



BITEX®
POWER. ROLL.

2015

BITEX

BITEX INDUSTRIAL CO. LTD

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design & printing by mollic.com





Company

The hub is important because it is the main weight-bearing component of the bike. The weight of bicycle and the rider, with all the rolling forces, bear down on the hubs. Amid today's varied and demanding bicycle-performance requirements, Bitex makes a wide range of bicycle hubs that offer:

- Superior strength & stiffness
- Longest lasting durability & reliability
- Lightest weight
- Smoothest rolling performance
- Best value
- Finest finishing colors



BITEX INDUSTRIAL CO. LTD
www.bitexhubs.com





This is the revolution to make the hubs-unique in the world.
Good quality / Best Service /Customers satisfaction

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 Sealed Bearings  Ball Bearings

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History

2014

★ 54HD MTB Freehub Body



2010

4th Generation

★ Six Pawls Patented Design



1978

3rd & 4th Generation

Company Name : Bitex Industrial Co., Ltd.

The first to invent the following hubs

- ★ Three - Pieces Steel Hub - Patented.
- ★ One - Piece Steel Hub - Patented.
- ★ One - Piece Alloy Hub - Patented.

1947

2nd Generation

Company Name : Valisum Industrial Co., Ltd.

The first company to develop coaster hub.

1923

1st Generation

Name of shop : Valisum Bike Shop

The first to offer :

- ★ Rickshaw (1935)
- ★ Tricycle (1948)



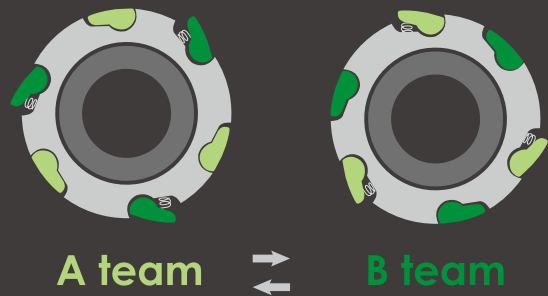
Patented 6 Pawls Design



Taiwan	M425782
China	ZL 2011 2 0406119 0
Germany	Nr. 20 2011 051 875.2
USA	US 8,443,951 B1

How it works

New and improved design. Two sets of three pawls - six in total - reduction in distance between points of engagement by 50%.



Application

Bitex Free Hub Body

NEW DESIGN
54HD FOR MTB



- Shimano 10 sp



- Shimano 11 sp



- Campagnolo



- SRAM : XX1




Easy conversion from Shimano 11sp to Shimano 10sp with our ring spacer

- 1). Lightweight
- 2). More durable : total 6 pawls, 3 pawls one turn, 2 turns work
- 3). Smooth : 48HD & 54HD high transmission efficiency
- 4). Compatible for Shimano 10 / 11 , Campagnolo & Sram XX1

ROAD BIKE HUBS

BX301F 97g

Straight pull hub


- Rolling System :  2
- Gauge : 14
- Spoke Holes : 16 , 18 , 20
- O.L.D : 100mm
- Axle : M9 (A7075)
- P.C.D : $\varnothing 30,3$

Color :



BX301R 227g

Straight pull hub

- Rolling System :  4
- Gauge : 14
- Spoke Holes : 24 , 7/14 , 8/16
- O.L.D : 130mm
- Axle : M10 (A7075)
- P.C.D : $\varnothing 32$, $\varnothing 52,5$

Color :

Cassette Free Hub Body
Exchangeable



- Shimano 10 / 11 sp
Aluminum (A7075)
6 Pawls




- Campagnolo
Aluminum (A7075)
6 Pawls

ROAD BIKE HUBS

RSPF 106.5g

Straight Pull

- Rolling System :  2
- Gauge : 14
- Spoke Holes : 20
- O.L.D : 100mm
- Axle : M9 (A7075)
- P.C.D : Ø30.3

Color :



RSPR 210g

Straight Pull

- Rolling System :  4
- Gauge : 14
- Spoke Holes : 24
- O.L.D : 130mm
- Axle : M10 (A7075)
- P.C.D : Ø32 , Ø52.5

Color :

Cassette Free Hub Body
Exchangeable



- Shimano 10 / 11 sp
Aluminum (A7075)
6 Pawls




- Campagnolo
Aluminum (A7075)
6 Pawls

ROAD BIKE HUBS

RAF10 66g

Lightweight

- Rolling System :  4
- Gauge : 14
- Spoke Holes : 16 , 18 , 20
- O.L.D : 100mm
- Axle : M9 (A7075)
- P.C.D : Ø30

Color :



RAR9 192g

Lightweight

- Rolling System :  4
- Gauge : 14
- Spoke Holes : 20 , 24 , 7/14 , 8/16
- O.L.D : 130mm
- Axle : M10 (A7075)
- P.C.D : Ø38.5 , Ø50.6

Color :

Cassette Free Hub Body
Exchangeable




- Shimano 10 / 11 sp
Aluminum (A7075)
6 Pawls



- Campagnolo
Aluminum (A7075)
6 Pawls

ROAD BIKE HUBS

RAF12 86g

- Rolling System :  2
- Gauge : 14
- Spoke Holes : 20 , 24
- O.L.D : 100mm
- Axle : M9 (A7075)
- P.C.D : Ø31

Color :



RAR12 215g

- Rolling System :  4
- Gauge : 14
- Spoke Holes : 24 , 28 , 32 , 8/16
- O.L.D : 130mm
- Axle : M10 (A7075)
- P.C.D : Ø38.5 , Ø50.6

Color :

Cassette Free Hub Body
Exchangeable




- Shimano 10 / 11 sp
Aluminum (A7075)
6 Pawls



- Campagnolo
Aluminum (A7075)
6 Pawls

ROAD BIKE HUBS


RAF13 75g

- Rolling System :  2
- Gauge : 14
- Spoke Holes : 18 , 20 , 24
- O.L.D : 100mm
- Axle : M9 (A7075)
- P.C.D : Ø30

Color :



RAR13 215g

- Rolling System :  4
- Gauge : 14
- Spoke Holes : 24 , 28 , 7/14
- O.L.D : 130mm
- Axle : M10 (A7075)
- P.C.D : Ø38.5 , Ø50.6

Color :

Cassette Free Hub Body
Exchangeable




- Shimano 10 / 11 sp
Aluminum (A7075)
6 Pawls



- Campagnolo
Aluminum (A7075)
6 Pawls

ROAD BIKE HUBS


A713SB 78g

- Rolling System :  2
- Gauge : 14
- Spoke Holes : 20
- O.L.D : 100mm
- Axle : M9 (A7075)
- P.C.D : Ø30

Color :



RAR16 222.5g

- Rolling System :  4
- Gauge : 14
- Spoke Holes : 24
- O.L.D : 130mm
- Axle : M10 (A7075)
- P.C.D : Ø50.6

Color :

Cassette Free Hub Body
Exchangeable



- Shimano 10 / 11 sp
Aluminum (A7075)
6 Pawls



- Campagnolo
Aluminum (A7075)
6 Pawls

CYCLOCROSS BIKE HUBS

BX201F 133g
 BX201R 286g

MODEL	BX201F	BX201R
Rolling System :	⊙ 2	⊙ 4
Gauge :	14	14
Spoke Holes :	20 , 24	24 , 28
O.L.D :	100mm	135mm
Axle : (A7075)	M9	M10
P.C.D :	∅58-∅45	∅58

Color :



End Cap Option



M9(QR) x2
 9mm x2
 15mm x2
 20mm x2



BX101F 163g
 BX101R 255g

MODEL	BX101F	BX101R
Rolling System :	⊙ 2	⊙ 4
Gauge :	14	14
Spoke Holes :	20 , 24	24 , 28
O.L.D :	100mm	130mm
P.C.D :	∅45	∅58

Axle Set Option




M10(QR) x135
 10mm x135
 12mm x135
 12mm x142



Color :

FOLDING BIKE HUBS


RAF8 65g

- Rolling System :  2
- Gauge : 14
- Spoke Holes : 20 , 24
- O.L.D : 76mm , 100mm
- Axle : M9 (A7075)
- P.C.D : $\varnothing 30$

Color :




RAR8 185g

- Rolling System :  4
- Gauge : 14
- Spoke Holes : 24 , 28
- O.L.D : 120mm , 130mm
- Axle : M10 (A7075)
- P.C.D : $\varnothing 38.5 - \varnothing 50.6$

Color :



A702SB 151g

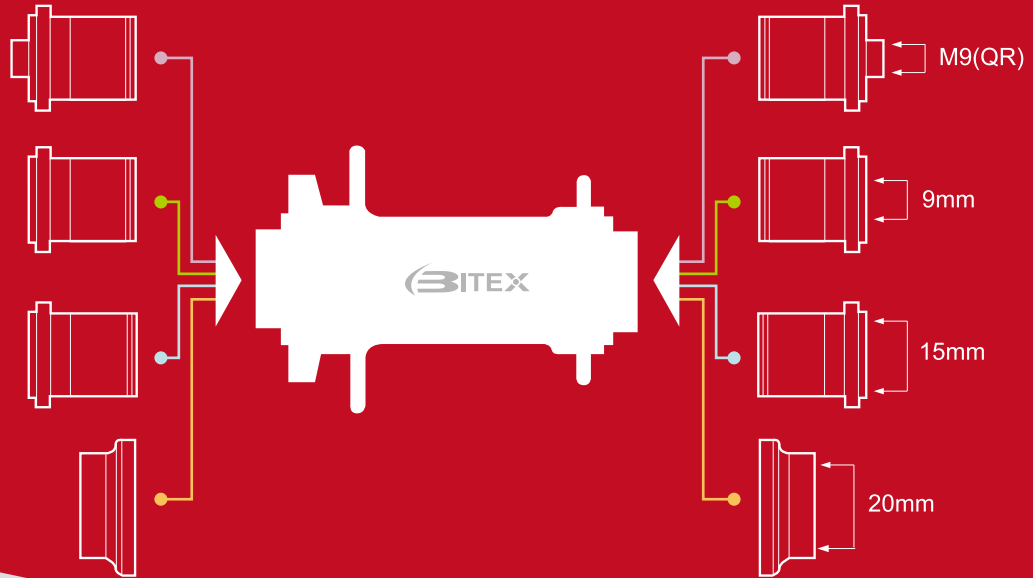
- Rolling System :  2
- Gauge : 14
- Spoke Holes : 20 , 24
- O.L.D : 76mm
- Flange C-C : 46.5mm
- Axle : M9x84mm (A7075)
- P.C.D : $\varnothing 35$

Color :



End-Caps For 4 in 1 Front Hubs

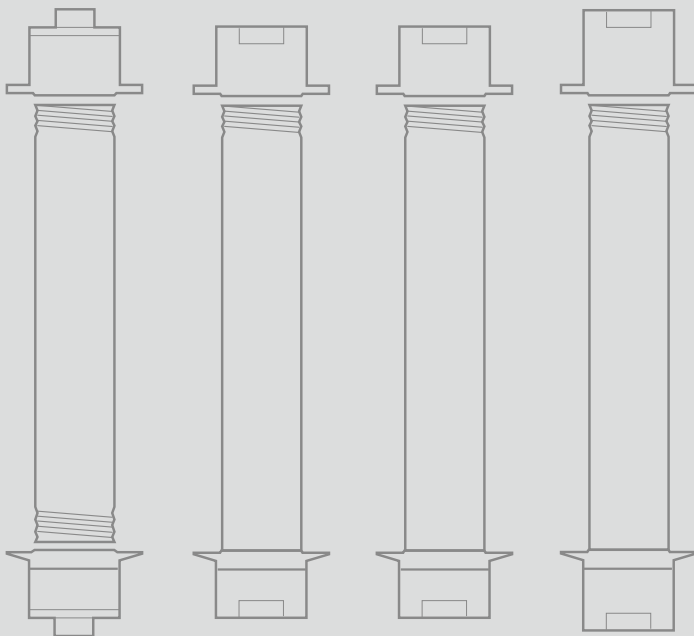
Allow a single wheelset to be used with multiple fork designs.



Replaceable Axle For 4 in 1 Rear Hubs

Allow a single wheelset to be used with multiple frame designs.


M10(QR) x135 10mm x135 12mm x135 12mm x142



MTB HUBS

BX401F 183g

Straight Pull Disc Brake

- Rolling System :  2
- Gauge : 14
- Spoke Holes : 28
- O.L.D : M9(QR) ,9mm , 15mm :100
20mm :110
- Axle : 20mm through Axle
- P.C.D : Ø58
- End Cap Option : M9(QR) x2
9mm x2
15mm x2
20mm x2




Color :



BX401R 275g



Straight Pull Disc Brake

- Rolling System :  4
- Gauge : 14
- Spoke Holes : 28
- P.C.D : Ø58
- Axle Option : M10(QR) x 135
10mm x 135
12mm x 135
12mm x 142



Color :

Cassette Free Hub Body
Exchangeable



- Shimano 10 / 11 sp
Aluminum (A7075)
6 Pawls



- SRAM XX1
Aluminum (A7075)
6 Pawls

MTB HUBS

MTF15/20 161g **4 IN 1**

Disc Brake

- Rolling System : 2
- Gauge : 14
- Spoke Holes : 28 , 32
- O.L.D : M9(QR) , 9mm , 15mm :100
20mm :110
- Axle : 20mm through Axle
- P.C.D : Ø58
- End Cap Option : M9(QR) x2
9mm x2
15mm x2
20mm x2



Color :



MTR12 267g **4 IN 1**

Disc Brake

- Rolling System : 4
- Gauge : 14
- Spoke Holes : 28 , 32
- P.C.D : Ø58
- Axle Option : M10(QR) x 135
10mm x 135
12mm x 135
12mm x 142



Color :

MTR12-150 306g

Disc Brake

- Rolling System : 4
- Gauge : 14
- Spoke Holes : 28 , 32
- P.C.D : Ø58
- Axle Option : M10(QR) x 150
12mm x 150



Color :

Cassette Free Hub Body
Exchangeable



- Shimano 10 / 11 sp
Aluminum (A7075)
6 Pawls




- SRAM XX1
Aluminum (A7075)
6 Pawls

MTB HUBS

MTF10 173.5g

Disc Brake

- Rolling System :  2
- Gauge : 14
- Spoke Holes : 24 , 28 , 32 , 36
- O.L.D : 100mm
- Axle : M10 (A7075)
- P.C.D : Ø58

Color :



MTR10 278g

- Rolling System :  4
- Gauge : 14
- Spoke Holes : 24 , 28 , 32 , 36
- O.L.D : 135mm
- Axle : M10 (A7075)
- P.C.D : Ø58

Color :

Cassette Free Hub Body
Exchangeable




- Shimano 10 / 11 sp
Aluminum (A7075)
6 Pawls



- SRAM XX1
Aluminum (A7075)
6 Pawls

A20M 251.5g

- Rolling System :  2
- Gauge : 14
- Spoke Holes : 24 , 28 , 32 , 36
- ID : 20mm
- P.C.D : Ø57

Color :



- Length:160mm
- Weight : 83.6g
(with end cap)



FAT BIKE HUBS

FB-MTF15/20

135mm - 244.5g
150mm - 256.8g



Disc Brake

- Rolling System : 2
- Gauge : 14
- Spoke Holes : 32
- O.L.D : 135 , 150mm
- P.C.D : Ø58
- End Cap Option : M9(QR) x2
9mm x2
15mm x2
20mm x2



Color :



FAT BIKE HUBS

FB-MTR12

170mm - 329g

190mm - 344g



Disc Brake

- Rolling System : 4
- Gauge : 14
- Spoke Holes : 32
- O.L.D : 170mm , 190mm
- P.C.D : $\varnothing 58$

Color :



Axle Option For 170mm
- M10(QR) x 170mm
- 12mm x 170mm



Axle Option For 190mm :
- M10(QR) x 190mm
- 12mm x 190mm

Cassette Free Hub Body
Exchangeable




- Shimano 10 / 11 sp
Aluminum (A7075)
6 Pawls



- SRAM XX1
Aluminum (A7075)
6 Pawls


TRACK BIKE HUBS

TKF10 230g

- Rolling System :  2
- Gauge : 14
- Spoke Holes : 24,28,32,36
- O.L.D : 100mm
- AXle : M9 , 3/8"
- P.C.D : Ø61.4


Color :

TKR10 290g

- Rolling System :  2
- Gauge : 14
- Spoke Holes : 24,28,32,36
- O.L.D : 120mm
- AXle : M10 , 3/8"
- P.C.D : Ø61.4




BX501F 232g

- Rolling System :  2
- Gauge : 14
- Spoke Holes : 24,28,32,36
- O.L.D : 100mm
- AXle : M9 , 3/8"
- P.C.D : Ø61.4

Color :

BX501R 273g

- Rolling System :  2
- Gauge : 14
- Spoke Holes : 24,28,32,36
- O.L.D : 120mm
- AXle : M10 , 3/8"
- P.C.D : Ø61.4



COG

Lock Ring

Type A

Type B

Type C

Type D

Type E

Type Light



SPHC-PO

No:B100701
16T / t=3.0
56g

No:B100703
17T / t=2.8
60g

No:B100705
18T / t=2.8
70g

SPHC-PO

No:B100704
17T / t=2.2
56g

No:B100706
18T / t=2.2
65g

SUS304

NO:B100708
18T t=2.2
54g

SPCC-PO

22T
t=2.3
86g

SPCC-PO

21T
t=2.3
79g

SCM430

16T
T=3.0
45g

SPCC-PO

T=5.0
18.5g

TRIKE/RECUMBENT

DH12N 210.5g

Rolling System :  2

Gauge : 14

Spoke Holes : 20 , 24 , 28 , 32

ID : 12mm , 15mm

Flange C-C : 34mm

P.C.D : Ø57

Color :

The narrow DH12N hub for trikes that it is designed by Steintrikes for 16-18-20" wheels.

Steintrikes Co.
Viktor Horvatski and Robert Stein



DH12M 214g

DH15M 214g

Rolling System :  2

Gauge : 14

Spoke Holes : 28 , 32 , 36

ID : 12mm , 15mm

Flange C-C : 58.5mm

P.C.D : Ø57

Color :



DH20M 246.5g

Rolling System :  2

Gauge : 14

Spoke Holes : 28 , 32 , 36

ID : 20mm

P.C.D : Ø57

Color :



- Length:160mm
- Weight : 83.6g (with end cap)

WHEEL CHAIR

DH12.7M 396g(QR) , 360g(Nut)

Rolling System :  2

Gauge : 14

Spoke Holes : 20 , 24 , 28 , 32

ID : 12.7mm

Flange C-C : 34

Axle : QR or Nut Type

P.C.D : Ø57.5

Color :



SKEWER



SK-MS01

Weight : 44g (F+R)
Lever Material : A7075
Axle Material : Titanium
Parts Material : A7075

Color : ■



SK-MD01

Weight : 45.5g (F+R)
Lever Material : A7075
Axle Material : Titanium
Parts Material : A7075

Color : ■



SK-MD02

Weight : 44.5g (F+R)
Lever Material : A7075
Axle Material : Titanium
Parts Material : A7075

Color : ■

SKEWER



SK-NO8

Weight : 110g (F+R)
Lever Material : A6061
Axle Material : Cr-Mo

Color : ■



SK-MF46

Weight : 125g (F+R)
Lever Material : A6061
Axle Material : Cr-Mo

Color : ■

SK-R12

Color : ■

Skewer for SRAM
Weight : 80g


Skewer for Shimano
Weight : 88g



ENTRY

A701F 195g

ROAD BIKE **FRONT**


Rolling System : 
Gauge : 14
Spoke Holes : 36
O.L.D : 100mm
Axle : 3/8" (QR Type : M9)
P.C.D : Ø35



Color :

A703R 300g

ROAD BIKE **REAR**


Rolling System : 
Gauge : 14
Spoke Holes : 36
O.L.D : 126 , 130 , 135mm
Axle : 3/8" (QR Type : M10)
P.C.D : Ø45.5



Color :

A702SQ 151g

FOLDING BIKE **FRONT**


Rolling System : 
Gauge : 14
Spoke Holes : 20 , 24
O.L.D : 76mm
Flange C-C : 46.5mm
Axle : M9x84mm
P.C.D : Ø35



Color :

A702F 155g

FOLDING BIKE **FRONT**


Rolling System : 
Gauge : 14
Spoke Holes : 20 , 24
O.L.D : 76mm
Flange C-C : 46.5mm
Axle : 3/8" x 115mm
P.C.D : Ø35



Color :

CS300R 421g

MTB **REAR**


Rolling System : 
Gauge : 14
Spoke Holes : 28 , 32 , 36
O.L.D : 135mm
Axle : 3/8" (QR Type : M10)
P.C.D : Ø45



Color :

CL100R 421.5g

MTB **REAR**

Rolling System : 
Gauge : 14
Spoke Holes : 28 , 32 , 36
O.L.D : 135mm
Axle : 3/8" (QR Type : M10)
P.C.D : Ø45




Color :

ENTRY

A781F 164.5g

MTB **FRONT**


Rolling System :  2
 Gauge : 14
 Spoke Holes : 36
 O.L.D : 100mm
 Axle : 3/8" (QR Type : M9)
 P.C.D : Ø35.5

Color :



A783R 308g

MTB **REAR**


Rolling System :  2
 Gauge : 14
 Spoke Holes : 36
 O.L.D : 126 , 130 , 135mm
 Axle : 3/8" (QR Type : M10)
 P.C.D : Ø45.5

Color :



DS200F 282.5g

MTB **FRONT**


Rolling System :  2
 Gauge : 14
 Spoke Holes : 28 , 32 , 36
 O.L.D : 100mm
 Axle : 3/8" (QR Type : M10)
 P.C.D : Ø57

Color :



DS200R 465g

MTB **REAR**


Rolling System :  2
 Gauge : 14
 Spoke Holes : 28 , 32 , 36
 O.L.D : 130 / 135mm
 Axle : 3/8" (QR Type : M10)
 P.C.D : Ø57

Color :



DL200F 282.5g

MTB **FRONT**


Rolling System :  3
 Gauge : 14
 Spoke Holes : 28 , 32 , 36
 O.L.D : 100mm
 Axle : 3/8" (QR Type : M10)
 P.C.D : Ø57

Color :



DL200R 465g

MTB **REAR**

Rolling System :  3
 Gauge : 14
 Spoke Holes : 28 , 32 , 36
 O.L.D : 135mm
 Axle : 3/8" (QR Type : M10)
 P.C.D : Ø57
 Casstte : Steel


Color :



ENTRY

DL802F 293g

MTB **FRONT**


Rolling System : 
Gauge : 14
Spoke Holes : 32 , 36 , 48
O.L.D : 100mm
Axle : 3/8" (QR Type : M10)
P.C.D : Ø60



Color : 

DL803R 363g

MTB **REAR**


Rolling System : 
Gauge : 14
Spoke Holes : 32 , 36 , 48
O.L.D : 135mm
Axle : 3/8" (QR Type : M10)
P.C.D : Ø60



Color : 

A802F 306.5g

MTB **FRONT**


Rolling System : 
Gauge : 14
Spoke Holes : 32 , 36 , 48
O.L.D : 100mm
Axle : 3/8" (QR Type : M10)
P.C.D : Ø60



Color : 

A803R 330g

MTB **REAR**


Rolling System : 
Gauge : 14
Spoke Holes : 32 , 36 , 48
O.L.D : 130 , 135mm
Axle : 3/8" (QR Type : M10)
P.C.D : Ø60



Color : 

A771F 200g

MTB **FRONT**


Rolling System : 
Gauge : 14
Spoke Holes : 36
O.L.D : 100mm
Axle : 3/8" (QR Type : M9)
P.C.D : Ø35





Color :  

A773R 308.5g

MTB **REAR**

Rolling System : 
Gauge : 14
Spoke Holes : 36
O.L.D : 126 , 130 , 135mm
Axle : 3/8" (QR Type : M10)
P.C.D : Ø45.5




Color :  

ENTRY

A771F 200g

BMX FRONT


Rolling System : 
 Gauge : 14
 Spoke Holes : 36
 O.L.D : 100mm
 Axle : 3/8" (QR Type : M9)
 P.C.D : Ø35



Color :

A772R 300g

BMX REAR


Rolling System : 
 Gauge : 14
 Spoke Holes : 36
 O.L.D : 112 , 114mm
 Axle : 3/8" (QR Type : M10)
 P.C.D : Ø45.5



Color :

A781SB 116.5g

BMX FRONT


Rolling System : 
 Gauge : 14
 Spoke Holes : 36
 O.L.D : 100mm
 Axle : M9 (Cro-Moli)
 P.C.D : Ø35.5



Color :

A783SB 227g

BMX REAR


Rolling System : 
 Gauge : 12 , 14
 Spoke Holes : 36
 O.L.D : 112 , 114mm
 Axle : M10 (Cro-Moli)
 P.C.D : Ø45.5



Color :

A802F 306.5g

BMX FRONT


Rolling System : 
 Gauge : 14
 Spoke Holes : 32 , 36 , 48
 O.L.D : 100mm
 Axle : 3/8" (QR Type : M10)
 P.C.D : Ø60



Color :

A802R 330g

BMX REAR

Rolling System : 
 Gauge : 14
 Spoke Holes : 32 , 36 , 48
 O.L.D : 112 , 114mm
 Axle : 3/8" (QR Type : M10)
 P.C.D : Ø60



Color :