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HUBS
2023
HIGH
EXTREME
PERFORMANCE

NOVATEC

HUBS 2023

WWW.NOVATECWHEELS.COM



INTRO



NOVATEC IS A PREMIUM PRODUCT LINE MANUFACTURED BY JOY INDUSTRIAL CO., LTD. NOVATEC WAS ESTABLISHED IN 1989 WITH THE GOAL OF PRODUCING OUTSTANDING PERFORMANCE PRODUCTS FOR BICYCLES. SINCE ITS INCEPTION, NOVATEC HAS BEEN HERALDED AS A QUALITY SUPPLIER FOR TOP-TIER BICYCLE AND WHEEL BRANDS ALL OVER THE WORLD.

NOVATEC IS DEDICATED TO THE IMPROVEMENT, DESIGN, MANUFACTURE AND SUPPORT OF ALL OUR PRODUCTS IN ALL OF OUR PRODUCT CHANNELS FROM OEM TO AFTERMARKET, BRANDED TO PRIVATE-LABEL, STANDARD TO CUSTOM. NOVATEC IS QUALITY, PERFORMANCE & RELIABILITY



WE HAVE CLOSE TO 50 YEARS EXPERIENCE IN PRODUCING HUBS AND WHEELS. WE CHANGED OUR NAME TO JOY INDUSTRIAL CO., LTD. AND RELOCATED TO TAIWAN - FUNG YUNG IN 1981. WE THEN EXPANDED TO A LARGER FACTORY LOCATED IN TAIWAN - TA YA IN 1975. TO IMPROVE CUSTOMER SERVICE WE ESTABLISHED ANOTHER 2 FACTORIES LOCATED IN SHEN ZHEN, KUN SHAN AND DURING IN 1993, 1998 RESPECTIVELY. IN 2006, EACH COMPANY BEGAN PRODUCTION OF WHEEL SETS TO BROADEN OUR ALREADY VAST PRODUCT OFFERING.



SYSTEM

THE WHOLE NEW SYSTEM

PRO ⁺	PREMIUM LEVEL SEALED BEARINGS PRODUCTS	SP	STRAIGHT PULL HUBS
PRO	HIGH LEVEL SEALED BEARINGS PRODUCTS	SL	SUPER LIGHT J-BEND HUBS
TEAM	MID LEVEL SEALED BEARINGS PRODUCTS	S	STANDARD J-BEND HUBS
ELITE	ENTRY LEVEL SEALED BEARINGS PRODUCTS		
CLUB	ENTRY LEVEL LOOSE BALL PRODUCTS		

	S	SL	SP
PRO ⁺			
PRO			
TEAM			
ELITE			
CLUB			

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TSE

2 PAWLS WITH 15T LOOSE BALL CASSETTE BODY



TA-TSE

2 PAWLS WITH 15T LOOSE BALL THROUGH AXLE CASSETTE BODY



TSBT

2 PAWLS WITH 15T SEALED BEARING CASSETTE BODY



TA-TSB

2 PAWLS WITH 15T SEALED BEARING THROUGH AXLE CASSETTE BODY



F2-333

3 PAWLS WITH 33T 2 SEALED BEARINGS CASSETTE BODY



SEALED BEARING

TOP QUALITY JAPANESE BEARING, ENSURING THE NOVATEC WHEELS ROLL FAST & FRICTION - FREE



REPLACEABLE BEARING

DOUBLE & QUAD BEARING CONFIGURATION ARE REPLACEABLE SHOULD THEY WEAR OUT - NOT THAT WE EXPECT THAT TO HAPPEN



UPGRADED

PRODUCT WAS UPGRADED FROM PREVIOUS VERSION



A.B.G

ANTI BITE GUARD IS A REINFORCED STEEL RIB INTEGRATED INTO AN ALLOY CASSETTE BODY SPLINES TO MITIGATED DAMAGE



LRD

FOR BMX SPECIALLY DESIGNED RATCHET RING ALLOWS INTERCHANGE BETWEEN RIGHT AND LEFT SIDE DRIVE



A327

3 PAWLS WITH 27T 2 SEALED BEARINGS OD12 CASSETTE BODY



B427

4 PAWLS WITH 27T 2 SEALED BEARINGS OD15 CASSETTE BODY



B2-427

4 PAWLS WITH 27T 2 SEALED BEARINGS OD15 LIGHT WEIGHT CASSETTE BODY



E440

4 PAWLS WITH 40T 2 SEALED BEARINGS OD17 CASSETTE BODY



R642

6 PAWLS WITH 42T 2 SEALED BEARINGS OD17 CASSETTE BODY



2IN1

TWO IN ONE SYSTEM ALLOWS FOR EASIER INTERCHANGE BETWEEN FREEWHEELS AND DRIVE UNIT



3IN1

THREE IN ONE SYSTEM, ALLOWING CONVERSION BETWEEN STANDARD QR, 12, 15



4IN1

FOUR IN ONE SYSTEM, ALLOWING CONVERSION BETWEEN STANDARD QR, 9, 15 / 20 FRONT AXLES QR, 10, 12 & X12 REAR AXLES



SHIMANO MICRO SPLINE 12S

SHIMANO MICRO SPLINE 12S FREEHUB BODY COMPATIBLE



CAMPAGNOLO EKAR-13S

CAMPAGNOLO EKAR 13S FREEHUB BODY COMPATIBLE

NEW

TECHNOLOGY



	S	SL	SP
PRO ⁺			AS61CB FS62CB-11S
PRO		A291SB-SL F482SB-SL-11S	AS511SB FS522SB-11S
TEAM	A171SB F172SB-11S		
ELITE	A361SBT F362TSBT-11S		
CLUB	A171DSE F362TSE-11S A173DSE F364TSE		



SP-PRO⁺

AS61CB

CARBON STRAIGHT PULL HUB
WEIGHT 72G
SEALED BEARING 2
SPOKE HOLES 20
GAUGE 14
O.L.D 100
AXLE 9
AXLE MATERIAL ALLOY
P.C.D 31.5
F.T.F 80.4



SP-PRO⁺

FS62CB-11S

CARBON STRAIGHT PULL HUB
WEIGHT 215G
SEALED BEARING 4
SPOKE HOLES 24
GAUGE 14
O.L.D 130
AXLE 10
AXLE MATERIAL ALLOY
P.C.D 34/47
F.T.F 67.8
OFFSET 24H:12.7
PAWLS 4
XDR AND CAMPY 12S
FREEHUB BODY COMPATIBLE



SP-PRO

AS511SB

ALLOY STRAIGHT PULL HUB
WEIGHT 77G
SEALED BEARING 2
SPOKE HOLES 20
GAUGE 14
O.L.D 100
AXLE 9
AXLE MATERIAL ALLOY
P.C.D 31.5
F.T.F 80.4



SP-PRO

FS522SB-11S

ALLOY STRAIGHT PULL HUB
WEIGHT 219G
SEALED BEARING 4
SPOKE HOLES 24
GAUGE 14
O.L.D 130
AXLE 10
AXLE MATERIAL ALLOY
P.C.D 34/47
F.T.F 67.8
OFFSET 24H:12.72
PAWLS 4
XDR AND CAMPY 12S
FREEHUB BODY COMPATIBLE





SL-PRO

A291SB-SL

ALLOY J-HOOK HUB
WEIGHT 60G
SEALED BEARING 2
SPOKE HOLES 20 24 28 32
GAUGE 14/15
O.L.D 100
AXLE 9
AXLE MATERIAL ALLOY
P.C.D 30
F.T.F 68.7



SL-PRO

F482SB-SL-11S

ALLOY J-HOOK HUB
WEIGHT 228G
SEALED BEARING 4
SPOKE HOLES 20 24 28 32
GAUGE 14
O.L.D 130
AXLE 10
AXLE MATERIAL ALLOY
P.C.D 41/49
F.T.F 56.6
OFFSET 10.2
PAWLS 4
XDR AND CAMPY 12S
FREEHUB BODY COMPATIBLE



S-TEAM

A171SB

ALLOY J-HOOK HUB
WEIGHT 113G
SEALED BEARING 2
SPOKE HOLES 20 24 28
GAUGE 14
O.L.D 100
AXLE 9
AXLE MATERIAL ALLOY
P.C.D 38
F.T.F 65.6



S-TEAM

F172SB-11S

ALLOY J-HOOK HUB
WEIGHT 272G
SEALED BEARING 4
SPOKE HOLES 20 24
GAUGE 14
O.L.D 130
AXLE 10
AXLE MATERIAL ALLOY
P.C.D 49
F.T.F 50.6
OFFSET 130:9.85
135:7.65
PAWLS 3
XDR AND CAMPY 12S
FREEHUB BODY COMPATIBLE



S-ELITE

A361SBT

ALLOY J-HOOK HUB
WEIGHT 163G
SEALED BEARING 2
SPOKE HOLES 20 24 28 32 36
GAUGE 14
O.L.D 100
AXLE 9
AXLE MATERIAL CRMO
P.C.D 38
F.T.F 72



S-ELITE

F362TSBT-11S

ALLOY J-HOOK HUB
WEIGHT 402G
SEALED BEARING 2
SPOKE HOLES 20 24 28 32 36
GAUGE 14
O.L.D 130、135
AXLE 10
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 50.4
OFFSET 6.25
PAWLS 2



S-CLUB

A171DSE

ALLOY J-HOOK HUB
WEIGHT 151G
SPOKE HOLES 20 24 28 32 36
GAUGE 14
O.L.D 100
AXLE 9
AXLE MATERIAL CRMO
P.C.D 38
F.T.F 65.6



S-CLUB

A173DSE

ALLOY J-HOOK HUB
WEIGHT 194G
SPOKE HOLES 20 24 28 32
GAUGE 14
O.L.D 100
AXLE 3/8X140、145
AXLE MATERIAL CRMO
P.C.D 38
F.T.F 72



S-CLUB

F362TSE-11S

ALLOY J-HOOK HUB
WEIGHT 408G
SPOKE HOLES 24 28 32 36
GAUGE 14
O.L.D 130、135
AXLE 10
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 50.8
OFFSET 130:9.74
135:4.6
PAWLS 2



S-CLUB

F364TSE

ALLOY J-HOOK HUB
WEIGHT 447G
SPOKE HOLES 24 28 32 36
GAUGE 14
O.L.D 130、135
AXLE 10X175、180、185
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 50.4
OFFSET 4.29
PAWLS 2



GRAVEL ROAD DISC

BOOST



SP-PRO⁺ D411CB-CL-B12

CARBON STRAIGHT PULL DISC HUB
WEIGHT 87G
SEALED BEARING 2
SPOKE HOLES 24
GAUGE 14
O.L.D 110
AXLE 12
AXLE MATERIAL ALLOY
P.C.D 37
F.T.F 51.3
OFFSET 2.8



SP-PRO⁺ D412CB-CL-B12-11S

CARBON STRAIGHT PULL DISC HUB
WEIGHT 233G
SEALED BEARING 4
SPOKE HOLES 24
GAUGE 14
O.L.D 148
AXLE 12
AXLE MATERIAL ALLOY
P.C.D 34/47
F.T.F 65.2
OFFSET 6.65
PAWLS 4
XDR AND CAMPY 12S
FREEHUB BODY COMPATIBLE



SL-TEAM D791SB-B12

ALLOY J-HOOK HUB
WEIGHT 211G
SEALED BEARING 2
SPOKE HOLES 24 28 32 36
GAUGE 14
O.L.D 110
AXLE 12
AXLE MATERIAL ALLOY
P.C.D 58/45
F.T.F 56.4
OFFSET 7.2
CENTER LOCK:D791SB-CL-B12



SL-TEAM D792SB-B12-S4S-11S

ALLOY J-HOOK HUB
WEIGHT 407G
SEALED BEARING 4
SPOKE HOLES 28 32 36
GAUGE 14
O.L.D 148
AXLE 12
AXLE MATERIAL CROM
P.C.D 58/49
F.T.F 63.1
OFFSET 7.8
PAWLS 4
CENTER LOCK:
D792SB-CL-B12-S4S-11S
XDR AND CAMPY 12S
FREEHUB BODY COMPATIBLE



	S	SL	SP
PRO ⁺			D411CB-CL-B12 D412CB-CL-B12-11S D411CB-12 D412CB-X12-11S
PRO			D411SB-12 D412SB-X12-11S DS401SB-CL-12 DS402SB-CL-X12-11S
TEAM		D791SB-B12 D792SB-B12-S4S-11S D791SB-12 D792SB-X12-A4A-11S	
ELITE	D981SB-12 D982TSB-X12-11S		
CLUB	D981-12 D982TSE-X12-11S		



SP-PRO⁺

D411CB-12

CARBON STRAIGHT PULL DISC HUB
WEIGHT 83G
SEALED BEARING 2
SPOKE HOLES 24
GAUGE 14
O.L.D 100
AXLE 12
AXLE MATERIAL ALLOY
P.C.D 34
F.T.F 63.5
OFFSET 3.25
CENTER LOCK:D411CB-CL-12



SP-PRO⁺

D412CB-X12-11S

CARBON STRAIGHT PULL DISC HUB
WEIGHT 230G
SEALED BEARING 4
SPOKE HOLES 24
GAUGE 14
O.L.D 142
AXLE 12
AXLE MATERIAL ALLOY
P.C.D 34/47
F.T.F 60.8
OFFSET 6.65
PAWLS 4
CENTER LOCK:
D412CB-CL-X12-11S
D412CB-CL-X12-C13
XDR AND CAMPY 12S
FREEHUB BODY COMPATIBLE



SP-PRO

D411SB-12

ALLOY STRAIGHT PULL DISC HUB
WEIGHT 85G
SEALED BEARING 2
SPOKE HOLES 24
GAUGE 14
O.L.D 100
AXLE 12
AXLE MATERIAL ALLOY
P.C.D 34
F.T.F 63.5
OFFSET 3.25
CENTER LOCK:D411SB-CL-12



SP-PRO

D412SB-X12-11S

ALLOY STRAIGHT PULL DISC HUB
WEIGHT 238G
SEALED BEARING 4
SPOKE HOLES 24
GAUGE 14
O.L.D 142
AXLE 12
AXLE MATERIAL ALLOY
P.C.D 34/47
F.T.F 60.8
OFFSET 6.65
PAWLS 4
CENTER LOCK:
D412SB-CL-X12-11S
D412SB-CL-X12-C13
XDR AND CAMPY 12S
FREEHUB BODY COMPATIBLE



SP-PRO

DS401SB-CL-12

ALLOY STRAIGHT PULL DISC HUB
WEIGHT 125G
SEALED BEARING 2
SPOKE HOLES 24
GAUGE 14
O.L.D 100
AXLE 12
AXLE MATERIAL ALLOY
P.C.D 37
F.T.F 65.45
OFFSET 3.3



SP-PRO

DS402SB-CL-X12-11S

ALLOY STRAIGHT PULL DISC HUB
WEIGHT 257G
SEALED BEARING 4
SPOKE HOLES 24
GAUGE 14
O.L.D 142
AXLE 12
AXLE MATERIAL ALLOY
P.C.D 34/47
F.T.F 59.8
OFFSET 6.7
PAWLS 4
CENTER LOCK:
XDR AND CAMPY 12S
FREEHUB BODY COMPATIBLE



SL-TEAM

D791SB-12

ALLOY J-HOOK HUB
WEIGHT 171G
SEALED BEARING 2
SPOKE HOLES 20 24 28 32 36
GAUGE 14
O.L.D 100
AXLE 12
AXLE MATERIAL ALLOY
P.C.D 58/45
F.T.F 62
OFFSET 7.7
CENTER LOCK:D791SB-CL-12



SL-TEAM

D792SB-X12-A4A-11S

ALLOY J-HOOK HUB
WEIGHT 290G
SEALED BEARING 4
SPOKE HOLES 24 28 32 36
GAUGE 14
O.L.D 142
AXLE 12
AXLE MATERIAL ALLOY
P.C.D 58/49
F.T.F 56.4
OFFSET 7.4
PAWLS 4
CENTER LOCK:
D792SB-CL-X12-11S
D792SB-CL-X12-C13
XDR AND CAMPY 12S
FREEHUB BODY COMPATIBLE



S-ELITE

D981SB-12

ALLOY J-HOOK DISC HUB
WEIGHT 205G
SEALED BEARING 2
SPOKE HOLES 24 28 32 36
GAUGE 14
O.L.D 100
AXLE 12
AXLE MATERIAL CRMO
P.C.D 58/45
F.T.F 55
OFFSET 7.7
CENTER LOCK:D981SB-CL-12



S-ELITE

D982TSB-X12-11S

ALLOY J-HOOK DISC HUB
WEIGHT 384G
SPOKE HOLES 28 32 36
GAUGE 14
O.L.D 142
AXLE 12
AXLE MATERIAL CRMO
P.C.D 58/49
F.T.F 57
OFFSET 7.2
PAWLS 2
CENTER LOCK:
D982TSB-CL-X12-11S



S-CLUB

D981-12

ALLOY J-HOOK DISC HUB
WEIGHT 218G
SPOKE HOLES 24 28 32 36
GAUGE 14
O.L.D 100
AXLE 12
AXLE MATERIAL CRMO
P.C.D 58/45
F.T.F 55
OFFSET 7.7
CENTER LOCK:D981-CL-12

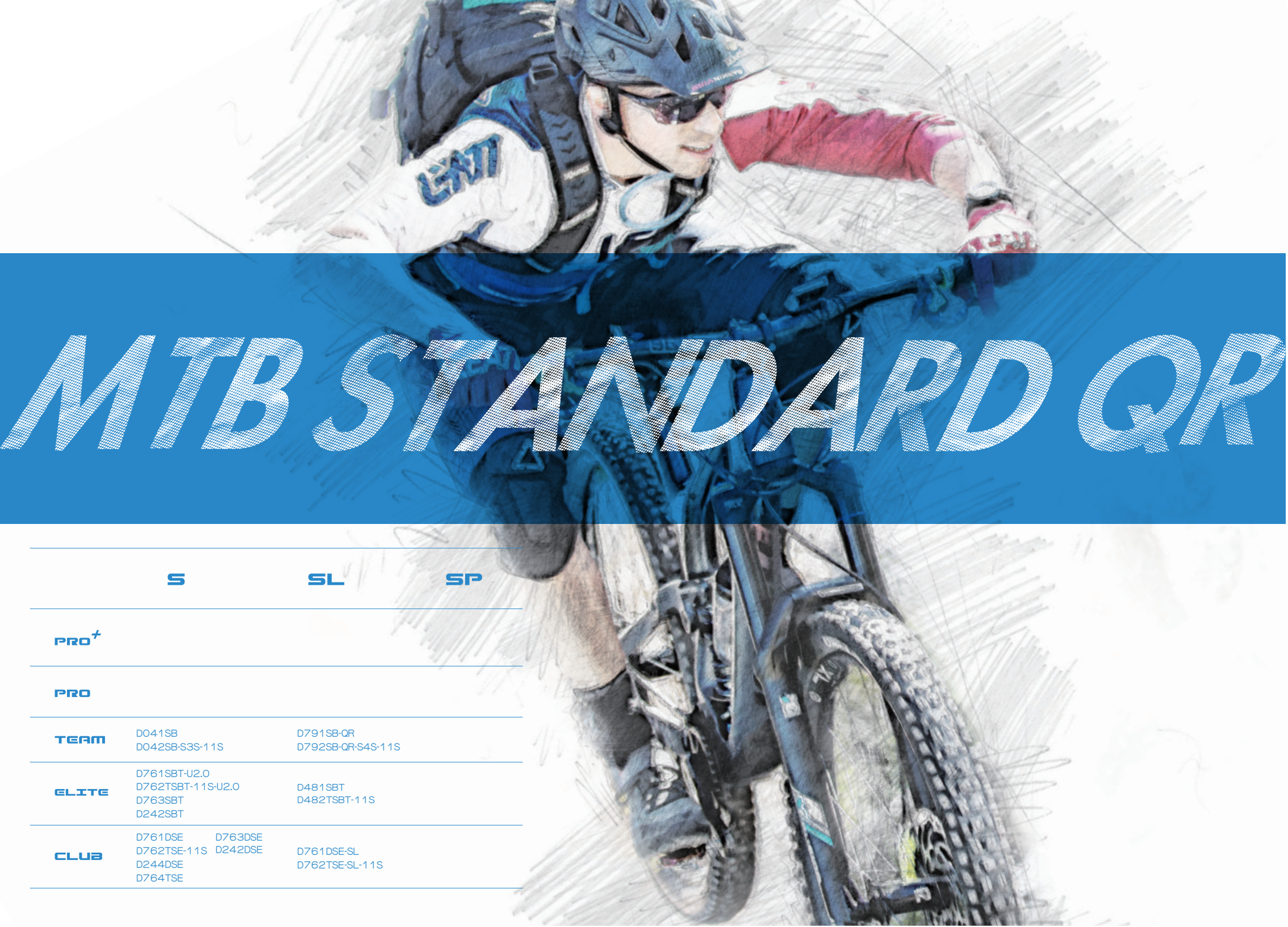


S-CLUB

D982TSE-X12-11S

ALLOY J-HOOK DISC HUB
WEIGHT 411G
SPOKE HOLES 28 32 36
GAUGE 14
O.L.D 142
AXLE 12
AXLE MATERIAL CRMO
P.C.D 58/49
F.T.F 50
OFFSET 7.2
PAWLS 2
CENTER LOCK:D982TSE-CL-X12-11S





MTB STANDARD QR

	S	SL	SP
PRO ⁺			
PRO			
TEAM	D041SB D042SB-S3S-11S		D791SB-QR D792SB-QR-S4S-11S
ELITE	D761SBT-U2.0 D762TSBT-11S-U2.0 D763SBT D242SBT		D481SBT D482TSBT-11S
CLUB	D761DSE D762TSE-11S D244DSE D764TSE	D763DSE D242DSE	D761DSE-SL D762TSE-SL-11S



SL-TEAM

D791SB-QR

ALLOY J-HOOK HUB
WEIGHT 197G
SEALED BEARING 2
SPOKE HOLES 20 24 28 32 36
GAUGE 14
O.L.D 100
AXLE 9
AXLE MATERIAL ALLOY
P.C.D 58/49
F.T.F 50.9
OFFSET 7.7
CENTER LOCK:D791SB-CL-QR



SL-TEAM

D792SB-QR-S4S-11S

ALLOY J-HOOK HUB
WEIGHT 487G
SEALED BEARING 4
SPOKE HOLES 24 28 32 36
GAUGE 14
O.L.D 135
AXLE 10
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 50.9
OFFSET 7.4
PAWLS 4
CENTER LOCK:
D792SB-CL-QR-S4S-11S
XD DRIVER COMPATIBLE



S-TEAM

D041SB

ALLOY J-HOOK HUB
WEIGHT 217G
SEALED BEARING 2
SPOKE HOLES 28 32 36 40
GAUGE 14
O.L.D 100
AXLE 9
AXLE MATERIAL ALLOY
P.C.D 58
F.T.F 62
OFFSET 7.2



S-TEAM

D042SB-S3S-11S

ALLOY J-HOOK HUB
WEIGHT 489G
SEALED BEARING 4
SPOKE HOLES 24 28 32 36 40
GAUGE 14
O.L.D 135 、 145
AXLE 10
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 59.3
OFFSET 7.45
PAWLS 3



SL-ELITE

D481SBT

ALLOY J-HOOK HUB
WEIGHT 287G
SEALED BEARING 2
SPOKE HOLES 28 32 36
GAUGE 14
O.L.D 100
AXLE 9
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 62
OFFSET 7.2



SL-ELITE

D482TSBT-11S

ALLOY J-HOOK HUB
WEIGHT 476G
SEALED BEARING 2
SPOKE HOLES 28 32 36
GAUGE 14
O.L.D 135
AXLE 10
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 57.7
OFFSET 7.3
PAWLS 2





S-ELITE

D761SBT-U2.0

ALLOY J-HOOK DISC HUB
WEIGHT 263G
SEALED BEARING 2
SPOKE HOLES 24 28 32 36
GAUGE 14,36H/13G
O.L.D 100
AXLE 9
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 62
OFFSET 7



S-ELITE

D763SBT

ALLOY J-HOOK DISC HUB
WEIGHT 328G
SEALED BEARING 2
SPOKE HOLES 28 32 36
GAUGE 14,36H/13G
O.L.D 100
AXLE 3/8X140、145、150
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 62
OFFSET 7



SL-CLUB

D761DSE-SL

ALLOY J-HOOK HUB
WEIGHT 238G
SPOKE HOLES 24 28 32 36
GAUGE 14
O.L.D 100
AXLE 9
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 62
OFFSET 7.3



S-CLUB

D761DSE

ALLOY J-HOOK HUB
WEIGHT 240G
SPOKE HOLES 24 28 32 36
GAUGE 14
O.L.D 100
AXLE 9
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 62
OFFSET 7.3
CENTER LOCK:D761DSE-CL



S-CLUB

D244DSE

ALLOY J-HOOK DISC HUB
WEIGHT 387G
SPOKE HOLES 32 36
GAUGE 14
O.L.D 135
AXLE 3/8X165、180、185
AXLE M10X180
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 58
OFFSET 6.9



S-CLUB

D763DSE

ALLOY J-HOOK DISC HUB
WEIGHT 304G
SPOKE HOLES 32 36
GAUGE 14,36H/13G
O.L.D 100
AXLE 3/8X138、140、145、150、170
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 62
OFFSET 7.3



S-ELITE

D762TSBT-11S-U2.0

ALLOY J-HOOK DISC HUB
WEIGHT 476G
SEALED BEARING 2
SPOKE HOLES 24 28 32 36
GAUGE 14,36H/13G
O.L.D 100
AXLE 10
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 57.1
OFFSET 7.7
PAWLS 2



S-ELITE

D242SBT

ALLOY J-HOOK DISC HUB
WEIGHT 321G
SEALED BEARING 2
SPOKE HOLES 32
GAUGE 14
O.L.D 135
AXLE 10
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 58



SL-CLUB

D762TSE-SL-11S

ALLOY J-HOOK HUB
WEIGHT 448G
SPOKE HOLES 24 28 32 36
GAUGE 14
O.L.D 135
AXLE 10
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 57.1
OFFSET 7.3
PAWLS 2



S-CLUB

D762TSE-11S

ALLOY J-HOOK HUB
WEIGHT 460G
SPOKE HOLES 24 28 32 36
GAUGE 14
O.L.D 135
AXLE 10
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 57.1
OFFSET 7.3
PAWLS 2
CENTER LOCK:D762TSE-CL-11S



S-CLUB

D764TSE

ALLOY J-HOOK DISC HUB
WEIGHT 495G
SPOKE HOLES 32 36
GAUGE 14
O.L.D 135
AXLE M10X185
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 57.1
OFFSET 7.3
PAWLS 2



S-CLUB

D242DSE

ALLOY J-HOOK DISC HUB
WEIGHT 330G
SPOKE HOLES 32 36
GAUGE 13/14
O.L.D 135
AXLE 10
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 58
OFFSET 7.5



	S	SL	SP
PRO ⁺	XDS641SB/A-B15 XDS642SB/A-B12-A6ABG		
PRO	XD641SB-B15 D902SB-B12-11S		
TEAM	D791SB-B15 D462SB-SL-S3S-B12-MS		
ELITE	D471SBT-B5 D472TSBT-B5-11S	D041SB-B15 D442SB-S4S-B12-MS	
CLUB	D041-B15 D952TSE-B12-11S D761DSE-B5 D762TSE-B5-11S		



SP-PRO⁺
XDS641SB/A-B15

ALLOY STRAIGHT PULL DISC HUB
WEIGHT 170G
SEALED BEARING 2
SPOKE HOLES 28
GAUGE 14
O.L.D 110
AXLE 15
AXLE MATERIAL ALLOY
P.C.D 37
F.T.F 77.5
OFFSET 6.5
15X100:XDS641SB/A-15



SP-PRO⁺
XDS642SB/A-B12-A6ABG

ALLOY STRAIGHT PULL DISC HUB
WEIGHT 318G
SEALED BEARING 4
SPOKE HOLES 28
GAUGE 14
O.L.D 148
AXLE 12
AXLE MATERIAL ALLOY
P.C.D 45.5/59
F.T.F 68.3
OFFSET 7.9
PAWLS 6
X12:XDS642SB/A-X12-A6ABG
XD DRIVER COMPATIBLE



SL-PRO
XD641SB-B15

ALLOY J-HOOK DISC HUB
WEIGHT 196G
SEALED BEARING 2
SPOKE HOLES 32
GAUGE 14
O.L.D 110
AXLE 15
AXLE MATERIAL ALLOY
P.C.D 58
F.T.F 69.5
OFFSET 5.9
15X100:XD641SB-15



SL-PRO
D902SB-B12-11S

ALLOY J-HOOK DISC HUB
WEIGHT 370G
SEALED BEARING 4
SPOKE HOLES 32 36
GAUGE 13 14
O.L.D 148
AXLE 12
AXLE MATERIAL EMTB CRMO / MTB ALLOY
P.C.D 62
F.T.F 62.1
OFFSET 7.6
PAWLS 4
XD DRIVER COMPATIBLE
MICRO SPLINE COMPATIBLE
CENTER LOCK: D902SB-CL-B12-11S



SL-TEAM
D791SB-B15

ALLOY J-HOOK DISC HUB
WEIGHT 170G
SEALED BEARING 2
SPOKE HOLES 24 28 32 36
GAUGE 14
O.L.D 110
AXLE 15
AXLE MATERIAL ALLOY
P.C.D 58/45
F.T.F 71.2
OFFSET 7.2
CENTER LOCK:D791SB-CL-B15
15X100:D791SB-15



SL-TEAM
D462SB-SL-S3S-B12-MS

ALLOY J-HOOK DISC HUB
WEIGHT 444G
SEALED BEARING 4
SPOKE HOLES 28 32 36
GAUGE 13 14
O.L.D 148
AXLE 12
AXLE MATERIAL CRMO
P.C.D 58/49
F.T.F 64.5
OFFSET 7.5
PAWLS 3
CENTER LOCK:
D462SB-CL-B12-11S
X12:D462SB-SL-X12-S3S-11S
XD DRIVER COMPATIBLE
MICRO SPLINE COMPATIBLE





SL-ELITE

D041SB-B15

ALLOY J-HOOK DISC HUB
WEIGHT 193G
SEALED BEARING 2
SPOKE HOLES 28 32
28/14G 32/13G 36/13G
GAUGE 13 14
O.L.D 110
AXLE 15
AXLE MATERIAL ALLOY
P.C.D 58
F.T.F 72
OFFSET 7.2



S-ELITE

D442SB-S4S-B12-MS

ALLOY J-HOOK DISC HUB
WEIGHT 491G (MS)
SEALED BEARINGS 4
SPOKE HOLES 28 32 36
GAUGE 14
O.L.D 148
AXLE 12
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 62.9
OFFSET 7.5
PAWLS 4
X12:D442SB-S4S-X12-MS
MICRO SPLINE COMPATIBLE



S-ELITE

D471SBT-B5

ALLOY J-HOOK HUB
WEIGHT 338G
SEALED BEARING 2
SPOKE HOLES 28 32 36
GAUGE 14
O.L.D 110
AXLE 9
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 72
OFFSET 7.2



S-ELITE

D472TSBT-B5-11S

ALLOY J-HOOK HUB
WEIGHT 560G
SPOKE HOLES 28 32 36
GAUGE 14
O.L.D 141
AXLE 10
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 63.4
OFFSET 7.35
PAWLS 2



S-CLUB

D041-B15

ALLOY J-HOOK DISC HUB
WEIGHT 278G
SPOKE HOLES
24 28 32/13G 36/13G
GAUGE 13 14
O.L.D 110
AXLE 15
AXLE MATERIAL ALLOY
P.C.D 58
F.T.F 72
OFFSET 7.3



S-CLUB

D952TSE-B12-11S

ALLOY J-HOOK HUB
WEIGHT 407G
SPOKE HOLES 28 32 36
GAUGE 14
O.L.D 148
AXLE 12
AXLE MATERIAL CRMO
P.C.D 58/49
F.T.F 56.4
OFFSET 7
PAWLS 2+15T
CENTER LOCK:
D952TSE-CL-B12-11S
X12:D952TSE-X12-11S



S-CLUB

D761DSE-B5

ALLOY J-HOOK HUB
WEIGHT 287G
SPOKE HOLES 28 32 36
GAUGE 14
O.L.D 110
AXLE 9
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 62
OFFSET 7.2



S-CLUB

D762TSE-B5-11S

ALLOY J-HOOK HUB
WEIGHT 460G
SPOKE HOLES 32 36
GAUGE 14
O.L.D 141
AXLE 10
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 63.1
OFFSET 7.7
PAWLS 2





DOWNHILL SUPERBOOST

	S	SL	SP
PRO ⁺		XD641SB/A-20 XDH42SB/A-A6ABG	
PRO		D951SB-SL-B20 DH92SB-A4A-157-MS	
TEAM	DH61SB-HL		
ELITE			
CLUB			



SL-PRO⁺

XD641SB/A-20

ALLOY J-HOOK DISC HUB
WEIGHT 192G
SEALED BEARING 2
SPOKE HOLES 28 32
GAUGE 14
O.L.D 110
AXLE 20
AXLE MATERIAL ALLOY
P.C.D 58
F.T.F 59.5
OFFSET 5.9



SL-PRO⁺

XDH42SB/A-A6ABG

ALLOY J-HOOK DISC HUB
WEIGHT 352G
SEALED BEARING 4
SPOKE HOLES 32
GAUGE 14
O.L.D 150/157
AXLE 12
AXLE MATERIAL ALLOY
P.C.D 62
F.T.F 72.9
OFFSET 6.8
PAWLS 6
XD DRIVER COMPATIBLE



SL-PRO

D951SB-SL-B20

ALLOY J-HOOK DISC HUB
WEIGHT 220G
SEALED BEARING 2
SPOKE HOLES 28 32
GAUGE 14
O.L.D 110
AXLE 20
AXLE MATERIAL ALLOY
P.C.D 58/49
F.T.F 64.5
OFFSET 7.5



SL-PRO

DH92SB-A4A-157-MS

ALLOY J-HOOK DISC HUB
WEIGHT 393G
SEALED BEARING 4
SPOKE HOLES 32
GAUGE 14
O.L.D 150/157
AXLE 12
AXLE MATERIAL ALLOY
P.C.D 44
F.T.F 71.4
OFFSET 7.6
PAWLS 4
XD DRIVER COMPATIBLE



S-TEAM

DH61SB-HL

ALLOY J-HOOK DISC HUB
WEIGHT 185G
SEALED BEARING 2
SPOKE HOLES 32 36
GAUGE 14
O.L.D 110
AXLE 20
AXLE MATERIAL ALLOY
P.C.D 58/45
F.T.F 60
OFFSET 6





	S	SL	SP
PRO ⁺			
PRO			
TEAM	D201SB-15 D922SB-S4S-X12-11S D101SB-15 D912SB-S4S-X12-11S		
ELITE	D403SBT		
CLUB	D101DSE D102TSE D103DSE D104TSE		



S-TEAM

D201SB-15

ALLOY J-HOOK HUB
WEIGHT 350G
SEALED BEARING 2
SPOKE HOLES 32
GAUGE 14
O.L.D 150
AXLE MATERIAL ALLOY
P.C.D 58
F.T.F 71



S-TEAM

D922SB-S4S-X12-11S

ALLOY J-HOOK HUB
WEIGHT 678G
SEALED BEARING 5
SPOKE HOLES 32
GAUGE 14
O.L.D 197
AXLE 12
AXLE MATERIAL CRMO
P.C.D 62
F.T.F 97.1
PAWLS 4
XD DRIVER COMPATIBLE



S-TEAM

D101SB-15

ALLOY J-HOOK HUB
WEIGHT 196G
SEALED BEARING 2
SPOKE HOLES 32 36
GAUGE 14
O.L.D 135
AXLE MATERIAL ALLOY
P.C.D 58
F.T.F 72



S-TEAM

D912SB-S4S-X12-11S

ALLOY J-HOOK HUB
WEIGHT 632G
SEALED BEARING 5
SPOKE HOLES 32
GAUGE 14
O.L.D 177
AXLE 12
AXLE MATERIAL CRMO
P.C.D 62
F.T.F 77.1
PAWLS 4
XD DRIVER COMPATIBLE





S-ELITE

D403SBT

ALLOY J-HOOK DISC HUB
WEIGHT 400G
SEALED BEARING 2
SPOKE HOLES 32 36
GAUGE 14,36H/13G
O.L.D 135
AXLE 3/8X185
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 92
OFFSET 5



S-CLUB

D101DSE

ALLOY J-HOOK HUB
WEIGHT 287G
SPOKE HOLES 32
GAUGE 13/14
O.L.D 135
AXLE 9
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 79



S-CLUB

D103DSE

ALLOY J-HOOK HUB
WEIGHT 348G
SPOKE HOLES 32 36
GAUGE 14
O.L.D 135
AXLE 3/8X175、180
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 79



S-CLUB

D102TSE

ALLOY J-HOOK HUB
WEIGHT 490G
SPOKE HOLES 32
GAUGE 14
O.L.D 190
AXLE 10
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 78
OFFSET 20
PAWLS 2





SL-PRO

XD641SB-15

ALLOY J-HOOK DISC HUB
WEIGHT 186G
SEALED BEARING 2
SPOKE HOLES 28 32
GAUGE 14
O.L.D 100
AXLE 15
AXLE MATERIAL ALLOY
P.C.D 58
F.T.F 59.5
OFFSET 5.9



SL-PRO

XD262SB-A6A

ALLOY J-HOOK DISC HUB
WEIGHT 370G
SEALED BEARING 4
SPOKE HOLES 32
GAUGE 14
O.L.D 135/142
AXLE 10/12
AXLE MATERIAL ALLOY
P.C.D 62
F.T.F 72.9
OFFSET 0.7
PAWLS 6
9T-DRIVER UNIT COMPATIBLE



S-PRO

D252SBT

ALLOY J-HOOK DISC HUB
WEIGHT 480G
SEALED BEARING 4
SPOKE HOLES 32
GAUGE 14
O.L.D 135
AXLE 10
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 74.9
PAWLS 4



S-PRO

D252SB-BO-AA

ALLOY J-HOOK DISC HUB
WEIGHT 326G
SEALED BEARING 4
SPOKE HOLES 32
GAUGE 14
O.L.D 135
AXLE 10
AXLE MATERIAL ALLOY
P.C.D 58/49
F.T.F 74.9
OFFSET 5
PAWLS 4





S-TEAM

AH41SB

ALLOY J-HOOK DISC HUB
WEIGHT 138G
SEALED BEARING 2
SPOKE HOLES 32
GAUGE 14
O.L.D 100
AXLE 15
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 72.4



S-TEAM

D256SBT

ALLOY J-HOOK DISC HUB
WEIGHT 560G
SEALED BEARING 4
SPOKE HOLES 32
GAUGE 14
O.L.D 135
AXLE M10X180、185
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 75.5
PAWLS 4





	S	SL	SP
PRO ⁺			
PRO			
TEAM	F176SBT		
ELITE	2155SBT 2156SBT	A075SBT A076SBT	
CLUB	2155SE 2156SE F036-14 A075	A076 S01E S01F	



S-TEAM

F176SBT

ALLOY J-HOOK HUB
WEIGHT 496G
SEALED BEARING 4
SPOKE HOLES 20 28 32 36
GAUGE 14
O.L.D 110
AXLE 3/8X160、165
AXLE MATERIAL CRMO
P.C.D 49
F.T.F 57
PAWLS 4



S-ELITE

2155SBT

ALLOY J-HOOK HUB
WEIGHT 257G
SPOKE HOLES 28 36
GAUGE 14
O.L.D 96/100
AXLE 3/8X140、150、160
AXLE MATERIAL CRMO
P.C.D 38
F.T.F 68



S-ELITE

2156SBT

ALLOY J-HOOK HUB
WEIGHT 312G
SPOKE HOLES 36
GAUGE 14
O.L.D 110/112/114
AXLE 3/8X180
AXLE MATERIAL CRMO
P.C.D 43.5
F.T.F 60



S-ELITE

A075SBT

ALLOY J-HOOK HUB
WEIGHT 440G
SEALED BEARING 2
SPOKE HOLES 36
GAUGE 14
O.L.D 100
AXLE 3/8X155、170
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 72



S-ELITE

A076SBT

ALLOY J-HOOK HUB
WEIGHT 459G
SEALED BEARING 2
SPOKE HOLES 36
GAUGE 14
O.L.D 110
AXLE 3/8X165、180
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 58





S-CLUB

2155SE

ALLOY J-HOOK HUB
WEIGHT 220G
SPOKE HOLES 24 28 36
GAUGE 14
O.L.D 100
AXLE 3/8X140、150、160
AXLE MATERIAL CRMO
P.C.D 38
F.T.F 67



S-CLUB

2156SE

ALLOY J-HOOK HUB
WEIGHT 250G
SPOKE HOLES 24 28 36
GAUGE 14
O.L.D 114
AXLE 3/8X155、160、170
AXLE MATERIAL CRMO
P.C.D 43.5
F.T.F 60



S-CLUB

F036-14

ALLOY J-HOOK HUB
WEIGHT 596G
SPOKE HOLES 32 36 48
GAUGE 14
O.L.D 110/112
AXLE 14X180、185
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 58
PAWLS 3



S-CLUB

A075

ALLOY J-HOOK HUB
WEIGHT 410G
SPOKE HOLES 36 48
GAUGE 14
O.L.D 100
AXLE 3/8X140
AXLE M14X165
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 72



S-CLUB

A076

ALLOY J-HOOK HUB
WEIGHT
3/8---298G
M14---399G
SPOKE HOLES 20 36 48
GAUGE M14
O.L.D 110
AXLE 3/8X165、175
AXLE M14X185
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 58



S-CLUB

S01E

STEEL J-HOOK HUB
WEIGHT 344G
SPOKE HOLES 36
GAUGE 14
O.L.D 100
AXLE 3/8X165
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 54



S-CLUB

S01F

STEEL J-HOOK HUB
WEIGHT 496G
SPOKE HOLES 36
GAUGE 14
O.L.D 110
AXLE 3/8X175
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 57





TRACKBIKE

	S	SL	SP	H
PRO ⁺				
PRO				
TEAM				
ELITE	A565SBT A566SBT			
CLUB	A565DSE A566DSE			



S-ELITE

A565SBT

ALLOY J-HOOK HUB
WEIGHT 214G
SEALED BEARING 2
SPOKE HOLES 28 32
GAUGE 14
O.L.D 100
AXLE M9X140、145、150、160
AXLE MATERIAL CRMO
P.C.D 62
F.T.F 70



S-CLUB

A565DSE

ALLOY J-HOOK HUB
WEIGHT 212G
SPOKE HOLES 32
GAUGE 14
O.L.D 100
AXLE 3/8X140、145、150
AXLE MATERIAL CRMO
P.C.D 62
F.T.F 70



S-ELITE

A566SBT

ALLOY J-HOOK HUB
WEIGHT 280G
SEALED BEARING 2
SPOKE HOLES 28 32
GAUGE 14
O.L.D 120
AXLE M10X165、170
AXLE MATERIAL CRMO
P.C.D 62
F.T.F 60



S-CLUB

A566DSE

ALLOY J-HOOK HUB
WEIGHT 300G
SPOKE HOLES 32
GAUGE 14
O.L.D 120
AXLE 3/8X170、185
AXLE MATERIAL CRMO
P.C.D 62
F.T.F 60



	S	SL	SP
PRO ⁺			
PRO			
TEAM			
ELITE			
CLUB	301 F364TSE-135 511 756DSE 431 823A 432 751DSE	752DSE 753DSE 754DSE 436/436DT	433 434



S-CLUB

301

STEEL J-HOOK HUB
WEIGHT 55L 5/16...150G
71L 3/8...202G
SPOKE HOLES 16 20 28 36
GAUGE 14
O.L.D 93/100
AXLE 3/8X100、115、130、135、140、145
AXLE 5/16X105、115、120、135、145
AXLE MATERIAL CRMO
P.C.D 34
F.T.F 60/71



S-CLUB

511

STEEL J-HOOK HUB
WEIGHT 459G
SPOKE HOLES 28 36
GAUGE 14
O.L.D 114
AXLE 3/8X180
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 54.5
PAWLS 2



S-CLUB

431

STEEL J-HOOK HUB
WEIGHT 188G
SPOKE HOLES 28 32 36
GAUGE 14
O.L.D 100
AXLE 9
AXLE MATERIAL CRMO
P.C.D 38
F.T.F 56/61.5/69



S-CLUB

432

STEEL J-HOOK HUB
WEIGHT 332G
SPOKE HOLES 28 32 36
GAUGE 14
O.L.D 130/135
AXLE 10
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 57



S-CLUB

F364TSE-135

ALLOY J-HOOK HUB
WEIGHT 447G
SPOKE HOLES 24 28 32 36
GAUGE 14
O.L.D 135
AXLE 10X175、180、185
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 50.8
OFFSET 4.29
PAWLS 2



S-CLUB

756DSE

ALLOY J-HOOK HUB
WEIGHT 332G
SPOKE HOLES 36
GAUGE 14
O.L.D 110
AXLE 3/8X155、175
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 57



S-CLUB

823A

ALLOY J-HOOK HUB
WEIGHT 149G
SPOKE HOLES 20 36
GAUGE 14
O.L.D 93/100
AXLE 3/8X135、140、145、150
AXLE MATERIAL CRMO
P.C.D 34
F.T.F 64



S-CLUB

751DSE

ALLOY J-HOOK HUB
WEIGHT 153G
SPOKE HOLES 20 28 32 36
GAUGE 13/14
O.L.D 100
AXLE 9
AXLE MATERIAL CRMO
P.C.D 38
F.T.F 72



S-CLUB

752DSE

ALLOY J-HOOK HUB
WEIGHT 268G
SPOKE HOLES 28 32 36
GAUGE 13/14
O.L.D 130/135
AXLE 10
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 57



S-CLUB

753DSE

ALLOY J-HOOK HUB
WEIGHT 196G
SPOKE HOLES 28 32 36
GAUGE 13/14
O.L.D 100
AXLE 3/8X140、145、150
AXLE M9X140
AXLE MATERIAL CRMO
P.C.D 38
F.T.F 72



S-CLUB

754DSE

ALLOY J-HOOK HUB
WEIGHT 301G
SPOKE HOLES 28 32 36
GAUGE 13/14
O.L.D 135
AXLE 3/8X180、185
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 57



S-CLUB

436/436DT

STEEL J-HOOK HUB
WEIGHT 363G
SPOKE HOLES 16 20 28 36
GAUGE 14
O.L.D 112/114
AXLE 3/8X165、180、190、195、200
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 57



S-CLUB

433

STEEL J-HOOK HUB
WEIGHT 200G
SPOKE HOLES 28 32 36
GAUGE 14
O.L.D 94/100
AXLE 3/8X135、140、145
AXLE MATERIAL CRMO
P.C.D 38



S-CLUB

434

STEEL J-HOOK HUB
WEIGHT 332G
SPOKE HOLES 28 32 36
GAUGE 14
O.L.D 126/130
AXLE 3/8X170、175、180、185、190
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 57
OFFSET 6.5



	S	SL	SP
PRO ⁺			
PRO			
TEAM	D083SB A551SB		
ELITE	A215SB A011SB-BO F316SBT		
CLUB	A215		



S-TEAM

D083SB

ALLOY J-HOOK DISC HUB
WEIGHT 187G
SEALED BEARING 2
SPOKE HOLES 20 24 28 32
GAUGE 14
O.L.D 74
AXLE 9
AXLE MATERIAL CRMO
P.C.D 58
F.T.F 36.4



S-TEAM

A551SB

ALLOY J-HOOK DISC HUB
WEIGHT 70G
SEALED BEARING 2
SPOKE HOLES 20 24
GAUGE 14
O.L.D 74
AXLE 9
AXLE MATERIAL ALLOY
P.C.D 30
F.T.F 48.4



S-ELITE

A215SB

ALLOY J-HOOK HUB
WEIGHT 112G
SEALED BEARING 2
SPOKE HOLES 20 28
GAUGE 14
O.L.D 74
AXLE 9X74
AXLE MATERIAL CRMO
P.C.D 38
F.T.F 48



S-ELITE

A011SB-BO

ALLOY J-HOOK HUB
WEIGHT 100G
SEALED BEARING 2
SPOKE HOLES 12
GAUGE 14
O.L.D 74 82 92
AXLE 9
AXLE MATERIAL CRMO
P.C.D 30
F.T.F 42.7



S-ELITE

F316SBT

ALLOY J-HOOK HUB
WEIGHT 335G
SEALED BEARING 2
SPOKE HOLES 20 28
GAUGE 14
O.L.D 80
AXLE 3/8X118 、135
AXLE MATERIAL CRMO
P.C.D 45
F.T.F 48
OFFSET 8
PAWLS 2



S-CLUB

A215

ALLOY J-HOOK HUB
WEIGHT 173G
SEALED BEARING 2
SPOKE HOLES 20 28
GAUGE 14
O.L.D 74
AXLE 3/8X115 、120
AXLE MATERIAL CRMO
P.C.D 38
F.T.F 48



MOLD	OLD	PITCH	B++1	THREAD LENGTH	WITH NUT	SYSTEM
ROAD (TA12)	100	M12XP1.5	120	12		
		M12XP1.5	121.5	13.5		SHIMANO
		M12XP1.5	125	16		SRAM
		M15XP1.5	125	16		SRAM
	142	M12XP1.5	163.5	13.5		SHIMANO
MTB (TA15) (TA12)	100	M14XP1.5	145	16	✓	FOX
		M15XP1.5	150	20		SRAM
	142	M12XP1.5	165	18		SHIMANO
		M12XP1.0	166	20	✓	SYNTACE
						DTSWISS
		M12XP1.75	167	20		SRAM
		M12XP1.5	170	18	✓	SHIMANO
		M12XP1.5	172	18	✓	SHIMANO
		M12XP1.75	174	20		SRAM
	148	M12XP1.5	178	18	✓	SHIMANO
		M12XP1.75	180	20		SRAM
FAT BIKE (TA15) (TA12)	150	M15XP1.5	199	12		ROCKSHOX
	197	M12XP1.5	227	18	✓	SHIMANO
		M12XP1.75	229	20		SRAM

STANDARD

QR270

F 53 G R 58 G



STANDARD

QR274

F 52 G R 57 G



STANDARD

QR279

F 47 G R 52 G



STANDARD

QR249

F 40 G R 45 G



STANDARD

QR227

F 54 G R 58 G



STANDARD

QR216

F 31 G R 36 G



M9/M10

QR279

F 78 G R 109 G



TA

TA12

43 G



TA

TA15

56 G



TA

QR264

F 79 G R 93 G



TA

QR269

F 64 G R 76 G



TA

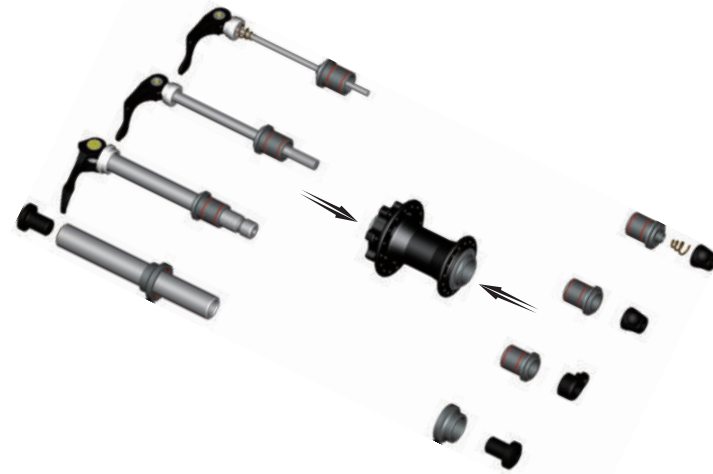
QR278

47 G



MULTI AXLE SYSTEM-FRONT

MULTI AXLE SYSTEM QR / 09 / 12 / 15
FOUR IN ONE SYSTEM, ALLOWING CONVERSION BETWEEN QR, 09, 12 & 15 AXLES FOR FRONT HUBS.
MOST VARIABLE SYSTEM FOR WIDE RANGE OF USING EASY INTERCHANGEABLE PARTS.



MULTI AXLE SYSTEM
ALLOWING CONVERSION BETWEEN STANDARD QR, 09, 12, 15



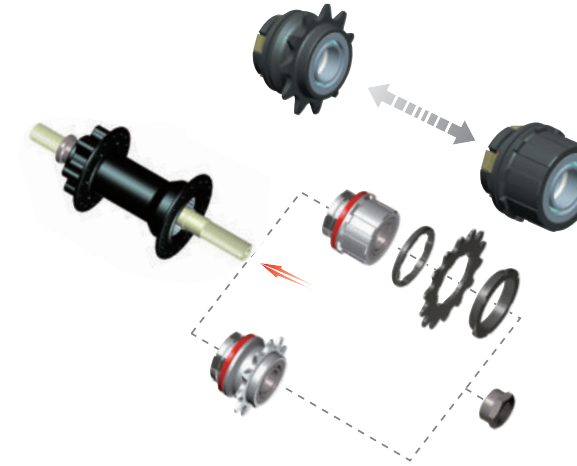
MULTI AXLE SYSTEM-REAR

MULTI AXLE SYSTEM QR / 10 / 12 / X12
FOUR IN ONE SYSTEM, ALLOWING CONVERSION BETWEEN QR, 10, 12 & X12 AXLES FOR REAR HUBS.
MOST VARIABLE SYSTEM FOR WIDE RANGE OF USING EASY INTERCHANGEABLE PARTS.



2 IN 1 SYSTEM

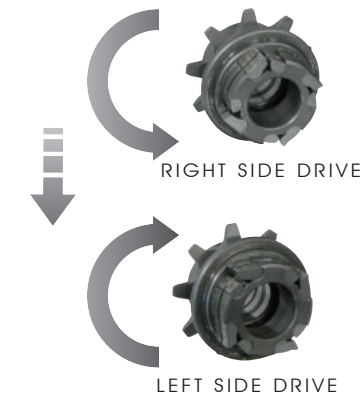
TWO IN ONE SYSTEM FOR DIRT JUMP
TWO IN ONE SYSTEM ALLOWS FOR EASY INTERCHANGE BETWEEN FREEWHEEL AND DRIVE UNIT



LEFT - RIGHT DRIVE

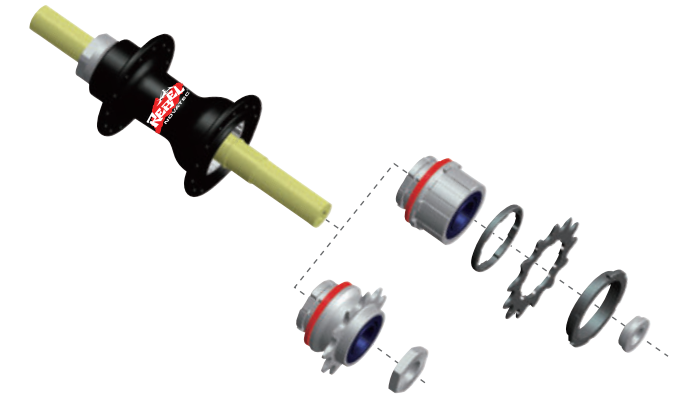
LEFT - RIGHT DRIVE FOR BMX
LEFT- RIGHT DRIVE SYSTEM WITH SPECIAL RATCHET RINGS ALLOW YOU TO CHANGE FROM RIGHT SIDE DRIVE TO LEFT SIDE DRIVE.

TW PATENT NO : M376441
EU PATENT NO : NR202011004253.7



LEFT - RIGHT DRIVE

ONE MODEL TWO SYSTEM FOR BMX
FLEXIBLE SYSTEM ALLOW YOU TO CHOOSE THE NUMBER OF TEETH EASY TO CHANGE IN BETWEEN CASSETTE & DRIVE UNIT THE SYSTEM IS APPLICABLE FOR ANY REAR BMX 4SB HUB



COMPONENTS



SPROCKET SLS
16T, 17T, 18T
TW PATENT
NO : M377343



LOCK RING AL



WATER
RESISTANT



SEAL



SEALED
BEARING



SIDE CAP



SPACER



RATCHET RING
SCM415 18G



5 PAWLS FOR MTB + SPRING
4 PAWLS FOR MTB + SPRING
3 PAWLS FOR ROAD + SPRING

TSE/TA-TSE/TSBT/TA-TSB
2 PAWLS WITH 15T LOOSE BALL/SEALED BEARINGS CASSETTE BODY



SMALL INNER Ø

WIDER INNER Ø

F2-333
3 PAWLS WITH 33T 2 SEALED BEARINGS CASSETTE BODY



MS FREEHUB AND AXLE SET
SHIMANO MICRO SPLINE CASSETTE BODY AND AXLE SET



R642
6 PAWLS WITH 42T 2 SEALED BEARINGS OD17 CASSETTE BODY



NEW
CAMPAGNOLO EKAR-13S
CAMPAGNOLO EKAR 13S CASSETTE BODY



ROAD
A.B.G ANTI BITE GUARD
A REINFORCED STEEL RIB INTEGRATED INTO ALLOY CASSETTE BODY SPLINES TO MITIGATE DAMAGE FROM DRIVE FORCES



TW PATENT NO. M382208
JP PATENT NO. 3159796
DE PATENT NO. 2020100001830.7
CN PATENT NO. ZL201020115939.X
USA PROCESS NO. 12/702.689

A327
3 PAWLS WITH 27T 2 SEALED BEARINGS OD12 CASSETTE BODY



B427/B2-427
4 PAWLS WITH 27T 2 SEALED BEARINGS OD15 CASSETTE BODY



LIGHT WEIGHT

E440
4 PAWLS WITH 40T 2 SEALED BEARINGS OD17 CASSETTE BODY



ROAD
EASY 3 IN 1 SYSTEM
HUB CONTAINS EVERY PARTS TO INTERCHANGE SHIM/SRAM/CAMPY CONVERSION BETWEEN:
SHIMANO 8/9/10/11S
SRAM XDR DRIVER
CAMPAGNOLO 9/10/11/12S



SHIMANO / SRAM



SRAM XDR DRIVER



CAMPAGNOLO

CASSETTE BODY

PART NUMBER	FREEHUB TYPE	HUB MODELS	MATERIALS	SYSTEM	NOTICE
P012-0048	A-327	F172SB-11S	ALLOY	SHIMANO-11S	
P012-0095				SRAM XDR	BLACK
P012-0066	B-427	F482SB-11S	ALLOY	SHIMANO-11S	W/1.5MM WASHER
		D792SB-11S			
		D792SB-11S	STEEL		
P012-0042		F482SB-XDR	ALLOY	SRAM XDR	
P012-0010		D792SB-XDR			
P012-0251		D792SB-C13			
P019-0013	E-440	D902SB-B12-A4A-MS	ALLOY	SHIMANO-12S	W/ALLOY ALEX
P019-0019		D902SB-CL-X12-A4A-MS			
P019-0026		D902SB-B12-S4S-MS	STEEL		W/STEEL ALEX
P012-0088		D902SB-B12-11S	ALLOY	SHIMANO-11S	BLACK,W/1.5MM WASHER
P012-0092		D902SB-B12-S11		SRAM XD	
P012-0096		D902SB-B12-11S	STEEL	SHIMANO-11S	BLACK,W/1.5MM WASHER
P012-0091		D902SB-B12-S11		SRAM XD	
P012-0070	B2-427	F482SB-SL-11S	ALLOY	SHIMANO-11S	W/1.8MM WASHER
		FS522SB-11S			
		D142SB-11S			

CASSETTE BODY SYSTEM

PART NUMBER	FREEHUB TYPE	HUB MODELS	MATERIALS	SYSTEM	NOTICE
P019-0011	F2-333	D462SB-SL-X12-MS/D162SB	STEEL	SHIMANO-12S	W/STEEL ALEX
P019-0017		D462SB-SL-B12-MS/D162SB			
P012-0014		D462SB-11S/D162SB-11S		SHIMANO-11S	W/1.5MM WASHER
P012-0028		D462SB-S11/S162SB-S11		SRAM XD	
P012-0058	R-642	XD642SB-ABG	ALLOY	SHIMANO	6 PAWLS ENGAGEMENT
P012-0094		XD642SB-S11		SRAM XD	6 PAWLS ENGAGEMENT
P041-0036	TSE	D762TSE	STEEL	SHIMANO	
		F362TSE			
		F364TSE			
		D144TSE			
P041-0039		D762TSE-11S		SHIMANO-11S	
		F362TSE-11S			
		F364TSE-11S			
		D144TSE-11S			
P041-0044	TA-TSE	D952TSE-B12	STEEL	SHIMANO-10S	
P041-0037		D952TSE-B12-11S		SHIMANO-11S	
P041-0002	TSBT	D762TSBT	STEEL	SHIMANO-10S	
P041-0043		F362TSBT		SHIMANO-11S	
		D762TSBT-11S			
		F362TSBT-11S			
P041-0041	TA-TSB	D952TSB-B12	STEEL	SHIMANO-10S	
P041-0042		D982TSB-X12-11S		SHIMANO-11S	

SYSTEM

GLOBAL

AUSTRALIA WHEELSETS / HUBS

BICYCLE PARTS WHOLESALE
ADDRESS: 76-80 Micro Circuit, Dandenong. Vic 3175 Australia
TEL: +61-3-9702 9044
FAX: +61-3-9702 9144
E-MAIL:sales@bicyclepartswholesale.com.au
WEB:www.bicyclepartswholesale.com.au

AUSTRIA (EU) WHEELSETS / HUBS

MESSINGSCHLAGER GmbH & Co. KG
ADDRESS: Hassbergstrasse 45, D 96148 Baunach, Germany
TEL: +49-9544 944 445
FAX: +49-9544 944 440
E-MAIL:info@messingschlager.com
WEB:www.novatec.messingschlager.com

ARGENTINA WHEELSETS

FERRARIS SRL
ADDRESS: Piedras 1321/23 (C1140ABC), Buenos Aires, Argentina
TEL/Fax: 54-11-4307-6723/6013
E-MAIL:ventas@ferrarissrl.net

BELGIUM HUBS

Dewo-Europe NV
ADDRESS: Steenstraat 16, 1570 Vollezele, Belgium
TEL: +32 - 54 56 79 81
FAX: +32 - 54 56 70 99
E-MAIL:info@dewo-europe.com
WEB:www.dewo-europe.com

CHILE HUBS

OXFORD S.A.
ADDRESS: Orden De Malta 1434, Providencia Santiago, Chile
TEL: +56-463 2000
FAX: +56-2-235 7332
E-MAIL:vheresmann@oxford.cl
WEB:www.oxford.cl

CHINA WHEELSETS / HUBS

JOY INDUSTRIAL(SHEN ZHEN) CO., LTD.
ADDRESS: Chuang Ye Road 12, The Third Industrial
Zone, Shui Tian Shi Yan Town, Bao An ShenZhen, China (518108)
TEL: +86-755-2968 4800
FAX: +86-7552968 4727
E-MAIL:szsales@joy-tech.com.tw

CZECH REP. (EU) HUBS

DEMA Senica, a.s.
ADDRESS: DIha 248, 905 01 Senica, Slovakia
TEL: +421-34-6945 240
FAX: +421-34-6945 102
E-MAIL:sport@dema.sk
WEB:www.dema.sk

GERMANY (EU) WHEELSETS / HUBS

MESSINGSCHLAGER GmbH & Co. KG
ADDRESS: Hassbergstrasse 45, D 96148 Baunach, Germany
TEL: +49-9544 944 445
FAX: +49-9544 944 440
E-MAIL:info@messingschlager.com
WEB:www.novatec.messingschlager.com

HUNGARY (EU) WHEELSETS / HUBS

NEUZER KFT.
ADDRESS: H-2500 Esztergom, Eotvos U.48, Hungary
TEL: +36-33-500 580
FAX: +36-33-411 116
E-MAIL:info@neuzer.hu
WEB:www.neuzer-bike.hu

INDIA WHEELSETS / HUBS

ENSIGN SPORTS
ADDRESS: 502 HILL Glade, Pali Road, Opposite HDFC Bank,
Bandra West, Mumbai 400050, India
TEL: +91 9619679199
E-MAIL: contact@ensignsports.com
WEB: https://www.ensignsports.com

INDONESIA WHEELSETS

PT BINTANG TIMUR
ADDRESS: Jl. Anggrek Neli Murni No. 114 Slipi Jakarta Barat 11480,
Indonesia
TEL: +6221-6300555
E-MAIL:sales@bintang-timur.com

ISRAEL WHEELSETS

MOTOFAN SAHAR 2002 LTD.
ADDRESS: Arie Regev 17 Netanya 42502, ISRAEL
TEL: +972-9-885-6602
WEB:https://moto-ofan.co.il/

JAPAN WHEELSETS

YOSHIKAWA MFG. CO., LTD.
ADDRESS: 4-14-28 Gamo, Koshigaya, Saitama, 343-0838, Japan
TEL: +81-48-990-1735
FAX: +81-48-990-1736
E-MAIL:info@ysb-brake.co.jp
WEB:www.actionsports.co.jp

MACEDONIA HUBS

CYCLO MANIA INT.doo
ADDRESS: Radnoti Miklos 2, 21235 Temerin, Vojvodina, Serbia
TEL: +381-69-5500777
E-MAIL:office@cyclo-mania.com
WEB:www.cyclo-mania.com

MALAYSIA WHEELSETS

HUAN SCHEN Sdn. Bhd.
ADDRESS: No.12, Jalan TIAJ 2/5, Taman Industri Alam Jaya,
Bukit Chera, 42300 Selangor, Malaysia
TEL: +603 6038 6788
FAX: +603 6038 9788
E-MAIL:huanschen@gmail.com or info@huanschen.com.my
WEB:www.huanschen.com.my

MONTENEGRO HUBS

CYCLO MANIA INT.doo
ADDRESS: Radnoti Miklos 2, 21235 Temerin, Vojvodina, Serbia
TEL: +381-69-5500777
E-MAIL:office@cyclo-mania.com
WEB:www.cyclo-mania.com

PERU WHEELSETS

DISARVA ASOCIADOS S.R.L.
ADDRESS: JR.Helio 5695 URB. Industrial Infantas Los Olivos JR.Luna
Pizarro 120 La Victoria-Lima, Peru
TEL: +511-528 8801
FAX: +511-544 3038
E-MAIL:cesarbautista@disarva.net
WEB:www.disarva.com

PHILIPPINES WHEELSETS

HATCH MOTO PRO CORP.
ADDRESS : #51 Guirayan St., Brgy. Dona Imelda Quezon City, Philippines
FAX: +(0632) 713-5083
CEL: +639175373612
E-MAIL:hatchmp@gmail.com

POLAND (EU) WHEELSETS / HUBS

SPEEDER
ADDRESS: Ul. Polna 5, 62-095 Murowana Goslina, Poland
TEL: +48-61 812 2051
FAX: +48-61 811 3034
E-MAIL:biuro@speeder.com.pl
WEB:www.speeder.com.pl

ROMANIA (EU) HUBS

DHS BIKE PARTS s.r.l.
ADDRESS: Str.Santuhalm 35A, 330004 Deva City, Romania
TEL: +40-372 777 999
FAX: +40-372 872 651
E-MAIL:office@dhsbikeparts.ro / comenzionline@dhsbikeparts.ro
WEB:www.dhsbikeparts.ro

RUSSIA HUBS

VELOOLIMP
ADDRESS: Elektrodnyaya Ul., D.2, Str12-14, Moscow, 111524, Russia
TEL/FAX: +7-495-788 1952
E-MAIL:veloolimp@gmail.com / shop@veloolimp.com
WEB:https://veloolimp.com/

SERBIA HUBS

CYCLO MANIA INT. doo
ADDRESS: Radnoti Miklos 2, 21235 Temerin, Vojvodina, Serbia
TEL: +381-69-5500777
E-MAIL:office@cyclo-mania.com
WEB:www.cyclo-mania.com

SINGAPORE WHEELSETS / HUBS

THE PM CYCLES
ADDRESS: Changi Logistic Center, 19 Loyang Way #03-03, Singapore 508724
TEL:+65 6962 6982 / +65 8904 7021
E-MAIL: sales@thepmcycles.com
WEB: https://thepmcycles.com/

SLOVAKIA (EU) HUBS

DEMA Senica, a.s.
ADDRESS: DIha 248, 905 01 Senica, Slovakia
TEL: +421-34-6945 240
FAX: +421-34-6945 102
E-MAIL:sport@dema.sk
WEB:www.dema.sk

SOUTH KOREA WHEELSETS / HUBS

SBI Sports
ADDRESS: B1, 656, Gaepo-ro, Gangnam-gu, Seoul, Republic of Korea
TEL:+82-02-2088-5580
FAX:+82-070-8224-5580
WEB:https://www.sbisports.co.kr/

THAILAND WHEELSETS

P.T.T. PROGRESS CO., LTD
ADDRESS: 40/577 Moo 10 Rama 2 Rd., Bangmod Jomthong
Bangkok 10150 Thailand
TEL: +66 2452 0940 - 1
FAX: +66 2452 1072
MOBILE: +66 81 810 2911
E-MAIL:wcibike@yahoo.com
UKRAINE HUBS

SPORTSYSTEMS
ADDRESS: Kiev Region,Pershogo Travnja str., 49, Novi Petrivci 07354,
Vyshgorod District,Ukraine
TEL: +380-44-585 7035
FAX: +380-44-585 7036
E-MAIL:vtkhoryk@sportsys.com.ua

URUGUAY WHEELSETS / HUBS

AIKeus S.A.
ADDRESS: Rondeau 1847,Uruguay
TEL: 0059829249695
E-MAIL:contaco@scott-montevideo.com.uy
WEB:http://www.scott-montevideo.com.uy

USA WHEELSETS / HUBS

BIKE FETTISH
ADDRESS: 3943 Irvine Blvd Ste 295, Irvine, CA 92563, USA
TEL: +1 (951) 817-7741
E-MAIL:sales@bikefettish.com
WEB:www.bikefettish.com



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