



BEAR PAWLS



**26/27
PREMIUM HUBS
& ACCESSORIES**





Born in metal and inspired by nature, Bear Pawls hubs reflect the power that can be harnessed through exceptional technical design. Innovative engineering, uncompromising materials and industry-leading quality combine to create hubs for nearly every bicycle wheel application that are light, durable and easily serviceable.



ROAD

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15	BRV-012
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17	BRV-013
17	BRV-008

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20	BRD-502
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22	BRD-504
23	BRD-009
23	BRD-008
24	BRD-509
24	BRD-508
25	BRD-023

120T ROAD DISC

26	BRD-032	<i>*NEW*</i>
26	BRD-532	<i>*NEW*</i>
27	BRD-034	<i>*NEW*</i>
27	BRD-534	<i>*NEW*</i>

MTB

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MT

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MB

120T MTB BOOST

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QR

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PERFORMANCE TECHNOLOGIES

6-BOLT DISC



CENTERLOCK



SEALED BEARING



LOOSE BALL



POWER STROKE TECHNOLOGY



Power Stroke Technology features the latest design to enhance strength and performance demanded by high torque applications.

KEYWAY DRIVE RING



The contact surface between the drive ring and the hub shell is keyway type, not thread type. The key way drive ring is combined with the hub shell to strengthen the system under high-torque demands.

ANTI-BITE



Patented Anti-bite system protects lightweight alloy freehub bodies from cassette-freehub contact damage.

3 PAWLS



3 pawls within the steel freehub body engage 36 teeth on the hub shell for engagement every 10 degrees.

4 PAWLS



4 pawls within the alloy freehub body disperse the power imparted on the hub to improve alloy freehub body's durability, and engage 36 teeth on the hub shell for engagement every 10 degrees.

6 PAWLS



6 pawls within the steel freehub body disperse power applied to the hub and engage 36 teeth through 1 revolution in the hub shell. This allows for pawl engagement every 10 degrees. This system also uses 3 sealed bearings in the freehub body.

6 PAWLS



6 pawls divided into 2 groups (3x2) within the alloy freehub body disperse the power imparted on the hub and engage 36 teeth the hub shell for engagement every 5 degrees with 3 pawls at once.

6 PAWLS



6 pawls divided into 2 groups (3x2) within the steel freehub body disperse the power applied on the hub and engage 36 teeth during a full revolution in the hub shell for engagement every 5 degrees with 3 pawls at once. This system uses 3 sealed bearings in the freehub body.

120T



8 pawls divided into 2 groups (4x2) within the freehub body disperse the power applied on the hub and engage 60 teeth during a full revolution in the hub shell for engagement every 3 degrees with 4 pawls at once to make a quick engagement.

IMPEL



The 24T impel system ensures all points of engagement at once to ensure solid hub actuation. Impel technology is ideal for high torque conditions.

IMPEL



The 48T impel system ensures all points of engagement at once to ensure solid hub actuation. Impel technology is ideal for high torque conditions.

TECHNOLOGY

INTERCHANGEABLE AXLE SYSTEMS

Front hubs:

Select from standard QR,
12mm Thru Axle or 15mm Thru Axle

Rear hubs:

Select from standard QR or
12mm Thru Axle



TECHNOLOGY

KEYWAY HIGH TORQUE HUB



- 🐾 A keyed drive ring system is used in the hub shell, with a threaded lock ring to hold it in place.
- 🐾 Keyway drive ring can handle high torque demands compared to a threaded drive ring.
- 🐾 The keyway design in the hub prevents thread stripping of the drive ring under high torque, ensuring durability and reliability.



TECHNOLOGY

KEYWAY HIGH TORQUE HUB



120T HUBS



The 4SB 120T quick engagement rear hub features optimized bearing positioning with a 6806-spec bearing strategically placed outside the drive system. This design supports both the hub body and drive system, creating an internal and external coaxial structure that minimizes deflection caused by driving torque. By reducing this deflection, the system enables each pawl to engage simultaneously and securely, enhancing stability and extending the overall lifespan of the drive components.

The separation of the drive system from the freehub body allows for easy adaptation to different cassette specifications by swapping a few components. Featuring a 120-tooth (120T) system with a 4x2 pawl configuration, this hub is built for quick and responsive engagement.

TECHNOLOGY



120T DRIVE SYSTEM

The 4SB 120T freehub body system includes a drive system kit that operates independently of the freehub body, allowing for versatility in design. Microspline freehub bodies use distinct bearings and axle end caps compared to XD and HG freehub bodies, enhancing compatibility across setups. The hub also features an interchangeable axle system, compatible with 5mm and 12mm options, and available in both steel and alloy materials.

		MTB	ROAD 11S	XD	XDR	MICRO SPLINE
		A	B	C	D	F
PAWLS SYSTEM	120T 4x2 PAWLS  ALLOY	AA 	AB 	AC 	AD 	AF 
	ASSEMBLY KIT					

TECHNOLOGY



DRIVEN TO WIN



Available as an optional upgrade only, Impel refers to our new 24T and 48T ratchet ring style driver compatible with select hubs. Unlike a traditional pawl system, Bear Pawls ratchet ring provides more positive engagement with the hub for improved power transfer. Additionally, ratchet ring systems have increased lifespans and improved wear characteristics making them ideal for aggressive riding as well as eBikes.

TECHNOLOGY



DESIGNED TO ENHANCE THE LATEST E-BIKES



Bear Pawls E-Bike specific feature our latest Power Stroke Technology featuring the latest design to enhance strength and performance demanded by high torque E-bike applications.

- ✔ Precision-machined high load chromoly steel axle.
- ✔ Reinforced wall thickness increases hub shell structural strength.
- ✔ Application-specific freehub bearing extends part durability.
- ✔ Synchronous engagement driven by 6-pawls and 36 teeth to more evenly distribute drive forces.

INTERCHANGEABLE DRIVE SYSTEMS

			MTB A	ROAD 11S B
PAWLS SYSTEM	3-PAWLS C+C	STEEL	0A 	0B 
CHANGE FREE HUB PAWLS SYSTEM (drive ring weight: 16g)	36T 3-PAWLS	 STEEL	1A  155g	1B  154g
	36T 4-PAWLS	 ALLOY	2A  81g	2B  80g
	36T 6-PAWLS 3-BEARING	 STEEL	3A  171g	3B  169g
	72T 3x2 PAWLS	 ALLOY	4A  82g	4B  82g
	72T 3x2 PAWLS 3-BEARING	 STEEL	8A  166g	
CHANGE FREE HUB IMPEL SYSTEM (drive ring weight: 5.5g)	IMPEL 24T	 ALLOY	5A  95g	5B  95g
	IMPEL 24T 3-BEARING	 STEEL	6A  159g	6B  156g
	IMPEL 48T	 ALLOY	7A  97g	7B  96g

All Bear Pawls 4SB/5SB rear hubs are compatible with the eight freehub bodies ranging from Shimano to SRAM, Alloy to Steel, HG or XD and 36-tooth engagement for the widest array of options and configurations available.

XD C	XDR D	MICRO SPLINE F	ANTI-BITE MTB H	ANTI-BITE ROAD 11S I
1C  132g		1F  146g		
2C  74g	2D  73g	2F  75g		
3C  144g		3F  156g		
4C  75g	4D  75g	4F  77g	4H  87g	4I  86g
8C  139g		8F  151g		
5C  88g	5D  87g	5F  101g		
6C  132g		6F  144g		
7C  89g	7D  88g	7F  102g	7H  100g	7I  100g

ROAD

ROAD

15	BRV-011
15	BRV-012
16	BRV-003
16	BRV-004
17	BRV-013
17	BRV-008



BRV-011

STRAIGHT PULL SERIES FRONT HUB

DISC MOUNT	N/A
HOLE COUNT	18/20
GAUGE	14G
O.L.D.	100mm
AXLE SPEC	5mm
AXLE LENGTH	108mm
WEIGHT	98g
BEARING	2SB

Unsurpassed lightweight design is the touchstone of the BRV-011 front hub design. Extremely minimalist design gets the job done and leaves nothing other than pure speed and efficiency.



ROAD

RV

BRV-012

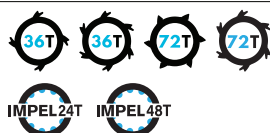
STRAIGHT PULL SERIES REAR HUB

DISC MOUNT	N/A
HOLE COUNT	24
GAUGE	14G
O.L.D.	130mm
AXLE SPEC	5mm
FREEHUB BODY	B/D/I
AXLE LENGTH	140mm
WEIGHT	300g
BEARING	4SB

Traditional rim brake design still has its advantages. The BRV-011/BRV-012 hub set leads the class in value and lightweight performance. Designed for use with straight pull spokes for perfect tension that invites sprints and quick power delivery.



OPTIONS



BRV-003

J-BEND SERIES FRONT HUB

DISC MOUNT	N/A
HOLE COUNT	20
GAUGE	14G
O.L.D.	100mm
AXLE SPEC	5mm
AXLE LENGTH	108mm
WEIGHT	76g
BEARING	2SB

BRV-003 is a stylish, minimalist front hub ideal for climbing and aero wheel sets.



BRV-004

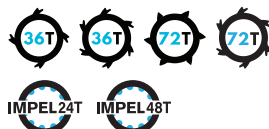
J-BEND SERIES REAR HUB

DISC MOUNT	N/A
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	130mm
AXLE SPEC	5mm
FREEHUB BODY	B/D/I
AXLE LENGTH	140mm
WEIGHT	326g
BEARING	4SB

BRV-004 combines sleek design, low weight and advanced features for the fastest rear wheels.



OPTIONS



BRV-013

J-BEND SERIES FRONT HUB

DISC MOUNT	N/A
HOLE COUNT	20
GAUGE	14G
O.L.D.	100mm
AXLE SPEC	5mm
AXLE LENGTH	108mm
WEIGHT	113g
BEARING	2SB

BRV-013 is a grate performance front hub for budget road bikes.



ROAD

RV

BRV-008

J-BEND SERIES REAR HUB

DISC MOUNT	N/A
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	130mm
AXLE SPEC	5mm
FREEHUB BODY	0B
AXLE LENGTH	140mm
WEIGHT	370g
BEARING	2SB&2BB

BRV-008 incorporates traditional J-bend spoke architecture in a fast and durable rear hub that is easy to service.



ROAD DISC

ROAD DISC

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22	BRD-504
23	BRD-009
23	BRD-008
24	BRD-509
24	BRD-508
25	BRD-023

120T ROAD DISC

26	BRD-032	*NEW*
26	BRD-532	*NEW*
27	BRD-034	*NEW*
27	BRD-534	*NEW*



BRD-001

STRAIGHT PULL SERIES FRONT HUB

DISC MOUNT 6-BOLT

HOLE COUNT 24

GAUGE 14G

O.L.D. 100mm

AXLE SPEC 5/12/15mm

WEIGHT 147g

BEARING 2SB

BRD-001 combines modern design with disc brake compatibility.



ROAD DISC RD

BRD-002

STRAIGHT PULL SERIES REAR HUB

DISC MOUNT 6-BOLT

HOLE COUNT 24

GAUGE 14G

O.L.D. 135/142mm

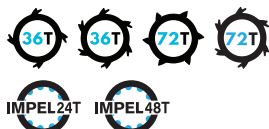
AXLE SPEC 5/12mm

FREEHUB BODY B/D/I

WEIGHT 322g

BEARING 4SB

OPTIONS



BRD-002 straight pull spoke design eliminates the stress typically imparted on J-bend spokes.



BRD-501

STRAIGHT PULL SERIES FRONT HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24
GAUGE	14G
O.L.D.	100mm
AXLE SPEC	5/12/15mm
WEIGHT	147g
BEARING	2SB

BRD-501 centerlock compatible.



BRD-502

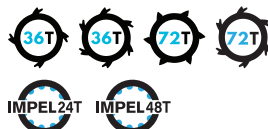
STRAIGHT PULL SERIES REAR HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24
GAUGE	14G
O.L.D.	135/142mm
AXLE SPEC	5/12mm
FREEHUB BODY	B/D/I
WEIGHT	317g
BEARING	4SB

BRD-502 centerlock compatible.



OPTIONS



BRD-003

J-BEND SERIES FRONT HUB

DISC MOUNT	6-BOLT
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	100mm
AXLE SPEC	5/12/15mm
WEIGHT	171g
BEARING	2SB

BRD-003 combines traditional design with modern disc brake compatibility.



ROAD DISC RD

BRD-004

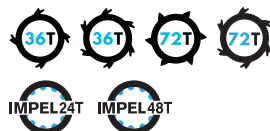
J-BEND SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	135/142mm
AXLE SPEC	5/12mm
FREEHUB BODY	B/D/I
WEIGHT	348g
BEARING	4SB

BRD-004 larger flange design makes a stronger wheel by increasing the included spoke angle.



OPTIONS



BRD-503

J-BEND SERIES FRONT HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	100mm
AXLE SPEC	5/12/15mm
WEIGHT	149g
BEARING	2SB

BRD-503 centerlock compatible.



BRD-504

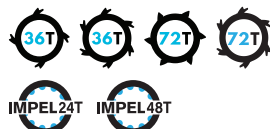
J-BEND SERIES REAR HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	135/142mm
AXLE SPEC	5/12mm
FREEHUB BODY	B/D/I
WEIGHT	341g
BEARING	4SB

BRD-504 centerlock compatible.



OPTIONS



BRD-009

J-BEND SERIES FRONT HUB

DISC MOUNT	6-BOLT
HOLE COUNT	24/28/32/36
GAUGE	14G
O.L.D.	100mm
AXLE SPEC	12mm
WEIGHT	242g
BEARING	BALL BEARING

BRD-009 large-flange front hubs are best suited for road disc or gravel front wheels using wider rims and requiring increased lateral stiffness.



ROAD DISC RD

BRD-008

J-BEND SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	24/28/32/36
GAUGE	14G
O.L.D.	135/142mm
AXLE SPEC	5/12mm
FREEHUB BODY	0B
WEIGHT	400g
BEARING	2SB&2BB

BRD-008 large-flange rear hubs are best suited for road disc or gravel rear wheels using wider rims requiring increased lateral stiffness.



BRD-509

J-BEND SERIES FRONT HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	100mm
AXLE SPEC	12mm
WEIGHT	210g
BEARING	BALL BEARING

BRD-509 centerlock compatible.



BRD-508

J-BEND SERIES REAR HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	135/142mm
AXLE SPEC	5/12mm
FREEHUB BODY	OB
WEIGHT	364g
BEARING	2SB&2BB

BRD-508 centerlock compatible.



BRD-023

J-BEND SERIES FRONT HUB

DISC MOUNT	6-BOLT
HOLE COUNT	24/28/32/36
GAUGE	14G
O.L.D.	100mm
AXLE SPEC	5/12/15mm
WEIGHT	195g
BEARING	2SB

BRD-023 large-flange front hubs are 6-bolt disc compatible and are adaptable from 5mm QR or 12mm/15mm thru-axle.



ROAD DISC RD



BRD-032 *NEW*

STRAIGHT PULL SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	24
GAUGE	14G
O.L.D.	135/142mm
AXLE SPEC	5/12mm
FREEHUB BODY	A-B/D
WEIGHT	311g
BEARING	4SB

BRD-032 is a straight pull rear hub. Using our 120T drive system and a 6 bolt disk rotor mount.



BRD-532 *NEW*

STRAIGHT PULL SERIES REAR HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24
GAUGE	14G
O.L.D.	135/142mm
AXLE SPEC	5/12mm
FREEHUB BODY	A-B/D
WEIGHT	305g
BEARING	4SB

BRD-532 centerlock compatible.



BRD-034 *NEW*

J-BEND SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	135/142mm
AXLE SPEC	5/12mm
FREEHUB BODY	A-B/D
WEIGHT	338g
BEARING	4SB

BRD-034 used a large flange design paired with the quick engaging 120T drive system.



120T ROAD DISC RD

BRD-534 *NEW*

J-BEND SERIES REAR HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	135/142mm
AXLE SPEC	5/12mm
FREEHUB BODY	A-B/D
WEIGHT	329g
BEARING	4SB

BRD-534 centerlock compatible.



MTB

MTB

29	BMT-003
29	BMT-004
30	BMT-503
30	BMT-504
31	BMT-009
31	BMT-008
32	BMT-509
32	BMT-508
33	BMT-013



BMT-003

J-BEND SERIES FRONT HUB

DISC MOUNT	6-BOLT
HOLE COUNT	24/28/32/36
GAUGE	14G
O.L.D.	100mm
AXLE SPEC	5/12/15mm
WEIGHT	171g
BEARING	2SB

BMT-003 matches perfectly with wheels paired with the latest integrated groupsets.



MTB

MT

BMT-004

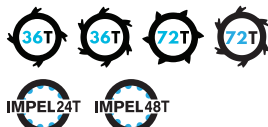
J-BEND SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	24/28/32/36
GAUGE	14G
O.L.D.	135/142mm
AXLE SPEC	5/12mm
FREEHUB BODY	A/C/F/H
WEIGHT	355g
BEARING	4SB

BMT-004 is a robust choice for XC, Trail and Enduro applications.



OPTIONS



BMT-503

J-BEND SERIES FRONT HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	100mm
AXLE SPEC	5/12/15mm
WEIGHT	147g
BEARING	2SB

BMT-503 centerlock compatible.



BMT-504

J-BEND SERIES REAR HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	135/142mm
AXLE SPEC	5/12mm
FREEHUB BODY	A/C/F/H
WEIGHT	349g
BEARING	4SB

BMT-504 centerlock compatible.



OPTIONS



BMT-009

J-BEND SERIES FRONT HUB

DISC MOUNT	6-BOLT
HOLE COUNT	28/32/36
GAUGE	14G
O.L.D.	100mm
AXLE SPEC	15mm
WEIGHT	237g
BEARING	BALL BEARING

BMT-009 large-flange front hubs are best suited for front wheels using wider rims and requiring increased lateral stiffness.



MTB

MT

BMT-008

J-BEND SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	28/32/36
GAUGE	14G
O.L.D.	135/142mm
AXLE SPEC	5/12mm
FREEHUB BODY	0A
WEIGHT	410g
BEARING	2SB&2BB

BMT-008 large-flange rear hubs are best suited rear wheels using wider rims requiring increased lateral stiffness.



BMT-509

J-BEND SERIES FRONT HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	100mm
AXLE SPEC	15mm
WEIGHT	202g
BEARING	BALL BEARING

BMT-509 centerlock compatible.



BMT-508

J-BEND SERIES REAR HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	135/142mm
AXLE SPEC	5/12mm
FREEHUB BODY	0A
WEIGHT	371g
BEARING	2SB&2BB

BMT-508 centerlock compatible.



BMT-013

J-BEND SERIES FRONT HUB

DISC MOUNT	6-BOLT
HOLE COUNT	24/28/32/36
GAUGE	14G
O.L.D.	100mm
AXLE SPEC	5/15mm
WEIGHT	183g
BEARING	2SB

BMT-013 large-flange front hubs are 6-bolt disc compatible and are adaptable from 5mm QR or 15mm thru-axle.



MTB

MT



MTB BOOST

MTB BOOST

35	BMB-001
35	BMB-002
36	BMB-011 <i>*NEW*</i>
36	BMB-012 <i>*NEW*</i>
37	BMB-501
37	BMB-502
38	BMB-511 <i>*NEW*</i>
38	BMB-512 <i>*NEW*</i>
39	BMB-003
39	BMB-004
40	BMB-503
40	BMB-504
41	BMB-024 <i>*NEW*</i>
41	BMB-524 <i>*NEW*</i>
42	BMB-009
42	BMB-008
43	BMB-509
43	BMB-508
44	BMB-013
44	BMB-513
45	BMB-007
45	BMB-507 <i>*NEW*</i>

120T MTB BOOST

46	BMB-032 <i>*NEW*</i>
46	BMB-532 <i>*NEW*</i>
47	BMB-034 <i>*NEW*</i>
47	BMB-534 <i>*NEW*</i>

BMB-001

STRAIGHT PULL SERIES FRONT HUB

DISC MOUNT	6-BOLT
HOLE COUNT	28
GAUGE	14G
O.L.D.	110mm
AXLE SPEC	5/12/15mm
WEIGHT	146g
BEARING	2SB

BMB-001 front hubs utilize a modern, high tech geometry optimized for straight-pull spokes.



MTB BOOST

BMB-002

STRAIGHT PULL SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	28
GAUGE	14G
O.L.D.	141/148mm
AXLE SPEC	5/12mm
FREEHUB BODY	A/C/F/H
WEIGHT	331g
BEARING	4SB

BMB-002 rear hubs utilize a modern, high tech geometry optimized for straight-pull spokes.



OPTIONS



BMB-011 ^{*NEW*}

STRAIGHT PULL SERIES FRONT HUB

DISC MOUNT 6-BOLT

HOLE COUNT 32

GAUGE 14G

O.L.D. 110mm

AXLE SPEC 5/12/15mm

WEIGHT 155g

BEARING 2SB



BMB-012 ^{*NEW*}

STRAIGHT PULL SERIES REAR HUB

DISC MOUNT 6-BOLT

HOLE COUNT 32

GAUGE 14G

O.L.D. 141/148mm

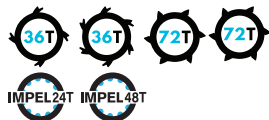
AXLE SPEC 5/12mm

FREEHUB BODY A/C/F/H

WEIGHT 343g

BEARING 4SB

OPTIONS



BMB-501

STRAIGHT PULL SERIES FRONT HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	28
GAUGE	14G
O.L.D.	110mm
AXLE SPEC	5/12/15mm
WEIGHT	142g
BEARING	2SB

BMB-501 centerlock compatible.



MTB BOOST MB

BMB-502

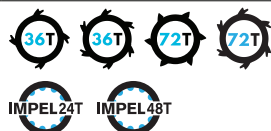
STRAIGHT PULL SERIES REAR HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	28
GAUGE	14G
O.L.D.	141/148mm
AXLE SPEC	5/12mm
FREEHUB BODY	A/C/F/H
WEIGHT	331g
BEARING	4SB

BMB-502 centerlock compatible.



OPTIONS



BMB-511 ^{*NEW*}

STRAIGHT PULL SERIES FRONT HUB

DISC MOUNT CENTER LOCK

HOLE COUNT 32

GAUGE 14G

O.L.D. 110mm

AXLE SPEC 5/12/15mm

WEIGHT 155g

BEARING 2SB



BMB-512 ^{*NEW*}

STRAIGHT PULL SERIES REAR HUB

DISC MOUNT CENTER LOCK

HOLE COUNT 32

GAUGE 14G

O.L.D. 141/148mm

AXLE SPEC 5/12mm

FREEHUB BODY A/C/F/H

WEIGHT 333g

BEARING 4SB

OPTIONS



BMB-003

J-BEND SERIES FRONT HUB

DISC MOUNT	6-BOLT
HOLE COUNT	24/28/32/36
GAUGE	14G
O.L.D.	110mm
AXLE SPEC	5/12/15mm
WEIGHT	178g
BEARING	2SB

BMB-003 boost spacing is ideal for Enduro, Plus and Trail applications.



MTB BOOST MB

BMB-004

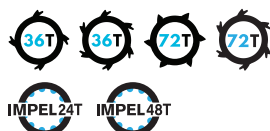
J-BEND SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	24/28/32/36
GAUGE	14G
O.L.D.	141/148mm
AXLE SPEC	5/12mm
FREEHUB BODY	A/C/F/H
WEIGHT	359g
BEARING	4SB

BMB-004 Boost rear spacing and standard XD driver is the perfect Enduro and All Mountain rear hub.



OPTIONS



BMB-503

BMB-503 centerlock compatible.



J-BEND SERIES FRONT HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	110mm
AXLE SPEC	5/12/15mm
WEIGHT	154g
BEARING	2SB



BMB-504

BMB-504 centerlock compatible.



J-BEND SERIES REAR HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	141/148mm
AXLE SPEC	5/12mm
FREEHUB BODY	A/C/F/H
WEIGHT	354g
BEARING	4SB
OPTIONS	     



BMB-024 ^{*NEW*}

J-BEND SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	24/28/32/36
GAUGE	14G
O.L.D.	141/148mm
AXLE SPEC	5/12mm
FREEHUB BODY	A/C/F/H
WEIGHT	357g
BEARING	4SB
OPTIONS	   



BMB-024 is a keyway drive ring hub shell design with larger range cassettes in mind. Larger-range cassettes apply increased loads on the drive system, so having inserted drive rings in this hub strengthens the hub shell structure overall.



MTB BOOST MB

BMB-524 ^{*NEW*}

J-BEND SERIES REAR HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24/28/32/36
GAUGE	14G
O.L.D.	141/148mm
AXLE SPEC	5/12mm
FREEHUB BODY	A/C/F/H
WEIGHT	350g
BEARING	4SB
OPTION	   



BMB-524 centerlock compatible.



BMB-009

J-BEND SERIES FRONT HUB

DISC MOUNT	6-BOLT
HOLE COUNT	28/32/36
GAUGE	14G
O.L.D.	110mm
AXLE SPEC	15mm
WEIGHT	250g
BEARING	BALL BEARING

The BMB-009 is the ideal front hub for rugged trail and enduro use.



BMB-008

J-BEND SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	28/32/36
GAUGE	14G
O.L.D.	141/148mm
AXLE SPEC	5/12mm
FREEHUB BODY	0A
WEIGHT	416g
BEARING	2SB&2BB

Robust and traditional in design, the BMB-008 is a workhorse rear hub capable of daily abuse.



BMB-509

J-BEND SERIES FRONT HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	110mm
AXLE SPEC	15mm
WEIGHT	215g
BEARING	BALL BEARING

BMB-509 centerlock compatible.



MTB BOOST MB

BMB-508

J-BEND SERIES REAR HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	141/148mm
AXLE SPEC	5/12mm
FREEHUB BODY	0A
WEIGHT	379g
BEARING	2SB&2BB

BMB-508 centerlock compatible.



BMB-013

J-BEND SERIES FRONT HUB

DISC MOUNT	6-BOLT
HOLE COUNT	24/28/32/36
GAUGE	14G
O.L.D.	110mm
AXLE SPEC	5/12/15mm
WEIGHT	190g
BEARING	2SB

BMB-013 boost front hubs are a robust, workhorse level hub for Enduro, Trail and XC applications.



BMB-513

J-BEND SERIES FRONT HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	110mm
AXLE SPEC	5/12/15mm
WEIGHT	169g
BEARING	2SB

BMB-513 centerlock compatible.



BMB-007

J-BEND SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	28/32/36
GAUGE	14G
O.L.D.	141/148mm
AXLE SPEC	5/12mm
FREEHUB BODY	9-A/C/F
WEIGHT	464g (9A)
BEARING	3SB

This boost spacing rear hub is focused on performance, leaving nothing to waste. A contoured hub shell houses 3 sealed cartridge bearings without leaving any superfluous material. The result is a long lasting, lightweight rear hub that can take the offroad abuse.



MTB BOOST MB

BMB-507 ^{*NEW*}

J-BEND SERIES REAR HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	28/32/36
GAUGE	14G
O.L.D.	141/148mm
AXLE SPEC	5/12mm
FREEHUB BODY	9-A/C/F
WEIGHT	450g (9A)
BEARING	3SB

BMB-507 centerlock compatible.



BMB-032 ^{*NEW*}

STRAIGHT PULL SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	28
GAUGE	14G
O.L.D.	148mm
AXLE SPEC	12mm
FREEHUB BODY	A-A/C/F
WEIGHT	319g
BEARING	4SB

BMB-032 is our straight pull rear hub using our 120T drive system with a boost spec and a 6 bolt disk rotor mount.



BMB-532 ^{*NEW*}

STRAIGHT PULL SERIES REAR HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	28
GAUGE	14G
O.L.D.	148mm
AXLE SPEC	12mm
FREEHUB BODY	A-A/C/F
WEIGHT	312g
BEARING	4SB

BMB-532 centerlock compatible.



BMB-034 ^{*NEW*}

J-BEND SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	148mm
AXLE SPEC	12mm
FREEHUB BODY	A-A/C/F
WEIGHT	345g
BEARING	4SB

BMB-034 is the J-bend answer to a boost rear hub with the 120T drive system.



MTB BOOST MB

BMB-534 ^{*NEW*}

J-BEND SERIES REAR HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	24/28/32
GAUGE	14G
O.L.D.	148mm
AXLE SPEC	12mm
FREEHUB BODY	A-A/C/F
WEIGHT	336g
BEARING	4SB

BMB-534 centerlock compatible.





SINGLE SPEED

SINGLE SPEED

49 BSS-004

49 BSS-014 *NEW**

BSS-004

J-BEND SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	28/32/36
GAUGE	14G
O.L.D.	141/148mm
AXLE SPEC	5/12mm
FREEHUB BODY	S
WEIGHT	384g
BEARING	4SB

Our latest dedicated single speed rear hubs have been designed from the ground up as a dedicated performer compared to some other manufacturer's version that were derived from standard geared hubs. Designed for the high torque of single speed riding, the non-drive side hub flange is weight relieved while the drive side remains solid for strength.



**BEAR
PAWLS**

SINGLE SPEED

BSS-014 ^{*NEW*}

J-BEND SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	28/32/36
GAUGE	14G
O.L.D.	135mm
AXLE SPEC	M10
FREEHUB BODY	S
WEIGHT	344g
BEARING	4SB



A brown bear is walking down a dirt path in a forest. The bear is facing the camera and is surrounded by green foliage and trees. The path is made of dirt and rocks.

DOWN- HILL

DOWNHILL

51 BDH-003
51 BDH-004

BDH-003

J-BEND SERIES FRONT HUB

DISC MOUNT	6-BOLT
HOLE COUNT	28/32/36
GAUGE	14G
O.L.D.	110mm
AXLE SPEC	20mm
WEIGHT	234g
BEARING	2SB

A dedicated downhill front hub, the BDH-003 boasts and reinforced disc rotor mount and 20mm oversize thru-axle bore for maximum speed control.



DOWNHILL DH

BDH-004

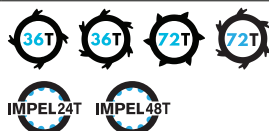
J-BEND SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	28/32/36
GAUGE	14G
O.L.D.	150/157mm
AXLE SPEC	12mm
FREEHUB BODY	3-A/C/F
WEIGHT	398g (3A)
BEARING	5SB

The BDH-004 utilizes an oversized hub shell with reinforced disc rotor mount and steel clad FREEHUB BODY body for maximum torque management.



OPTIONS



DOWN- HILL BOOST

DOWNHILL BOOST
53 BDH-013

BDH-013

J-BEND SERIES FRONT HUB

DISC MOUNT	6-BOLT
HOLE COUNT	28/32/36
GAUGE	14G
O.L.D.	110mm
AXLE SPEC	20mm
WEIGHT	238g
BEARING	2SB

Our latest DH-specific front hub uses high flanges for a wide bracing angle resulting in stronger wheels that are less prone to deflection. A 20mm thru axle design and boost spacing are compatible with all modern DH forks.



BEAR
PAWLS

DOWNHILL BOOST



A large brown bear is shown from the side, standing in a snowy forest. Its thick fur is heavily coated with snow, particularly on its back and head. The background consists of snow-laden evergreen trees. The word "FATBIKE" is overlaid in large, white, sans-serif capital letters across the middle of the image.

FATBIKE

FATBIKE

56	BFB-003
56	BFB-004
57	BFB-013
57	BFB-014



BIKE

BFB-003

J-BEND SERIES FRONT HUB

DISC MOUNT	6-BOLT
HOLE COUNT	32/36
GAUGE	14G
O.L.D.	150mm
AXLE SPEC	15mm
WEIGHT	242g
BEARING	2SB

The BFB-003's extra wide spacing is optimal for Fat Bike applications requiring a wide stance in an efficient system.



BFB-004

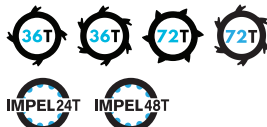
J-BEND SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	32/36
GAUGE	14G
O.L.D.	190/197mm
AXLE SPEC	12mm
FREEHUB BODY	3-A/C/F
WEIGHT	435g (3A)
BEARING	5SB

The BFB-004's extra wide spacing is optimal for Fat Bike applications requiring a wide stance in an efficient system.



OPTIONS



BFB-013

J-BEND SERIES FRONT HUB

DISC MOUNT 6-BOLT

HOLE COUNT 32/36

GAUGE 14G

O.L.D. 135mm

AXLE SPEC 5/15mm

WEIGHT 227g

BEARING 2SB

The BFB-013 is an intermediate width front hub for fat bikes using a 135mm O.L.D.



FATBIKE

FB

BFB-014

J-BEND SERIES REAR HUB

DISC MOUNT 6-BOLT

HOLE COUNT 32/36

GAUGE 14G

O.L.D. 170/177mm

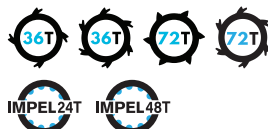
AXLE SPEC 5/12mm

FREEHUB BODY 3-A/C/F

WEIGHT 417g (3A)

BEARING 5SB

OPTIONS



The BFB-014 is an intermediate width rear hub for fat bikes using 170/177mm O.L.D.



E-BIKE

E-BIKE

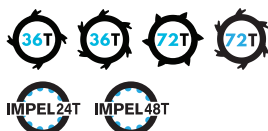
58	BEB-004
59	BEB-014 <i>*NEW*</i>
59	BEB-504 <i>*NEW*</i>

BEB-004

J-BEND SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	28/32/36
GAUGE	14G
O.L.D.	148mm
AXLE SPEC	12mm
FREEHUB BODY	3-A/C/F
WEIGHT	423g(3A)
BEARING	5SB

OPTIONS



The BEB-004 robust construction is able to handle the added torque of E-Bike drivetrain systems.



BEB-014 ^{*NEW*}

J-BEND SERIES REAR HUB

DISC MOUNT	6-BOLT
HOLE COUNT	28/32/36
GAUGE	14G
O.L.D.	148mm
AXLE SPEC	12mm
FREEHUB BODY	3-A/C/F
WEIGHT	427g (3A)
BEARING	5SB
OPTION	     

BEB-014 is an inserted-keyway drive ring design with oversized bearings to increase load capabilities and overall hub life.



E-BIKE EB

BEB-504 ^{*NEW*}

J-BEND SERIES REAR HUB

DISC MOUNT	CENTER LOCK
HOLE COUNT	28/32/36
GAUGE	14G
O.L.D.	148mm
AXLE SPEC	12mm
FREEHUB BODY	3-A/C/F
WEIGHT	416g(3A)
BEARING	5SB
OPTION	     

BEB-504 centerlock compatible.



BQR-003

LEVER MATERIAL	ALLOY
AXLE MATERIAL	CR-MO (PHOSPHATE)
WEIGHT	F 109 : 54g / R 144 : 58g
AXLE DIAMETER	5mm



BQR-004

LEVER MATERIAL	ALLOY
AXLE MATERIAL	CR-MO (CP)
WEIGHT	F 109 : 40g / R 144 : 45g
AXLE DIAMETER	5mm



BQR-005

LEVER MATERIAL	ALLOY
AXLE MATERIAL	CR-MO (PHOSPHATE)
WEIGHT	F 109 : 56g / R 144 : 63g
AXLE DIAMETER	5mm



QUICK RELEASE QR

BTA-001

LEVER MATERIAL	ALLOY
AXLE MATERIAL	ALLOY
WEIGHT	
AXLE DIAMETER	12/15mm

