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PEDALS

new concept
new design
long life
light weigh

Special aluminium alloy body.
Very long resistance.
High precision bearing for a soft movement.
Needles on crank side.
Balls on external side.
Polyethylene cups for waterproof.
Oil cup on external side.
Hard treated cage in light alloy.
Fixed with Allen screw.

Get up: natural or hard anodisation (brown)
Weigh: road: about 300 grammes
        track: about 220 grammes

4690 Road pair pedal  (thread axle Ø 9/16 x 20 F)
                  (thread axle Ø 14 x 125)
P 4690 Track pair pedal (thread axle Ø 9/16 x 20 F)
                           (thread axle Ø 14 x 125)

to order tell us: thread Ø 9/16 x 20 F or Ø 14 x 125
get up (hard anodised or silver)

without special request
we deliver:
thread Ø 9/16 x 20 F, hard anodised.

PAGE 2
NEW!

ON REQUEST: The pedal cages may be delivered in BLACK CHROMED STEEL.

690 Road pedal cages with bolts.
P 690 Track pedal cages with bolts.
136/3 Allen key 3 mm (see tools).

To order tell us: get up (hard anodised or silver)

Without special request we deliver:
hard anodised.
Ultra light head set.
High quality manufacture.
Light alloy parts with
cup in hard treated steel.
High quality balls (Ø 4.76)
Get up: black or silver.
Weigh: about 110 grammes with balls.

to order tell us: thread (Ø 1" x 24 F or Ø 25 x 1).
got up (black or silver).

without special request
we deliver:
thread Ø 1" x 24 F, silver anodised.

391 Cone fork.
392 Lower frame cup.
393 Upper frame cup.
394 Adjusting cup: (thread Ø 1" x 24 F).
395 740/4.76 Special balls for head set.
396 Adjusting cup: (thread Ø 25 x 1).
397 Stop washer.
398 Look ring: (thread Ø 1" x 24 F).
399 Adjusting cup: (thread Ø 25 x 1).
AXLES AND CUPS FOR CRANKSET

without special request we deliver:
axle length 114.5 mm, cup thread Ø 1" 370 x 24 F.

Crankset axle.
709 Cup set.
710 Stationary cup.
720 Adjusting cup.
730 Lock ring.
37 Screws and washers to fix cranks on axle.
12 Waterproof plastic box to protect the bearing.
740/635 Special balls for crankset.

see above for thread and length

to order tell us: axle: length (111.5 or 114.5 or 118 or 121.5).
cups: thread (Ø 1" 370 x 24 F or Ø 36 x 24 F or Ø 35 x 1).
Professional 3 Pins

Chainwheels: from 36 to 68 teeth (even and uneven)

Crankset lengths in mm:
- 150 - 155
- 160 - 162.5
- 164 - 167.5
- 170 - 172.5
- 175 - 177.5
- 180 - 185

1693 Professional cottorless 3 pins crankset including right and left cranks, BB axle and cups.

1693/1 Same as above, type professional, with one chainwheel, chain 1/2 x 3/32 (2.38) or 1" x 16 (3.17).

1693/2 Same as 1693, type professional, with double chainwheels, chain 1/2 x 3/32 (2.38)

1693/3 Same as 1693, type professional, with triple chainwheels, chain 1/2 x 3/32 (2.38)

to order tell us

Crankset: length (from 150 to 185 mm).
- Thread (Ø 9/16 x 20 F or Ø 14 x 125)
- Axle: length (111.5 or 114.5 or 118 or 121.5).
- Cups: thread (Ø 1" 370 x 24 F or Ø 36 x 24 F or Ø 35 x 1)

Chainwheels: number of teeth from 36 to 68 (even and uneven).
PROFESSIONAL 3 PINS

Axle for crankset.
Stationary cup.
Adjusting cup.
Lockring.
Crank fixing screw.
Washer for screw.

83 Bolts for three chainwheels.
43 Bolts for two chainwheels.
P23 Bolts for track.
137 Washer for pedal.
31 Dust cap for crank.
263 Inside chainwheel for road chain 1/2 x 3/32 (2.38).
243 Outside chainwheel for road chain 1/2 x 3/32 (2.38).
625 AN Left crank (with dust cap and pedal washer).
513 Right crank (with dust cap and pedal washer).

83 to order tell us: crank thread (Ø 9'16 x 20 F or Ø 14 x 125).

31 see specifications page 5

525 AN Snedled model
PROFESSIONAL 5 PINS

Chainwheels: from 43 to 68 teeth (even and uneven)

Cranks:
- Length in mm:
  - 180 - 155 - 160 - 162.5
  - 165 - 167.5 - 170 - 172.5
  - 175 - 177.5 - 160 - 185

Anodised model on request

Available for road or track.

1690  Professional cotterless 5 pins crankset including right and left cranks, BB axle and cups.
1690/2 Same as 1690, type criterium, with double chainwheels, chain 1/2 x 3/32 (2.38).
1690/3 Same as 1690, type criterium, with triple chainwheels, chain 1/2 x 3/32 (2.38).
2205  Double chainwheels 5 pins, type criterium, chain 1/2 x 3/32 (2.38) from 43 to 68 teeth (even and uneven).
3205  Triple chainwheels 5 pins, type criterium, chain 1/2 x 3/32 (2.38) from 43 to 68 teeth (even and uneven).
2203  Double chainwheels 3 pins, type criterium, chain 1/2 x 3/32 (2.38) from 43 to 68 teeth (even and uneven).
3208  Triple chainwheels 3 pins, type criterium, chain 1/2 x 3/32 (2.38) from 43 to 68 teeth (even and uneven).

To order:
- Cranks: length (from 150 to 185 mm).
- Thread (Ø 9/16 x 20 F or Ø 14 x 125).
- Axle: length (111.5 or 114.5 or 118 or 121.5).
- Cups: thread (Ø 11 x 370 x 24 F or Ø 38 x 24 F or Ø 35 x 1).
- Chainwheels: number of teeth from 43 to 68 (even and uneven).
CRITERIUM model

Axle for crankset.
Stationary cup.
Adjusting cup.
Lookring.
Crank fixing screw.
Washer for screw.

see specifications
page 5

anodised model on request

to order tell us: crank thread (Ø 9/16 x 20 F or Ø 14 x 125).
get up chainwheels and cranks (polished or silver).
chainwheels: from 29 to 68 teeth (even and uneven).
cranks: length in mm: 150 - 155 - 160 - 162.5 - 165 - 170.5 - 170 - 172.5 - 175 - 177.5 - 180 - 185 -

anodised model on request

available for road or track

to order

cranks: length (from 150 to 185 mm)
thread (Ø 11/32 x 20 F or Ø 14 x 125).
cranks: length (111.5 or 114.5 or 119 or 121.5).
cups: thread (Ø 1"370 x 24 F or Ø 36 x 24 F or Ø 35 x 1).
chainwheels: number of teeth from 26 to 68 (even and uneven).
CYCLOTOURIST model

see specifications page 5

615 Right crank (with dust cap and pedal washer).
625 Left crank (with dust cap and pedal washer).
CV 205 Chainwheel 5 pins, type cyclotourist for road, chain 1/2 x 3/32 (2.38).
208 Outer chainwheel, type cyclotourist chain 1/2 x 3/32 (2.38).
31 Dust cap for crank.
137 Washer for pedal.
64 Bolts for double chainwheels.
86 Bolts for triple chainwheels.
25 Bolts to fix chainwheels on crank.

Axle for crankset.
Stationary cup.
Adjusting cup.
Lockring.
Crank fixing screw.
Washer for screw.

to order tell us: crank thread (Ø 9/16 x 20 F or Ø 14 x 125).
get up chainwheels and cranks (polished or silver).
chainwheels: from 43 to 68 teeth (even and uneven)
crankset: length in mm: 150 - 155 - 160 - 162.5 -
165 - 167.5 - 170 - 172.5 -
175 - 177.5 - 180 - 185

available for road or track

1690 Professional cotterless 5 pins crankset including right and left cranks, BBS axle and cups.
(see specifications page 8).
1693 Professional cotterless 3 pins crankset including right and left cranks, BBS axle and cups.
(see specifications page 8).
1690/2175 Professional cotterless crankset 5 pins complete, with adaptor and double chainwheels
chain 1/2 x 3/32 (2.38).
1690/3175 Professional cotterless crankset 5 pins complete, with adaptor and triple chainwheels,
chain 1/2 x 3/32 (2.38).
1690/2173 Professional cotterless crankset 3 pins complete, with adaptor and double chainwheels,
chain 1/2 x 1/32 (2.38).
1690/3173 Professional cotterless crankset 3 pins complete, with adaptor and triple chainwheels,
chain 1/2 x 3/32 (2.38).
2175 Double chainwheels 5 pins on adaptor,
type professional, chain 1/2 x 3/32 (2.38),
from 43 to 68 teeth (even and uneven).
3175 Triple chainwheels 5 pins on adaptor,
type professional, chain 1/2 x 3/32 (2.38),
from 43 to 68 teeth (even and uneven).
2173 Double chainwheels 3 pins on adaptor,
type professional, chain 1/2 x 3/32 (2.38),
from 43 to 68 teeth (even and uneven).
3173 Triple chainwheels 3 pins on adaptor,
type professional, chain 1/2 x 3/32 (2.38),
from 43 to 68 teeth (even and uneven).

to order

tell us

1690

1693

2175

2173

3175

3173

1/2 x 3/32 (2.38)
1/2 x 1/32 (2.38)
1/2 x 3/32 (2.38)

length (from 150 to 185 mm)
thread (Ø 9/16 x 20 F or Ø 14 x 128).

axle length (11.5 or 114.5 or 118 or 121.5).
cups thread (Ø 1"370 x 24 F or Ø 36 x 24 F or Ø 35 x 1).
Axle for crankset
Stationary cup
Adjusting cup
Lockring
Crank fixing screw
Washer for screw.

515 Right crank (with dust cap and pedal washer).
625 Left crank (with dust cap and pedal washer).
104 Outside chainwheel, type professional, for road, chain 1/2 x 3/32 (2,38).
106 Inside chainwheel, type professional, for road, chain 1/2 x 3/32 (2,38).
175 Adaptor 5 pins for road.
173 Adaptor 3 pins for road.
31 Dust cap for crank.
137 Washer for pedal.
82 Bolts for double chainwheels.
84 Bolts for triple chainwheels.
25 Bolts to fix chainwheels on crank.

to order tell us: cranks thread (Ø 9/16 x 20 F or Ø 14 x 125)
P 205 Chainwheel 5 pins for track. chain 1/2 x 3/32 (2.38) or 1" x 1/8 (3.17), from 26 to 68 teeth.
P 203 Chainwheel 3 pins for track. chain 1/2 x 3/32 (2.38) or 1" x 1/8 (3.17), from 36 to 68 teeth.
P 1755 Chainwheel on adaptor 6 pins for track. chain 1/2 x 3/32 (2.38) or 1" x 1/8 (3.17), from 43 to 68 teeth.
P 175 Adaptor 5 pins for track.
P 209 Chainwheel adaptor for track. chain 1/2 x 3/32 (2.38) or 1" x 1/8 (3.17), from 43 to 68 teeth.
P 75 Bolts adaptor for track.
P 1205 Chainwheel cyclo cross, type professional, 5 pins, fixed with chain guard, chain 1/2 x 3/32 (2.38) from 43 to 52 teeth.
TANDEM CRANKSETS

available only in 5 pins professional cranksets

**chainwheels:** from 26 to 68 teeth (even and uneven).

**cranks:** length 165 and 170.

**stronger chainwheels special for tandem.**
chain 1/2 x 3/32 (2.38), from 42 teeth.

Type 1

- Right crank with left thread and transmission chainwheel.
- Left crank with right thread.
- Right crank with double or triple chainwheels.
- Type 1

available for road or track.

Type 2

- Right crank with transmission chainwheel.
- Left crank.
- Right crank with double or triple chainwheels and transmission chainwheel.
- Type 2

**tandem cranksets:** type 1 or type 2.
**cranks:** length (165 and 170 mm),
thread (Ø 9/16 x 20 F or Ø 14 x 125).
**cupa:** thread (Ø 1"370 x 24 F or Ø 36 x 24 F or Ø 35 x 1).
**chainwheels:** double or triple, number of teeth
from 26 to 68 (even and uneven).
new

BAG FOR TYRE

273

to put the bag on the bottle cage, unput the plastic cap.

figure 1

rational

light
elegant

work

273

Packing: 10

273
Bag for tyre, to put behind the saddle or into the bottle cage.

figure 2

PAGE 16
270 Front bag carrier in steel for MAFAC brakes, type competition.
270 PL Front bag carrier, same model as above with light support.
271 Training bag to be fitted on front carrier or handlebar.
272 Bag for the handlebar, beautiful finish, transparent card case, pockets on all side.
Get up: waterproof linen or nylon.
BOTTLE-CAGE FOR FRAME AND HANDLEBAR STEEL

without special request we deliver:
fix on the frame: with collars.

215 Bottle-cage, professional model, in steel to fix on the frame, height with collars.
215 AB Bottle-cage, same as 215 but with brazed on terminals.
215 NU Bottle-cage, same as 215 without collars, and without brazed on terminals.
15 Set of collars for bottle-cage professional model.
213 Handlebar bottle-cage, professional model, to fix with collars.
13 Set of collars for handlebar bottle-cage, professional model.
on many racer teams:

GITANE
MERCIER
PEUGEOT
LEJEUNE
TI-RALEIGH
FIAT
ect...

56

56 CE

56 V

Packing: 10

Bottle-cage, model "Plum" in aluminium, to fix on the frame with collars.

417
Bottle-cage, same as 417 but with brazed on terminals.

417 AB
Bottle-cage, same as 417 but without collars, and without brazed on terminals.

17
Set of collars for bottle-cage model "plum".

56
Set of brazed on terminals.

56 CE
Chimney and star.

56 V
Chromed screw.

Becquet for bottle-cage white, black or golden.

without special request we deliver:

fix on the frame: with collars.
get up: silver.

to order tell us: get up (black or silver).
385 Special export set, including the bottle and the cage, criterium model.
216 Bottle-cage, criterium model, made in steel for fixing on the frame, with collar.
16 Steel collar to fix the cage on the frame.
197 Bottle white, criterium model, without impress with cap, capacity 60 cl.
20 Cap, criterium model.
BOTTLES AND HIP-FLASKS

200: Professional model bottle, with two colour impress and breveted cap, capacity 60 cl.
202: Tour de France bottle, with two colour impress and breveted cap, capacity 65 cl.
147: Isol bottle, keep warm or cool, with breveted cap, capacity 50 cl.
177: Protection for bottle, model "special Tour de France" keep warm or cool, design.
300: Hip-Flask of 30 cl.
150: Hip-flask of 15 cl.
21: Breveted cap.
20: Cap criterion
03: Cork for hip-flask of 300.
05: Cork for hip-flask of 150.

Packing: 10

Official supplier of "Tour de France"
36  Shoe - plate, model criterium, treated light alloy delivered with hobnails.

Packing: 25 pairs

38  Shoe - plate, model Anquetil road, small plate in light alloy protected by a steel stiffener, fitted by copper rivets, delivered with hobnails.

Packing: 25 pairs

39  Shoe - plate, model Anquetil track, small plate in light alloy protected by a steel stiffener, fitted by copper rivets, delivered with hobnails.

Packing: 25 pairs

40  Shoe - plate, model leather, first quality leather small plate, steel support, delivered with hobnails.

Packing: 20 pairs

41  Shoe - plate, model cross, treated light alloy, delivered with 4 tacks and hobnails.

Packing: 20 pairs

27  Tacks only for shoe - plate.

27  Shoes - plate, model calrouge, adjustable, curved, ultra light, plastic material, delivered with hobnails.

Packing: 20 pairs
368 Seat bolts with cable guide.

365 Seat bolts in chromed steel.

32 Guid'geins identity.
114 250 grammes special grease tube.
251 Grease pump special pedals.
740/6.35 Precision balls Ø6.35, special for crankset, in box of 22 balls.
740/4.76 Precision balls Ø4.76, special for head sets, in box of 42 balls.
740/3.96 Precision balls Ø3.96, special for head sets, in box of 48 balls.
1800 Complete tool-kit.
277 tool-kit only.
24 Special key for 5 pins chainwheel bolts and collars for bottle-cage.
113 Special screwdriver to assembly chainwheels on the crank arm 3 pins.
115 Screwdriver to assembly 5 pins chainwheels together.
130 Special key to block the lock-ring on the frame box.
132 Special key to block the stationary cup on the frame box.

133 Special key to fit the adjusting cup.
33 Spur for key 133.
134 Special key to fit the crank on the axle with the screw 37 or to unfit it with the extractor 138.
136/3 Allen key 3 mm.
136/4 Allen key 4 mm.
136/5 Allen key 5 mm.
136/6 Allen key 6 mm.
136/7 Allen key 7 mm.
138 Extractor to unfit the crank.
T.A. LIVRE VITE !

T.A.

propose de vous livrer encore plus vite en indiquant les numéros de références sur vos commandes