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SAKAE BICYCLE PARTS

CATALOG No.18

SR
SAKAE

SAKAE RINGYO CO.,LTD.

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CHAINWHEELS



RY-5ESL



RY-5SL



RY-BBS-ESL



RY-5



RY-S5



RY-BBS

Forged 14S Super Duralumin Cotterless cranks and Cold Rolled 14S Super Duralumin chainrings.
Crank and arm are forged into one piece.
Anodized finish. Top class racing model. Interchangeable with CAMPAGNOLO chainrings.

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 BC⅜"×20T or
M14×P1.25
Chainring : Size ½"×3/32"(2mm)
Teeth 42 to 54T
(Standard teeth 52T×42T)
Weight : 545g(19.1 oz)

Model **RY-BBS-ESL**

ROYAL BOTTOM BRACKET SET ESL

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

Model **RY-5SL**

ROYAL-5 SUPER LIGHT

Drilled holes to reduce the weight.
Crank : Length 165mm(6½") or
170mm(6¾")
Thread BC⅜"×20T or
M14×P1.25
Chainring : Size ½"×3/32"(2mm)
Teeth 42 to 54T
(standard teeth 52T×42T)
Weight : Crank set 595g(20.8 oz)
Available with light alloy chain-guard if requested. Model No. CG-101.

Model **RY-5**

ROYAL-5

Crank : Length 165mm(6½") or
170mm(6¾")
Thread BC⅜"×20T or
M14×P1.25
Chainring : Size ½"×3/32"(2mm)
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

Model **RY-S5**

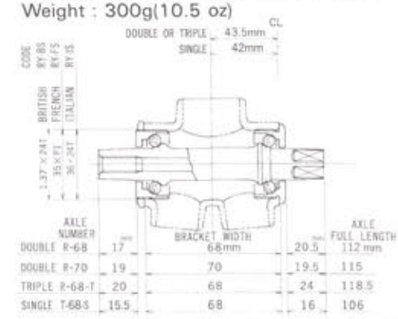
ROYAL-SINGLE 5

Track racing model.
Crank : Length 165mm(6½") or
170mm(6¾")
Thread BC⅜"×20T or
M14×P1.25
Chainring : Size ½"×3/32"(2mm)
or ⅛"(3mm)
Teeth 42 to 54T
Weight : Crank set (48T)535g(18.7 oz)

Model **RY-BBS**

ROYAL BOTTOM BRACKET SET

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



CHAINWHEELS

■SUPER APEX CHAINWHEELS



SAX-5TG
double



SAX-5TG
triple

One piece forged 14S Super Duralumin Cotterless cranks and arm. Cold Rolled 14S Super Duralumin Chainrings. Anodized finish.
Changeable double or triple chainrings.

Model **SAX-5TG**

SUPER APEX-5 TOURING

Crank : Length 170mm(6¾")
Thread BC⅜"×20T or M14×P1.25
Chainring : Size ½"×3/32"(2mm)
Outer 48 to 54 teeth
Middle (in case of triple) 44, 45, 46, 47, 48, teeth.
Inner 28, 32, 34, 36, 40, 42, 44 to 48 teeth.
Interchangeable with STRONGLIGHT 99.
Weight : Crank set (52T×40T) 600g(21 oz)
Available with light alloy chain-guard if requested. Model No. CG-111.

SUPER APEX BOTTOM BRACKET SET

	Bracket Width	AXLE Number	Left	Center	Right	Full length	Chain line
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)

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



SAX-5RG

SAX-3TG
triple

SAX-3TG
double

Model **SAX-5RG**

SUPER APEX-5 RACING

Crank : Length 170mm(6¾")
Thread BC⅜"×20T or M14×P1.25
Chainring : Size ½"×3/32"(2mm)
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) 615g (21.5 oz)
Available with light alloy chain-guard if requested.
Model No. CG-111.

Model **SAX-3TG**

SUPER APEX-3 TOURING

Crank : Length 170mm(6¾")
Thread BC⅜"×20T or M14×P1.25
Chainring : Size ½"×3/32"(2mm)
Outer 48 to 54 teeth.
Middle (in case of triple) 44, 45, 46, 47, 48 teeth.
Inner 28, 32, 34, 36, 40, 42, 44, to 48 teeth.
Interchangeable with SAKAE CUSTOM-3. AX-3TG.
Weight : Crank set (52T×40T) 590g(20.7 oz)
Available with light alloy chain-guard if requested.
Model No. CG-102.

CHAINWHEELS

■APEX CHAINWHEELS



AX-5LASL



AX-5LA

Forged 14S Super Duralumin Cotterless cranks and mounted on arm or chainrings, Cold Rolled 14S Super Duralumin chainrings, Anodized finish.

Model **AX-5LASL**

APEX-5LA 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 BC⅜"×20T or M14×P1.25
Chainring : Size ½"×3/32"(2mm)
Teeth 42 to 54T
(standard teeth 52T×42T)
Weight : Crank set 565g(19.8 oz)
Available with light alloy chainguard if requested.
Model No. CG-101

Model **AX-5LA**

APEX-5LA

Interchangeable with SAKAE RY-5 and CAMPAGNOLO
Crank : Length 165mm(6½") or 170mm(6¾")
Thread BC⅜"×20T or M14×P1.25
Chainring : Size ½"×3/32"(2mm)
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-5MASL



AX-3FA



AX-5MA

Model **AX-5MASL**

APEX-5MA SUPER LIGHT

Interchangeable with SHIMANO DURA-ACE.
Drilled holes to reduce the weight.
Crank : Length 165mm(6½") or 170mm(6¾")
Thread BC⅜"×20T or M14×P1.25
Chainring : Size ½"×3/32"(2mm)
Outer 50, 52 teeth
Inner 39, 42 teeth
Weight : Crank set 590g(20.7 oz)

Model **AX-5MA**

APEX-5MA

Interchangeable with SHIMANO DURA-ACE.
Crank : Length 165mm(6½") or 170mm(6¾")
Thread BC⅜"×20T or M14×P1.25
Chainring : Size ½"×3/32"(2mm)
Outer 48, 50, 52 teeth
Inner 39, 40, 42, 44, 46, 47, 48 teeth
(standard teeth 52T×42T)
Weight : Crank set 610g(21.4 oz)
Available with light alloy chainguard if requested.
Model No. CG-111.

Model **AX-3FA**

APEX-3FA

Interchangeable with FRENCH(BNA) Chanrings.
Crank : Length 165mm(6½") or 170mm(6¾")
Thread BC⅜"×20T or M14×P1.25
Chainring : Size ½"×3/32"(2mm)
Outer 52 teeth
Inner 42 teeth
Weight : Crank set 610g(21.3 oz)
Available with light alloy chainguard if requested.
Model CG-102.

CHAINWHEELS



AX-5RG II



AX-5SD II AH

Model **AX-5RG II**

APEX-5RG II

Crank : Length 165mm(6½") or 170mm(6¾")
Thread BC⅞"×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.
Weight : Crank set 600g (21 oz)
Available with light alloy chainguard if requested.
Model No. CG-111.

Model **AX-5SD II AH**

APEX-5SD II AH

Changeable only inner chainring.
Crank : Length 165mm(6½") or 170mm(6¾")
Thread BC⅞"×20T or M14×P1.25
Chainring : Size ½"×⅜"(2mm)
Outer 48 to 54 teeth
Inner 36, 39, 40, and 42 to 48 teeth
(standrd teeth 52T×40T)
Interchangeable with SAKAE AX-5RG II.
Weight : Crank set 595g (20.8 oz)
Available with light alloy chainguard if requested.
Model No. CG-111.

APEX BOTTOM BRACKET SET

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

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	42.0
"	5SP	"	"	48.0	144.0	46.0
"	5SS	42.5	"	48.0	145.5	46.0
"	5T	45.5	"	49.5	150.0	47.5
"	5U	"	"	51.0	151.5	49.0



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

SILSTAR CHAINWHEELS



SI-5DRGAH



SI-5DRGE

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

Model SI-5DRG AH

SILSTAR-5DRG AH

Mounted on Melt-forged five arm. Five-arm bright finished.
14S Super Duralumin chainrings.
Crank : Length 165mm(6½") 170mm(6¾") 175mm(7")
Thread BC⅞"×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-5RG II
Weight : Crank set 610g(21.3 oz)
Available with light alloy chainguard if requested.
Model No. CG-110.

Model **SI-5DRG E**

SILSTAR-5DRG E

Mounted on Melt-forged five arm. Five-arm bright finish, chainrings C-P Steel glossyless.
Crank : Length 165mm(6½") 170mm(6¾") 175mm(7")
Thread BC⅞"×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-5RG II
Weight : Crank set 870g(30.4 oz)
Available with chainguard if requested.
Model No. CG-110, CG-550L, S.



SI-5SDIIAH



SI-5SDIIE

Model **SI-5SDIIAH**

SILSTAR-5SDIIAH

14S Super Duralumin chainring.
Changeable only inner chainring.
Crank : Length 152mm(6")
165mm(6½")
170mm(6¾")
175mm(7")
Thread BC⅜"×20T or M14×P1.25
Chanring : Size ½"×3/32"(2mm)
Outer 48 to 54 teeth
Inner 36, 39, 40, 42 and 44 to 48 teeth
(standard teeth 52T ×40T)
Weight : Crank set 585g (20.5 oz)
Available with light alloy chainguard if requested.
Model No. CG-110.

Model **SI-5SDIIE**

SILSTAR-5SDIIE

Glossyless C-P Steel chainrings.
Changeable only inner chainring.
Crank : Length 152mm(6")
165mm(6½")
170mm(6¾")
175mm(7")
Thread BC⅜"×20T or M14×P1.25
Chainring : Size ½"×3/32"(2mm)
Outer 48 to 54 teeth
Inner 36, 39, 40, 42 and 44 to 48 teeth
(standrd teeth 52T ×40T)
Weight : Crank set 860g (30.1 oz)
Available with chainguard if requested.
Model No.CG-110, CG-550L, S.

SC BOTTOM BRACKET SET

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

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	41.0
"	5SP	"	"	48.0	144.0	45.0
"	5SS	42.5	"	48.0	145.5	45.0
"	5T	45.5	"	49.5	150.0	46.5
"	5U	"	"	51.0	151.5	48.0



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



SI-3DFA



SI-6½'single



SI-3½"



SI-5"

Model **SI-3DFA**

SILSTAR-3DFA

Mounted on Melt-forged three arm.
Three-arm bright finish.
Chainrings 14S Super Duralumin.
Crank : Length 165mm(6½")
170mm(6¾")
175mm(7")
Thread BC⅜"×20T or M14×P1.25
Chainring : Size ½"×3/32"(2mm)
Outer 52 teeth
Inner 42 teeth
Interchangeable with FRENCH (BNA) Chanrings.
Weight : Crank set 600g(21 oz)

Model **SI-S**

SILSTAR SINGLE

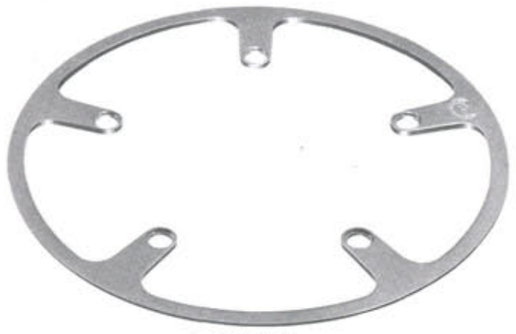
Length
89mm(3½") 114mm(4½")
127mm(5") 152mm(6")
165mm(6½") 170mm(6¾")
175mm(7")
Height 28.5mm(1⅛")
Thread BC⅜"×20T or M14×P1.25
Chainring
Material 14S Super Duralumin or Steel.
Size ½"×3/32"(2mm) or ⅛"(3mm)
Teeth 28, 32, 33, 34, 36, 40, 42, 44, 46, 48, 50, 52, 54.
Weight
Crank set (48T Steel 170mm) 640g(22.4 oz)
(36T Steel 127mm) 420g(14.7 oz)

Please specify following details with your order.

Example

Model	Length	Thread	Teeth	Material
SI-5SDIIAH	**170**	**BC**	**52×40⅜**	**AL** (light alloy)
				CP (steel chrome plating)
				UP (steel zinc plating)

CHAIN GUARDS



CG-101



CG-102



CG-110



CG-111



CG-501 TYPE 52



CG-501 TYPE 48



CG-550 TYPE 52



CG-550 TYPE 48

Model CG-101

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

TYPE	Diam	For teeth	Weight
50	217mm(8⁹⁄₁₆")	50 or 51	70g(2.5 oz)
52	225mm(8⅞")	52 or 53	75g(2.6 oz)

Model CG-102

Made of light alloy.
Suitable for : APEX-3TG, 3FA.

TYPE	Diam	For teeth	Weight
48	207mm(8⅛")	48 or 49	53g(1.9 oz)
50	215mm(8½")	50 or 51	54g(1.9 oz)
52	223mm(8¾")	52 or 53	56g(2.0 oz)

Model CG-110

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

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

Model CG-111

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

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

Model CG-501L, CG-501S

L TYPE : Made of light alloy.
S TYPE : Made of steel.
Suitable for : SILSTAR

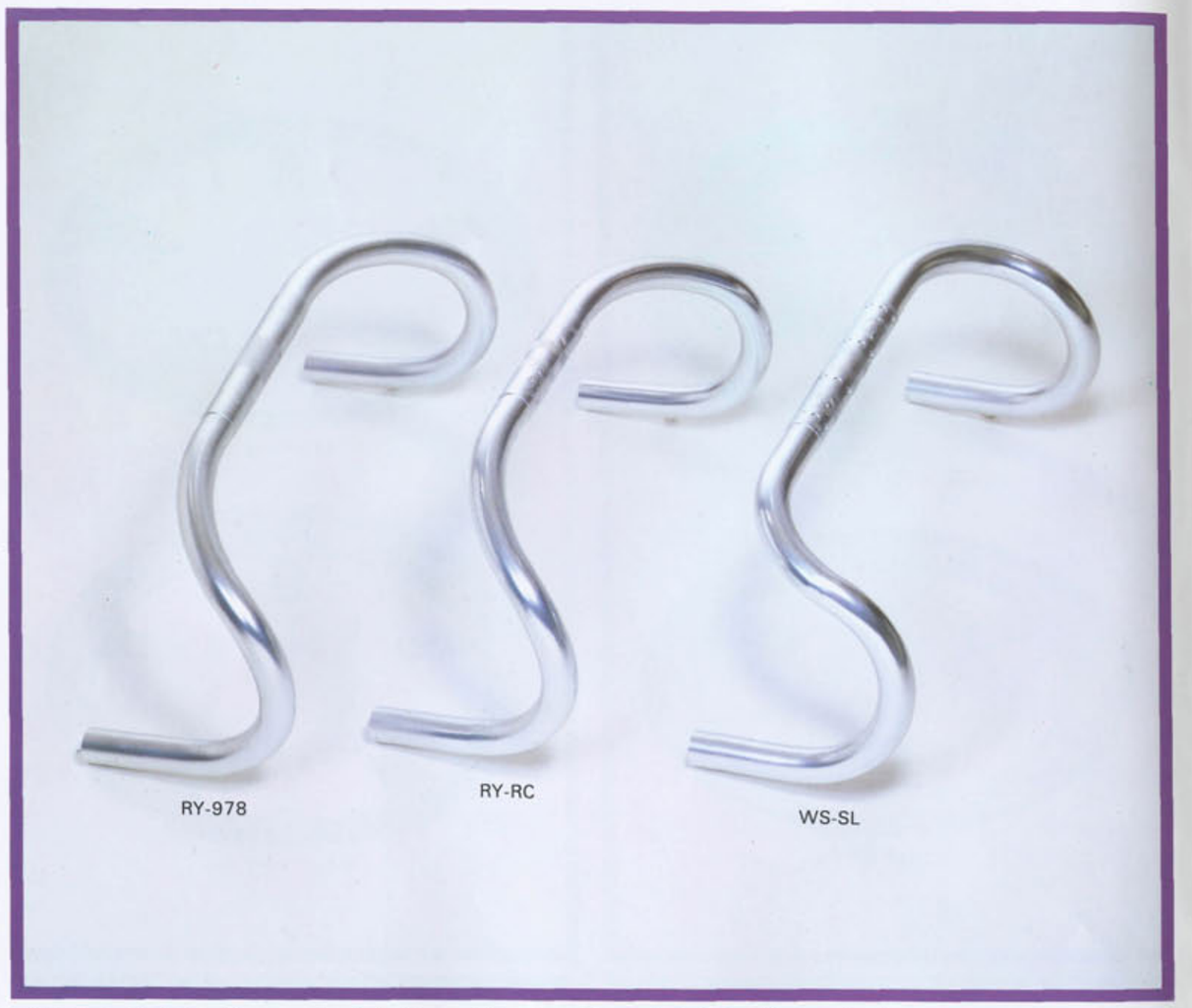
TYPE	Diam	For teeth	Weight	
			L	S
48	214mm(8⁷⁄₁₆")	48 or 49	55g(1.9 oz)	90g(3.2 oz)
52	225mm(8⅞")	50 or 52	65g(2.3 oz)	105g(3.7 oz)
52B	241mm(9½")	52	—	130g(4.6 oz)

Model CG-550L, CG-550S

L TYPE : Made of light alloy.
S TYPE : Made of steel.
Suitable for : SILSTAR-5SDE, 5DRGE.

TYPE	Diam	For teeth	Weight	
			L	S
48	220mm(8⅝")	48 or 50	58g(2.0 oz)	—
52	223mm(8¾")	52 or 53	50g(1.8 oz)	120g(4.2 oz)

HANDLE BAR BENDS



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

Model **RY-978**
ROYAL-978

Made of light alloy.
Bar center double tube.
Diam : 23.8mm(15/16")
Reach : 75mm(3")

Model	Dropped	Width	Weight
RY-978-380	145mm(5 3/4")	380mm(15")	290g(10.2 oz)
RY-978-400	160mm(6 1/4")	400mm(15 3/4")	300g(10.5 oz)
RY-978-420	160mm(6 1/4")	420mm(16 1/2")	305g(10.7 oz)

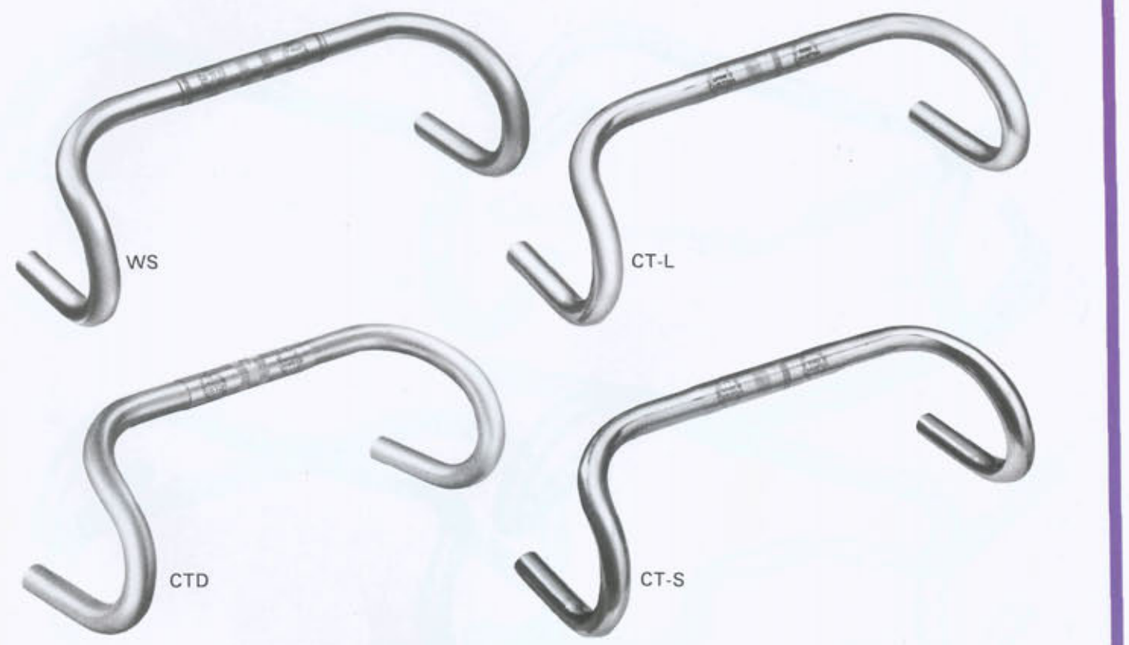
Model **RY-RC**
ROYAL-RACER

Made of light alloy.
Track racing model.
Bar center 90mm(3 9/16") double tube.
Diam : 23.8mm(15/16")
Dropped : 145mm(5 3/4")
Width : 370mm(14 1/2")
Reach : 80mm(3 1/8")
Weight : 280g(13.3 oz)

Model **WS-SL**
WS-SLB (centertube Black)
WORLD CUSTOM-SL

Made of light alloy.
Bar center 135mm(5 5/16") double tube.
Drilled holes.
Diam : 23.8mm(15/16")
Dropped : 130mm(5 1/8")
Reach : 96mm(3 11/16")

Model	Dropped	Width	Weight
WS-370SL	130mm(5 1/8")	370mm(14 1/2")	300g(10.5 oz)
WS-390SL	130mm(5 1/8")	390mm(15 3/8")	300g(10.5 oz)
WS-420SL	160mm(6 1/4")	420mm(16 1/2")	305g(10.7 oz)



Model **WS**
WORLD CUSTOM

Made of light alloy.
Bar center 135mm(5 5/16") double tube.
Diam : 23.8mm(15/16")
Reach : 96mm(3 11/16")

Model	Dropped	Width	Weight
WS-370	130mm(5 1/8")	370mm(14 1/2")	305g(10.7 oz)
WS-390	130mm(5 1/8")	390mm(15 3/8")	305g(10.7 oz)
WS-420	160mm(6 1/4")	420mm(16 1/2")	310g(10.9 oz)

Model **CT-L**
CUSTOM-L

Made of light alloy.
Bar center 135mm(5 5/16") bulge.
Diam : 23.8mm(15/16")
Reach : 96mm(3 11/16")

Model	Dropped	Width	Weight
CT-370L	130mm(5 1/8")	370mm(14 1/2")	290g(10.2 oz)
CT-390L	130mm(5 1/8")	390mm(15 3/8")	290g(10.2 oz)
CT-420L	160mm(6 1/4")	420mm(16 1/2")	305g(10.7 oz)

Model **CTD**
CUSTOM DOUBLE TUBE

Made of light alloy.
Bar center : 135mm(5 5/16") double tube.
Only center tube : anodized finish.
Diam : 23.8mm(15/16")
Reach : 96mm(3 11/16")

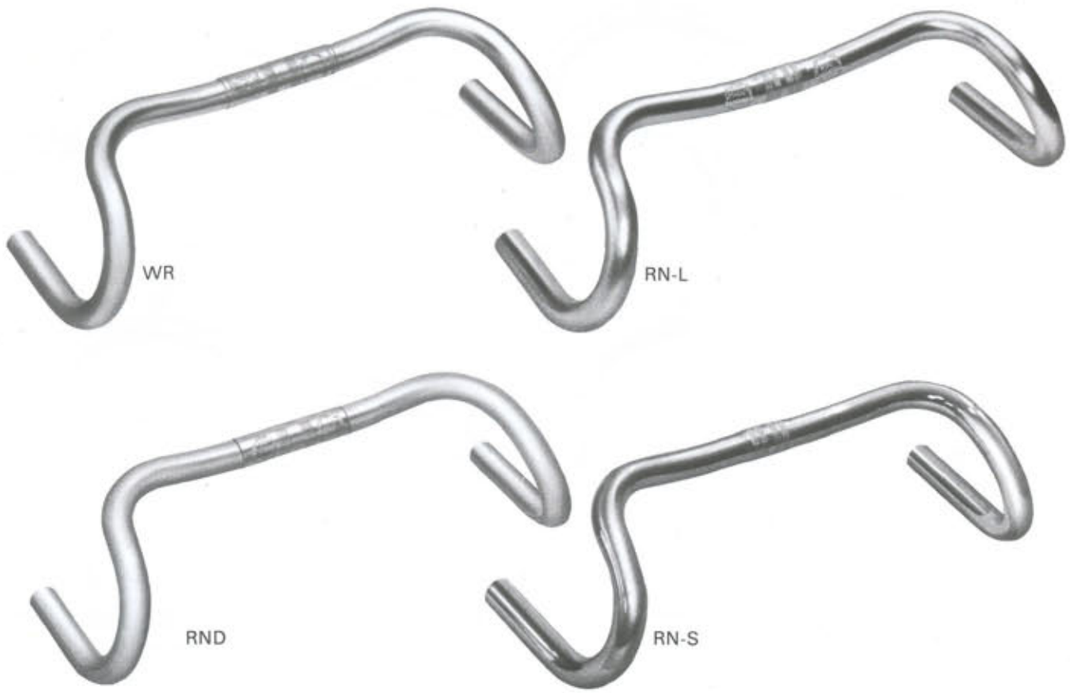
Model	Dropped	Width	Weight
CTD-370L	130mm(5 1/8")	370mm(14 1/2")	305g(10.7 oz)
CTD-390L	130mm(5 1/8")	390mm(15 3/8")	305g(10.7 oz)
CTD-420L	160mm(6 1/4")	420mm(16 1/2")	310g(10.9 oz)

Model **CT-S**
COSTOM-S

Made of steel.
Bar center 135mm(5 5/16") bulge.
Diam : 23.8mm(15/16")
Reach : 96mm(3 11/16")

Model	Dropped	Width	Weight
CT-360S	135mm(5 3/8")	360mm(14 1/8")	615g(21.5 oz)
CT-390S	130mm(5 1/8")	390mm(15 3/8")	615g(21.5 oz)

HANDLE BAR BENDS



Model **WR**
WORLD RANDONNEUR

Made of light alloy.
Bar center 95mm(3¾") double tube.
Diam : 23.8mm(15/16")
Dropped : 110mm(4⅜")
Width : 420mm(16½")
Reach : 97mm(3¹³/₁₆")
Weight : 305g(10.7 oz)

Model **RN-L**
RANDONNEUR-L

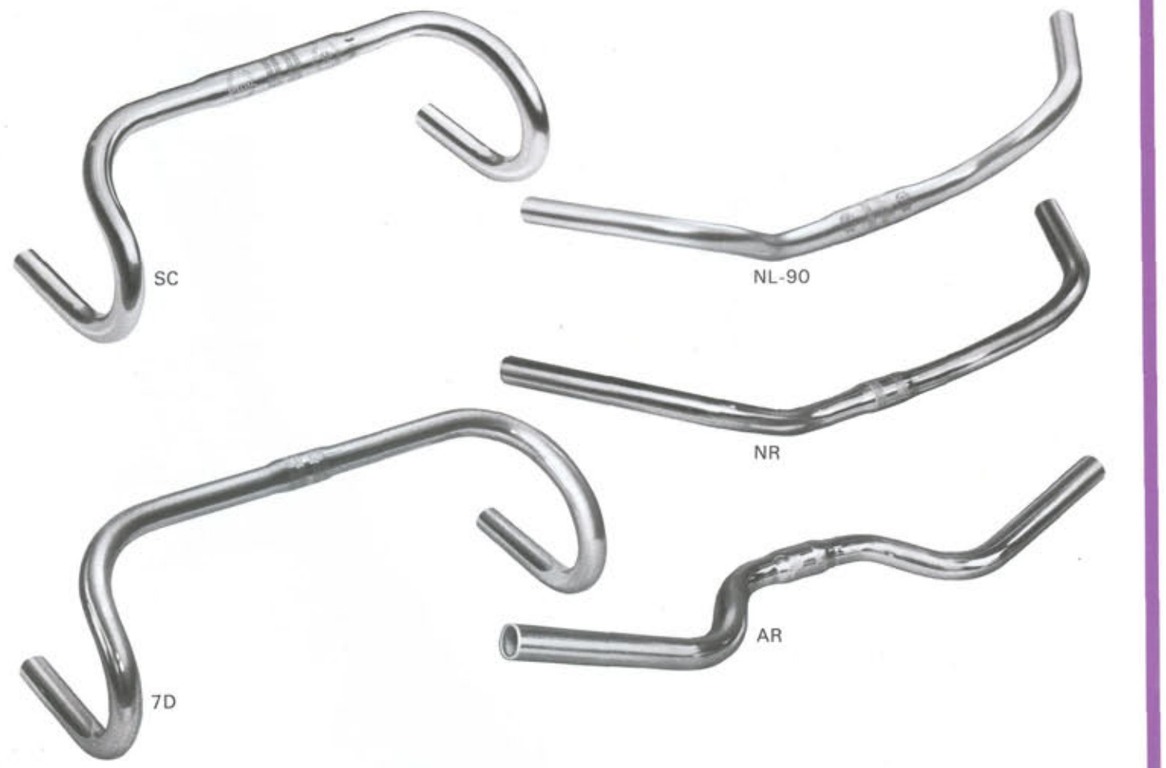
Made of light alloy.
Bar center 32mm(1¼") bulge.
Diam : 23.8mm(15/16")
Dropped : 112mm(4⅜")
Width : 420mm(16½")
Reach : 97mm(3¹³/₁₆")
Weight : 290g(10.2 oz)

Model **RND**
RANDONNEUR DOUBLE TUBE

Made of light alloy.
Bar center 95mm(3¾") double tube.
Only center tube : anodized finish.
Diam : 23.8mm(15/16")
Dropped : 110mm(4⅜")
Width : 420mm(16½")
Reach : 97mm(3¹³/₁₆")
Weight : 305g(10.7 oz)

Model **BN-S**
RANDONNEUR-S

Made of steel.
Bar center 32mm(1¼") bulge.
Diam : 23.8mm(15/16")
Dropped : 107mm(4¼")
Width : 395mm(15½")
Reach : 102mm(4")
Weight : 680g(23.8 oz)



Model **SC**
SPECIAL

Made of steel.
Bar center 120mm(4¾") bulge.
Diam : 22.2mm(7/8")
Dropped : 130mm(5⅛")
Width : 390mm(15⅜")
Reach : 96mm(3¹³/₁₆")
Weight : 530g(22.1 oz)

Model **NL-90**
NORTH-ROAD 90

Made of light alloy.
Bar center : 90mm(3½") bulge.
Diam : 22.2mm(7/8")
Raised : 63mm(2½")
Width : 520mm(20½")
Weight : 220g(7.7 oz)

Model **NR-S NR-L**
NORTH-ROAD

S type : Made of steel.
L type : Made of light alloy.
Bar center : 32mm(1¼") bulge.
Diam : 22.2mm(7/8")
Raised : 50mm(2")
Width : 520mm(20½")
Weight : S type 520g(18.2 oz)
: L type 250g(8.8 oz)

Model **7D**
7/8 DROP

Made of steel.
Bar center 32mm(1¼") bulge.
Diam : 22.2mm(7/8")
Dropped : 130mm(5⅛")
Width : 390mm(15⅜")
Reach : 96mm(3¹³/₁₆")
Weight : 630g(22.1 oz)

Model **AR-S AR-L**
ALL-ROUNDER

S type : Made of steel.
L type : Made of light alloy.
Bar center : 32mm(1¼") bulge.
Diam : 22.2mm(7/8")
Raised : 48mm(1⅞")
Width : 508mm(20")
Weight : S type 415g(14.5 oz)
: L type 180g(6.3 oz)

HANDLE STEMS

■NEW ROYAL STEMS



NRY-ESL

Forged 14S Super Duralumin stem. Anodized finish. 6mm expander bolt and binder bolt. Socket 5mm hex.
Top class racing model.

Model **NRY-ESL**

NEW ROYAL EXTRA SUPER LIGHT

Extra machinings are perfomed 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
NRY-130ESL	130mm(5⅛")	135mm(5⅜")	225g(7.9 oz)
NRY-120ESL	120mm(5¾")	135mm(5⅜")	218g(7.6 oz)
NRY-110ESL	110mm(4⅜")	135mm(5⅜")	210g(7.4 oz)
NRY-100ESL	100mm(4")	135mm(5⅜")	203g(7.1 oz)
NRY-90ESL	90mm(3½")	135mm(5⅜")	195g(6.8 oz)
NRY-80ESL	80mm(3⅛")	135mm(5⅜")	188g(6.6 oz)
NRY-70ESL	70mm(2¾")	135mm(5⅜")	180g(6.3 oz)



NRY-SL



NRY

RY-TY

Model **RY-TY**

ROYAL TRACK

Forged 14S Super Duralumin stem.
Anodized finish. Socket 6mm hex.
Highest track racing model.
Diam : 22.2mm(⅞")
Length : 130mm(5⅛")

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

Model **NRY-SL**

NEW ROYAL SUPER LIGHT

Milled to reduce the weight.
High-tension Steel 6mm expande bolt and binder bolt.
Diam : 22.2mm

Model	Extension	Length	Weight
NRY-130SL	130mm(5⅛")	135mm(5⅜")	275g(9.6 oz)
NRY-120SL	120mm(5¾")	135mm(5⅜")	265g(9.3 oz)
NRY-110SL	110mm(4⅜")	135mm(5⅜")	255g(8.9 oz)
NRY-100SL	100mm(4")	135mm(5⅜")	245g(8.6 oz)
NRY-90SL	90mm(3½")	135mm(5⅜")	235g(8.2 oz)
NRY-80SL	80mm(3⅛")	135mm(5⅜")	220g(7.7 oz)
NRY-70SL	70mm(2¾")	135mm(5⅜")	215g(7.5 oz)

Model **NRY**

NEW ROYAL

High-tension steel 6mm expander bolt and binder bolt.
Diam : 22.2mm
0.833", 0.865", 22.0mm to order.

Model	Extension	Length	Weight
NRY-130	130mm(5⅛")	135mm(5⅜")	310g(10.9 oz)
NRY-120	120mm(5¾")	135mm(5⅜")	298g(10.4 oz)
NRY-110	110mm(4⅜")	135mm(5⅜")	285g(10 oz)
NRY-100	100mm(4")	135mm(5⅜")	273g(9.5 oz)
NRY-90	90mm(3½")	135mm(5⅜")	260g(9.1 oz)
NRY-80	80mm(3⅛")	135mm(5⅜")	248g(8.7 oz)
NRY-70	70mm(2¾")	135mm(5⅜")	235g(8.2 oz)

HANDLE STEMS

■ APEX STEMS



AX-AH

Forged 14S Super Duralumin stem. Anodized finish.
Allen head expander bolt, and binder bolt. Socket 6mm hex.
Extension 60mm to 140mm, in steps of 10mm.
Diam : 22.2mm(7/8")
0.833", 0.865", 22.0mm to order.

Model	Extension	Length	Weight
AX-140AH	140mm(5 1/2")	150mm(5 7/8")	400g(14 oz)
AX-130AH	130mm(5 1/8")	150mm(5 7/8")	380g(13.3 oz)
AX-120AH	120mm(5 3/4")	150mm(5 7/8")	360g(12.6 oz)
AX-110AH	110mm(4 3/8")	150mm(5 7/8")	350g(12.3 oz)
AX-100AH	100mm(4")	150mm(5 7/8")	340g(12.0 oz)
AX-90AH	90mm(3 1/2")	150mm(5 7/8")	330g(11.6 oz)
AX-80AH	80mm(3 1/8")	150mm(5 7/8")	320g(11.2 oz)
AX-70AH	70mm(2 3/4")	150mm(5 7/8")	310g(10.9 oz)
AX-60AH	60mm(2 3/8")	150mm(5 7/8")	300g(10.5 oz)
AX-60AH	60mm(2 3/8")	180mm(7 1/16")	330g(11.6 oz)

■ SR STEMS



SR-AH

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

Model	Extension	Length	Weight
SR-100AH	100mm(4")	150mm(5 7/8")	340g(11.9 oz)
SR-80AH	80mm(3 1/2")	150mm(5 7/8")	310g(10.9 oz)
SR-80AH	80mm(3 1/2")	180mm(7 1/16")	340g(11.9 oz)
SR-60AH	60mm(2 3/8")	180mm(7 1/16")	320g(11.2 oz)
SR-60AH	60mm(2 3/8")	230mm(9")	365g(12.8 oz)
SR-50AH	50mm(2")	180mm(7 1/16")	305g(10.7 oz)
SR-80E	80mm(3 1/8")	150mm(5 7/8")	310g(10.9 oz)
SR-60E	60mm(2 3/8")	180mm(7 1/16")	320g(11.2 oz)
SR-50E	50mm(2")	180mm(7 1/16")	305g(10.7 oz)



Model **JUN-50**

JUN-50

Melt-forged high-strength Rustless light alloy stem with expander wedge.
Extension : 50mm(2")
Length : 150mm(5 7/8") or 180mm(7")
Diam : 150mm length 0.833"
180mm length 22.0, 22.2mm
Weight : (150mm) 270g(9.5 oz)
(180mm) 310g(10.9 oz)

Model **SS-30**

SUPER STEEL

Made of steel.
Expander cone type.
Extension : 30mm(1 3/16")
Length : 190mm(7 1/2") or 230mm(9")
Diam : 22.2mm
Weight : (190mm) 340g(11.9 oz)
(230mm) 400g(14.0 oz)

Model **SW 50AH, SW-50E**

SWAN-50AH, E

Melt-forged high-strength Rustless light alloy stem.
AH Type : Allen head expander bolt and binder bolt.
E Type : hexagon head bolt.
Extension : 50mm(2")
Length : 210mm(8 1/4")
Diam : 22.2 or 22.0mm
Weight : 330g(11.6 oz)

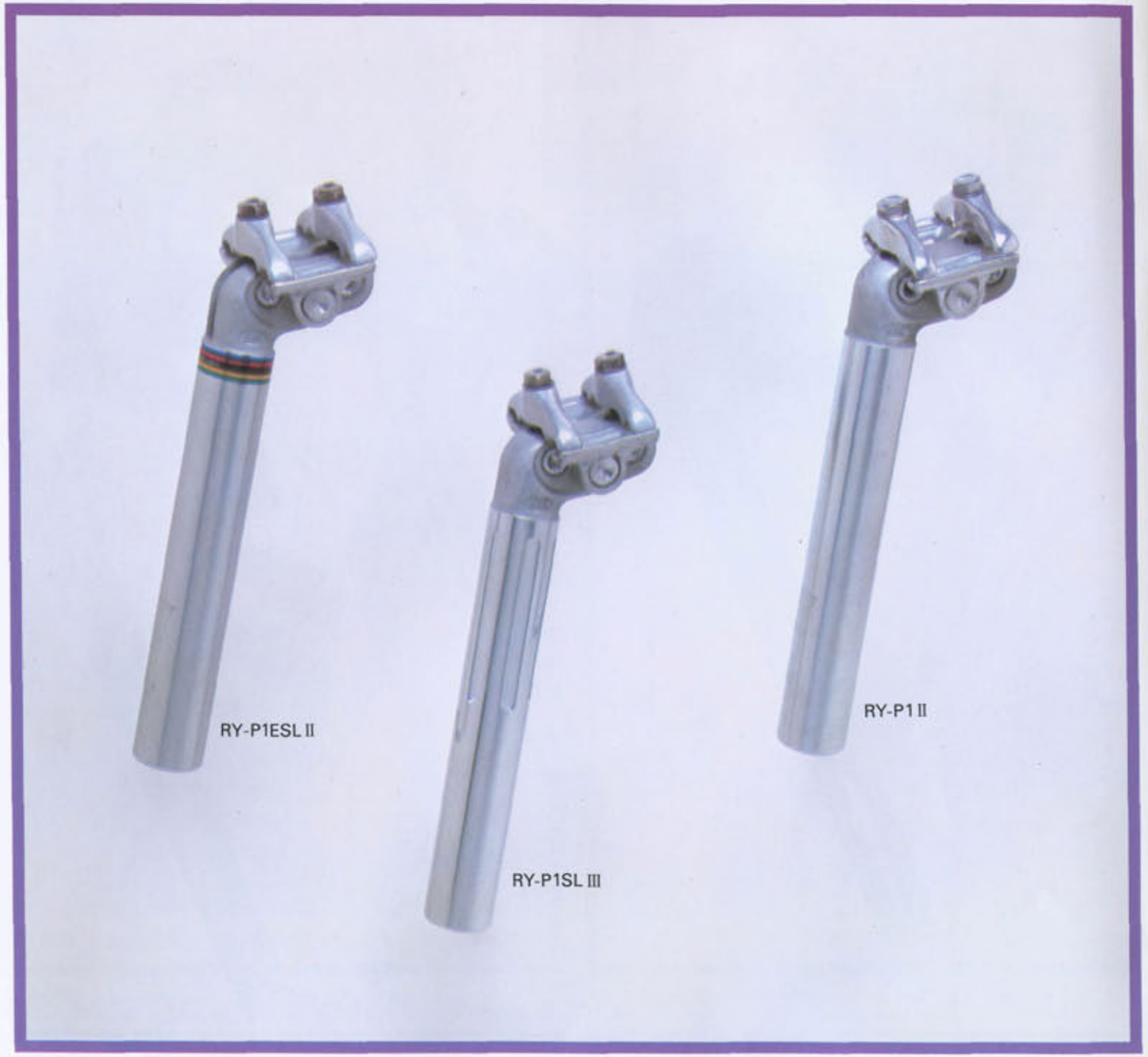
Model **SW-50×135**
SW-50×135B
(Black Anodized)

SWAN-50×135

Melt-forged Rustless light alloy.
Special strong type.
Extension : 50mm(2")
Length : 135mm(5 3/8")
Diam : 0.833"
Weight : 280g(9.8 oz)

SEAT PILLARS

■ROYAL SEAT PILLARS



Forged 14S Super Duralumin pillar, bracket and supporter. Anodized finish.

Model **RY-P1ESL** II
ROYAL-P1EXTRA SUPER LIGHT II

Extra machinings are perfomed 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(7 11/16")
Diameter : 26.6, 26.8, 27.0. 27.2, 27.4mm
Weight : 210g(2.4 oz)

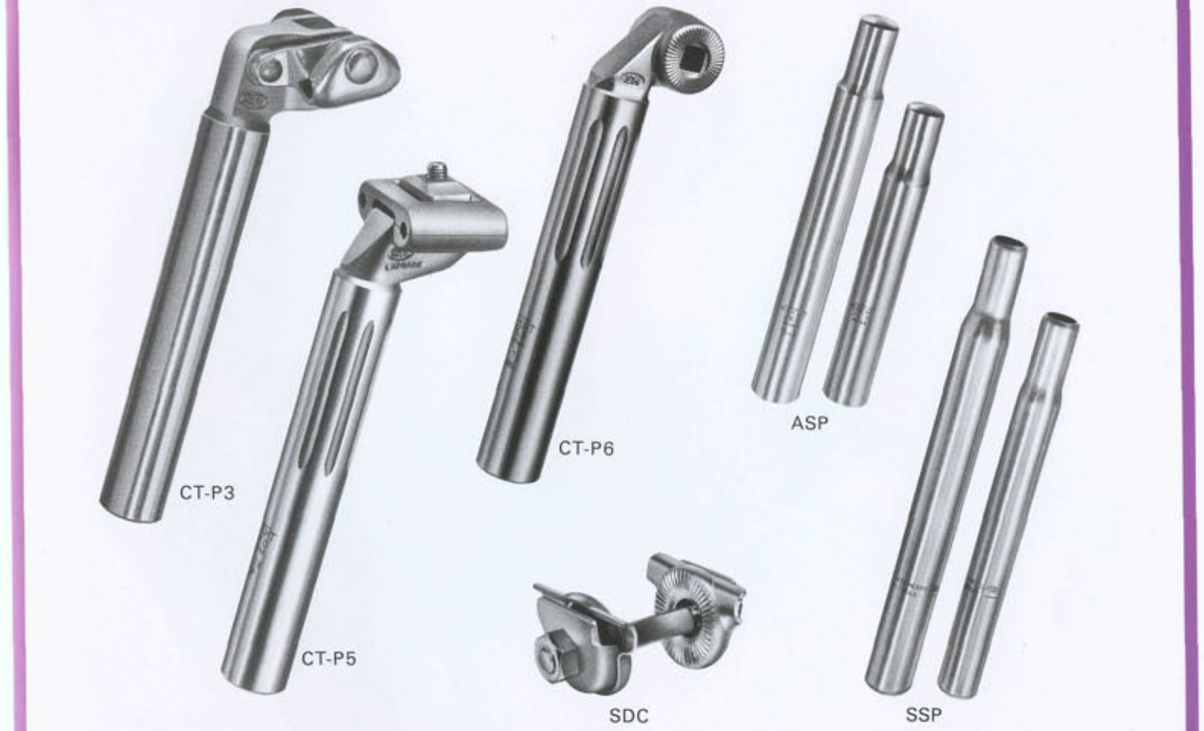
Model **RY-P1SL** III
ROYAL-P1 SUPER LIGHT III

Milled pillar to reduce the weight.
Saddle wire width : 45mm(1¾")
pillar length : 195mm(7 11/16")
Diameter : 26.6, 27.0, 27.2mm
Weight : 260g(9.1 oz)

Model **RY-P1** II
ROYAL-P1 II

Saddle wire width : 45mm(1¾")
Pillar length : 195mm(7 11/16")
Diam : 25.8, 26.0, 26.2, 26.4, 26.6, 26.8, 27.0, 27.2mm
Weight : 310g(10.9 oz)

■CUSTOM SEAT PILLARS



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

Model **CT-P3**
CUSTOM-P3

Saddle wire width : 45mm(1¾")
Pillar rength : 195mm(7 11/16")
Diam : 25.8, 26.0, 26.2, 26.4, 26.6, 26.8, 27.0mm
Weight : 295g(10.4 oz)

Model **CT-P5**
CUSTOM-P5(SAKAE LAPRADE)

Adjustment and fixing by a single bolt from below.
Saddle wire width : 43mm(1 11/16")
Pillar rength : 190mm(7½"),220mm(8 5/8")
Diam : 25.8, 26.0, 26.2, 26.4, 26.6, 26.8, 27.0, 27.2mm
Weight : (190mm) 250g(8.8 oz)
(220mm) 270g(9.5 oz)

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

Pillar rength : 180mm(7")
Diam : 25.4, 25.6, 25.8, 26.0, 26.2 26.4, 26.6, 26.8mm
Weight : 170g(6 oz)

Model **SDC**
SADDLE CLAMP

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

Model **ASP**
ALUMI SEAT POST

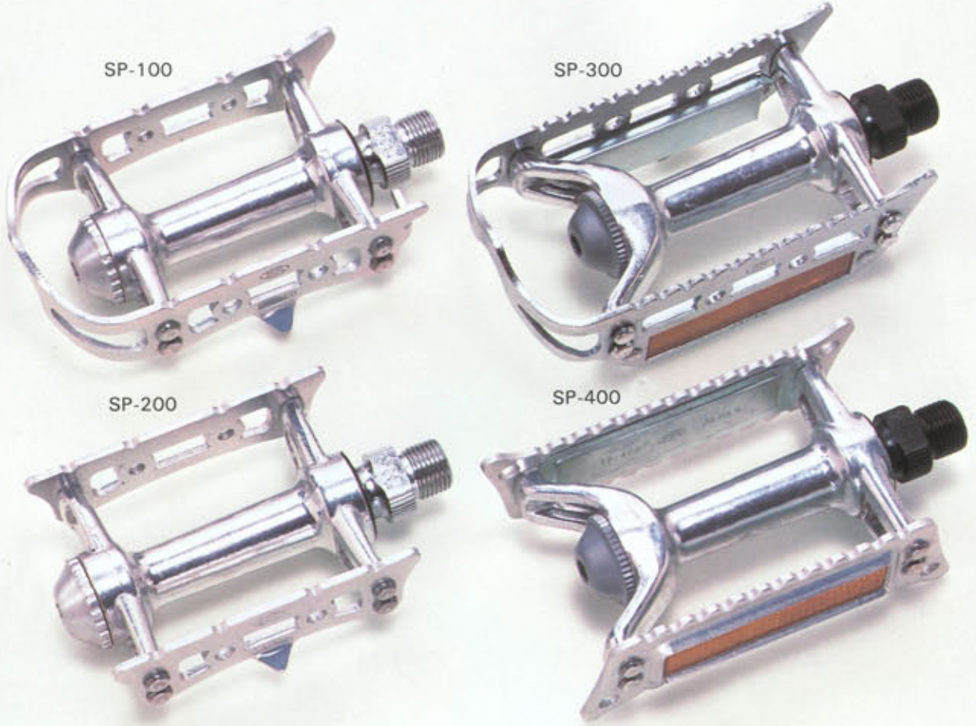
Melt-forged high-strength Rustless light alloy post.
Length : 180mm(7") or 235mm(9¼")
Diam : 25.8, 26.0, 26.2, 26.4, 26.6, 28.8, 27.0, 27.2mm

Model **SSP**
STAINLESS SEAT POST

Made of Stainless steel tube.

Model	Diametet	Length	Weight
SSP-2216	22.2mm(7/8")	165mm(6½")	86g(3 oz)
SSP-2218	22.2mm(7/8")	180mm(7")	94g(3.3 oz)
SSP-5424	25.4mm(1")	240mm(9½")	142g(5 oz)
SSP-5426	25.4mm(1")	260mm(10¼")	154g(5.4 oz)
SSP-5430	25.4mm(1")	300mm(11¾")	160g(5.6 oz)
SSP-5816	25.8mm(1 1/16")	160mm(6¼")	98g(3.4 oz)
SSP-5818	25.8mm(1 1/16")	180mm(7")	110g(3.9 oz)
SSP-5819	25.8mm(1 1/16")	190mm(7½")	116g(4.1 oz)
SSP-5822	25.8mm(1 1/16")	220mm(8⅝")	134g(4.7 oz)
SSP-5828	25.8mm(1 1/16")	280mm(11")	170g(6 oz)
SSP-6218	26.2mm(1 1/32")	180mm(7")	109g(3.8 oz)
SSP-6220	26.2mm(1 1/32")	200mm(7⅞")	121g(4.2 oz)
SSP-6223	26.2mm(1 1/32")	230mm(9")	140g(4.9 oz)
SSP-6225	26.2mm(1 1/32")	250mm(9⅞")	152g(5.3 oz)
SSP-8626	28.6mm(1 1/8")	260mm(10¼")	170g(6 oz)
SSP-8628	28.6mm(1 1/8")	280mm(11")	182g(6.4 oz)
SSP-8630	28.6mm(1 1/8")	300mm(11¾")	193g(6.8 oz)

PEDALS



New products developped by SR Improved Technology.
Super Melt-forged light alloy one piece body. With screwed dust cap.

Model **SP-100AL** (Alloy plates)
SP-100BL (Alloy plates black finish)
SP-100CP (Steel plates)

SILSTAR PEDAL-100AL, BL, CP

Quill type.
Size : 62mm(2 7/16")
Width : 60mm(2 3/8")
Thread : BC 9/16"×20T or M14×P1.25
Weight : 100AL, BL 345g(12.8 oz)
100CP 420g(14.7 oz)
Toe clip, Strap and Reflector attachable.

Model **SP-200AL** (Alloy plates)
SP-200BL (Alloy plates black finish)

SILSTAR PEDAL-200AL, BL

Rat-trap type.
Size : 62mm(2 7/16")
Width : 60mm(2 3/8")
Thread : BC 9/16"×20T or M14×P1.25
Weight : 345g(12.1 oz)

Model **SP-300AL** (Alloy plates)
SP-300CP (Steel plates)

SILSTAR PEDAL-300AL, CP

Quill type, with reflector.
Size : 80mm(3 1/8")
Width : 60mm(2 3/8")
Thread : BC 9/16"×20T or M14×P1.25
Weight : 300AL 405g(14.2 oz)
300CP 490g(17.2 oz)

Model **SP-400AL** (Alloy plates)
SP-400CP (Steel plates)

SILSTAR PEDAL-400AL, CP

Both sides serrated. With reflector.
Size : 80mm(3 1/8")
Width : 60mm(2 3/8")
Thread : BC 9/16"×20T or M14×P1.25
Weight : 400AL 405g(14.2 oz)
400CP 470g(16.5 oz)



Model **SP-401AL** (Alloy plates)
SP-401CP (Steel plates)
SP-401CPR (Steel plates with reflector)

SILSTAR PEDAL-401AL, CP, CPR

Both sides serrated.
Size : 80mm(3 1/8")
Width : 60mm(2 3/8")
Thread : BC 9/16"×20T or M14×P1.25
Weight : 401AL 360g(12.6 oz)
401CP 440g(15.4 oz)
401CPR 500g(17.5 oz)

Model **SP-500FW** (White rubber)
SP-500FB (Black rubber)

SILSTAR PEDAL-500FW, FB

Full rubber type.
Size : 80mm(3 1/8")
Width : 72mm(2 7/8")
Thread : BC 9/16"×20T or M14×P1.25
Weight : 520g(18.2 oz)

PEDAL ACCESSORYS

SR TOE CLIP
Made of Special Steel, C-P.
Size : S, M, L
Weight : Set 80g(2.8 oz)

SR STRAP
Size : 400mm
Colour : Black
Weight : Set 50g(1.8 oz)

PEDAL REFLECTORS
Amber color plastic wide angle lenses.
Lens size : 64mm(2 1/2")×15mm(19/32")
Weight : One set(4 pieces) 60g(2.1 oz)
Meet C. P. S. C standard.

HUBS



New products developped by SR Improved Technology.
Super Melt-forged light alloy one piece hub shell precision machining finish.

Model **SH-100QR**

SILSTAR HUB-100QR

Large flange Quick-release type.
Thread : 1.37"×24T
Over Lock Nut Dimension :
Front 96mm(3.78") or 100mm(3.94")
Rear 124mm(4.88") or 120mm(4.72")
Spoke Holes : 36×36H
Weight : 640g(22.4 oz)

Model **SH-300QR**

SILSTAR HUB-300QR

Small flange Quick-release type.
Thread : 1.37"×24T
Over Lock Nut Dimensions :
Front 96mm(3.78") or 100mm(3.94")
Rear 124mm(4.88") or 120mm(4.72")
Spoke Holes : 36×36H
Weight : 580g(20.3 oz)



Model **SH-100SK** (with key-washer Axle)
SH-100SD (keyless Axle)

SILSTAR HUB-100SK, SD

Large flange Solid Axle type.
Thread : 1.37"×24T
Over Lock Nut Dimensions :
Front 96mm(3.78") or 100mm(3.94")
Rear 124mm(4.88") or 120mm(4.72")
Spoke Holes : 36×36H
Weight : 550g(19.3 oz)

Model **SH-300SK** (with key-washer Axle)
SH-300SD (keyless Axle)

SILSTAR HUB-300SK, SD

Small flange Solid Axle type.
Thread : 1.37"×24T
Over Lock Nut Dimensions :
Front 96mm(3.78") or 100mm(3.94")
Rear 124mm(4.88") or 120mm(4.72")
Spoke Holes : 36×36H
Weight : 480g(16.8 oz)

MOTOCROSS PARTS


MB-205


MS-300


MS-200


MS-100


SAX-5RGMX

Model **MB-205B** (Black coating)

MOTOCROSS BAR

Made of steel
With reinforced bar.
Model MB-205 : For MS-100
Diam : 22.2mm(7/8")
Width : 550mm(22")
Raised : 200mm(8")
Weight : 900g(31.5 oz)

Model **MS-100B** (Black coating)
MS-200CP (C-P)
MS-200B (Black coating)
MS-300 (White Anodized)

MOTOCROSS STEMS

MS-100, 200 : Made of forged steel, glossyless finish.
MS-300 : Made of 75S Extra Super Duralumin.
Diam : 0.833", 22.2mm

Model	Extension	Length	Weight
MS-100	50mm(2")	130mm(5 1/8")	440g(15.4 oz)
MS-200	40mm(1 5/8")	130mm(5 1/8")	660g(23.1 oz)
MS-300	19mm(3/4")	107mm(4 3/8")	310g(10.9 oz)

Model **SAX-5RGMX**

MOTOCROSS CHAINWHEEL

One piece forged 14S Super Duralumin cranks and arm. Cotterless type. Cold Rolled 14S Super Duralumin detachable chainrings.
Crank : length 170mm(6 3/4")
Thread BC 9/16" × 20T
Chainring : Size 1/2" × 1/8"(3mm)
Teeth 36, 39, 40, 42, 44, 46, 48
Color Anodized ; Silver, Gold, Red and Blue
Weight : Crank set(44T) 510g(17.9 oz)

SPECIAL TOOLS


T-902


T-908


T-905



T-909


T-906


T-910


T-907



T-911

Model **T-902**

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

Model **T-905**

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

Model **T-906**

Chain wheel fastening nut spanner.
Weight : 10g(0.35 oz)

Model **T-907**

Saddle spanner. 10mm
For RY-P1, CT-P1.
Weight : 42g(1.47 oz)

Model **T-908**

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

Model **T-909**

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

Model **T-910**

Handle stem expander bolt wrench key.
For NRY stem.
Weight : 18g(0.63 oz)

Model **T-911**

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

SMALL PARTS



GENUINE PARTS

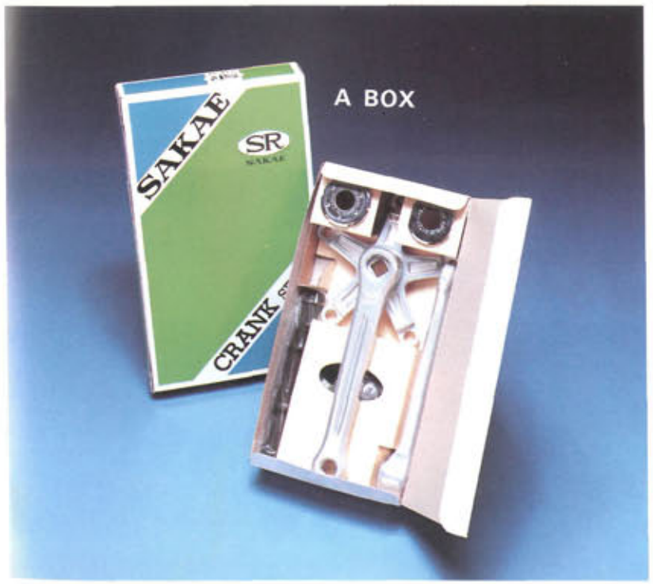
Polyethylene bag package with Header.

No.	Part Name	Q'ty
H-0101	Chainring for RY-5ESL	1
H-0102	Chainring for RY-5SL AX-5LASL	1
H-0103	Chainring for PX-S5	1
H-0104	Chainring for RY-5, AX-5LA	1
H-0105	Chainring for SAX-5RG, AX-5RG II	1
H-0106	Chainring for SAX-5TG	1
H-0107	Chainring for SAX-3TG	1
H-0108	Chainring for AX-5MASL	1
H-0109	Chainring for AX-5MA	1
H-0110	Chainring for AX-3FA	1
H-0100	Chain Guard	1

No.	Part Name	Q'ty
H-0301	Chainring Fastening screw Titanium set for Double Type	5
H-0302	Chainring Fastening screw set for Double Type	5
H-0303	Chainring Fastening screw set for Triple Type	5
H-0311	Chainring Fastening screw set for hex head Spacer 4.0H	5
H-0312	Chainring Fastening screw set for hex head Spacer 4.5H	5
H-0313	Chainring Fastenring screw set for hex head Spacer 5.0H	5
H-0314	Chainring Fastening screw set for hex head Spacer 5.5H	5
H-0351	Chainguard fixing bolt for CG-110, CG-111	5
H-0401	Expander-bolt Titanium set for NRY-ESL	1
H-0402	Expander-bolt for NRY-SL NRY	5
H-0403	Expander-bolt set AH Type for AX, 165mm(6½")length	5

No.	Part Name	Q'ty
H-0404	Expander-bolt set AH Type for AX 195mm(7¹¹⁄₁₆")length	5
H-0405	Expander-bolt set AH Type for SR.165mm(6½")length	5
H-0406	Expander-bolt set AH Type for SR 195mm(7¹¹⁄₁₆")length	5
H-0407	Expander-bolt set E Type 165mm(6½")length	5
H-0409	Expander-bolt set E Type 195mm(7¹¹⁄₁₆")length	5
H-0501	Binder-bolt Titanium for NRY-ESL	1
H-0502	Binder-bolt for NRY-SL, NRY	10
H-0503	Binder-bolt for AX, SR, AH Type	10
H-0504	Binder-bolt for SR, E Type	10
H-0601	Seat Pillar Fixing bolt Titanium set for RY-P1ESL	2
H-0602	Seat Pillar Fixing bolt set for RY-P1, RY-P1SL	2





CRANK SETS

(Without Chainring)
Please specify with your order Model number, Crank length, Axle number and with or without tool sets.

SAKAE BICYCLE PARTS LIST



SPECIFICATIONS

CHAINWHEELS

Model	ROYAL				SUPER APEX					
	−5ESL	−5SL	−5	−S5	−5RG	−5TG	−3TG	−5LASL	−5LA	−5MASL
Crank	Light alloy	←	←	←	←	←	←	←	←	←
	one piec forged	←	←	←	←	←	←	Mounted on five arm	←	←
Length	165mm 170mm	←	←	←	170mm	←	←	165mm 170mm	←	←
Chainring	Light alloy	←	←	←	←	←	←	←	←	←
Inter-changeable	CAMPAGNOLO	←	←	←	SAKAE RG	STRONGLIGHT 99		CAMPAGNOLO SAKAE ROYAL	←	SHIMANO DURA-ACE
Teeth	42−54	←	←	←	36−54	28−54	←	42−54	←	39−52

Model	APEX				SILSTAR					
	−5MA	−5RG II	−3FA	−5SD II	−5DRGAH	−5DRGE	−5SD II AH	−5SD II E	−3DFA	−S
Crank	←	←	←	←	Melt-forged Light alloy	←	←	←	←	←
	←	←	Mounted on three arm	Mounted on chainring	Mounted on five arm	←	Mounted on chainring	←	Mounted on three arm	Mounted on chainring
Length	←	←	←	←	165mm, 170mm 175mm	←	←	←	←	
Chainring	←	←	←	←	←	Steel	Light alloy	Steel	Light alloy	Steel
Inter-changeable	←	SAKAE RG	FRENCH BNA	only inner RG	SAKAE RG	SAKAE SI-5SD II E	only inner RG	SAKAE SI-5DRGE	FRENCH BNA	
Teeth	←	36−54	42, 52	36−54	←	←	←	←	42, 52	28−54

HANDLE BAR BENDS

Model	ROYAL		CUSTOM					RANDONNEUR		DROP		NORTH−ROAD		ALL−ROUNDEF	
	−978	−RACER	WS−SL	WS	CTD	CT−L	CT−S	WR	RND	RN−L	RN−S	SC	7D	NL−90	NR−L	AR−S	AR−L
Material	Light alloy	←	←	←	←	←	Steel	Light alloy	←	←	Steel	←	←	Light alloy	Steel	←	Light alloy
Type	Double tube	←	←	←	←	Bulge 32mm	←	Double tube	←	Bulge 32mm	←	Bulge 120mm	← 32mm	← 90mm	← 32mm	←	←
Diam	23.8mm	←	←	←	←	←	←	←	←	←	←	22.2mm	←	←	←	←	←

HANDLE STEMS

Model	NEW ROYAL			ROYAL	APEX	SR	JUN	SWAN	
	NRY−ESL	NRY−SL	NRY	RY−TY	AX−	SR−	JUN−50	SW-50AH, E	SW-50×135
Material	Light alloy	←	←	←	←	←	←	←	←
	Forged	←	←	←	←	Melt-forged	←	←	←
Extension	70−130mm	←	←	80−100mm	60−140mm	50−100mm	50mm	←	←
Expander bolt	6mm	←	←	8mm	←	←	←	←	←

SEAT PILLARS

Model	ROYAL			CUSTOM			ALUMI	STAINLESS
	P1ESL II	P1SL III	P1 II	P3	P5	P6	ASP	SSP
Material	Light alloy	←	←	←	←	←	←	Stainless steel
	forged	←	←	Melt-forged	←	←	←	tube
Length	195mm	←	←	←	190mm	180mm	180mm 235mm	165−300mm
Diam	26.6−27.4mm	26.6−27.2mm	25.8−27.2mm	25.8−27.0mm	25.8−27.2mm	25.4−26.8mm	25.8−27.2mm	22.2−28.6mm

PEDALS

Model	SP−100			SP−200		SP−300		SP−400	
	AL	BL	CP	AL	BL	AL	CP	AL	CP
Plate material	Light alloy	←	Steel	Light alloy	←	←	Steel	Light alloy	Steel
Finish		Black	C-P		Black		C-P		C-P
Type	Quill	←	←	Rat-trap	←	Quill	←	Rat-trap	←
Size	62mm	←	←	←	←	80mm	←	←	←

Model	SP−401			SP−500	
	AL	CP	CPR	FW	BW
Plate material	Light alloy	Steel	←	Rubber	←
Finish		C-P	←	White	Black
Type	←	←	← with reflector	Full rubber	←
Size	←	←	←	←	←

HUBS

Model	SH−100			SH−300		
	QR	SK	SD	QR	SK	SD
Type	Large flange	←	←	Small flange	←	←
	Quick-release	Solid axle	←	Quick-release	Solid axle	←
		with key-washer	keyless axle		with key-washer	keyless axle