

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.



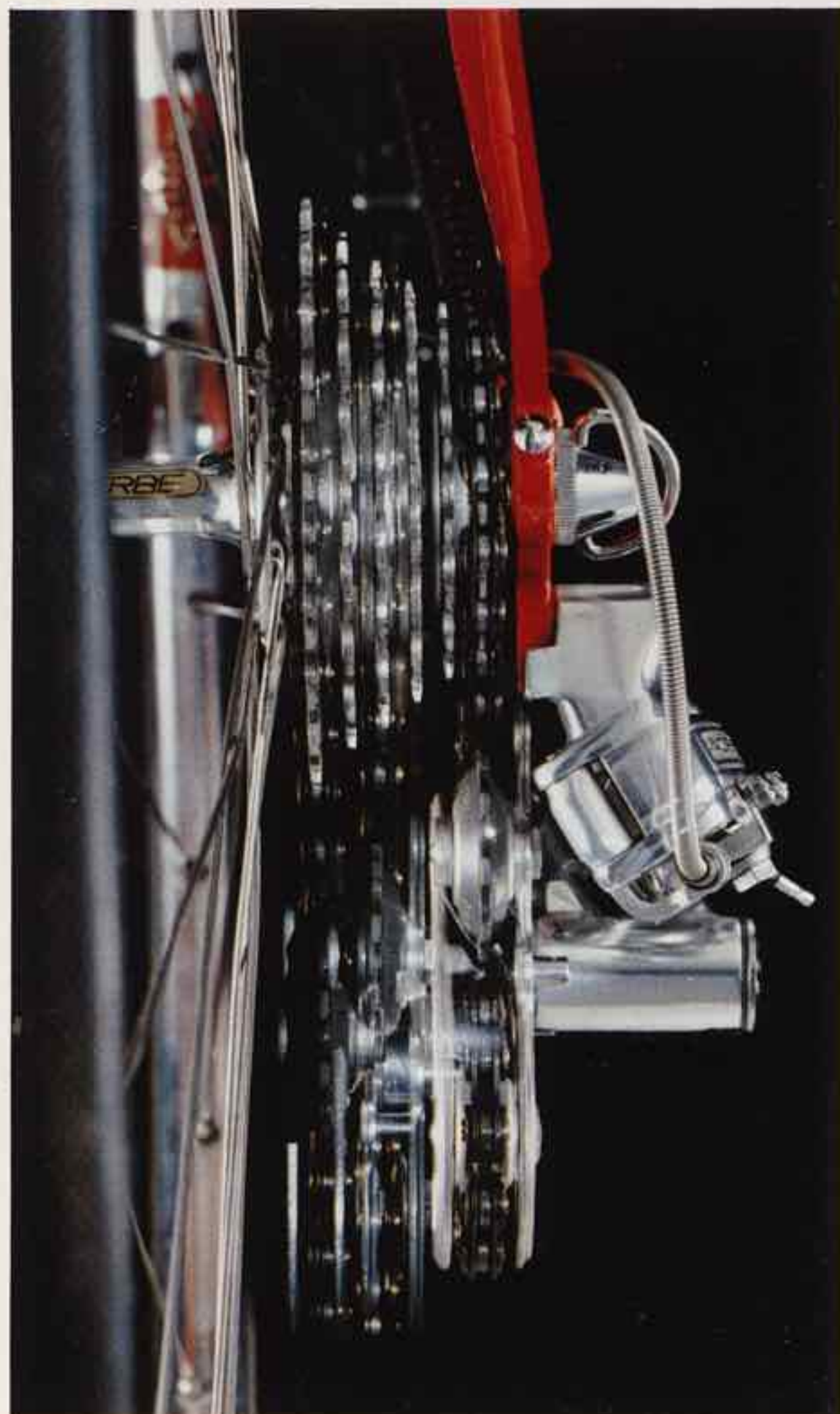
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SPECIAL FEATURES

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 epoch-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.



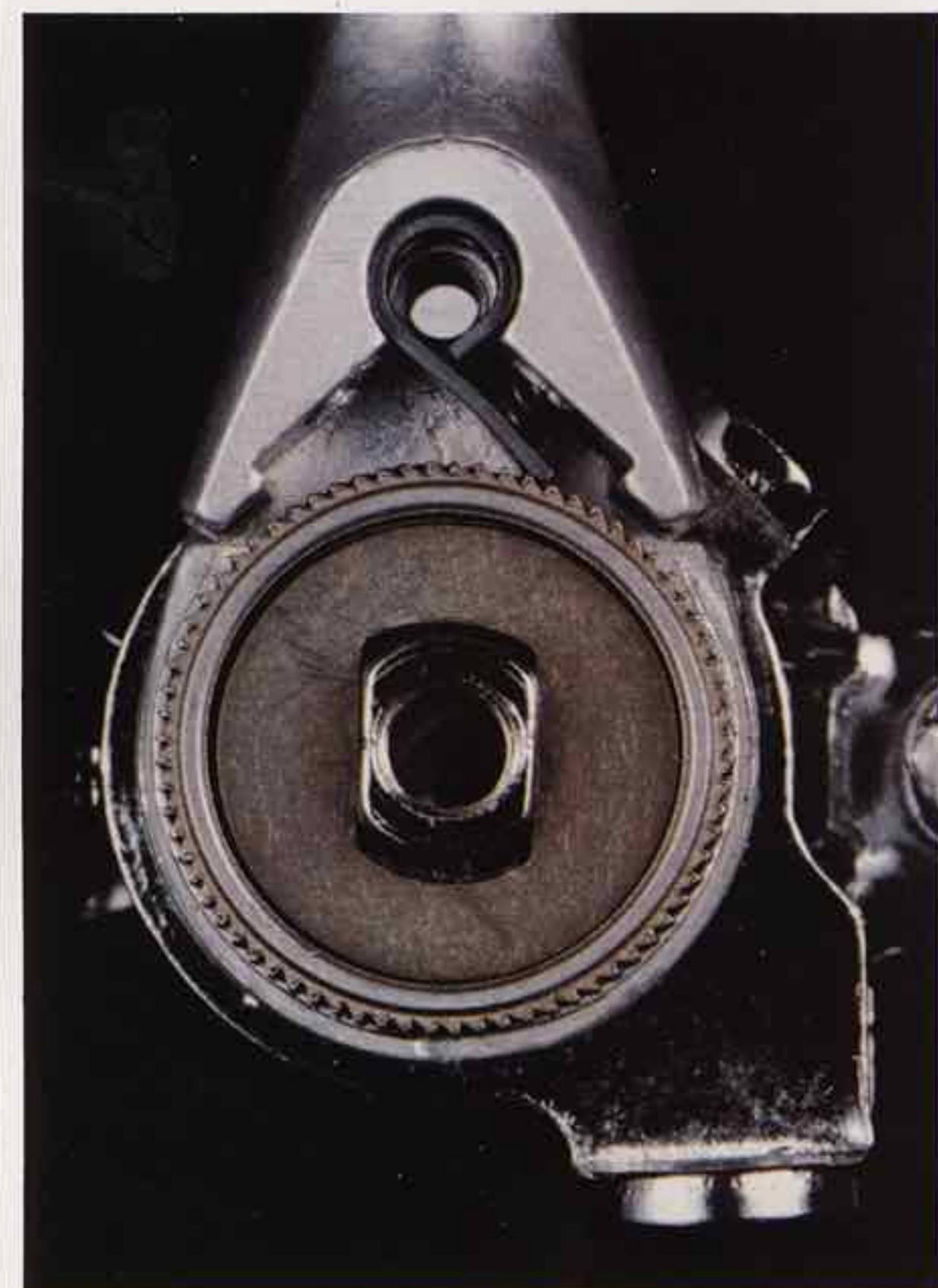
THE FEATURE OF SUN TOUR POWER SHIFTER UNIQUE PRECISION MADE WITH NO FRICTIONAL RESISTANCE

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 notches are adopted into this POWER SHIFT.

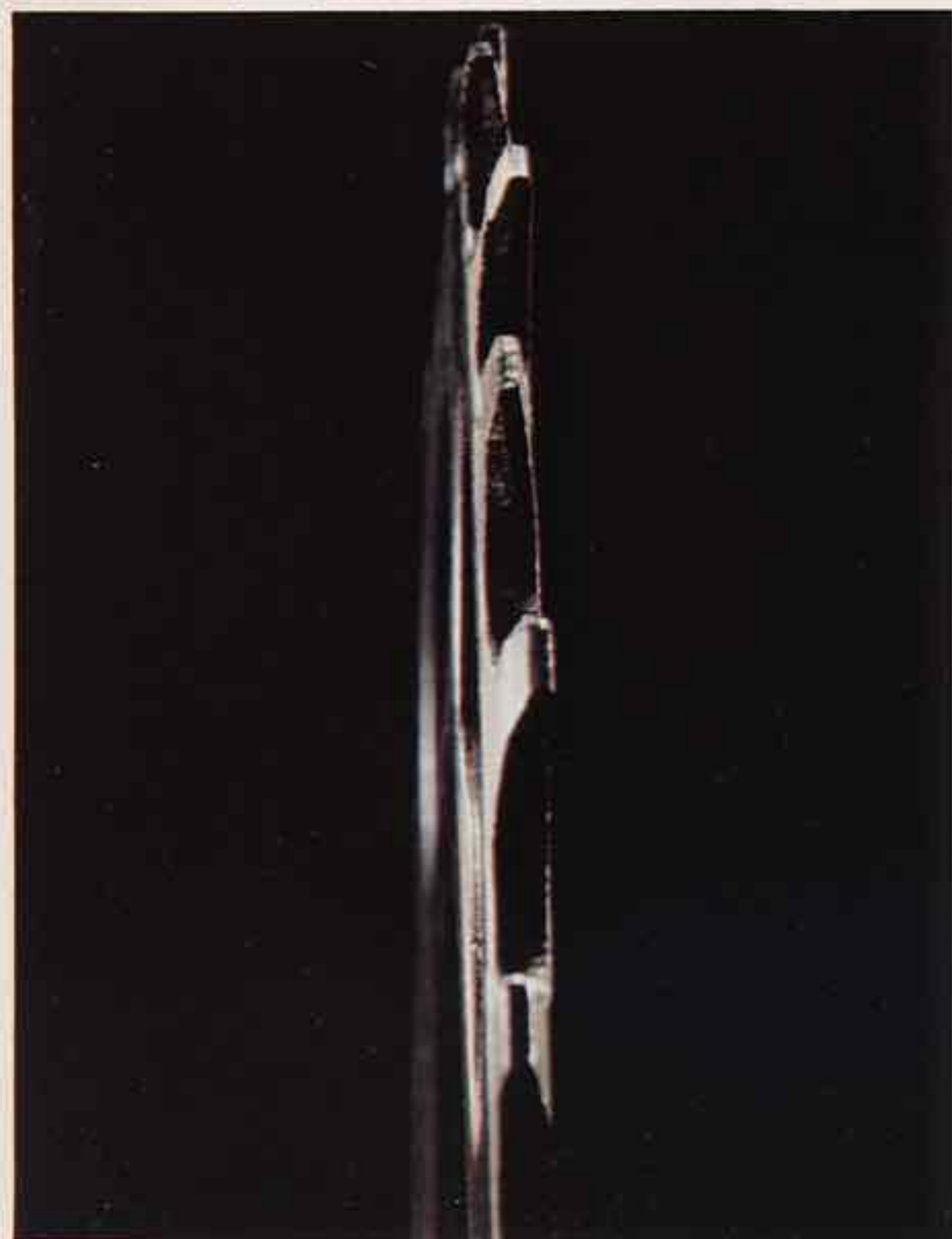
When releasing the lever to the higher gear position, the spring on the rear derailleur helps to pull down the lever to the higher gear position. This will result in well balanced operation for both speed-up and speed-down.



"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 evenly from top to low and low to top quickly and smoothly.

The teeth are tipped rather sharply and literally "zigzagged" like saw blades to precisely fit each link plate of the chain which is alternately connected externally and internally.



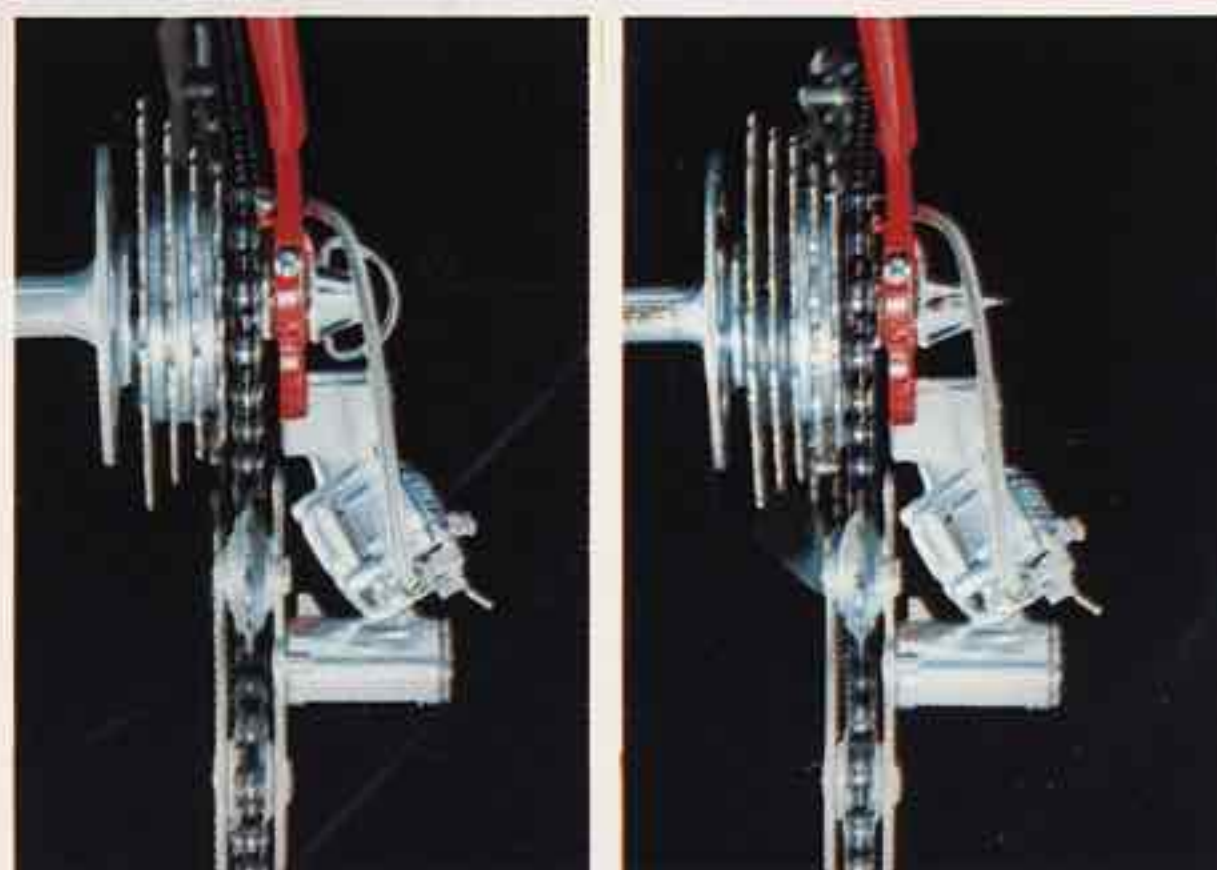
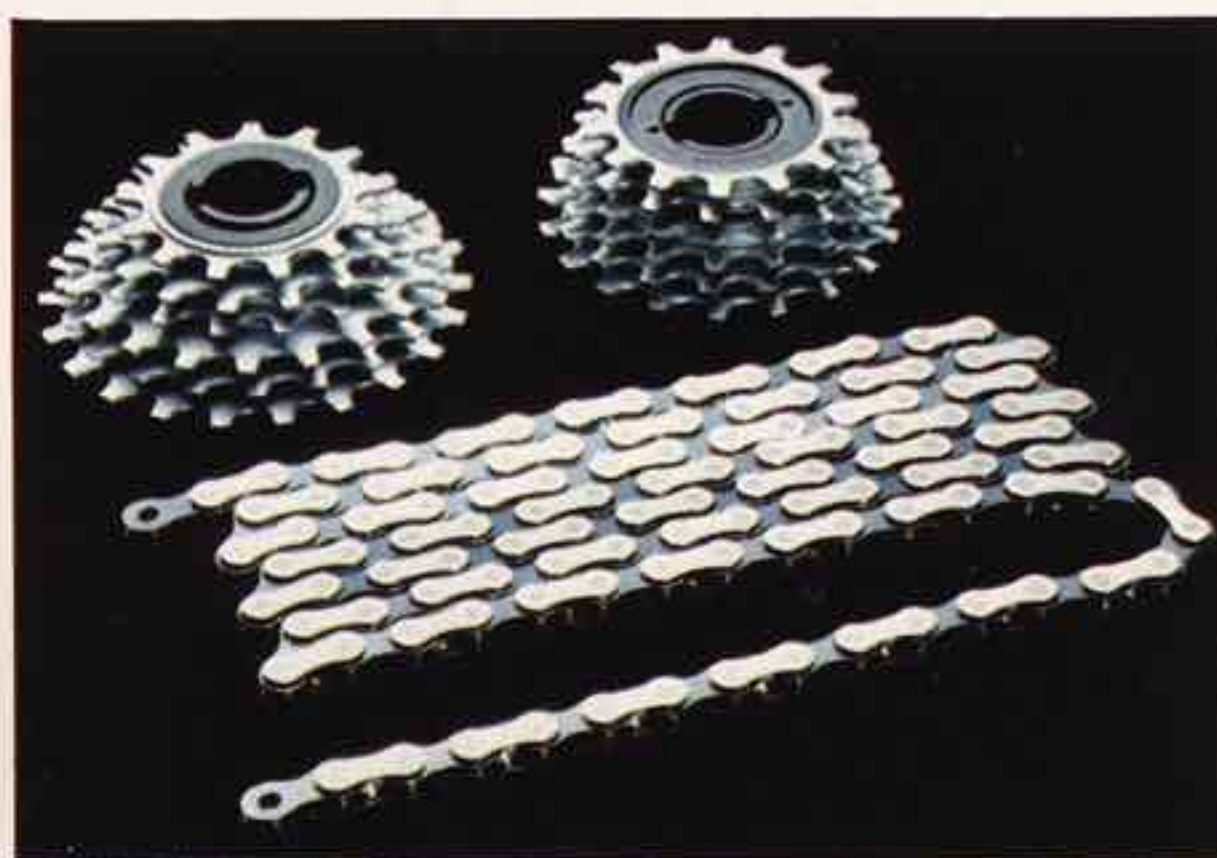
ULTRA-6 FREEWHEELS AND ULTRA-6 CHAIN

SUNTOUR's Innovate Research and Development Department has designed an epoch-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, especially in 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 dimension of 120 mm.

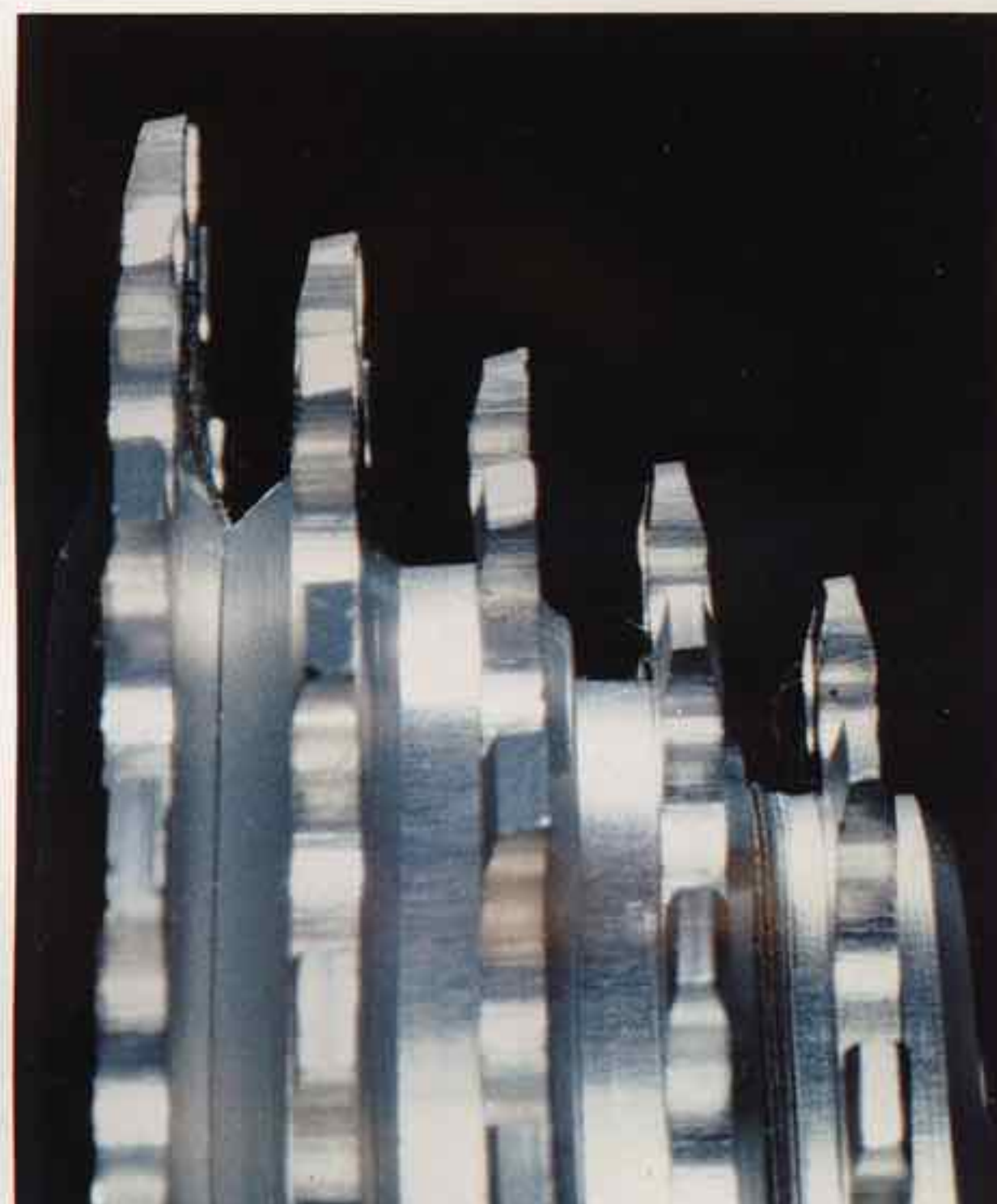
The distance between the sprockets is narrower when comparing the Ultra-6 to an ordinary 6-speed freewheel. Therefore SUNTOUR has developed the New Ultra-6 Chain which is required by the freewheels narrower distance.



ORDINARY 5-SPEED

ULTRA-6

TEETHING PROFILE



Racing Equipment from SUN TOUR

A group of cyclists are shown in a race, leaning forward in a racing posture. The lead cyclist is wearing a blue and white jersey with the number 10. Other cyclists are visible behind him, also in racing gear. The background shows a paved road and some greenery.

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 beautiful, is bicycle parts designed exclusively for expert 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)

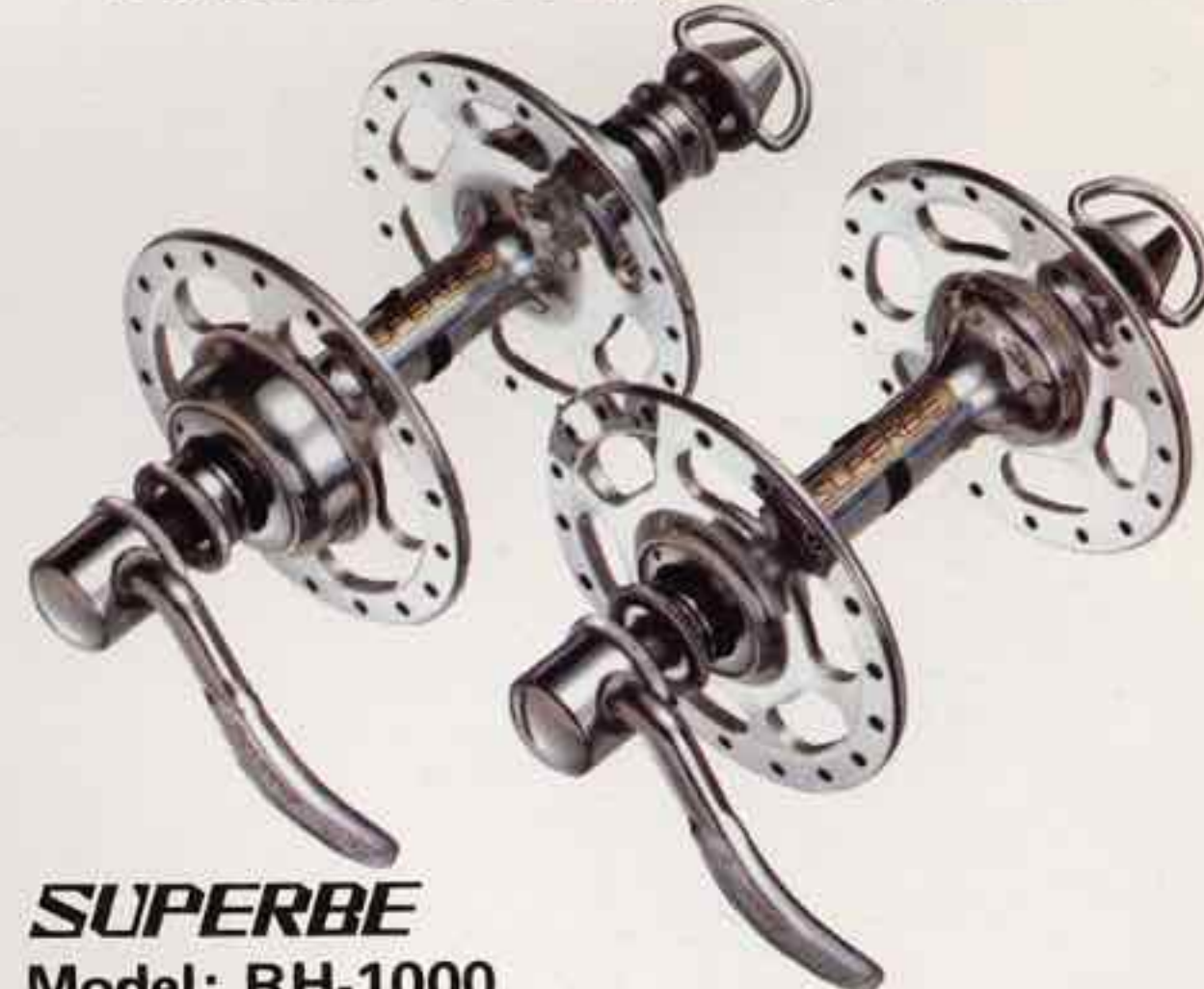
6-speed 4-15/16" (126 mm)

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 x 1.0

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 Adjustment

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: Type 1 - 13/64" (5 mm)
(Sprockets) Type 2 - 15/64" (6 mm)

Teething Profile



BOTTOM BRACKET SET

SUPERBE

Model: BB-100

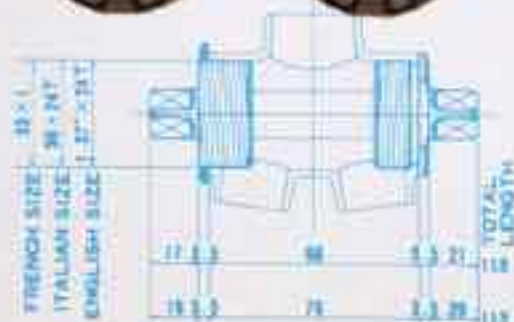
Specification

Material: Cr/Mo Steel

Cup Thread: 1.37" x 24t (English)

35 x 1.0 (French)

36 x 24t (Italian)



HEAD SET

SUN TOUR **SUPERBE**

Model: HS-100

Specification

Material: Steel (Main Parts)

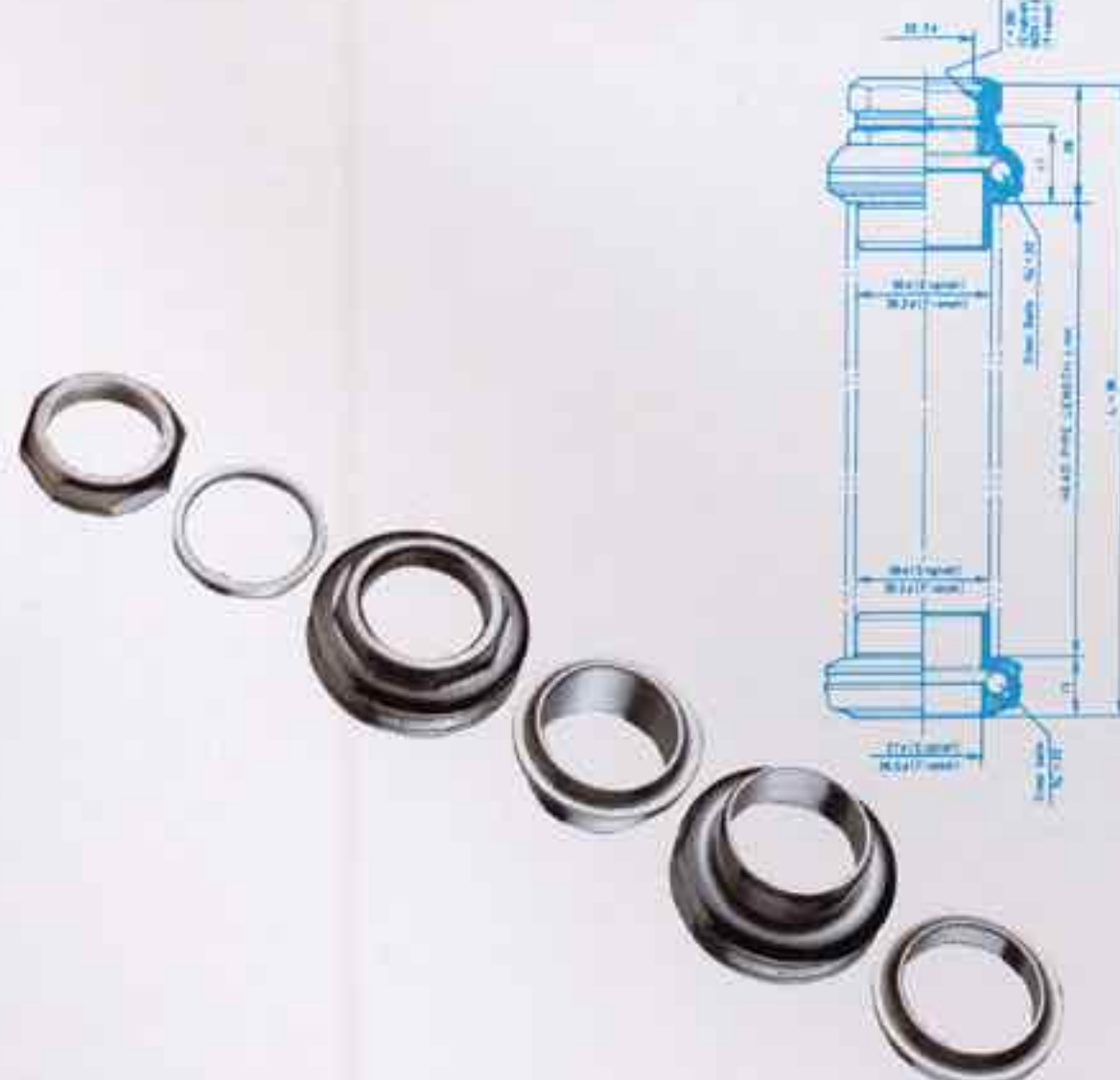
Chromium Steel. (balls)

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

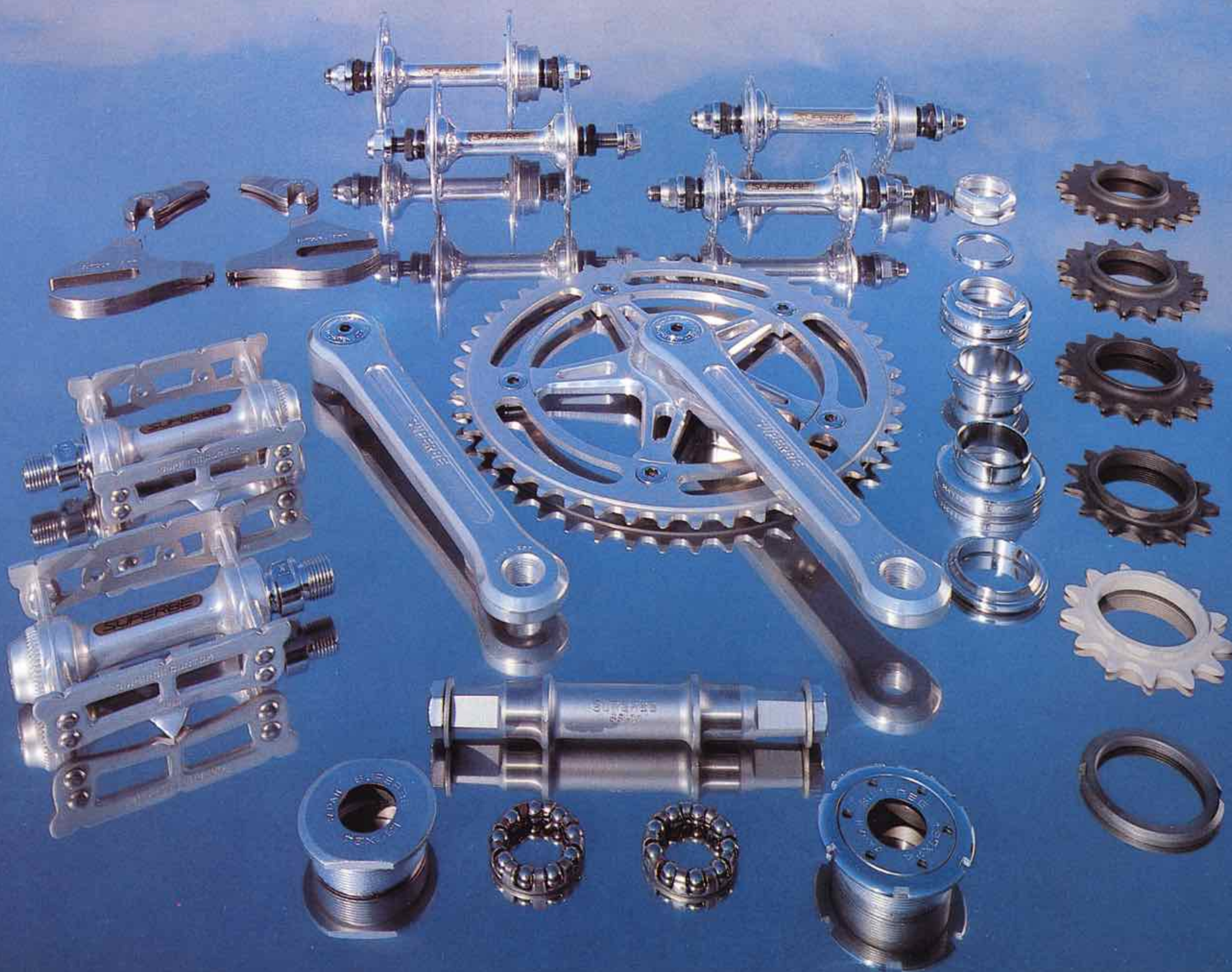
TRACK GROUP

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, assembling, 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

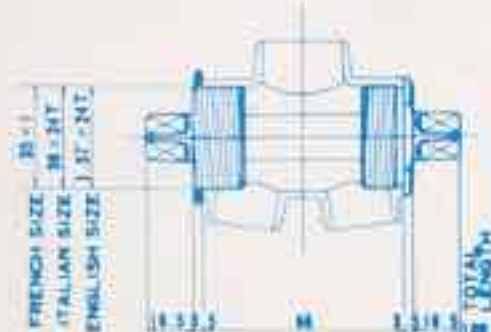
Specification

Material: Cr/Mo Steel

Cup Thread: 1.37" x 24t (English)

35 x 1.0 (French)

36 x 24t (Italian)



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

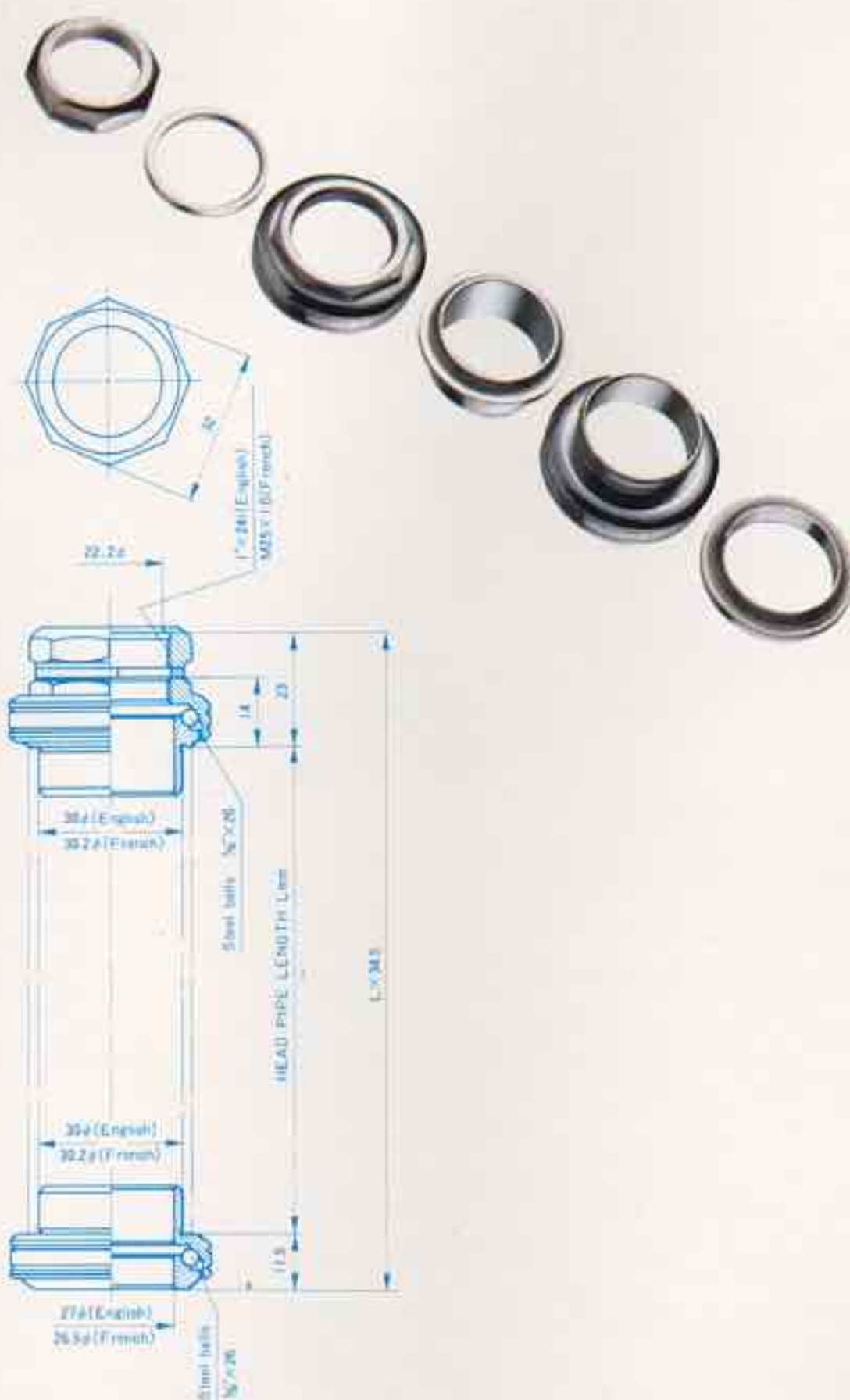
Specification

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

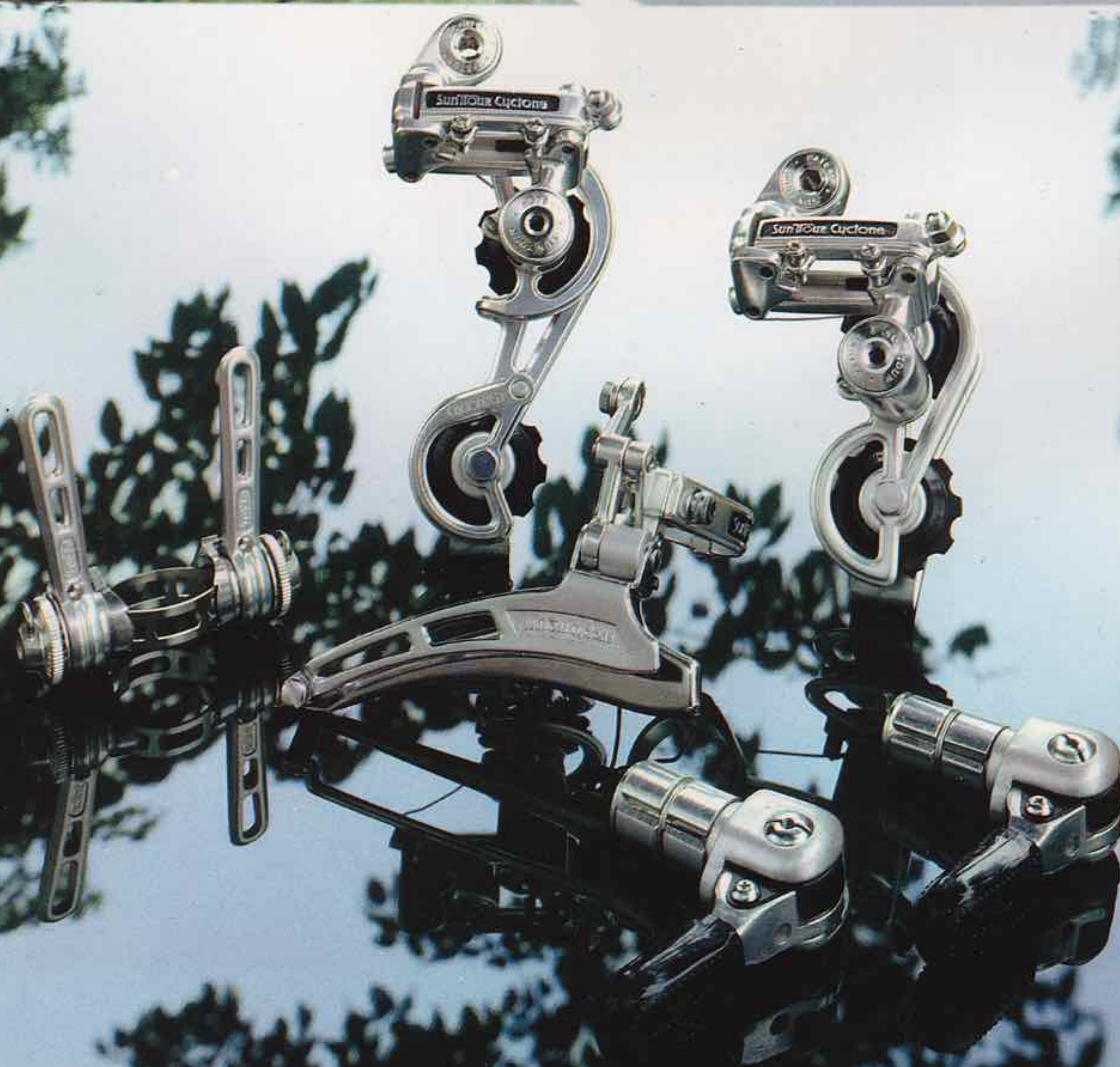
Cyclone Family is a set of high-class bicycle parts for road racing and touring.

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

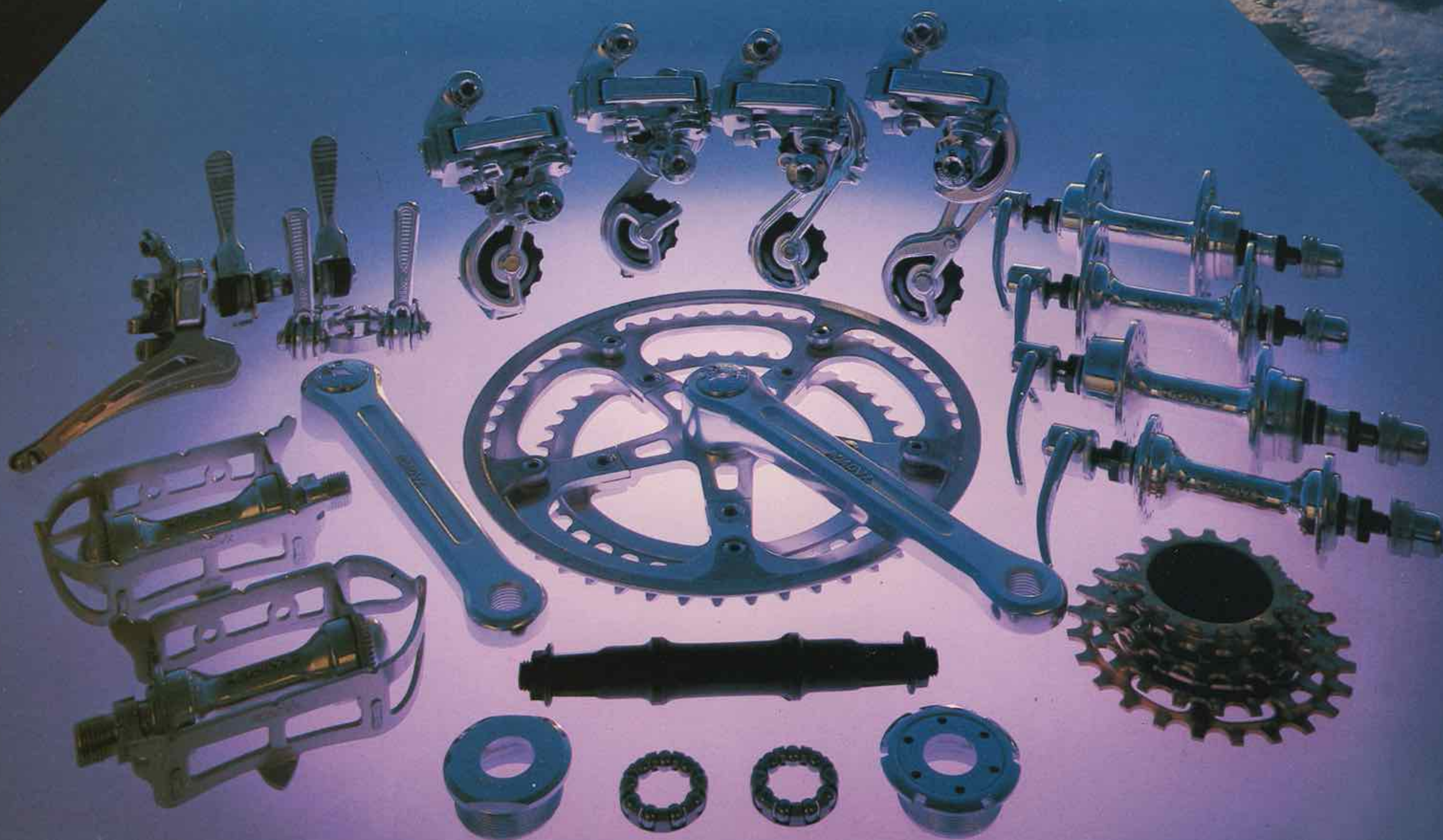
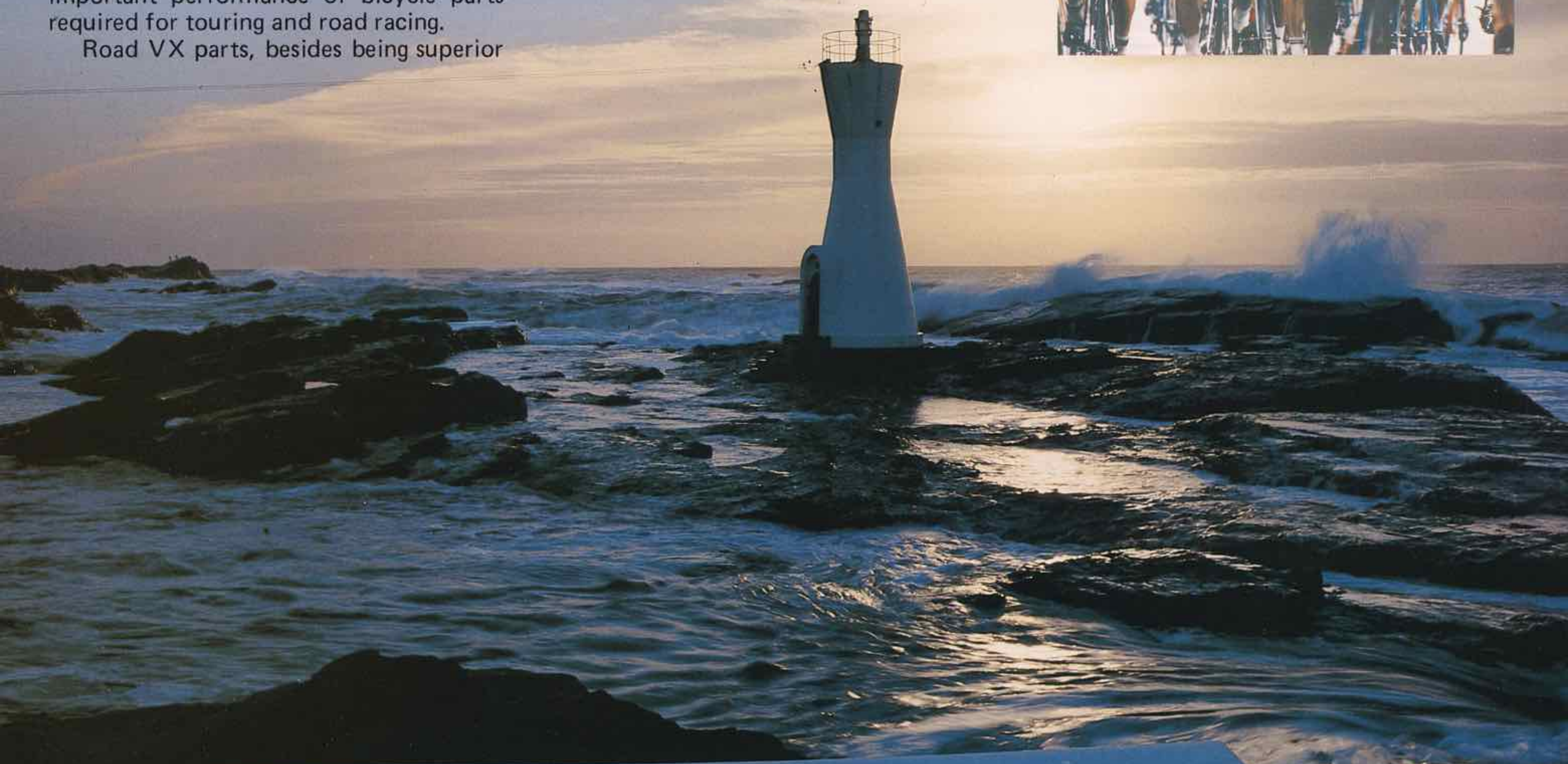
ROAD & TOURING GROUP

Road VX is a set of bicycle parts produced with an 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 reardrailer 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

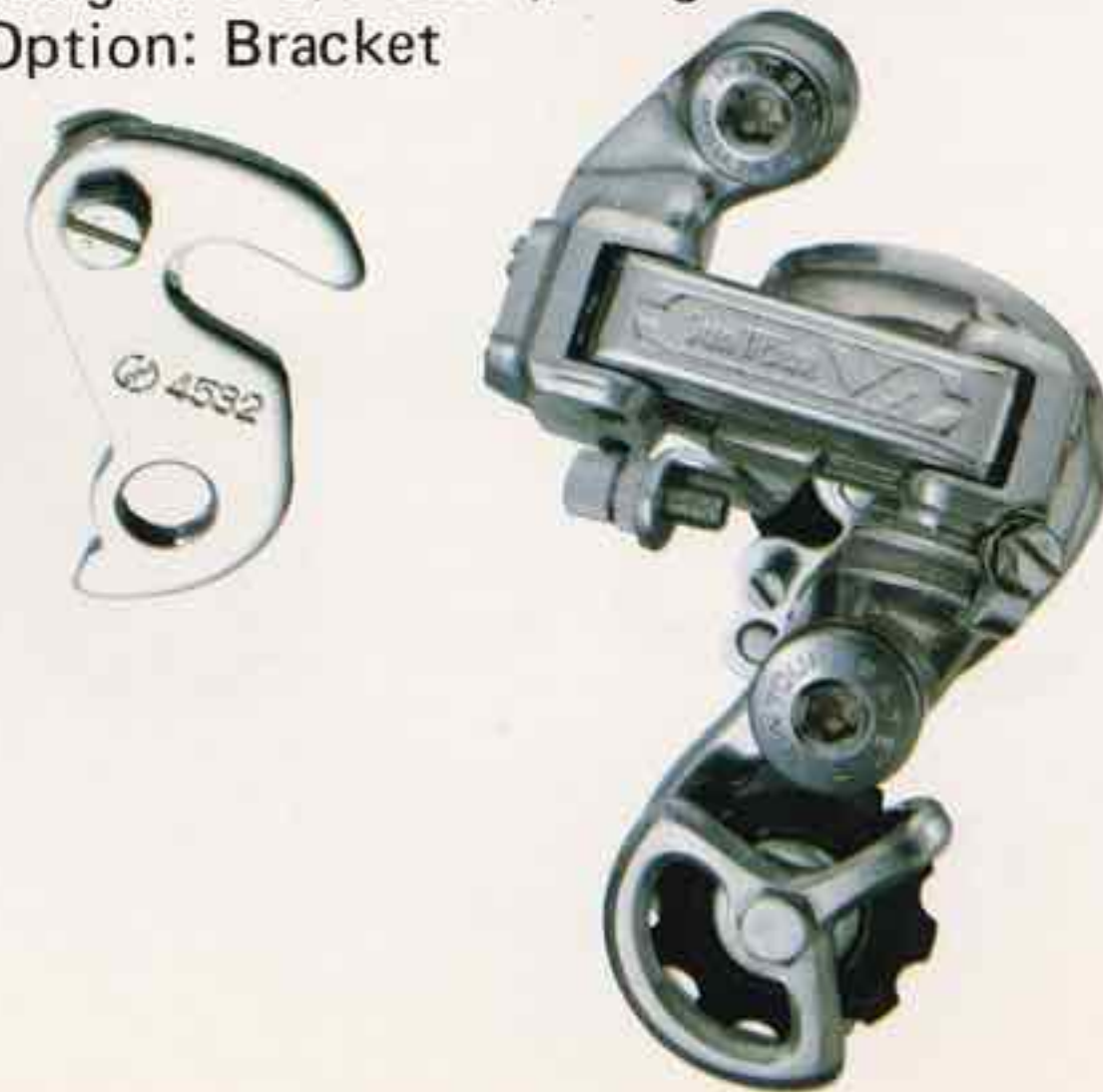
Rear 14T – 30T = 16T

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

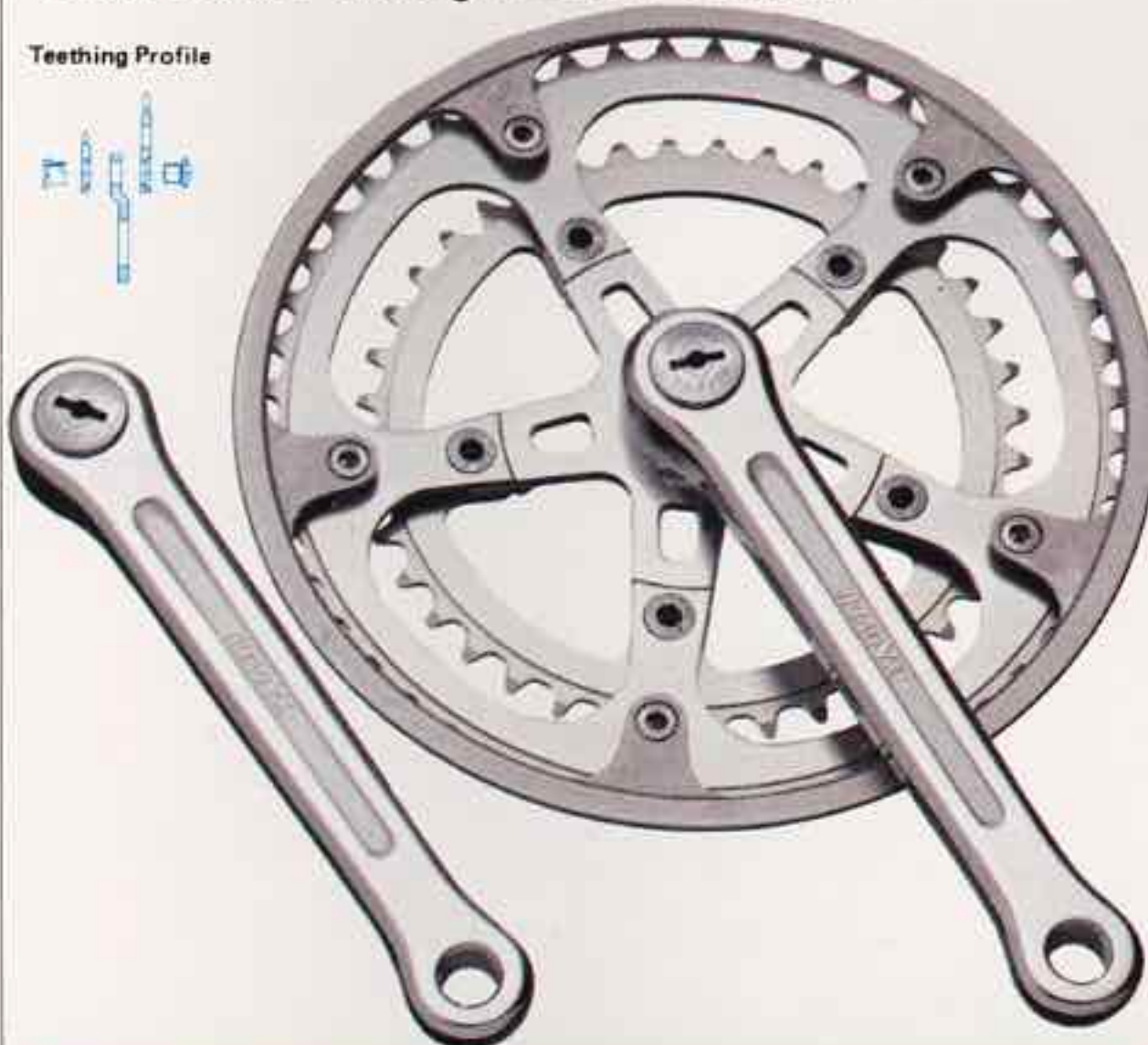
ROADVX

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



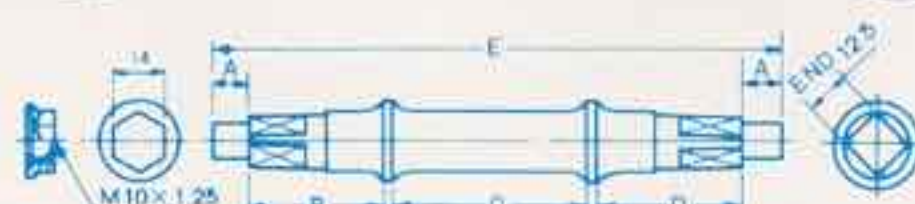
BOTTOM BRACKET SET

ROADVX

Model: BB-150

Specification

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



Lug Width	A	B	C	D	E	Chain Line
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
Type: Boss Type (French)
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



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 *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 ROADVXGT

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.)



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:

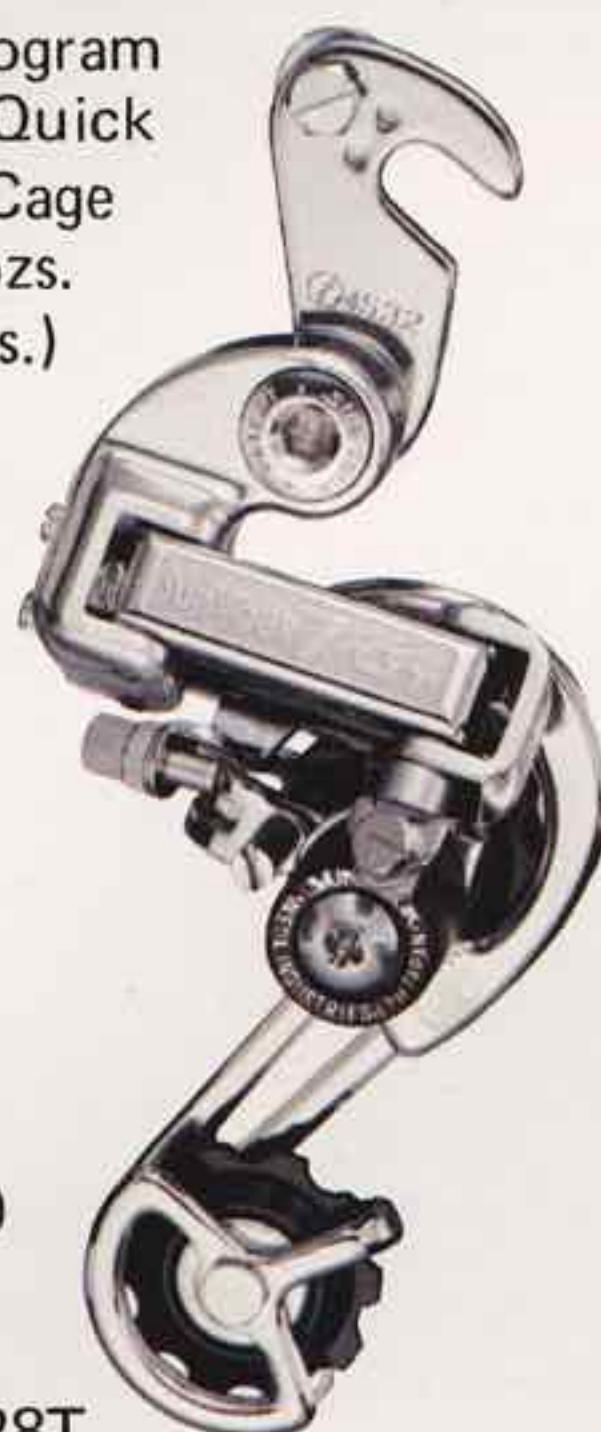
Slant Parallelogram

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

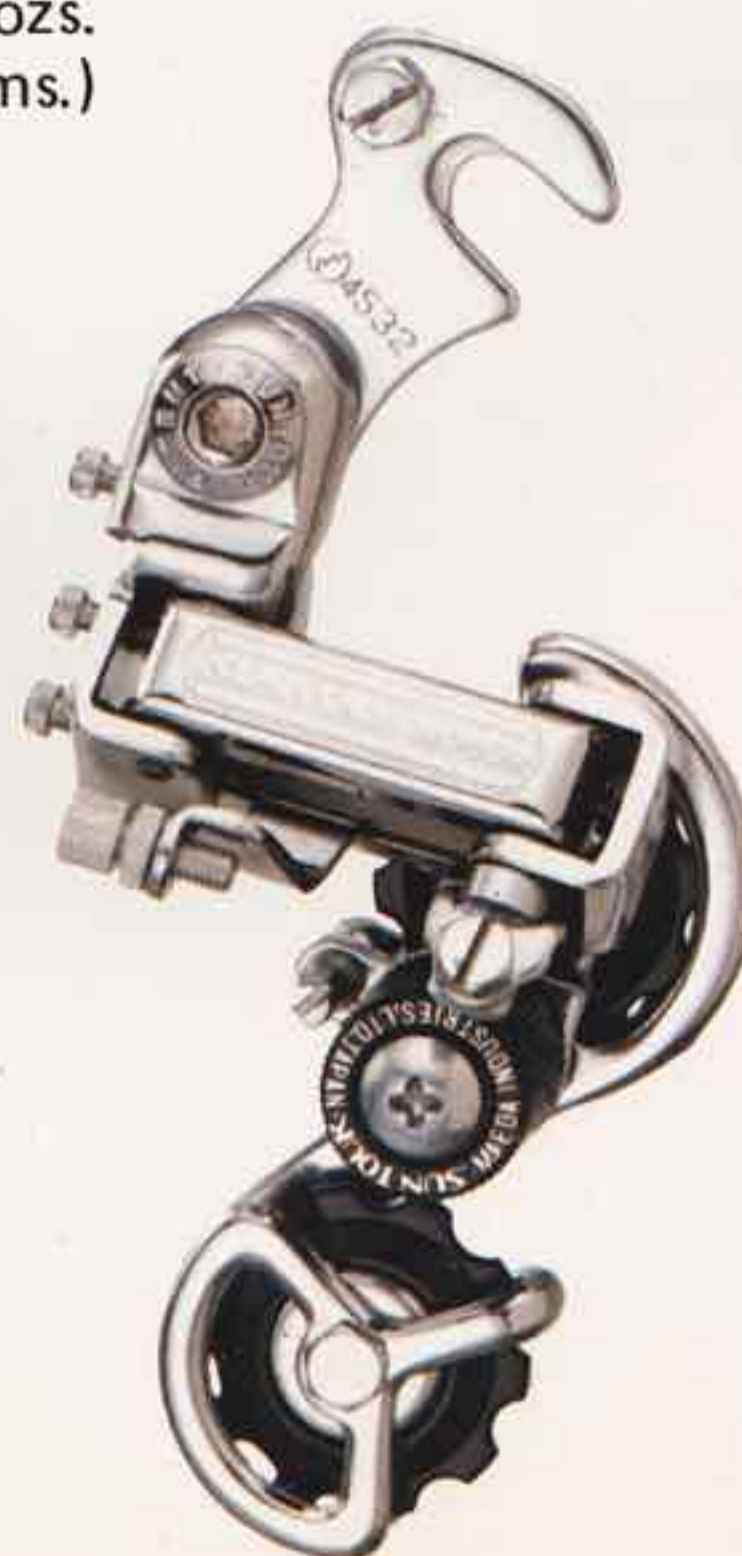
Stroke: 1-1/4" (31 mm)

Mechanism: Slant Parallelogram

Top Normal/Quick Cage

Weight: 14-1/8 ozs.

(400 gms.)



SUN TOUR GT

Model: RD-1200

Specification

Material: Steel

Gear Capacity: 36T

Front 52T – 36T = 16T

Rear 14T – 34T = 20T

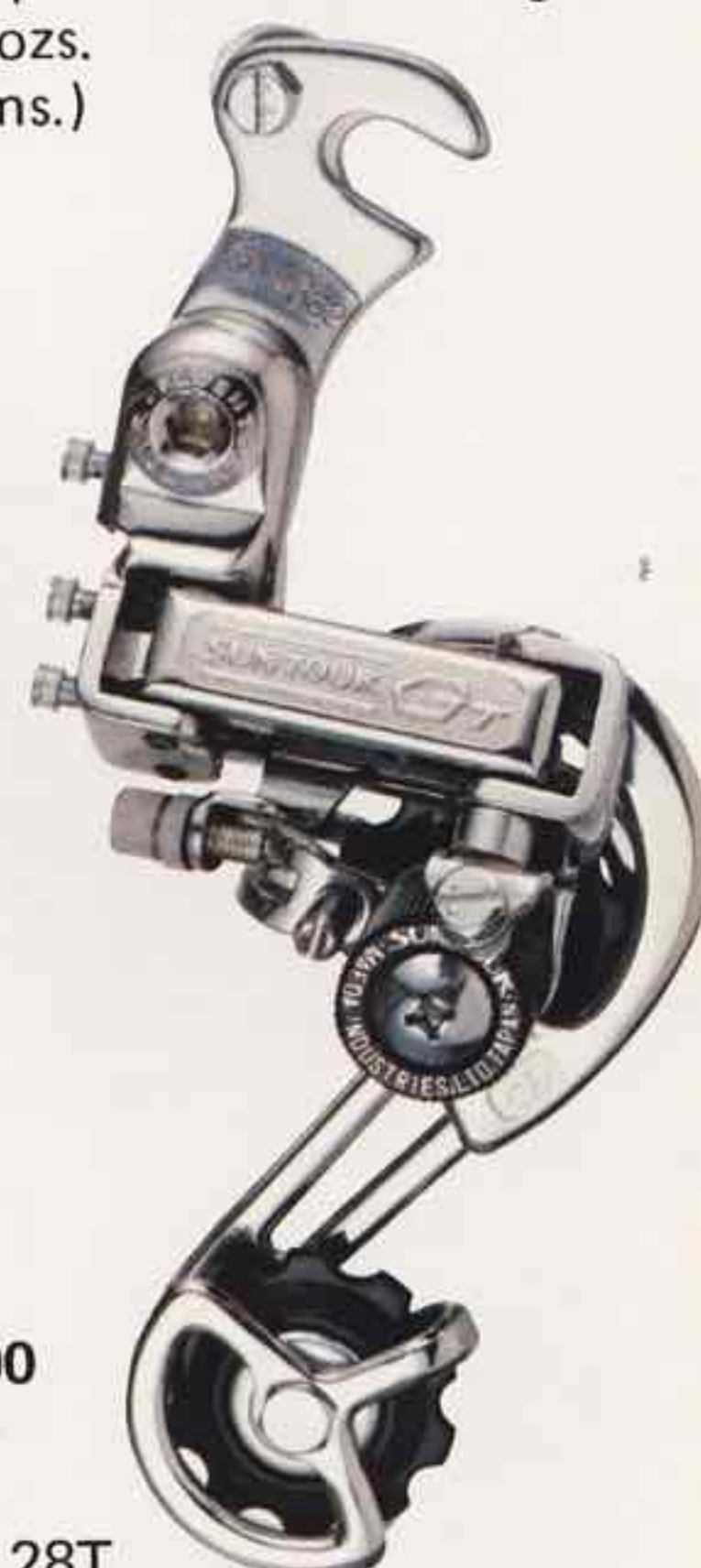
Stroke: 1-1/4" (31 mm)

Mechanism: Slant Parallelogram

Top Normal/Quick Cage

Weight: 15-1/2 ozs.

(440 gms.)



SUN TOUR 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.)



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

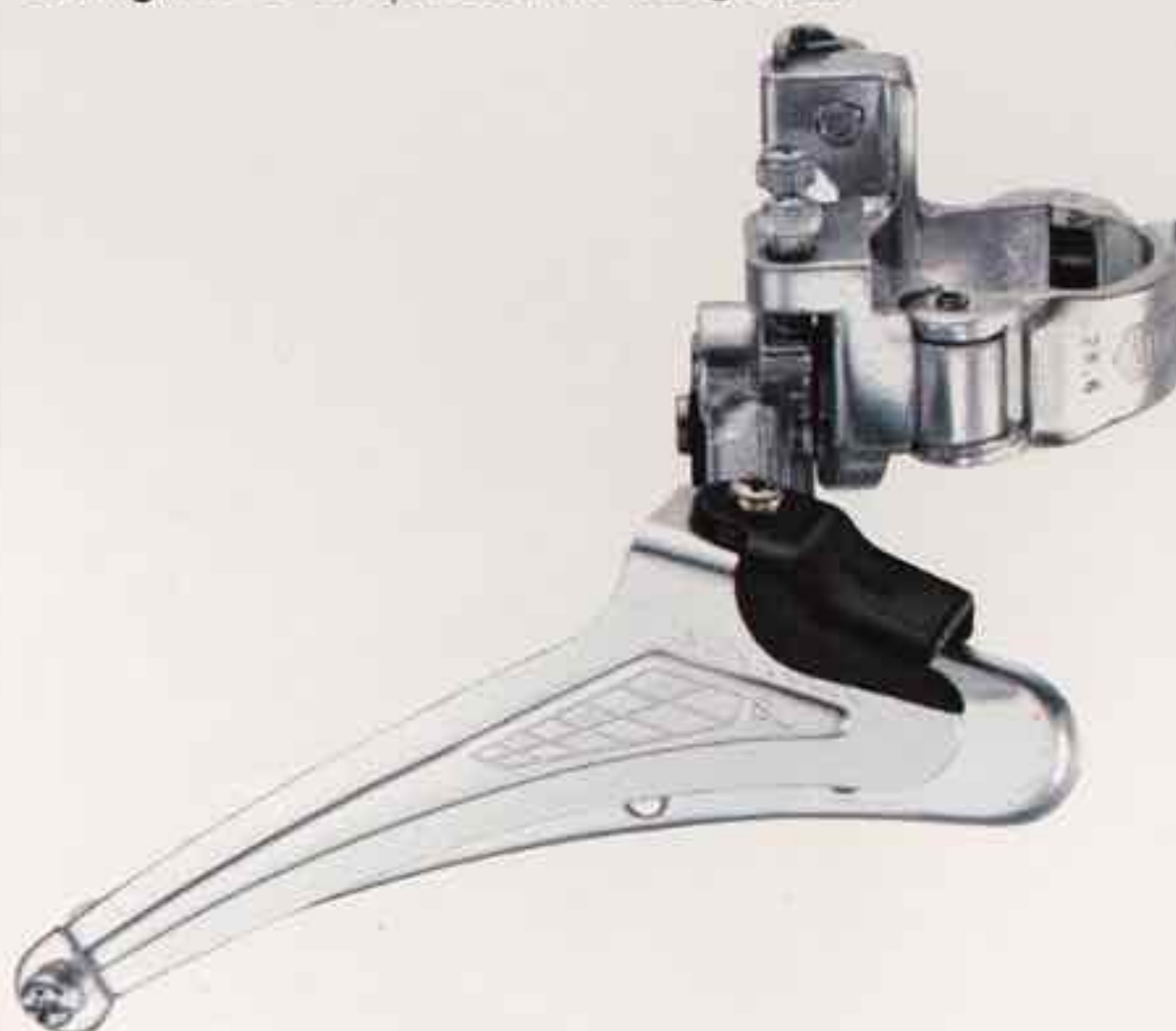
Material: Light Alloy (Body & Cage)

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.)



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 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-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 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" (23.8 mm)

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.)



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

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 13x14x15x16x
17T



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, 25T

Available for Close Ratio 13x14x15x16x
17x18T



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

Type: Boss Type (French)

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

Type: Boss Type (French)

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.)
 Axle 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,
Standard Model: 23, 24, 26T
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 13x14x15x16x
17T



ULTRA-6 FREEWHEELS AND ULTRA-6 CHAIN

SUNTOUR's Innovate Research and Development Department has designed an epoch-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, especially in 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 dimension of 120 mm.

The distance between the sprockets is

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)

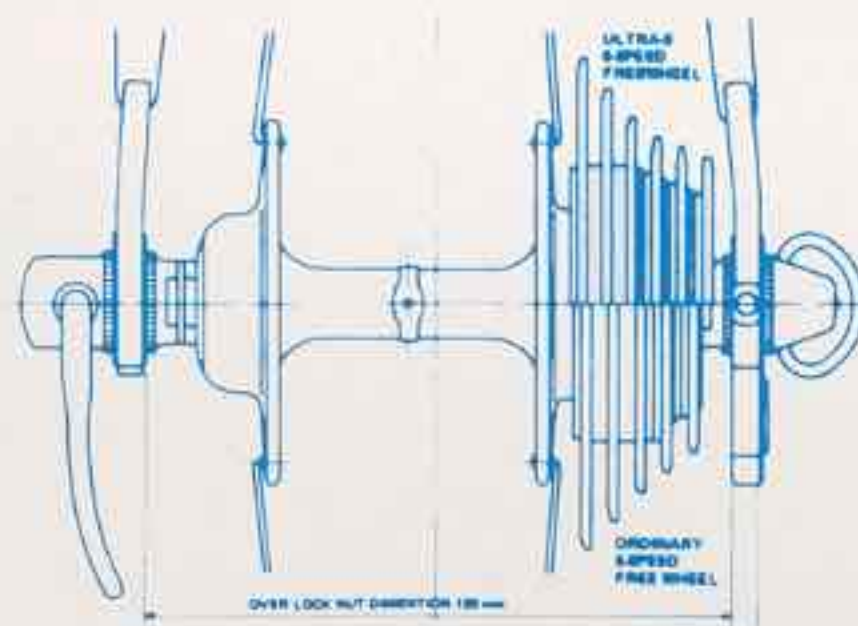
Type: Boss Type

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 13x14x15x16x
17x18T



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.

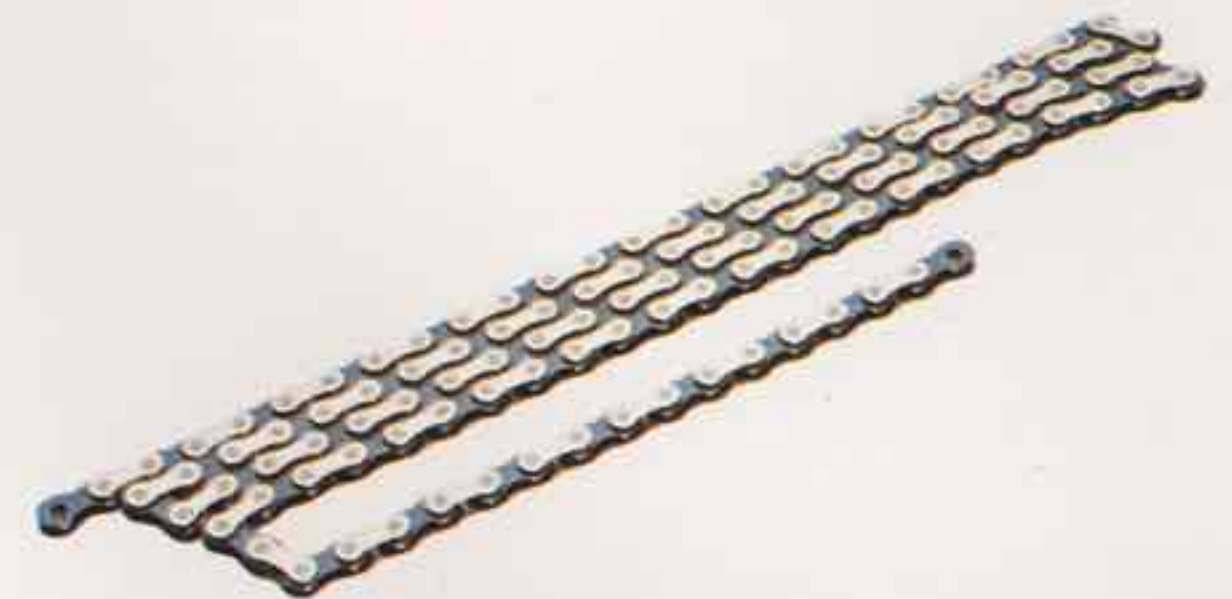
SUN TOUR ULTRA-6 CHAIN Model: UC-6000

Specification

Material: Steel

Surface Treatment: Roller Link Plate/
Black Finish Pin Link
Plate/Silver Finish

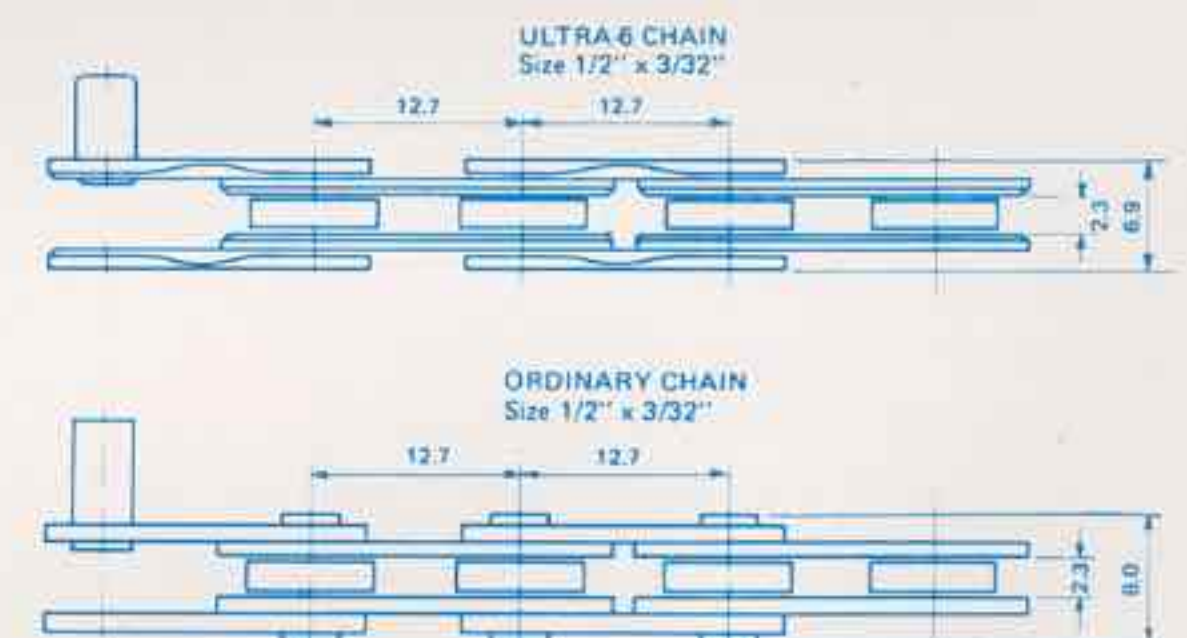
Size: 1/2" x 3/32" (Ultra-6 Size)



Ultra-6 Chain

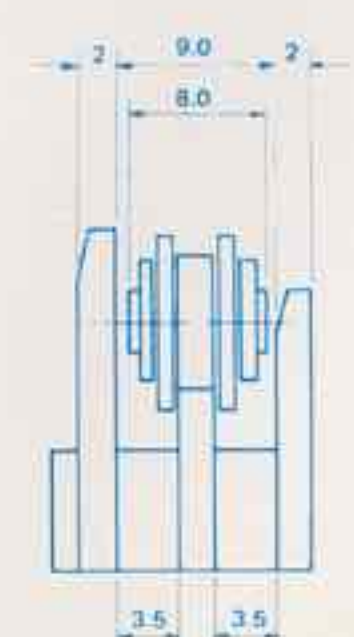
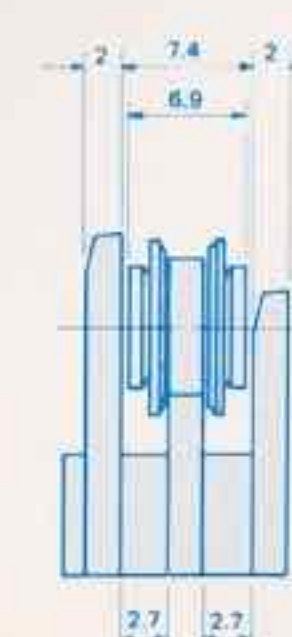
As illustrated below, the Ultra-6 Chain is 1 mm smaller in outer width than the ordinary chain, but the same as the latter in inner width. Therefore, the chain size of the Ultra-6 (1/2" x 3/32"), is the same as the size of the ordinary chain and the Ultra-6 Chain can be used with any ordinary-type 5-speed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

ORDINARY
MULTIPLE FREEWHEEL
& CHAIN WIDTH



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"



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 **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 **GT**

Model: ED-100

Specification

Type: Road Type

Material: Steel/Pressed

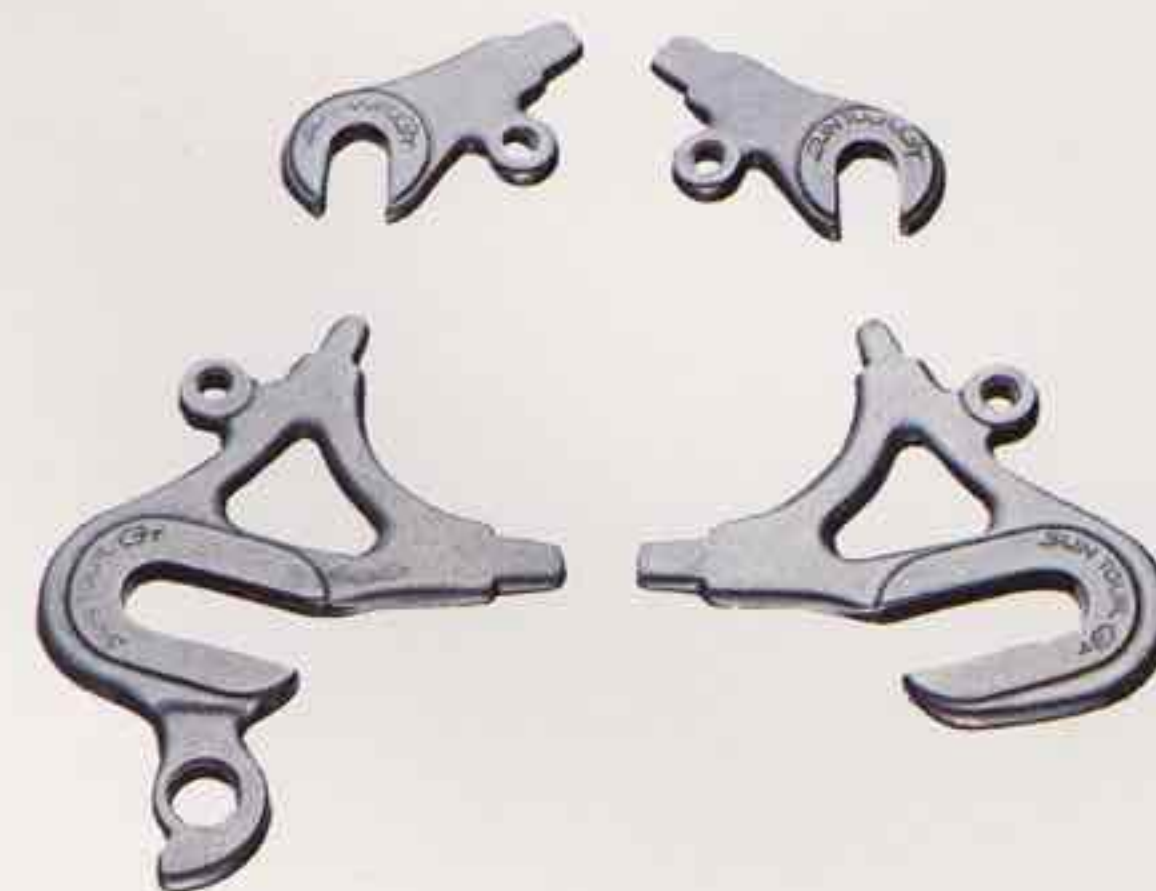
Thickness: Front 1/4" (6 mm)

Rear 1/4" (6 mm)

Groove: Front 5/16" (8 mm)

Rear 13/32" (10 mm)

Option: Axle Stopper Set

SUN TOUR **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-II**

Model: EF-110

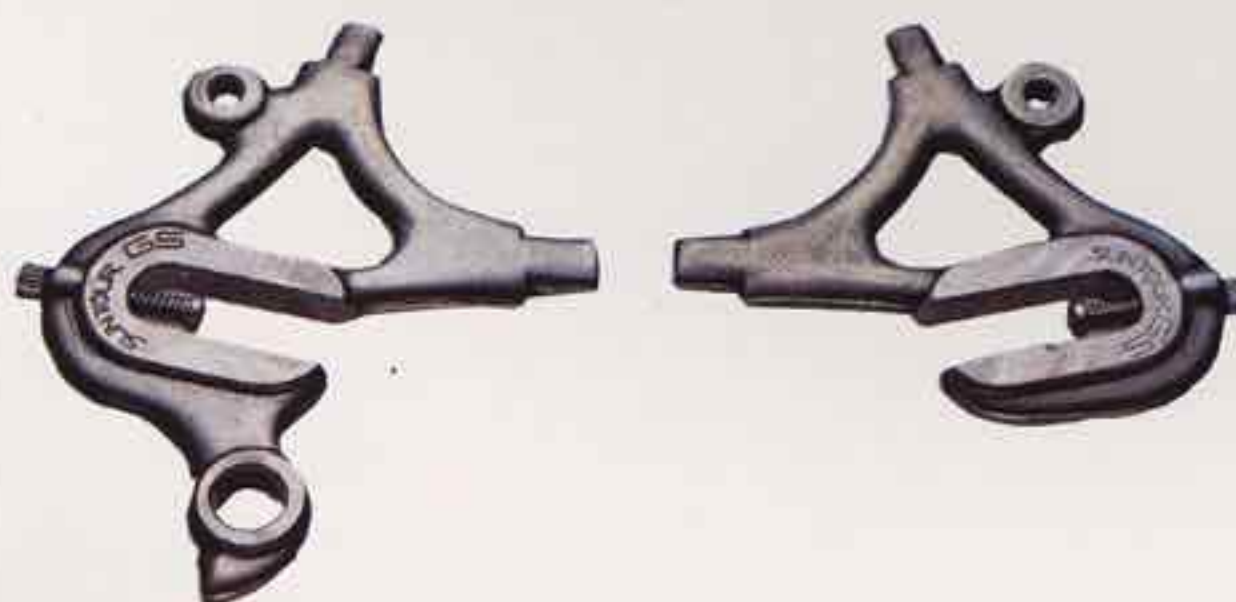
Specification

Type: Road Type

Material: Steel/Forged

Thickness: Rear 9/32" (7 mm)

Groove: Rear 13/32" (10 mm)

SUN TOUR **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 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 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 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



SPOKE DISC

Model: SD-850

Specification

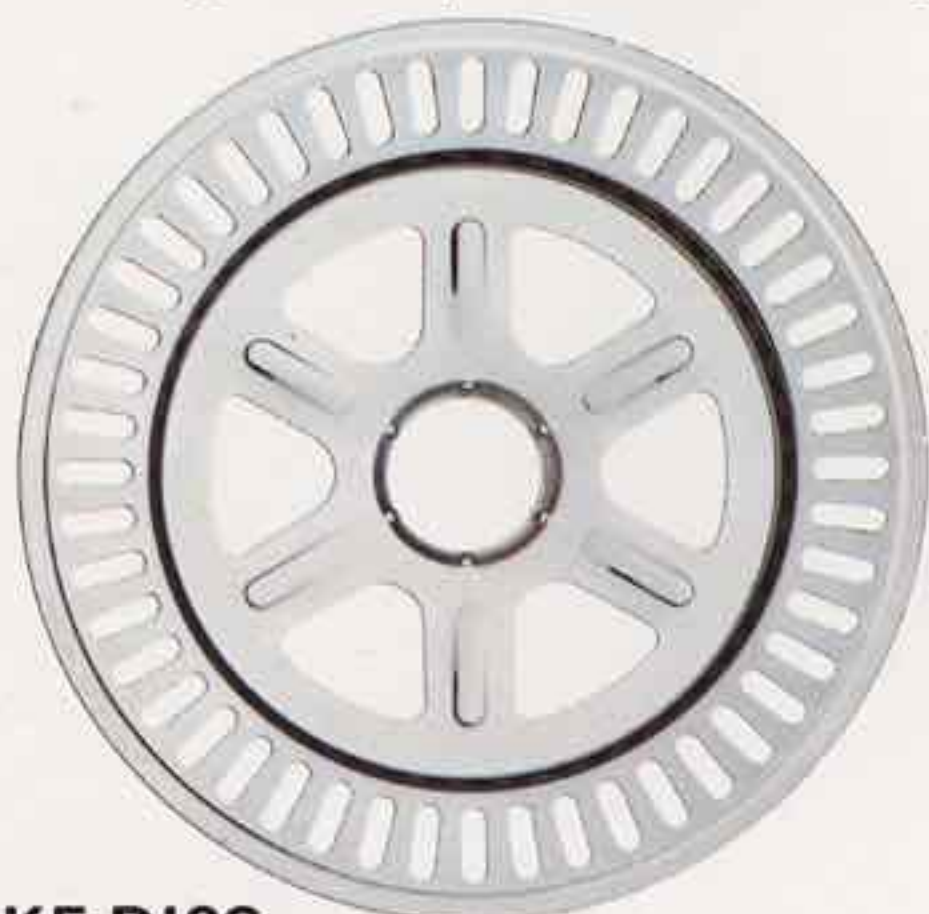
Diameter: 8-1/2" (216 mm)

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

Material: Steel

Weight: 1-1/2 ozs. (44 gms.)

Model:
PT3000

Model: SD-440

Specification

Diameter: 4-5/8" (219 mm)

Use: For 3-Speed Freewheel

Material: Steel

Weight: 1-1/2 ozs. (45 gms.)

Model:
PT2000

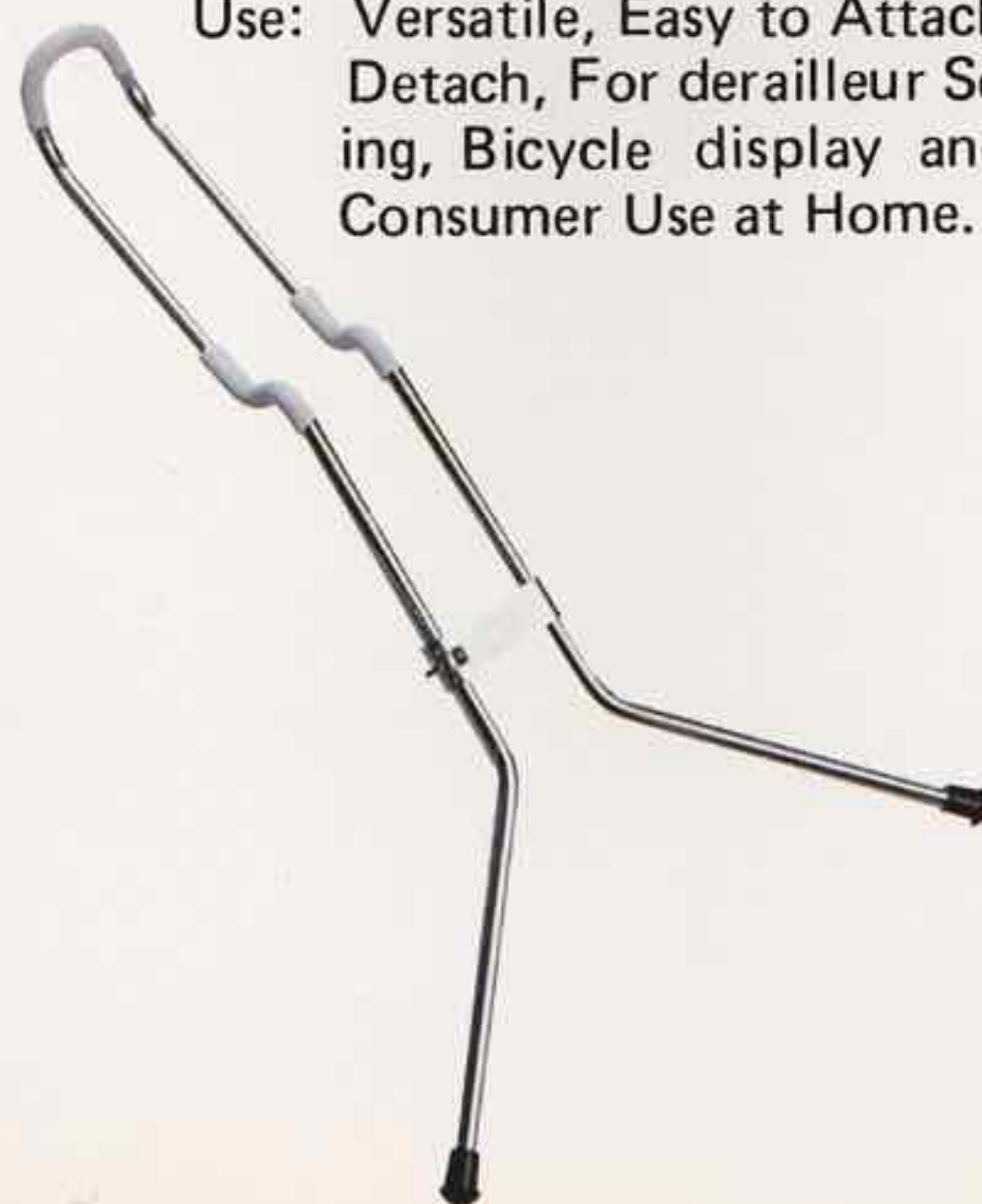


SUN TOUR MULTI-STAND

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 Spindle End.

Use: Rear Derailleur Guard.



QUICK RELEASE

Model: QR-120

Specification

Attachment Position: Seat Pillar

Length: 2" (50 mm), 2-3/8" (60 mm)

Model: QR-100

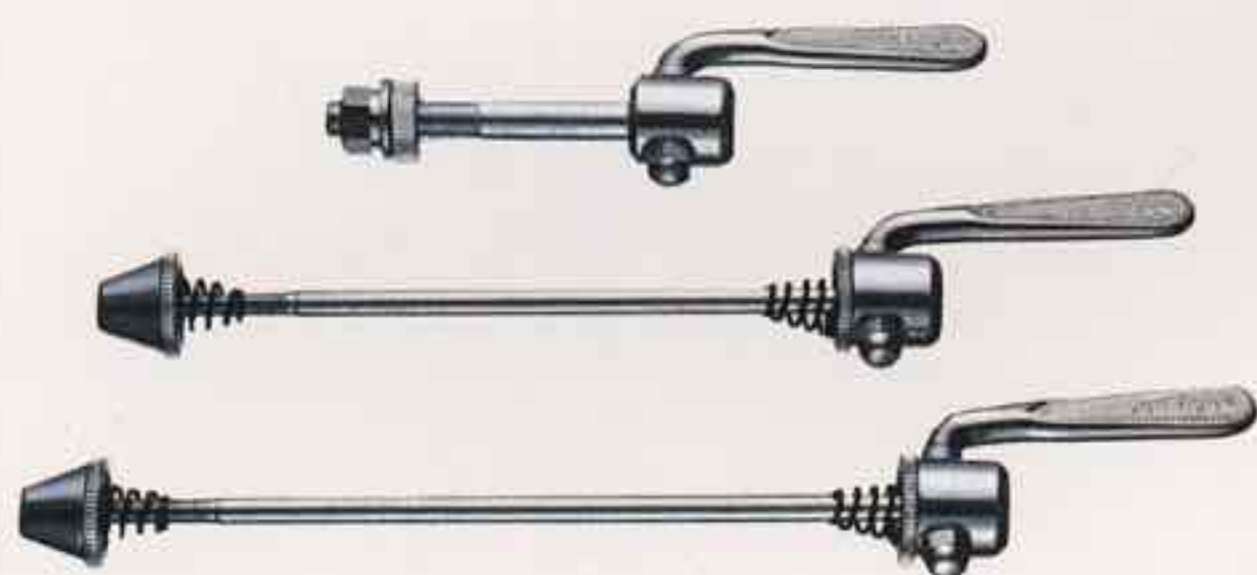
Specification

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

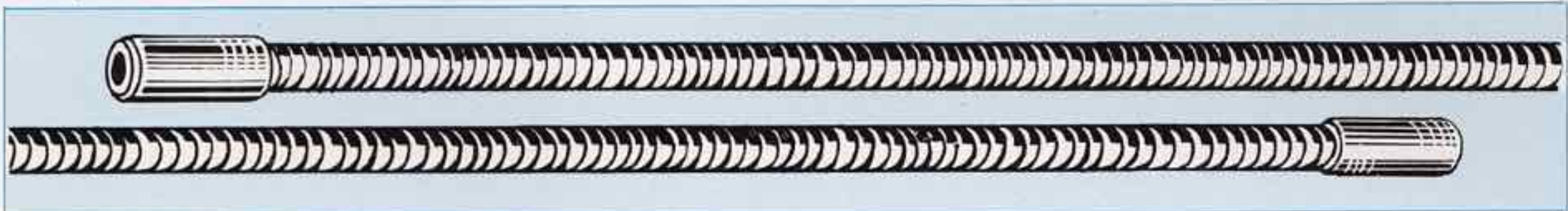
Without Outer Bands For 3-Speed Hub



OUTER CASINGS AND INNER CABLES

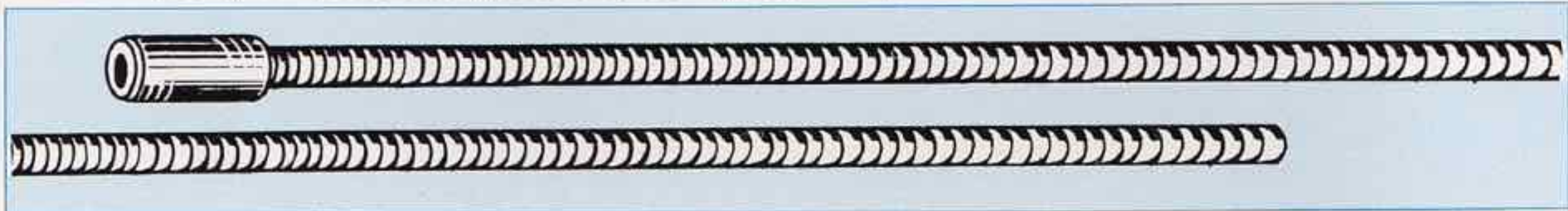
STAINLESS OUTER CASING WITH BOTH CAPS

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



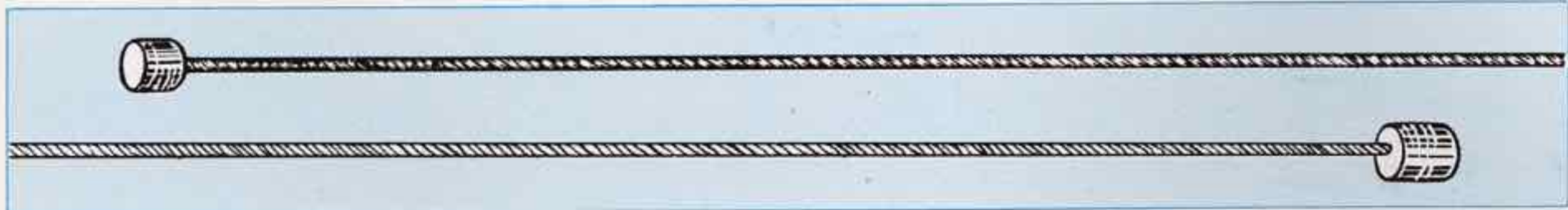
STAINLESS OUTER CASING WITH ONE CAP

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)



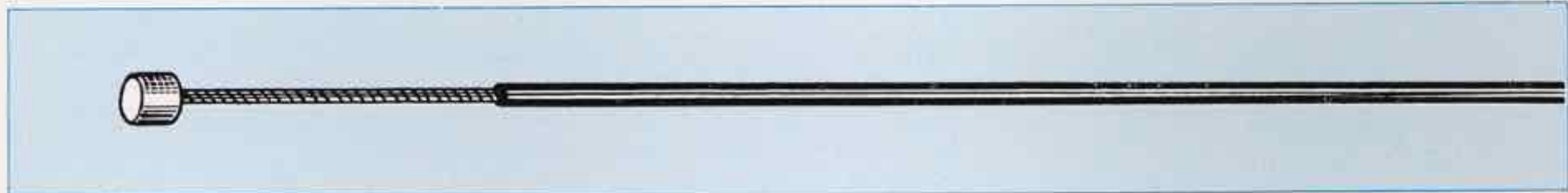
INNER CABLE (1.5 mmφ)

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)

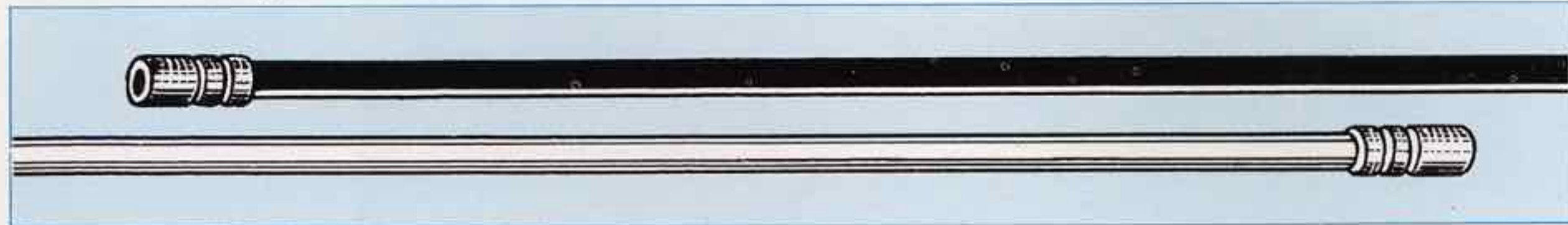
Length: 59-1/16" (1500 mm). Suntour Trigger Lever Only



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)

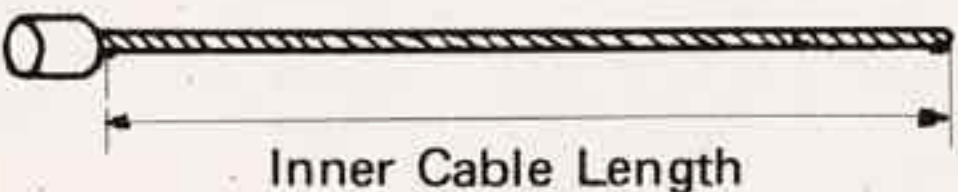
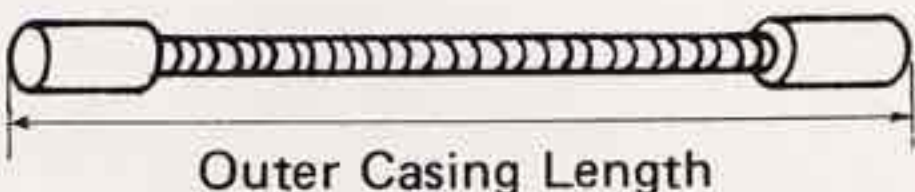
Color: White, Black



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



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 complete 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:
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MAEDA INDUSTRIES OF USA, INC.
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COMPARISON TABLES

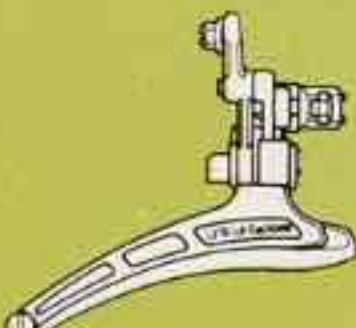
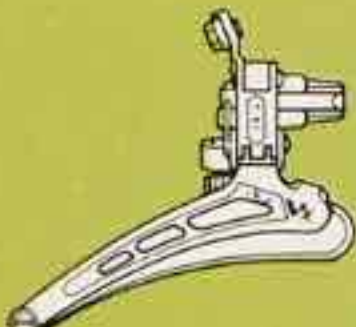
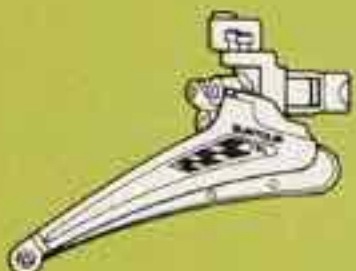
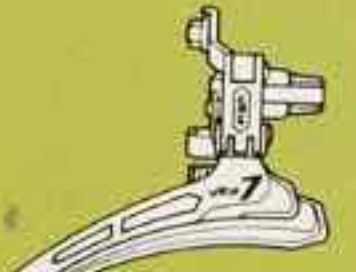
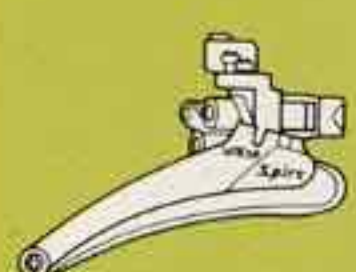
SUN TOUR REAR DERAILLEURS

MODEL	MATERIAL	MECHANISM	GEAR CAPACITY	SHIFTER STROKE	WEIGHT	RECOMMENDED 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	RECOM- MENDED 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	—

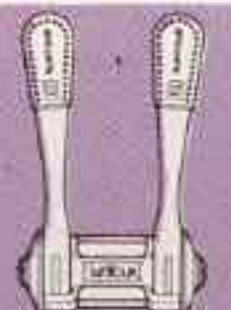
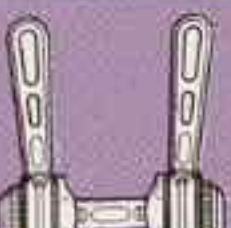
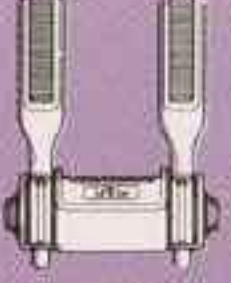
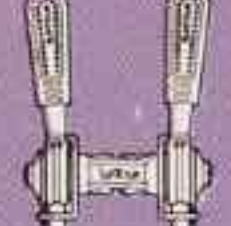
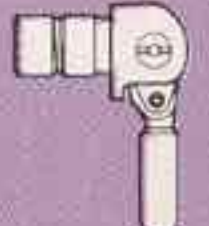
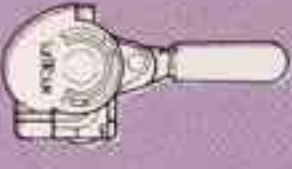
COMPARISON TABLES

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 Parallelogram	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 Parallelogram	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	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.)	 PUB-10	Light Alloy (Lever Handle) Steel (Body, Clamp)	Power Shift	7/8" (21.2 mm) Handle Stem	Double	8 ozs. (227 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.)	 PUB-5	Light Alloy (Lever Handle) Steel (Body, Clamp)	Power Shift	7/8" (21.2 mm) Handle Stem	Single	5-1/2 ozs. (156 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.)	 ST-10	Light Alloy (Lever Handle) Plastic (Body Cover) Steel (Body, Clamp)	Universal Type	7/8" (21.2 mm) Handle Stem	Double	5-1/2 ozs. (157 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.)	 ST-5	Light Alloy (Lever Handle) Plastic (Body Cover) Steel (Body, Clamp)	Universal Type	7/8" (21.2 mm) Handle Stem	Single	4-1/4 ozs. (120 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.)	 UB-10	Light Alloy (Lever Handle) Steel (Body, Clamp)	Universal Type	7/8" (21.2 mm) Handle Stem	Double	5 ozs. (143 gms.)
 NPUB-10	Light Alloy (Lever Handle) Steel (Lever Clamp)	Power Shift	7/8" (21.2 mm) Handle Stem	Double	5-5/8 ozs. (160 gms.)	 UB-5	Light Alloy (Lever Handle) Steel (Body, Clamp)	Universal Type	7/8" (21.2 mm) Handle Stem	Single	3-7/8 ozs. (110 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.)	 BAR-CON	Light Alloy (Lever Handle & Body)	Power Shift	Handle Bar Ends	—	6-1/4 ozs. (176 gms.) Pair
 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.)	 MIGHTY SHIFTER II	Light Alloy (Lever Handle) Steel (Body)	Power Shift	7/8" (22.2 mm) 15/16" (23.8 mm) Handle Bar, Stem	Single	3-1/2 ozs. (98 gms.)

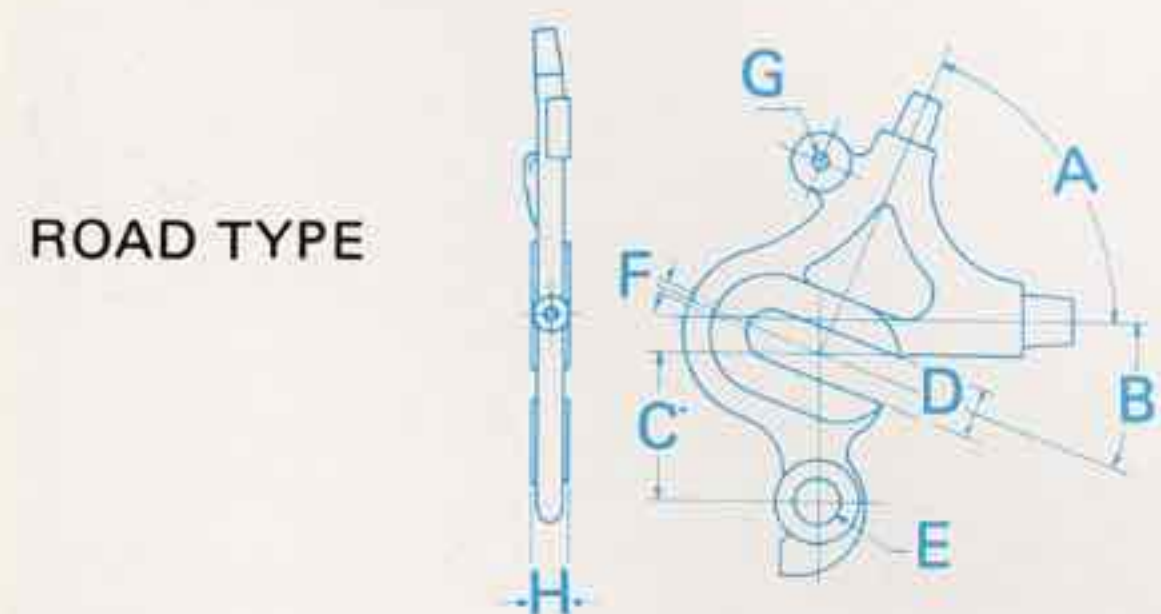
COMPARISON TABLES

FORK ENDS

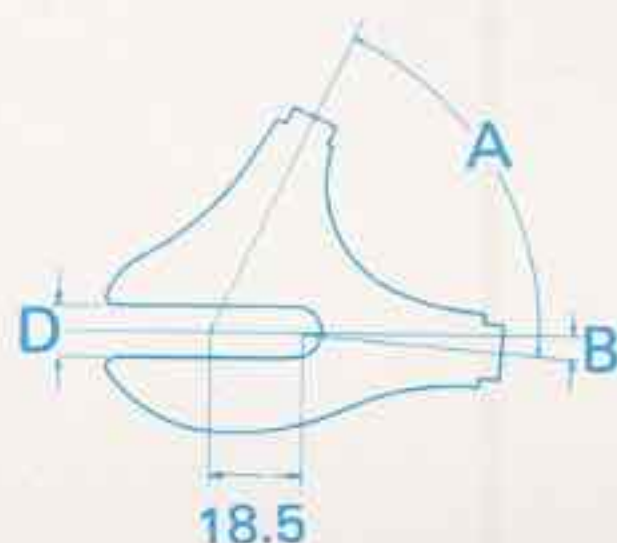
REAR ENDS

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	"

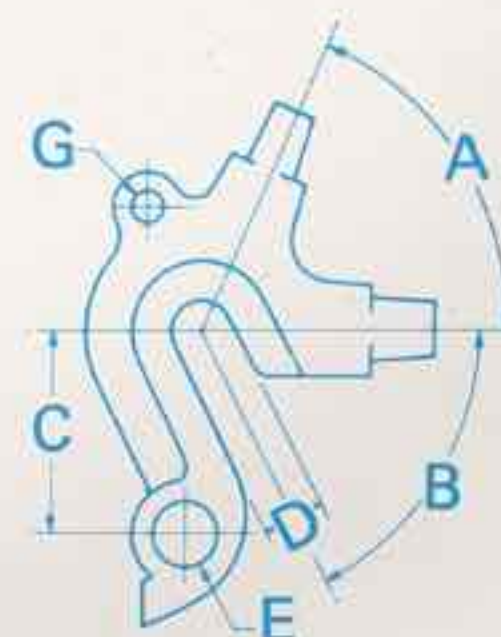
GT, GTW, Available Axle Stopper Set.



TRACK TYPE



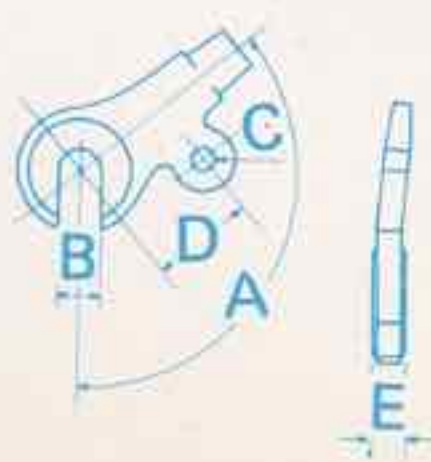
TOURING TYPE



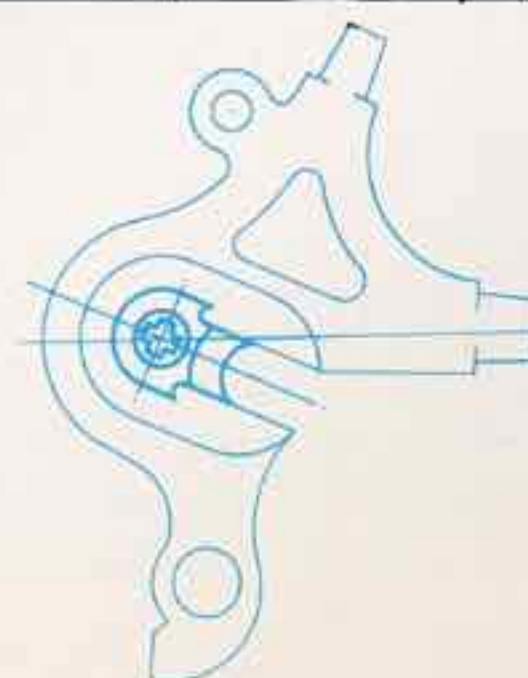
FRONT ENDS

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

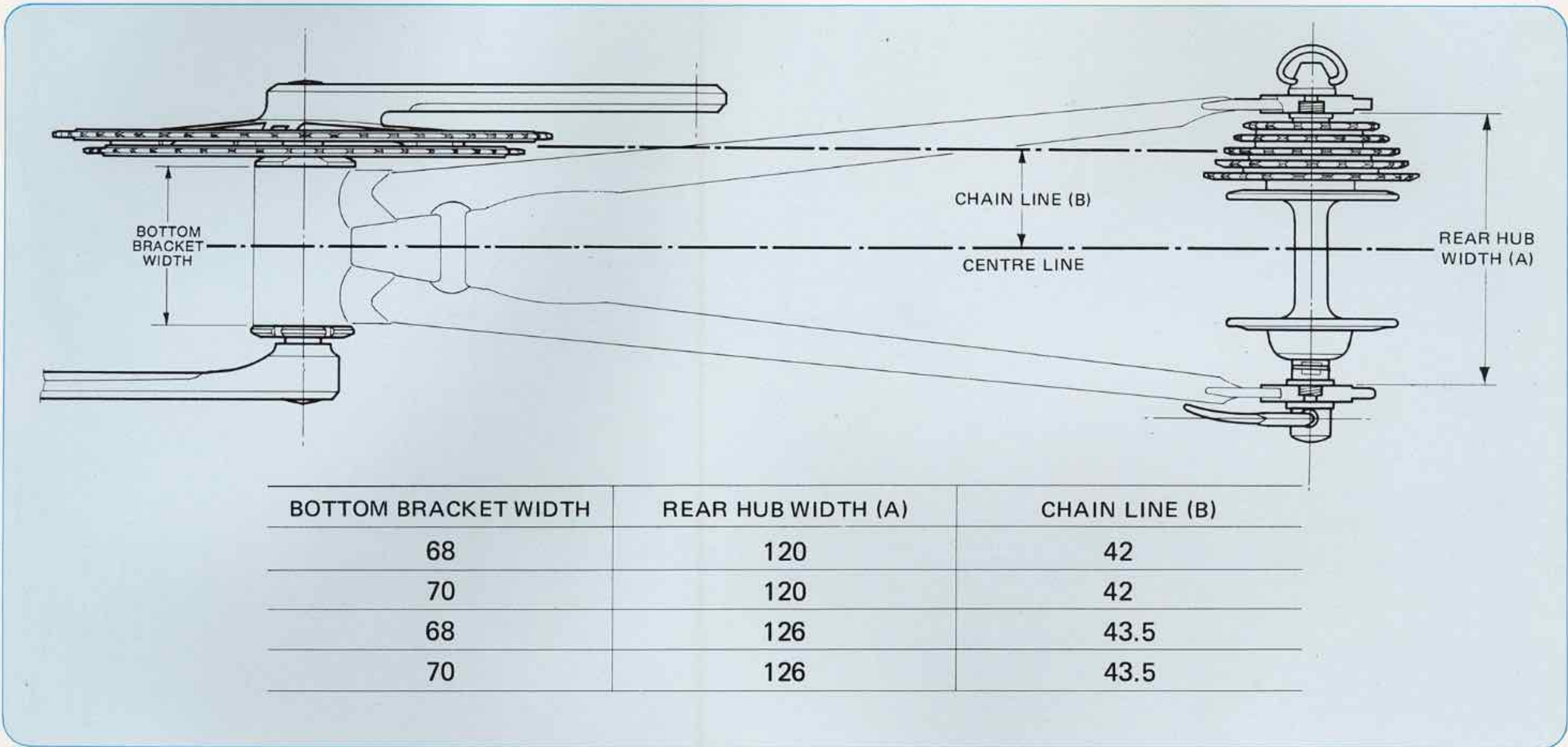


AXLE STOPPER SET

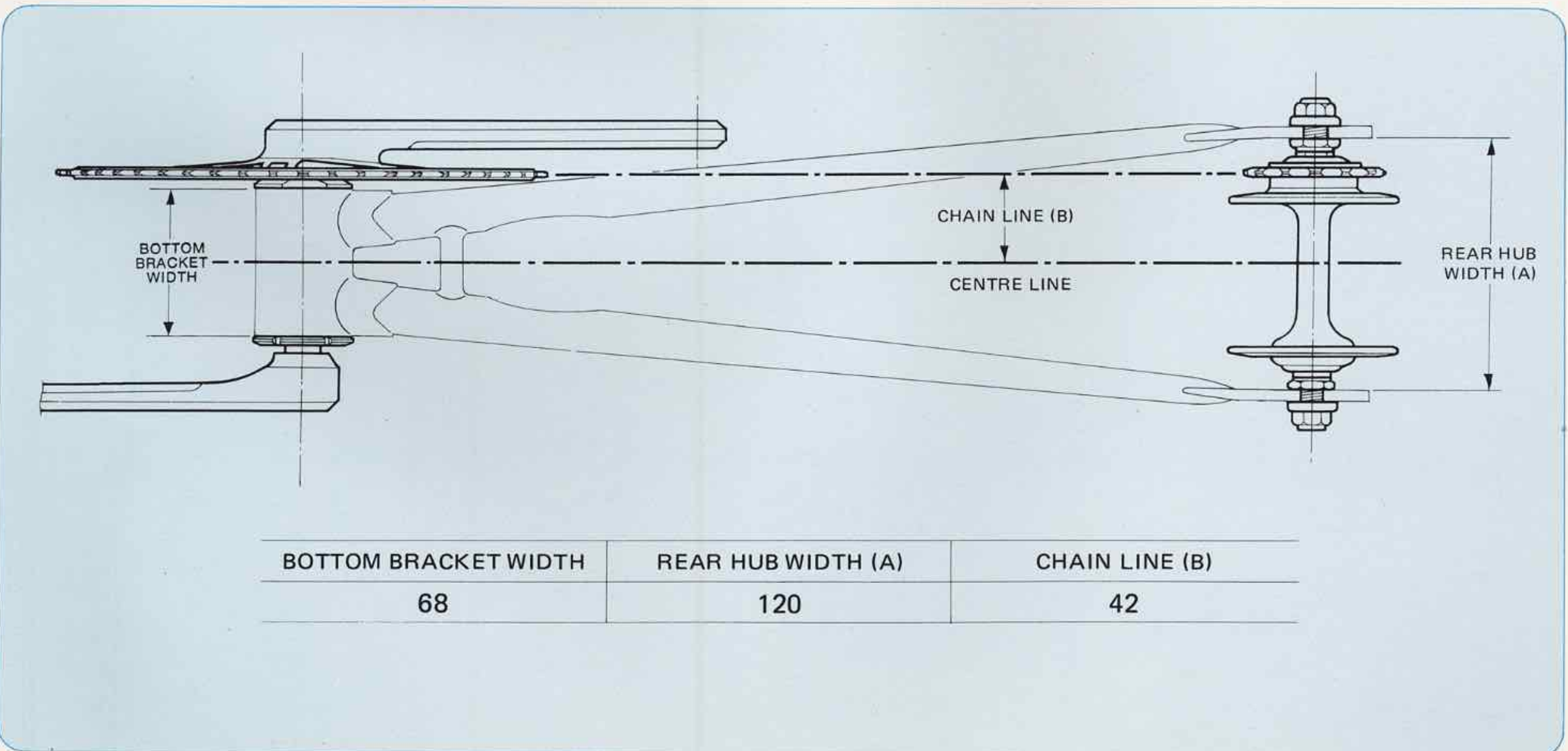


CHAIN LINES

ROAD CHAIN LINE



TRACK CHAIN LINE



GEAR TABLES

GEAR TABLE =

Number of Teeth on Chaining

Number of Teeth on Sprocket

x Diameter of Rear Wheel in Inches

For Smooth Pavement . . . 80 ~ 100

For Touring Road 60 ~ 80

For Gentle Slope 40 ~ 60

For Flat Road 75 ~ 85

For Rough Road 55 ~ 70

For Steep Ascent 30 ~ 50

FOR 27" WHEELS

Number of teeth on sprocket	Number of teeth on chaining																												
	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 chaining																												
	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	57.5	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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