



BITEX[®]

BIKES ROLL BETTER

2014
bitexhubs.com

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



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

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History

1923

1947

Founded in 1923 – 1st Generation

Name of shop : Valisum Bike Shop.

The first to offer :

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

Founded in 1947 – 2nd Generation

Company Name : Valisum Industrial Co., Ltd.

The first company to develop coaster hub.



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1978

Founded in 1978 – 3rd & 4th Generation

Company Name : Bitex Industrial Co., Ltd.

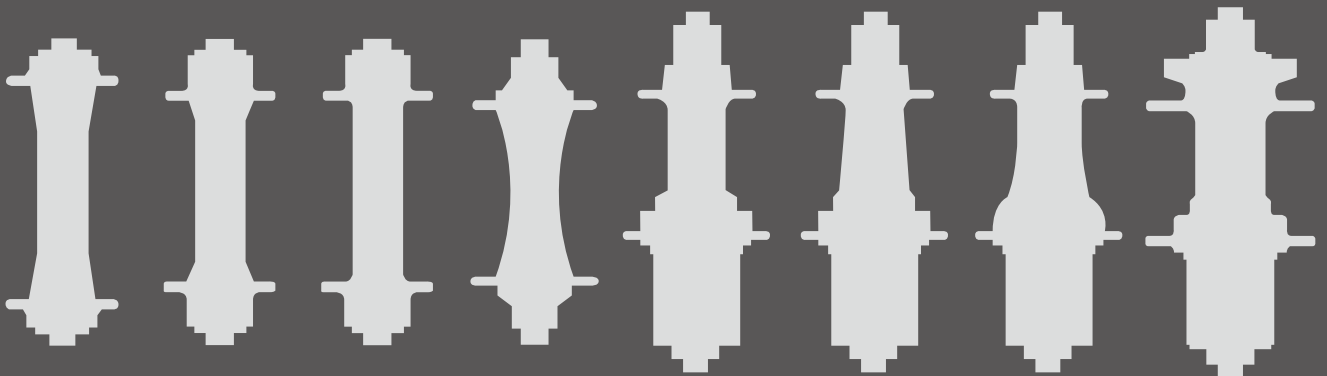
The first who invent the following hubs

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

2010

4th Generation

★ Six Pawls Patented Design.



Interested in our new products, please feel free to contact us :

bitex@bitexhubs.com

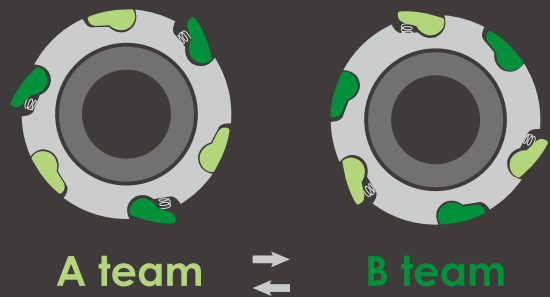
Patented 6 Pawls Design



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 - reduce the space between points of engagement by 50%.



Application

Bitex Free Hub Body

NEW DESIGN
54HD FOR MTB



- Shimano : 10 sp



- Shimano : 11 sp



- Compagnolo : 11 sp



- SRAM : XX1



Using Shimano-11Sp-Ring is compatible for Shimano 10 sp.
Just for Shimano 11 sp

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



NEW DESIGN
54HD FOR MTB

► RSPF FRONT

Straight Pull

Weight : 106.5g

Rolling System :  2




Gauge : 14

Spoke Holes :  20

O.L.D : 100mm

Axle : Ø9 (A7075)

P.C.D : Ø30.3

Color :   



► RSPR REAR

Straight Pull

Weight : 210g

Rolling System :  4




Gauge : 14

Spoke Holes :  24

O.L.D : 130mm

Axle : Ø10 (A7075)

P.C.D : Ø32 , Ø52.5

Color :   



Cassette Free Hub Body Exchangeable for



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




- Compagnolo : 11 sp
Aluminum (A7075)
6 Pawls

▶ RAF10 FRONT

Light

Weight : 66g

Rolling System :  4

Gauge : 14

Spoke Holes : 16 18 20

O.L.D : 100mm

Axle : M9 (A7075)

P.C.D : Ø30

Flat Spoke

Color :



▶ RAR9 REAR

Light

Weight : 191g

Rolling System :  4

Gauge : 14

Spoke Holes : 24 7/14 8/16

O.L.D : 130mm

Axle : Ø10 (A7075)

P.C.D : Ø38.5 , Ø50.6

Color :



Cassette Free Hub Body Exchangeable for



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



- Compagnolo : 11 sp
Aluminum (A7075)
6 Pawls

► RAF12 FRONT

Weight : 86g

Rolling System :  2




Gauge : 14

Spoke Holes :  20  24  28

O.L.D : 100mm

Axle : Ø9 (A7075)

P.C.D : Ø31

Color :   



► RAR12 REAR

Weight : 215g

Rolling System :  4




Gauge : 14

Spoke Holes :  24  28  32  8/16

O.L.D : 130mm

Axle : Ø10 (A7075)

P.C.D : Ø38.5 , Ø50.6

Color :   



Cassette Free Hub Body Exchangeable for



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



- Compagnolo : 11 sp
Aluminum (A7075)
6 Pawls

* Collocating your need





▶ RAF13 FRONT

Weight : 75g

Rolling System :  2

Gauge : 14

Spoke Holes : 18 20 24 28

O.L.D : 100mm

Axle : Ø9 (A7075)

P.C.D : Ø30

Color :



▶ RAR13 REAR

Weight : 215g

Rolling System :  4

Gauge : 14

Spoke Holes : 24 28 32 8/16

O.L.D : 130mm

Axle : Ø10 (A7075)

P.C.D : Ø38.5 , Ø50.6

Color :

Cassette Free Hub Body Exchangeable for



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



- Compagnolo : 11 sp
Aluminum (A7075)
6 Pawls

► A713SB FRONT

Weight : 78g

Rolling System :  2


Gauge : 14

Spoke Holes : 20

O.L.D : 100mm

Axle : Ø9 (A7075)

P.C.D : Ø30

Color : 



► RAR16 REAR

Weight : 222.5g

Rolling System :  4

Gauge : 14

Spoke Holes : 24

O.L.D : 130mm

Axle : Ø10 (A7075)

P.C.D : Ø50,6

Color : 



Cassette Free Hub Body Exchangeable for



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



- Compagnolo : 11 sp
Aluminum (A7075)
6 Pawls

► RAF8 FRONT

Weight : 65g

Rolling System :  2

Gauge : 14

Spoke Holes :  20  24

O.L.D : 74mm

Axle : 5mm (A7075)

P.C.D : Ø30

Color :   



► RAR8 REAR

Weight : 200g

Rolling System :  4

Gauge : 14

Spoke Holes :  24  28

O.L.D : 130mm

Axle : 5mm (A7075)

P.C.D : Ø38,5 , Ø50,6

Cassette : Aluminum

Pawls : 6

Color :   



Cassette Free Hub Body Exchangeable for



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



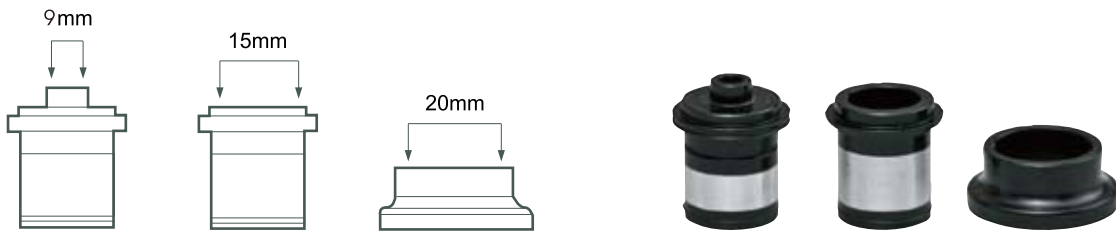
- Compagnolo : 11 sp
Aluminum (A7075)
6 Pawls



Bitex 3 in 1 hubs use replaceable end caps to allow a single wheelset to be used with multiple fork designs.

Model : BX401F , MTF15/20

Each product contains these accessories.



The Rear Hubs with replaceable Axle to allow a single wheelset to be used with multiple frame designs.

Model : BX401R , MTR12

Can buy further equipment for these products, to convert or adapt it according to your needs :

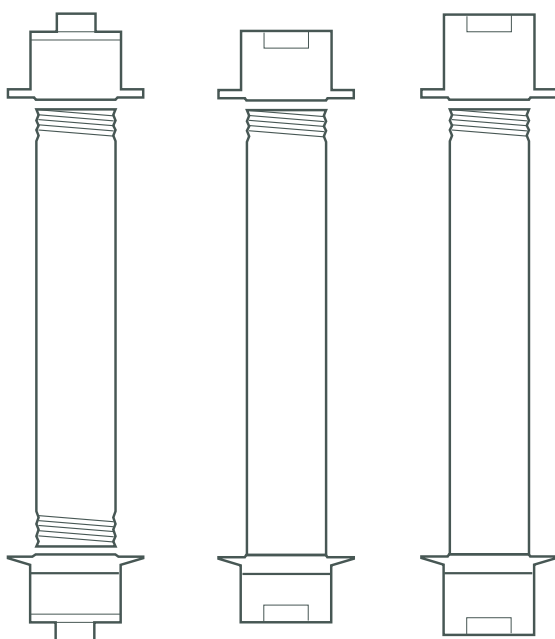
EASY TO CHANGE



10mm x 135mm

12mm x 135mm

12mm x 142mm



► BX401F FRONT



Straight Pull

Disc Brake

BX401F uses replaceable end caps to allow a single wheelset to be used with multiple fork designs.

Weight : 183g

Rolling System : 2

Gauge : 14

Hole count : 28

P.C.D : Ø58

End Cap Option : 9mm x2
15mm x2
20mm x2

Color :



► BX401R REAR



Straight Pull

Disc Brake

Replaceable Axle.

Weight : 275g

Rolling System : 4

Gauge : 14

Hole count : 28

P.C.D : Ø58

Axle Option : 10mm x 135mm
12mm x 135mm
12mm x 142mm

Color :

Cassette Free Hub Body Exchangeable for



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



- SRAM system : XX1
Aluminum (A7075)
6 Pawls



▶ MTF15/20 FRONT



Disc Brake

Weight : 161g

Rolling System : 2

Gauge : 14

Hole count : 28 32

End Cap Option : 9mm x2
15mm x2
20mm x2

Color :



▶ MTR12 REAR



Disc Brake

Weight : 267g

Rolling System : 4

Gauge : 14

Hole count : 28 32

O.L.D : 135 , 142mm

P.C.D : Ø58

Axle Option : 10mm x 135mm
12mm x 135mm
12mm x 142mm

Color :

Cassette Free Hub Body Exchangeable for



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



- SRAM system : XX1
Aluminum (A7075)
6 Pawls



► MTF10 FRONT

Weight : 173.5g

Rolling System :  2

Gauge : 14

Spoke Holes : 28 32 36

O.L.D : 100mm

Axle : Ø10 (A7075)

P.C.D : Ø58

Color :



► MTR10 REAR

Weight : 278g

Rolling System :  4

Gauge : 14

Spoke Holes : 28 32 36

O.L.D : 135mm

Axle : Ø10 (A7075)

P.C.D : Ø58

Color :



Cassette Free Hub Body Exchangeable for



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



- SRAM system : XX1
Aluminum (A7075)
6 Pawls

FB-MTF15/20 FRONT

 IN  Disc Brake

Weight : 244.5g

Rolling System :  2

Gauge : 14

Hole count :  32

O.L.D : 135mm

P.C.D : Ø58

End Cap Option : 9mm x2
 15mm x2
 20mm x2

Color : 

Option :



9mm



15mm



20mm



FB-MTR12 REAR



Disc Brake

Weight : 344g

Rolling System :  4

Gauge : 14

Hole count :  32

P.C.D : Ø58

Axle Option :

10mm x 170mm

12mm x 170mm



Color :

Cassette Free Hub Body Exchangeable for



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




- SRAM system : XX1
Aluminum (A7075)
6 Pawls



Option : 10mm x 170mm 12mm x 170mm


TKF10 FRONT

Weight : 230g
 Rolling System :  2
 Gauge : 14
 Spoke Holes : 28 32 36
 O.L.D : 100mm
 Axle : M9, 3/8"
 P.C.D : Ø61.4

Color :




TKR10 REAR

Weight : 290g
 Rolling System :  2
 Gauge : 14
 Spoke Holes : 28 32 36
 O.L.D : 120mm
 Axle : M10, 3/8"
 P.C.D : Ø61.4

Color :



TKR14 REAR

Weight : 427.5g
 Rolling System :  2
 Gauge : 14
 Spoke Holes : 32 36
 O.L.D : 120mm
 Axle : 14mm
 P.C.D : Ø61.4

Color :




Lock Ring



Alloy single speed
 16T . 17T , 18T

▶ DH12N FRONT

Weight : 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, DH15M

Weight : 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 REAR

Weight : 246.5g
 Rolling System :  2
 Gauge : 14
 Spoke Holes : 28 32 36
 ID : 20mm
 P.C.D : Ø57

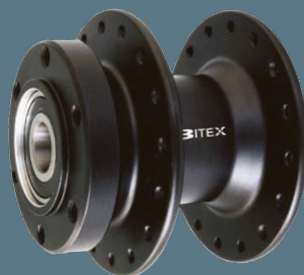
Color :



▶ DH12.7M FRONT

Weight : 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 :





► 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 : ■



► SK-MF01

Weight : 54g (F+R)
 Lever Material : A7075
 Axle Material : Titanium
 Parts Material : A7075

Color : ■



► SK-MF02

Weight : 70g (F+R)
 Lever Material : A6061
 Axle Material : Cr-Mo
 Parts Material : A6061

Color : ■



► SK-MS01

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

Color : ■



► SK-NO8

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

Color : ■

► SK-R12

Color : ■

Skewer for SRAM
 Weight : 80g

Skewer for Shimano
 Weight : 88g



► SK-MF46

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

Color : ■

► **A701F** FRONT ROAD BIKE

Color :



Weight : 195g
 Rolling System :
 Gauge : 14
 Spoke Holes : 36
 O.L.D : 100mm
 Axle : 3/8" (QR Type : M9)
 P.C.D : Ø35

► **A703R** REAR ROAD BIKE

Color :



Weight : 300g
 Rolling System :
 Gauge : 14
 Spoke Holes : 36
 O.L.D : 126 , 130 , 135mm
 Axle : 3/8" (QR Type : M10)
 P.C.D : Ø45.5

► **CS300R** REAR ROAD BIKE

Color :



Weight : 421g
 Rolling System : 2
 Gauge : 14
 Spoke Holes : 28 32 36
 O.L.D : 135mm
 Axle : 3/8" (QR Type : M10)
 P.C.D : Ø45

► **CL100R** REAR ROAD BIKE

Color :



Weight : 421.5g
 Rolling System :
 Gauge : 14
 Spoke Holes : 28 32 36
 O.L.D : 135mm
 Axle : 3/8" (QR Type : M10)
 P.C.D : Ø45

► **A702SB** FRONT FOLDING BIKE

Color :



Weight : 151g
 Rolling System : 2
 Gauge : 14
 Spoke Holes : 20 24
 O.L.D : 76mm
 Flange C-C : 46.5mm
 Axle : 5mmx74mm (A7075)
 P.C.D : Ø35

► **A702SQ** FRONT FOLDING BIKE

Color :



Weight : 151g
 Rolling System : 2
 Gauge : 14
 Spoke Holes : 20 24
 O.L.D : 76mm
 Flange C-C : 46.5mm
 Axle : 5mmx74mm
 P.C.D : Ø35

► **A702F** FRONT FOLDING BIKE

Color :



Weight : 155g
 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

► **A20M** **REAR** MTB

Color :



Weight : 251.5g
Rolling System : 2
Gauge : 14
Spoke Holes : 24 28 32 36
ID : 20mm
P.C.D : Ø57

► **A781F** **FRONT** MTB

Color :



Weight : 164.5g
Rolling System : 2
Gauge : 14
Spoke Holes : 36
O.L.D : 100mm
Axle : 3/8" (QR Type : M9)
P.C.D : Ø35.5

► **A783R** **REAR** MTB

Color :



Weight : 308g
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

► **DS200F** **FRONT** MTB

Color :



Weight : 282.5g
Rolling System : 2
Gauge : 14
Spoke Holes : 28 32 36
O.L.D : 100mm
Axle : M10 (QR Type : M10)
P.C.D : Ø57

► **DS200R** **REAR** MTB

Color :



Weight : 465g
Rolling System : 2
Gauge : 14
Spoke Holes : 28 32 36
O.L.D : 130 / 135mm
Axle : M10 (QR Type : M10)
P.C.D : Ø57

► **DL200F** **FRONT** MTB

Color :



Weight : 282.5g
Rolling System : 3
Gauge : 14
Spoke Holes : 28 32 36
O.L.D : 100mm
Axle : 3/8" (QR Type : M10)
P.C.D : Ø57

► **DL200R** **REAR** MTB

Color :



Weight : 465g
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

► **DL802F** **FRONT** MTB

Color :



Weight : 293g
 Rolling System :
 Gauge : 14
 Spoke Holes : 32 36 48
 O.L.D : 100mm
 Axle : 3/8" (QR Type : M10)
 P.C.D : Ø60

► **DL803R** **REAR** MTB

Color :



Weight : 363g
 Rolling System :
 Gauge : 14
 Spoke Holes : 32 36 48
 O.L.D : 135mm
 Axle : 3/8" (QR Type : M10)
 P.C.D : Ø60

► **A802F** **FRONT** MTB

Color :



Weight : 306.5g
 Rolling System :
 Gauge : 14
 Spoke Holes : 32 36 48
 O.L.D : 100mm
 Axle : 3/8" (QR Type : M9)
 P.C.D : Ø60

► **A803R** **REAR** MTB

Color :



Weight : 330g
 Rolling System :
 Gauge : 14
 Spoke Holes : 32 36 48
 O.L.D : 112 , 114mm
 Axle : 3/8" (QR Type : M10)
 P.C.D : Ø60

► **A771F** **FRONT** MTB

Color :



Weight : 200g
 Rolling System :
 Gauge : 14
 Spoke Holes : 36
 O.L.D : 100mm
 Axle : 3/8" (QR Type : M9)
 P.C.D : Ø35

► **A773R** **REAR** MTB

Color :



Weight : 308g
 Rolling System :
 Gauge : 14
 Spoke Holes : 36
 O.L.D : 126 , 130 , 135mm
 Axle : 3/8" (QR Type : M10)
 P.C.D : Ø45.5

► **A771F** FRONT BMX BIKE

Color :




Weight : 200g
Rolling System : 
Gauge : 14
Spoke Holes : 36
O.L.D : 100mm
Axle : 3/8" (QR Type : M9)
P.C.D : Ø35

► **A772R** REAR BMX BIKE

Color :




Weight : 300g
Rolling System : 
Gauge : 14
Spoke Holes : 36
O.L.D : 112 , 114mm
Axle : 3/8" (QR Type : M10)
P.C.D : Ø45.5

► **A781SB** FRONT BMX BIKE

Color :



Weight : 116.5g
Rolling System :  2
Gauge : 14
Spoke Holes : 36
O.L.D : 100mm
Axle : M9 (A7075)
P.C.D : Ø35.5

► **A783SB** REAR BMX BIKE

Color :




Weight : 227g
Rolling System :  2
Gauge : 12 , 14
Spoke Holes : 36
O.L.D : 112 , 114mm
Axle : M10 (Cro-Moli)
P.C.D : Ø45.5

► **A802F** FRONT BMX BIKE

Color :




Weight : 306.5g
Rolling System : 
Gauge : 14
Spoke Holes : 36 48
O.L.D : 100mm
Axle : 3/8" (QR Type : M9)
P.C.D : Ø60

► **A802R** REAR BMX BIKE

Color :



Weight : 330g
Rolling System : 
Gauge : 14
Spoke Holes : 36 48
O.L.D : 112 , 114mm
Axle : 3/8" (QR Type : M10)
P.C.D : Ø60