

E-BIKE BIBLE



E-BIKE BIBLE

E-bikes have become a popular option for all types of cycling.

FSA is ready with a range of drivetrain components for most E-bike motor systems (Bosch, Brose, Yamaha, Fazua, Shimano, Bafang and Polini), including crank arms, sprockets, spiders, chainrings and chain guards.

As with all FSA components, our E-bike parts are designed with the latest technologies and made with the best materials for a lifetime of trouble-free riding enjoyment.

Rigorous Testing: Setting New Quality Standards

FSA developed its own testing machines and procedures to ensure the highest reliability for its products, subjecting every component to extreme conditions.

- *FATIGUE TEST*
- *SALT SPRAY TEST*
- *MUD TEST*

FSA's custom testing processes exceed industry requirements, providing manufacturers with optimized components that guarantee long-lasting performance and reliability. This minimizes the risk of component failure and reduces maintenance costs.

HOW TO CHOOSE THE CORRECT E-BKE SPARE PART

MOTOR BRAND

CHECK THE MODEL

CHECK THE Q-FACTOR

CHOOSE THE CRANKARM

CHECK THE MATERIAL

CHECK THE INTERFACE

CHOOSE THE SPIDER

CHECK THE INTERFACE

CHECK THE OFFSET

CHECK THE MATERIAL

CHOOSE THE CHAINRING

CHECK THE INTERFACE

CHECK THE TEETH

CHECK THE MATERIAL

CRANKARM

<i>MOTOR COMPATIBILITY CHART</i>	<i>page.04</i>
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<i>CRANKARM</i>	<i>page.12</i>
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SPIDERS

<i>SPIDERS</i>	<i>page.25</i>
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CHAINRINGS

<i>DIRECT-MOUNT CHAINRINGS</i>	<i>page.33</i>
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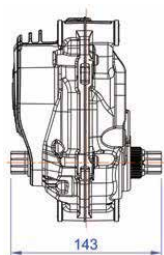
<i>V-SHAPE 1x</i>	<i>page.38</i>
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<i>BCD 110</i>	<i>page.39</i>
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<i>BCD 104</i>	<i>page.39</i>
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BOSCH BDU38

SPINDLE LENGHT: 68.5/68.5=137 (ISIS)



CK-9011/IS

Q.Factor: 179mm

Page .12

CK-702/IS

Q.Factor: 183mm

Page .13

CK-762/IS

Q.Factor: 183mm

Page .14

CK-762/IS/wider

Q.Factor: 193mm

Page .14

CK-745/IS

Q.Factor: 193mm

Page .15

CK-220/IS

Q.Factor: 177mm

Page .18

CK-220/IS/wider

Q.Factor: 194mm

Page .18

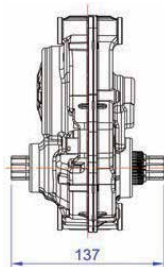
CK-320/IS

Q.Factor: 197mm

Page .19

BOSCH BDU31(SX)

SPINDLE LENGHT: 68.5/68.5=137 (ISIS)



CK-9011/IS

Q.Factor: 173mm

Page .12

CK-703/IS/SX

Q.Factor: 167mm

Page .12

CK-745/IS

Q.Factor: 184mm

Page .15

CK-220/IS

Q.Factor: 188mm

Page .18

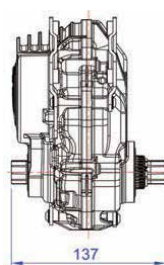
CK-220/IS/wider

Q.Factor: 171mm

Page .18

BOSCH GEN 4

SPINDLE LENGHT: 68.5/68.5=137 (ISIS)



CK-9011/IS

Q.Factor: 173mm

Page .12

CK-702/IS

Q.Factor: 177mm

Page .13

CK-762/IS

Q.Factor: 177mm

Page .14

CK-762/IS/wider

Q.Factor: 187mm

Page .14

CK-745/IS

Q.Factor: 184mm

Page .15

CK-220/IS

Q.Factor: 171mm

Page .18

CK-220/IS/wider

Q.Factor: 188mm

Page .18

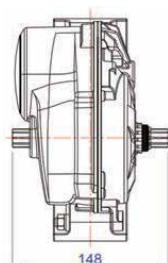
CK-320/IS

Q.Factor: 188mm

Page .19

BOSCH GEN 3

SPINDLE LENGHT: 74/74=148 (Gen3)



CK-702/Gen3

Q.Factor: 187mm

Page .13

CK-200/Gen3

Q.Factor: 181mm

Page .04

CK-762/Gen3

Q.Factor: 187mm

Page .04

CK-400/Gen3

Q.Factor: 194mm

Page .04

CK-762/Gen3/wid.

Q.Factor: 197mm

Page .04

CK-220/Gen3

Q.Factor: 181mm

Page .17

CK-602/Gen3

Q.Factor: 187mm

Page .17

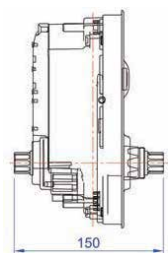
CK-320/Gen3

Q.Factor: 198mm

Page .04

brose

SPINDLE LENGHT: 79/71=150 (ISIS)



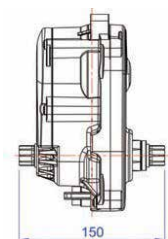
CK-746/IS

Q.Factor: 181mm

Page .15

brose MAG

SPINDLE LENGHT: 75/75=150 (ISIS)



CK-702/IS

Q.Factor: 190mm

Page .13

CK-746-2/IS

Q.Factor: 189mm

Page .16

CK-762/IS

Q.Factor: 190mm

Page .14

CK-220/IS

Q.Factor: 184mm

Page .18

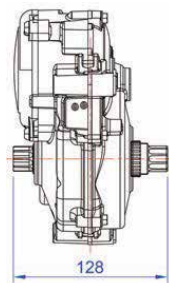
CK-746-1/IS

Q.Factor: 173mm

Page .16

YAMAHA PW-X2 & PW-X3 / PW-S2 / PW-XW

SPINDLE LENGTH: 64/64=128 (ISIS)



CK-9011/IS

Q.Factor: 164mm

Page .12

CK-746-2/IS

Q.Factor: 166mm

Page .16

CK-762/IS

Q.Factor: 167mm

Page .14

CK-758/IS

Q.Factor: 174mm

Page .22

CK-762/IS/wider

Q.Factor: 177mm

Page .14

CK-220/IS

Q.Factor: 161mm

Page .18

CK-745/IS

Q.Factor: 174mm

Page .15

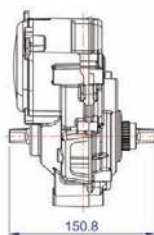
CK-320/IS

Q.Factor: 178mm

Page .19

YAMAHA PW series ST / TE / CE / C2

SPINDLE LENGTH: 76.2/74.6=150.8 (JIS)



CK-746-2/JIS

Q.Factor: 188mm

Page .21

CK-758/JIS

Q.Factor: 206mm

Page .22

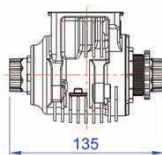
CK-220/JIS

Q.Factor: 183mm

Page .23

FAZURA Ride 60

SPINDLE LENGTH: 67.5/67.5=135 (ISIS)



CK-703

Q.Factor: 171mm

Page .20

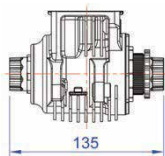
CK-730

Q.Factor: 174mm

Page .23

FAZUA Ride 50

SPINDLE LENGTH: 67.5/67.5=135 (ISIS)



CK-9011/IS

Q.Factor: 172mm

Page .12

CK-746-2/IS

Q.Factor: 174mm

Page .16

CK-8685-1/IS

Q.Factor: 169mm

Page .20

CK-320/IS

Q.Factor: 174mm

Page .19

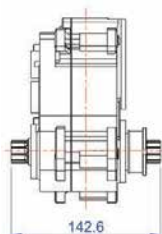
CK-746-1/IS

Q.Factor: 158mm

Page .16

Nidec B900

SPINDLE LENGTH: 71.3/71.3=144 (ISIS)



CK-9011/IS

Q.Factor: 179mm

Page .12

CK-745/IS

Q.Factor: 190mm

Page .15

CK-703/IS

Q.Factor: 173mm

Page .12

CK-220/IS

Q.Factor: 177mm

Page .18

CK-702/IS

Q.Factor: 183mm

Page .13

CK-220/IS/wider

Q.Factor: 194mm

Page .18

CK-762/IS

Q.Factor: 183mm

Page .14

CK-320/IS

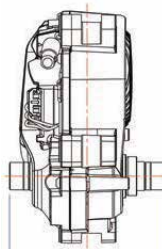
Q.Factor: 194mm

Page .19

SHIMANO® EP800/ EP8000

SPINDLE LENGTH: EP800 67.3/67.3=134.6 (SMN)

EP8000 71.3/71.3=142.6 (SMN)



EP800

CK-752

Q.Factor: 173mm

Page .24

EP8000

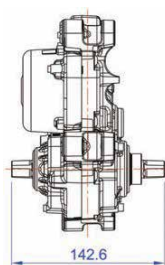
CK-751

Q.Factor: 181mm

Page .24

SHIMANO® EP5000

SPINDLE LENGHT: 71.3/71.3=142.6 (JIS)



CK-745/JIS Page .21

Q.Factor: 188mm

CK-746-2/JIS Page .21

Q.Factor: 180mm

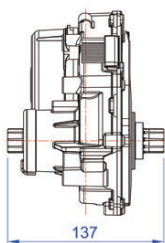
CK-758/JIS Page .22

Q.Factor: 198mm



137

SPINDLE LENGHT: 76.2/74.6=150.8 (JIS)



CK-762/IS Page .14

Q.Factor: 177mm

CK-746-1/IS Page .16

Q.Factor: 160mm

CK-746-2/IS Page .16

Q.Factor: 176mm

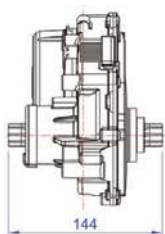
CK-220/IS Page .18

Q.Factor: 171mm



144

SPINDLE LENGHT: 76.2/74.6=150.8 (JIS)



CK-762/IS Page .14

Q.Factor: 184mm

CK-762/IS/wider Page .14

Q.Factor: 194mm

CK-746-1/IS Page .16

Q.Factor: 167mm

CK-746-2/IS Page .16

Q.Factor: 183mm

CK-758/IS Page .22

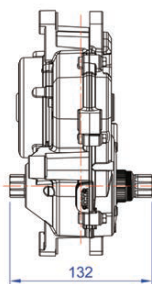
Q.Factor: 203mm

CK-320/IS Page .19

Q.Factor: 195mm

SACHS

SPINDLE LENGHT: 66/66=132 (ISIS)



CK-762/IS

Q.Factor: 175mm

Page .14

CK-746-2/IS

Q.Factor: 174mm

Page .16

CK-745/IS

Q.Factor: 182mm

Page .15

CK-220/IS

Q.Factor: 169mm

Page .18

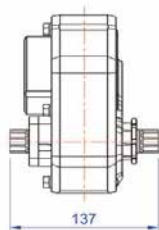
CK-746-1/IS

Q.Factor: 158mm

Page .16

OLI M065

SPINDLE LENGHT: 68.5/68.5=137 (ISIS)



CK-702/IS

Q.Factor: 175mm

Page .13

CK-220/IS

Q.Factor: 169mm

Page .18

CK-762/IS

Q.Factor: 175mm

Page .14

CK-220/IS/wider

Q.Factor: 186mm

Page .18

CK-762/IS/wider

Q.Factor: 185mm

Page .14

CK-320/IS

Q.Factor: 186mm

Page .19

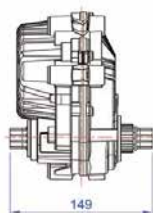
CK-745/IS

Q.Factor: 182mm

Page .15



SPINDLE LENGHT: 68.5/68.5=137 (ISIS)



CK-9011/IS

Q.Factor: 169mm

Page .12

CK-745/IS

Q.Factor: 195mm

Page .15

CK-702/IS

Q.Factor: 188mm

Page .13

CK-220/IS

Q.Factor: 182mm

Page .18

CK-762/IS

Q.Factor: 188mm

Page .14

CK-220/IS/wider

Q.Factor: 199mm

Page .18

CK-762/IS/wider

Q.Factor: 198mm

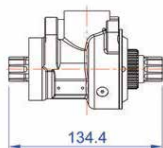
Page .14

CK-320/IS

Q.Factor: 199mm

Page .19

SPINDLE LENGTH: 68.3/66.1=134.4 (ISIS)

**CK-9011/IS**

Q.Factor: 169mm

Page .12

CK-703/IS

Q.Factor: 163mm

Page .12

CK-8685-1/IS

Q.Factor: 166mm

Page .20

CK-702/IS

Q.Factor: 172mm

Page .13

CK-762/IS

Q.Factor: 172mm

Page .14

CK-762/IS/wider

Q.Factor: 182mm

Page .14

CK-745/IS

Q.Factor: 180mm

Page .15

CK-746-1/IS

Q.Factor: 155mm

Page .16

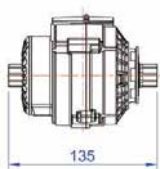
CK-746-2/IS

Q.Factor: 171mm

Page .16

HPR50

SPINDLE LENGTH: 67.5/67.5=135 (ISIS)

**CK-9011/IS**

Q.Factor: 172mm

Page .12

CK-703/IS

Q.Factor: 165mm

Page .12

CK-8685-1/IS

Q.Factor: 169mm

Page .20

CK-702/IS

Q.Factor: 175mm

Page .13

CK-762/IS

Q.Factor: 175mm

Page .14

CK-762/IS/wider

Q.Factor: 185mm

Page .14

CK-745/IS

Q.Factor: 182mm

Page .15

CK-746-1/IS

Q.Factor: 158mm

Page .16

CK-746-2/IS

Q.Factor: 174mm

Page .16

CK-220/IS

Q.Factor: 169mm

Page .18

CK-220/IS/wider

Q.Factor: 186mm

Page .18

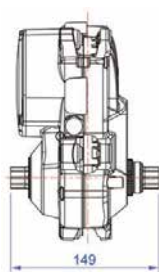
CK-320/IS

Q.Factor: 186mm

Page .19

Askoll

SPINDLE LENGTH: 77.6/71.4=149 (ISIS)



CK-9011/IS

Q.Factor: 180mm

Page .12

CK-746-1/IS

Q.Factor: 170mm

Page .16

CK-8685-1/IS

Q.Factor: 182mm

Page .20

CK-746-2/IS

Q.Factor: 186mm

Page .16

CK-702/IS

Q.Factor: 190mm

Page .13

CK-220/IS

Q.Factor: 179mm

Page .18

CK-762/IS

Q.Factor: 188mm

Page .14

CK-220/IS/wider

Q.Factor: 197mm

Page .18

CK-762/IS/wider

Q.Factor: 195mm

Page .14

CK-320/IS

Q.Factor: 197mm

Page .19

CK-745/IS

Q.Factor: 199mm

Page .15

KFX CK-9011/IS



MATERIAL *HOLLOW ALLOY*

INTERFACE ISIS drive

BOLTS 390-2040

CODE	LENGHT	WEIGHT
324-0065001050	160 mm	350 grams
324-0065002050	165 mm	
324-0065003050	170 mm	
324-0065005050	175 mm	

FSA CK-703/IS



MATERIAL *HOLLOW CARBON*

INTERFACE ISIS drive

BOLTS 390-2040

CODE	LENGHT	WEIGHT
324-0075003030	170 mm	273 grams
324-0075004030	172.5 mm	
324-0075005030	175 mm	

FSA CK-702/IS



MATERIAL *HOLLOW CARBON*

INTERFACE *ISIS drive*

BOLTS *390-0100000010*

CODE	LENGHT	WEIGHT
32400035001030	160 mm	311 grams
32400035002030	165 mm	
32400035003030	170 mm	
32400035005030	175 mm	

FSA CK-702/GEN3



MATERIAL *HOLLOW CARBON*

INTERFACE *BNI*

BOLTS *390-0055000150*

CODE	LENGHT	WEIGHT
324-0031003030	170 mm	311 grams
324-0031005030	175 mm	

FSA CK-762/IS



MATERIAL	AL6061
INTERFACE	ISIS drive
BOLTS	390-2040

CODE	LENGHT	WEIGHT
32400034001050	160 mm	450 grams
32400034002050	165 mm	
32400034005050	175 mm	

FSA CK-762/IS/WIDER



MATERIAL	AL6061
INTERFACE	ISIS drive
BOLTS	390-2040

CODE	LENGHT	WEIGHT
32400052002050	165 mm	450 grams
32400052003050	170 mm	
32400052005050	175 mm	

FSA CK-745/IS



MATERIAL AL6061

INTERFACE ISIS drive

BOLTS 390-2040

CODE	LENGHT	WEIGHT
324-0055002090	165 mm	477 grams
324-0055003090	170 mm	
324-0055005090	175 mm	

FSA CK-746/IS



MATERIAL AL6061

INTERFACE ISIS drive

BOLTS 390-2040

CODE	LENGHT	WEIGHT
32400029002050	165 mm	520 grams
32400029003050	170 mm	
32400029005050	175 mm	

FSA CK-746-1/IS



MATERIAL AL6061

INTERFACE ISIS drive

BOLTS 390-2040

**Note: This crank arms is specially designed for a narrow Q-Factor of 158mm, please check if frame spec is adequate.*

CODE	LENGHT	WEIGHT
32400017003090	170 mm	495 grams
32400017004090	172.5 mm	
32400017005090	175 mm	

FSA CK-746-2/IS



MATERIAL AL6061

INTERFACE ISIS drive

BOLTS 390-2040

CODE	LENGHT	WEIGHT
32400039002091	165 mm	477 grams
32400039003091	170 mm	
32400039005091	175 mm	

FSA CK-602/GEN3



MATERIAL AL6061

INTERFACE BNI

BOLTS 390-0055000150

CODE	LENGHT	WEIGHT
32400022002050	165 mm	444 grams
32400022003050	170 mm	
32400022004050	172.5 mm	
32400022005050	175 mm	

FSA CK-220/GEN3



MATERIAL ALLOY

INTERFACE BNI

BOLTS 390-0055000150

CODE	LENGHT	WEIGHT
32400041008260	155 mm	456 grams
32400041001260	160 mm	
324-0041002230	165 mm	
324-0041003230	170 mm	
324-0041005230	175 mm	

FSA CK-220/IS



MATERIAL	ALLOY
INTERFACE	ISIS drive
BOLTS	390-2040

CODE	LENGHT	WEIGHT
324-0054008230	155 mm	456 grams
324-0054001230	160 mm	
324-0054002230	165 mm	
324-0054003230	170 mm	
324-0054005230	175 mm	

FSA CK-220/IS/WIDER



MATERIAL	AL6061
INTERFACE	ISIS drive
BOLTS	390-2040

CODE	LENGHT	WEIGHT
324-0069008230	155 mm	456 grams
324-0069001230	160 mm	
324-0069002230	165 mm	
324-0069003230	170 mm	
324-0069005230	175 mm	

FSA CK-320/IS



MATERIAL ALLOY

INTERFACE ISIS drive

BOLTS 390-2040

CODE	LENGHT	WEIGHT
324-0046008260	155 mm	505 grams
324-0046001260	160 mm	
324-0046002260	165 mm	
324-0046003260	170 mm	
324-0046005260	175 mm	

FSA CK-320/GEN3



MATERIAL ALLOY

INTERFACE BNI

BOLTS 390-0055000150

CODE	LENGHT	WEIGHT
324-0044008260	155 mm	505 grams
324-0044001260	160 mm	
324-0044002260	165 mm	
324-0044003260	170 mm	
324-0044005260	175 mm	

FSA CK-703



MATERIAL *Hollow Carbon*

INTERFACE ETOR Drive

BOLTS 390-0139000010

CODE	LENGHT	WEIGHT
324-0076003030	170 mm	454 grams
324-0076004030	172.5 mm	
324-0076005030	175 mm	

FSA CK-8685-1/IS



MATERIAL *HOLLOW CARBON*

INTERFACE ISIS drive

BOLTS 390-0096000600

CODE	LENGHT	WEIGHT
32400026003030	170 mm	273 grams
32400026004030	172.5 mm	
32400026005030	175 mm	

FSA CK-745/JIS



MATERIAL AL6061

INTERFACE JIS

BOLTS 390-2030

CODE	LENGTH	WEIGHT
32400014003050	170 mm	477 grams
32400014005050	175 mm	

FSA CK-746-2/JIS



MATERIAL ALLOY

INTERFACE JIS

BOLTS 390-2030

CODE	LENGTH	WEIGHT
32400047002050	165 mm	460 grams
32400047003050	170 mm	
32400047005050	175 mm	

FSA CK-758/IS



MATERIAL AL6061

INTERFACE ISIS drive

BOLTS 390-2040

CODE	LENGTH	WEIGHT
324-0029008052	155 mm	477 grams
324-0029002052	165 mm	

FSA CK-758/JIS



MATERIAL AL6061

INTERFACE JIS

BOLTS 390-2030

CODE	LENGTH	WEIGHT
324-0061008051	155 mm	477 grams
324-0061002050	165 mm	

FSA CK-220/JIS



MATERIAL ALLOY

INTERFACE JIS

BOLTS 390-2030

CODE	LENGHT	WEIGHT
32400042008260	155 mm	460 grams
32400042001260	160 mm	
32400042002260	165 mm	
32400042003260	170 mm	
32400042005260	175 mm	

FSA CK-730



MATERIAL AL6061

INTERFACE ETOR Drive

BOLTS 390-0139000010

CODE	LENGHT	WEIGHT
324-0077002050	165 mm	454 grams
324-0077003050	170 mm	
324-0077005050	175 mm	

FSA CK-751



MATERIAL	AL6061
INTERFACE	SHIMANO
BOLTS	390-0101000010

CODE	LENGHT	WEIGHT
324-0040002050	165 mm	536 grams
324-0040003050	170 mm	

FSA CK-752



MATERIAL	AL6061
INTERFACE	SHIMANO
BOLTS	390-0101000010

CODE	LENGHT	WEIGHT
324-0068002050	165 mm	469 grams
324-0068003050	170 mm	
324-0068005050	175 mm	

BOSCH SX SPIDERS



1x SPIDER

CODE	MATERIAL	BCD	CHAINLINE	OFFSET	MODEL
38000446000050	AL6061	104 mm	50 mm	12.2 mm	W0151
38000447000050	AL6061	104 mm	53 mm	15.2 mm	W0152
380-0502000050	AL6061	104 mm	55 mm	15.2 mm	W0172

BOSCH GEN4 SPIDERS



1x SPIDER V-SHAPE

CODE	MATERIAL	BCD	CHAINLINE	OFFSET	MODEL
38000373000050	AL6061	104 mm	50 mm	5.2 mm	W0134
38000372000050	AL6061	104 mm	52 mm	8.2 mm	W0138
38000415000050	AL6061	104 mm	55 mm	9.9 mm	W0140



1x SPIDER - STEEL

CODE	MATERIAL	BCD	CHAINLINE	OFFSET	MODEL
38000413000050	Forged Steel	104 mm	50 mm	5.2 mm	W0146
38000411000010	Forged Steel	104 mm	53 mm	8.2 mm	W0147



1x SPIDER - ALLOY

CODE	MATERIAL	BCD	CHAINLINE	OFFSET	MODEL
38000446000050	AL6061	104 mm	50 mm	12.2 mm	W0151
38000447000050	AL6061	104 mm	53 mm	15.2 mm	W0152
380-0502000050	AL6061	104 mm	55 mm	15.2 mm	W0172

BOSCH GEN3 SPIDERS



1x SPIDER

CODE	MATERIAL	BCD	CHAINLINE	OFFSET	MODEL
38000293000050	AL6061	104 mm	50 mm	5.5 mm	W0120
38000295000050	AL6061	104 mm	52 mm	8.0 mm	W0121

BROSE SPIDERS



1x / 2x SPIDER 148

CODE	MATERIAL	BCD	CHAINLINE	MODEL
38000179000050	AL6061	104/64 mm	53.3 mm (1x) 51.9 mm (2x)	W0001



1x SPIDER 148

CODE	MATERIAL	BCD	CHAINLINE	MODEL
38000026000050	AL6061	104 mm	54.3 mm	W0108

1x SPIDER -  CARBON DRIVE

CODE	MATERIAL	BCD	CHAINLINE	MODEL
38000242000050	AL6061	104 mm	46.6 mm	W0063

BROSE MAG SPIDERS



1x SPIDER 157

CODE	MATERIAL	BCD	CHAINLINE	MODEL
38000179000050	AL6061	104/64 mm	57.3 mm	W0001



1x SPIDER 148

CODE	MATERIAL	BCD	CHAINLINE	MODEL
38000026000050	AL6061	104 mm	54.3 mm	W0108



1x SPIDER -  CARBON DRIVE

CODE	MATERIAL	BCD	CHAINLINE	MODEL
38000242000050	AL6061	104 mm	50.6 mm	W0063

YAMAHA PW - JIS SPIDERS



1x / 2x SPIDER 148

CODE	MATERIAL	BCD	CHAINLINE	MODEL
38000302000050	AL6061	104/64 mm	53 mm (1x) 51.6 mm (2x)	W0024



1x / 2x SPIDER

CODE	MATERIAL	BCD	CHAINLINE	MODEL
38000301000050	AL6061	104/64 mm	50 mm (1x) 48.6 mm (2x)	W0025



1x SPIDER -  CARBON DRIVE

CODE	MATERIAL	BCD	CHAINLINE	MODEL
380-0424000050	AL6061	104/64 mm	41.7 / 45.5 mm (SH)	W0139

YAMAHA PW-X - ISIS SPIDERS



1x / 2x SPIDER 148

CODE	MATERIAL	BCD	CHAINLINE	MODEL
380-0257000050	AL6061	104/64 mm	53 mm (1x) 51.5 mm (2x)	W0019



1x SPIDER 148

CODE	MATERIAL	BCD	CHAINLINE	MODEL
38000544000050	AL6061	104 mm	53 mm	W0171



1x SPIDER

CODE	MATERIAL	BCD	CHAINLINE	MODEL
38000543000050	AL6061	104 mm	50 mm	W0170

FAZUA RIDE60 SPIDERS



1x SPIDER

CODE	MATERIAL	BCD	CHAINLINE	OFFSET	MODEL
38000572000050	AL6061	104 mm	50 mm	16 mm	W0195
38000574000050	AL6061	104 mm	52 mm	13 mm	W0178
38000575000050	AL6061	104 mm	55 mm	10 mm	W0193

FAZUA SPIDERS



1x / 2x SPIDER

CODE	MATERIAL	BCD	CHAINLINE	MODEL
38000243000050	AL6061	110 mm	48,5 mm (1x) 50 mm (2x)	W0005



1x SPIDER 148

CODE	MATERIAL	BCD	CHAINLINE	MODEL
38000304000050	AL6061	104 mm	52 mm	W0058



1x SPIDER

CODE	MATERIAL	BCD	CHAINLINE	MODEL
38000256000050	AL6061	104 mm	49 mm	W0004



LOCKRING

CODE	DESCRIPTION
327-0045000122	CK E-BIKE Steel Lock Ring MLO97 FAZUA

SHIMANO EP800 SPIDERS



1x SPIDER

CODE	MATERIAL	BCD	CHAINLINE	OFFSET	MODEL
380-0519000051	AL6061	104 mm	50 mm	18 mm	W0169
380-0455000050	AL6061	104 mm	52 mm	20.5 mm	W0164
380-0527000050	AL6061	104 mm	55 mm	23 mm	W0174

SHIMANO EP8000 SPIDERS

*1x SPIDER*

CODE	MATERIAL	BCD	CHAINLINE	OFFSET	MODEL
380-0519000051	AL6061	104 mm	50 mm	18 mm	W0169
380-0455000050	AL6061	104 mm	52 mm	20.5 mm	W0164
380-0527000050	AL6061	104 mm	55 mm	23 mm	W0174

MAXON SPIDERS

*1x / 2x SPIDER*

CODE	MATERIAL	BCD	CHAINLINE	MODEL
380-0528000051	AL6061	110 mm	47 mm (1x) 47 mm (2x)	W0142

*1x SPIDER*

CODE	MATERIAL	BCD	CHAINLINE	MODEL
380-0561000051	AL6061	110 mm	52 mm	W0181

TQ HPR50 SPIDERS



2x SPIDER

CODE	MATERIAL	BCD	CHAINLINE	OFFSET	MODEL
38000579000050	AL6061	110 mm	47 mm	4 mm	W0192



1x SPIDER

CODE	MATERIAL	BCD	CHAINLINE	OFFSET	MODEL
38000576000051	AL6061	104 mm	50 mm	8.5 mm	W0188
38000566000050	AL6061	104 mm	52 mm	10.5 mm	W0189
38000577000050	AL6061	104 mm	55 mm	13.5 mm	W0190

OLI EDGE SPIDERS



1x SPIDER V-SHAPE

CODE	MATERIAL	BCD	CHAINLINE	OFFSET	MODEL
38000373000050	AL6061	104 mm	50 mm	5.2 mm	W0134
38000372000050	AL6061	104 mm	52 mm	8.2 mm	W0138
38000415000050	AL6061	104 mm	55 mm	9.9 mm	W0140



1x SPIDER - STEEL

CODE	MATERIAL	BCD	CHAINLINE	OFFSET	MODEL
38000413000050	Forged Steel	104 mm	50 mm	5.2 mm	W0146
38000411000010	Forged Steel	104 mm	53 mm	8.2 mm	W0147



1x SPIDER - ALLOY

CODE	MATERIAL	BCD	CHAINLINE	OFFSET	MODEL
38000446000050	AL6061	104 mm	50 mm	12.2 mm	W0151
38000447000050	AL6061	104 mm	53 mm	15.2 mm	W0152
380-0502000050	AL6061	104 mm	55 mm	15.2 mm	W0172

BOSCH SX DM CHAINRINGS



1x DM STEEL BOOST

CODE	TEETH	PROFILE (Chain)	CHAINLINE	DRIVETRAIN	MODEL
38000370002250	34 T	MEGATOOTH A* (3.5mm)	52 mm	11s	WB478
38000471003541	36 T	MEGATOOTH A* (3.5mm)	52 mm	11s	WB349
38000369004250	38 T	MEGATOOTH A* (3.5mm)	52 mm	11s	WB344
380-0483002540	34 T	MEGATOOTH SH12s	52 mm	SH 12S	WB604
380-0487003540	36 T	MEGATOOTH SH12s	52 mm	SH 12S	WB493
380-0488004540	38 T	MEGATOOTH SH12s	52 mm	SH 12S	WB605



1x DM STEEL + CHAINGUARD

CODE	TEETH	PROFILE (Chain)	CHAINLINE	DRIVETRAIN	MODEL
38000559000540	42 T	MEGATOOTH A* (3.5mm)	DM	11s	WB659A + W1174

**Note: All 9,10 and 11sp chains. 12sp Sram Eagle and KMC MTB. Sram 12sp Road*

BOSCH GEN4 DM CHAINRINGS



1x DM STEEL BOOST

CODE	TEETH	PROFILE (Chain)	CHAINLINE	DRIVETRAIN	MODEL
38000370002250	34 T	MEGATOOTH A* (3.5mm)	52 mm	11s	WB478
38000471003541	36 T	MEGATOOTH A* (3.5mm)	52 mm	11s	WB349
38000369004250	38 T	MEGATOOTH A* (3.5mm)	52 mm	11s	WB344
380-0483002540	34 T	MEGATOOTH SH12s	52 mm	SH 12S	WB604
380-0487003540	36 T	MEGATOOTH SH12s	52 mm	SH 12S	WB493
380-0488004540	38 T	MEGATOOTH SH12s	52 mm	SH 12S	WB605



1x DM STEEL

CODE	TEETH	PROFILE (Chain)	CHAINLINE	DRIVETRAIN	MODEL
38000560008540	42 T	MEGATOOTH A* (3.5mm)	DM	11s	WB659A



1x DM STEEL + CHAINGUARD

CODE	TEETH	PROFILE (Chain)	CHAINLINE	DRIVETRAIN	MODEL
38000559000540	42 T	MEGATOOTH A* (3.5mm)	DM	11s	WB659A + W1174

BOSCH GEN3 DM CHAINRINGS



1x DM STEEL BOOST

CODE	TEETH	PROFILE (Chain)	CHAINLINE	DRIVETRAIN	MODEL
380-0429001250	32 T	MEGATOOTH A* (3.5mm)	50 mm	11s	WB438
38000318004250	38 T	MEGATOOTH A* (3.5mm)	50 mm	11s	WB385
38000319006250	40 T	MEGATOOTH A* (3.5mm)	50 mm	11s	WB386
380-0436010250	44 T	MEGATOOTH A* (3.5mm)	50 mm	11s	WB463
380-0428001250	32 T	MEGATOOTH A* (3.5mm)	55 mm	11s	WB437
380-0426004250	38 T	MEGATOOTH A* (3.5mm)	55 mm	11s	WB429
380-0427006250	40 T	MEGATOOTH A* (3.5mm)	55 mm	11s	WB430
380-0421010250	44 T	MEGATOOTH A* (3.5mm)	55 mm	11s	WB462



1x DM STEEL + CHAINGUARD

CODE	TEETH	PROFILE (Chain)	CHAINLINE	DRIVETRAIN	MODEL
38000315018250	32 T	MEGATOOTH A* (3.5mm)	50 mm	11s	WB438
38000316000250	38 T	MEGATOOTH A* (3.5mm)	50 mm	11s	WB385
38000317004250	40 T	MEGATOOTH A* (3.5mm)	50 mm	11s	WB386
380-0432018250	32 T	MEGATOOTH A* (3.5mm)	55 mm	11s	WB437
380-0431002250	38 T	MEGATOOTH A* (3.5mm)	55 mm	11s	WB429
380-0430004250	40 T	MEGATOOTH A* (3.5mm)	55 mm	11s	WB430

**Note: All 9,10 and 11sp chains. 12sp Sram Eagle and KMC MTB. Sram 12sp Road*



LOCKRING

CODE	DESCRIPTION
39000103000050	CKSP E-BIKE Lock Ring BOSCH Gen3 ML588

BOSCH GEN2 SPROCKET



1x DM SPROCKET

CODE	TEETH	OFFSET	CHAINLINE	DRIVETRAIN	MODEL
32700031045250	14 T	2.5 mm	50-55 mm	11s	WA132
32700032029250	15 T	2.5 mm	50-55 mm	11s	WA133
32700033030250	16 T	2.5 mm	50-55 mm	11s	WA134
32700035028250	17 T	2.5 mm	50-55 mm	11s	WA135
32700036032250	18 T	2.5 mm	50-55 mm	11s	WA136
32700038031250	20 T	2.5 mm	50-55 mm	11s	WA138

FAZUA DM CHAINRINGS



1x DM STEEL

CODE	TEETH	PROFILE (Chain)	CHAINLINE	DRIVETRAIN	MODEL
32700054023050	34 T	MEGATOOTH A* (3.5mm)	-	11s	WA638



1x DM STEEL

CODE	TEETH	PROFILE (Chain)	CHAINLINE	DRIVETRAIN	MODEL
380-0442001050	42 T	MEGATOOTH A* (3.5mm)	-	11s	WA720



2x DM STEEL

CODE	TEETH	PROFILE (Chain)	CHAINLINE	DRIVETRAIN	MODEL
380-0443004050	48x32 T	-	DM-110mm	11s	-
38000474003050	46x33T	-	DM-110mm	SRAM AXS 12s	-

**Note: All 9,10 and 11sp chains. 12sp Sram Eagle and KMC MTB. Sram 12sp Road*

OLI EDGE DM CHAINRINGS



1x DM STEEL BOOST

CODE	TEETH	PROFILE (Chain)	CHAINLINE	DRIVETRAIN	MODEL
38000370002250	34 T	MEGATOOTH A* (3.5mm)	52 mm	11s	WB478
38000471003541	36 T	MEGATOOTH A* (3.5mm)	52 mm	11s	WB349
38000369004250	38 T	MEGATOOTH A* (3.5mm)	52 mm	11s	WB344
380-0483002540	34 T	MEGATOOTH SH12s	52 mm	SH 12S	WB604
380-0487003540	36 T	MEGATOOTH SH12s	52 mm	SH 12S	WB493
380-0488004540	38 T	MEGATOOTH SH12s	52 mm	SH 12S	WB605



1x DM STEEL

CODE	TEETH	PROFILE (Chain)	CHAINLINE	DRIVETRAIN	MODEL
38000560008540	42 T	MEGATOOTH A* (3.5mm)	DM	11s	WB659A



1x DM STEEL + CHAINGUARD

CODE	TEETH	PROFILE (Chain)	CHAINLINE	DRIVETRAIN	MODEL
38000559000540	42 T	MEGATOOTH A* (3.5mm)	DM	11s	WB659A + W1174

FSA 1x V-SHAPE

COMPATIBLE ONLY WITH BOSCH GEN4, OLI EDGE SPIDER: W0134, W0138 AND W0140



V-SHAPE ALLOY

CODE	TEETH	PROFILE (Chain)	BCD	DRIVETRAIN	MODEL
38000407002050	34 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB452B
38000408004050	38 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB453
38000351008050	42 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB454A
380-0352010050	44 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB450A
380-0409012050	46 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB455A
380-0353014050	48 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB451A
38000586002050	34 T	MEGATOOTH SH12s	104 mm	SH 12S	WB607



V-SHAPE STEEL

CODE	TEETH	PROFILE (Chain)	BCD	DRIVETRAIN	MODEL
38000366002250	34 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB485A
380-0439003540	36 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB469
38000365004250	38 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB486
380-0438008540	42 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB467
38000412010250	44 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB465
38000480002540	34 T	MEGATOOTH SH12s	104 mm	SH 12S	WB499
38000481004540	38 T	MEGATOOTH SH12s	104 mm	SH 12S	WB601
380-0482008540	42 T	MEGATOOTH SH12s	104 mm	SH 12S	WB602

**Note: All 9,10 and 11sp chains. 12sp Sram Eagle and KMC MTB. Sram 12sp Road*



V-SHAPE CHAINGUARD

CODE	MATERIAL	TEETH	BCD	MODEL
32700052009050	Alloy	42-44 T	104 mm	W1153
32700056025050	Alloy	32-34 T	104 mm	W1156

FSA 1x BCD110



STEEL

CODE	TEETH	PROFILE (Chain)	BCD	DRIVETRAIN	MODEL
370-0016024050	36 T	MEGATOOTH A* (3.5mm)	110 mm	11s	WA662
370-0017017050	38 T	MEGATOOTH A* (3.5mm)	110 mm	11s	WA606
370-0018012050	40 T	MEGATOOTH A* (3.5mm)	110 mm	11s	WA607
370-0019001050	42 T	MEGATOOTH A* (3.5mm)	110 mm	11s	WA669
370-0020002050	44 T	MEGATOOTH A* (3.5mm)	110 mm	11s	WA670
380-0448004050	48 T	MEGATOOTH SH12s	110 mm	SH 12S	WA021

**Note: All 9,10 and 11sp chains. 12sp Sram Eagle and KMC MTB. Sram 12sp Road*

FSA 1x BCD104



ALLOY

CODE	TEETH	PROFILE (Chain)	BCD	DRIVETRAIN	MODEL
380-0064001051	32 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB380
380-0065002051	34 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB381
380-0091003050	36 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB382
380-0092004050	38 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB383
380-0311008050	42 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB054
380-0291010050	44 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB416
38000136012051	46 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB315A
380-0227014050	48 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB409

**Note: All 9,10 and 11sp chains. 12sp Sram Eagle and KMC MTB. Sram 12sp Road*

FSA 1x BCD104



STEEL

CODE	TEETH	PROFILE (Chain)	BCD	DRIVETRAIN	MODEL
38000417002540	34 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB487
380-0441003540	36 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB468
380-0416004540	38 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB488
380-0440008540	42 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB466
380-0418010540	44 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB464
380-0477002540	34 T	MEGATOOTH SH12s	104 mm	SH 12S	WB494
380-0504003540	36 T	MEGATOOTH SH12s	104 mm	SH 12S	WB495
380-0478008540	42 T	MEGATOOTH SH12s	104 mm	SH 12S	WB497
380-0479010540	44 T	MEGATOOTH SH12s	104 mm	SH 12S	WB498



STEEL

CODE	TEETH	PROFILE (Chain)	BCD	DRIVETRAIN	MODEL
38000277003140	36 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB545
38000278004140	38 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WB531
38000296012140	40 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WA023
38000279001140	42 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WA516
38000280002140	44 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WA546
38000281003140	46 T	MEGATOOTH A* (3.5mm)	104 mm	11s	WA527



BCD104 CHAINGUARD

CODE	MATERIAL	TEETH	BCD	MODEL
38000283006050	Alloy	44-46 T	104 mm	W1086
38000289006050	Alloy	42-44 T	104 mm	W1036
38000364017050	Alloy	36-38 T	104 mm	W1145

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