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SD165



SD250

Internal Geared Crankset

ATS-speed drive - SD165 / SD250

- Incl. chainring, crankarms, (Option: kickplate)
- Gear ratio: SD165 (SD250) - 100% & 165% (250%)
- Axle length: 138 mm for bottom bracket widths of 67-73mm. (Over 138mm available when ordering.)
- Chain Line: 30~56mm, adjustable.
- Chain ring: from 22T(SD165)/19T(SD250)~any teeth.
- Chain guard: Option, silver or black.
- Shifting mode: by hand (T) or by heel (H).

Cranks & Kickplates

Cranks

- Forged alloy 6061
- Length : 155/160/165/170mm
- Finish : high polish silver / black anodized

Kickplate

- Forged alloy 6061
- Length : 155/160/165/170mm
- Finish : silver / black anodized



Chain Ring & Chain Guard

- BCD : 110mm
- CNC Alloy / 7075 / T6
- Teeth: (a)For SD165 : 22/27/34/36/38/
39/40/44/50/54 T.
- (b)For SD250:19T~ 54T (to order)
- Finish: sand blast black & silver anodized



Belt Drive

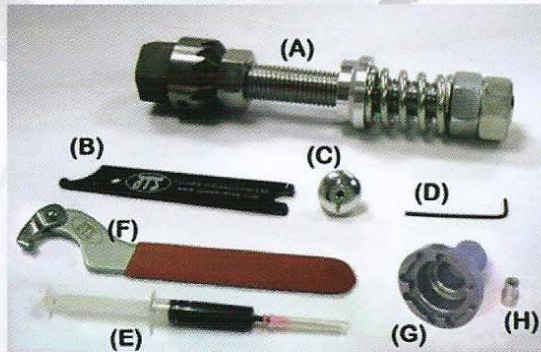
- CNC Alloy / 7075 / T6
- Front wheel Teeth: 45T ~ any teeth (for 8M belt drive)
- Rear wheel Teeth: 25 /32 /35T
- Finish : black or silver anodized

Tools

Milling cutter(A) for chamfering the bottom bracket (for cone installation) required.

Multi-C spanner(F) for BB nut on left side and adjust gearing play.

Box spanner(G) for BB nut on left side.
Small tube(H) for disassemble crank arm (prevent from shifting shaft bend or break)



Maintenance

C-spanner(B) for adjust gearing play and gear shifting button(C) when being tightened. 1.5mm allen wrench(D) for tightening gear shifting button. MoS2 injector(E) for lubrication.



FS1

FS9

Folding Stem

Model number :

FS1	L	I	F	22.2
FS9	R	A	E	25.4
				28.6

FS11	L	I	F	22.2	S
	R	A	E	25.4	B
				28.6	



FS11

Remark:

- (1) Model name: FS1 / FS9 / FS11
- (2) L : fold to Left side. R: fold to Right hand side.
- (3) I : Insert type. A: for Ahead set.
- (4) F : stem length Fixed. E: high Extendable.
- (5) Diameter: 22.2 / 25.4 / 28.6mm
- (6) S : Straight tubing. B: Bend tubing.



CG25-2 CG25-1 CG25-0

Cable Guide

- 1 hole / 2 holes / none hole (hole cover)
- Thickness: for 2mm/ 2.5mm / 3mm