



Bicycle Hub

Road Racing/Gravel
MTB/Track/City Bike

Go above and Beyond
Never stop challenging

D.MAG

To provide integrated solution for aluminium and magnesium alloy production. D.MAG always focus on the **New Process, New Technology, New Material** and New Production research and developing.



MFG Center 1 (PX plant)

Area: 120 acres

Plant Area: 80,000 m²

Products: Forged Part/Automotive wheel

Motorcycle wheel

CNC component

Bicycle Hub&Wheel



MFG Center 2 (NH plant)

Area: 400 acres

Plant Area: 260,000 m²

Products: Extrusion Profile

Motorcycle Rim

Bicycle Rim



MFG Center 3 (Hai'an plant)

Area: 150 acres

Plant Area: 100,000 m²

Products: Forged Wheel

Forged + Spinning Wheel

Precision Forged Parts

About us

Go above and Beyond
Never stop challenging

Company Philosophy

格物致知 — “欲诚其意者，先致其知，致知在格物。物格而后知至，知至而后意诚。”
止于至善 — “大学之道，在明明德，在亲民，在止于至善。”

源于《礼记·大学》

格物致知
止于至善
科技创新
追求超越

与同仁共勉之
涂秀冰

What we supply

Our engineering team provides the best solutions for our customers, from ultra-low rotational resistance Road Racing Hub to super high drive torque E-Bikes Hub. DMAG equipped the most complete production chains in the world, from alloy research and development, melting and casting, machining, to surface treatment and assembly, all done in-house at DMAG factory. All products are validated through engineering simulations and key processes are strictly controlled to ensure that every DMAG hub is safe and meets or exceeds customer requirements.

Our Team



Engineering



Research & Development



Production

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MTB

M21-F



Production Parameter

Weight	225g
Bearing	Loose ball
No. of Hole	24/28/32/36
Spoke Hole	14G
Axle System	QR-100mm
Axle Material	S45C
P.C.D	58/58mm
Flange Width	58mm

M21-R



Production Parameter

Weight	436g
Bearing	Loose ball
No. of Hole	24/28/32/36
Spoke Hole	14G
Axle System	QR-135mm
Axle Material	S45C
P.C.D	58/58mm
Flange Width	58mm
Cassette	Shm10SP
Ratchet System	3-Pawls

MTB

M700-F



Production Parameter

Weight	251g
Bearing	2SB
No. of Hole	24/28/32/36
Spoke Hole	14G
Axle System	QR-100mm
Axle Material	CrMo
P.C.D	58/49mm
Flange Width	60mm

M10-F



Production Parameter

Weight	225g
Bearing	2SB
No. of Hole	24/28/32/36
Spoke Hole	14G
Axle System	TA15-110mm
Axle Material	6061-T6
P.C.D	58/58mm
Flange Width	64mm

M700-R



Production Parameter

Weight	456g
Bearing	2SB
No. of Hole	24/28/32/36
Spoke Hole	14G
Axle System	QR-135mm
Axle Material	CrMo
P.C.D	58/49mm
Flange Width	57mm
Cassette	Shm10SP
Ratchet System	3-Pawls

M10-R



Production Parameter

Weight	379g
Bearing	2SB
No. of Hole	24/28/32/36
Spoke Hole	14G
Axle System	TA12-148mm
Axle Material	CrMo
P.C.D	58/58mm
Flange Width	60mm
Cassette	Shm11SP
Ratchet System	3-Pawls

MTB

D943CL-F



Production Parameter

Weight	225g
Bearing	2SB
No. of Hole	24/28/32/36
Spoke Hole	14G
Axle System	TA15-100mm
Axle Material	6061-T6
P.C.D	58/58mm
Flange Width	65mm

D948-F



Production Parameter

Weight	139g
Bearing	2SB
No. of Hole	28
Spoke Hole	14G
Axle System	TA15-110mm
Axle Material	6061-T6
P.C.D	44/44mm
Flange Width	74mm

D943CL-R



Production Parameter

Weight	379g
Bearing	4SB
No. of Hole	24/28/32/36
Spoke Hole	14G
Axle System	TA12-142mm
Axle Material	7075-T6
P.C.D	58/58mm
Flange Width	60mm
Cassette	Shm11SP
Ratchet System	3-Pawls

D948-R



Production Parameter

Weight	277g
Bearing	4SB
No. of Hole	28
Spoke Hole	14G
Axle System	TA12-148mm
Axle Material	7075-T6
P.C.D	45/55mm
Flange Width	66mm
Cassette	Shm11SP/XDR12SP/MS
Ratchet System	4-Pawls



FAT

D919-R



Production Parameter

Weight	455g
Bearing	4SB
No. of Hole	24/28/32
Spoke Hole	13G/14G
Axle System	TA12-197mm
Axle Material	7075-T6
P.C.D	58/58mm
Flange Width	103mm
Cassette	Shm11SP/XDR12SP/MS
Ratchet System	4-Pawls

FAT

XF01-F



Production Parameter

Weight	196g
Bearing	2SB
No. of Hole	24/28/32
Spoke Hole	13G/14G
Axle System	TA15-135mm
Axle Material	6061-T6
P.C.D	58/58mm
Flange Width	93mm

XF02-F



Production Parameter

Weight	222g
Bearing	2SB
No. of Hole	24/28/32
Spoke Hole	13G/14G
Axle System	TA15-150mm
Axle Material	7075-T6
P.C.D	58/58mm
Flange Width	108mm



Ebike

RD02-F



Production Parameter

Weight	196g
Bearing	Loose ball
No. of Hole	24/28/32
Spoke Hole	13G/14G
Axle System	TA15-110mm
Axle Material	CrMo
P.C.D	58/45mm
Flange Width	67mm

ED260-R



Production Parameter

Weight	523g
Bearing	5SB
No. of Hole	24/28/32/36
Spoke Hole	13G/14G
Axle System	TA12-148mm
Axle Material	CrMo
P.C.D	59/59mm
Flange Width	61mm
Cassette	Shm11SP/MS
Ratchet System	3-Pawls

ED26C-R



Production Parameter

Weight	501g
Bearing	5SB
No. of Hole	24/28
Spoke Hole	14G
Axle System	TA12-148mm
Axle Material	CrMo
P.C.D	59/59mm
Flange Width	61mm
Cassette	Shm11SP/MS
Ratchet System	3-Pawls

Ebike

RD04CL-F



Production Parameter

Weight	222g
Bearing	Loose ball
No. of Hole	24/28/32
Spoke Hole	13G/14G
Axle System	TA15-110mm
Axle Material	CrMo
P.C.D	58/45mm
Flange Width	67mm

RD05CL-F



Production Parameter

Weight	196g
Bearing	Loose ball
No. of Hole	24/28/32
Spoke Hole	13G/14G
Axle System	TA15-100mm
Axle Material	CrMo
P.C.D	58/45mm
Flange Width	58mm

ED26A-R



Production Parameter

Weight	500g
Bearing	5SB
No. of Hole	24/28/32
Spoke Hole	13G/14G
Axle System	TA12-142mm
Axle Material	CrMo
P.C.D	59/59mm
Flange Width	55mm
Cassette	Shm11SP/MS
Ratchet System	3-Pawls

Road-RB



Road-RB

R51-F



Production Parameter

Weight	145g
Bearing	Loose ball
No. of Hole	24/28/32
Spoke Hole	14G
Axle System	QR-100mm
Axle Material	S45C
P.C.D	38/38mm
Flange Width	72mm

R736-F



Production Parameter

Weight	176g
Bearing	2SB
No. of Hole	24/28/32
Spoke Hole	14G
Axle System	QR-100mm
Axle Material	CrMo
P.C.D	38/38mm
Flange Width	72mm

R51-R



Production Parameter

Weight	384g
Bearing	Loose ball
No. of Hole	24/28/32
Spoke Hole	14G
Axle System	QR-130mm
Axle Material	S45C
P.C.D	45/45mm
Flange Width	57mm
Cassette	Shm10SP
Ratchet System	3-Pawls

R736-R



Production Parameter

Weight	398g
Bearing	2SB
No. of Hole	24/28/32
Spoke Hole	14G
Axle System	QR-130mm
Axle Material	CrMo
P.C.D	45/45mm
Flange Width	57mm
Cassette	Shm10/11SP
Ratchet System	3-Pawls

Road-RB

V11-F



Production Parameter

Weight	94g
Bearing	2SB
No. of Hole	16/18/20
Spoke Hole	14G
Axle System	QR-100mm
Axle Material	6061-T6
P.C.D	28/28mm
Flange Width	75mm

V22-F



Production Parameter

Weight	88g
Bearing	2SB
No. of Hole	24
Spoke Hole	14G
Axle System	QR-100mm
Axle Material	6061-T6
P.C.D	38/38mm
Flange Width	72mm

V711-R



Production Parameter

Weight	211g
Bearing	4SB
No. of Hole	8+16/7+14
Spoke Hole	14G
Axle System	QR-130mm
Axle Material	7075-T6
P.C.D	33/46mm
Flange Width	55mm
Cassette	Shm11SP/XDR12SP
Ratchet System	3-Pawls

V722-R



Production Parameter

Weight	249g
Bearing	4SB
No. of Hole	24
Spoke Hole	14G
Axle System	QR-130mm
Axle Material	7075-T6
P.C.D	49mm
Flange Width	63mm
Cassette	Shm11SP/XDR12SP
Ratchet System	3-Pawls

V618-F



Production Parameter

Weight	94g
Bearing	2SB
No. of Hole	8+16
Spoke Hole	14G
Axle System	QR-100mm
Axle Material	7075-T6
P.C.D	28/28mm
Flange Width	75mm

V618-R



Production Parameter

Weight	211g
Bearing	4SB
No. of Hole	24
Spoke Hole	14G
Axle System	QR-130mm
Axle Material	7075-T6
P.C.D	33/46mm
Flange Width	63mm
Cassette	Shm11SP/XDR12SP
Ratchet System	Axicl Ratchet

Road-DB



Road-08

R26CL-F



Production Parameter

Weight	139g
Bearing	2SB
No. of Hole	24/28/32
Spoke Hole	14G
Axle System	TA12-100mm
Axle Material	6061-T6
P.C.D	45/45mm
Flange Width	58mm

R29-F



Production Parameter

Weight	179g
Bearing	2SB
No. of Hole	24/28/32
Spoke Hole	14G
Axle System	TA12-100mm
Axle Material	6061-T6
P.C.D	58/45mm
Flange Width	58mm

R26CL-R



Production Parameter

Weight	337g
Bearing	2SB
No. of Hole	24/28/32
Spoke Hole	14G
Axle System	TA12-142mm
Axle Material	CrMo
P.C.D	45/45mm
Flange Width	56mm
Cassette	Shm11SP
Ratchet System	3-Pawls

M629-R



Production Parameter

Weight	398g
Bearing	2SB
No. of Hole	24/28/32
Spoke Hole	14G
Axle System	TA12-142mm
Axle Material	CrMo
P.C.D	58/58mm
Flange Width	56mm
Cassette	Shm11SP
Ratchet System	3-Pawls

Road-DB

V666CL-F



Production Parameter

Weight	124g
Bearing	2SB
No. of Hole	7+14
Spoke Hole	14G
Axle System	TA12-100mm
Axle Material	6069-T6
P.C.D	45/28mm
Flange Width	50mm

D753CL-F



Production Parameter

Weight	139g
Bearing	2SB
No. of Hole	24/28/32
Spoke Hole	14G
Axle System	TA12-100mm
Axle Material	6061-T6
P.C.D	58/45mm
Flange Width	58mm

V666CL-R



Production Parameter

Weight	245g
Bearing	4SB
No. of Hole	8+16
Spoke Hole	14G
Axle System	TA12-142mm
Axle Material	6069-T6
P.C.D	45/53mm
Flange Width	39mm
Cassette	Shm11SP/XDR
Ratchet System	Axicl Ratchet

D753CL-R



Production Parameter

Weight	337g
Bearing	2SB
No. of Hole	24/28/32
Spoke Hole	14G
Axle System	TA12-142mm
Axle Material	7075-T6
P.C.D	58mm
Flange Width	56mm
Cassette	Shm11SP
Ratchet System	3-Pawls

V742CL-F



Production Parameter

Weight	125g
Bearing	2SB
No. of Hole	24/28/32
Spoke Hole	14G
Axle System	TA12-100mm
Axle Material	6061-T6
P.C.D	58/45mm
Flange Width	59mm
Disc Mount	Center lock/6Bolt

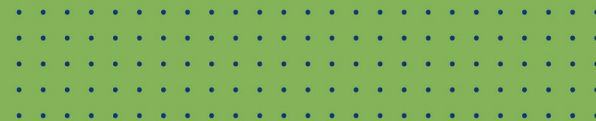
V742CL-R



Production Parameter

Weight	254g
Bearing	4SB
No. of Hole	24/28/32
Spoke Hole	14G
Axle System	TA12-142mm
Axle Material	7075-T6
Flange P.C.D	58/58mm
Flange Width	56mm
Cassette	Shm11SP/XDR12SP
Ratchet System	3-Pawls
Disc Mount	Center lock/6Bolt

TRACK



Road-DB

SF01-F



Production Parameter

Weight	230g
Bearing	2SB
No. of Hole	20
Spoke Hole	14G
Axle System	M9-100mm
Axle Material	CrMo

SF02-F



Production Parameter

Weight	228g
Bearing	2SB
No. of Hole	20/24
Spoke Hole	14G
Axle System	M9-100mm
Axle Material	CrMo

SF01-R



Production Parameter

Weight	317g
Bearing	2SB
No. of Hole	24
Spoke Hole	14G
Axle System	M10-120mm
Axle Material	CrMo

SF02-R



Production Parameter

Weight	282g
Bearing	2SB
No. of Hole	24/28
Spoke Hole	14G
Axle System	M10-120mm
Axle Material	CrMo

DMAG Hub - Application Recommendation

Categories	Series	Lifestyle	Sport	Performance	Bearing		No. of Pawl	Rotor		Rotor Assembly	Axle	Compatible	Smoothness		Drive Force Nm
					Type	Num		Tooth	Material				Axle	Rotor	
E-Bikes	ED				Seal	5	3	36	ST	-	TA12	SHM / XD / XDR	120~160	350~450	260
MTB Hardtail Full Sus. Cross/Gravel	M60				C&C	NA	3	24	ST	Spline	QR5	SHM	350~550	300~450	180
	M62				Seal	2	3	24	ST	Spline	TA12	SHM	250~350	300~450	180
	M7				Seal	2	3	24	AL / ST	Screw	QR5	SHM	250~350	300~450	120
	D9				Seal	4	4	30	AL / ST	-	TA12	SHM / XD / X DR	120~160	300~400	180
	D8				Seal	4	3	30	AL / ST	-	TA12	SHM / XD / XDR / CAMPY	120~160	300~400	180
Road Racing	V8				Seal	4	3	30	AL / ST	-	TA12	SHM / XD / XDR / CAMPY	120~160	300~400	180
	V7				Seal	4	3	30	AL / ST	-	QR5	SHM / XD / XDR / CAMPY	120~160	300~400	120
	D7				Seal	4	3	30	AL / ST	-	TA12	SHM / XD / XDR / CAMPY	120~160	300~400	120
	R60				C&C	NA	3	24	ST	Spline	QR5	SHM	350~550	300~450	180
	R62				Seal	2	3	24	ST	Spline	TA12	SHM	250~350	300~450	180
City Fitness Hybrid	M60				C&C	NA	3	24	ST	Spline	QR5	SHM	350~550	300~450	180
	M62				Seal	2	3	24	ST	Spline	TA12	SHM	250~350	300~450	180
	M2/5				C&C	NA	3	15	ST	Screw	QR5	SHM	350~550	350~450	120
	M7				Seal	2	3	15	ST	Screw	QR5	SHM	250~350	350~450	120
	R0/1/5				C&C	NA	3	15	ST	Screw	QR5	SHM	250~550	350~450	120
	R7				Seal	2	3	15	ST	Screw	QR5	SHM	250~350	350~450	120
Track	SF				Seal	2	-	-	-	-	-	FIX-FREE / FIX-FIX	120~160	-	120

C&C: Cup & Cone AL: Aluminum Alloy ST: Steel

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