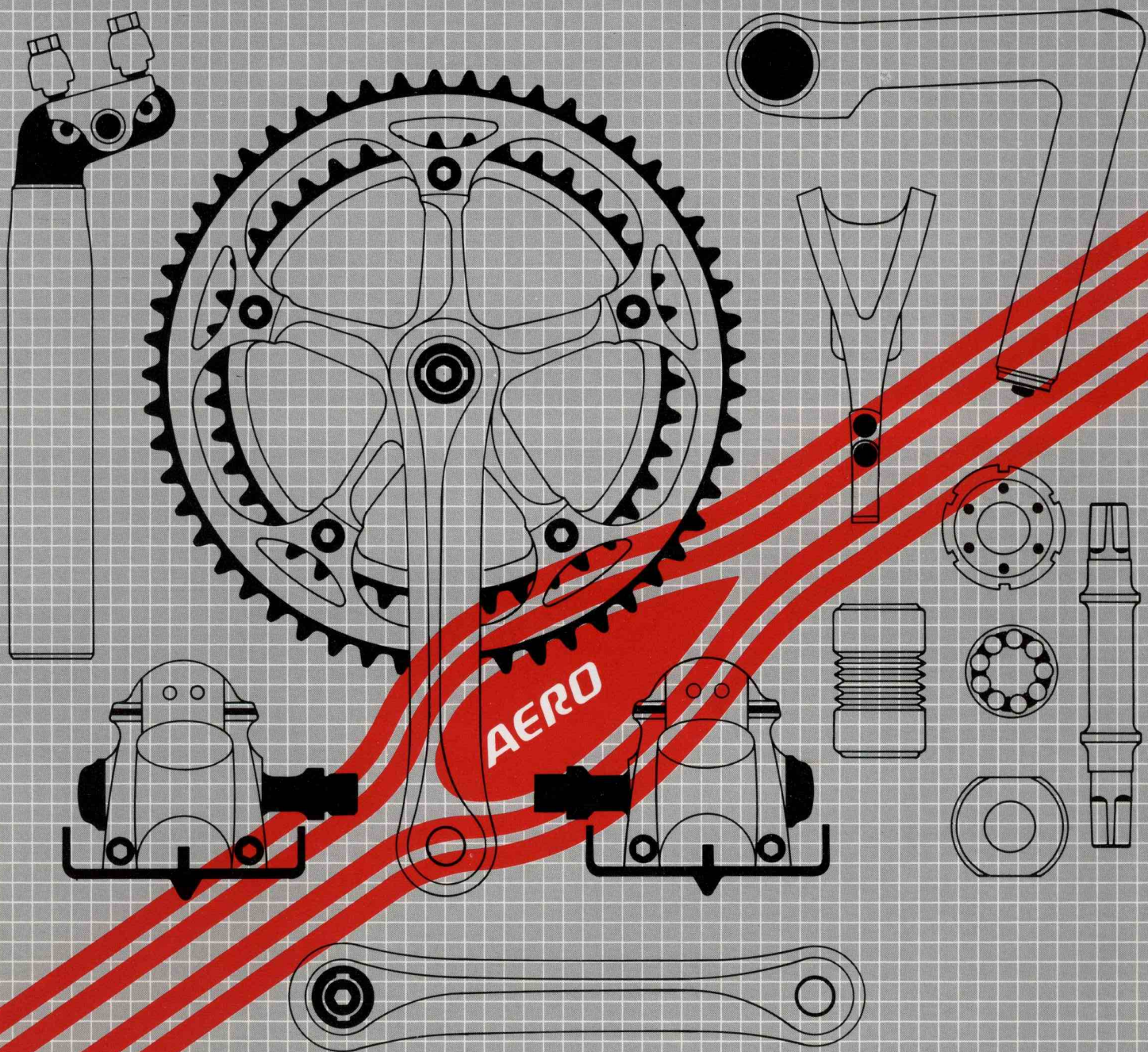


# Sugino

SUGINO AERO DYNAMICS CATALOG Vol. 53

## AERO-DYNAMICS

BICYCLE COMPONENTS



AERO

Sugino  
CYCLE PARTS

AERO DYNAMICS  
PARTS SET

# Sugino the supreme component

Aero Mighty Series



Aero Maxy Series



# with the aerodynamic design

Lighter, faster, safer and more comfortable. Everyone wants these in a bicycle, but where to find them? Again at the cutting edge of research, Sugino reconsidered the basics. Weight. Compactness. Durability. Safety. Energy Transmission and Air Resistance. And we've come up with the most beautiful harmony of durability and performance. We call it the "Micro-Lite Aero-Dynamic". Here are a few of the details.

## Features

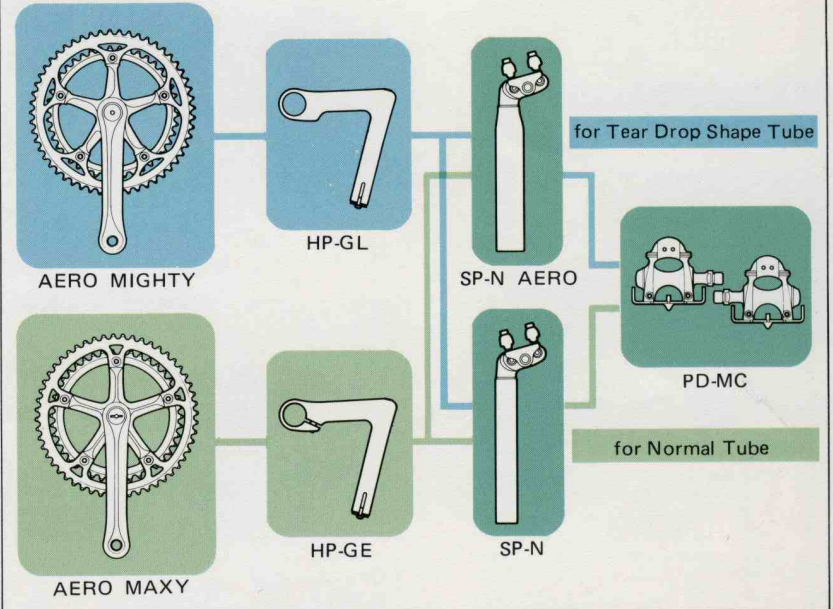
Improved weight, strength and hardness based on the latest, most complete Aero-Design.

Drastic reduction of air resistance. This force presses against the cycle and the rider, building in multiple units in accordance with speed.

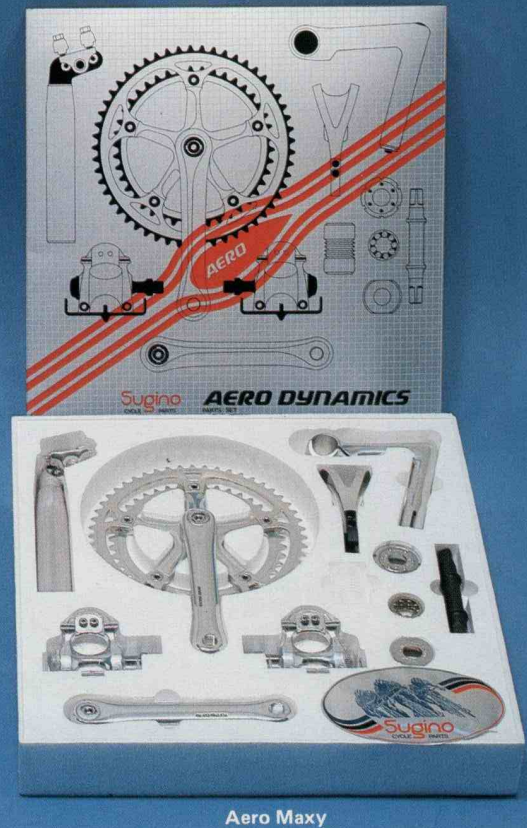
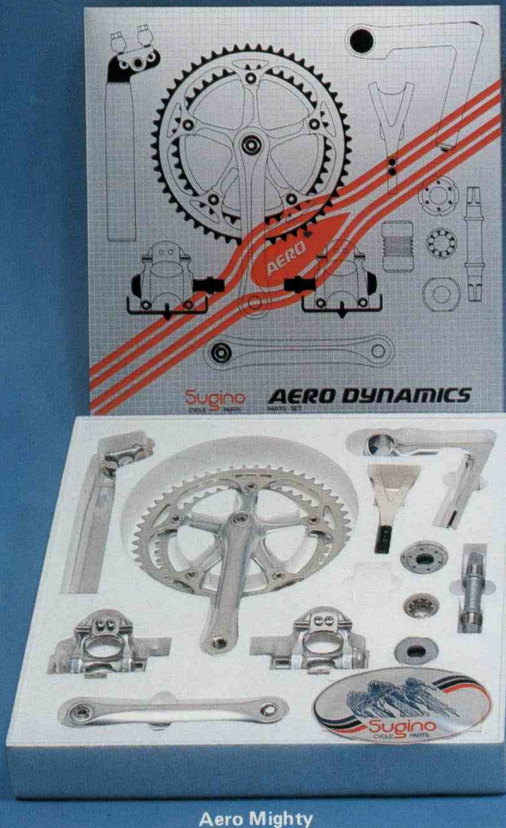
To combat this resistance, a good design should separate or cut the air, literally directing force in another direction. Our Aero Mighty and Aero Maxy series do just that with the Tear Drop Shape. Every exposed part has been treated as a potential resister and shaped for least resistance.

Moreover, the parts that don't meet the eye: construction, material selection, temperature treatment, volume and balance have been upgraded to make a lighter, stronger, harder bicycle.

## Aero Series Chart



## Aero Mighty & Aero Maxy Package Set



# AERO SERIES FEATURES AND SPECIFICATIONS

## AERO MIGHTY DAMC

Five arms and a crank have cross-sections in a tear drop shape. This shape significantly decreases turbulence encountered during rotation and front-on air resistance.

- Crank Length: 165, 167.5, 170, 172.5mm
- Chainring: 1/2" x 3/32" 42, 44, 45, 46, 48, 49, 50, 51, 52, 53T
- Weight: 610g (52 x 42 x 170 Right and Left Crank)



## AERO MAXY MJAX-2A

The Aero Maxy has made great strides towards eliminating air resistance by employing an oval shape in its five arms and a crank.

- Crank Length: 170mm
- Chainring: 1/2" x 3/32" 42, 44, 45, 46, 48, 49, 50, 51, 52, 53T
- Weight: 690g (52 x 42 x 170 Right and Left Crank)



## AERO MIGHTY PEDAL PD-MC

Like a ship's bottom, the front part of the pedal, bottom and rear plate, or those parts which meet the most air resistance when pedaling, have been designed to significantly decrease turbulence and front-on air resistance.

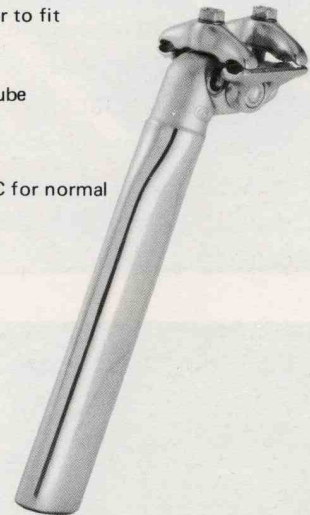
- Weight: 426 g/pr. (with toe clip)
- Toe Clip size: M, L
- Pedal Nuts: BC 9/16 20 threads, M14
- Wide adjustment allowing 6mm in length and 2mm change in width



## SP-N AERO

Tear drop shape seat pillar to fit aerodynamic tubing.

- Length: 200mm
- Suitable to Reynolds Tube
- Weight: 240g
- Suitable to Vitus Tube
- Weight: 232g
- Available SP-N and SP-C for normal tube.



## HP-GL

The direct clamp system grabs the handle bar like a vise. The handle bar clamp is patterned in the tear drop shape.

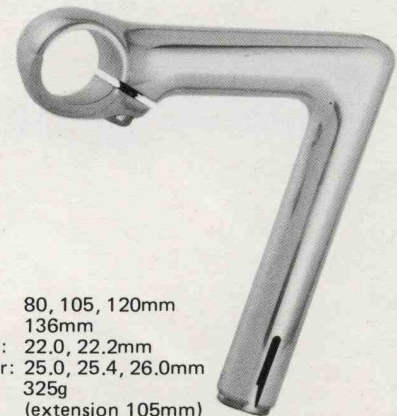
- Extension: 80, 105, 120mm
- Column Length: 136mm
- Column Diameter: 22.0, 22.2mm
- Bar Hole Diameter: 25.0, 25.4, 26.0mm
- Weight: 310g (extension 105mm)



## HP-GE

The binding torque derived from an aerodynamically placed screw and the tear drop shape clamp the handle bar while drastically reducing air resistance.

- Extension: 80, 105, 120mm
- Column Length: 136mm
- Column Diameter: 22.0, 22.2mm
- Bar Hole Diameter: 25.0, 25.4, 26.0mm
- Weight: 325g (extension 105mm)



## SUGINO CYCLE INDUSTRIES, LTD.

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Specifications are subject to change without notice.

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