SAKAE BICYCLE PARTS

CATALOG No. P-5

SAKAE RINGYO CO.,LTD.

CHAINWHEELS

ROYAL CHAINWHEELS

Forged Super Duralumin Cotterless cranks and Cold Rolled Super Duralumin chainrings.
Crank and arm are forged into one piece.
Anodized finish. Top class racing model. Interchangeable with CAMPAGNOLO chainrings.


RY-5ESL

Model RY-5ESL
ROYAL-5 EXTRA SUPER LIGHT

Extra machinings are perfomed individually to maintain super extra light weight.
Bolts are made of Titanium to minimize the weight.
Crank: Length 165mm(6½") or 170mm(6¾")
Thread BC⅝"×20T or M14×P1.25
Chainring: Size ½"×⅜"(12mm)
Teeth 42 to 54T
(standard teeth 52T×42T)
Weight: 545g(19.1 oz)


RY-5

Model RY-5
ROYAL-5

Crank: Length 165mm(6½") or 170mm(6¾")
Thread BC⅝"×20T or M14×P1.25
Chainring: Size ½"×⅜"(12mm)
Teeth 42 to 54T
(standard teeth 52T×42T)
Weight: Crank set 625g(21.9 oz)
Bottom bracket set
300g(10.5 oz)
Available with light alloy chainguard if requested.
Model No. CG-101.


RY-S5

Model RY-S5
ROYAL-SINGLE 5

Track racing model.
Crank: Length 165mm(6½") or 170mm(6¾")
Thread BC⅝"×20T or M14×P1.25
Chainring: Size ½"×⅜"(12mm) or ⅛"(3mm)
Teeth 42 to 54T
Weight: Crank set (48T) 535g(18.7 oz)

SUPER APEX CHAINWHEELS

One piece forged Super Duralumin Cotterless cranks and arm. Cold Rolled Super Duralumin Chainrings. Anodized finish.


SAX-5LA-EL

Model SAX-5LA-EL
SUPER APEX-5LA-EL

Crank: Length 165mm(6½") or 170mm(6¾")
Thread BC⅝"×20T or M14×P1.25
Chainring: Size ½"×⅜"(12mm)
Teeth 42 to 54T
(standard teeth 52T×42T)
Interchangeable with SAKAE RY-5 or CAMPAGNOLO.
Weight: Crank set 585g(20.6 oz)
Available with light alloy chainguard if requested.
Model No. CG-101


SAX-5RG

Model SAX-5RG
SUPER APEX-5 RACING

Crank: Length 170mm(6¾")
Thread BC⅝"×20T or M14×P1.25
Chainring: Size ½"×⅜"(12mm)
Outer 48 to 54 teeth
Inner 36, 39, 40, 42 to 48 teeth
Interchangeable with SAKAE AX-5RG Ⅰ, Ⅱ
Weight: Crank set (52T×40T) 630g(22.1 oz)
Available with light alloy chain-guard if requested.
Model No. CG-111.

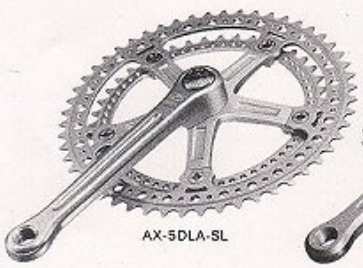

SAX-5TG

Model SAX-5TG
SUPER APEX-5 TOURING

Crank: Length 170mm(6¾")
Thread BC⅝"×20T or M14×P1.25
Chainring: Size ½"×⅜"(12mm)
Outer 48 to 54 teeth
Middle (in case of triple) 44, 45, 46, 47 teeth.
Inner 28, 32, 34, 36, 40, 42, 44 to 47 teeth.
Interchangeable with STRONGLIGHT 99.
Weight: Crank set (52T×40T) 800g(21 oz)
Available with light alloy chain-guard if requested.
Model No. CG-111.

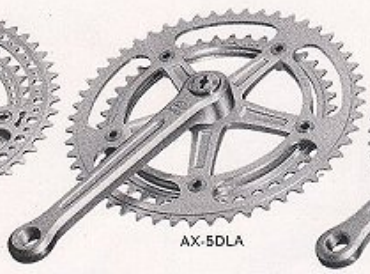
APEX CHAINWHEELS

Forged Super Duralumin Cotterless cranks and Cold Rolled Super Duralumin chainrings, Anodized finish. Mounted on light alloy arm.


AX-5DLA-SL

Model AX-5DLASL
APEX-5DLA SUPER LIGHT

5-pin detachable double chainrings.
Drilled holes to reduce the weight.
Interchangeable with SAKAE RY-5 or CAMPAGNOLO.
Crank: Length 165mm(6½") or 170mm(6¾")
Thread BC⅝"×20T or M14×P1.25
Chainring: Size ½"×⅜"(12mm)
Teeth 42, 44, 46, 47, 48, 50, 52, 54T.
(standard teeth 52T×42T)
Weight: Crank set 565g(19.8 oz)
Available with light alloy chainguard if requested.
Model No. CG-101


AX-5DLA

Model AX-5DLA
APEX-5DLA

Interchangeable with SAKAE RY-5 and CAMPAGNOLO.
Crank: Length 165mm(6½") or 170mm(6¾")
Thread BC⅝"×20T or M14×P1.25
Chainring: Size ½"×⅜"(12mm)
Teeth 42 to 54T
(standard teeth 52T×42T)
Weight: Crank set 590g(20.7 oz)
Available with light alloy Chainguard if requested.
Model No. CG-101.


AX-5DRG

Model AX-5DRG
APEX-5DRG

Crank: Length 165mm(6½") or 170mm(6¾")
Thread BC⅝"×20T or M14×P1.25
Chainring: Size ½"×⅜"(12mm)
Outer 48 to 54 teeth
Inner 36, 39, 40 and 42 to 48 teeth
(standard teeth 52T×40T)
Interchangeable with SAKAE AX-5RG Ⅰ.
Weight: Crank set 600g(21 oz)
Available with light alloy chainguard if requested.
Model No. CG-111.


AX-5SDⅡAH

Model AX-5SDⅡAH
APEX-5SDⅡAH

Changeable only inner chainring.
Crank: Length 165mm(6½") or 170mm(6¾")
Thread BC⅝"×20T or M14×P1.25
Chainring: Size ½"×⅜"(12mm)
Outer 48 to 54 teeth
Inner 36, 39, 40 and 42 to 48 teeth
(standard teeth 52T×40T)
Interchangeable with SAKAE AX-5RGⅡ.
Weight: Crank set 595g(20.8 oz)
Available with light alloy chainguard if requested.
Model No. CG-111.

CHAINWHEELS

CUSTOM CHAINWHEELS

Melt-forged high-strength light alloy. One Piece crank and arm. Aerodynamic style.
With chain collector. Cold Rolled Super Duralumin chainrings. Interchangeable with all SAKAE APEX axle, but Chain Line is the same as SUPER APEX.



Model CT-5LA-EL
CUSTOM-5LA-EL

Crank: Length 170mm(6¾")
Thread BC⅜"×20T or M14×P1.25
Chainring: Size ½"×⅜"(2mm)
Teeth 42 to 54 teeth.
(standard teeth 52T×42T)
Interchangeable with SAKAE RY-5 or CAMPAGNOLO.
Weight: Crank set 625g(21.9oz)
Available with light alloy ,chainguard if requested.
Model No. CG-101.



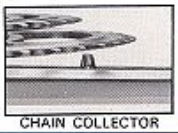
Model CT-5RG
CUSTOM-5RG

Crank: Length 165mm(6½") or 170mm(6¾")
Thread BC⅜"×20T or M14×P1.25
Chainring: Size ½"×⅜"(2mm)
Outer 48 to 54 teeth
Inner 36, 39, 40 and 42 to 48 teeth
(standard teeth 52T×40T)
Interchangeable with SAKAE AX-5RG Ⅰ, Ⅱ
Weight: Crank set 670g.(23.5oz)
Available with light alloy chainguard if requested.
Model No. CG-111.



Model CT-5TG
CUSTOM-5TG

Crank: Length 170mm(6¾")
Thread BC⅜"×20T or M14×P1.25
Chainring: Size ½"×⅜"(2mm)
Outer 48 to 54 teeth
Middle (in case of triple) 44, 45, 46, 47 teeth.
Inner 28, 32, 34, 36, 40, 42, 44 to 47 teeth.
Interchangeable with STRONGLIGHT 99.
Weight: Crank set (52T×40T) 660g(23.1 oz)
Available with light alloy chainguard if requested.
Model No. CG-111.



CHAIN COLLECTOR

SILSTAR CHAINWHEELS

Melt-forged high-strength light alloy Cotterless cranks. Interchangeable with all SAKAE APEX axle.



Model SN-5DLA-EL
SILSTAR-5DLA-EL

Mounted on light alloy bright finished five arm.
Crank: Length 165mm(6½") or 170mm(6¾")
Thread BC⅜"×20T or M14×P1.25
Chainring: Size ½"×⅜"(2mm)
Teeth 42 to 54T
(standard teeth 52T×42T)
Weight: Crank set 570g(20oz)
Available with light alloy chainguard if requested.
Model No. CG-101.



Model SNB-5DLA-SL
SILSTAR BLACK-5DLA-SL

Crank and five arm Black finished.
Drilled chainring for reduction the weight.
Crank: Length 165mm(6½") or 170mm(6¾")
Thread BC⅜"×20T or M14×P1.25
Chainring: Size ½"×⅜"(2mm)
Teeth 42, 44, 46, 47, 48, 50, 52, 54T
(standard teeth 52T×42T)
Weight: Crank set 590g(20.7oz)
Available with light alloy chainguard if requested.
Model No. CG-101.



Model SN-5DRG AH
SILSTAR-5DRG AH

Mounted on light alloy bright finished five arm.
Super Duralumin or C-P Steel chainrings.
Crank: Length 165mm(6½") 170mm(6¾")
Thread BC⅜"×20T or M14×P1.25
Chainring: Size ½"×⅜"(2mm)
Outer 48 to 54 teeth
Inner 36, 39, 40, 42 and 44 to 48 teeth
(standard teeth 52T×40T)
Interchangeable with SAKAE AX-5DRG
Weight: Crank set light alloy 610g(21.3oz)
Steel 850g(30oz)
Available with light alloy chainguard if requested.
Model No. CG-110.



Model SN-5SD II AH
SILSTAR-5SD II AH

Super Duralumin chainring.
Changeable only inner chainring.
Crank: Length 152mm(6")
165mm(6½")
170mm(6¾")
Thread BC⅜"×20T or M14×P1.25
Chainring: Size ½"×⅜"(2mm)
Outer 48 to 54 teeth
Inner 36, 39, 40, 42, and 44 to 48 teeth
(standard teeth 52T×40T)
Weight: Crank set 585g(20.5oz)
Available with light alloy chainguard if requested.
Model No. CG-110.



Model SN-5SD II E
SILSTAR-5SD II E

Glossyless C-P Steel chainrings.
Changeable only inner chainring.
Crank: Length 152mm(6")
165mm(6½")
170mm(6¾")
Thread BC⅜"×20T or M14×P1.25
Chainring: Size ½"×⅜"(2mm)
Outer 48 to 54 teeth
Inner 36, 39, 40, 42 and 44 to 48 teeth
(standard teeth 52T×40T)
Weight: Crank set 860g(30.1 oz)
Available with chainguard if requested.
Model No. CG-110, CG-550SS



Model SNS-5SE
SILSTAR-5SE

Glossyless C-P Steel chainrings.
Changeable only inner chainring.
Crank: Length 152mm(6"), 165mm(6½")
170mm(6¾")
Thread BC⅜"×20T or M14×P1.25
Chainring: Size ½"×⅜"(2mm)
Outer 52 teeth
Inner 40 or 42 teeth.
(standard teeth 52T×40T)
Weight: Crank set 830g(29.1 oz)
With CG-550SS chainguard.





Model SN-S
SILSTAR SINGLE

Length:
99mm(3½") 114mm(4½") 127mm(5") 152mm(6")
165mm(6½") 170mm(6¾")
Height 28.5mm(1⅛")
Thread BC⅜"×20T or M14×P1.25
Chainring
Material 14S Super Duralumin or Steel.
Size ½"×⅜"(2mm) or ⅛"(3mm)
Teeth 28, 32, 33, 34, 36, 40, 42, 44, 46, 48, 50, 52, 54.
Weight
Crank set (48T Steel 170mm) 640g(22.4oz)
(36T Steel 127mm) 420g(14.7oz)

Please specify the following details in your order.
Example

Model	Length	Thread	Teeth	Material
SN-5SD II AH	170	BC	52×40⅓	AL(light alloy) CP(steel chrome plating) UP(steel zinc plating)



Model SNS-5SC
SILSTAR-5SC

Glossyless C-P Steel riveting chainrings.
Crank: Length 152mm(6"), 165mm(6½")
170mm(6¾")
Thread BC⅜"×20T or M14×P1.25
Chainring: Size ½"×⅜"(2mm)
Outer 52 teeth
Inner 40 or 42 teeth.
(standard teeth 52T×40T)
Weight: Crank set 830g(29.1 oz)
With CG-550SS chainguard.

CHAINWHEELS

■SILSTAR DX CHAINWHEELS

Melt-forged high-strength light alloy Cotterless cranks. Mounted on arm. One piece chainguard and arm.
Crank : Length 165mm(6½') 170mm(6¾') Thread BC⅜'×20T or M14×P1.25.

SN-5DX



Model SN-5DX
SILSTAR-5DX

Interchangeable outer and inner chainring.
Material : Super Duralumin or Glossyless C-P steel.
Size : ½'×⅜'(2mm)
Teeth : 52T×42T or 40T, 45T
50T×40T or 42T
48T×36T
Weight : 707g(24.8oz) (52T×42T light alloy)
865g(30.3oz) (52T×42T steel)

SNB-5DX



Model SNB-5DX
SILSTAR BLACK-5DX

Black anodized crank and arm, and polishing surface.
Interchangeable outer and inner chainrings.
Material :
Size : Same as SILSTAR-5DX
Teeth :
Weight :

SNS-5DXC



Model SNS-5DXC
SILSTAR-5DXC

Riveting outer and inner chainring.
Material : Super Duralumin or Glossyless C-P steel.
Size : ½'×⅜'(2mm)
Teeth : 52T×42T or 40T, 45T
50T×40T or 42T
48T×36T
Weight : 855g(30.3oz) (52T×42T)

SNS-5DXC Single



Model SNS-5DXC single
SILSTAR-5DXC single

Riveting chainring
Material : Super Duralumin or Glossyless C-P steel
Size : ½'×⅜'(2mm)
Teeth : 48T or 46T
Weight : 705g(24.7oz) (48T)

CHAIN GUARDS

CG-101



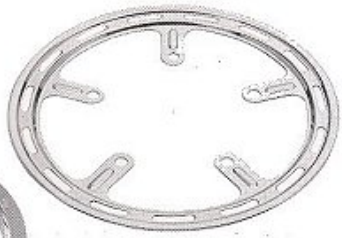
CG-110
CG-111



CG-550SS



CG-560S
CG-560SS



Model CG-101

Made of light alloy.
Suitable for : ROYAL-5, APEX-5LA, SN-5DLA

TYPE	Diam	For teeth	Weight
50	217mm(8⅝')	50 or 51	70g(2.5oz)
52	225mm(8⅞')	52 or 53	75g(2.6oz)

Model CG-110

Melt-forged light alloy.
Suitable for : APEX-5RG, 5SD, SILSTAR

TYPE	Diam	For teeth	Weight
48	207mm(8⅛')	48 or 49	60g(2.1oz)
50	215mm(8½')	50 or 51	65g(2.3oz)
52	223mm(8¾')	52 or 53	70g(2.5oz)

Model CG-111

Melt-forged light alloy.
Polished finish.
Suitable for : APEX-5RG, 5SD, SILSTAR.

TYPE	Diam	For teeth	Weight
48	207mm(8⅛')	48 or 49	55g(1.9oz)
50	215mm(8½')	50 or 51	60g(2.1oz)
52	223mm(8¾')	52 or 53	65g(2.3oz)

Model CG-550SS

Made of steel Glossyless C-P.
Suitable for : SILSTAR-5SDE, SE.

TYPE	Diam	For teeth	Weight
52	223mm(8¾')	52	120g(4.2oz)

Model CG-560S (Bright)
CG-560SS (Glossyless)

Made of steel C-P.
Suitable for SILSTAR-5SDE, SE.

TYPE	Diam	For teeth	Weight
52	224mm(8⅞')	52	115g(4oz)

SPECIAL TOOLS

T-902



Model T-902
Tool for Cotterless crank fixing and extractor.
Weight : 99g(3.47oz)

T-905



Model T-905
Chain wheel flat head screw wrench key.
Weight : 18g(0.63oz)

T-906



Model T-906
Chain wheel fastening nut spanner.
Weight : 10g(0.35oz)

T-907



Model T-907
Saddle spanner. 10mm
For RY-P1
Weight : 42g(1.47oz)

T-908



Model T-908
Handle stem expander bolt wrench key.
For AX & SR stems.
Weight : 35g(1.23oz)

T-909



Model T-909
Saddle spanner 13mm and 14mm.
For CT-P3
Weight : 56g(2oz)

T-910



Model T-910
Handle stem expander bolt wrench key.
For FS, RY-ESL, RY-II stem.
Weight : 18g(0.63oz)

T-911

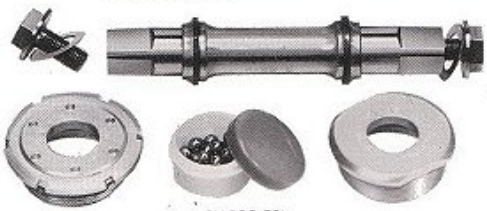


Model T-911
Bottom bracket adjustable cup spanner.
For RY-BBS, AX-BBS, SC-BBS.
Weight : 110g(3.9oz)

BOTTOM BRACKET SETS

Model RY-BBS-ESL
ROYAL BOTTOM BRACKET SET ESL

Titanium alloy spindle and fixing bolt.
14S Super Duralumin cup
Thread 1.37"×24T or 35×P1
Weight : 175g(6.1 oz)



RY-BBS-ESL

Model RY-BBS
ROYAL BOTTOM BRACKET SET

Made of chrome Molybdenum steel.
Weight : 300g(10.5 oz)



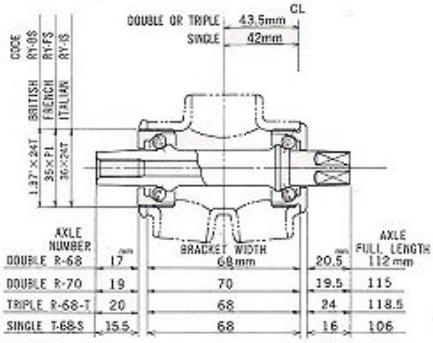
RY-BBS

SUPER APEX BOTTOM BRACKET SET

	Bracket Width	AXLE Number	Left	Center	Right	Full length	Chain line
DOUBLE	68	D-3L	32.0mm	52mm	32.0mm	116.0mm	41.5mm
DOUBLE	68	D-3P	32.0mm	52mm	35.0mm	119.0mm	44.5mm
TRIPLE	〃	D-3SS	〃	〃	37.5	121.5	43.0
DOUBLE	70	D-5P	30.5	55	33.5	119.0	44.5
TRIPLE	〃	D-5SP	〃	〃	37.5	123.0	44.5



Square Slope : 2° Weight : 315g(11 oz)



APEX BOTTOM BRACKET SET

Bracket Width	AXLE Number	Left	Center	Right	Full length	Chain line
68	3P	42.5mm	52mm	45.5mm	140mm	42.0mm
〃	3SS	〃	〃	48.0	142.5	44.5
〃	3T	45.5	〃	49.5	147.0	46.0
〃	3U	〃	〃	51.0	148.5	47.5
70	5P	41.0	55	44.0	140.0	41.5
〃	5SB	42.5	〃	46.5	144.0	44.0
〃	5SP	41.0	〃	48.0	144.0	45.5
〃	5SS	42.5	〃	48.0	145.5	45.5
〃	5T	45.5	〃	49.5	150.0	47.0
〃	5U	〃	〃	51.0	151.5	48.5



Square Slope : 2° Weight : 355g(12.4 oz)

SC BOTTOM BRACKET SET

Bracket Width	AXLE Number	Left	Center	Right	Full length	Chain line SILSTAR
68	3P	42.5mm	52mm	45.5mm	140.0mm	41.0mm
〃	3SS	〃	〃	48.0	142.5	43.5
〃	3T	45.5	〃	49.5	147.0	45.0
〃	3U	〃	〃	51.0	148.5	46.5
70	5P	41.0	55	44.0	140.0	40.5
〃	5SB	42.5	〃	46.5	144.0	43.0
〃	5SP	41.0	〃	48.0	144.0	44.5
〃	5SS	42.5	〃	48.0	145.5	44.5
〃	5T	45.5	〃	49.5	150.0	46.0
〃	5U	〃	〃	51.0	151.5	47.5



Square Slope : 2° Weight : 365g(12.8 oz)

SI BOTTOM BRACKET SET

Bracket Width	AXLE Number	Left	Center	Right	Full length	Chain line Double	Chain line CAD Single
68	3P	42.5mm	52mm	45.5mm	140.0mm	41.5mm	—
〃	3SS	〃	〃	48.0	142.5	44.0	40.0mm
〃	3T	45.5	〃	49.5	147.0	45.5	41.5
〃	3U	〃	〃	51.0	148.5	47.0	43.0
〃	3R	〃	〃	52.5	150.0	48.5	44.5
70	5P	41.0	55	44.0	140.0	41.0	—
〃	5SB	42.5	〃	46.5	144.0	43.5	—
〃	5SP	41.0	〃	48.0	144.0	45.0	41.0
〃	5SS	42.5	〃	48.0	145.5	45.0	41.0
〃	5T	45.5	〃	49.5	150.0	46.5	42.5
〃	5U	〃	〃	51.0	151.5	48.0	44.0
〃	5R	〃	〃	52.5	153.0	49.5	45.5

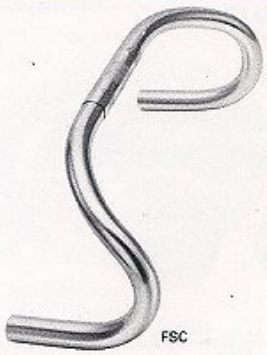


Square Slope : 2° Weight : 365g(12.8 oz)

CUP THREAD	CODE
1.37×24T(BRITISH)	AX-BS, SC-BS, SI-BS
35×P1(FRENCH)	AX-FS, SC-FS, SI-FS
36×24T(ITALIAN)	AX-IS, SC-IS, SI-IS

HANDLE BAR BENDS

High-strength light alloy anodized finish or high-strength steel C-P handle bar bends.
FOURSIR and ROYAL for sprinters. CUSTOM for roadracers, RANDONNEUR for tourists.


FSC

Model FSC
FOURSIR-C

Made of light alloy.
CRITERIUM type.
Bar center Diam: 26mm
Tube Diam: 24mm
Reach: 80mm

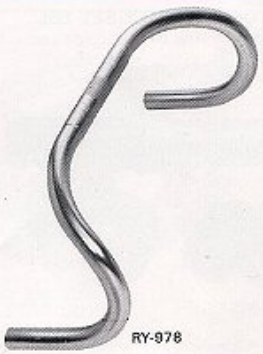
Model	Dropped	Width	Weight
FSC-380	150mm(5⅞")	380mm(15")	310g(10.9oz)
FSC-400	150mm(5⅞")	400mm(15¾")	320g(11.2oz)
FSC-420	150mm(5⅞")	420mm(16½")	335g(11.7oz)


FSG

Model FSG
FOURSIR-G

Made of light alloy.
GIRO D'ITALIA type.
Bar center Diam: 26mm
Tube Diam: 24mm
Reach: 105mm

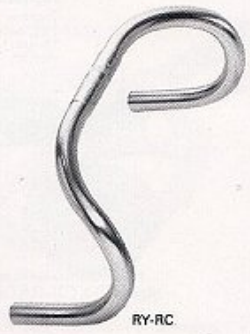
Model	Dropped	Width	Weight
FSG-380	160mm(6¼")	380mm(15")	310g(10.9oz)
FSG-400	160mm(6¼")	400mm(15¾")	320g(11.2oz)
FSG-420	160mm(6¼")	420mm(16½")	335g(11.7oz)


RY-978

Model RY-978
ROYAL-978

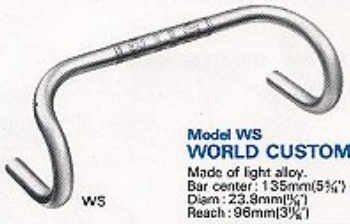
Made of light alloy.
Bar center double tube.
Diam: 23.8mm(⅞")
Reach: 75mm(3")

Model	Dropped	Width	Weight
RY-978-380	145mm(5¾")	380mm(15")	290g(10.2oz)
RY-978-400	160mm(6¼")	400mm(15¾")	300g(10.5oz)
RY-978-420	160mm(6½")	420mm(16½")	305g(10.7oz)


RY-RC

Model RY-RC
ROYAL-RACER

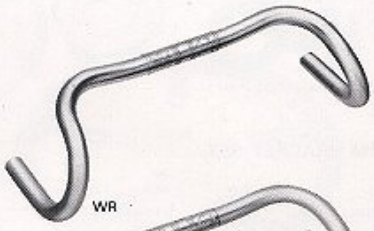
Made of light alloy.
Track racing model.
Bar center 90mm(3⅝") double tube.
Diam: 23.8mm(⅞")
Dropped: 145mm(5¾")
Width: 370mm(14½")
Reach: 80mm(3⅛")
Weight: 290g(13.3oz)


WS

Model WS
WORLD CUSTOM

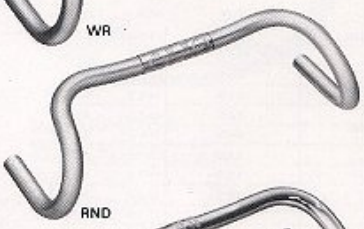
Made of light alloy.
Bar center: 135mm(5⅜") double tube.
Diam: 23.8mm(⅞")
Reach: 96mm(3⅞")

Model	Dropped	Width	Weight
WS-370	145mm(5¾")	370mm(14½")	305g(10.7oz)
WS-390	145mm(5¾")	390mm(15⅜")	305g(10.7oz)
WS-420	160mm(6¼")	420mm(16½")	310g(10.9oz)


WR

Model WR-420
WORLD RANDONNEUR

Made of light alloy.
Bar center: 95mm(3¾") double tube.
Diam: 23.8mm(⅞")
Dropped: 120mm(4¾")
Width: 420mm(16½")
Reach: 97mm(3⅞")
Weight: 305g(10.7oz)


RND

Model RND-420
RANDONNEUR DOUBLE TUBE

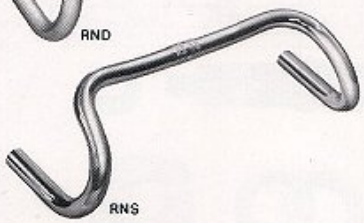
Made of light alloy.
Bar center: 95mm(3¾") double tube.
Only center tube: anodized finish.
Diam: 23.8mm(⅞")
Dropped: 122mm(4⅞")
Width: 420mm(16½")
Reach: 97mm(3⅞")
Weight: 305g(10.7oz)


CTD

Model CTD
CUSTOM DOUBLE TUBE

Made of light alloy.
Bar center: 135mm(5⅜") double tube.
Only center tube: anodized finish.
Diam: 23.8mm(⅞")
Reach: 96mm(3⅞")

Model	Dropped	Width	Weight
CTD-370	145mm(5¾")	370mm(14½")	305g(10.7oz)
CTD-390	145mm(5¾")	390mm(15⅜")	305g(10.7oz)
CTD-420	160mm(6¼")	420mm(16½")	310g(10.9oz)


RNS

Model RNS-395
RANDONNEUR-S

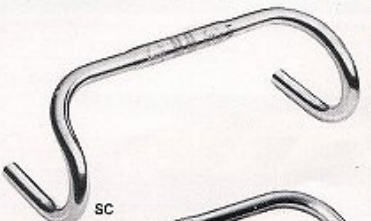
Made of steel.
Bar center: 32mm(1¼") bulge.
Diam: 23.8mm(⅞")
Dropped: 117mm(4⅝")
Width: 395mm(15½")
Reach: 102mm(4")
Weight: 680g(23.8oz)


CTS

Model CTS
CUSTOM-S

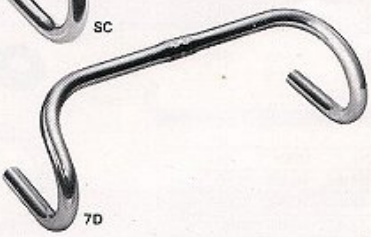
Made of steel.
Bar center: 135mm(5⅜") bulge.
Diam: 23.8mm(⅞")
Reach: 96mm(3⅞")

Model	Dropped	Width	Weight
CTS-360	130mm(5⅛")	380mm(14¾")	615g(21.5oz)
CTS-390	130mm(5⅛")	390mm(15⅜")	620g(21.7oz)


SC

Model SC-713
SPECIAL

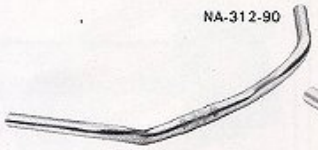
Made of steel.
Bar center: 120mm(4¾") bulge.
Diam: 22.2mm(⅞")
Dropped: 130mm(5⅛")
Width: 390mm(15⅜")
Reach: 96mm(3¾")
Weight: 530g(22.1oz)


7D

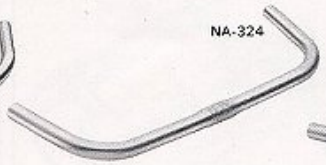
Model 7D-701
⅞ DROP

Made of steel.
Bar center: 32mm(1¼") bulge.
Diam: 22.2mm(⅞")
Dropped: 130mm(5⅛")
Width: 390mm(15⅜")
Reach: 96mm(3¾")
Weight: 630g(22.1oz)

HANDLE BAR BENDS



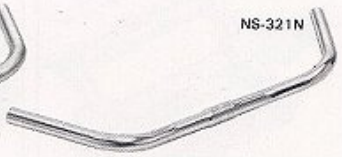
Model NA-312-90
(Former model name NL-90)
NORTH-ROAD 90
Made of light alloy.
Bar center : 90mm(3½") bulge.
Diam : 22.2mm(⅞")
Raised : 63mm(2½")
Width : 520mm(20½")
Weight : 220g(7.7 oz)



Model NA-324
NORTH-ROAD
Made of light alloy.
Bar center : 32mm(1¼") bulge.
Diam : 22.2mm(⅞")
Raised : 17mm(⅝")
Width : 440mm(17⅜")
Weight : 220g(7.7 oz)



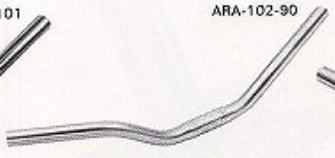
Model NA-321-90
NORTH-ROAD
Made of light alloy.
Bar center : 90mm(3½") bulge.
Diam : 22.2mm(⅞")
Raised : 30mm(1⅜")
Width : 520mm(20½")
Weight : 220g(7.7 oz)



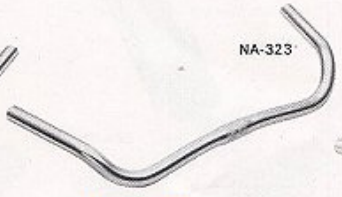
Model NS-321N
NORTH-ROAD
Made of stainless steel.
Bar center : 32mm
Diam : 22.2mm(⅞")
Raised : 30mm(1⅜")
Width : 520mm(20½")
Weight : 390g(13.7 oz)



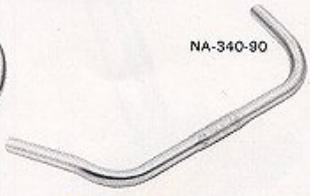
Model ARA-101
(Former model name AR-L)
ALL-ROUNDER
Made of light alloy.
Bar center : 32mm(1¼") bulge.
Diam : 22.2mm(⅞")
Raised : 45mm(1¾")
Width : 505mm(15")
Weight : 180g(6.3 oz)



Model ARA-102-90
ALL-ROUNDER
Made of light alloy.
Bar center : 90mm(3½") bulge.
Diam : 22.2mm(⅞")
Raised : 53mm(2⅛")
Width : 560mm(22")
Weight : 200g(7 oz)



Model NA-323
ADULT
Made of light alloy.
Bar center : 32mm(1¼") bulge.
Diam : 22.2mm(⅞")
Raised : 50mm(2")
Width : 480mm(19")
Weight : 250g(8.8 oz)



Model NA-340-90
ADULT
Made of light alloy.
Bar center : 90mm(3½") bulge.
Diam : 22.2mm(⅞")
Raised : 30mm(1⅜")
Width : 460mm(18")
Weight : 220g(7.7 oz)

HANDLE STEMS

■FOURSIR STEMS

Forged Super Duralumin stem.
Anodized finish.
Top class racing model.

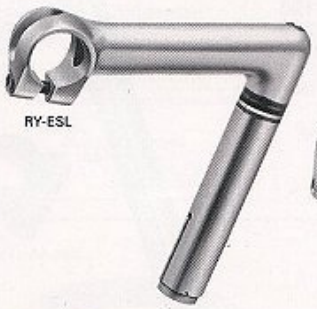


Model FS
FOURSIR
Stainless steel 6mm expander bolt and binder bolt. Socket 5mm hex.
Diam : 22.2mm

Model	Extension	Length	Weight
FS-120	120mm(5¾")	135mm(5⅜")	250g(8.8oz)
FS-110	110mm(4⅜")	135mm(5⅜")	240g(8.4oz)
FS-100	100mm(4")	135mm(5⅜")	230g(8.1oz)
FS-90	90mm(3½")	135mm(5⅜")	220g(7.7oz)
FS-80	80mm(3⅛")	135mm(5⅜")	210g(7.4oz)

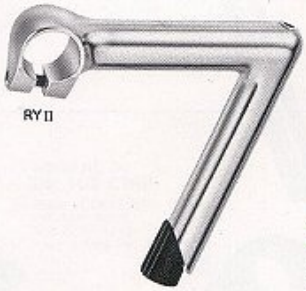
■ROYAL STEMS

Forged Super Duralumin stem. Anodized finish.
Allen head expander bolt, and binder bolt.



Model RY-ESL
ROYAL EXTRA SUPER LIGHT
Extra machinings are performed individually to maintain super extra light weight.
Expander bolt and binder bolt are made of Titanium to reduce the weight.
Diam : 22.2mm

Model	Extension	Length	Weight
RY-130ESL	130mm(5⅛")	135mm(5⅜")	225g(7.9oz)
RY-120ESL	120mm(5¾")	135mm(5⅜")	218g(7.6oz)
RY-110ESL	110mm(4⅜")	135mm(5⅜")	210g(7.4oz)
RY-100ESL	100mm(4")	135mm(5⅜")	203g(7.1oz)
RY-90ESL	90mm(3½")	135mm(5⅜")	195g(6.8oz)
RY-80ESL	80mm(3⅛")	135mm(5⅜")	188g(6.6oz)
RY-70ESL	70mm(2¾")	135mm(5⅜")	180g(6.3oz)



Model RY II
ROYAL II
Cr-Mo steel 6mm expander bolt and binder bolt. Socket 5mm hex.
Diam : 22.2mm
0.833; 0.865; 22.0mm to order.

Model	Extension	Length	Weight
RY II-130	130mm(5⅛")	135mm(5⅜")	310g(10.9oz)
RY II-120	120mm(5¾")	135mm(5⅜")	310g(10.9oz)
RY II-110	110mm(4⅜")	135mm(5⅜")	300g(10.5oz)
RY II-100	100mm(4")	135mm(5⅜")	290g(10.2oz)
RY II-90	90mm(3½")	135mm(5⅜")	270g(9.45oz)
RY II-80	80mm(3⅛")	135mm(5⅜")	260g(9.1oz)
RY II-70	70mm(2¾")	135mm(5⅜")	250g(8.8oz)

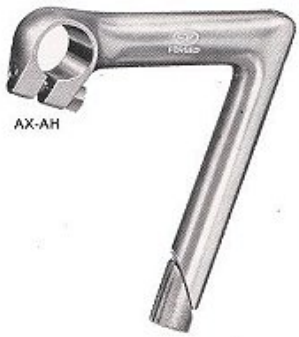


Model RY-TY
ROYAL TRACK
The highest model for Track Racing.
Socket 6mm hex.
Diam : 22.2mm
Length : 130mm(5⅛")

Model	Angle	Extension	Weight
RY-100TY	65°	100mm(4")	315g(11oz)
RY-90TY	65°	90mm(3½")	300g(10.5oz)
RY-80TY	65°	80mm(3⅛")	285g(10oz)

HANDLE STEMS

■APEX STEMS



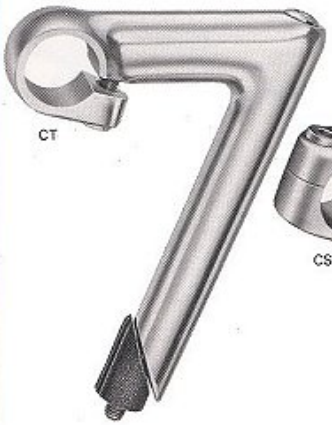
Model AX-AH
APEX-AH

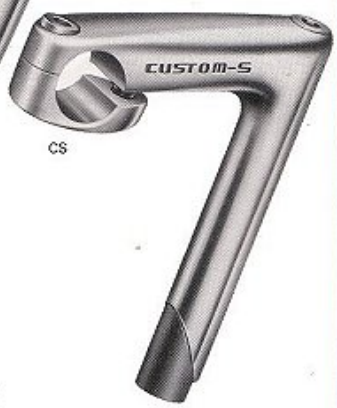
Forged Super Duralumin stem. Anodized finish.
Diam : 22.2mm(⅞")
0.833", 22.0mm to order.

Model	Extension	Length	Weight
AX-100AH	100mm(4")	150mm(5⅞")	340g(12.0oz)
AX-80AH	80mm(3⅛")	150mm(5⅞")	320g(11.2oz)
AX-60AH	60mm(2⅜")	180mm(7⅛")	330g(11.6oz)

■CUSTOM STEMS

Melt-forged high-strength light alloy stem. Aerodynamic style.





Model CT
CUSTOM

Allen head expander bolt and binder bolt.
Socket 6mm hex. Under lock type.
Diam : 22.2mm, 22.0mm

Model	Extension	Length	Weight
CT-100	100mm(4")	150mm(5⅞")	330g(11.6oz)
CT-80	80mm(3⅛")	150mm(5⅞")	300g(10.5oz)
CT-60	60mm(2⅜")	150mm(5⅞")	280g(9.8oz)

Model CS
CUSTOM-S

Allen head expander bolt and binder bolt.
Socket 6mm hex.
Separate type.

Model	Extension	Length	Weight
CS-80	80mm(3⅛")	150mm(5⅞")	370g(13oz)
CS-60	60mm(2⅜")	180mm(7⅛")	350g(12.3oz)

■SR STEMS



Model SR
SR

Melt-forged high-strength rustless light alloy stem.
AH Type : Allen head expander bolt and binder bolt. Socket 6mm hex.
Diam : 0.833", 0.865", 22.0, 22.2mm

Model	Extension	Length	Weight
SR-100AH	100mm(4")	150mm(5⅞")	340g(11.9oz)
SR-80AH	80mm(3⅛")	150mm(5⅞")	310g(10.9oz)
SR-80AH	80mm(3⅛")	180mm(7⅛")	340g(11.9oz)
SR-60AH	60mm(2⅜")	180mm(7⅛")	320g(11.2oz)
SR-60AH	60mm(2⅜")	230mm(9")	365g(12.8oz)
SR-50AH	50mm(2")	180mm(7⅛")	305g(10.7oz)
SR-80E	80mm(3⅛")	150mm(5⅞")	310g(10.9oz)
SR-60E	60mm(2⅜")	180mm(7⅛")	320g(11.2oz)
SR-50E	50mm(2")	180mm(7⅛")	305g(10.7oz)





Model SAS-50AH×230
SAS-50E×190
SAS-50E×230

Melt-forged light alloy head and Stainless steel tube.
Extension : 50mm(2")
Length : 230mm(9") or 190mm(7½")
Diam : 22.2mm
Weight : AH 370g(13oz)
E 380g(13.4oz)



Model AS-30E×230

Melt-forged light alloy head and steel tube.
Extension : 30mm(1⅜")
Length : 230mm(9") or 190mm(7½")
Diam : 22.2mm
Weight : 370g(13oz)





Model JUN-50×150
JUN-50×150

Melt-forged light alloy stem.
Extension : 50mm(2")
Length : 150mm(5⅞")
Diam : 150mm length 0.833"
Weight : (150mm) 270g(9.5oz)





Model SW-50×135
SW-50B×135
(Black Anodized)
SWAN-50×135

Melt-forged light alloy.
Extension : 50mm(2")
Length : 135mm(5⅜")
Diam : 0.833"
Weight : 280g(9.8oz)



Model SW-50×165
SWAN-50×165

Melt-forged light alloy.
Extension : 50mm(2")
Length : 165mm(6½")
Diam : 22.2mm, 22.0mm
Weight : 300g(10.5oz)

Model JUN-50×180
JUN-50×180

Melt-forged light alloy stem.
Extension : 50mm(2")
Length : 180mm(7")
Diam : 22.2mm, 22.0mm
Weight : 310g(10.9oz)

PEDALS

Melt-forged light alloy body. With screwed dust cap.

SP-11



Model SP-11
SILSTAR PEDAL-ELEVEN

One piece frame. Platform type.
Cr-Mo steel spindle.
Foot on size: 60mm(2⅜")×88mm(3½")
Thread: BC⅜"×20T or M14×P1.25
Weight: 415g(14.5oz)

SP-100



Model SP-100AL(Alloy plates)
SP-100BL(Alloy plates black finish)
SP-100CP(Steel plates)
SILSTAR PEDAL-100AL, BL, CP

Quill type.
Foot on size: 61mm(2⅜")×100mm(4")
Thread: BC⅜"×20T or M14×P1.25
Weight: 100AL, BL 345g(12.8oz)
100CP 420g(14.7oz)
Toe clip, Strap and Reflector attachable.

SP-150



Model SP-150(C-P spindle)
SP-150SE(Black spindle)
SILSTAR PEDAL-150

One piece frame. Quill type.
Foot on size: 61mm(2⅜")×100mm(4")
Thread: BC⅜"×20T or M14×P1.25
Weight: 370g(13oz)
Toe clip, Strap and Reflector attachable.

SP-200



Model SP-200AL(Alloy plates)
SP-200BL(Alloy plates black finish)
SILSTAR PEDAL-200AL, BL

Track type.
Foot on size: 61mm(2⅜")×80mm(3⅛")
Thread: BC⅜"×20T or M14×P1.25
Weight: 345g(12.1oz)

SP-350



Model SP-350
SILSTAR PEDAL-350

One piece frame.
Quill type, with reflector.
Foot on size: 60mm(2⅜")×110mm(4⅜")
Thread: BC⅜"×20T or M14×P1.25
Weight: 460g(16oz)

SP-360



Model SP-360
SILSTAR PEDAL-360

One piece frame.
Quill type. With reflector.
Foot on size: 60mm(2⅜")×105mm(4⅛")
Thread: BC⅜"×20T
M14×P1.25
Weight:

SP-450



SP-451



Model SP-450(with reflector)
SP-451(without reflector)
SILSTAR PEDAL-450, 451

One piece frame.
Both sides serrated.
Foot on size: 60mm(2⅜")×95mm(3¾")
Thread: BC⅜"×20T or M14×P1.25
Weight: SP-450 440g(15.4oz)
SP-451 400g(14oz)

SP-460



SP-461



Model SP-460(with reflector)
SP-461(without reflector)
SILSTAR PEDAL-460, 461

Made of light alloy. One piece frame.
Foot on size: 63mm(2½")×100mm(4")
Thread: BC⅜"×20T
Weight: SP-460 440g(15.4oz)
SP-461 400g(14oz)

SP-550



Model SP-550FW(White rubber)
SP-550FB (Black rubber)
SILSTAR PEDAL-550FW, FB

One piece frame.
Full rubber type.
Foot on size: 65mm(2⅝")×98mm(3⅞")
Thread: BC⅜"×20T or M14×P1.25
Weight: 520g(18.2oz)

Please specify the following details in your order.
Example
Model Thread
SP-150-B(BC⅜"×20T)
-F(M14×P1.25)
-U(UNF½"×20T)

PEDAL ACCESSORIES

SR TOE CLIP



SR TOE STRAP



PEDAL SPIN



PEDAL REFLECTOR



REFLECTOR ADAPTER



Model AC-30
SR TOE CRIP

Made of Extra Super Duralumin.
Anodized finish.
Size: S, M, L, LL
Weight: One set S, M 43g(1.5oz)
L 44g(1.5oz)
LL 46g(1.6oz)

Model AC-40
SR TOE CRIP

Made of Stainless steel.
Size: S, M, L
Weight: 78g(2.7oz)

Model AS-30W (White)
AS-30BL(Black)
AS-30R (Red)
AS-30BU(Blue)
SR TOE STRAP

Made of Leather
Size: 400mm
Weight: 58g(2oz)

Model AP-01
SR PEDAL SPIN

Made of Stainless steel.
Weight: One set 20g(0.7oz)

Model AR-02
SR PEDAL REFLECTORS

Amber color.
Lens size: 64mm(2½")×15mm(⅝")
Weight: One set 60g(2.1oz)
Meet C.P.S.C standard.

Model AP-02
SR REFLECTOR ADAPTER

Suitable for: SP-11.
Made of Stainless steel.
Weight: One set 24g(0.8oz)

SEAT PILLARS

■FOUR SIR SEAT PILLARS

Forged Super Duralumin pillar, bracket and supporter.
Anodized finish. Top class racing model.



Model FS-P5
FOURSIR-P5 (SAKAE LAPRADE)

Saddle wire width: 43mm(1¾")
Pillar length: 190mm(7½")
Diam: 25.8, 26.0, 26.2, 26.4, 26.6
26.8, 27.0, 27.2mm
Weight: 200g(7oz)

■ROYAL SEAT PILLARS

Forged Super Duralumin pillar, bracket and supporter. Anodized finish.



Model RY-P1ESL II
ROYAL-P1EXTRA SUPER LIGHT II

Extra machinings are performed individually to maintain super extra light weight.
Adjuster bolt are made of Titanium to minimize the weight.
Saddle wire width: 45mm(1¾")
Pillar length: 195mm(7¾")
Diam: 26.6, 26.8, 27.0, 27.2, 27.4mm
Weight: 210g(2.4oz)

Model RY-P1 II
ROYAL-P1 II

Saddle wire width: 45mm(1¾")
Pillar length: 195mm(7¾")
Diam: 25.8, 26.0, 26.2, 26.4, 26.6, 26.8, 27.0, 27.2mm
Weight: 310g(10.9oz)

■CUSTOM SEAT PILLARS

Melt-forged high-strength light alloy Pillar, Bracket and Supporter.



Model CT-P3
CUSTOM-P3

Saddle wire width: 45mm(1¾")
Pillar length: 195mm(7⅝")
Diam: 25.8, 26.0, 26.2, 26.4, 26.6, 26.8, 27.0mm
Weight: 295g(10.4oz)

Model CT-P5
CUSTOM-P5 (SAKAE LAPRADE)

Adjustment and fixing by a single bolt from below.
Saddle wire width: 43mm(1⅝")
Pillar length: 190mm(7½"), 220mm(8⅝")
Diam: 25.4, 25.8, 26.0, 26.2, 26.4, 26.6, 26.8, 27.0, 27.2mm
Weight: (190mm) 250g(8.8oz)
(220mm) 270g(9.5oz)

Model CT-P6(without saddle cramp)
CT-P6C(with saddle cramp)
CUSTOM-P6

Pillar length: 180mm(7")
Diam: 25.4, 25.8, 26.0, 26.2, 26.4, 26.6, 26.8mm
Weight: 170g(6oz)

Model SDC
SADDLE CLAMP

Made of steel.
For CT-P6 seat pillar.
Weight: 100g(3.5oz)



Model ASP
ALUMI SEAT POST

Melt-forged high-strength Rustless light alloy post.
Length: 180mm(7") or 235mm(9¼")
Diam: 25.8, 26.0, 26.2, 26.4, 26.6, 26.8, 27.0, 27.2mm
Weight: (180mm) 145g(5.1oz)
(235mm) 180g(6.3oz)



Model SSP
STAINLESS SEAT POST

Made of Stainless steel tube.

Model	Diameter	Length	Weight
SSP-2216	22.2mm(⅞")	165mm(6½")	86g(3oz)
SSP-2218	22.2mm(⅞")	180mm(7")	94g(3.3oz)
SSP-5424	25.4mm(1")	240mm(9½")	142g(5oz)
SSP-5426	25.4mm(1")	260mm(10½")	154g(5.4oz)
SSP-5430	25.4mm(1")	300mm(11¾")	160g(5.6oz)
SSP-5816	25.8mm(1⅛")	160mm(6½")	98g(3.4oz)
SSP-5818	25.8mm(1⅛")	180mm(7")	110g(3.9oz)
SSP-5819	25.8mm(1⅛")	190mm(7½")	116g(4.1oz)
SSP-5822	25.8mm(1⅛")	220mm(8⅝")	134g(4.7oz)
SSP-5828	25.8mm(1⅛")	280mm(11")	170g(6oz)
SSP-6218	26.2mm(1⅛")	180mm(7")	109g(3.8oz)
SSP-6220	26.2mm(1⅛")	200mm(7⅞")	121g(4.2oz)
SSP-6223	26.2mm(1⅛")	230mm(9")	140g(4.9oz)
SSP-6225	26.2mm(1⅛")	250mm(9⅞")	152g(5.3oz)
SSP-8626	28.6mm(1⅛")	260mm(10¼")	170g(6oz)
SSP-8628	28.6mm(1⅛")	280mm(11")	182g(6.4oz)
SSP-8630	28.6mm(1⅛")	300mm(11¾")	193g(6.8oz)

MOTOCROSS PARTS



Model MB-300R(Red)
MB-300BU (Blue)
MB-300G(Gold)
MOTOCROSS BAR

Made of light alloy.
For MS-300.
Diam: 22.2mm(⅞")
Width: 580mm(22⅞")
Raised: 180mm(7")
Weight: 430g(15.1oz)



Model MS-400R (Red)
MS-400BU(Blue)
MS-400G (Gold)
MOTOCROSS STEMS

Made of 75S Extra Super Duralumin.
Extension: 24mm(¹⁵⁄₁₆")
Length: 128mm(5")
Diam: O.633", 22.2mm
Weight: 460g(16.1oz)



Model MP-120R (Red)
MP-120BU(Blue)
MP-120G (Gold)
MOTOCROSS PEDALS

Made of light alloy.
Cr-Mo steel spindle.
Foot on size: 61mm(2⅜")×95mm(3¾")
Thread: BC⅜"×20T or UNF½"×20T
Weight: 395g(13.8oz)



Model MC-100R (Red)
MC-100BU(Blue)
MC-100G (Gold)
MOTOCROSS CHAINWHEEL

One piece forged 14S Super Duralumin cranks and arm. Cotterless type. Cold Rolled 14S Super Duralumin detachable chainrings.
Crank: Length 170mm(6¾")
Thread BC⅜"×20T
Chainring: Size ½"×⅛"(3mm)
Teeth 36, 39, 40, 42, 44, 46, 48
Weight: Crank set(44T) 510g(17.9oz)

SPECIFICATIONS

CHAINWHEELS

Model	RY			SAX			AX			CT	
	-5ESL	-5	-S5	-5LA-EL	-5RG	-5TG	-5DLA	-5DRG	-5SDII	-5LA	-5RG
Crank	Light alloy	←	←	←	←	←	←	←	←	←	←
	One piece forged	←	←	←	←	←	Mounted on five arm	←	Mounted on chainring	One piece melt-forged	←
Length	165mm 170mm	←	←	←	170mm	←	165mm 170mm	←	←	170mm	165mm 170mm
Chainring	Light alloy	←	←	←	←	←	←	←	←	←	←
Inter-changeable	CAMPAGNOLO	←	←	←	SAKAE RG	STRONGLIGHT 99	CAMPAGNOLO SAKAE RY	SAKAE RG	Inner only RG	CAMPAGNOLO SAKAE RY	SAKAE RG
Teeth	42~54	←	←	←	36~54	28~54	42~54	36~54	←	42~54	36~54

Model	CT	SN						SN-DX		
	-5TG	-DLA	-DRG	-5SDIIAH	-5SDIIE	-5SE, -5SC	-S	-5DX	-5DXC	-5DXC single
Crank	Light alloy	←	←	←	←	←	←	←	←	←
	One piece melt-forged	Mounted on five arm	←	Mounted on chainring	←	←	←	Mounted on five arm	←	←
Length	170mm	165mm 170mm	←	152mm, 165mm 170mm	←	←	←	165mm 170mm	←	←
Chainring	Light alloy	←	←	←	Steel	←	←	Light alloy or steel	←	←
Inter-changeable	STRONGLIGHT 99	CAMPAGNOLO SAKAE RY	SAKAE RG	Inner only RG	Inner only SD	←		SAKAE DX		
Teeth	28~54	42~54	36~54	←	←	Outer 52 Inner 40, 42	28~54	Outer 48, 50, 52 Inner 38, 40, 42	←	46 or 48

HANDLE BAR BENDS

Model	FOURSIR		ROYAL		CUSTOM			RANDONNEUR			DROP	
	FSC	FSG	-978	-RC	WS	CTD	CTS	WR	RND	RN	SC	7D
Material	Light alloy	←	←	←	←	←	Steel	Light alloy	←	Steel	←	←
Type	CRITERIUM	GIRO D'ITALIA	Double tube	←	←	←	Bulge	Double tube	←	Bulge	←	←
Tube diam	24mm	←	23.8mm	←	←	←	←	←	←	←	22.2mm	←

HANDLE STEMS

Model	FOURSIR	ROYAL			APEX	CUSTOM		SR	JUN	SWAN	SAS	AS
	FS	RY-ESL	RY-II	RY-TY	AX	CT	CS	SR	JUN	SW	SAS	AS
Material	Light alloy	←	←	←	←	←	←	←	←	←	←	←
	Forged	←	←	←	←	Melt-forged	←	←	←	←	Jointed Stainless tubing	Jointed Steel tubing
Extension	80~120mm	70~130mm	←	80~100mm	60~100mm	60~100mm	60, 80mm	50~100mm	50mm	←	←	30mm
Expander bolt	6mm	←	←	←	8mm	←	←	←	←	←	←	←

PEDALS

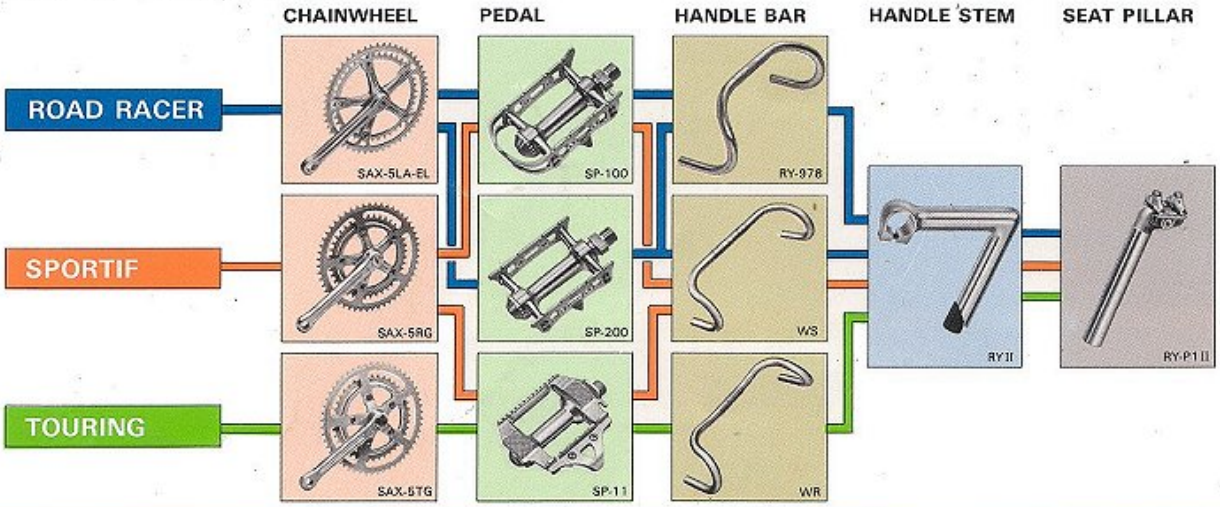
Model	SP-11	SP-100		SP-150	SP-200	SP-350	SP-360	SP-450	SP-451	SP-460	SP-461	SP-550
		AL, BL	CP									
Material	Light alloy	←	← Steel plate	←	←	←	←	←	←	←	←	←
Type	Platform	Quill	←	←	Track	Quill	←	Rat-trap	←	←	←	Rubber
Foot on size	60×88mm	61×100mm	←	←	61×80mm	60×110mm	60×105mm	60×95mm	←	63×100mm	←	65×98mm

SEAT PILLARS

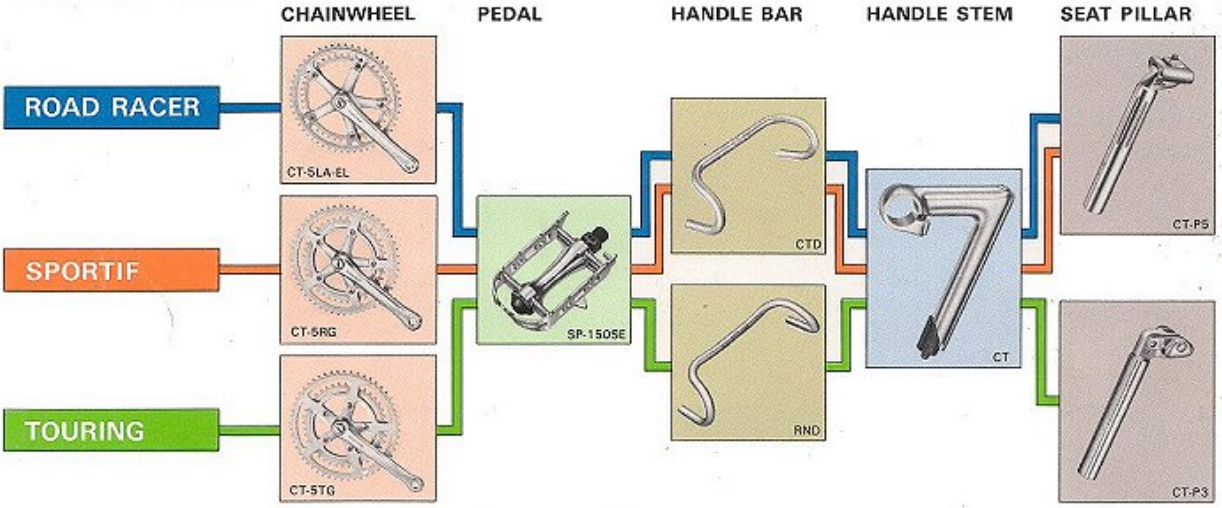
Model	FS	RY		CT			ALUMI	STAINLESS
	P5	P1ESLII	P1II	P3	P5	P6	ASP	SSP
Material	Light alloy	←	←	←	←	←	←	Stainless Steel
	Forged	←	←	Melt-forged	←	←	←	Tube
Length	190mm	195mm	←	←	190mm 220mm	180mm	180mm 235mm	165~300mm
Diam	25.8~27.2mm	26.6~27.2mm	25.8~27.2mm	25.8~27.0mm	25.4~27.2mm	25.4~26.8mm	25.8~27.2mm	22.2~28.6mm

ORIGINAL COMPONENT TABLE

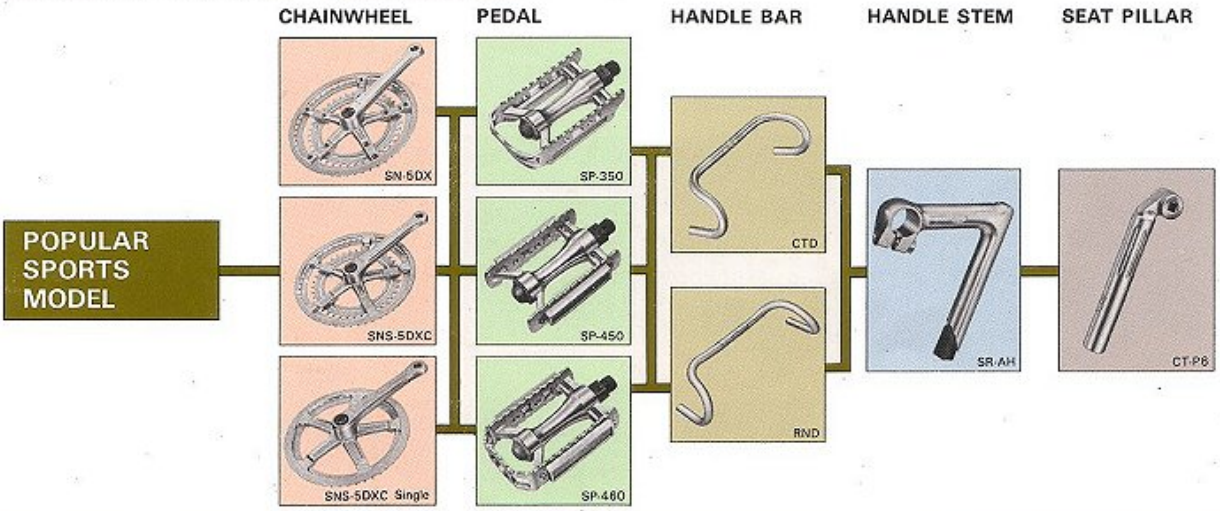
SUPER APEX SERIES



CUSTOM SERIES



SILSTAR SERIES —DX GROUP—



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