ENGLISH (U)

NEW

SHIMANO600

EX

THE HIGH ENERGY CYCLING COMPONENTS

THE HIGH ENERGY CYCLING COMPONENTS

Our expectations are always changing. And so are our lifestyles as they become so much more diverse, more demanding.
Component engineering is also in a state of flux.
New creations add excitement to our lives. But only products which offer real value and a clear identity can survive.
Now, Shimano proudly introduces a bicycle component system that makes the grade. The new Shimano 600EX series.
High energy cycling components.
Durable and responsive, to handle that rush of excitement just when you need it most.
And created with traditional form, simplicity and compactness to soothe even the most critical eyes.
Get the New Shimano 600EX Series.
For High Energy Excitement

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Rear Derailleur

RD-6207 (Short Cage)



Durability assured by high-strength brass bushings and stainless steel pins.

Specifications:

- Maximum Rear Sprocket /Short Cage Type: 28T. Long Cage Type: 34T.
- Maximum Front & Rear Sprocket Difference /Short Cage Type: 28T. Long Cage Type: 34T. • 6.8 oz. (195g.) (Short Cage Type), 7.6 oz. (217g.) (Long Cage Type) • Forged Light Alloy (Bracket Body) Diecast Light Alloy · Buff Finish (Plate Body & Link), Light Alloy (Cage Plate) • Servo-Panta Mechanism, Sealed Mechanism, Twin Return Spring System, High Strength Non-ferrous Bushings in Link Pivots, Sintered Alloy in Guide Pulley.

Features:

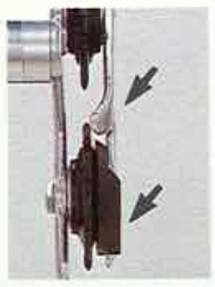
1. Sharp shifting performance
- Twin—return spring system achieves mechanical efficiency, and provides constant shifting tension from low gear to top.
- Servo Pantograph mechanism.

2. Improved durability



- High strength non-ferrous bushings, stainless steel pins and enlarged friction surfaces minimize wear.
- Sealed mechanism.
- Forged bracket.
- Sintered alloy in guide pully

3. Safety features
- Spoke barrier cage prevents biting of the spokes.

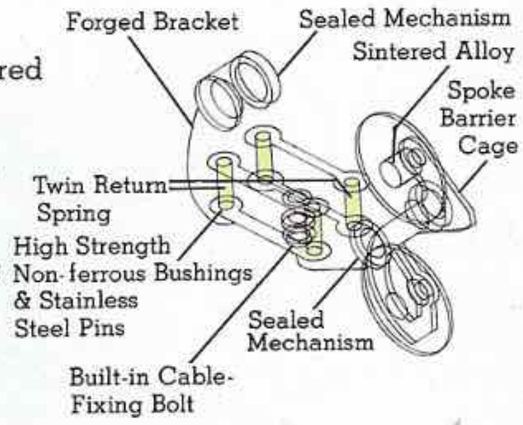


4. Easy maintenance
- Built-in cable fixing nut can be seen from the top, making adjustment quick and simple.



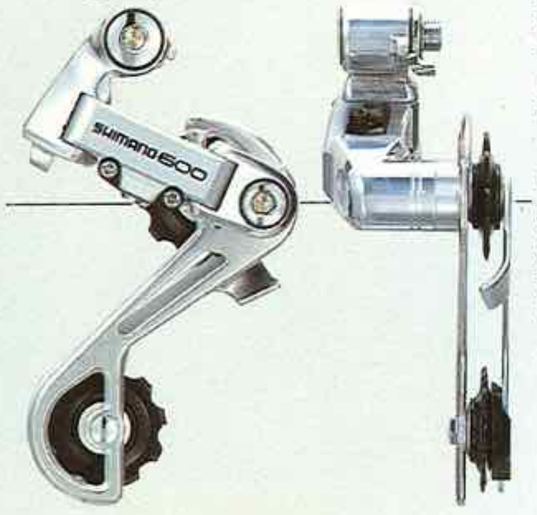
- Clip-on type cable fixing.

5. Compact design
- Flush surface design achieves a streamlined appearance.



RD-6207 GS

(Long Cage)



Front Derailleur

FD-6207

Triple gear capability—the beginning of new racing component features.

Specifications:

- Maximum: 18T. Minimum: 3T. • 3.9 oz. (110g.) • Forged Light Alloy (Right Link), Diecast Light Alloy · Buff Finish (Body), Heat Treated Steel · Chrome-Plated (Chain Guide) • Clamp Diameter: 1.1″ (28mm.) 1-1/8″ (28.6mm.) • Trap-Ease Mechanism

Features:

1. Improved shifting performance
- Chain release dish-out on the inner plate achieves smooth shifting to upper gears without slipping.
- Trap-Ease mechanism.

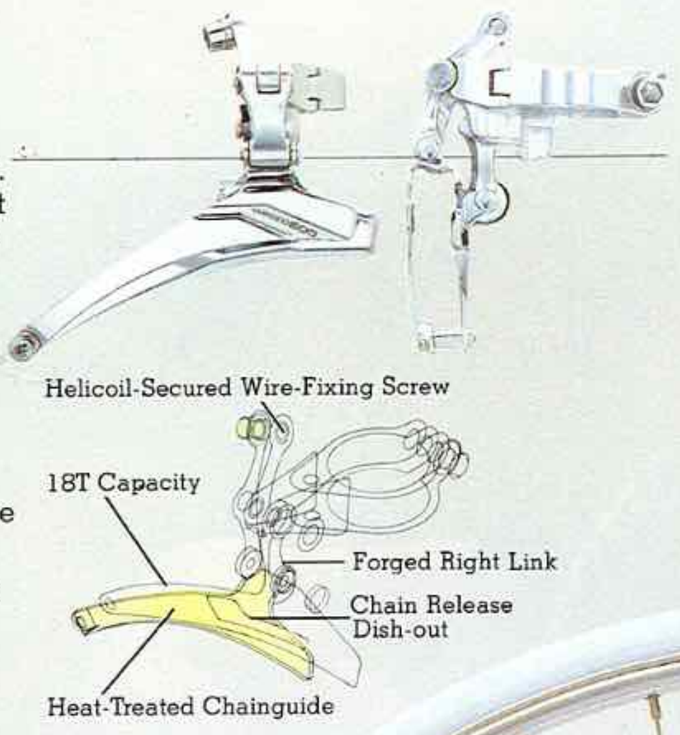
2. Triple gear capability
- 18T capacity gives more assembling flexibility.

3. Improved durability
- Forged right link.
- Hardened steel chain guide reduces chain friction and deformation.

4. Safety features
- Helicoil-insertion protects the bolt hole from stripping.



5. Simple and compact design



Shifting Lever

SL-6207

SL-6207BA (Band A Type)
SL-6207FA (Brazed-on A Type)
SL-6207BB (Band B Type)
SL-6207FB (Brazed-on B Type)
SL-6207FC (Brazed-on C Type)



Stable shifting tension with sintered alloy.

Specifications:

- SL-6207BA: 2.2 oz. (63g.)
- Diecast Light Alloy (Lever)
- Friction Type • Down Tube Lever • Lever Clamp Diameter: 1-1/8″ (28.6mm.) • Non-loosening Mechanism, Sealed Mechanism, Human Engineered Design

Features:

1. Smooth shifting
- Sintered alloy insertion: its wear resistance equals that of the spring cap to ensure a positive shifting feel and smooth operation.

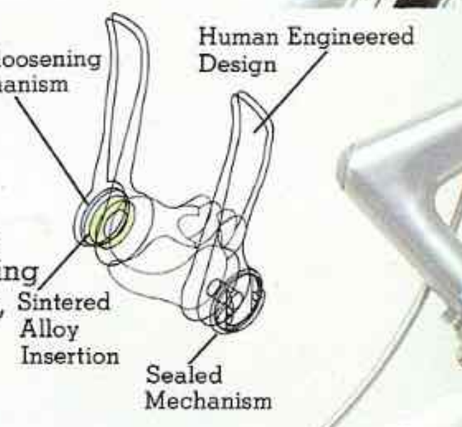
2. Stable performance
- Sealed mechanism.
- Sintered alloy always contains oil, never runs dry.



- "Non-loosening" mechanism: the cap functions as a spring, prevents the bolt from loosening.

3. Human-engineered design
- Finger-fit lever shape.





Front Chainwheel &
Bottom Bracket Assembly

FC-6207 (Double)
BB-6207 (B.B. Parts)

Researching the most efficient pedaling with computer-aided design.

Specifications:
- 23.7 oz. (672g.) (42T.-52T. 170mm.), 11.5 oz. (326g.) (B.B. set)
- Light Alloy · Anodized, Buff Finish
- For 1/2″×3/32″ Chain
- Teeth: Inner; 39T.~45T., Outer; 48T.~53T.
- Crank Lengths: 6-1/2″ (165mm.), 6-19/32″ (167.5mm.), 6-3/4″ (170mm.), 6-25/32″ (172.5mm.) 6-7/8″ (175mm.)
- Crank Thread: BC9/16″×20T.P.I., French M14×1.25
- Cup Thread: English 1.37″×24T., French 35×1.0, Italian 36×24T. (D-3L) B.B. Size: 68-W-116, 70-W-119 (D-5LL)
- Computer Aided Design (CAD), Sealed Mechanism

Features:

1. Strength
- Computer-aided design achieves strength and rigidity without waste.
- Forged, integrated construction (crank and crank arm).

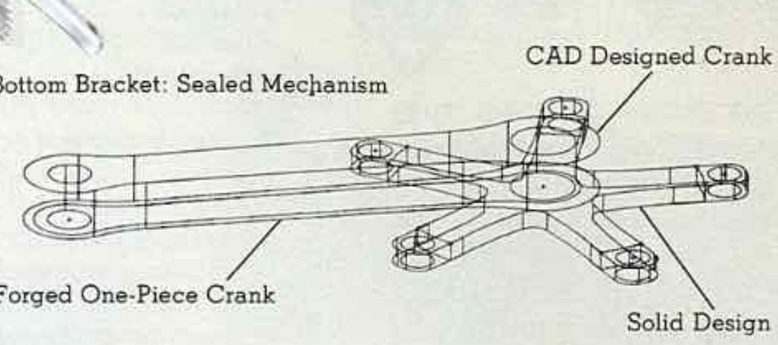
2. Solid feel
- Solid feel and dynamic look, thanks to computer-aided design.



3. Unique design
- Tone-on-tone finish enhances the sleek design.

4. Improved durability
- Sealed mechanism: seal rings are attached to the left and right cones of the bottom bracket.



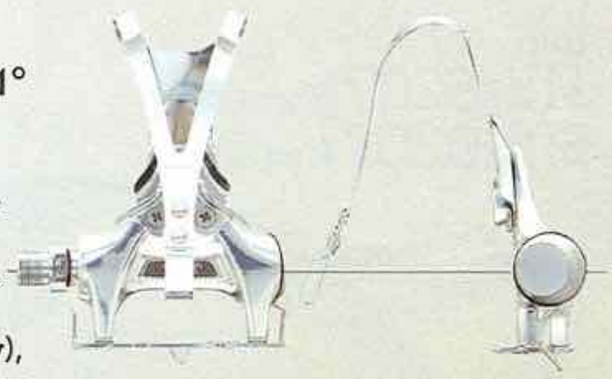


Pedal

PD-6207

Aerodynamic shape, 31° cornering angle.

Specifications:
- 15.5 oz. (440g.) Pair (Including Toe Clip Size: L)
- Cr-Mo Axle
- Light Alloy · Buff Finish (Body),
- Steel · Chrome-Plated (Toe Clip, Front & Rear Plate)
- Crank Thread: BC9/16″×20 T.P.I., French M14×1.25
- Aerodynamic Design, Sealed Mechanism



Features:

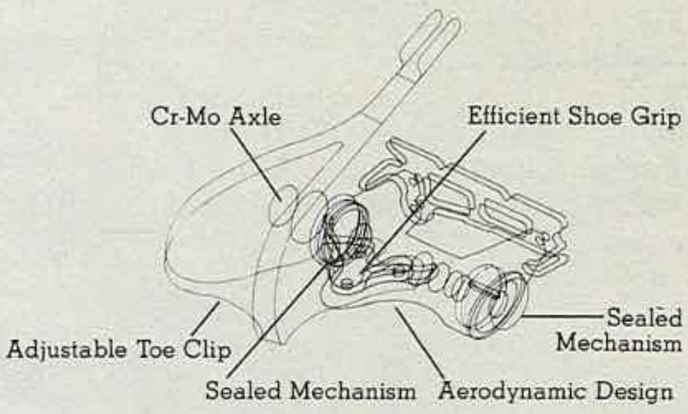
1. Sharp cornering
- Cornering angle 31°: the cornering angle with conventional sports pedals is 29.5°. This 1.5°—amplified by the rider's eye level—makes a great difference in riding feel.

2. Improved durability
- Sealed mechanism with double seal rings.
- Cr-Mo axle.

3. Efficient shoe holding
- Fan-shaped front plate.
- The clip can be adjusted fore and aft, left and right.

4. Aerodynamic shape
- The look of the DD pedal, a Shimano original, is retained to provide a streamlined shape while increasing the cornering angle.









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Brake

BR-6207-49 (Short-49 Type)
BR-6207-57 (Long-57 Type)



The shape created by a combination of CAD and human sense.

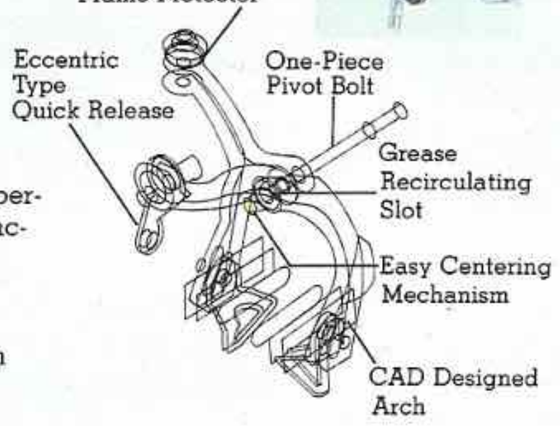
Specifications:

- 12.4 oz.(353g.)(F&R, 57 Type)
- Light Alloy·Anodized Finish
- Rear Double-Lock Side Pull Type
- With Light Alloy Tire Guide, Frame Protector & Eccentric Type Quick Release
- Computer Aided Design(CAD), Easy Centering Mechanism, New NBM Brake Shoe

Features:

1. Positive and responsive braking performance
   - The arch section is designed in a teardrop shape to opti mally distribute the stress, provide rigidity and flexibility, and make the braking performance positive and responsive.
2. Reduction of vibration noise
   - Teardrop section shape enhances rigidity.
   - Toe-in design of the shoe reduces noise.
   - New NBM brake shoe.
3. Easy maintenance
   - Easy-centering mechanism permits you to eliminate unbalanced braking problems with a 5mm hexagon wrench key.
   - Clip-on cable fixing bolt.
   - Grease recirculating slots on the arch and pivot bolt optimize lubrication, ensure smooth operation and a long service life.
4. Aerodynamic and compact design
   - The triangle shape with the mass placed around the bottom lends to the rigid feel, while achieving a simple, aerodynamic, well-balanced shape.
5. Eccentric type quick release
6. Frame protector





Brake Lever

BL-6207



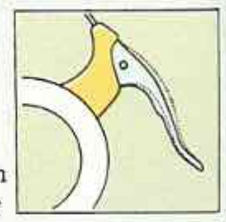
Compact, for finger-fitting operation.

Specifications:

- 7.5 oz. (213g.) Pair (Including Rubber Cover)
- Light Alloy·Anodized Finish (Lever), Diecast Light Alloy (Bracket)
- Hooded Lever with Rubber Cover
- Lever Clamp Diameter: 23.8mm.
- Drilled Out Lever
- Easy Cable Attachment Mechanism

Features:

1. Improved control
   - The lever shape is designed to be compact as seen in the figure, making operation over the bracket easy.

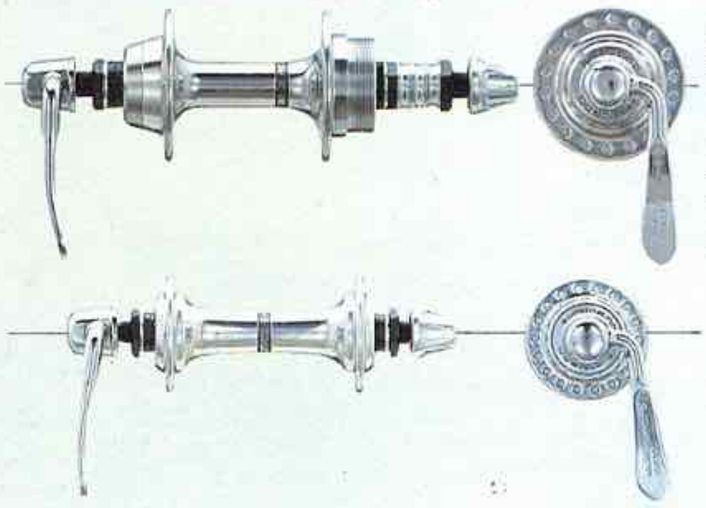


2. Hand-fitting design
   - The bracket, made of diecast light alloy, is critically contoured to the shape of the hand.
3. Easy maintenance
   - Easy fixing, with a 5mm hexagon wrench key.
   - Cable end adjustment is handled simply, by guiding the cable hanger by hand.
4. (1)Casing with liner (standard equipment)
   - Contributes greatly to positive and responsive braking by reducing inner cable friction.



Hub

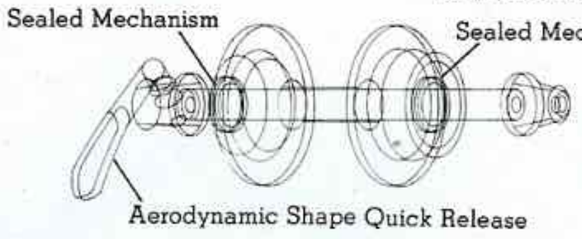
HB-6207R (Rear Hub)
HB-6207F (Front Hub)



Double seal rings, one example of superb quality.

Specifications:

- F: 7.7 oz. (219g.), R: 11.0 oz. (312g.)
- Light Alloy·Buff Finish
- Quick Release Type
- Thread: 1.37″×24T.P.I.
- Over Lock Nut Dimensions: Front; 3.94″ (100mm.) Rear; 4.69″(126mm.)
- Spoke Holes: 36H



Features:

1. Improved durability
   - Sealed mechanism with double seal rings shuts out sand and mud.
2. Smart design
   - Aerodynamically shaped quick release.
   - Tetron Mylar lends a mechanical feel.



Multiple Freewheel

MF-6207-5 (5-speed)
MF-6207-6 (6-speed)



Features:

1. Improved quality
   - Smoother rotation: the polished outer bearing race, and extended rachets assure smoother freewheeling.
2. Smart design



- The 6-speed type is equipped with a dust cap, exhibiting top mechanical sophistication.

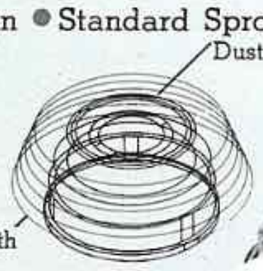
Shimano's design policy applied to small parts.

Specifications

- 13 oz.(368g.)(5-speed)(13—21T.), 15 oz. (425g.) (6-speed) (13—23T.)
- Black Finish Sprocket or Silver Finish
- For 1/2″×3/32″ Chain
- Standard Sprocket

Combinations:

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



Head Parts

HP-6207

Housing-synchronized sealing, a confident durability.

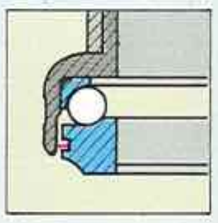
Specifications:

- 5.2 oz.(150g.)
- Light Alloy·Anodized Finish (Cup & Nut), Steel-Chromium Finish (Cone)
- Road Type
- Sealed Mechanism

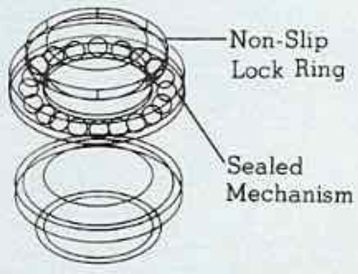


Features:

1. Improved durability
   - Sealed mechanism: the housing incorporates a unique seal ring.



2. Compact, functional design
   - Tetron Mylar lends a light mechanical appearance.



NEW SHIMANO600 EX

THE HIGH ENERGY CYCLING COMPONENTS

SHIMANO

105

Rear Derailleur

RD-A105 (Short Cage)
RD-A105 GS
(Long Cage)

Specifications:

● Front Difference: 13T. or less (Short Cage)/20T. or less (Long Cage), Rear Largest Sprocket: 28T. or less (Short Cage)/34T. or less (Long Cage), Total of Front & Rear Sprocket Difference: 28T. or less (Short Cage)/34T. or less (Long Cage) ● 8.2 oz. (233g./Short Cage), 8.6 oz. (243g./Long Cage) ● Light Alloy · Pearl Bright Finish ● Servo-Panta Mechanism, Hatch-Plate Mechanism (Short Cage), Golden Arrow Pattern, Sealdbush Mechanism, Double Spoke Barrier Mechanism (Long Cage)

Shifting Lever

SL-A105

SL-A105BA (Band A Type)
SL-A105FA (Brazed-on A Type)
SL-A105BB (Band B Type)
SL-A105FB (Brazed-on B Type)
SL-A105FC (Brazed-on A Type)

Specifications:

● SL-A105BA: 2.2 oz. (63g.), SL-A105FA: 1.9 oz. (53g.), SL-A105BB: 3.0 oz. (85g.), SL-A105FB: 2.6 oz. (73g.) ● Light Alloy · Pearl Bright Finish ● Friction Type ● Down Tube Lever ● Lever Clamp Diameter: 1-1/8″ ● Lever Non-loosening Mechanism, Golden Arrow Pattern, Human Engineered Design

Front Derailleur

FD-A105 (Double)
FD-T105 (Triple)

Specifications:

● 14T. or less (Double), 20T. or less (Triple) ● 4.1 oz. (115g./Double), 4.0 oz (113g./Triple) ● Light Alloy & Steel · Pearl Bright Finish ● Lower Inlet Type 1-1/8″ (28.6mm.) ● Trap-Ease Mechanism, Indent Guide Mechanism, Golden Arrow Pattern



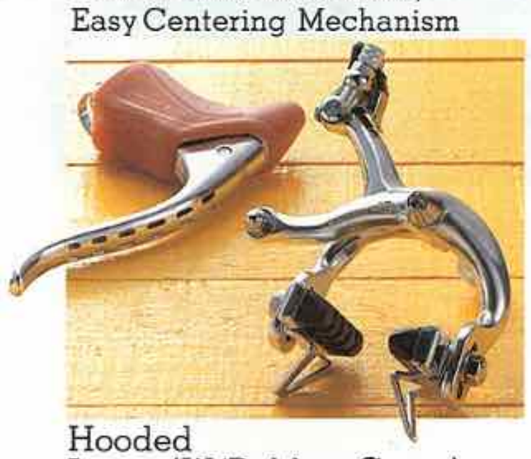


Caliper Brake

BR-Z575-105 (Short-57 Type)
BR-Z645-105 (Long-64 Type)

Specifications:

● 11.9 oz. (338g.) (F&R, 64 Type) ● Light Alloy · Anodized Finish ● Size: 43mm.~57mm. (57 Type), 49mm.~64mm. (64 Type) ● Side Pull Type with Quick Release and Tire Guide ● Golden Arrow Pattern, Easy Centering Mechanism



Hooded Lever (W/Rubber Cover)

BL-Z306-105

Specifications:

● 7.0 oz. (198g.) Pair ● Light Alloy ● Lever Clamp Diameter: 23.8mm.



Front Chainwheel

FC-S125 (2-piece Type)
BB-3P11 (B.B. Parts, 119mm. Spindle)
FC-S105
BB-3L11 (B.B. Parts, 116mm. Spindle)

Specifications:

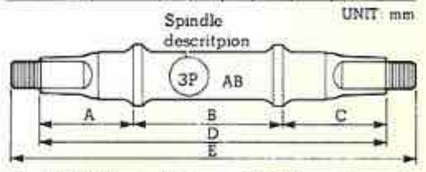
● FC-S125: 21.8 oz. (618g.), BB-3P11: 11.1 oz. (314g.) ● Light Alloy · Anodized Finish ● Cotterless Type ● For 1/2″ ×3/32″ Chain ● Teeth: FC-S125; 42T.—52T., FC-S105; 42T.—52T. ● Crank Lengths: FC-S125; 6-15/32″ (165mm.), 6-3/4″ (170mm.), FC-S105; 6-3/4″ (170mm.) ● Crank Thread: BC9/16″×20 T.P.I. ● Cup Thread English 1.37″×24T., French 35×P1.0 Italian 36×24T. ● Cold Forged Crank, Golden Arrow Pattern

•Bottom bracket spindles are available depending on the hanger width and type of gear.

Front chainwheel Model No.	Bottom bracket length	A	B	C	D	E	Description
FC-S105	68	32	52	32	116	137	3L (BB-3L11)
	70	32	55	32	119	140	5LL (BB-5LL1)
FC-S125	68	32	52	35	119	140	3P (BB-3P11)
	70	32	55	35	122	143	5N (BB-5N11)

UNIT: mm

Spindle descritpion



•Axel & B.B. Parts of Shimano 600 EX can be used with 105 Front Chain wheel.

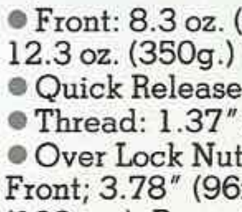
Small Flange Hub

HB-R105 (Rear Hub for 6-speed)
HB-F105 (Front Hub)

Specifications:

● Front: 8.3 oz. (235g.), Rear: 12.3 oz. (350g.) ● Light Alloy ● Quick Release Type ● Thread: 1.37″×24 T.P.I. ● Over Lock Nut Dimensions: Front; 3.78″ (96mm.), 3.94″ (100mm), Rear; 4.96″ (126mm.) ● Spoke Holes: 36H ● Cold Forged





Multiple Freewheel

MF-6160 (Black/6-speed)
MF-6161 (Silver/6-speed)

Head Parts

HP-A105

Specifications:

● 5.5 oz. (155g.) ● Light Alloy · Anodized Finish, Bearing Steel ● Road Type ● Cup thread: JIS BC1″×24 T.P.I., French M25×P1.0





DURA-ACE EX
ROAD MODEL

The Road Racing Components
Professionals Choose



DURA-ACE 10
TRACK MODEL

The Revolutionary Design that
Has Changed The World Of
Track Racing.....10mm. Pitch Series



DEORE XT
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Built To Withstand The
Demands Of Off Road Riding
And The Rigors Of Touring



SHIMANO SYSTEM COMPONENT

SHIMANO

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1083 FC/40M Printed in Japan XBC IZM