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PRODUCTS
CATALOGUE

ABOUT **TMARS**

S.D. Components Co., Ltd. was founded in 1994 and embarked into cycling industry by participating OEM & ODM projects with some renowned cycling brands.

By 2009, to combine Taiwan and MARS, it is symbolizing our determination of being the very vanguard of Taiwan cycling industry. TMARS also stands for **Trustiness, Maintenance, Accuracy, Reciprocation, and Satisfaction, which is our company motto.**

With over **20 years'** experience developing bicycle components; S.D. is committed offering our best service to meet all clients' satisfaction. Our product range includes dropper posts, seat posts, stems, other parts, and accessories. S.D. possesses many exclusive patents. **We believe that safety is the first priority, all the components we developed are tested in-house according to ISO 4210:2014 safety requirements for bicycles.** S.D. Components Co., Ltd. is specialized in OEM manufacturing and ODM development of bicycle parts. You are most welcomed to contact us should you wish to make an inquiry or become our international distributor of TMARS brand.

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FOR E-BIKE

ITEM NO. SD-111T

Material	Alloy 6061 DB (Hydroform)
Barbore	Ø31.8mm
Length	680~760mm
Back Sweep	9°

Top-flat Bar

ITEM NO. SD-355

Material	Alloy 6061 Forged
Steer Clamp	Ø28.6mm
Bar Clamp	Ø31.8mm
Adjustable Angle	±45°
Extension	100mm
Weight	209g

Angle Adjustable

ITEM NO. SD-475

Material	Alloy 6061 3D Forged Tube
Offset	20mm
Dia.	Ø27.2 / Ø30.9 / Ø31.6mm
Length	300 / 350 / 400mm
Travel	20 mm
Weight	620g (Ø27.2x350mm)

Parallelogram system

FOR MTB

ITEM NO. SD-113

Material	Alloy 6061
Barbore	Ø31.8 mm
Width	600~800 mm
Rise	0.5"/1"/1.5"/2"
Back Sweep	9°
Up Sweep	5°
Weight	300g (700x1", 6061DB)

ITEM NO. SD-383

Material	Alloy 6061 Full CNC
Steer Clamp	Ø28.6mm
Bar Clamp	Ø31.8mm / Ø35mm (Ø31.8 Shim available)
Rise	0°
Extension	35mm / 50mm
Weight	115g (35mm Length)

ITEM NO. SD-471L

Material	External Tube: Alloy 6066 Internal Axle:Alloy6066
Offset	23mm
Dia.	Ø27.2mm / Ø31.6mm
Travel	0 / 45 / 90mm (L:400mm) 0 / 55 / 110mm (L: 440mm) 0 / 75 / 125mm (L: 470mm)
Weight	646g (Ø27.2x400mm)

FOR ROAD BIKE

ITEM NO. SD-115

Material	Alloy 6061
Barbore	Ø31.8mm
Width	400mm~440mm
Bar Dia.	Ø24.0mm
Drop	140mm
Reach	80mm

ITEM NO. SD-333

Material	Alloy 2014 3D Forged
Steer Clamp	Ø28.6mm
Bar Clamp	Ø31.8mm
Rise	±6°
Extension	90/ 100/ 110/ 120mm
Weight	129g (100mm)

ITEM NO. SD-432

Material	Alloy 6061 3D Forged
Offset	25mm
Dia.	Ø27.2 / Ø31.6mm
Length	300 / 350 / 400mm
Weight	257g (Ø27.2x350mm)

FOR CITY BIKE

ITEM NO. SD-111P

Material	Alloy 6061PG
Barbore	Ø31.8mm
Width	520~720mm
Rise	0
Up Sweep	5°

ITEM NO. SD-361

Material	Alloy 356.2 Melt Forged
Steer Clamp	Ø28.6mm
Bar Clamp	Ø31.8mm
Rise	±10°
Extension	50~100mm
Weight	210g (80mm)

ITEM NO. SD-403

Material	Alloy 6061
Dia.	Ø25.4~27.2 / Ø28.6~31.8 / Ø34.9
Length	300~600mm
Weight	300g (Ø27.2x350mm)

MECHANICAL DROPPER SEAT POST

ITEM NO. SD-471

Material	External Tube: Alloy 6066 Internal Axle: Alloy 6066
Offset	23mm
Dia.	Ø27.2mm / Ø31.6mm
Travel	0 / 45 / 90mm (L:400mm) 0 / 55 / 110mm(L: 440mm) 0 / 75 / 125mm(L: 470mm)
Weight	565g (Ø27.2x400mm)

ITEM NO. SD-471L

Material	External Tube: Alloy 6066 Internal Axle:Alloy 6066
Offset	23mm
Dia.	Ø27.2mm / Ø31.6mm
Travel	0 / 45 / 90mm (L:400mm) 0 / 55 / 110mm (L: 440mm) 0 / 75 / 125mm(L: 470mm)
Weight	646g (Ø27.2x400mm)

MECHANICAL DROPPER SEAT POST

ITEM NO. SD-419S

Material	External Tube: Alloy 6066 Internal Axle: Alloy 6066
Dia.	Ø27.2mm / Ø31.6mm
Length	400/445mm
Travel	0 / 45 / 90mm (L:400mm) 0 / 55 / 110mm(L: 445mm)
Weight	592g (Ø27.2x445mm)

ITEM NO. SD-419L

Material	External Tube: Alloy 6061 Internal Axle: CrMo
Dia.	Ø27.2mm / Ø31.6mm
Length	400/445mm
Travel	0 / 45 / 90mm (L:400mm) 0 / 55 / 110mm(L: 445mm)
Weight	574g (Ø27.2x445mm)

SUSPENSION SEAT POST

ITEM NO. SD-475

Material	Alloy 6061 3D Forged Tube
Offset	20mm
Dia.	Ø27.2 / Ø30.9 / Ø31.6 mm
Length	300 / 350 / 400 mm
Travel	20 mm
Weight	620g (Ø27.2x350mm)

Parallelogram system

ITEM NO. SD-515

Material	Alloy 6061
Offset	15mm
Dia.	Ø25.4 / Ø27.2mm
Length	350mm
Travel	40mm
Weight	534g (Ø25.4x350mm)

ITEM NO. SD-456

Material	Alloy 6061
Tapered	Ø22.2mm
Dia.	Ø25.0 / Ø25.4 / Ø27.2mm
Length	300mm / 350mm
Travel	40mm
Weight	344g (Ø25.0x300mm)

CARBON SEAT POST

ONE PIECE

ITEM NO. SD-436.C

Material	Carbon Tube / Alloy 6061 Clamp
Dia.	Ø27.2 / Ø30.9 / Ø31.6mm
Length	300 / 350 / 400mm
Weight	178g (Ø27.2x350mm)

ITEM NO. SD-449.C

Material	Carbon Tube / Alloy 6061 Clamp
Offset	13mm
Dia.	Ø27.2 / Ø30.9 / Ø31.6mm
Length	300 / 350 / 400mm
Weight	193g (Ø27.2x350mm)

ITEM NO. SD-436.8

Material	Alloy 7075
Dia.	Ø27.2 / Ø30.9 / Ø31.6mm
Length	300 / 350 / 400mm
Weight	185g (Ø27.2x350mm)

Special procedure for ultra-lightweight seat post.

Patented design for easier installation.

ITEM NO. SD-436.7

Material	Alloy 7075
Dia.	Ø27.2 / Ø30.9 / Ø31.6mm
Length	300 / 350 / 400mm
Weight	219g (Ø27.2x350mm)

Patented design for easier installation.

ITEM NO. SD-422.C

Material	Carbon Tube / Alloy 6061 Clamp
Offset	23mm
Dia.	Ø27.2 / Ø30.9 / Ø31.6mm
Length	300 / 350 / 400mm
Weight	232g (Ø27.2x350mm)

ITEM NO. SD-428.C

Material	Carbon Tube / Alloy 6061 Clamp
Dia.	Ø27.2 / Ø30.9 / Ø31.6mm
Length	300 / 350 / 400mm
Weight	226g (Ø27.2x350mm)

ITEM NO. SD-436

Material	Alloy 6061
Dia.	Ø27.2 / Ø30.9 / Ø31.6 / Ø34.9mm
Length	300~600mm
Weight	252g (Ø27.2x350mm)

Patented design for easier installation.

ONE PIECE

ITEM NO. SD-432

Material	Alloy 6061 3D Forged
Offset	25mm
Dia.	Ø27.2 / Ø31.6mm
Length	300 / 350 / 400mm
Weight	257g (Ø27.2x350mm)

ITEM NO. SD-437

Material	Alloy 6061 3D Forged
Offset	15mm
Dia.	Ø27.2 / Ø31.6mm
Length	300 / 350 / 400mm
Weight	294g (Ø27.2x350mm)

Micro Angle Adjustable

ITEM NO. SD-485

Material	Alloy 6061 3D Forged
Offset	15mm
Dia.	Ø27.2 / Ø30.9 / Ø31.6mm
Length	300 / 350 / 400mm
Weight	281g (Ø27.2x350mm)

SEAT POST

ITEM NO. SD-449 PATENTED

Material	Alloy 6061 Forged head
Offset	13mm
Dia.	Ø27.2 / Ø30.9 / Ø31.6 / Ø34.9mm
Length	300 / 350 / 400mm
Weight	267g (Ø27.2x350mm)

Easy Assembly

ITEM NO. SD-428

Material	Alloy 6061 Forged head
Dia.	Ø25.0~32.0 / Ø34.9
Length	300~600mm
Weight	281g (Ø27.2x350mm)

SEAT POST

ITEM NO. SD-422

Material	Alloy 6061 Forged head
Offset	23mm
Dia.	Ø27.2 / Ø30.9 / Ø31.6mm
Length	300 / 350 / 400mm
Weight	260g (Ø27.2x350mm)

ITEM NO. SD-408 / SD-408F

Material	Alloy 6061 / 3D Forged
Dia.	Ø25.4~27.2 / Ø28.6~31.8 mm (SD-408) Ø27.2 / Ø31.6 mm (SD-408F)
Length	300 / 350 / 400mm
Weight	262g (Ø27.2x350mm)

ITEM NO. SD-425 / SD-425F

Material	Alloy 6061 / 3D Forged
Offset	12mm
Dia.	Ø25.4~27.2 / Ø28.6~31.8 mm (SD-425) Ø25.4 / Ø27.2 / Ø31.6 mm (SD-425F)
Length	300 / 350 / 400mm
Weight	296g (Ø27.2x350mm)

SEAT POST

ITEM NO. SD-403

Material	Alloy 6061
Offset	15mm
Dia.	Ø25.4~27.2 / Ø28.6~31.8 / Ø34.9mm
Length	300~600mm
Weight	300g (Ø27.2x350mm)

ITEM NO. SD-409

Material	Alloy 6061
Offset	15mm
Dia.	Ø25.4~27.2 / Ø28.6~31.8 / Ø34.9mm
Length	300~600mm
Weight	304g (Ø27.2x350mm)

ITEM NO. SD-470

Material	Alloy 6061
Tappered Dia.	Ø22.2mm
Dia.	Ø25.4 / Ø27.2mm
Length	300 / 350 / 400mm
Weight	176g (Ø27.2x350mm)

ITEM NO. SD-42B/C/D

Material	Alloy 6061
Length	60mm
Inner Dia.	B: Ø25.4mm C: Ø26.4mm D: Ø27.2mm
Outer Dia.	B: Ø26.4mm~28.0mm C: Ø28.0mm~30.0mm D: Ø30.0mm~31.8mm

ITEM NO. SD-42J

Material	Alloy 6061
Length	60 / 100mm
Inner Dia.	Ø27.2mm
Outer Dia.	Ø30.9 / Ø31.6mm

Customized diameter available.

STEM

ITEM NO. SD-355

Material	Alloy 6061 Forged
Steer Clamp	Ø28.6mm
Bar Clamp	Ø31.8mm
Adjustable Angle	±45°
Extension	100mm
Weight	209g

ITEM NO. SD-383

Material	Alloy 6061 Full CNC
Steer Clamp	Ø28.6mm
Bar Clamp	Ø31.8 / 35mm (Ø31.8 Shim available)
Rise	0°
Extension	35mm / 50mm
Weight:	115g (35mm Length)

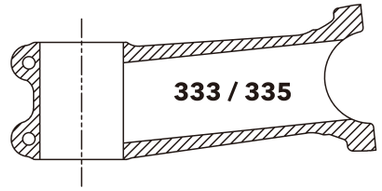
ITEM NO. SD-302

Material	Alloy 6061
Spac.	Ø35 to 31.8mm Ø31.8 to 25.4mm

STEM

ITEM NO. SD-333

Material	Alloy 2014 3D Forged
Steer Clamp	Ø28.6mm
Bar Clamp	Ø31.8mm
Rise	±6°
Extension	90/ 100/ 110/ 120mm
Weight	129g (100mm)



ITEM NO. SD-335

Material	Alloy 2014 3D Forged
Steer Clamp	Ø28.6mm
Bar Clamp	Ø31.8mm
Rise	±6°
Extension	90/ 100/ 110/ 120mm
Weight	135g (100mm)

ITEM NO. SD-336

Material	Alloy 6061 3D Forged
Steer Clamp	Ø28.6mm
Bar Clamp	Ø31.8mm
Rise	±6°
Extension	90/ 100/ 110/ 120mm
Weight	143g (100mm)

ITEM NO. SD-338

Material	Alloy 6061 3D Forged
Steer Clamp	Ø28.6mm
Bar Clamp	Ø31.8mm
Rise	±6°
Extension	90/ 100/ 110/ 120mm
Weight	150g (100mm)

STEM

ITEM NO. SD-346

Material	Alloy 6061 3D Forged
Steer Clamp	Ø28.6mm
Bar Clamp	Ø31.8mm
Rise	±6°
Extension	90/ 100/ 110/ 120mm
Weight	133g (100mm)

ITEM NO. SD-348

Material	Alloy 6061 3D Forged
Steer Clamp	Ø28.6mm
Bar Clamp	Ø31.8mm
Rise	±8°
Extension	90/ 100/ 110/ 120mm
Weight	131g (100mm)

ITEM NO. SD-361

Material	Alloy 356.2 Melt Forged
Steer Clamp	Ø28.6 mm
Bar Clamp	Ø31.8 mm
Rise	±10°
Extension	50~100 mm
Weight	210g (80 mm)

ITEM NO. SD-301

Material	Alloy 6061
Steer Clamp	Ø28.6mm
Rise Section	50mm~83mm

FLAT BAR

ITEM NO. SD-111T

Material	Alloy 6061 DB (Hydroform)
Barbore	Ø31.8mm
Length	680~760mm
Back Sweep	9°

Top-flat Bar

ITEM NO. SD-111 / 111.7 / 111.C

Material	Alloy 6061 / 7075 / Carbon
Barbore	Ø31.8mm
Width	520~720mm
Back Sweep	5° (SD-111)

ITEM NO. SD-112

Material	Alloy 6061
Barbore	Ø25.4mm
Width	500~620mm
Back Sweep	6° / 10°

RISE BAR

ITEM NO. SD-113 / 113.7 / 113.C

Material	Alloy 6061 DB / 7075 / Carbon
Barbore	Ø31.8mm
Width	600~800mm
Back Sweep	9° (SD-113)
Up Sweep	5°

ITEM NO. SD-113P

Material	Alloy 6061 PG
Barbore	Ø31.8mm
Width	600~800mm
Back Sweep	9°
Up Sweep	5°

ITEM NO. SD-114

Material	Alloy 6061
Barbore	Ø25.4mm
Width	480~620mm
Rise	40~60mm
Back Sweep	6° / 9°

DROP BAR

ITEM NO. SD-115 / 115.7 / 115.C

Material	Alloy 6061 / 7075 / Carbon
Barbore	Ø31.8mm
Width	400~440mm
Bar Dia.	Ø24.0mm
Drop	140mm
Reach	80mm

ITEM NO. SD-115M

Material	Alloy 6061
Barbore	Ø31.8mm
Width	570~610mm
Bar Dia.	Ø23.8mm
Flared Angle	34°
Drop	110mm
Reach	85mm
Weight	319g (610mm)

SEAT CLAMP

ITEM NO. SD-580

Material	Alloy 6061 Forged
Dia.	Ø31.8mm / Ø34.9mm
Height	23.0mm
Weight	17.0g (Ø31.8mm)

ITEM NO. SD-589

Material	Alloy 6061
Dia.	Ø31.8mm / Ø34.9mm
Height	17.0mm
Weight	15.2g (Ø31.8mm)

ITEM NO. SD-590

Material	Alloy 6061
Dia.	Ø31.8mm / Ø34.9mm
Height	14.0mm
Weight	18.2g (Ø31.8mm)

ITEM NO. SD-595

Material	Alloy 6061
Dia.	Ø31.8mm / Ø34.9mm
Height	13.0mm
Weight	13.8g (Ø31.8mm)

QUICK RELAEASE SEAT CLAMP

ITEM NO. SD-578Q

Material	Alloy 6061
Dia.	Ø31.8mm / Ø34.9mm
Height	17.0mm
Weight	25.4g (Ø31.8mm)

ITEM NO. SD-580Q

Material	Alloy 6061 Forged
Dia.	Ø31.8mm / Ø34.9mm
Height	23.0mm
Weight	27.5g (Ø31.8mm)

ITEM NO. SD-590Q

Material	Alloy 6061
Dia.	Ø31.8mm / Ø34.9mm
Height	14.0mm
Weight	26.0g (Ø31.8mm)

ITEM NO. SD-595Q

Material	Alloy 6061
Dia.	Ø31.8mm / Ø34.9mm
Height	14.0mm
Weight	26.0g (Ø31.8mm)

QUICK RELAEASE SEAT CLAMP

ITEM NO. SD-599Q

Material	Alloy 6061
Dia.	Ø31.8mm / Ø34.9mm
Height	14.0mm
Weight	33.6g (Ø31.8mm)

ITEM NO. SD-586Q

Material	Alloy 6061
Dia.	Ø31.8mm / Ø34.9mm
Height	14.4mm
Weight	24.5g (Ø31.8mm)

ITEM NO. SD-581Q

Material	Alloy 6061
Dia.	Ø31.8mm / Ø34.9mm
Height	14.0mm
Weight	39.6g (Ø31.8mm)

ITEM NO. SD-585Q

Material	Alloy 6061
Dia.	Ø31.8mm / Ø34.9mm
Height	14.0mm
Weight	42.0g (Ø31.8mm)

BAR END

ITEM NO. SD-218R

Material	Alloy 6061
Bar Bore	Ø22.2mm
Drop	120mm
Reach	72mm

ITEM NO. SD-221X

Material	Alloy 6061
Bar Bore	Ø22.2mm
Length	96mm

ITEM NO. SD-226

Material	Alloy 6061 / PP / TPR
Bar Bore	Ø22.2mm
Length	80mm

ITEM NO. SD-224

Material	Alloy 6061
Bar Bore	Ø22.2mm
Length	100mm

ITEM NO. SD-218

Material	Alloy 6061
Bar Bore	Ø22.2mm
Length	82mm

ITEM NO. SD-218D

Material	Alloy 6061
Bar Bore	Ø22.2mm
Length	82mm

ITEM NO. SD-599FR

Material	Alloy 6061 Forged Lever / CrMo Steel Axle
Length	F: 115mm, R: 148.5mm / 151.5mm
Weight	66.0g

ITEM NO. SD-595FR

Material	Alloy 6061 Forged Lever / CrMo Steel Axle
Length	F: 115mm, R: 148.5mm/151.5mm
Weight	63.9g

ITEM NO. SD-580FR

Material	Alloy 6061 Forged Lever / CrMo Steel Axle
Length	F: 115mm, R: 148.5mm/151.5mm
Weight	66.0g

ITEM NO. SD-589FR

Material	Alloy 6061 Forged Lever / CrMo Steel Axle
Length	F: 115mm, R: 148.5mm/151.5mm
Weight	70.0g

ITEM NO. SD-590FR

Material	Alloy 6061 CNC Lever (Dual Surface Treatment) / CrMo Steel Axle
Length	F: 115mm, R: 148.5mm/151.5mm
Weight	71.4g

ITEM NO. SD-578FR

Material	Alloy 6061 CNC Lever / CrMo Steel Axle
Length	F: 115mm, R: 148.5mm/151.5mm
Weight	65.6g

ITEM NO. SD-586FR

Material	Alloy 6061 Lever / CrMo Steel Axle
Length	F: 115mm, R: 148.5mm/151.5mm
Weight	66.0g

ITEM NO. SD-581FR

Material	Alloy 6061 Lever / CrMo Steel Axle
Length	F: 115mm, R: 148.5mm/151.5mm
Weight	66.0g

HANDLE BAR BASKET

ITEM NO. SD-100

Material	Alloy 6061 Wood Base
Spec	Ø25.4x630mm
Basket size	380x270x110mm
Weight	1540g

ITEM NO. SD-101

Material	Alloy 6061
Spec	Ø25.4x630mm
Basket size	380x270x110mm
Weight	1240g

ITEM NO. SD-102

Material	Alloy 6061 / Bungee
Spec	Ø25.4x630mm
Base size	380x270mm
Weight	880g

ITEM NO. SD-106

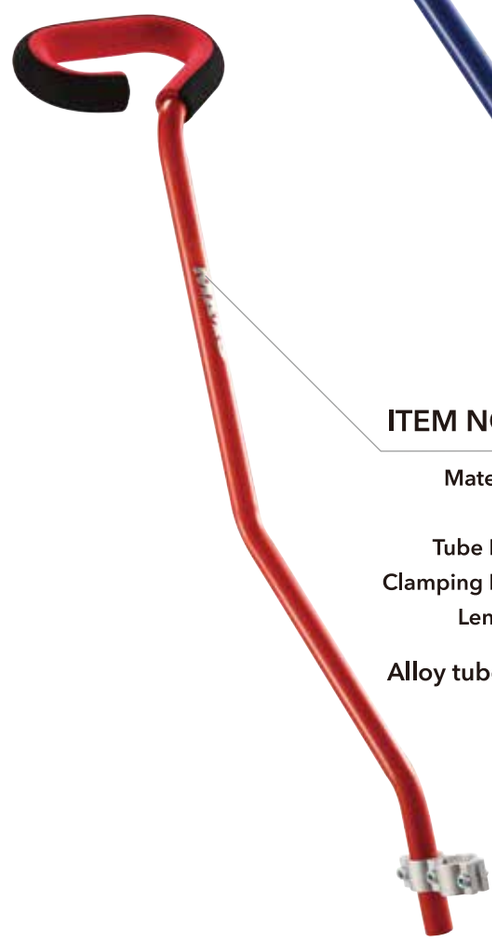
Material	Alloy 6061 / Bungee
Spec	Ø25.4x630mm
Basket size	280x280x160mm
Weight	1140g

KIDS BIKE PUSH ROD

ITEM NO. SD-772

Material	CrMo Steel Tube, Alloy 6061 Clamp
Tube Dia.	Ø22.2mm
Clamping Dia.	Ø28.6mm
Length	750mm

Alloy tube available



ITEM NO. SD-773

Material	CrMo Steel Tube, Alloy 6061 Clamp
Tube Dia.	Ø22.2mm
Clamping Dia.	Ø28.6mm
Length	790mm

Alloy tube available

ITEM NO. SD-813
Cell Phone Holder

Material	PA6 / Alloy 6061
Compatible	Min: 122 x 52 x 7
Cellphone size(mm)	Max: 170 x 82 x 11

With suspension system

ITEM NO. SD-815E
Cell Phone Holder

Material	PA6 / Alloy 6061
Compatible	Min: 122 x 52 x 7
Cellphone size(mm)	Max: 170 x 82 x 11

ITEM NO. **SD-818**
Bottle Cage Adapter

Material | Alloy 6061

With Quick Release System

ITEM NO. **SD-818E**
Bottle Cage Adapter

Material | Alloy 6061