SAKAE BICYCLE PARTS

CATALOG No. P-7

SAKAE RINGYO CO.,LTD.

CHAINWHEELS

AEROX CHAINWHEELS

One piece forged Super Duralumin Cotterless cranks and arm. Aerodynamic style. Cold Rolled Super Duralumin Chainrings. Anodized finish. with chain collector.

Model AE-5LA
AEROX-5LA

Crank: Length 165mm(6½") or 170mm(6¾")
Thread BC$^{9}/_{16}$"×20T or M14×P1.25
Chainring: Size ½"×$^{3}/_{32}$"(2mm)
Teeth 42 to 54T
(standard teeth 52T×42T)
Interchangeable with SAKAE RY-5 or CAMPAGNOLO
Weight: Crank set 440g(15.4oz)
Available with light alloy chainguard if requested
Model No. CG-101

AE-5LA



Model AE-5RG
AEROX-5RG

Crank: Length 170mm(6¾")
Thread BC$^{9}/_{16}$"×20T or M14×P1.25
Chainring: Size ½"×$^{3}/_{32}$"(2mm)
Outer 48 to 54 teeth
Inner 36, 39, 40, 42 to 48 teeth
(standard teeth 52T×40T)
Interchangeable with SAKAE AX-5RG
Weight: Crank set 680g(23.8oz)
Available with light alloy chain guard if requested.
Model No. CG-111.

AE-5RG



NEW

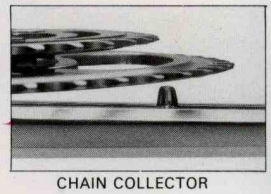
Model AE-5TRG
AEROX-5TRG

Crank: Length 170mm(6¾")
Thread BC$^{9}/_{16}$"×20T or M14×P1.25
Chainring: Size ½"×$^{3}/_{32}$"(2mm)
Outer 48 to 54 teeth
Middle 40, 42, 44, 45, 46, 47 teeth.
Inner 24, 26, 28, 30, 32, 34 teeth.
Weight: Crank set 730g(25.6oz)
(52T×46T×28T)
Available with light alloy chain guard if requested.
Model No. CG-111.

AE-5TRG



NEW



CHAIN COLLECTOR

NEW APEX CHAINWHEELS

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

AA-5LA



Model AA-5LA
NEW APEX-5LA

Crank: Length 165mm(6½") or 170mm(6¾")
Thread BC$^{9}/_{16}$"×20T or M14×P1.25
Chainring: Size ½"×$^{3}/_{32}$"(2mm)
Teeth 42 to 54T
(standard teeth 52T×42T)
Interchangeable with SAKAE AE-5LA and CAMPAGNOLO.
Weight: Crank set 450g(15.8oz)
Available with light alloy Chainguard if requested.
Model No. CG-101.

AA-5RG3



Model AA-5RG3
NEW APEX-5RG3

Crank: Length 165mm(6½") or 170mm(6¾")
Thread BC$^{9}/_{16}$"×20T or M14×P1.25
Chainring: Size ½"×$^{3}/_{32}$"(2mm)
Outer 48 to 53 teeth
Inner 36, 39, 40 and 42 to 48 teeth
(standard teeth 52T×40T)
Interchangeable with SAKAE AE-5RG
Weight: Crank set 450g(15.8oz)
Available with light alloy chainguard if requested.
Model No. CG-111.

AA-5SD3



Model AA-5SD3
NEW APEX-5SD3

Changeable only inner chainring.
Crank: Length 165mm(6½") or 170mm(6¾")
Thread BC$^{9}/_{16}$"×20T or M14×P1.25
Chainring: Size ½"×$^{3}/_{32}$"(2mm)
Outer 48 to 53 teeth
Inner 36, 39, 40 and 42 to 48 teeth
(standard teeth 52T×40T)
Weight: Crank set 410g(14.4oz)
Available with light alloy chainguard if requested.
Model No. CG-111.

SUPER CUSTOM CHAINWHEELS

Melt-forged high-strength light alloy. One Piece crank and arm. Aerodynamic style.
With chain collector. Cold Rolled Super Duralumin chainrings. Chain Line is the same as AEROX.

CT-5LA



Model CT-5LA, LA-SL
SUPER CUSTOM-5LA, LA-SL

Crank: Length 165mm(6½") 170mm(6¾")
Thread BC$^{9}/_{16}$"×20T or M14×P1.25
Chainring: Size ½"×$^{3}/_{32}$"(2mm)
Teeth 42 to 54 teeth.
(standard teeth 52T×42T)
Interchangeable with SAKAE AE-5LA or CAMPAGNOLO.
Weight: Crank set 655g(23oz), SL: 675g(23.6oz)
Available with light alloy chainguard if requested.
Model No. CG-101.

CT-5LA-SL



CT-5RG



Model CT-5RG
SUPER CUSTOM-5RG

Crank: Length 165mm(6½") or 170mm(6¾")
Thread BC$^{9}/_{16}$"×20T or M14×P1.25
Chainring: Size ½"×$^{3}/_{32}$"(2mm)
Outer 48 to 54 teeth
Inner 36, 39, 40 and 42 to 48 teeth
(standard teeth 52T×40T)
Interchangeable with SAKAE AE-5RG
Weight: Crank set 700g(24.5oz)
Available with light alloy chainguard if requested.
Model No. CG-111.

CT-5TG



Model CT-5TG
SUPER CUSTOM-5TG

Crank: Length 165mm(6½") 170mm(6¾")
Thread BC$^{9}/_{16}$"×20T or M14×P1.25
Chainring: Size ½"×$^{3}/_{32}$"(2mm)
Outer 48 to 54 teeth
Middle 40, 42, 44, 45, 46, 47 teeth
Inner 28, 30, 32, 34, 36, 40, 42 teeth
Interchangeable with STRONGLIGHT 99.
Weight: Crank set 780g(27.3oz)
(52T×46T×28T)
Available with light alloy chainguard if requested.
Model No. CG-111.

CHAINWHEELS

CUSTOM CHAINWHEELS

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





Model CTC-5DLA2
CUSTOM-5DLA2

Mounted on light alloy bright finished five arm.
Super Duralumin chainrings.
Crank: Length 165mm(6½") or 170mm(6¾")
Thread BC9/16"×20T or M14×P1.25
Chainring: Size ½"×3/32"(2mm)
Teeth 42 to 54T
(standard teeth 52T×42T)
Weight: Crank set 610g(21.4oz)
Available with light alloy chainguard if requested.
Model No. CG-101.

Model CTC-5DRG2
CUSTOM-5DRG2

Mounted on light alloy bright finished five arm.
Light alloy or C-P Steel chainrings.
Crank: Length 165mm(6½"), 170mm(6¾")
Thread BC9/16"×20T or M14×P1.25
Chainring: Size ½"×3/32"(2mm)
Outer 48 to 54teeth
Inner 36, 39, 40, 42 and 44 to 48 teeth
(standard teeth 52T×40T)
Interchangeable with SAKAE AE-5RG.
Weight: Crank set light alloy 650g(22.8oz)
Steel 890g(31.2oz)
Available with light alloy chainguard if requested.
Model No. CG-111 or CG-110.

Model CTC-5SD2AH
CUSTOM-5SD2AH

Light alloy chainrings.
Changeable only inner chainring.
Crank: Length 165mm(6½"), 170mm(6¾")
Thread BC9/16"×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
(standard teeth 52T×40T)
Weight: Crank set 620g(21.7oz)
Available with light alloy chainguard if requested.
Model No. CG-111 or CG110.



Model CTC-5TSD
CUSTOM-5TSD

Light alloy chainrings.
Changeable only inner and middle chainring.
Crank: Length 165mm(6½"), 170mm(6¾")
Thread BC9/16"×20T or M14×P1.25
Chainring: Size ½"×3/32"(2mm)
Outer 46, 48, 50, 52 teeth
Middle 40, 42, 44, 45, 46, 47 teeth
Inner 28, 30, 32, 34, 36, 40, 42 teeth
Weight: Crank set 750g(26.3oz)
(52T×46T×28T)

NEW



CUSTOM DX CHAINWHEELS

Melt-forged high-strength light alloy Cotterless cranks. Mounted on arm. Crank: Length 165mm(6½"), 170mm(6¾") Thread BC9/16"×20T or M14×P1.25

NEW



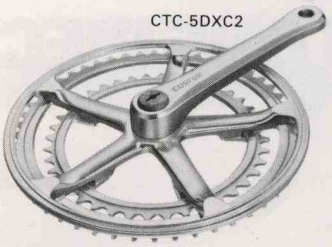
Model CTC-5LG2
CUSTOM-5LG2

Interchangeable outer and inner chainring.
Material: Light alloy or Glossyless C-P steel.
Size: ½"×3/32"(2mm)
Teeth: 52T×42T or 40T
Weight: 830g(29.1oz) (52T×42T light alloy)
990g(34.7oz) (52T×42T steel)



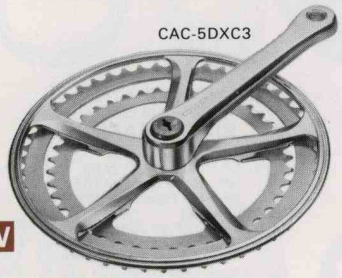
Model CTC-5DXM2
CUSTOM-5DXM

Interchangeable inner chainring.
Riveting outer chainring.
Material: Light alloy or Glossyless C-P steel.
Size: ½"×3/32"(2mm)
Teeth: 52T×42T or 40T
50T×40T or 42T
48T×36T or 40T
Weight: 835g(29.3oz) (52T×42T light alloy)
995g(34.8oz) (52T×42T steel)



Model CTC-5DXC2
CUSTOM-5DXC2

Riveting outer and inner chainring.
Material: Light alloy or Glossyless C-P steel.
Size: ½"×3/32"(2mm)
Teeth: 52T×42T or 40T
50T×40T or 42T
48T×36T or 40T
Weight: 840g(29.4oz) (52T×42T light alloy)
1000g(35oz) (52T×42T steel)



NEW

Model CAC-5DXC3
CUSTOM·A-5DXC3

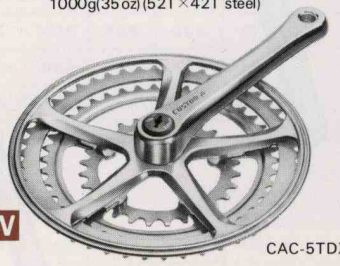
Riveting outer and inner chainring.
Material: Light alloy or Glossyless C-P steel.
Size: ½"×3/32"(2mm)
Teeth: 52T×42T or 40T
50T×40T or 42T
Weight: (52T×42T light alloy) 740g(25.9oz)
(52T×42T Steel) 920g(32.2oz)



NEW

Model CAB-5DXC3
CUSTOM·A BLACK-5DXC3

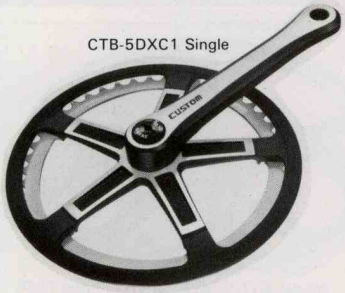
Black anodized crank and arm, and polishing surface.
Material: } Same as CUSTOM·A-5DXC3
Size :
Teeth :
Weight :



NEW

Model CAC-5TDXC3
CUSTOM·A-5TDXC3

Chainring all riveting.
Material: Glossyless C-P steel.
Size: ½"×3/32"(2mm)
Teeth: Outer 50T
Middle 42, 44, 45, 46T
Inner 28, 30, 32, 34, 36T
Weight: Crank set 960g(33.6oz)
(50T×44T×28T)



Model CTB-5DXC1 single
CUSTOM BLACK-5DXC1 single

Black anodized crank and arm, and polishing surface. Riveting chainring.
Material: Light allov or Glossyless C-P steel.
Size: ½"×3/32"(2mm)
Teeth: 48T or 46T
Weight: 785g(27.5oz) (48T)



Model CTC-5DXC1 single
CUSTOM-5DXC1 single

Riveting chainring.
Material: } Same as CTB-5DXC1 single.
Size :
Teeth :
Weight :



NEW



NEW

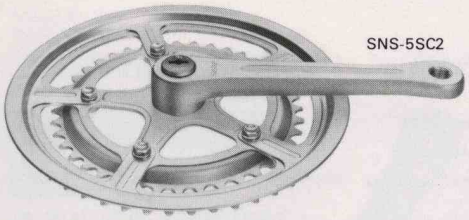
Model CAC-5DXC3 single
CUSTOM·A-5DXC3 single

Riveting chainring.
Material: Light alloy or Glossyless C-P steel.
Size: ½"×3/32"(2mm)
Teeth: 48T or 46T
Weight: 785g(27.5oz) (48T)

CHAINWHEELS

SILSTAR CHAINWHEELS

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



SNS-5SC2

Model SNS-5SC2
SILSTAR-5SC2

Outer C-P Steel chainrings.
Riveting chainring.
Crank: Length 152mm(6"), 165mm(6½")
170mm(6¾")
Thread BC9/16"×20T or M14×P1.25
Chainring: Size ½"×3/32"(2mm)
Outer 52 teeth.
Inner 40 or 42 teeth.
(standard teeth 52T×40T)
Weight: Crank set 885g(31 oz)
With CG-550SC chainguard.



SN-5SD2 Single



SNS-5SE2 Single

Model SNS-5SE2 single
SILSTAR SINGLE

Length: 152mm(6"), 165mm(6½"), 170mm(6¾")
Height 28.5mm(1⅛")
Thread BC9/16"×20T or M14×P1.25
Chainring: Material C-P Steel.
Size ½"×3/32"(2mm)
Teeth 46, 48, 52
Weight: Crank set (48T, 165mm) 665g(23.3 oz)



SNA-5"



SNA-3½"

Model SN, SNS, SNA-5SD2 single
SILSTAR SINGLE

Length: SNA: 89mm(3½"), 114mm(4½"), 127mm(5")
SN, SNS: 152mm(6"), 165mm(6½")
170mm(6¾")
Height 30mm(1 3/16")
Thread BC9/16"×20T or M14×P1.25
Chainring
Material: Light alloy 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) 670g(23.5 oz)
(36T Steel 127mm) 440g(15.4 oz)

ONE PIECE CRANKS



Model OPC-A(U.S.A. Type)
OPC-S(S.M.S. Type)
ONE PIECE CRANKS

Forged High Carbon steel.
Finish: LP—Little Polish. (A92, A114, A140, A165)
HP—Half Polish. (A165)
FP—Full Polish. (S175)
Chrome Plating.
Crank Length: Type A 92mm(3⅝"), 114mm(4½"), 140mm(5½"), 165mm(6½"),
Type S 175mm(6⅞")
Con thread: Type A 9/16"—24T and ⅞"—24T LH
Type S 23.2—32T and 22.—24T LH.
Pedal thread: UNF½"×20T
Weight: 92A 590g(20.7oz), 114A 680g(23.8 oz)
140A 860g(30oz), 165A 900g(31.5 oz)
175S 880g(30.8oz)

CHAIN GUARDS



CG-101

Model CG-101

Made of light alloy.
Suitable for: AE-5LA, AA-5LA, CT-5LA, CTC-5DLA

TYPE	Diam	For teeth	Weight
50	217mm(8 9/16")	50 or 51	70g(2.5 oz)
52	225mm(8⅞")	52 or 53	75g(2.6 oz)



CG-110
CG-111

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(2.1 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 light alloy.
Polished 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)



CG-550SC

Model CG-550SC(Glossyless C-P)

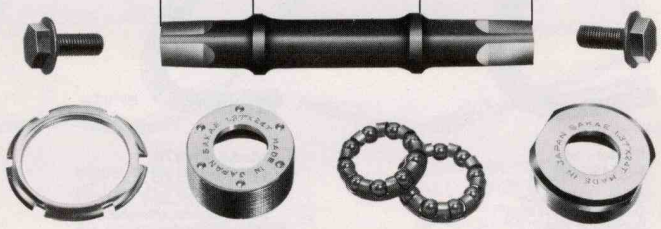
Made of steel.
Suitable for: SILSTAR-5SDE.

TYPE	Diam	For teeth	Weight
52	223mm(8¾")	52	120g(4.2 oz)
48	206mm(8⅛")	48 or 46	105g(3.7 oz)

BOTTOM BRACKET SETS

AEROX
SUPER CUSTOM 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	42mm
〃	〃	D-3A	〃	〃	33.5	117.5	43.5
〃	〃	D-3P	〃	〃	35.0	119.0	45.0
TRIPLE	〃	D-3SS	〃	〃	37.5	121.5	44.5
〃	〃	D-3T	〃	〃	39.0	123.0	46.0
〃	〃	D-3U	〃	〃	40.5	124.5	47.5
DOUBLE	70	D-5L	30.5	55	32.0	117.5	43.0
〃	〃	D-5P	〃	〃	33.5	119.0	44.5
TRIPLE	〃	D-5SP	〃	〃	37.5	123.0	45.7

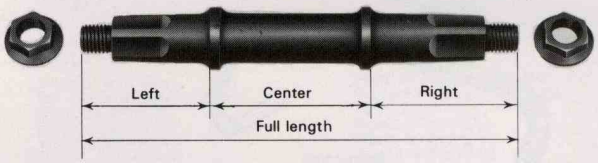


Square Slope : 2°
Cr-Mo Steel

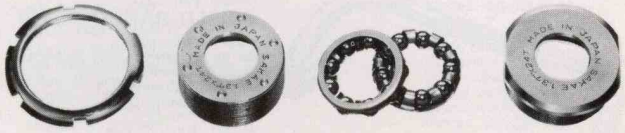
Weight : 315g (11 oz)

AX, SC, SI BOTTOM BRACKET SET

Square Slope : 2° Weight : 240g (8.4 oz)

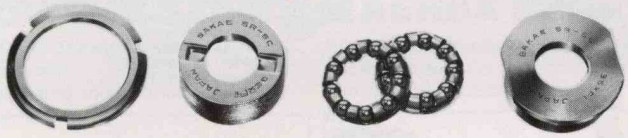


AX



Weight : 125g (4.4 oz)

SC



Weight : 130g (4.6 oz)

SI

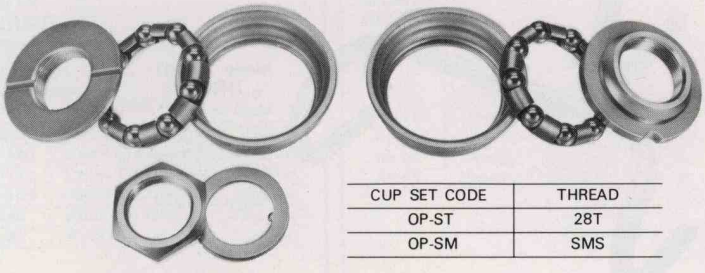


Weight : 130g (4.6 oz)

(mm)

Bracket Width	AXLE Number	Left	Center	Right	Full Length	Chain Line			
						AX	SC	SI	
						Double	Double	Double	DXC single
68	3L	42.5	52	42.5	137.0	39.5	38.5	39.5	
〃	3A	〃	〃	44.0	138.5	41.0	40.0	41.0	
〃	3P	〃	〃	45.5	140.0	42.5	41.5	42.5	
〃	3SS	〃	〃	48.0	142.5	45.0	44.0	45.0	
〃	3T	45.5	〃	49.5	147.0	46.5	45.5	46.5	
〃	3U	〃	〃	51.0	148.5	48.0	47.0	48.0	44.0
〃	3R	〃	〃	52.5	150.0				45.5
〃	3M	〃	〃	54.0	151.5				47.0
70	5L	41.0	55	42.5	138.5	40.5	39.5	40.5	
〃	5P	〃	〃	44.0	140.0	42.0	41.0	42.0	
〃	5SB	42.5	〃	46.5	144.0	44.5	43.5	44.5	
〃	5SP	41.0	〃	48.0	144.0	46.0	45.0	46.0	42.0
〃	5SS	42.5	〃	48.0	145.5	47.5	46.5	47.5	43.5
〃	5T	45.5	〃	49.5	150.0	49.0	48.0	49.0	45.0
〃	5U	〃	〃	51.0	151.5	50.5	49.5	50.5	46.5
〃	5R	〃	〃	52.5	153.0				48.0

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



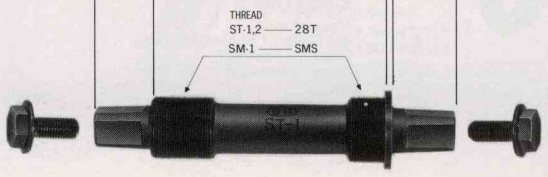
CUP SET CODE	THREAD
OP-ST	28T
OP-SM	SMS

Square Slope : 2°
Cr-Mo Steel

Weight : 560g (19.6 oz)

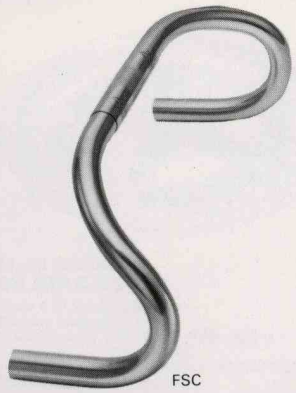
CONVERSION AXLE

Bracket Width	AXLE Number				Full length	Chain line Double
68 mm	ST-1	20mm	83mm	23mm	128mm	44mm
〃	ST-2	〃	80	〃 28	133	49
〃	SM-1	〃	85	〃 23	130	44



HANDLE BAR BENDS

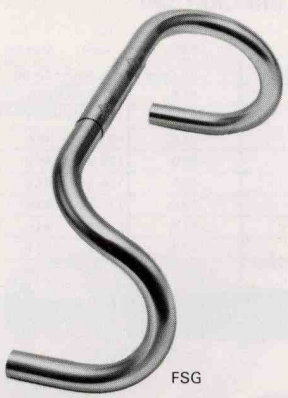
High-strength light alloy anodized finish or high-strength steel C-P handle bar bends.
FOURSIR and ROYAL for sprinters. CUSTOM for roadracers, RANDONNEUR for tourists.


FSC

Model FSC
FOURSIR-C

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

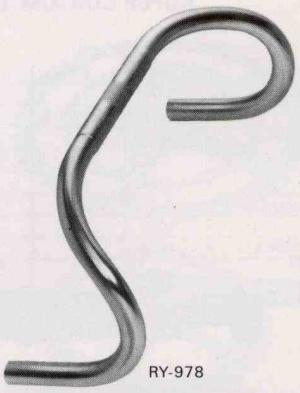
Model	Dropped	Width	Weight
FSC-380	150mm(5⅞")	380mm(15")	310g(10.9oz)
FSC-400	150mm(5⅞")	400mm(15¾")	320g(11.2oz)
FSC-420	150mm(5⅞")	420mm(16½")	335g(11.7oz)


FSG

Model FSG
FOURSIR-G

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

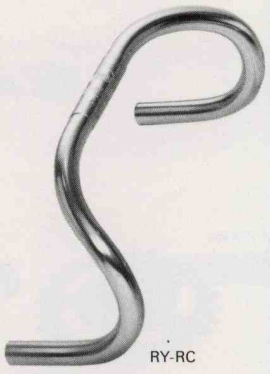
Model	Dropped	Width	Weight
FSG-380	160mm(6¼")	380mm(15")	310g(10.9oz)
FSG-400	160mm(6¼")	400mm(15¾")	320g(11.2oz)
FSG-420	160mm(6¼")	420mm(16½")	335g(11.7oz)


RY-978

Model RY-978
ROYAL-978

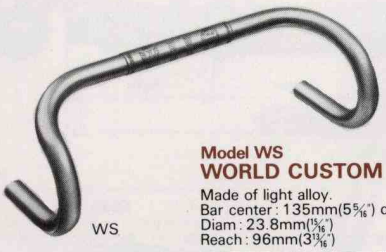
Made of light alloy.
Bar center double tube.
Diam : 23.8mm(15/16")
Reach : 75mm(3")

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(6¼")	420mm(16½")	305g(10.7oz)


RY-RC

Model RY-RC
ROYAL-RACER

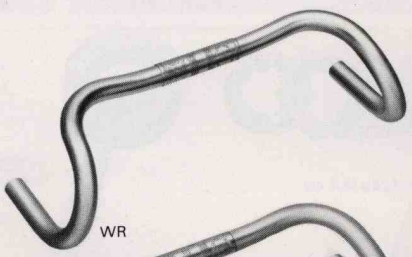
Made of light alloy.
Track racing model.
Bar center 90mm(3 9/16") double tube.
Diam : 23.8mm(15/16")
Dropped : 145mm(5¾")
Width : 370mm(14½")
Reach : 80mm(3⅛")
Weight : 280g(9.8 oz)


WS

Model WS
WORLD CUSTOM

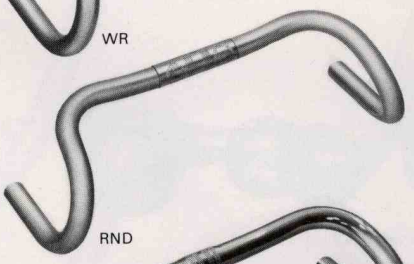
Made of light alloy.
Bar center : 135mm(5 5/16") double tube.
Diam : 23.8mm(15/16")
Reach : 96mm(3 13/16")

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(15/16")
Dropped : 120mm(4¾")
Width : 420mm(16½")
Reach : 97mm(3 13/16")
Weight : 305g(10.7 oz)


RND

Model RND-420
RANDONNEUR DOUBLE TUBE

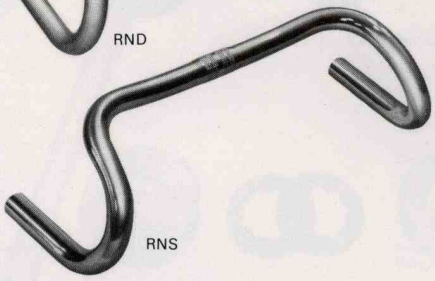
Made of light alloy.
Bar center : 95mm(3¾") double tube.
Only center tube : anodized finish.
Diam : 23.8mm(15/16")
Dropped : 122mm(4 13/16")
Width : 420mm(16½")
Reach : 97mm(3 13/16")
Weight : 305g(10.7 oz)


CTD

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 13/16")

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

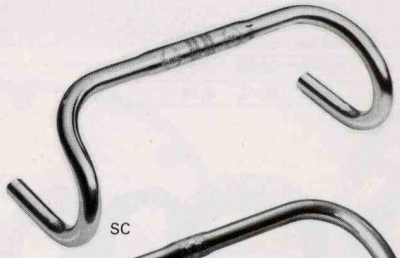
Made of steel.
Bar center : 32mm(1¼") bulge.
Diam : 23.8mm(15/16")
Dropped : 117mm(4⅝")
Width : 395mm(15½")
Reach : 102mm(4")
Weight : 680g(23.8 oz)


CTS

Model CTS
CUSTOM-S

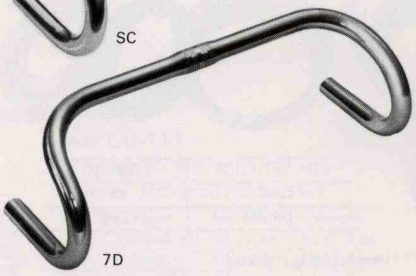
Made of steel.
Bar center : 135mm(5 5/16") bulge.
Diam : 23.8mm(15/16")
Reach : 96mm(3 13/16")

Model	Dropped	Width	Weight
CTS-360	130mm(5⅛")	360mm(14⅛")	615g(21.5oz)
CTS-390	130mm(5⅛")	390mm(15⅜")	615g(21.5oz)


SC

Model SC-713
SPECIAL

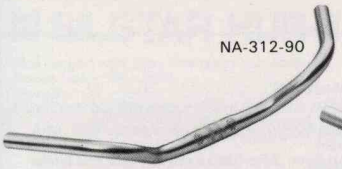
Made of steel.
Bar center : 120mm(4¾") bulge.
Diam : 22.2mm(⅞")
Dropped : 130mm(5⅛")
Width : 390mm(15¾")
Reach : 96mm(3 13/16")
Weight : 530g (18.6 oz)


7D

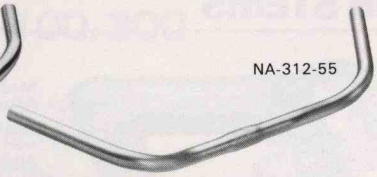
Model 7D-701
⅞ DROP

Made of steel.
Bar center : 32mm(1¼") bulge.
Diam : 22.2mm(⅞")
Dropped : 130mm(5⅛")
Width : 390mm(15⅜")
Reach : 96mm(3 13/16")
Weight : 630g(22.1 oz)

HANDLE BAR BENDS



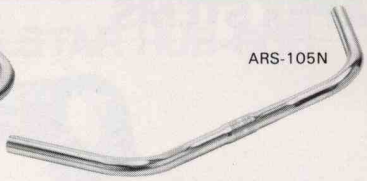
Model NA-312-90
NORTH-ROAD 90
Made of light alloy.
Bar center: 90mm(3½")
Diam: 22.2mm(⅞")
Raised: 63mm(2½")
Width: 520mm(20½")
Weight: 220g(7.7oz)



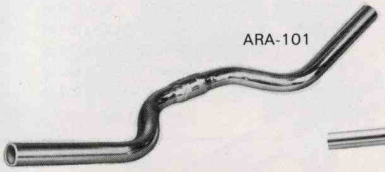
Model NA-312-55
NORTH-ROAD 55
Made of light alloy.
Bar center: 32mm(1¼") bulge.
Diam: 22.2mm(⅞")
Raised: 63mm(2½")
Width: 550mm(21½")
Weight: 250g(8.8oz)



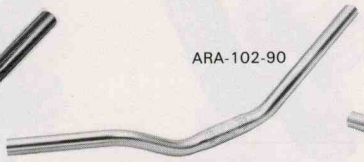
Model NA-324
NORTH-ROAD
Made of light alloy.
Bar center: 32mm(1¼") bulge.
Diam: 22.2mm(⅞")
Raised: 17mm(11/16")
Width: 440mm(17⅜")
Weight: 220g(7.7oz)



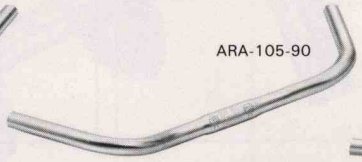
Model ARS-105N
ALL-ROUNDER
Made of stainless steel.
Bar center: 32mm
Diam: 22.2mm(⅞")
Raised: 30mm(1³⁄₁₆")
Width: 520mm(20½")
Weight: 390g(13.7oz)



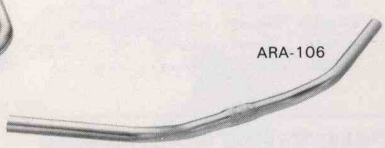
Model ARA-101
ALL-ROUNDER
Made of light alloy.
Bar center: 32mm(1¼") bulge.
Diam: 22.2mm(⅞")
Raised: 45mm(1¾")
Width: 505mm(19⅞")
Weight: 180g(6.3oz)



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(7oz)

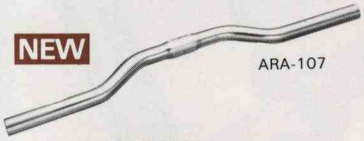


Model ARA-105-90
ALL-ROUNDER
Made of light alloy.
Bar center: 90mm(3½") bulge.
Diam: 22.2mm(⅞")
Raised: 30mm(1³⁄₁₆")
Width: 520mm(20½")
Weight: 220g(7.7oz)



Model ARA-106
ALL-ROUNDER
Made of light alloy.
Bar center: 32mm(1¼") bulge.
Diam: 22.2mm(⅞")
Raised: 30mm(1³⁄₁₆")
Width: 610mm(24")
Weight: 240g(8.4oz)

NEW



Model ARA-107
ALL-ROUNDER
Made of light alloy.
Ber center: 32mm(1¼") bulge
Diam: 22.2mm
Raised: 35mm(1⅜")
Width: 500mm(19¾")
Weight: 170g(6oz)



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(8.8oz)



Model NA-340-90
ADULT
Made of light alloy.
Bar center: 90mm(3½") bulge.
Diam: 22.2mm(⅞")
Raised: 30mm(1³⁄₁₆")
Width: 460mm(18")
Weight: 220g(7.7oz)

NEW



Model MS-825C
UP-TURNED
Made of Stainless steel clad.
Bar center: 32mm(1¼") bulge.
Diam: 22.2mm(⅞")
Raised: 90mm(3½")
Width: 510mm(20")
Weight: 600g(21oz)

HANDLE STEMS

FOURSIR STEMS

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

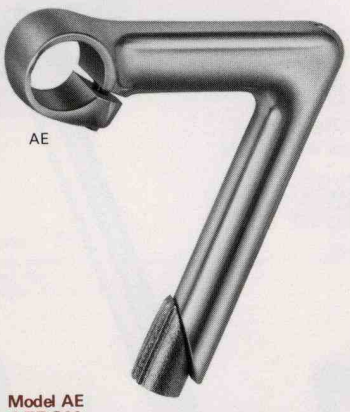


Model FS
FOURSIR
Stainless steel 6mm expander bolt and binder bolt. Socket 5mm hex.
Diam: 22.2mm
Bar Bore: 26mm
Suitable only for: FOURSIR Handle Bar

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)

AEROX STEMS

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



Model AE
AEROX
Cr-Mo steel 6mm expander bolt and binder bolt.
Socket 5mm hex.
Diam: 22.2mm

Model	Extension	Length	Weight
AE-115	115mm(4½")	135mm(5⅜")	300g(10.5oz)
AE-105	105mm(4⅛")	135mm(5⅜")	290g(10.2oz)
AE-95	95mm(3¾")	135mm(5⅜")	280g(9.8oz)
AE-85	85mm(3⅜")	135mm(5⅜")	270g(9.5oz)

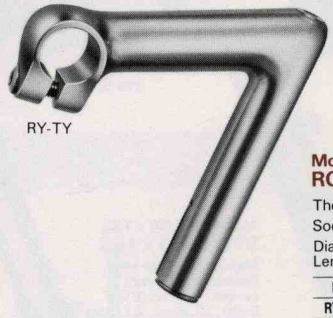
ROYAL STEMS

Forged Super Duralumin stem. Anodized finish.



Model RY 2
ROYAL 2
Cr-Mo steel 6mm expander bolt and binder bolt. Socket 5mm hex.
Diam: 22.2mm
0.833; 22.0mm to order.

Model	Extension	Length	Weight
RY2-130	130mm(5⅛")	135mm(5⅜")	310g(10.9oz)
RY2-120	120mm(5¾")	135mm(5⅜")	310g(10.9oz)
RY2-110	110mm(4⅜")	135mm(5⅜")	300g(10.5oz)
RY2-100	100mm(4")	135mm(5⅜")	290g(10.2oz)
RY2-90	90mm(3½")	135mm(5⅜")	270g(9.45oz)
RY2-80	80mm(3⅛")	135mm(5⅜")	260g(9.1oz)
RY2-70	70mm(2¾")	135mm(5⅜")	250g(8.8oz)



Model RY-TY
ROYAL TRACK
The highest model for Track Racing.
Socket 6mm hex.
Diam: 22.2mm(⅞")
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



AX-AH

Model AX-AH
APEX-AH

Forged Super Duralumin stem. Anodized finish.
Diam : 22.2mm(7/8")
0.833" 22.0mm to order.

Model	Extension	Length	Weight
AX-100AH	100mm(4")	150mm(5 7/8")	340g(12.0oz)
AX-80AH	80mm(3 1/8")	150mm(5 7/8")	320g(11.2oz)
AX-60AH	60mm(2 3/8")	180mm(7 1/16")	330g(11.6oz)

SR STEMS



SR-AH

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", 22.0, 22.2mm

Model	Extension	Length	Weight
SR-100AH	100mm(4")	150mm(5 7/8")	340g(11.9oz)
SR-80AH	80mm(3 1/2")	150mm(5 7/8")	310g(10.9oz)
SR-80AH	80mm(3 1/2")	180mm(7 1/16")	340g(11.9oz)
SR-60AH	60mm(2 3/8")	150mm(5 7/8")	290g(10.2oz)
SR-60AH	60mm(2 3/8")	180mm(7 1/16")	320g(11.2oz)
SR-60AH	60mm(2 3/8")	230mm(9")	365g(12.8oz)
SR-50AH	50mm(2")	180mm(7 1/16")	305g(10.7oz)
SR-80E	80mm(3 1/8")	150mm(5 7/8")	310g(10.9oz)
SR-60E	60mm(2 3/8")	180mm(7 1/16")	320g(11.2oz)
SR-50E	50mm(2")	180mm(7 1/16")	305g(10.7oz)

CUSTOM STEMS

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



CR

NEW

Model CR
CUSTOM-R

Back clamp system.
Allen head expander bolt and clamp bolt.
Soket 6mm hex.

Model	Extension	Length	Weight
CR-80	80mm(3 1/8")	150mm(5 7/8")	320g(11.2oz)



CU

Model CU
CUSTOM-U

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

Model	Extension	Length	Weight
CU-100	100mm(4")	150mm(5 7/8")	350g(12.3oz)
CU-80	80mm(3 1/8")	150mm(5 7/8")	330g(11.6oz)
CU-60	60mm(2 3/8")	180mm(7 1/16")	340g(11.9oz)



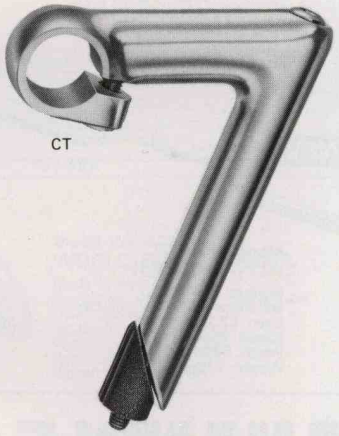
CS

NEW

Model CS
CUSTOM-S

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

Model	Extension	Length	Weight
CS-80	80mm(3 1/8")	150mm(5 7/8")	370g(13oz)
CS-60	60mm(2 3/8")	180mm(7 1/16")	370g(13oz)



CT

Model CT
CUSTOM

Allen head expander bolt and binder bolt.
Socket 6mm hex. Under lock type.
Diam : 0.833", 22.2mm, 22.0mm

Model	Extension	Length	Weight
CT-100	100mm(4")	150mm(5 7/8")	330g(11.6oz)
CT-80	80mm(3 1/8"),	150mm(5 7/8")	300g(10.5oz)
CT-60	60mm(2 3/8")	150mm(5 7/8")	280g(9.8oz)



SAS-50AH×190

Model SAS-50AH×190
SAS-50E×190

Melf-forged light alloy head and Stainless steel tube.
Extension : 50mm(2")
Length : 190mm(7 1/2")
Diam : 22.2mm
Weight : AH 370g(13oz)
E 380g(13.4oz)



AS-40E×190

Model AS-40E×190

Melt-forged light alloy head and steel tube.
Extension : 30mm(1 3/16")
Length : 190mm(7 1/2"), 230mm(9")
Diam : 22.2mm
Weight : 360g(12.6oz)



SW-50B×135

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

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



SW-50×165

Model SW-50×165
SWAN-50×165

Melt-forged light alloy.
Extension : 50mm(2")
Length : 165mm(6 1/2")
Diam : 22.2mm, 22.0mm
Weight : 300g(10.5oz)

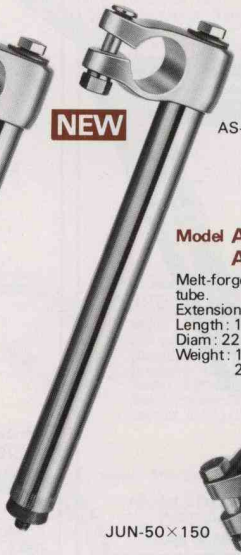


SAS-25E

NEW

Model SAS-25E×230

Melt-forged light alloy head and Stainless steel tube.
Extension : 25mm(1")
Length : 230mm(9")
Diam : 22.2mm
Weight : 350g(12.3oz)



NEW

AS-25E

Model AS-25E×190
AS-25E×230

Melt-forged light alloy head and steel tube.
Extension : 25mm(1")
Length : 190mm(7 1/2"), 230mm(9")
Diam : 22.2mm
Weight : 190mm 310g(10.9oz)
230mm 350g(12.3oz)



JUN-50×150

Model JUN-50×150
JUN-50×150

Melt-forged light alloy stem.
Extension : 50mm(2")
Length : 150mm(5 7/8")
Diam : 150mm length 0.833"
Weight : (150mm) 270g(9.5oz)

HUBS

SILSTAR HUB-100, 300

Melt-forged light alloy one piece hub shell.
Spoke Holes: 36×36H
Thread: 1.37"×24T
Over Lock Nut Dimension: Front 96mm(3.78") or 100mm(3.94")
Rear 120mm(4.72") 5-Speed
126mm(4.96") 6-Speed





Model SH-100QR
SILSTAR HUB-100QR
Large flange Quick-release type.
Weight: 640g(22.4 oz)

Model SH-300QR
SILSTAR HUB-300QR
Small flange Quick-release type.
Weight: 580g(20.3 oz)





Model SH-300SD
SILSTAR HUB-300SD
Small flange Solid Axle type.
Weight: 480g(16.8 oz)

Model SH-100SD
SILSTAR HUB-100SD
Large flange Solid Axle type.
Weight: 550g(19.3 oz)

SILSTAR HUB-600

NEW



Model SH-600
SILSTAR HUB-600
Melt-forged light alloy one piece hub shell.
Spoke Holes: 36×36H, Rear Hook Hole.
Thread: 1.37"×24T, Both thread.
Over Lock Nut Dimension: Front 93mm(3.66")
Rear 114mm(4.49")
Weight: 500g(17.5 oz)

SPECIAL TOOLS

T-902



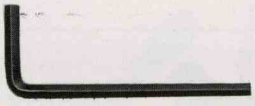
Model T-902
Tool for Cotterless crank fixing and extractor.
Weight: 99g(3.47 oz)

T-908



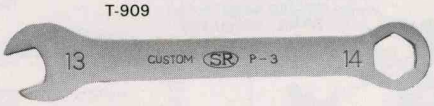
Model T-908
Handle stem and Seat pillar bolt wrench key. 6mm hex.
For AX, CR, CU, CS and CT stems. P5 Seat pillar.
Weight: 35g(1.23 oz)

T-905



Model T-905
Chain wheel flat head screw wrench key.
5mm hex.
Weight: 18g(0.63 oz)

T-909



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

T-910



Model T-910
Handle stem expander bolt wrench key.
5mm hex.
For FS. AE stem.
Weight: 18g(0.63 oz)

T-906



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

T-911



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

T-907



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

T-912
NEW



Model T-912
Pedal screw wrench key.
3mm hex.
For SAKAE SP-12, MP-131.
Weight: 5g(0.18 oz)

PEDALS

Melt-forged light alloy body. All Pedals marked ★ were duly approved by German Safety Regulations. Pedals marked ☆ are under application.



☆

Model SP-12
SILSTAR PEDAL-12

Aerodynamic type.
Cr-Mo steel spindle.
Foot on size: 75mm(3")×70mm(2¾")
Thread: BC9/16"×20T or M14×P1.25
Weight: 370g(13oz)
AC-45 Toe clip attachable.



☆

Model SP-11
SILSTAR PEDAL-11

One piece frame. Platform type.
Cr-Mo steel spindle.
Foot on size: 60mm(2⅜")×88mm(3½")
Thread: BC9/16"×20T or M14×P1.25
Weight: 380g(13.3oz)
Toe clip, Strap and Reflector attachable.



★

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: BC9/16"×20T or M14×P1.25
Weight: 100AL, BL 345g(12.8oz)
100CP 420g(14.7oz)
Toe clip, Strap and Reflector attachable.



★

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: BC9/16"×20T or M14×P1.25
Weight: 370g(13oz)
Toe clip, Strap and Reflector attachable.

NEW



☆

Model SP-152
SILSTAR PEDAL-152

One piece fram. Quill type, with Reflector.
Foot on size: 61mm(2⅜")×100mm(4")
Thread: BC9/16"×20T or M14×P1.25
Weight: 410g(14.4oz)
Toe clip and Strap attachable.



★

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: BC9/16"×20T or M14×P1.25
Weight: 345g(12.1oz)



★

Model SP-360
SILSTAR PEDAL-360

One piece frame.
Quill type. With reflector.
Foot on size: 60mm(2⅜")×105mm(4⅛")
Thread: BC9/16"×20T
M14×P1.25
Weight: 460g(16.1oz)

NEW



☆

Model SP-364
SILSTAR PEDAL-364

One piece frame.
Self-Balanced pedal. With Reflector.
Foot on size: 75mm(3")×100mm(4")
Thread: BC9/16"×20T or M14×P1.25
Weight: 550g(19.3oz)
Toe clip and Strap attachable.



NEW

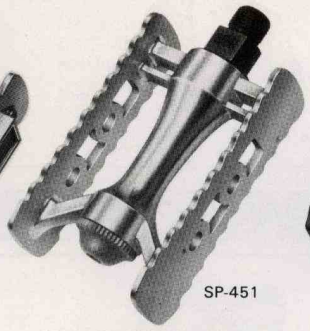
☆

Model SP-466
SILSTAR PEDAL-466

One piece frame. With Reflector.
Foot on size: 63mm(2½")×100mm(4")
Thread: BC9/16"×20T or M14×P1.25
Weight: 420g(14.7oz)

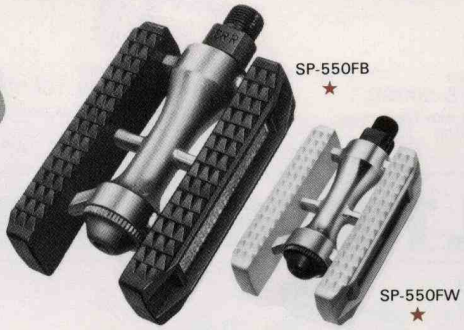


★



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: BC9/16"×20T or M14×P1.25
Weight: SP-450 440g(15.4oz)
SP-451 400g(14oz)



★

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

One piece frame.
Full rubber type.
Foot on size: 65mm(2⅝")×98mm(3⅞")
Thread: BC9/16"×20T or M14×P1.25
Weight: 500g(17.5oz)



☆

Model SP-562FW(White rubber)
SP-562FB (Black rubber)
SILSTAR PEDAL-562

One piece frame.
Self-balanced pedal.
With reflector.
Foot on size: 70mm(2¾")×100mm(4")
Weight: 560g(19.6oz)



NEW

☆

Model SP-468
SILSTAR PEDAL-468

One piece frame. With Reflector.
Foot on size: 64mm(2½")×95mm(3¾")
Thread: BC9/16"×20T or UNF½"×20T
Weight: 410g(14.4oz)
AC-30, AC-40 Toe clip attachable.

Please specify the following details in your order.
Example

Model	Thread
SP-150-	B(BC9/16"×20T)
	-F(M14×P1.25)
	-U(UNF½"×20T)



NEW

Model SP-601FW(White)
SP-601FB (Black)
SILSTAR PEDAL-601

Made of plastic one piece frame.
For juvenile.
Foot on size: 55mm(2⅛")×92mm(3⅝")
Thread: BC9/16"×20T
Weight: 290g(10.2oz)



NEW

☆



NEW

☆

Model SP-511FW(White)
SP-511FB (Black)
SILSTAR PEDAL-511FB, FW

Made of plastic one piece frame.
Self-Balanced pedal. With Reflector.
Foot on size: 75mm(3")×93mm(3⅝")
Thread: BC9/16"×20T or UNF½"×20T
Weight: 430g(15.1oz)

SEAT PILLARS

FOURSIR SEAT PILLARS

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



FS-P5

Model FS-P5
FOURSIR-P5 (SAKAE LAPRADE)
Saddle wire width: 43mm(1 11/16")
Pillar length: 190mm(7 1/2")
Diam: 25.8, 26.0, 26.2, 26.4, 26.6
26.8, 27.0, 27.2mm
Weight: 200g(7 oz)

ROYAL SEAT PILLARS

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

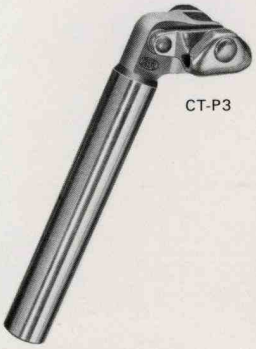


RY-P1

Model RY-P1
ROYAL-P1
Saddle wire width: 45mm(1 3/4")
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.



CT-P3

Model CT-P3
CUSTOM-P3
Saddle wire width: 45mm(1 3/4")
Pillar length: 195mm(7 11/16")
Diam: 25.8, 26.0, 26.2, 26.4, 26.6,
26.8, 27.0mm
Weight: 295g(10.4 oz)



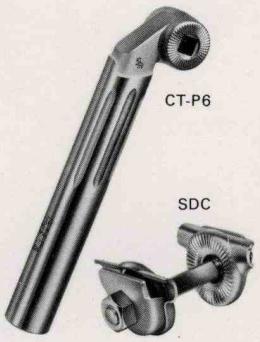
CT-P5

Model CT-P5
CUSTOM-P5 (SAKAE LAPRADE)
Adjusted and fixing by a single bolt from below.
Saddle wire width: 43mm(1 11/16")
Pillar length: 190mm(7 1/2"), 220mm(8 5/8")
Diam: 25.4, 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)



CT-P5A

Model CT-P5A
CUSTOM-P5A (SAKAE LAPRADE)
Adjusted and fixing by a single bolt from below. Aerodynamic style.
Saddle wire width: 43mm(1 11/16")
Pillar length: 190mm(7 1/2"), 220mm(8 5/8")
Diam: 26.2, 26.4, 26.6, 26.8, 27.0 mm
Weight: (190mm) 250g(8.8 oz)
(220mm) 270g(9.5 oz)



CT-P6

SDC

Model CT-P6 (without saddle clamp)
CT-P6C (with saddle clamp)
CUSTOM-P6
Pillar length: 180mm(7")
Diam: 25.4, 25.8, 26.0, 26.2,
26.4, 26.6, 26.8mm
Weight: 170g(6 oz)

Model SDC
SADDLE CLAMP
Made of steel. U-P.
For CT-P6 seat pillar.
Weight: 100g(3.5 oz)



ASP

Model ASP
ALUMI SEAT POST
Melt-forged high-strength Rustless light alloy post.
Length: 180mm(7") or 230mm(9")
Diam: 25.8, 26.0, 26.2, 26.4, 26.6,
26.8, 27.0, 27.2mm

PEDAL ACCESSORIES

SR TOE CLIP
AC-30
AC-40



SR TOE CLIP
AC-45



Model AC-30
SR TOE CLIP
Made of Extra Super Duralumin.
Anodized finish.
Size: S, M, L, LL
Weight: One set S, M 43g(1.5 oz)
L 44g(1.5 oz)
LL 46g(1.6 oz)

Model AC-40
SR TOE CLIP
Made of Stainless steel.
Size: S, M, L
Weight: 78g(2.7 oz)

Model AC-45
SR TOE CLIP
Made of Stainless steel.
Suitable for: SP-152, SP-364.
SP-12 (Without nut)
Size: M, L
Weight: One set 62g(2.2 oz)

SR TOE STRAP



Model AS-30WH (White)
AS-30BL (Black)
AS-30RD (Red)
AS-30BU (Blue)
SR TOE STRAP
Made of Leather
Size: 400mm
Weight: 58g(2 oz)

SR PEDAL SPIN



Model AP-01
SR PEDAL SPIN
Made of Stainless steel.
Weight: One set 20g(0.7 oz)

SR REFLECTOR ADAPTER

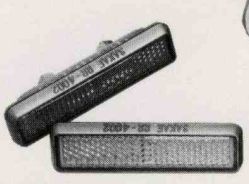


Model AP-02
SR REFLECTOR ADAPTER
Suitable for: SP-11.
Made of Stainless steel.
Weight: One set 24g(0.8 oz)

SR TOE CLIP
ADAPTER



Model AP-03
SR TOE CLIP ADAPTER
Made of Stainless steel.
Suitable for: SP-12 or SP-364.
Available for Toe Clip AC-30, AC-40.
Also Reflector available for SP-12.
Weight: One set 20g(0.7 oz)

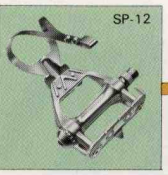
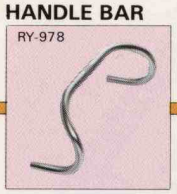
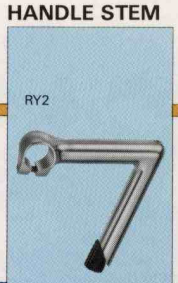
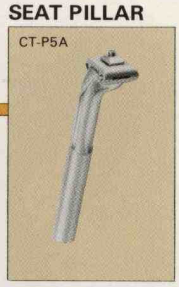
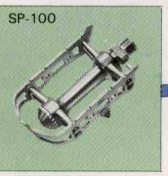
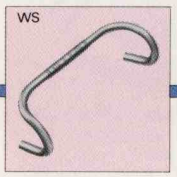
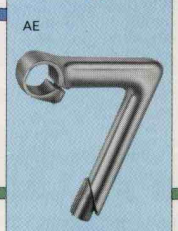
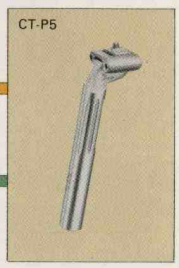
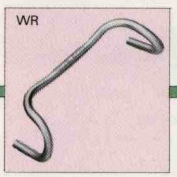


SR PEDAL REFLECTOR

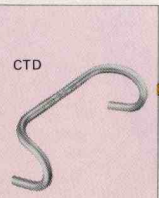
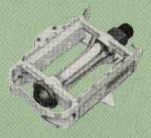
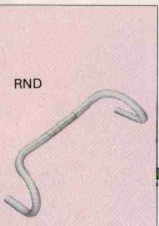
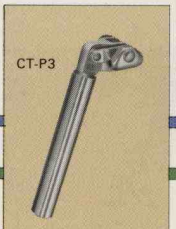
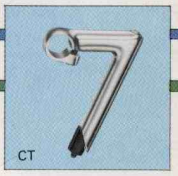
Model AR-02
SR PEDAL REFLECTORS
Amber color.
Lens size: 64mm(2 1/2")×15mm(19/32")
Weight: One set 60g(2.1 oz)
Meet C.P.S.C standard.

ORIGINAL COMPONENT TABLE

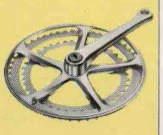
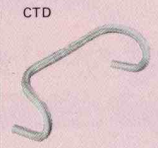
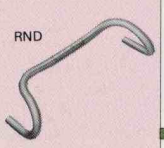
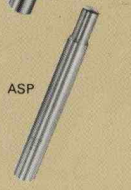
AEROX SERIES

	CHAINWHEEL	PEDAL	HANDLE BAR	HANDLE STEM	SEAT PILLAR
ROAD RACING	AE-5LA 	SP-12 	RY-978 	RY2 	CT-P5A 
SPORTIF	AE-5RG 	SP-100 	WS 	AE 	CT-P5 
TOURING	AE-5TRG 	SP-11 	WR 		

SUPER CUSTOM SERIES

	CHAINWHEEL	PEDAL	HANDLE BAR	HANDLE STEM	SEAT PILLAR	HUB
RACING	CT-5LA 	SP-150 	CTD 	CR 	CT-P5 	SH-300QR 
SPORTIF	CT-5RG 	SP-152 	RND 	CU 	CT-P3 	SH-100QR 
TOURING	CT-5TG 			CT 		

CUSTOM DX GROUP

	CHAINWHEEL	PEDAL	HANDLE BAR	HANDLE STEM	SEAT PILLAR	HUB
POPULAR SPORTS MODEL / 10,12 SPEED MODEL	CAC-5DXC3 	SP-364  SP-466 	CTD  RND 	SR 	CT-P6  ASP 	SH-300SD  SH-100SD 
5,6 SPEED MODEL	CAC-5DXC3 Single 	SP-468 				

SAKAE RINGYO CO.,LTD.

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