capacity: 34T (36T with Bracket)
Front 52T – 36T = 16T
Rear 14T – 32T = 18T
(14T – 34T = 20T with Bracket)
Stroke: 1-1/4" (31 mm)
Mechanism: Slant Parallelogram
Top Normal/Quick Cage
Weight: 6-5/8 ozs.
(188 gms.)
Without
Bracket
Option: Bracket



SUN TOUR
ROADVX
Model: RD-2200

Specification

Material: Light Alloy
Gear Capacity: 24T
Front 52T – 40T = 12T
Rear 14T – 26T = 12T
Stroke: 1-1/4" (31 mm)
Mechanism: Slant Parallelogram
Top Normal
Weight: 7-1/2 ozs. (200 gms.)
Option: Bracket



SUN TOUR *ROADVX*
Model: RD-2300

Specification

Material: Light Alloy
Gear Capacity: 28T
Front 52T – 40T = 12T
Rear 14T – 30T = 16T
Stroke: 1-1/4" (31 mm)
Mechanism: Slant Parallelogram
Top Normal
Weight: 7-3/8 ozs. (210 gms.)
Option: Bracket



SUN TOUR
ROADVX GT
Model: RD-2400

Specification

Material: Light Alloy
Gear Capacity: 34T
Front 52T – 36T = 16T
Rear 14T – 34T = 20T
Stroke: 1-1/4" (31 mm)
Mechanism: Slant Parallelogram
Top Normal/Quick Cage
Weight: 7-3/8 ozs. (210 gms.)
Option: Bracket



SUN TOUR **GT**
Model: RD-1200
Specification
Material: Steel
Gear Capacity: 36T
Front 52T – 36T = 16T
Rear 14T – 34T = 20T
Stroke: 1-1/4" (31 mm)
Mechanism: Slant Parallelogram
Top Normal/Quick Cage
Weight: 15-1/2 ozs.
(440 gms.)



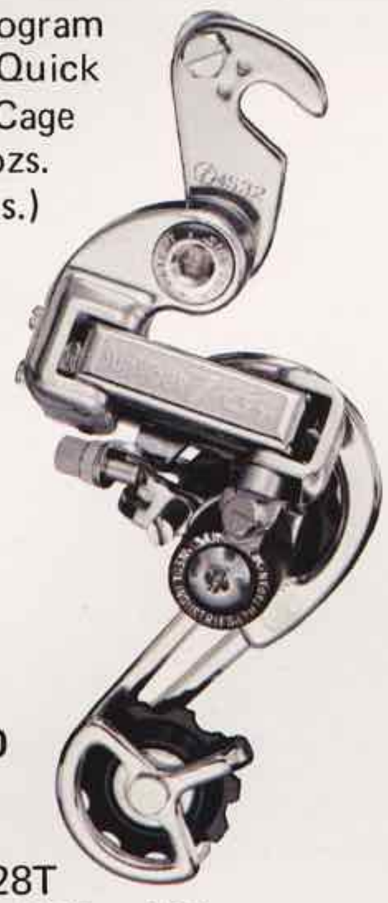
SUN TOUR *ROADVXS*
Model: RD-2500
Specification
Material: Light Alloy
Gear Capacity: 30T
Front 52T – 38T = 14T
Rear 14T – 30T = 16T
Stroke: 1-1/4" (31 mm)
Mechanism: Slant Parallelogram
Top Normal/Quick Cage
Weight: 7-3/8 ozs.
(210 gms.)



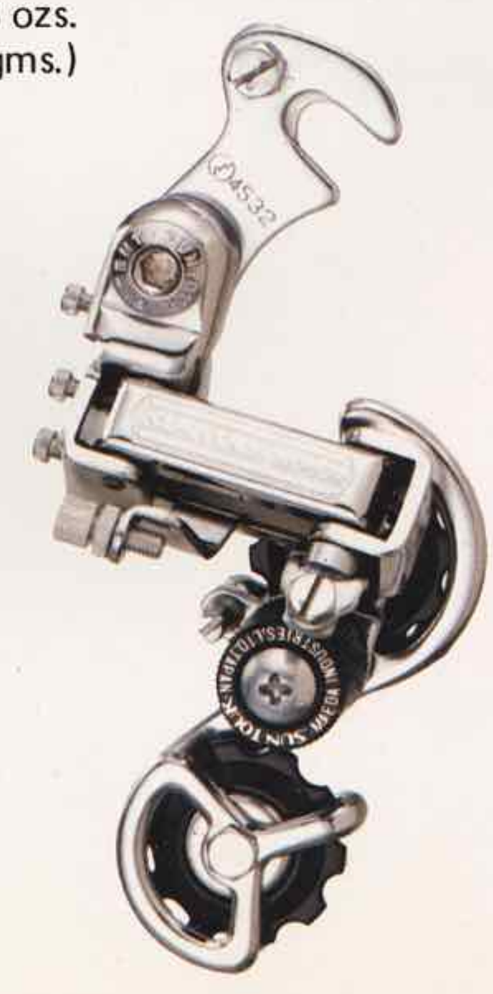
SUN TOUR
SEVEN
Model: RD-1900
Specification
Material: Steel
Gear Capacity: 28T
Front 48T – 36T = 12T
Rear 14T – 30T = 16T
Stroke: 1-1/4" (31 mm)
Mechanism: Slant Parallelogram
Top Normal/Quick Cage
Weight: 12-7/8 ozs.
(364 gms.)



SUN TOUR **SEVEN-GT**
Model: RD-2000
Specification
Material: Steel
Gear Capacity: 36T
Front 52T – 36T = 16T
Rear 14T – 34T = 20T
Stroke: 1-1/4" (31 mm)
Mechanism:
Slant Parallelogram
Top Normal/Quick
Cage
Weight: 13-5/8 ozs.
(385 gms.)



SUN TOUR
HONOR
Model: RD-1100
Specification
Material: Steel
Gear Capacity: 28T
Front 48T – 36T = 12T
Rear 14T – 30T = 16T
Stroke: 1-1/4" (31 mm)
Mechanism: Slant Parallelogram
Top Normal/Quick Cage
Weight: 14-1/8 ozs.
(400 gms.)



SUN TOUR
SKITTER
Model: RD-1000
Specification
Material: Steel
Gear Capacity: 28T
Front 48T – 36T = 12T
Rear 14T – 30T = 16T
Stroke: 1-1/4" (32 mm)
Mechanism:
Slant Parallelogram
Low Normal
Weight: 11-1/8 ozs.
(315 gms.)

SUN TOUR **LOVE**
Model: RD-1600
Specification
Material: Steel
Freewheel: 28T
available
For 3-5 Speed
Weight: 8-1/4 ozs.
(232 gms.)



SunTour GENUINE COMPONENTS

FRONT DERAILLEURS

SUN TOUR ***SUPERBE***
Model: FD-1500
Specification
Material: Forged Light Alloy (Body)
Steel (Cage)
Gear Capacity: 18T or Less
Mechanism: Parallelogram
Low Normal
Clamp Diameter: 1-1/8" (28.6 mm)
28.0 mm
Weight: 3-1/2 ozs.
(100 gms.)



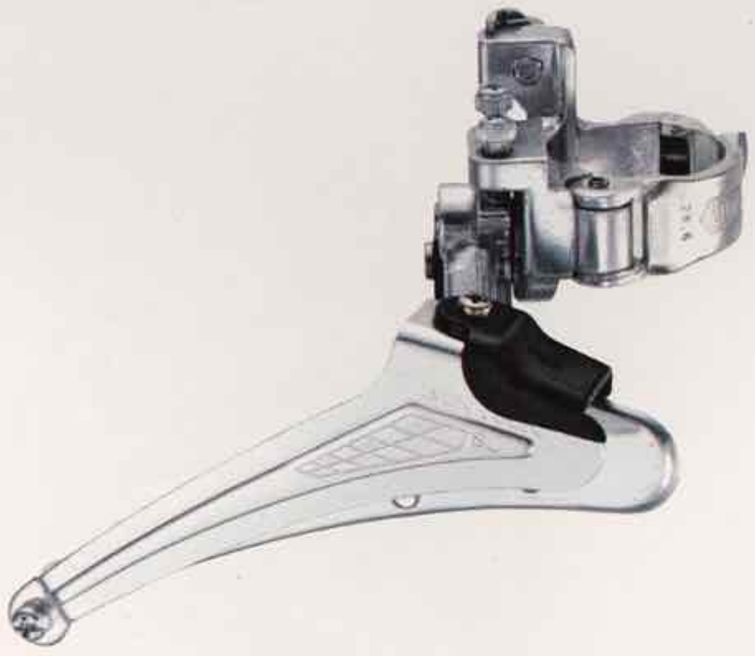
SUN TOUR **CYCLONE**
Model: FD-1300
Specification
Material: Forged Light Alloy (Body)
Steel (Cage)
Gear Capacity: 18T or Less
Mechanism: Parallelogram
Low Normal
Clamp Diameter: 1-1/8" (28.6 mm)
Weight: 3-1/2 ozs. (98 gms.)



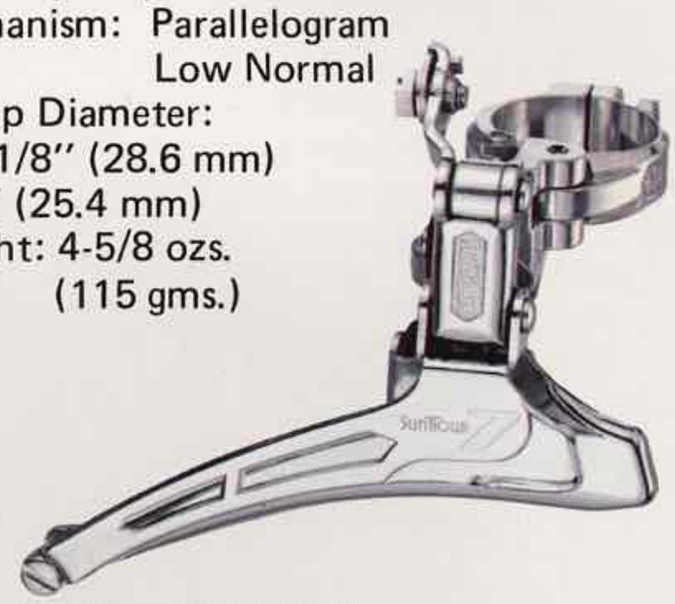
SUN TOUR *ROADVX*
Model: FD-1600
Specification
Material: Light Alloy (Body)
Steel (Cage)
Gear Capacity: 15T or Less
Mechanism: Parallelogram
Low Normal
Clamp Diameter: 1-1/8" (28.6 mm)
Weight: 3-3/4 ozs. (105 gms.)



SUN TOUR **SL**
Model: FD-1200
Specification
Material: Light Alloy (Body & Cage)
Gear Capacity: 15T or Less
Mechanism: Slant Parallelogram
Top Normal
Clamp Diameter: 1-1/8" (28.6 mm)
28.0 mm
Weight: 3-7/8 ozs. (110 gms.)



SUN TOUR **SEVEN**
Model: FD-1400
Specification
Material: Light Alloy (Body)
Steel (Cage)
Gear Capacity: 18T or Less
Mechanism: Parallelogram
Low Normal
Clamp Diameter:
1-1/8" (28.6 mm)
1" (25.4 mm)
Weight: 4-5/8 ozs.
(115 gms.)



SUN TOUR **COMPE-V**
Model: FD-1100
Specification
Material: Light Alloy (Body)
Steel (Cage)
Gear Capacity: 18T or Less
Mechanism: Slant Parallelogram
Top Normal
Clamp Diameter:
1-1/8" (28.6 mm)
28.0 mm
Weight: 5-1/8 ozs.
(145 gms.)



SUN TOUR **SPIRT**
Model: FD-1000
Specification
Material: Steel
Gear Capacity: 18T or Less
Mechanism: Slant Parallelogram
Clamp Diameter:
1-1/8" (28.6 mm)
28.0 mm
1" (25.4 mm)
Weight: 5-5/8 ozs.
(160 gms.)



SunTour
GENUINE COMPONENTS

CONTROL LEVERS

SUN TOUR *SUPERBE*
Model: LD-2000
Specification
Material: Forged Light Alloy
(Lever Handle)
Stainless Steel (Lever Clamp)
Type: Universal Type/Double Lever
Lever Clamp Diameter: 1-1/8" (28.6 mm)
28 mm
Attachment Position: Down Tube
Weight: 2-1/4 ozs. (65 gms.)



SUN TOUR *ROADVX*
Model: LD-1900
Specification
Material: Light Alloy (Lever Handle)
Stainless Steel (Lever Clamp)
Type: Universal Type/Double Lever
Lever Clamp Diameter: 1-1/8" (28.6 mm)
Attachment Position: Down Tube
Weight: 2-7/8 ozs. (80 gms.)



SUN TOUR **PDL-M**
Model: LD-1500
Specification
Material: Light Alloy (Lever Handle)
Steel (Lever Clamp)
Type: Power Double Lever with Ratchet
Lever Clamp Diameter: 1-1/8" (28.6 mm)
Attachment Position: Down Tube
Weight: 4-3/8 ozs. (125 gms.)



SUN TOUR **CYCLONE**
Model: LD-1600
Specification
Material: Forged Light Alloy
(Lever Handle)
Stainless Steel (Lever Clamp)
Type: Universal Type/Double Lever/
Endless Type Clamp
Lever Clamp Diameter: 1-1/8" (28.6 mm)
28 mm
Attachment Position: Down Tube
Weight: 2-1/8 ozs. (60 gms.)

SUN TOUR **PSL-M**
Model: LS-1500
Specification
Material: Light Alloy (Lever Handle)
Steel (Lever Clamp)
Type: Power Single Lever with Ratchet
Lever Clamp Diameter: 1-1/8" (28.6 mm)
Attachment Position: Down Tube
Weight: 2-1/2 ozs. (72 gms.)

SUN TOUR **NPUB-10**
Model: LD-1700

Specification

Material: Light Alloy
Type: Power Double Lever with Ratchet
Lever Clamp Diameter: 7/8" (21.2 mm)
Attachment Position: Handle Stem
Weight: 5-5/8 ozs. (160 gms.)



SUN TOUR **DLW**
Model: LD-1000

Specification

Material: Light Alloy (Lever Handle)
Steel (Lever Clamp)
Type: Universal Type/Double Lever
Lever Clamp Diameter: 1-1/8" (28.6 mm)
Attachment Position: Down Tube
Weight: 3-3/4 ozs. (106 gms.)



SUN TOUR **PUB-10**
Model: LD-1300

Specification

Material: Light Alloy (Lever Handle)
Steel (Body, Clamp)
Type: Power Double Lever with Ratchet
Lever Clamp Diameter: 7/8" (21.2 mm)
Attachment Position: Handle Stem
Weight: 8 ozs. (227 gms.)



SUN TOUR **SLW**
Model: LS-1000

Specification

Material: Light Alloy (Lever Handle)
Steel (Lever Clamp)
Type: Universal Type/Single Lever
Lever Clamp Diameter: 1-1/8" (28.6 mm)
Attachment Position: Down Tube
Weight: 2-1/4 ozs. (65 gms.)



SUN TOUR **PUB-5**
Model: LS-1300

Specification

Material: Light Alloy (Lever Handle)
Steel (Body, Clamp)
Type: Power Single Lever with Ratchet
Lever Clamp Diameter: 7/8" (21.2 mm)
Attachment Position: Handle Stem
Weight: 5-1/2 ozs. (156 gms.)



SUN TOUR **ST-10**
Model: LD-1200
Specification
Material: Light Alloy (Lever Handle)
Plastic (Body)
Steel (Clamp)
Type: Universal Type/Double Lever
Lever Clamp Diameter: 7/8" (21.2 mm)
Attachment Position: Handle Stem
Weight: 5-1/2 ozs. (157 gms.)



SUN TOUR **ST-5**
Model: LS-1200
Specification
Material: Light Alloy (Lever Handle)
Plastic (Body)
Steel (Clamp)
Type: Universal Type/Single Lever
Lever Clamp Diameter: 7/8" (21.2 mm)
Attachment Position: Handle Stem
Weight: 4-1/4 ozs. (120 gms.)



SUN TOUR **UB-10**
Model: LD-1100
Specification
Material: Light Alloy (Lever Handle)
Steel (Body, Clamp)
Type: Universal Type/Double Lever
Lever Clamp Diameter: 7/8" (21.2 mm)
Attachment Position: Handle Stem
Weight: 5 ozs. (143 gms.)



SUN TOUR **UB-5**
Model: LS-1100
Specification
Material: Light Alloy (Lever Handle)
Steel (Body, Clamp)
Type: Universal Type/Single Lever
Lever Clamp Diameter: 7/8" (21.2 mm)
Attachment Position: Handle Stem
Weight: 3-7/8 ozs. (110 gms.)



SUN TOUR **MIGHTY SHIFTER II**
Model: LS-2200
Specification
Material: Light Alloy (Lever Handle)
Steel (Lever Clamp)
Type: Power Single Lever with Ratchet
Lever Clamp Diameter: 7/8" (22.2 mm)
15/16" (23.8mm)
Attachment Position: Handle Bar
Weight: 3-3/8 ozs. (95 gms.)



SUN TOUR **BAR-CON**
Model: LD-1400
Specification
Material: Light Alloy
Type: Power Double Lever with Ratchet
Use: 10-speed
Attachment Position: Bar-End
Weight: 6-1/4 ozs. (176 gms.)



SunTour
GENUINE COMPONENTS

FREEWHEELS

SUN TOUR **WINNER-S 5-SPEED**
Model: WS-5000

Specification

Standard Sprocket: 1/2" x 3/32" Chain
Material: Steel/Silver Finish
Thread: 1.37" x 24t (English) 34.8 x 1.0 (French)
Type: Boss Type
Complete Freewheel are Made to Order Within the Sprocket Sizes Mentioned
Above 1st : 13, 14T
2nd : 14, 15, 16T
3rd : 15, 16, 17, 18T
4th & 5th : 16, 17, 18, 19, 20, 21, 22, 23, 24, 26T
Available for Close Ratio 13x14x15x16x17T



SUN TOUR **PRO-COMPE 6-SPEED**
Model: PC-6000

Specification

Standard Sprocket: 1/2" x 3/32" Chain
Material: Steel/Golden Finish
Thread: 1.37" x 24t (English) 34.8 x 1.0 (French)
Type: Boss Type
Complete Freewheel are Made to Order Within the Sprocket Sizes Mentioned
Above 1st : 13, 14T
2nd : 14, 15T
3rd : 15, 16, 17, 18T
4th ~ 6th : 16, 17, 18, 19, 20, 21, 22, 23, 24, 25T
Available for Close Ratio 13x14x15x16x17x18T



SUN TOUR **PRO-COMPE 5-SPEED**
Model: PC-5000

Specification

Standard Sprocket: 1/2" x 3/32" Chain
Material: Steel/Golden Finish
Thread: 1.37 x 24t (English) 34.8 x 1.0 (French)
Type: Boss Type
Complete Freewheel are Made to Order Within the Sprocket Sizes Mentioned
Above 1st : 14, 15T
2nd : 15, 16T
3rd ~ 5th : 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27T
Available for Close Ratio 14 x 15 x 16 x 17 x 18T



SUN TOUR **PERECT 5-SPEED**
Model: PT-5000

Specification

Standard Sprocket: 1/2" x 3/32" Chain
Material: Steel/Brown Finish
Thread: 1.37" x 24t (English) 34.8 x 1.0 (French)
Type: Boss Type
Complete Freewheel are Made to Order Within the Sprocket Sizes Mentioned
Above 1st : 14, 15T
2nd : 15, 16T
3rd ~ 5th : 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27T
Available for Close Ratio 14 x 15 x 16 x 17 x 18T
Z gear used over 17, Teeth



SUN TOUR **3-SPEED FREEWHEEL**
Model: PT-3000

Specification

Standard Sprocket: 1/2" x 1/8" Chain
Thread: 1.37" x 24t (English) 34.8 x 1.0 (French)
Type: Boss Type/Brown Finish
Standard Model: 15x19x24T

SUN TOUR **3-SPEED FREEWHEEL**

Model: FT-3000

Standard Sprocket: 1/2" x 1/8" Chain
Thread: 1.37" x 24t (English) 34.8 x 1.0 (French)
Type: Flash Type/Brown Finish
Standard Model: 16x19x24T



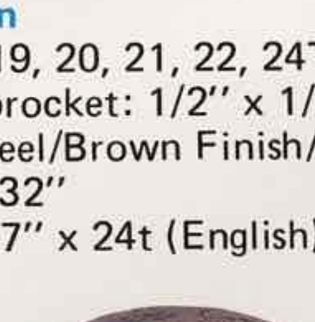
SUN TOUR **SINGLE FREEWHEEL**
Model: FS-1000
Specification
Teeth: 16, 18, 19, 20, 21, 22, 24T
Standard Sprocket: 1/2" x 1/8" Chain
Material: Steel/Brown Finish/Full Balls 1/8"
Thread: 1.37" x 24t (English)



SUN TOUR **SINGLE FREEWHEEL**
Model: FS-2000
Specification
Teeth: 18, 19, 20, 21, 22, 24T
Standard Sprocket: 1/2" x 1/8" Chain
Material: Steel/Brown Finish/Full Balls 5/32"
Thread: 1.37" x 24t (English)



CHAIN TENSIONER FOR TANDEM
Model: DT-100
Specification
Material: Steel/Brown Finish
Standard Sprocket: 1/2" x 1/8" Chain
Teeth: 12T
Weight: 5-1/8 ozs. (144 gms.)
Axsle Length: 1-1/4" (45 mm)
1-3/8" (36 mm)



SUN TOUR **SINGLE FREEWHEEL (MINI SIZE)**
Model: MF-1000
Specification
Standard Sprocket: 1/2" x 1/8" Chain 14T
Material: Steel/Brown Finish/Full Balls 5/32"
Thread: 30 x 24t (English)
Hub: Mini Size Only





RACING SPROCKETS

Model: HC-100
Specification

Teeth	Weight
12T	3/8 ozs. (26 gms.)
13T	1-1/8 ozs. (32 gms.)
14T	1-1/2 ozs. (41 gms.)
15T	1-3/4 ozs. (49 gms.)
16T	2 ozs. (57 gms.)
17T	2-3/8 ozs. (68 gms.)

Use: For Track Hubs
Material: Steel
Standard Sprocket: 1/2" x 1/8" Chain
Thread: 1.37" x 24t (English)
Available by Request 1/2" x 3/32" Chain



Model: HC-500
Specification

Teeth	Weight
13T	27/64 ozs. (12 gms.)

Material: Ultra Super Duralumin
Standard Sprocket: 1/2" x 1/8" Chain
Thread: 1.37" x 24t (English)



ROCK RINGS
Model: HC-900
Specification
Use: For 12T Sprocket or 13T ~ 17T Sprockets
Thread: 1.29" x 24t (English



ULTRA-6 MULTIPLE FREEWHEELS AND ULTRA-6 CHAIN

SUN TOUR **ULTRA-6 MULTIPLE FREEWHEEL** (WINNER TYPE)

Model: US-6000

Specification

Standard Sprocket: 1/2" x 3/32"
Material: Steel (Ultra-6 Chain)
Thread: 1.37" x 24t (English)
34.8 x 1.0 (French)
Type: Boss Type
Complete Freewheel are Made to Order Within the Sprocket Sizes Mentioned

Above 1st : 13, 14T
2nd : 14, 15, 16T
3rd : 15, 16, 17T
4th ~ 6th : 16, 17, 18, 19, 20, 21, 22, 23, 24, 26T

Standard Model:
13 x 14 x 15 x 16 x 17 x 18T
13 x 15 x 16 x 17 x 19 x 21T
13 x 14 x 16 x 18 x 20 x 23T
13 x 15 x 17 x 19 x 21 x 24T
13 x 15 x 17 x 20 x 23 x 26T
Available for Close Ratio 13x14x15x16x17T



SUN TOUR **ULTRA-6 MULTIPLE FREEWHEEL** (PERFECT TYPE)

Model: US-6500

Specification

Standard Sprocket: 1/2" x 3/32"
Material: Steel (Ultra-6 Chain)
Thread: 1.37" x 24t (English)
34.8 x 1.0 (French)
Type: Boss Type
Complete Freewheel are Made to Order Within the Sprocket Sizes Mentioned

Above 1st : 14T
2nd : 15, 16, 17T
3rd ~ 6th : 16, 17, 18, 19, 20, 21, 22, 23, 24, 26T

Standard Model:
14 x 15 x 16 x 17 x 18 x 19T
14 x 15 x 16 x 18 x 20 x 23T
14 x 16 x 18 x 20 x 22 x 24T
14 x 16 x 18 x 20 x 23 x 26T
14 x 15 x 16 x 17 x 19 x 21T
Available for Close Ratio 13x14x15x16x17x18T

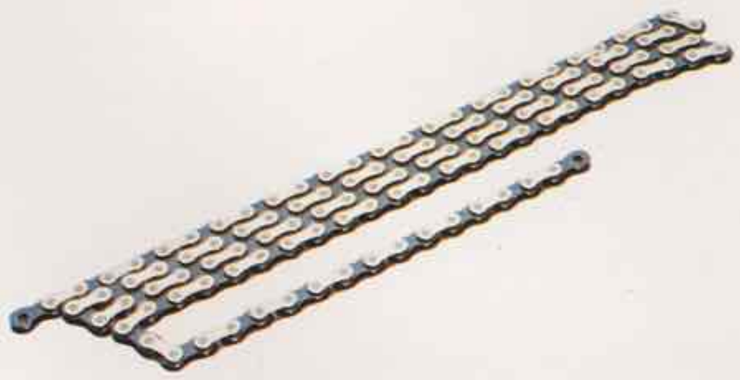


SUN TOUR **ULTRA-6 CHAIN**

Model: UC-6000

Specification

Material: Steel
Surface Treatment: Roller Link Plate/ Black Finish Pin Link Plate/Silver Finish
Size: 1/2" x 3/32" (Ultra-6 Size)

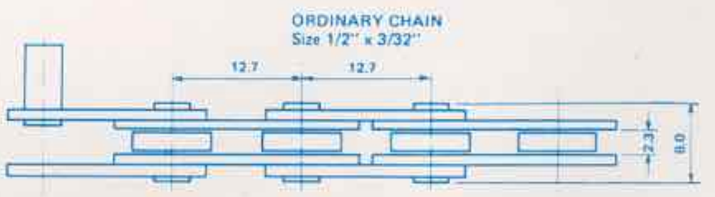


Ultra-6 Chain

As illustrated below, the Ultra-6 Chain is 1 mm smaller in outer width than the ordinary chain, but the same as the latter in inner width. Therefore, the chain size of the Ultra-6 (1/2" x 3/32"), is the same as the size of the ordinary chain and the Ultra-6 Chain can be used with any ordinary-type 5-speed or 6-speed freewheel.

However you are requested to avoid using the ordinary-type chain together with the Ultra-6 Freewheel because the ordinary chain pins might touch the sizes of the sprocket-teeth causing skipping.





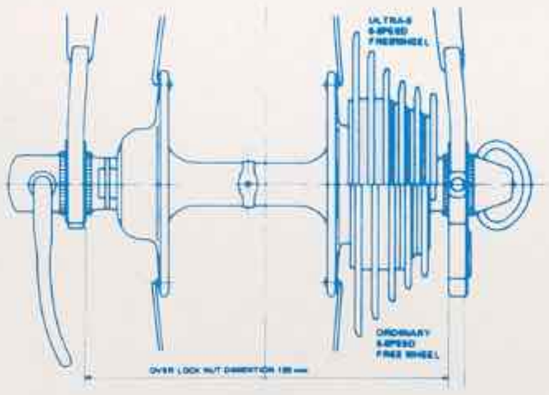
ULTRA-6 FREEWHEELS AND ULTRA-6 CHAIN

SUNTOUR's Innovate Research and Development Department has designed an epock-making Multiple Freewheels and Chain. To satisfy the needs of all cyclists, both 5-speed and 6-speed are available, with a complete selection of sprocket sizes.

The usual 6-speed hub has a lock nut-to-locknut dimension of 126 mm, which is 6 mm greater than the 5-speed hub. This greater distance causes extra tension to the spokes, especialy an the freewheel size of the hub.

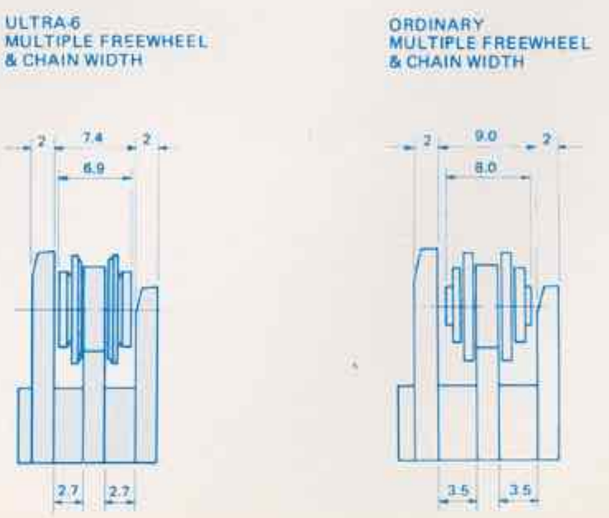
Between top gear and the low gear is almost the same when comparing the SUNTOUR New Ultra-6, 6-speed freewheel to a 5-speed normal freewheel, therefore, the 6-speed Ultra-6 can be fitted to a normal 5-speed hub, which has the usual demention of 120 mm.

The distance between the sprockets is narrower when comparing the Ultra-6 to an ordinary 6-speed freewheel. Therefore SUNTOUR has developed the New Ultra-6 Chain which is required by the freewheels narrower distance.



TWO TYPES OF ULTRA-6 FREEWHEELS

We offer two types of Ultra-6 Freewheels, to fit the needs budget of most cyclists. With the Exceptions of some sprockets and spacers, the sprockets of the Ultra-6 Freewheels are inter-changeable with the sprockets of Winner-steel, Perfect or Pro-compe types.



3-SPEED HUB

SUN TOUR **3-SPEED HUB**
Model: TH-1000
Specification
Teeth: 14, 15, 16, 18, 19, 20T
Over Lock Nut Dimension: 4.37" (110.9 mm)
Sprocket: 1/2" x 1/8" Chain
Spoke Holes: 28H, 36H
Weight: 40-1/2 ozs. (1150 gms.)



SUN TOUR **TRIGGER LEVER**
Model: TL-1000
Specification
Use: 3-speed Hub Only
Attachment Position: Handle Bar
Weight: 2-3/8 ozs. (66 gms.)



OUTER CASING HOLDER
Model: TH-100
Clamp Diameter: 1", 1-1/8"



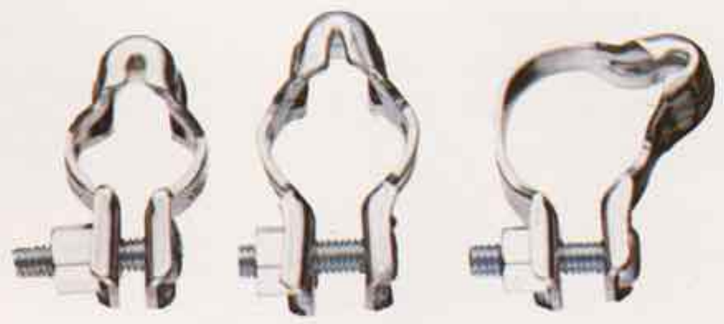
INNER CABLE GUIDE ROLLER
Model: TH-200
Clamp Diameter: 1", 1-1/8"



BRACKET
Model: TH-400



OUTER CASING CLIPS
Model: TH-300
Clamp Diameter: 9/16", 1/2", 11/16"



SunTour GENUINE PARTS

FORK ENDS

SUN TOUR **SUPERBE**
Model: EF-150
Specification
Type: Road Type
Material: Steel/Forged
Thickness: Front 1/4" (6 mm)
Rear 9/32" (7 mm)
Groove: Front 11/32" (9 mm)
Rear 13/32" (10 mm)



SUN TOUR **SUPERBE**
Model: EP-130
Specification
Type: Track Type
Material: Steel/Fine Blanking/Pressed
Thickness: Front 1/4" (6 mm)
Rear 3/16" (5 mm)
Groove: Front 5/16" (8 mm)
Rear 5/16" (8 mm)

SUN TOUR **SUPERBE**
Model: EP-140
Specification
Type: Track Type
Material: Steel/Fine Blanking/Pressed
Thickness: Front 1/4" (6 mm)
Rear 3/16" (5 mm)
Groove: Front 11/32" (9 mm)
Rear 13/32" (10 mm)



SUN TOUR **GS**
Model: EF-100
Specification
Type: Road Type
Material: Steel/Forged
Thickness: Front 1/4" (6 mm)
Rear 9/32" (7 mm)
Groove: Front 11/32" (9 mm)
Rear 13/32" (10 mm)



SUN TOUR **GS-II**
Model: EF-110
Specification
Type: Road Type
Material: Steel/Forged
Thickness: Rear 9/32" (7 mm)
Groove: Rear 13/32" (10 mm)



SUN TOUR **GT**
Model: ED-100
Specification
Type: Road Type
Material: Steel/Pressed
Thickness: Front 1/4" (6 mm)
Rear 1/4" (6 mm)
Groove: Front 5/16" (8 mm)
Rear 13/32" (10 mm)
Option: Axle Stopper Set



SUN TOUR **GTW**
Model: EP-110
Specification
Type: Road Type
Material: Steel/Pressed
Thickness: Rear 1/4" (6 mm)
Groove: Rear 13/32" (10 mm)
Option: Axle Stopper Set



SUN TOUR **SD**
Model EP-120
Specification
Type: Straight Drop Out/Touring Type
Material: Steel/Pressed
Thickness: Front 1/4" (6 mm)
Rear 9/32" (7 mm)
Groove: Front 11/32" (9 mm)
Rear 13/32" (10 mm)



SUN TOUR **SDB**
Model: EF-120
Specification
Type: Straight Drop Out/Touring Type
Material: Steel/Forged
Thickness: Front 1/4" (6 mm)
Rear 9/32" (7 mm)
Groove: Front 11/32" (9 mm)
Rear 13/32" (10 mm)



SUN TOUR **SDC**
Model: EF-130
Specification
Type: Straight Drop Out/Touring Type
Material: Steel/Forged
Thickness: Front 1/4" (6 mm)
Rear 9/32" (7 mm)
Groove: Front 11/32" (9 mm)
Rear 13/32" (10 mm)



SUN TOUR **SDE**
Model: EF-140
Specification
Type: Straight Drop Out/Touring Type
Material: Steel/Forged
Thickness: Rear 9/32" (7 mm)
Groove: Rear 13/32" (10 mm)



Axle Stopper Set
Model: LA-100
Specification
Use: GT, GTW Rear ends



SunTour GENUINE PARTS

ACCESSORIES

SPOKE DISC
Model: SD-850
Specification
Diameter: 8-1/2" (216 mm)
Use Range: Low Sprocket 27T ~ 34T
Material: Steel or Light Alloy
Weight: Steel 6 ozs. (172 gms.)
Light Alloy 2-1/4 ozs. (63 gms.)



SPOKE DISC
Model: SD-750
Specification
Diameter: 7-1/2" (191 mm)
Use Range: Low Sprocket 27T ~ 34T
Material: Steel or Light Alloy
Weight: Steel 4-5/8 ozs. (132 gms.)
Light Alloy 1-3/4 ozs. (48 gms.)



SPOKE DISC
Model: SD-650
Specification
Diameter: 6-1/2"
Use Range: Maximum 27T
Material: Steel or Light Alloy
Weight: Steel 3-5/8 ozs. (103 gms.)
Light Alloy 1-1/4 ozs. (37 gms.)



SPOKE DISC
Model: SD-600
Specification
Diameter: 6" (152 mm)
Material: Steel
Weight: 2-3/8 ozs. (67 gms.)



SPOKE DISC
Model: SD-450
Specification
Diameter: 4-5/8" (219 mm)
Use: For 3-Speed Freewheel **Model: PT3000**
Material: Steel
Weight: 1-1/2 ozs. (44 gms.)

Model: SD-440
Specification
Diameter: 4-5/8" (219 mm)
Use: For 3-Speed Freewheel **Model: PT2000**
Material: Steel
Weight: 1-1/2 ozs. (45 gms.)



SUN TOUR **MULTI-STAND**
Model: MS-100
Specification
Use: Versatile, Easy to Attach and Detach, For derailleur Servicing, Bicycle display and for Consumer Use at Home.



FRAME FITTINGS

OUTER STOPPER
Model: OS-500
Material: Steel



CABLE GUIDE (Right)
Model: WL-500
Material: Steel



CABLE GUIDE (Left)
Model: WL-550
Material: Steel



LEVER BOSS
Model: LA-500
Material: Steel
Use For: Superbe, Vx, Cyclone, DLW.



HUB STEP NUT

Model: HN-100
Specification
Material: Light Alloy
Attachment Position: Rear Hub Spidle End.
Use: Rear Derailleur Guard.



SunTour GENUINE PARTS

OUTER BANDS

QUICK RELEASE

Model: QR-120

Specification

Attachment Position: Seat Pillar
Length: 2″ (50 mm), 2-3/8″ (60 mm)

Model: QR-100

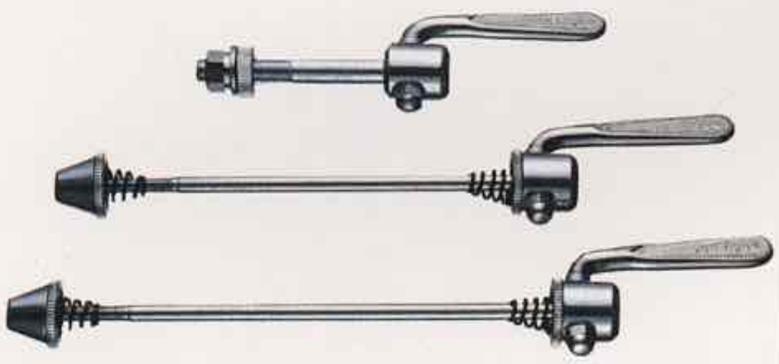
Specification

Attachment Position: Front Hub

Model: QR-110

Specification

Attachment Position: Rear Hub



QUICK BAND

Model: QP-100

Specification

Attachment Position: Seat Tube End

Seat Tube Diameter	Weight
1″ (25.4 mm)	4 ozs. (113 gms.)
1-1/8″ (28.6 mm)	4-3/8 ozs. (124 gms.)
1-1/4″ (31 mm)	4-1/2 ozs. (128 gms.)
1-1/4″ (32 mm)	4-1/2 ozs. (128 gms.)
1-5/16″(33 mm)	4-3/8 ozs. (125 gms.)



CABLE CAP

Model: IC-900

Specification

Use: Inner Cable End Protector
Material: Aluminum



No.	Model	Description	Size	Material
1	**OS-100**	Double Outer Holder	1-1/8″ (28.6)	Steel
2	**OS-110**	Single Outer Holder	1-1/8″ (28.6)	Steel
3	**OS-120**	Single Outer Holder (Chain Stay)	5/8″ (15.9)	Steel
4	**WL-100**	Double Guide Outer & Cable	1-1/8″ (28.6)	Steel
5	**WL-110**	Single Cable Guide	1-1/8″ (28.6)	Steel
6	**RC-101**	Single Outer Clip	1-1/8″ (28.6)	Plastic
	RC-102	Single Outer Clip	1″ (25.4)	Plastic
7	**RC-103**	Double Outer Clip	1-1/8″ (28.6)	Plastic
	RC-104	Double Outer Clip	1″ (25.4)	Plastic
8	**RC-105**	Double Outer Clip	1-1/8″ (28.6)	Plastic
	RC-106	Double Outer Clip	1″ (25.4)	Plastic
9	**RC-107**	Single Outer Clip	5/8″ (15.9)	Plastic
10	**RC-108**	Single Outer Clip	1/2″ (12.7)	Plastic
11	**SC-101**	Double Outer Clip	1-1/8″ (28.6)	Steel
	SC-102	Single Outer Clip	1-1/8″ (28.6)	Steel
12	**SC-103**	Double Outer Clip	1″ (25.4)	Steel
	SC-104	Single Outer Clip	1″ (25.4)	Steel
13	**SC-105**	Single Outer Clip	11/16″(17.5)	Steel
14	**SC-106**	Single Outer Clip	3/8″ (9.5)	Steel
15	**SC-107**	Single Outer Clip	1/2″ (12.7)	Steel
16	**WL-120**	Double Cable Guide	1-1/8″ (28.6)	Steel

Without Outer Bands For 3-Speed Hub

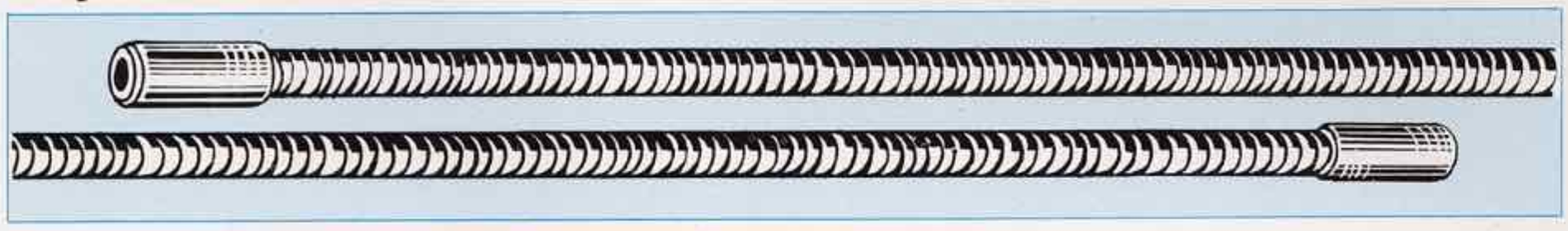


SunTour GENUINE PARTS

OUTER CASINGS AND INNER CABLES

STAINLESS OUTER CASING WITH BOTH CAPS

Length: 6-11/16" (170 mm), 11-1/4" (280 mm)



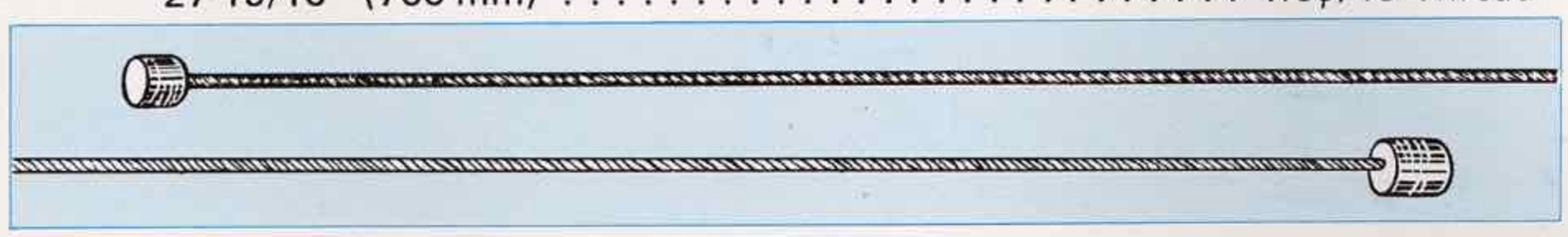
STAINLESS OUTER CASING WITH ONE CAP

Length: 6-11/16" (170 mm), 11-1/4" (280 mm), 26-3/4" (680 mm), 28-3/8" (720 mm)
29-1/8" (740 mm), 29-15/16" (760 mm)



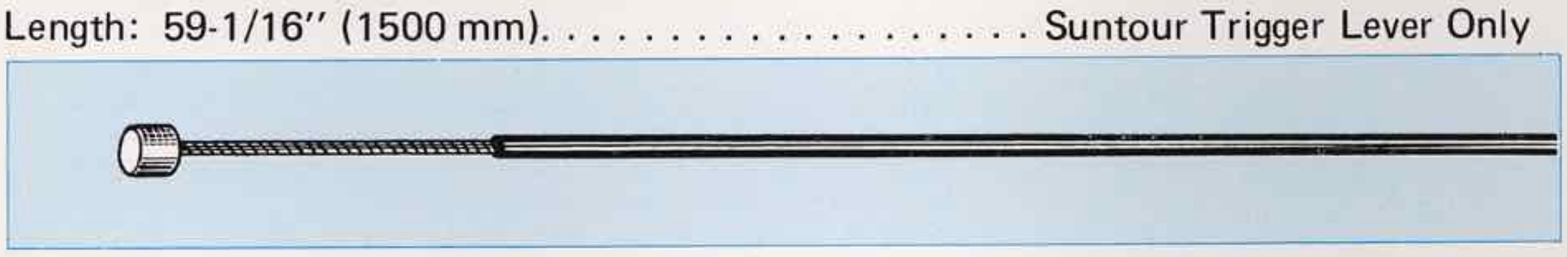
INNER CABLE (1.5 mmϕ)

Length: 47-1/4" (1200 mm), 61-3/8" (1560 mm), 41-3/4" (1060 mm),
27-19/16" (700 mm) . . . . . 1.5ϕ/19 Thread
78-3/4" (2000 mm), 59-1/16" (1500 mm), 47-1/4" (1200),
27-19/16" (700 mm) . . . . . 1.5ϕ/49 Thread



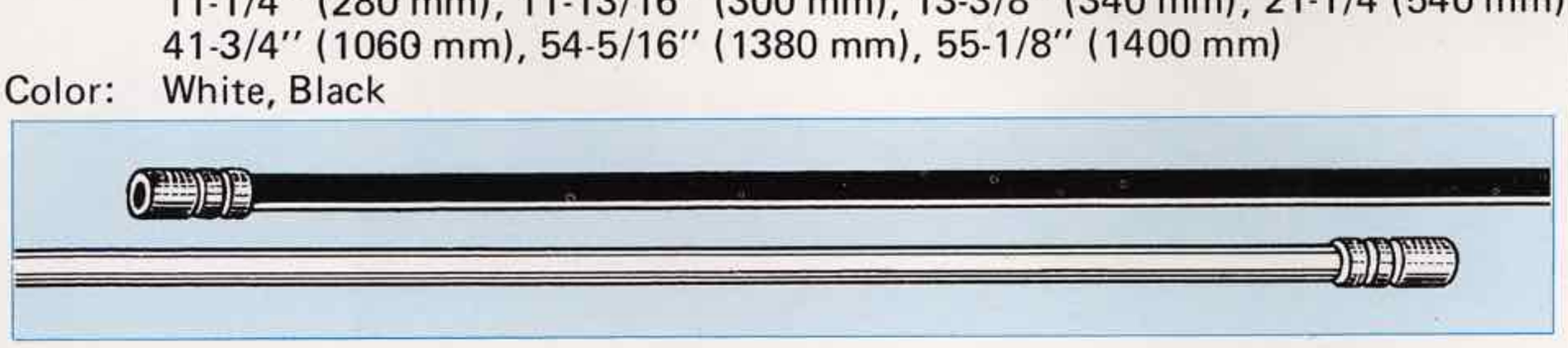
COATED INNER CABLE (1.2 mmϕ)

Length: 59-1/16" (1500 mm). . . . . Suntour Trigger Lever Only



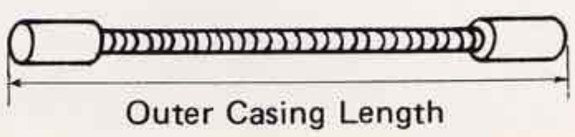
OUTER CASING WITH BOTH CAPS

Length: :6-11/16" (170 mm), 7-1/8" (180 mm), 9-7/16" (240 mm), 10-1/4" (260 mm)
11-1/4" (280 mm), 11-13/16" (300 mm), 13-3/8" (340 mm), 21-1/4 (540 mm)
41-3/4" (1060 mm), 54-5/16" (1380 mm), 55-1/8" (1400 mm)
Color: White, Black

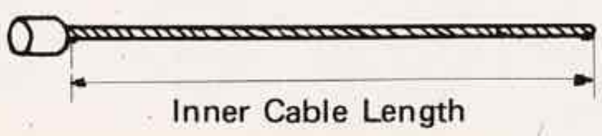


INNER CABLE (1.2 mmϕ)

Length: 59-1/16" (1500 mm)
Length: By Ordered We Have 20 mm Pitch Length (Indicate Length are Populer Sizes Except Maker Size.)
5-1/2" (140 mm) ~ 77" (1980 mm) / Outer Casing
22-7/8" (580 mm) ~ 77" (1980 mm) / Inner Cable



Outer Casing Length



Inner Cable Length

SPECIAL TOOLS, SMALL PARTS

HEXAGON WRENCH KEY (6mm)

Model: TA-150 (6 mm)
TA-140 (4 mm)



FREEWHEEL & HUB VICE

Model: TA-120



WIRE CUTTER

Model: TA-110



SPROCKET REMOVER (Chain Type)

Model: TA-130



Model: TA-100
Use: Boss Type Multiple Freewheel Removal Tool
Weight: 1-3/8 ozs. (40 gms.)



Model: TA-101
Use: Boss Type Multiple Freewheels and Single Freewheels Removal Tool

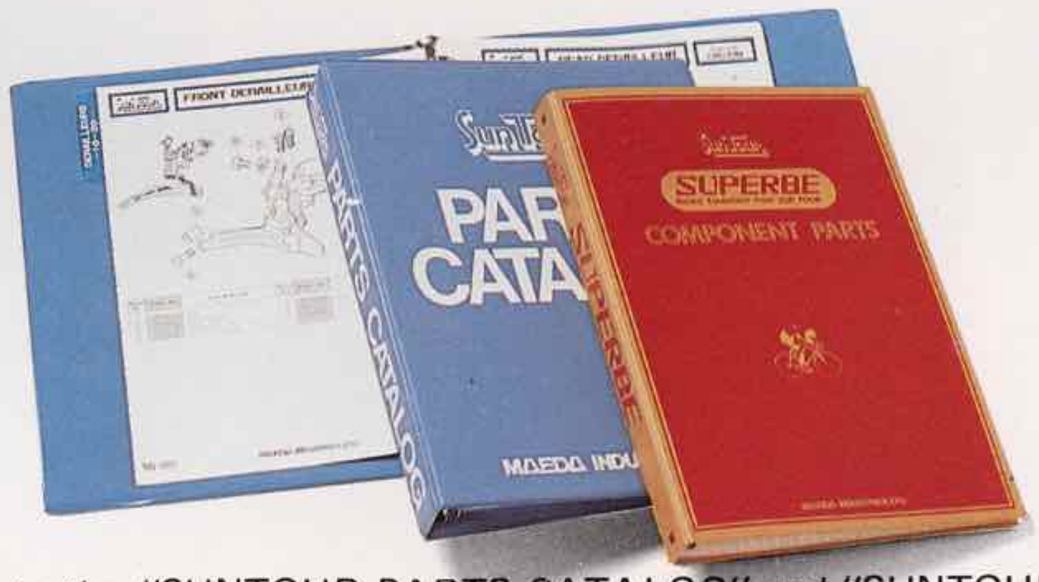


Model: TA-102
Use: Single Freewheels Removal Tool





- We have a complate line of small parts for SUPERBE, Cyclone Family, Road Vx Series and all other Suntour products.

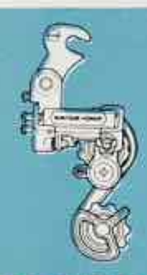
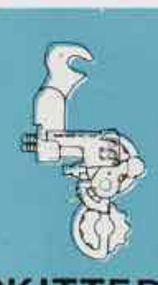


- Please refer to the "SUNTOUR PARTS CATALOG" and "SUNTOUR SUPERBE" catalog which contains the complete line of SUNTOUR SUPERBE PARTS and other SUNTOUR PARTS.
- Please be sure to SPECIFY ASSY. NO., CODE NO., & DESCRIPTION when ordering. For further information, please write to:
MAEDA INDUSTRIES, LTD.
No. 1-16, 2-cho, Minamikoyocho, Sakai, Osaka, JAPAN
MAEDA INDUSTRIES OF USA, INC.
60 Chapin Road, Pine Brook, N.J. 07058, U.S.A.

COMPARISON TABLES

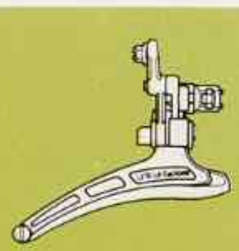
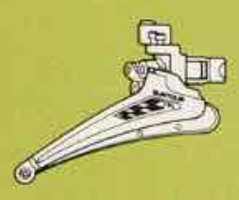
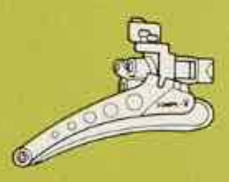
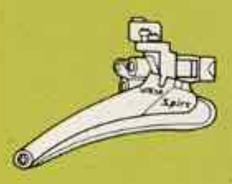
SUN TOUR REAR DERAILLEURS

MODEL	MATERIAL	MECHANISM	GEAR CAPACITY	SHIFTER STROKE	WEIGHT	RECOM-MENDED USE	QUICK CAGE
 **SUPERBE**	Forged Light Alloy (Body) Light Alloy (Guard)	Top Normal Slant Parallelogram	27T (Total Difference) Front 54T – 42T = 12T Rear 13T – 28T = 15T	1-1/4" (31 mm) 39-10	7 ozs. (198 gms.)	Racing	–
 **CYCLONE**	Forged Light Alloy (Body) Light Alloy (Guard)	Top Normal Slant Parallelogram	24T (Total Difference) Front 53T – 40T = 13T Rear 13T – 24T = 11T	1-1/4" (31 mm) 39-10	6-1/8 ozs. (175 gms.) (Without Bracket)	Racing	–
 **CYCLONE GT**	Forged Light Alloy (Body) Light Alloy (Guard)	Top Normal Slant Parallelogram	34T (Total Difference) Front 52T – 36T = 16T Rear 14T – 32T = 18T	1-1/4" (31 mm) 39-10	6-5/8 ozs. (188 gms.) (Without Bracket)	Touring	○
 **Vx**	Light Alloy (Body) Light Alloy (Guard)	Top Normal Slant Parallelogram	24T (Total Difference) Front 52T – 40T = 12T Rear 26T – 14T = 12T	1-1/4" (31 mm) 39-10	7-1/2 ozs. (200 gms.) (Without Bracket)	Racing	–
 **VxT**	Light Alloy (Body) Light Alloy (Guard)	Top Normal Slant Parallelogram	28T (Total Difference) Front 52T – 40T = 12T Rear 30T – 14T = 16T	1-1/4" (31 mm) 39-10	7-3/8 ozs. (210 gms.) (Without Bracket)	Ordinary	–
 **Vx GT**	Light Alloy (Body) Light Alloy (Guard)	Top Normal Slant Parallelogram	36T (Total Difference) Front 52T – 36T = 16T Rear 34T – 14T = 20T	1-1/4" (31 mm) 39-10	7-3/8 ozs. (210 gms.) (Without Bracket)	Touring	○
 **VxS**	Light Alloy (Body) Light Alloy (Guard)	Top Normal Slant Parallelogram	28T (Total Difference) Front 52T – 40T = 12T Rear 14T – 30T = 16T	1-1/4" (31 mm) 39-10	7-3/8 ozs. (210 gms. (Without Bracket)	Touring	○

MODEL	MATERIAL	MECHANISM	GEAR CAPACITY	SHIFTER STROKE	WEIGHT	RECOMMENDED USE	QUICK CAGE
 SEVEN	Light Alloy & Steel (Body) Steel: Chromium Finish (Guard)	Top Normal Slant Parallelogram	28T (Total Difference) Front 48T – 36T = 12T Rear 14T – 30T = 16T	1-1/4" (31 mm) 39-10	12-7/8 ozs. (364 gms.)	Ordinary	○
 SEVEN GT	Light Alloy & Steel (Body) Steel: Chromium Finish (Guard)	Top Normal Slant Parallelogram	36T (Total Difference) Front 52T – 36T = 16T Rear 14T – 34T = 20T	1-1/4" (31 mm) 39-10	13-5/8 ozs. (385 gms.)	Touring	○
 HONER	Steel: Chromium Finish (Body, Guard)	Top Normal Slant Parallelogram	28T (Total Difference) Front 48T – 36T = 12T Rear 14T – 30T = 16T	1-1/4" (31 mm) 39-10	14-1/8 ozs. (400 gms.)	Ordinary	○
 GT	Steel: Chromium Finish (Body, Guard)	Top Normal Slant Parallelogram	36T (Total Difference) Front 52T – 36T = 16T Rear 14T – 34T = 20T	1-1/4" (31 mm) 39-10	15-1/2 ozs. (440 gms.)	Touring	○
 SKITTER	Steel: Chromium Finish (Body, Guard)	Low Normal Slant Parallelogram	28T (Total Difference) Front 48T – 36T = 12T Rear 14T – 30T = 16T	1-1/4" (32 mm)	11-1/8 ozs. (315 gms.)	Ordinary	–
 LOVE	Steel: Chromium Finish (Body, Guard)	Top Normal Slant Parallelogram	28T 3 ~ 5 Speed	1-1/4" (31 mm) 39-10	8-1/8 ozs. (232 gms.)	Ordinary	–

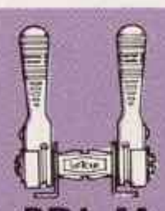
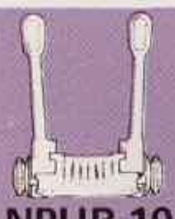
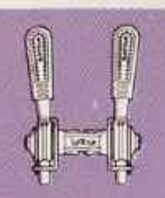
COMPARISON TABLES

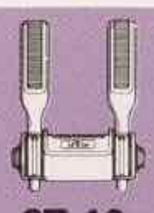
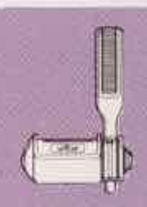
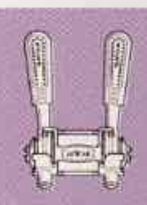
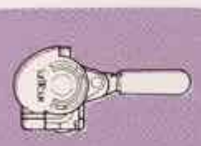
SUN TOUR FRONT DERAILLEURS

MODEL	MATERIAL	MECHANISM	SHIFT WIDTH& (CHAIN LINE) GEAR CAPACITY	CLAMP DIAMETER AND ATTACHMENT POSITION	WEIGHT
 SUPERBE	Forged Light Alloy (Body) Steel: Chromium Finish (Chain Guide)	Low Normal Parallelogram	2-1/8" ~ 1-3/8" (53 ~ 35 mm) 18T or Less	1-1/8" (28.6 mm) Seat Tube	3-1/2 ozs. (100 gms.)
 CYCLONE	Forged Light Alloy (Body) Steel: Chromium Finish (Chain Guide)	Low Normal Parallelogram	2-1/8" ~ 1-3/8" (53 ~ 35 mm) 18T or Less	1-1/8" (28.6 mm) Seat Tube	3-1/2 ozs. (98 gms.)
 Vx	Light Alloy (Body) Steel: Chromium Finish (Chain Guide)	Low Normal Parallelogram	2-1/8" ~ 1-1/8" (54 ~ 32 mm) 15T or Less	1-1/8" (28.6 mm) Seat Tube	3-3/4 ozs. (105 gms.)
 SL	Light Alloy (Body & Chain Guide)	Top Normal Slant Parallelogram	2-3/8" ~ 1-3/8" (61 ~ 36 mm) 15T or Less	1-1/8" (28.6 mm) 28ϕ Seat Tube	3-7/8 ozs. (110 gms.)
 SEVEN	Light Alloy (Body) Steel: Chromium Finish (Chain Guide)	Low Normal Parallerogram	2-1/8" ~ 1-1/8" (54 ~ 32 mm) 18T or Less	1-1/8" (28.6 mm) 1" (25.4 mm) Seat Tube	4-5/8 ozs. (115 gms.)
 COMPE-V	Light Alloy (Body) Steel: Chromium Finish (Chain Guide)	Top Normal Slant Parallelogran	2-3/8" ~ 1-3/8" (61 ~ 36 mm) 18T or Less	1-1/8" (28.6 mm) 28ϕ Seat Tube	5-1/8 ozs. (145 gms.)
 SPIRT	Steel: Chromium Finish (Body & Chain Guide)	Top Normal Slant Parallelogram	2-3/8" ~ 1-3/8" (61 ~ 36 mm) 18T or Less	1-1/8" (28.6 mm) 28ϕ 1" (25.4 mm) Seat Tube	5-5/8 ozs. (160 gms.)

COMPARISON TABLES

SUN TOUR CONTROL LEVERS

MODEL	MATERIAL MECHANISM	CLAMP DIAMETER AND ATTACHMENT POSITION	LEVER	WEIGHT
 CYCLONE	Forged Light Alloy (Lever Handle & Body) Stainless Steel (Lever Clamp)	Universal Type	1-1/8" (28.6 mm) Down Tube	Double	2-1/4 ozs. (65 gms.)
 CYCLONE	Forged Light Alloy (Lever Handle & Body) Stainless Steel Endless Type (Lever Clamp)	Universal Type	1-1/8" (28.6 mm) Down Tube	Double	2-1/8 ozs. (60 gms.)
 Vx	Light Alloy (Lever Handle) Stainless Steel (Lever Clamp)	Universal Type	1-1/8" (28.6 mm) Down Tube	Double	2-7/8 ozs. (80 gms.)
 PDL-M	Light Alloy (Lever Handle) Steel (Lever Clamp)	Power Shift	1-1/8" (28.6 mm) Down Tube	Double	4-3/8 ozs. (25 gms.)
 PSL-M	Light Alloy (Lever Handle) Steel (Lever Clamp)	Power Shift	1-1/8" (28.6 mm) Down Tube	Single	2-1/2 ozs. (72 gms.)
 NPUB-10	Light Alloy (Lever Handle) Steel (Lever Clamp)	Power Shift	7/8" (21.2φ mm) Handle Stem	Double	5-5/8 ozs. (160 gms.)
 DLW	Light Alloy (Lever Handle) Steel (Lever Clamp)	Universal Type	1-1/8" (28.6 mm) Down Tube	Double	3-3/4 ozs. (106 gms.)
 SLW	Light Alloy (Lever Handle) Steel (Lever Clamp)	Universal Type	1-1/8" (28.6 mm) Down Tube	Single	2-1/4 ozs. (65 gms)

MODEL	MATERIAL MECHANISM	CLAMP DIAMETER AND ATTACHMENT POSITION	LEVER	WEIGHT
 PUB-10	Light Alloy (Lever Handle) Steel (Body, Clamp)	Power Shift	7/8" (21.2φ mm) Handle Stem	Double	8 ozs. (227 gms.)
 PUB-5	Light Alloy (Lever Handle) Steel (Body, Clamp)	Power Shift	7/8" (21.2φ mm) Handle Stem	Single	5-1/2 ozs. (156 gms.)
 ST-10	Light Alloy (Lever Handle) Plastic (Body Cover) Steel (Body, Clamp)	Universal Type	7/8" (21.2φ mm) Handle Stem	Double	5-1/2 ozs. (157 gms.)
 ST-5	Light Alloy (Lever Handle) Plastic (Body Cover) Steel (Body, Clamp)	Universal Type	7/8" (21.2φ mm) Handle Stem	Single	4-1/4 ozs. (120 gms.)
 UB-10	Light Alloy (Lever Handle) Steel (Body, Clamp)	Universal Type	7/8" (21.2φ mm) Handle Stem	Double	5 ozs. (143 gms.)
 UB-5	Light Alloy (Lever Handle) Steel (Body, Clamp)	Universal Type	7/8" (21.2φ mm) Handle Stem	Single	3-7/8 ozs. (110 gms.)
 BAR-CON	Light Alloy (Lever Handle & Body)	Power Shift	Handle Bar Ends	—	6-1/4 ozs. (176 gms.) Pair
 MIGHTY SHIFTER II	Light Alloy (Lever Handle) Steel (Body)	Power Shift	7/8" (22.2φ mm) 15/16" (23.8φ mm) Handle Bar, Stem	Single	3-1/2 ozs. (98 gms.)

COMPARISON TABLES

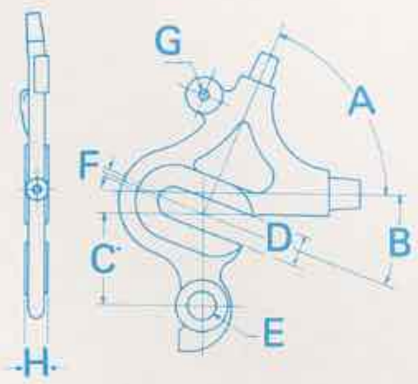
FORK ENDS

REAR ENDS

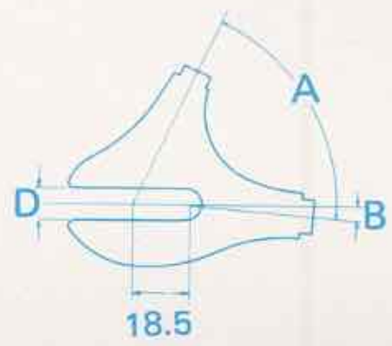
MODEL	TYPE	A	B	C	D	E	F	G	H	FORGED OR PRESSED
SUPERBE	ROAD	70°	15°	27.5	10	M10 P1	M3 P0.5	–	7	FORGED
SUPERBE	TRACK	69°30′	5°	–	10	–	–	–	5	Fine Blanking PRESSED
	TRACK	69°30′	5°	–	8	–	–	–	5	"
GS	ROAD	67°30′	20°	29	10	M10 P1	M3 P0.5	M5 P0.8	7	FORGED
GS II	ROAD	67°30′	20°	29	10	M10 P1	M3 P0.5	M5 P0.8	7	"
GT	"	67°30′	20°	29	10	M10 P1	–	M5 P0.8	6	PRESSED
GTW	"	67°30′	20°	33	10	M10 P1	–	M5 P0.8	6	"
SD	TOURING (Straight Drop Out)	65°	63°	32	10	M10 P1	–	M5 P0.8 x 2	7	"
SDB	"	67°	63°	32	10	M10 P1	–	–	7	FORGED
SDC	"	67°	63°	32	10	M10 P1	–	M5 P0.8 x 2	7	"
SDE	"	67°	63°	32	10	M10 P1	–	M5 P0.8	7	"

GT, GTW, Available Axle Stopper Set.

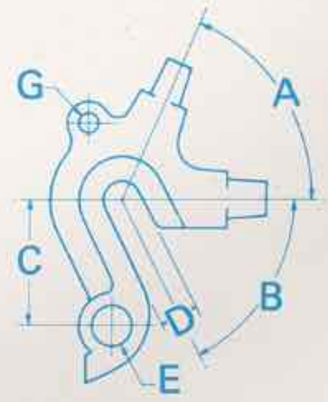
ROAD TYPE



TRACK TYPE



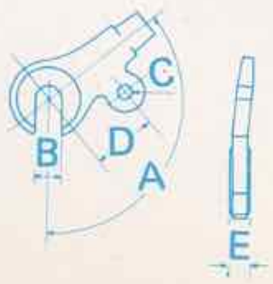
TOURING TYPE



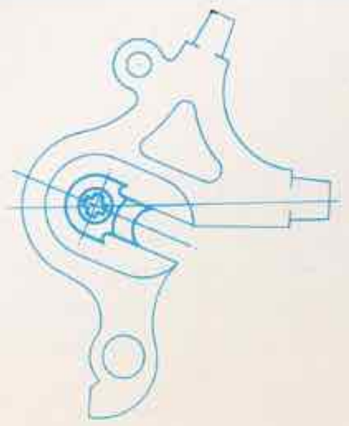
FRONT ENDS

MODEL	TYPE	A	B	C	D	E	FORGED OR PRESSED
SUPERBE	ROAD	130°	9	–	–	6	FORGED
SUPERBE	TRACK	130°	8	–	–	6	"
	TRACK	130°	9	–	–	6	"
GS, GS II	ROAD	130°	9	M5 P0.8	20	6	"
GT, GTW	ROAD	130°	8	M5 P0.8	20	6	PRESSED
SDB, SDE	TOURING	130°	9	–	–	6	FORGED
SDC	TOURING	130°	9	M5 P0,8 x 2	20	6	"
SD	TOURING	130°	9	M5 P0.8 x 2	20	6	PRESSED

FONT END

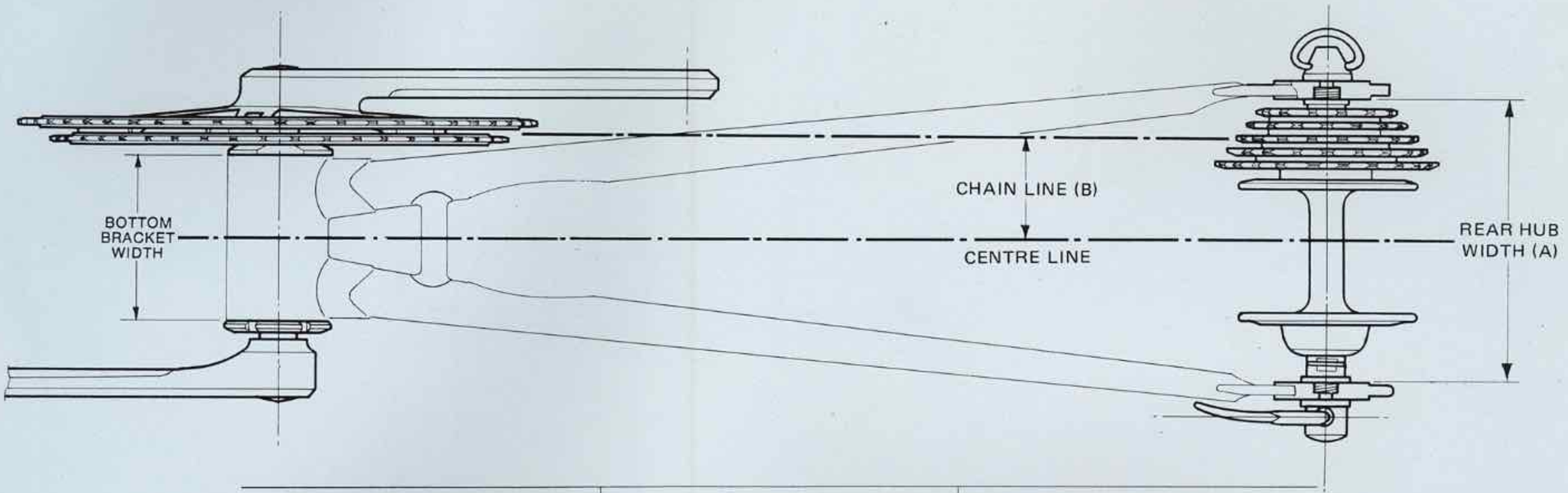


AXLE STOPPER SET



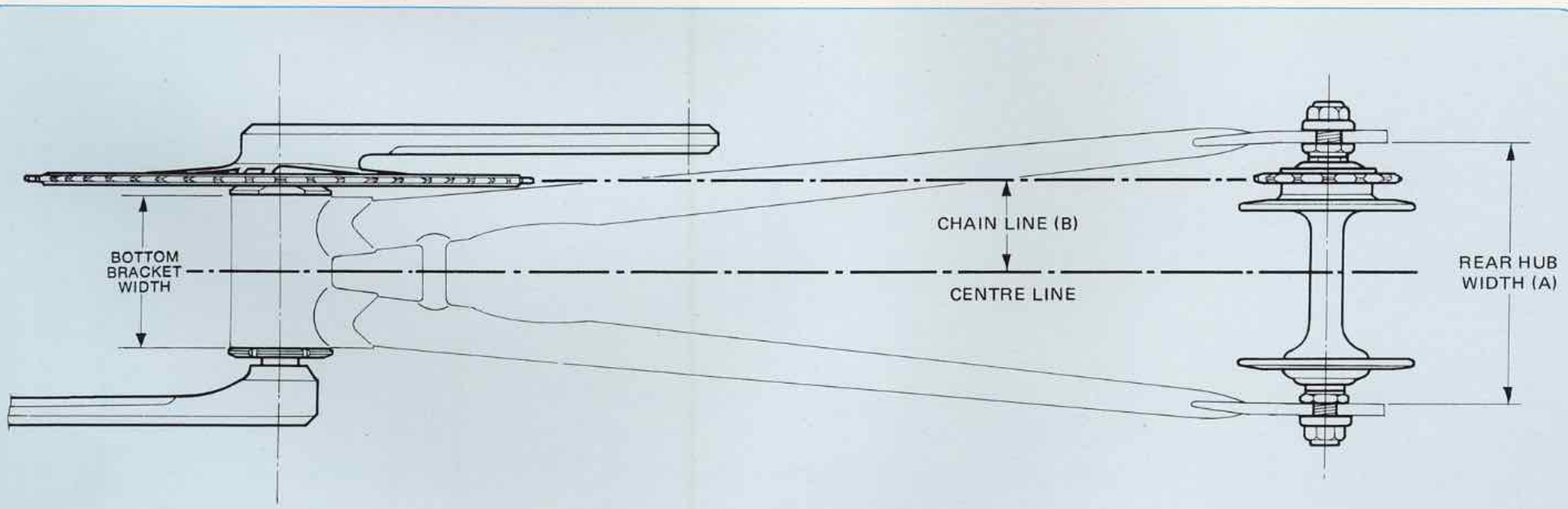
CHAIN LINES

ROAD CHAIN LINE



BOTTOM BRACKET WIDTH	REAR HUB WIDTH (A)	CHAIN LINE (B)
68	120	42
70	120	42
68	126	43.5
70	126	43.5

TRACK CHAIN LINE



BOTTOM BRACKET WIDTH	REAR HUB WIDTH (A)	CHAIN LINE (B)
68	120	42

GEAR TABLES

$$\text{GEAR TABLE} = \frac{\text{Number of Teeth on Chaining}}{\text{Number of Teeth on Sprocket}} \times \text{Diameter of Rear Wheel in Inches}$$

For Smooth Pavement . . .80 ~ 100
For Flat Road . . . . . .75 ~ 85
For Touring Road . . . . . .60 ~ 80
For Rough Road . . . . . .55 ~ 70
For Gentle Slope . . . . . .40 ~ 60
For Steep Ascent . . . . . .30 ~ 50

FOR 27" WHEELS

Number of teeth on sprocket	Number of teeth on chainring																											
	28T	32T	33T	34T	36T	38T	39T	40T	42T	43T	44T	45T	46T	47T	48T	49T	50T	51T	52T	53T	54T	55T	56T	57T	58T	59T	60T	61T	62T
12	63	72	74.3	76.5	81	85.5	87.8	90	94.5	96.8	99	101.3	103.5	103.8	108	110.3	112.5	114.8	117	119.3	121.5	123.8	126	128.3	130.5	132.8	135	137.3	139.5
13	58.1	66.4	68.5	70.6	74.7	78.9	81.0	83.0	87.2	89.3	91.3	93.4	95.5	97.6	99.6	101.7	103.8	105.9	108.0	110.0	112.1	114.2	116.3	118.3	120.4	122.5	124.6	126.6	128.7
14	54.0	61.7	63.6	65.5	69.4	73.2	75.2	77.1	81.0	82.9	84.8	86.7	88.7	90.6	92.5	94.5	96.4	98.3	100.2	102.2	104.1	106.0	108.0	109.9	111.8	113.7	115.7	117.6	119.5
15	50.4	57.6	59.4	61.2	64.8	68.4	70.2	72.0	75.6	77.4	79.2	81.0	82.8	84.6	86.4	88.2	90.0	91.8	93.6	95.4	97.2	99.0	100.8	102.6	104.4	106.2	108.0	109.8	111.6
16	47.2	54.0	55.6	57.3	60.7	64.1	65.8	67.5	70.8	72.5	74.2	75.9	77.6	79.3	81.0	82.6	84.3	86.0	87.7	89.4	91.1	92.8	94.5	96.1	97.8	99.5	101.2	102.9	104.6
17	44.4	50.8	52.4	54.0	57.1	60.3	61.9	63.5	66.7	68.2	69.8	71.4	73.0	74.6	76.2	77.8	79.4	81.0	82.5	84.1	85.7	87.3	88.9	90.5	92.1	93.7	95.2	96.8	98.4
18	42.0	48.0	49.5	51.0	54.0	57.0	58.5	60.0	63.0	64.5	66.0	67.5	69.0	70.5	72.0	73.5	75.0	76.5	78.0	79.5	81.0	82.5	84.0	85.5	87.0	88.5	90.0	91.5	93.0
19	39.7	45.4	46.8	48.3	51.1	54.0	55.4	56.8	59.6	61.1	62.5	63.9	65.3	66.7	68.2	69.6	71.0	72.4	73.8	75.3	76.7	78.1	79.5	81.0	82.4	83.8	85.2	86.6	88.1
20	37.8	43.2	44.5	45.9	48.6	51.3	52.6	54.0	56.7	58.0	59.4	60.7	62.1	63.4	64.8	66.1	67.5	68.8	70.2	71.5	72.9	74.2	75.6	76.9	78.3	79.6	81.0	82.3	83.7
21	36.0	41.1	42.4	43.7	46.2	48.8	50.1	51.4	54.0	55.2	56.5	57.8	59.1	60.4	61.7	63.0	64.2	65.5	66.8	68.1	69.4	70.7	72.0	73.2	74.5	75.8	77.1	78.4	79.7
22	34.3	39.2	40.5	41.7	44.1	46.6	47.8	49.0	51.5	52.7	54.0	55.2	56.4	57.6	58.9	60.1	61.3	62.5	63.8	65.0	66.2	67.5	68.7	69.9	71.1	72.4	73.6	74.8	76.0
23	32.8	37.5	38.7	39.9	42.2	44.6	45.7	46.9	49.3	50.4	51.6	52.8	54.0	55.1	56.3	57.5	58.6	59.8	61.0	62.2	63.3	64.5	65.7	66.9	68.0	69.2	70.4	71.6	72.7
24	31.5	36.0	37.1	38.2	40.5	42.7	43.8	45.0	47.2	48.3	49.5	50.6	51.7	52.8	54.0	55.1	56.2	57.3	58.5	59.6	60.7	61.8	63.0	64.1	65.2	66.3	67.5	68.6	69.7
25	30.2	34.5	35.6	36.7	38.8	41.0	42.1	43.2	45.3	46.4	47.5	48.6	49.6	50.7	51.8	52.9	54.0	55.0	56.1	57.2	58.3	59.4	60.4	61.5	62.6	63.7	64.8	65.8	66.9
26	29.0	33.2	34.2	35.3	37.3	39.4	40.5	41.5	43.6	44.6	45.6	46.7	47.7	48.8	49.8	50.8	51.9	52.9	54.0	55.0	56.0	57.1	58.1	59.1	60.2	61.2	62.3	63.3	64.3
28	27.0	30.8	31.8	32.7	34.7	36.6	37.6	38.5	40.5	41.4	42.4	43.3	44.3	45.3	46.2	47.2	48.2	49.1	50.1	51.1	52.0	53.0	54.0	54.9	55.9	56.8	57.8	58.8	59.7
34	22.2	25.4	26.2	27.0	28.5	30.1	30.9	31.7	33.3	34.1	34.9	35.7	36.5	37.3	38.1	38.9	39.7	40.5	41.2	42.0	42.8	43.6	44.4	45.2	46.0	46.8	47.6	48.4	49.2

FOR 26" WHEELS

Number of teeth on sprocket	Number of teeth on chainring																											
	28T	32T	33T	34T	36T	38T	39T	40T	42T	43T	44T	45T	46T	47T	48T	49T	50T	51T	52T	53T	54T	55T	56T	57T	58T	59T	60T	61T	62T
12	60.7	69.3	71.5	73.7	78	82.3	84.5	86.7	91	93.2	95.3	97.5	99.7	101.8	104	106.2	108.3	110.5	112.7	114.8	117	119.2	121.3	123.5	125.7	127.8	130	132.2	134.3
13	56.0	64.0	66.0	68.0	72.0	76.0	78.0	80.0	84.0	86.0	88.0	90.0	92.0	94.0	96.0	98.0	100.0	102.0	104.0	106.0	108.0	110.0	112.0	114.0	116.0	118.0	120.0	122.0	124.0
14	52.0	59.4	61.2	63.1	66.8	70.5	72.4	74.2	78.0	79.8	81.7	83.5	85.4	87.2	89.1	91.0	92.8	94.7	96.5	98.4	100.2	102.1	104.0	105.8	107.7	109.5	111.4	113.2	115.1
15	48.5	55.4	57.2	58.9	62.4	65.8	67.6	69.3	72.8	74.5	76.2	78.0	79.7	81.4	83.2	84.9	86.6	88.4	90.1	91.8	93.6	95.3	97.0	98.8	100.5	102.2	104.0	105.7	107.4
16	45.5	52.0	53.6	55.2	58.5	61.7	63.3	65.0	68.2	69.8	71.5	73.1	74.7	76.3	78.0	79.6	81.2	82.8	84.5	86.1	87.6	89.3	91.0	92.6	94.2	95.8	97.5	99.1	100.7
17	42.8	48.9	50.4	52.0	55.0	58.1	59.6	61.1	64.3	65.7	67.2	68.8	70.3	71.8	73.4	74.9	76.4	78.0	79.5	81.0	82.5	84.1	85.6	87.1	88.7	90.2	91.7	93.2	94.8
18	40.4	46.2	47.6	49.1	52.0	54.8	56.3	57.7	60.6	62.1	63.5	65.0	66.4	67.8	69.3	70.7	72.2	73.6	75.1	76.5	78.0	79.4	80.0	82.3	83.7	85.2	86.6	88.1	89.5
19	38.3	43.7	45.1	46.5	49.2	52.0	53.3	54.7	57.4	58.8	60.2	61.5	62.9	64.3	65.6	67.0	68.4	69.7	71.1	72.5	73.8	75.2	76.6	78.0	79.3	80.7	82.1	83.4	84.8
20	36.4	41.6	42.9	44.2	46.8	49.4	50.7	52.0	54.6	55.9	57.2	58.5	59.8	61.1	62.4	63.7	65.0	66.3	67.6	68.9	70.2	71.5	72.8	74.1	75.4	76.7	78.0	79.3	80.6
21	35.1	39.6	40.8	42.1	44.6	47.0	48.2	49.5	52.0	53.2	54.4	55.7	56.9	58.1	59.4	60.6	61.9	63.1	64.3	65.6	66.8	68.0	69.3	70.5	71.8	73.0	74.2	75.5	76.7
22	33	37.8	39.0	40.1	42.5	44.9	46.0	47.2	49.6	50.8	52.0	53.1	54.3	55.5	56.7	57.9	59.0	60.2	61.4	62.6	63.8	65.0	66.1	67.3	68.5	69.7	70.9	72.0	73.2
23	31.6	36.1	37.3	38.4	40.7	42.9	44.0	45.2	47.4	48.6	49.7	50.8	52.0	53.1	54.2	55.3	56.5	67.5	58.7	59.9	61.0	62.1	63.3	64.5	65.5	66.6	67.8	68.9	70.0
24	30.3	34.6	35.7	36.8	39.0	41.1	42.2	43.3	45.5	46.5	47.6	48.7	49.8	50.9	52.0	53.0	54.1	55.2	56.3	57.4	58.5	59.5	60.6	61.7	62.8	63.9	65.0	66.0	67.1
25	29.1	33.2	34.3	35.3	37.4	39.5	40.5	41.6	43.6	44.7	45.7	46.8	47.8	48.8	49.9	50.9	52.0	53.0	54.0	55.1	56.1	57.2	58.2	59.3	60.3	61.3	62.4	63.4	64.4
26	28	32.0	33.0	34.0	36	38.0	39.0	40.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
28	26	29.7	30.6	31.5	33.4	35.2	36.2	37.1	39.0	39.9	40.9	41.8	42.7	43.6	44.5	45.5	46.4	47.3	48.2	49.2	50.1	51.0	52.0	52.9	53.8	54.7	55.7	56.6	57.5
34	21.4	24.5	25.2	26	27.5	29.1	29.8	30.6	32.1	32.9	33.6	34.4	35.2	35.9	36.7	37.5	38.2	39	39.8	40.5	41.3	42.1	42.8	43.6	44.4	45.1	45.9	46.6	47.4

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