

# BIKE COMPONENTS



C A T A L O G U E

**CABLES**

**BRAKE PADS**

**ROTORS**

**ACCESSORIES**

**ANY BIKE. ANYWHERE.**

**FIBRAX<sup>®</sup>**

A UK Manufacturer since 1902

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# ANY BIKE. ANYWHERE.

**Since 1902, Fibrax has been pioneering advancements in cycling performance. Over the last century, both materials and manufacturing processes have changed considerably but our commitment to continual improvement has remained steadfast, enabling us to offer a high quality, reliable product range.**

We design, develop and manufacture a comprehensive range of brake pads, rotors, cables and spare components.

Our team of product development engineers are all cycle enthusiasts, which gives us the edge when it comes to testing and refining our latest innovations.

Whether you get your kicks from the speed of a road bike or thrills of an MTB, we are passionate about producing the right product to help you go further.

Our products are distributed worldwide from our UK manufacturing facility. We are part of the Fibrax Group, which also produces high precision moulded components to the automotive industry. Our stringent manufacturing processes ensure you enjoy superior products and an unforgettable riding experience.

# CABLES

## STAINLESS STEEL DIE DRAWN SLICK

Our high-end cables offer the smoothest shifting and braking, and increased tensile strength along with lifetime free corrosion.

## STAINLESS STEEL

Stainless steel cables from Fibrax provide superior strength and corrosion resistance for a virtually maintenance free cabling solution.

## GALVANISED

These cables are hot-dip galvanised for corrosion resistance and predictable performance.



# STAINLESS STEEL DIE DRAWN SLICK

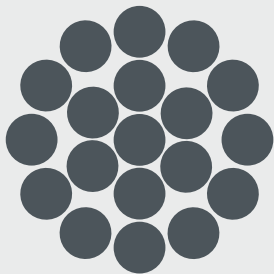
Standard Cable



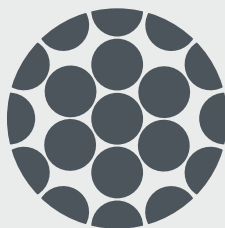
Die Drawn Slick



Standard Cable



Die Drawn Slick



Using a cold drawn process, we achieve a superior surface finish. Pulling the wire through dies flattens the surface and reduces friction. During the process, oil is forced into the gaps of the wire and secretes over time. This lubricates the casing and keeps your shifting and braking smoother for longer.

- Works with 12 speed systems
- No coating to rub off in the outer casing
- Pre-stretched for a more direct feel
- Stainless steel
- Increased tensile strength

As there is no wire coating to be affected, the outer casing can also be purged of dirt, thereby increasing performance.

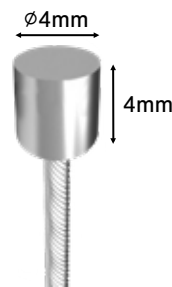
# CABLE ENDS AND FITTINGS

Fibrax fits a wide selection of cable ends, each designed to perfectly suit its application. Die cast from zinc, our cable ends offer a weatherproof fitting with a pull-off force that exceeds the braking strain for the cable to which it is fitted.

Common fittings are shown below to aid identification. **If the fitting you need is not shown, please contact your Fibrax distributor for a full list.**

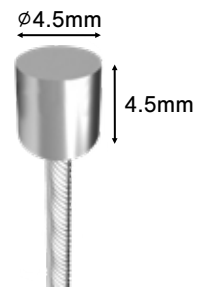
## GEAR

Compatible with  
Campagnolo



**Campagnolo**  
Ø1.1mm Die Drawn

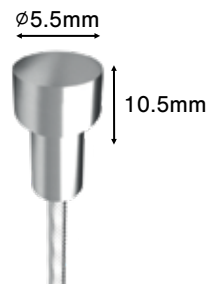
Compatible with  
Shimano & SRAM



**Shimano**  
Ø1.1mm Die Drawn  
Ø1.2mm Stainless Steel  
Ø1.2mm Galvanised  
**SRAM**  
Ø1.1mm Die Drawn  
Ø1.1mm Stainless Steel

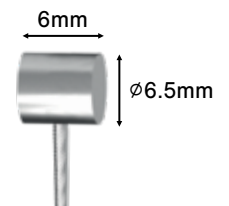
## BRAKE

**Pear**



Ø1.5mm  
Die Drawn, Galvanised &  
Stainless Steel

**Barrel**



Ø1.5mm  
Die Drawn, Galvanised &  
Stainless Steel

# GEAR CABLES

## WIRES

### DIE DRAWN STAINLESS STEEL

All compatible with Shimano unless stated otherwise.

#### Shimano / SRAM

ø1.1mm, 2.2m  
100 wires supplied in box.



FCG1139

FCG3128 - (Box) **100 Pack**

#### Shimano / SRAM / Campagnolo

##### Tandem

ø1.1mm, 3.05m



FCG1141

#### Campagnolo

ø1.1mm, 2.2m  
100 wires supplied in box.



FCG1116

FCG3122 - (Box) **100 Pack**

ø1.2mm, 2.2m  
100 wires supplied in box.



FCG1102

FCG3102 - (Box) **100 Pack**

#### SRAM

ø1.1mm, 2.2m  
100 wires supplied in box.



FCG1111

FCG3105 - (Box) **100 Pack**

### GALVANISED

All compatible with Shimano unless stated otherwise.

ø1.2mm, 2.2m  
100 wires supplied in box.



FCG1100

FCG3100 - (Box) **100 Pack**

## CASING

### ULTRALIGHT COMPRESSIONLESS

#### ULTRALIGHT COMPRESSIONLESS GEAR CASING

Manufactured with an aluminium core rather than steel, weight is kept to a minimum, saving 60% over our standard casing.

With improved flexibility, the Kevlar overwrap and compressionless linear core gives the system complete accuracy of movement with significantly less cable drag.

##### Features:

- Aluminium and Kevlar construction
- Lightweight
- Compressionless linear core
- Reduced drag design



FCG3130 - Black

■ 15m

# CASING

## SP4 & SP5

### Gear SP4 Outer Casing with standard or sealed ferrules

ø4mm

6 extra ferrules included with 2.0m variant.

Bulk options available for 0.3m and 0.6m variant.



### Standard Ferrules

FCG2102 - 2.0m (Standard ferrules) + 6 extra ferrules

FCG2105 - 0.3m (Standard ferrules)

FCG3111 - 0.3m (Standard ferrules) **50 Pack**

FCG2106 - 0.6m (Standard ferrules)

FCG3112 - 0.6m (Standard ferrules) **50 Pack**

### Sealed Ferrules

FCG2107 - 0.3m (Sealed ferrules)

FCG3113 - 0.3m (Sealed ferrules) **50 Pack**

FCG2108 - 0.6m (Sealed ferrules)

FCG3114 - 0.6m (Sealed ferrules) **50 Pack**

### Gear SP4 Outer Casing

ø4mm

15m supplied in bag. 30m supplied on reel in file box.

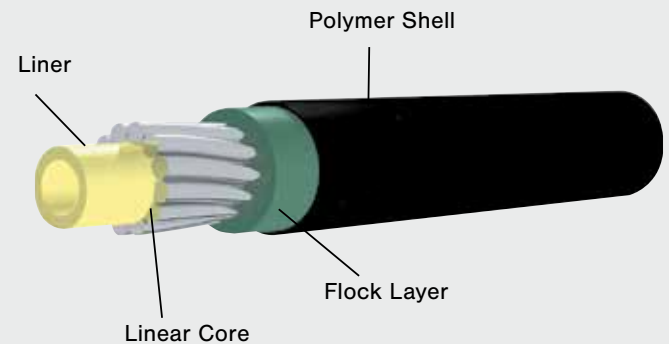
500m supplied in box.



FCG3103 -Black (Reel in a file box)	■	<b>30m</b>
FCG3104 - Black (Box)	■	<b>500m</b>
FCG3127 - Red (Bag)	■	<b>15m</b>
FCG3104R - Red (Box)	■	<b>500m</b>
FCG3125 - White (Bag)	□	<b>15m</b>
FCG3104W - White (Box)	□	<b>500m</b>
FCG3126 - Blue (Bag)	■	<b>15m</b>
FCG3104BLE - Blue (Box)	■	<b>500m</b>
FCG3129 - Grey (Bag)	■	<b>15m</b>
FCG3126 - Grey (Box)	■	<b>30m</b>

## SP4 GEAR CABLE HOUSING

Fibrax SP4 Gear Cable Housing uses the same hard wearing, low friction inner liner as our 2P casing. A linear core gives it a strong, zero compression shift, which is compatible with the new 12 speed groupsets.



- Black
- White
- **NEW** Grey
- Red
- Blue

ø5mm

30m supplied in a file box. 400m supplied on reel.



FCG3106 - Black (Box)	■	<b>30m</b>
FCG3107 - Black (Reel)	■	<b>400m</b>

# KITS

## STAINLESS STEEL

All compatible with Shimano unless otherwise stated

2.2m inner wire  
1.4mm outer casing  
2 x ferrules  
1 x end cap



FCG1202 - Black	<input checked="" type="checkbox"/>
FCG1208 - White	<input type="checkbox"/>
FCG1209 - Blue	<input checked="" type="checkbox"/>
FCG1210 - Red	<input checked="" type="checkbox"/>
FCG12208 - Grey	<input checked="" type="checkbox"/> <b>NEW</b>

Outer for front and rear.  
Supplied with 8 ferrules and wire end covers.



FCG2104 - Black	<input checked="" type="checkbox"/>
FCG2101 - Grey	<input checked="" type="checkbox"/> <b>NEW</b>

## GALVANISED

All compatible with Shimano unless otherwise stated

2.2m inner wire  
1.4m outer casing  
2 x ferrules  
1 x end cap



FCG1200 - Black	<input checked="" type="checkbox"/>
FCG1208 - White	<input type="checkbox"/>
FCG1209 - Blue	<input checked="" type="checkbox"/>
FCG1210 - Red	<input checked="" type="checkbox"/>
FCG2207 - Grey	<input checked="" type="checkbox"/> <b>NEW</b>

### Sturmey Archer Universal Trigger Cable

2.2m inner wire  
1.4m outer casing  
1 x gear link  
2 x ferrules  
1 x end cap



FCG1203 - Black	<input checked="" type="checkbox"/>
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## ULTRALIGHT Compatible with Shimano and SRAM

Our Ultralight range brings together best-in-class components to offer you the ultimate shifting technology.

By combining our high-performance die drawn wire with our ultralight casing and CNC ferrules, you can achieve the crispest shift on the market's lightest casing.




FCG2205 - Internal routing, Black	<input checked="" type="checkbox"/>	<b>3.3m</b>
FCG2206 - Standard routing, Black	<input checked="" type="checkbox"/>	<b>2.2m</b>

## FIBRAX PRO-FORMANCE SEALED DERAILLEUR KIT

Our fully sheathed system keeps moisture, mud and all other nasties away from your cables, giving you one less excuse to miss that bike ride.


Our sealed cable kit is perfect for commuter, CX, trail and winter training bikes.


### KIT CONTENTS

  
2 x sleeved inner wires  
(1.8 & 2.1m)

  
2 x end caps

  
Outer casing (2.7m)

  
6 x soft rubber  
frame protectors

  
12 x  
strong ferrules

A fully sealed gear cable system with maintenance free super smooth shifting; totally sealed with a clear plastic inner casing from the shifter to the mech end.



FCG2200 - Black	<input checked="" type="checkbox"/>
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Replacement inner and outer casings

FCG2201 - Rear Inner Tube	<input checked="" type="checkbox"/>	<b>2.05m</b>
FCG2202 - Front Inner Tube	<input checked="" type="checkbox"/>	<b>1.75m</b>
FCG2203 - Outer Casing	<input checked="" type="checkbox"/>	<b>2.7m</b>



# BRAKE CABLES

## WIRES

### DIE DRAWN

#### Shimano / SRAM

##### Road (Pear only)

ø1.5mm, 1.8m  
100 wires supplied in box.



FCB1143

FCB3149 - (Box) 100 Pack

##### MTB (Barrel only)

ø1.5mm, 1.8m  
100 wires supplied in box.



FCB1150

FCB3150 - (Box) 100 Pack

#### Shimano / SRAM / Campagnolo

##### Tandem (Universal)

ø1.5mm, 3.05m



FCB1145

### STAINLESS STEEL

For rear. ø1.5mm, 1.8m



FCB1102

Barrel only. ø1.5mm, 1.8m  
100 wires supplied in box.



FCB3102 - (Box) 100 Pack

Pear only. ø1.5mm, 1.8m  
100 wires supplied in box.



FCB3105 - (Box) 100 Pack

##### Tandem (Universal)

ø1.5mm, 3.05m



FCB1139

### GALVANISED

For rear. ø1.5mm, 1.8m



FCB1100

Barrel only. ø1.5mm, 1.8m  
100 wires supplied in box.



FCB3100 - (Box) 100 Pack

Pear only. ø1.5mm, 1.8m  
100 wires supplied in box.



FCB3103 - (Box) 100 Pack

All brake cables are available as **Universal** (double ended) or **Barrel (B)** and **Pear (P)**. Please specify when ordering by adding 'P' or 'B' at the end of the product code.

## CANTILEVER WIRES

#### Cantilever Brake Straddle Wire

a = standard,  
a&b = universal



FCB1104 - Galvanised **a** 460mm

FCB1105 - Galvanised **a&b** 360mm

#### Cantilever Brake Cable Hanger & Straddle Wire Kit



FCB1115 - Galvanised

# CASING

## ULTRALIGHT COMPRESSIONLESS

### ULTRALIGHT COMPRESSIONLESS BRAKE CASING

Manufactured with an aluminium core rather than steel, the weight is kept to a minimum, saving 60% over our standard casing.

With improved flexibility, the Kevlar overwrap and compressionless linear core gives the system complete accuracy of movement with significantly less cable drag.

**Features:**

- Aluminium and Kevlar construction
- Lightweight
- Compressionless linear core
- Reduced drag design



FCB3153 - Black  15m

#### BMX Rotation Brake Cables

Suit Odyssey Gyro & Gyro2 Systems



FCB1209 - Lower (1178mm)

FCB1210 - Upper (400mm)

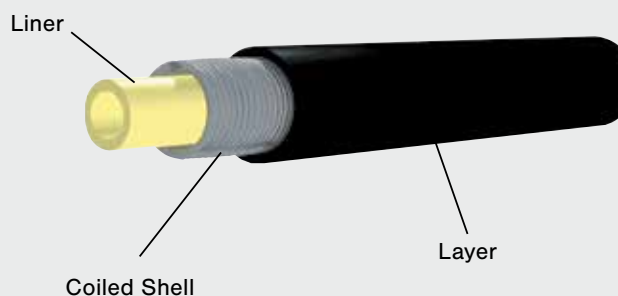
FCB1211 - Upper (435mm)

FCB1212 - Upper (475mm)

## 2P

### 2P BRAKE CABLE HOUSING

The Fibrax 2P Brake Cable Housing utilises a hard wearing, low friction, waterproof liner that gives excellent protection for your cables. A hard wearing polymer is used to protect the whole assembly, ensuring low maintenance and precise braking for years to come.



- |   |  |  |
|---|--|--|
| <span style="display: inline-block; width: 10px; height: 10px; background-color: black; margin-right: 5px;"></span> Black | <span style="display: inline-block; width: 10px; height: 10px; background-color: white; border: 1px solid black; margin-right: 5px;"></span> White | <span style="border: 1px solid red; padding: 2px;">NEW</span> <span style="display: inline-block; width: 10px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, grey 2px, grey 4px); margin-right: 5px;"></span> Braided |
| <span style="display: inline-block; width: 10px; height: 10px; background-color: red; margin-right: 5px;"></span> Red     | <span style="display: inline-block; width: 10px; height: 10px; background-color: blue; margin-right: 5px;"></span> Blue                            | <span style="border: 1px solid red; padding: 2px;">NEW</span> <span style="display: inline-block; width: 10px; height: 10px; background-color: grey; margin-right: 5px;"></span> Grey  |

#### Brake 2P Brake Outer Casing

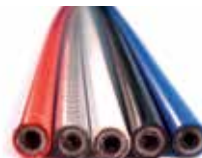
2m. Supplied with 8 ferrules



FCB2102

#### Brake 2P Outer Casing

15m supplied in bag. 30m supplied on reel in file box. 400m on reel. 500m supplied in box.



FCB3106 - Black 30m (Reel in a file box)	<span style="display: inline-block; width: 10px; height: 10px; background-color: black; margin-right: 5px;"></span>	<b>30m</b>
FCB3107 - Black 400m (Reel)	<span style="display: inline-block; width: 10px; height: 10px; background-color: black; margin-right: 5px;"></span>	<b>400m</b>
FCB3148 - Red 15m (Bag)	<span style="display: inline-block; width: 10px; height: 10px; background-color: red; margin-right: 5px;"></span>	<b>15m</b>
FCB3107R - Red 500m (Box)	<span style="display: inline-block; width: 10px; height: 10px; background-color: red; margin-right: 5px;"></span>	<b>500m</b>
FCB3146 - White 15m (Bag)	<span style="display: inline-block; width: 10px; height: 10px; background-color: white; border: 1px solid black; margin-right: 5px;"></span>	<b>15m</b>
FCB3107W - White 500m (Box)	<span style="display: inline-block; width: 10px; height: 10px; background-color: white; border: 1px solid black; margin-right: 5px;"></span>	<b>500m</b>
FCB3147 - Blue 15m (Bag)	<span style="display: inline-block; width: 10px; height: 10px; background-color: blue; margin-right: 5px;"></span>	<b>15m</b>
FCB3107BLE - Blue 500m (Box)	<span style="display: inline-block; width: 10px; height: 10px; background-color: blue; margin-right: 5px;"></span>	<b>500m</b>
FCB3203 - Grey (Bag)	<span style="border: 1px solid red; padding: 2px;">NEW</span> <span style="display: inline-block; width: 10px; height: 10px; background-color: grey; margin-right: 5px;"></span>	<b>15m</b>
FCB3126 - Grey (Box)	<span style="border: 1px solid red; padding: 2px;">NEW</span> <span style="display: inline-block; width: 10px; height: 10px; background-color: grey; margin-right: 5px;"></span>	<b>30m</b>
FCB3127 - Braided (Reel in a file box)	<span style="border: 1px solid red; padding: 2px;">NEW</span> <span style="display: inline-block; width: 10px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, grey 2px, grey 4px); margin-right: 5px;"></span>	<b>30m</b>

# KITS

## STAINLESS STEEL

For rear.  
1.8m inner wire  
1.4m outer casing  
4 x ferrules  
2 x end cap



- FCB1202 - Black
- FCB1245 - White
- FCB1246 - Blue
- FCB1247 - Red
- FCB1218 - Braided  NEW
- FCB2211 - Grey  NEW

For front.  
0.75m inner wire  
0.65m outer casing  
2 x ferrules  
1 x end cap



- FCB1215 - Black

## GALVANISED

For rear.  
2.2m inner wire  
1.8m outer casing  
6 x ferrules  
2 x end cap



- FCB1200 - Black
- FCB1245 - White
- FCB1246 - Blue
- FCB1247 - Red
- FCB2209 - Grey  NEW

For front.  
0.86m inner wire  
0.76m outer casing  
2 x ferrules  
1 x end cap



- FCB1213 - Black

## ULTRALIGHT

Our Ultralight range brings together best-in-class components to offer you the ultimate braking technology.

By combining our high-performance die drawn wire with our ultralight casing and CNC ferrules, you can achieve the crispest shift on the market's lightest casing.



- FCB2205 - Internal routing, Barrel, MTB  **3.3m**
- FCB2206 - Standard routing, Barrel, MTB  **2.2m**
- FCB2207 - Standard routing, Pear, Road  **2.2m**
- FCB2208 - Internal routing, Pear, Road  **3.3m**

# UPGRADE YOUR DROPPER POST

### Ultralight Dropper Post Upgrade Kit

- 2 x CNC Ferrules
- 1600mm Ultralight Gear Casing (Black)
- 1 x 1.1mm Die Drawn Stainless Steel Gear Cables (2200mm)
- 2 x Spiral Frame Protectors (Black)
- 1 x Wire End Cap (Black)



- FCG2204 - Black

# HYDRAULIC HOSE KITS

## HYDRAULIC HOSE KITS & FITTING

### Fibrax® Hose Kits

Contains a super flexible stainless steel braided hose plus fittings.  
Front kits contain 0.9m of hose and rear kits contain 1.8m of hose.

#### Kit 1

Avid (Not Avid Elixir 1 & 3 nor SRAM XX 2010/11)  
Magura (pre 2012) excluding Big Twin  
Hayes HFX/Sole/Dyno

FCB1300 - Front

FCB1301 - Rear

#### Kit 2

Hope  
Formula (2011/2012)  
Magura (2012) excluding Big Twin  
Hayes Stroker/EI Camino/Prime  
SRAM XX 2010/11  
Shimano Zee/Saint/XTR  
Shimano XT (755/765/776/785)  
Shimano SLX (666/675)  
Shimano Deore (525/535/595)

FCB1302 - Front









FCB1303 - Rear

#### Kit 3

Avid Elixir 1 & 3  
Shimano Deore 555  
Shimano LX &  
Shimano SLX 665  
Shimano XT 775  
Shimano XTR 975

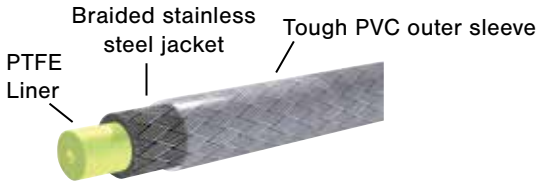
FCB1304 - Front

FCB1305 - Rear

Item	Kit 1	Kit 2	Kit 3
FCB3404 	1	1	2
FCB3405 	2	2	2
FCB3406 	2	2	2
FCB3407 	1	1	0
FCB3410 	1	1	1
FCB3408 	0	1	0
FCB3409 	0	1	0
FCB3327 	0	2	0

# STAINLESS STEEL BRAIDED HYDRAULIC HOSE

Super flexible construction allows better routing on the cycle. Rated to 13,000psi (89,000 kPa) for superior performance. Tough PVC outer protects both hose and frame. Suitable for use with all common hydraulic fluids.



FCB3338 - 15m Reel of Fibrflex®Hose



*If you are unsure of the correct way to fit any parts, please consult a certified dealer or bicycle mechanic.*

## Fibrflex Replacement Hydraulic Brakeline Kits



- High quality stainless steel fittings
- Improved heat dissipation
- Sharper response
- Improved strength and durability

# HYDRAULIC BRAKELINE DEALER PACK

### Hydraulic Brakeline Dealer Pack




High quality fittings to replace hoses on 10 hydraulic systems. Each fitting is available in top-up packs using the codes listed. Designed for use with Fibrflex stainless steel braided hydraulic hose.

The Dealer Pack includes:

- 10 x Lever Connector
- 20 x Hose Connector
- 20 x Barbed Connector
- 10 x Straight Connector
- 10 x Banjo End
- 10 x Banjo Bolt
- 20 x Alloy Washer
- 20 x "O" Ring (OD 8mm x 1mm)
- 20 x Stainless Steel Shim (0.2mm)
- 10 x Spiral Frame Protector

FCB3403

### Refill Packs for Hydraulic Brakeline Dealer Pack

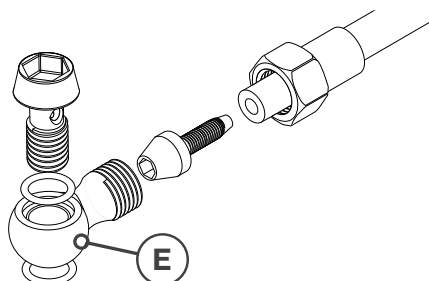
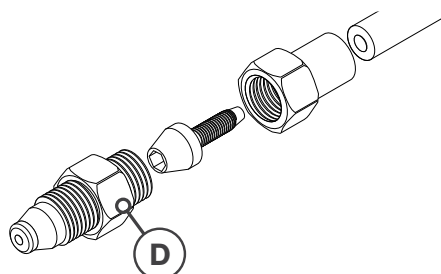
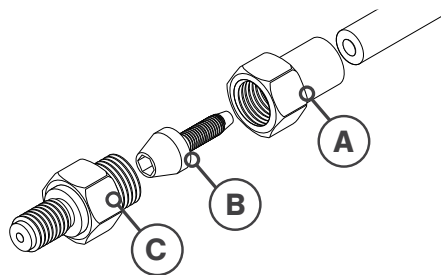
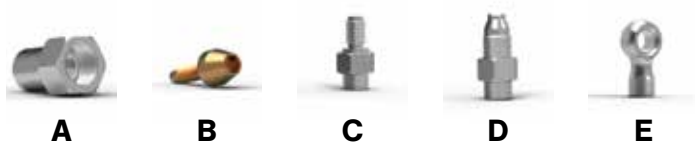
			
10 x Lever Connector	20 x Hose Connector	20 x Barbed Connector	10 x Straight Connector
FCB3404	FCB3405	FCB3406	FCB3407
			
10 x Banjo End	10 x Banjo Bolt	20 x Alloy Washer	20 x "O" Ring (OD 8mm x 1mm)
FCB3408	FCB3409	FCB3325	FCB3327
			
20 x Stainless Steel Shim (0.2mm)	10 x Spiral Frame Protector	10 x Hydraulic Hose Guide*	
FCB3332	FCB3410	FCB3333	

\*Note: FCB3333 is not supplied in the dealer pack. However, they can be ordered separately as a refill pack of 10.

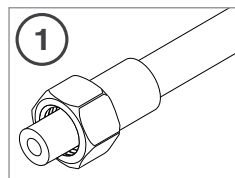
# HOW TO FIT YOUR HYDRAULIC HOSE KIT

## BRAIDED HYDRAULIC HOSE KIT

Connection types: There are 3 different types of fittings that can be used to connect the hose to either the caliper or lever. All fittings use the same 'hose connector' and 'barb'.

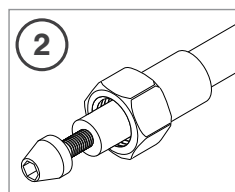


## KIT FITTING INSTRUCTIONS

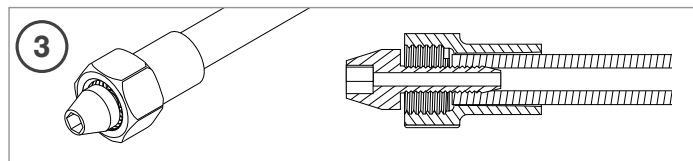


1 Cut the hose to the desired length then push the hose connector (A) on to the end of the braided hose so that around 10-15mm of hose is showing.

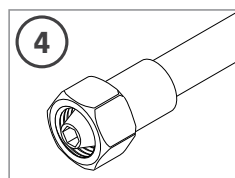
Make sure that the end of the hose is circular and concentric before moving on to the next step.



2 Using a 3mm hex key, firmly press and screw the barb (B) approximately half way into the hose.

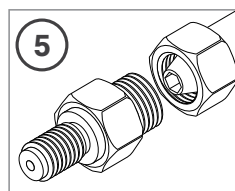


3 Pull the hose connector (A) towards the barb (B) making sure the thread is fully forward of the hose.

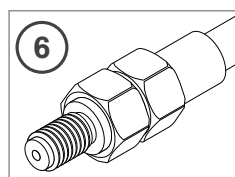


4 Continue to screw the barb (B) all the way in until it hits the hose.

Be careful not to over tighten as the thread will tear the inner lining of the hose, leading to failure.



5 Using the appropriate caliper or lever fitting (C,D,E), screw it into the hose connector (A).



6 Using two 8mm cone/ring spanners, firmly tighten the hose connector (A) and fitting (C,D,E) together. This will compress the brass barb (B) between the two parts, creating a liquid tight seal.

7 Bleed as per brake manufacturer's instructions.

### Parts & Tools Required

- Surgical/nitrile gloves (when bleeding the system)
- 3mm hex key
- 5mm hex key
- Cable cutters
- 2 x 8mm cone/ring or adjustable spanners

# DISC PADS

## UNBEATABLE STOPPING POWER



### SEMI-METALLIC DISC PAD

An everyday trail pad offering the best modulation but now with improved durability and braking power.

### SINTERED DISC PAD

A full metal brake pad, offering stable braking from hot to cold.

### E-BIKE PADS

Designed specifically for e-bikes, these brake pads increase control in high weight, high shear conditions for better usability, control and safety.

### FINNED PADS

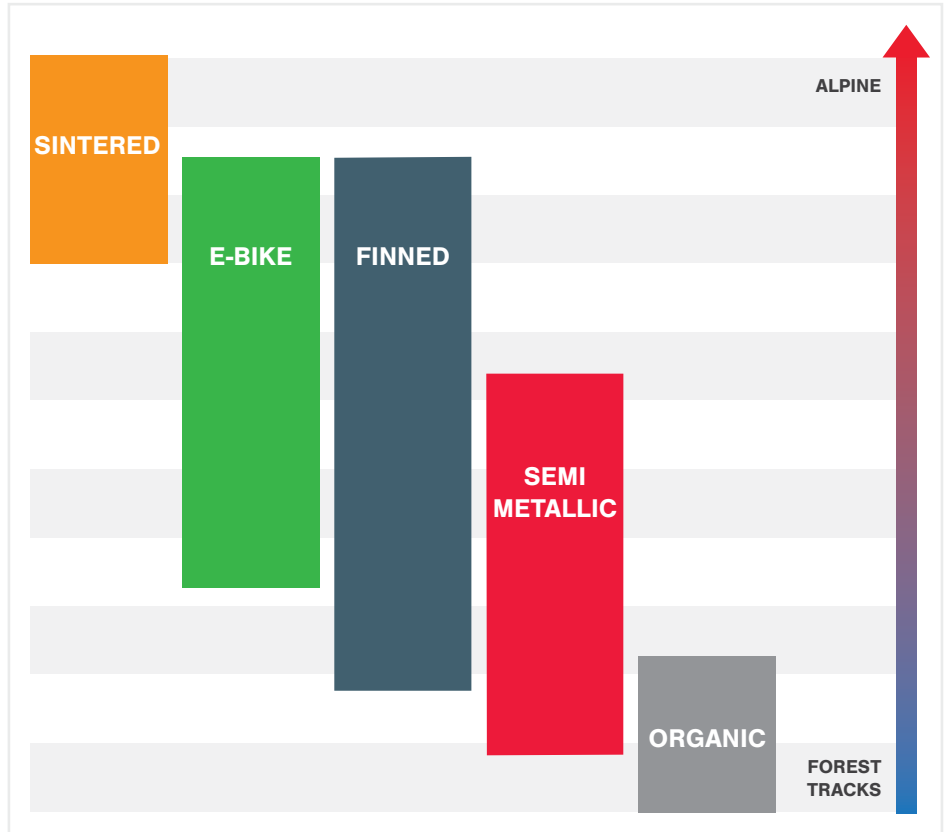
Designed to reduce the temperature of the brake caliper, these pads are perfect for alpine style riding.

# A PAD FOR EVERY SITUATION

## WORKING CALIPER TEMPERATURE RANGE

Each brake pad has its strengths within a certain temperature range, to suit the demands of flat forest tracks and roads, steep alpine trails or powerful e-bikes.

This graphic helps you determine which pad might best suit your needs.



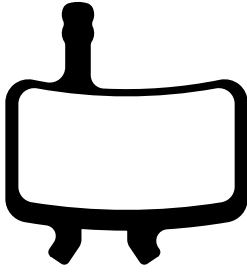
## HEAT DISTRIBUTION OF FINNED PADS





# AVID

AVID Juicy System, Ball Bearing 7



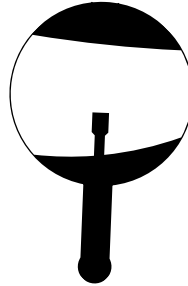
ASH975



ASH975S



AVID BB5 Mechanical



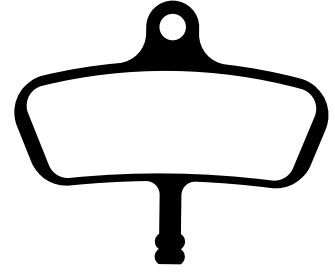
ASH976



ASH976S



AVID Code, (Pre-2011)



ASH978

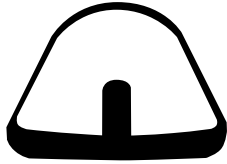


ASH978S



# DIATECH

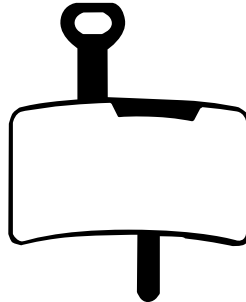
DIATECH Mechanical, Kinetic, Nifon



ASH930



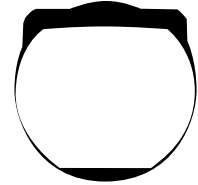
DIATECH Anchor



ASH932



DIATECH Spiral Stop

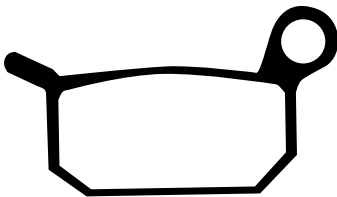


ASH935



# FORMULA

FORMULA B4



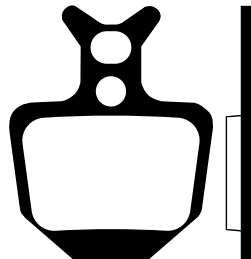
ASH943



ASH943S



FORMULA Oro



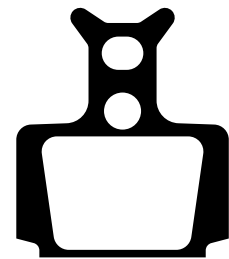
ASH946



ASH946S



FORMULA The One, R0, R1, RX & Mega



ASH947



ASH947S



ASH947F

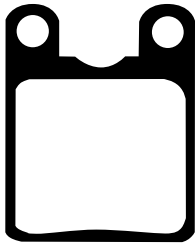


ASH947EB



# GIANT

## GIANT MPH1



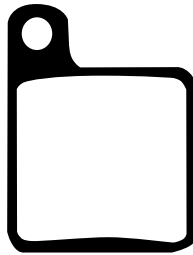
ASH956



ASH956S



## GIANT MPH2 & 3



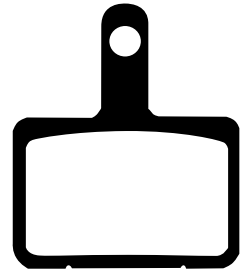
ASH957



ASH957S



## GIANT Roots 07



ASH991

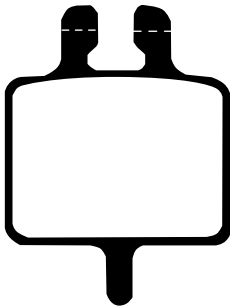


ASH991S



# GRIMECA

## GRIMECA Systems 1, 1.1, 16, 16.1



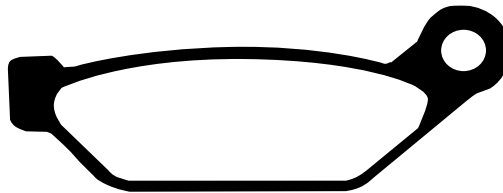
ASH980



ASH980S



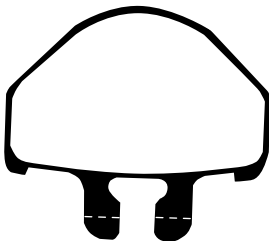
## GRIMECA Systems 2, 2.1 & 2.2, 5 & 5.1



ASH981



## GRIMECA Systems 7, 14 & 16



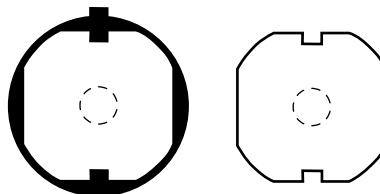
ASH983



ASH983S



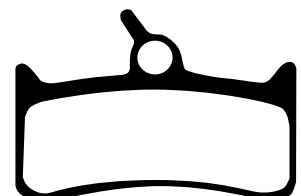
## GRIMECA Systems 6, 6.1, 9, 9.1, 9.2



ASH985



## GRIMECA Systems 8, 12



ASH990



ASH990S



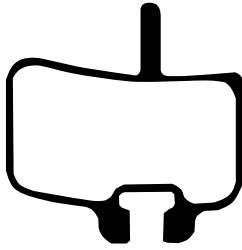
### BULK BRAKE PADS

All Fibrax disc brake pads are available in workshop bulk packs. Less waste. Less packaging. Less space. Less cost.

**Simply substitute 'ASH' for 'DSH' in the part code to order. DSH = 20 pairs.**

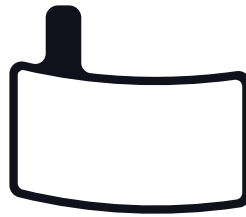
# HAYES

## HAYES HFX-Mag (all variants) HFX-9 (all variants)



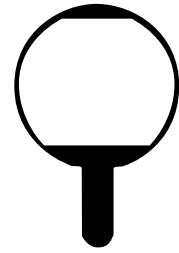
- ASH920 ■
- ASH920S ■

## HAYES Stroker Trail



- ASH922 ■
- ASH922S ■

## HAYES Sole/MX2/MX3



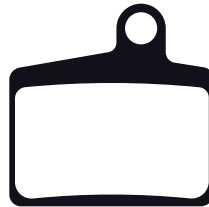
- ASH927 ■
- ASH927S ■

## HAYES EI Camino



- ASH921 ■
- ASH921S ■

## HAYES Stroker Ryde



- ASH923 ■
- ASH923S ■

### BULK BRAKE PADS

All Fibrax disc brake pads are available in workshop bulk packs.

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DSH = 20 pairs.

## LOOK AFTER YOUR DISC PADS DISC BRAKE CLEANER

Fibrax Disc Brake Cleaner improves braking performance by cleaning your brake system deeply and effectively.

Our disc brake cleaner air dries without leaving a residue and is perfectly safe for use on plastic, rubber, titanium, carbon and painted surfaces.

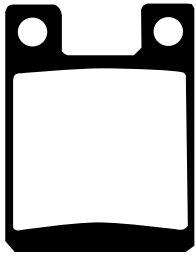
- FCM1008 - 400ml can
- FCM1008B - Box of 12 cans

**UNFORTUNATELY, THIS PRODUCT CANNOT BE SHIPPED OUTSIDE THE UK.**



# HOPE

## HOPE 2 Piston, Pro/Sport systems



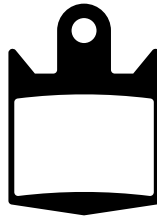
ASH910



ASH910S



## HOPE Enduro 4, DH4, 2 piece caliper



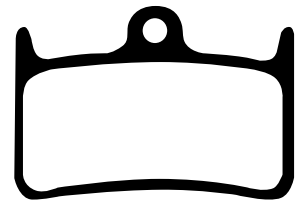
ASH915



ASH915S



## HOPE Tech E4/RX4



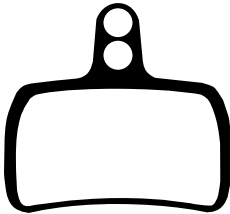
ASH996



ASH996S



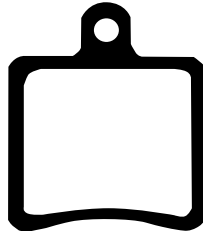
## HOPE Mono Mini



ASH911



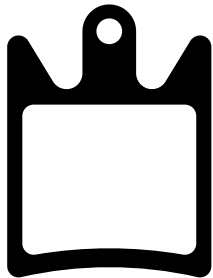
## HOPE Mini 2



ASH918



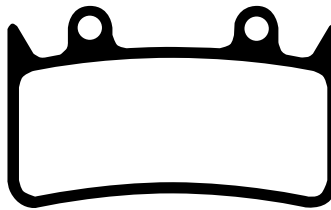
## HOPE V2



ASH913



## HOPE Mono 6 (Ti)



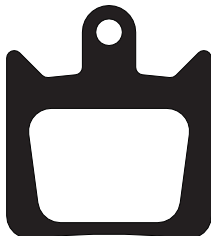
ASH919



ASH919S



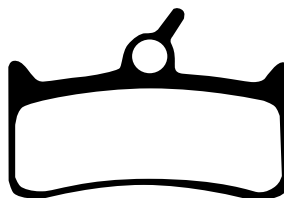
## HOPE X2



ASH914



## HOPE Mono 4



ASH990



ASH990S



### BULK BRAKE PADS

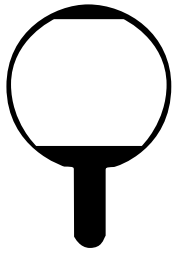
All Fibrax disc brake pads are available in workshop bulk packs.

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DSH = 20 pairs.

# MAGURA

## MAGURA Louise (Pre-07), Clara (Pre-01)



ASH927



ASH927S



## MAGURA Louise (Pre-2000)



ASH960



ASH960S



## MAGURA Louise (Post-07)



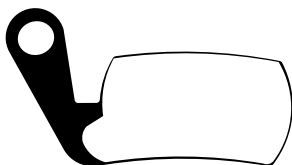
ASH961



ASH961S



## MAGURA Marta



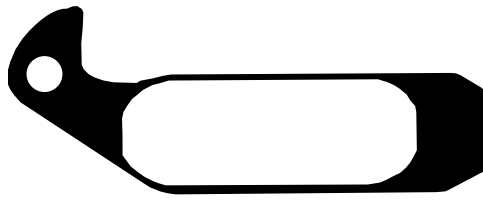
ASH963



ASH963S



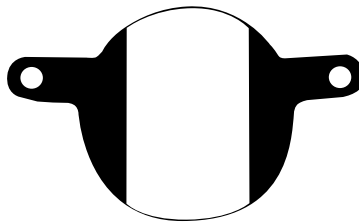
## MAGURA Gustav



ASH965



## Magura Julie



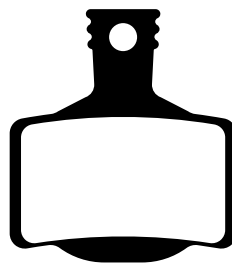
ASH968



ASH968S



## MAGURA M2, M4 & M6



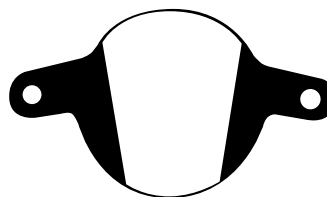
ASH969



ASH969EB



## MAGURA Clara (Post-01), Louise (Post-04)



ASH967

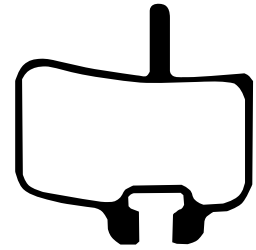


ASH967S



# PROMAX

## PROMAX Hydraulic



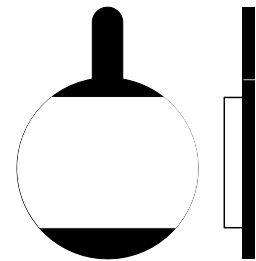
ASH920



ASH920S



## PROMAX DSK-700



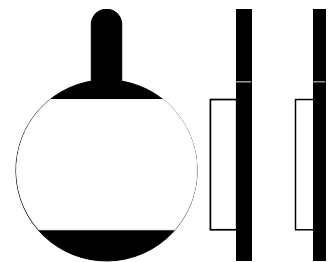
ASH926



ASH926S



## PROMAX DSK-400), DSK-610J, XNine



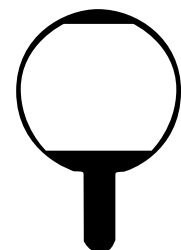
ASH925



ASH925S



## PROMAX DSK-810



ASH927

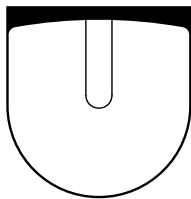


ASH927S



# QUAD

## QUAD Mechanical

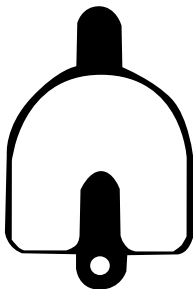


ASH953



# RST

## RST Mechanical



ASH970



ASH970S



### BULK BRAKE PADS

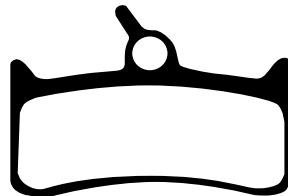
All Fibrax disc brake pads are available in workshop bulk packs.

Less waste. Less packaging. Less space. Less cost.

Simply substitute 'ASH' for 'DSH' in the part code to order.  
DSH = 20 pairs.

# SHIMANO

## SHIMANO XT M755



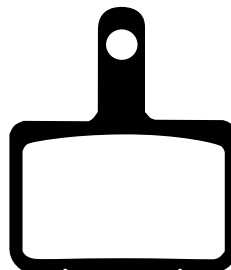
ASH990



ASH990S



## SHIMANO Deore M515/525/465/475/485/495, C501/C601



ASH991



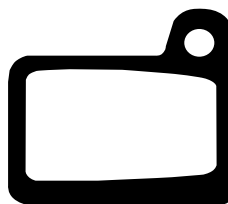
ASH991S



ASH991EB



## SHIMANO Deore M555/M556 Nexave C900/901



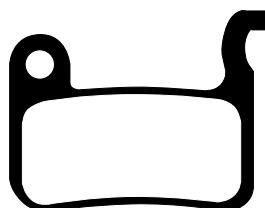
ASH992



ASH992S



## SHIMANO XTR M965 & M966 XT M765/LX M585, Deore M535, Hone/Saint M800



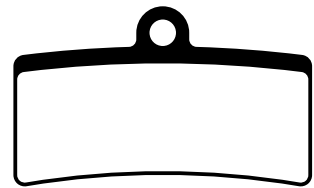
ASH993



ASH993S



## SHIMANO Saint M810/M820 (4 Piston)



ASH994



ASH994S



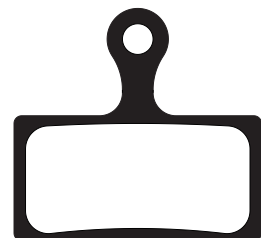
ASH994F



ASH994EB



## SHIMANO XTR (Post 2011), M8000/M9000



ASH995



ASH995S



ASH995F

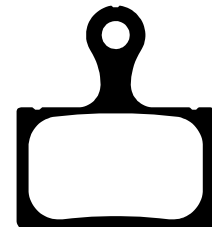


ASH995EB



## SHIMANO Dura Ace R9120, Dura Ace R9170, BR-R9170, XTR BR-M9100, Ultegra R8020, BR-R8070, 105 R7020, BR-R7070, Metrea BR-U5000, Tiagra BR-4770, GRX BR-RX810, BR-RX400, BR-RS805, BR-RS505, BR-RS405, BR-RS305

K02S, K02Ti, K03Ti, K04S, K04Ti, L02A, L04C (None Series)



ASH999

NEW



ASH999S

NEW



ASH999F

NEW



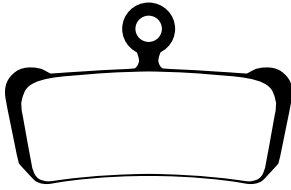
ASH999EB

NEW



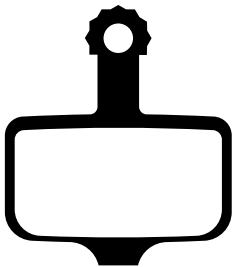
# SRAM HRD/LEVEL

## SRAM XO Trail, Guide, Elixir Trail



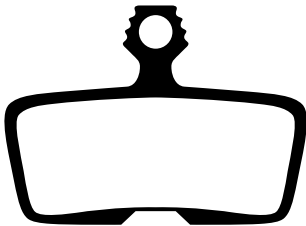
- ASH974 ■
- ASH974S ■
- ASH974F ■
- ASH974EB ■

## SRAM Elixir, SRAM XX



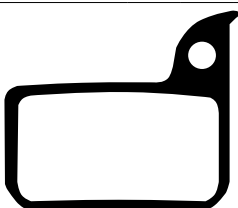
- ASH977 ■
- ASH977S ■
- ASH977F ■
- ASH977EB ■

## SRAM Code R (Post 2012)



- ASH979 ■
- ASH979S ■
- ASH979F ■
- ASH979EB ■

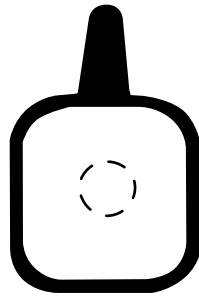
## SRAM HRD Red, Force, Rival, Apex, S-700, Level TLM/Ultimate



- ASH997 ■
- ASH997S ■
- ASH997EB ■

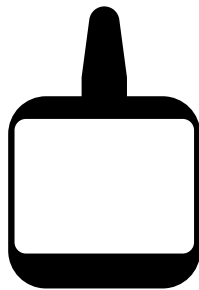
# TEKTRO

## TEKTRO Gemini/Novela



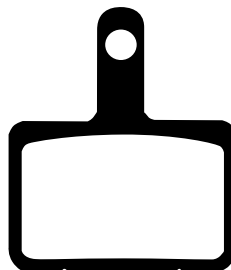
- ASH9255 ■
- ASH955S ■

## TEKTRO IO



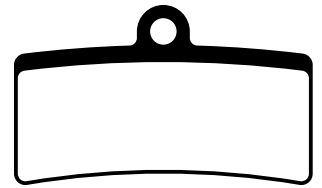
- ASH958 ■
- ASH958S ■

## TEKTRO Auriga/Sub/Tune/ E-Tune/E-Twin/E-Sub/E-Comp, Aquila, Orion/SL, Gemini/SL, Volans, Dorado, Mira



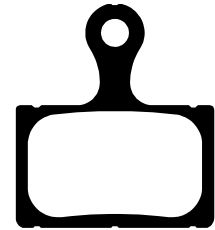
- ASH991 ■
- ASH991S ■
- ASH991EB ■

## TEKTRO Orion 4P, Dorado 4P



- ASH994 ■
- ASH994S ■
- ASH994EB ■

## TEKTRO HD-R310 and HD-R510 F10BS, F10XS (None Series)



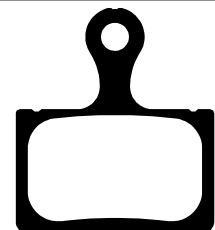
Also compatible with Tektro F10BS and F10XS replacement pads.

- ASH999 ■
- ASH999S ■
- ASH999F ■
- ASH999EB ■

# TRP

## TRP Hylex HD-C810 (Flat Mount), Hylex RS HD-C811 (Flat Mount), HD-T910 Hydraulic TT

## F10RS, F10XS (None Series)



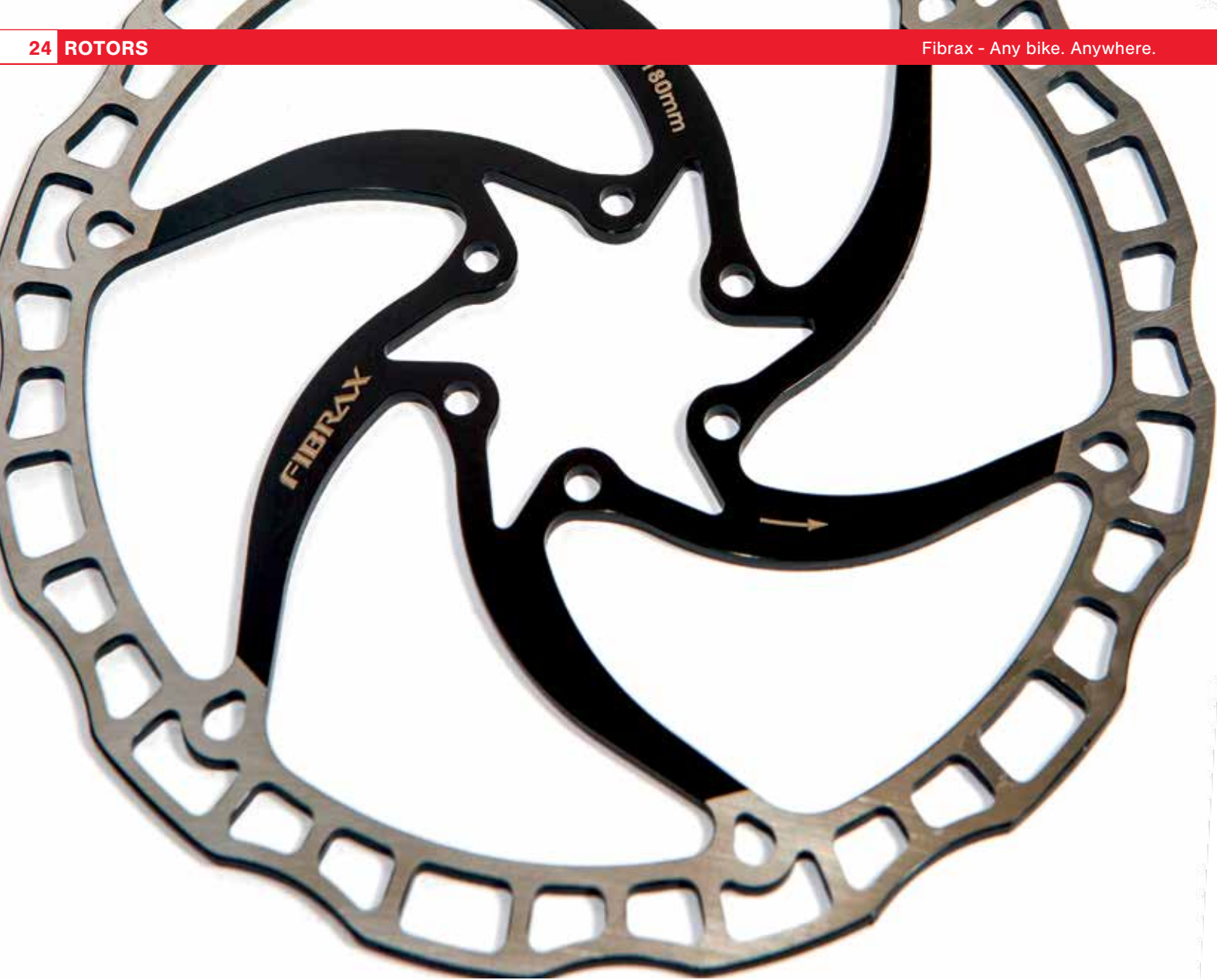
- ASH999 ■
- ASH999S ■
- ASH999F ■
- ASH999EB ■

### BULK BRAKE PADS

All Fibrax disc brake pads are available in workshop bulk packs.

Less waste. Less packaging. Less space. Less cost.

**Simply substitute 'ASH' for 'DSH' in the part code to order.  
DSH = 20 pairs.**



# ROTORS

## STANDARD ROTORS

Our standard rotors offer excellent performance using international standard six-bolt mounting. The surface finish improves pad clearing in mud and dirt which aids cooling. The stainless steel material increases the lifetime of the rotors.

Available in a range of sizes from 160mm to a massive 203mm, in both standard and lightweight formats.

### Standard Rotors



FCR160	160mm Silver	133g	■
FCR180	180mm Silver	156g	■
FCR203	203mm Silver	191g	■



# LIGHTWEIGHT ROTORS

Our new double-ground lightweight rotors feature improved cut-outs for superior heat dissipation, power and modulation, resulting in a rotor that enhances your brake performance across all levels and temperatures.

By increasing pad pressure, they significantly reduce stopping distances in both wet and dry conditions, whilst offering a huge confidence boost for riders. Our 160mm lightweight rotors weigh in at just 172g per pair; 33% less than other major brands!

Available in 140/160/180/203.

## Lightweight Rotors



Available in Silver and Black.

### Silver

FCR140L	140mm Silver	69g	■
FCR160L	160mm Silver	76g	■
FCR180L	180mm Silver	107g	■
FCR203L	203mm Silver	130g	■

### Black

FCR140ULB	140mm Black	70g	■
FCR160ULB	160mm Black	77g	■
FCR180ULB	180mm Black	108g	■
FCR203ULB	203mm Black	131g	■

# CENTRE LOCK ROTORS

## Centre Lock Rotors



15mm/20mm - Uses external bottom bracket tool

FCR140CLL	<b>NEW</b>	140mm Black	107g	■
FCR160CLL	<b>NEW</b>	160mm Black	114g	■
FCR180CLL	<b>NEW</b>	180mm Black	145g	■
FCR203CLL	<b>NEW</b>	203mm Black	168g	■

# ROTOR ACCESSORIES

## Torx Head Rotor Bolts



T25 Torx heads pre-thread locked for ISO standard rotors

FCB1128	Retail pack of 6
FCB 3308	Dealer pack of 100 in dispenser bottle

## Disc Rotor Wipes



Dries leaving no residue and is safe on plastic, rubber, titanium, carbon and painted surfaces.

Dealer pack of 50 individually wrapped wipes.

FCR1000	50
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# ROTOR ADAPTORS

## CENTRE LOCK DISC ROTOR ADAPTOR

### Centre Lock Disc Rotor Adaptor



### 5mm QR

FCM1018      5mm QR -  
Uses cassette lock ring removal tool **NEW**



### 15mm/20mm

FCM1019      15mm/20mm -  
Uses external bottom bracket tool **NEW**



# DISC BRAKE ADAPTORS

## POST MOUNT TO INTERNATIONAL STANDARD

### PM to IS F160 Disc Brake Rotor Adaptor



Fibrax disc brake adaptor mounts a 74mm post mount caliper to a 51mm International Standard frame mount to accommodate a 160 front rotor.

FCR1006

### PM to IS F180/R160 Disc Brake Rotor Adaptor



Fibrax disc brake adaptor mounts a 74mm post mount caliper to a 51mm International Standard frame mount to accommodate a 180 front rotor or 160 rear rotor.

FCR1005

### PM to IS F203/R180 Disc Brake Rotor Adaptor



Fibrax disc brake adaptor mounts a 74mm post mount caliper to a 51mm International Standard frame mount to accommodate a 203 front rotor or 180 rear rotor.

FCR1004

International Standard (IS) and Post Mount (PM) compatible. From 140mm to 203mm.

Key Features:

- Aluminium
- From 140mm to 203mm
- Compatible with all brands
- Suit most combinations

## POST MOUNT TO POST MOUNT

### PM to PM F180 Disc Brake Rotor Adaptor



Fibrax disc brake adaptor mounts a 74mm post mount caliper to a 74mm post mount fork mount to accommodate a 180 front rotor.

FCR1003

### PM to PM F203 Disc Brake Rotor Adaptor





Fibrax disc brake adaptor mounts a 74mm post mount caliper to a 74mm post mount fork mount to accommodate a 203 front rotor.




FCR1002



# RIM PADS




## UNSURPASSED BRAKING POWER




  **Fibrax Black** The ideal pad for everyday use. Black provides a hard wearing, rim friendly surface with excellent modulation in both wet and dry conditions.

   **Fibrax Red** Softer than Black, Red gives significantly improved braking power but with reduced modulation.

  **Fibrax Xtreme** Perfect for wet and wintery conditions. Our unique formula ensures this hardwearing pad provides excellent braking and modulation when you need it most.

   **Fibrax Grey** The ultimate pad for carbon rims, offering excellent stopping power in both wet and dry conditions.

 **Fibrax E-Bike** The ideal pad for the higher demands of braking power on an e-bike.

Manufactured using specially selected compounds, our rim pads have been developed to offer excellent braking power in both wet and dry conditions.

# 'V' BRAKES

## Economy



ASH100 Black ☀️ ☁️



ASH102 Black ☀️ ☁️



ASH103 Black ☀️ ☁️



ASH105 Black ☀️ ☁️



ASH106 Black ☀️ ☁️



ASH107 Black ☀️ ☁️



ASH109 Black ☀️ ☁️



ASH110 Black ☀️ ☁️

## Economy LX Replacement Pads



Post or threaded variants

ASH104 Black, threaded ☀️ ☁️

ASH108 Black, post mount ☀️ ☁️

## Low Profile 'V' Brake Pads



Post or threaded variants

ASH710 Black, threaded ☀️ ☁️

ASH810 Black, post ☀️ ☁️

## XTR Upgrade Threaded Holders & Inserts



Supplied with an extra set of Black, Red or Xtreme inserts

ASH750 Black/Red T ☀️ ☁️ ⚡️

ASH750E Black/Xtreme T ☀️ ☁️ ❄️

ASH750B Black/Black T ☀️ ☁️

ASH750EE Xtreme/Xtreme T ☁️ ❄️

## TOE-IN T



- Improved fit.
- Automatic toe-in feature – reduces

noise, provides superior power and gives more control than ever before.

## Water Clearing 'V' Brake Pads



Threaded variant only

ASH730 Black ☀️ ☁️

ASH730E Xtreme ☁️ ❄️

ASH730EEB E-Bike **NEW** E

## Insert Cartridges for 'V' Brake Holders



ASH700 Red ☀️ ☁️ ⚡️

ASH701 Black T ☀️ ☁️

ASH701E Xtreme ☁️ ❄️

ASH709 2 Pair Pack T ☀️ ☁️

ASH705D Dual Cure T ☀️ ☁️ ❄️

ASH705EEB E-Bike **NEW** T E

## XTR Upgrade Threaded Holders & Inserts



ASH760D Dual Cure T ☀️ ☁️ ❄️

ASH751E Xtreme T ☁️ ❄️

ASH751EEB E-Bike T E

## XTR Upgrade Post Type Holders & Inserts



Supplied with an extra set of Black or Red inserts

ASH850 Black/Red ☀️ ☁️ ⚡️

ASH850B Black/Black ☀️ ☁️

# ROAD BRAKES

## SHIMANO AND STANDARD FIT

SRAM, TRP, Tektro, FSA

### Road Caliper Brake Holders & Inserts



Supplied with an extra pair of inserts

ASH450	Black/Red	T	☀️	☁️	⚡️
ASH450B	Black/Black	T	☀️	☁️	
ASH450E	Black/Xtreme	T	☀️	☁️	❄️
ASH450EE	Xtreme/Xtreme	T	☁️	❄️	



ASH460	Black	☀️	☁️	
ASH460R	Red	☀️	☁️	⚡️
ASH460CA	Carbon	☀️	☁️	⌚
ASH460D	Dual Cure	☀️	☁️	❄️
ASH451E	Xtreme	☁️	❄️	
ASH451EEB	E-Bike	NEW	E	

### Insert Pads for Road Holders



ASH410	Black	T	☀️	☁️
ASH410R	Red	T	☀️	☁️
ASH410E	Xtreme	T	☁️	❄️
ASH410CA	Carbon	T	☀️	⌚
ASH410D	Dual Cure	T	☀️	☁️
ASH419	Black, 2 pairs	T	☀️	☁️
ASH410EEB	E-Bike	NEW	T	E

### Economy Complete Road Block



ASH470	Black	☀️	☁️
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## CAMPAGNOLO

### Insert Pads for Road Holders

FOR CAMPAGNOLO 2000



ASH430	Black	☀️	☁️
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FOR CAMPAGNOLO RECORD, CHORUS AND ATHENA



ASH420	Black	☀️	☁️
ASH420R	Red	☀️	☁️
ASH420E	Xtreme	☁️	❄️

## OTHER

### BMX Pads - 60mm L x 15mm W



For 'U' brake systems on over-sized rims

ASH295	Black	☀️	☁️
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### 'Surestop' Cantilever Pads - 60mm



ASH298	Black	☀️	☁️
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### Hydraulic Rim Pads



For Magura systems

ASH651	Black (x = 7mm)	☀️	☁️
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### BULK BRAKE PADS

All Fibrax rim brake pads are available in workshop bulk packs. Less waste. Less packaging. Less space. Less cost.

**Simply substitute 'ASH' for 'DSH' in the part code to order. DSH = 20 pairs.**

# VINTAGE BRAKES

## Flat Top Pads - 55mm



For stirrup brakes

ASH3 Black  


## Raleigh Roadster Pads - 45mm



ASH70 Black  

## Carrier Brake Pads - 58mm



ASH144 Black  



## Raleigh/Philips Pads - 45mm



ASH269 Black  

## Weinmann/Raleigh/Other Pads - 36mm



ASH292 Black, 'X'-Pattern  

## PalPad



Caliper fitting for alloy rims

ASH296G Grey  

## BMX Style Pads - 35mm



Caliper fitting for alloy rims

ASH297 Black  

## 'Surestop' Caliper Pads - 60mm



Improved wear performance and larger pad surface



ASH299 Black  

ASH299R Red   

## 'Raincheater' Pads - 35mm



Caliper fitting for steel rims

ASH300R Black with leather strip  

## 'Alpine' Synthetic Pads - 48mm






Adjustable, with 20mm bolt for 'U' brakes and deluxe cantilever systems

ASH312 Black  

## Synthetic Cantilever Pads - 48mm



ASH501 Black  

ASH501R Black with leather strip  

## 'Alpine' Synthetic Pads - 50mm



For cantilever systems on alloy rims

ASH502 Black  

### BULK BRAKE PADS

All Fibrax rim brake pads are available in workshop bulk packs.

Less waste. Less packaging. Less space. Less cost.

Simply substitute 'ASH' for 'DSH' in the part code to order.  
DSH = 20 pairs.

# **A**CCESSORIES

**IT'S ALL IN THE DETAIL!**





# FERRULES

## Push Fit Sealed Ferrules



For SP4 (4mm) gear outer casing.  
50 supplied in a dispenser bottle.

FCG3202 - (Bottle) **SP4** **50**

## Push Fit Ferrules



For outer casing.  
150 supplied in a dispenser bottle.

FCB3304 - 5mm (Bottle) **SP2/SP5** **150**

FCG3200 - 4mm (Bottle) **SP4** **150**

## Crimp Fit Ferrules



For brake and gear cables.  
200 supplied in a dispenser bottle.

FCB3302 - Brake cables (Bottle) **200**


FCG3204 - Gear cables (Bottle) **200**

## Heavy Duty Ferrules




### For Brake

50 supplied in a plastic dispenser bottle.

FCB3313HD - Silver (Bottle)  **50**

### For Gear

With inner sleeves to fit 4mm gear casing. 50 supplied in a dispenser bottle.


FCG3203HD - Silver (Bottle)  **50**

## Coloured Alloy Ferrules





60 supplied in a dispenser bottle.


### For 2P/SP5 casing & ø1.5mm wire

FCB3313MIX (Bottle)  **60**


FCB3313 - Silver (Bottle)  **60**

FCB3313BLE - Blue (Bottle)  **60**


FCB3313BLK - Black (Bottle)  **60**

FCB3313RED - Red (Bottle)  **60**


FCB3313GRN - Green (Bottle)  **60**


FCB3313GLD - Gold (Bottle)  **60**


### For SP4 casing & ø1.2mm wire


FCG3203MIX (Bottle)  **60**


FCG3203 - Silver (Bottle)  **60**

FCG3203BLE - Blue (Bottle)  **60**

FCG3203BLK - Black (Bottle)  **60**

FCG3203RED - Red (Bottle)  **60**

FCG3203GRN - Green (Bottle)  **60**

FCG3203GLD - Gold (Bottle)  **60**

\*FCG variants supplied with black adapter sleeves for fitment to SP4 outer.

# LIGHT-WEIGHT FERRULES

Our CNC ferrules keep the casing square in the ferrule and frame, reducing cable deformation and friction to give the system a lighter, crisper lever actuation.

### Features:


- CNC machined
- Lightweight aluminium
- Anodised and laser etched
- Reduced drag design


## CNC Lightweight Metal Ferrules




10 supplied in a bag.  
50 supplied in a dispenser bottle.

### For Brake

FCB3154 - Black (Bag)  **10**

FCB3155 - Black (Bottle)  **50**

### For Gear

FCG3131 - Black (Bag)  **10**

FCG3132 - Black (Bottle)  **50**



# BOLTS

## Brake Cable Pinch Bolts



For road calipers.  
Supplied in a retail pack of 2 or in a pack of 100.

FCB1114 - Retail pack of 2	■	2
FCB3311 - Pack of 100	■	100

## Anodized M5 X 15mm Bottle Cage/Rack Bolts



Supplied 2 per order or 50 per order

FCM1000 - Red, pack of 2	■	2
FCM3000 - Red, pack of 50	■	50
FCM1001 - Black, pack of 2	■	2
FCM3001 - Black, pack of 50	■	50
FCM1002 - Blue, pack of 2	■	2
FCM3002 - Blue, pack of 50	■	50
FCM1003 - Green, pack of 2	■	2
FCM3003 - Green, pack of 50	■	50
FCM1004 - Gold, pack of 2	■	2
FCM3004 - Gold, pack of 50	■	50

## Torx Head Rotor Bolts



T25 Torx heads pre-thread locked for ISO standard rotors.

Supplied in a retail pack of 6 or 100 in dispenser bottle as a dealer pack.

FCB1128	6
FCB3308	100

# ADJUSTERS, ENDS, NIPPLES

## Brake Lever Cable Adjusters



Alloy.  
Supplied in a retail pack of 2 or in a pack of 100.

FCB1111 - Retail pack of 2	■	2
FCB3309 - Pack of 100	■	50

## 'V' Brake Guide Pipe & Rubber Boot



FCB2290 - 90°

FCB2291 - 135°

**100 supplied in a bag**

FCB3115 - Rubber boots only	100
FCB3116 - 90° pipes & boots	100
FCB3117 - 135° pipes & boot	100

## Solderless Nipples



6mm solderless nipples (barrel).  
100 supplied in a dispenser bottle.

FCB3307 - (Bottle)	100
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## Crimp Fit Wire End Covers



500 supplied in dispenser bottle.

FCB3301 - Silver (Bottle)	■	500
FCB3301BLE - Blue (Bottle)	■	500
FCB3301BLK - Black (Bottle)	■	500
FCB3301RED - Red (Bottle)	■	500
FCB3301GRN - Green (Bottle)	■	500
FCB3301GLD - Gold (Bottle)	■	500
FCB3301MIX - (Bottle)	■	500

## O-Rings



For inner wire.  
600 supplied in a dispenser bottle.

### For Brake

FCB3303 - ø1.5mm inner wire - clear	□	600
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### For Gear

FCG3201 - ø1.2mm inner wire - black	■	600
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# CHAIN

## Bike Chain Quick Link Connector



Available for 9 Speed, 10 Speed and 11 Speed. Supplied in pairs.

FCM1021 - 9 Speed (pair)	NEW
FCM1022 - 10 Speed (pair)	NEW
FCM1023 - 11 Speed (pair)	NEW

# FRAME PROTECTION

# COCKPIT

## Spiral Frame Protector



For brake and gear. Available in black, white, red or mixed.

### 6 Pack

FCM1005B - Black		6
FCM1005R - Red		6
FCM1005W - White		6
FCM1005C - Clear		6 <span style="border: 1px solid red; padding: 2px;">NEW</span>
FCM1005Y - Electric Lime		6 <span style="border: 1px solid red; padding: 2px;">NEW</span>

### 150 Pack

FCM3005B - Black		150
FCM3005R - Red		150
FCM3005W - White		150
FCM3005MIX - Mix		150
FCM3005C - Clear		150 <span style="border: 1px solid red; padding: 2px;">NEW</span>
FCM3005Y - Electric Lime		150 <span style="border: 1px solid red; padding: 2px;">NEW</span>

## Tubular Frame Protector



For brake and gear. Available in ø4mm and ø5mm. Supplied in retail pack of 4.

### For Brake

FCB1142 - ø5mm		4
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### For Gear

FCG1138 - ø4mm		4
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## O Ring Frame Protector



To be fitted over gear and brake wire. Retail Pack of 9.

FCB1113 - Clear		9
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## 'U' Brake Hose Clips



Simply push over the brake hose and click into the frame. Supplied in packs of 10, 50 or 1,000.

FCM1011 - Black	10
FCM3008 - Black	50
FCM3009 - Black	1,000

## 'S'-Clips ("Legohand")



Cable Housing and Hydraulic Hose Rotating S-Clip. Supplied in a pack of 5.

FCM1013 - Black	<span style="border: 1px solid red; padding: 2px;">NEW</span>		5
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## Spiral Cable Wrap



Protects and tidies cables to reduce the birdcage effect at the front of the bike and cross-cable chatter. Available in ø10mm and ø12mm. Supplied in 1m or 100m.

### ø10mm

FCM1014 - Black, 1m	<span style="border: 1px solid red; padding: 2px;">NEW</span>		1
FCM1016 - Black, 100m	<span style="border: 1px solid red; padding: 2px;">NEW</span>		100

### ø12mm

FCM1015 - Black, 1m	<span style="border: 1px solid red; padding: 2px;">NEW</span>		1
FCM1017 - Black, 100m	<span style="border: 1px solid red; padding: 2px;">NEW</span>		100

## Bar End Plugs



Protects your handle bars from water and dirt ingress. Push fit in seconds. Supplied in a pack of 2 or a pack of 60.

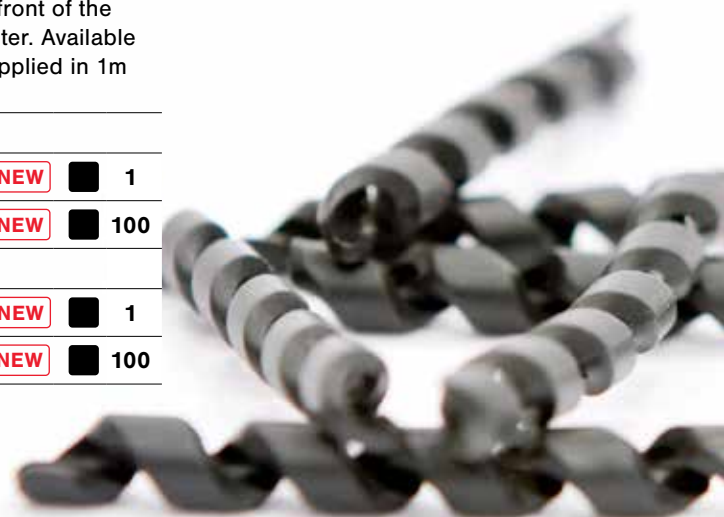
FCM1012 - Black	2
FCM3007 - Black	60

## Garmin / Wahoo GPS Headset Top Cap Mount



CNC machined and top cap mounted to sit in perfect eyeline. Combined with a recycled plastic centre, device retention is perfect.

FCM1020	<span style="border: 1px solid red; padding: 2px;">NEW</span>	
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# CLEANING BLEED KITS

## Disc Brake Cleaner



Air dries without leaving a residue and is perfectly safe for use on plastic, rubber, titanium, carbon and painted surfaces. Supplied as individual 400ml can or as a box of 12 cans.

**Cannot be shipped outside the UK.**

FCM1008 - Individual can	1
FCM1008B - Box of 12 cans	12

## Disc Rotor Wipes



Dries leaving no residue and is safe on plastic, rubber, titanium, carbon and painted surfaces.

Dealer pack of 50 individually wrapped wipes.

FCR1000	50
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## Mineral Oil Bleed Kit

Suitable for Tektro, Shimano, Magura, Giant, Bengal, Hayes, Zoom, Alhonga



- Kit includes:
- Nitrile protective gloves
- 7mm & 8mm Spanner/Wrench
- X2 20ml Syringe
- X2 30ml Syringe
- Universal bleed block with bottle opener
- Hose clamp (for hose cutting & barb installation)
- T10 Torx, 2mm & 2.5mm Allen key
- Reusable extra-long strap
- X8 Tubes
- X8 Syringe adaptors
- X8 Line lockers
- X9 Brake adaptors
- Spare o-ring
- Compatibility chart

FCM1026	<b>NEW</b>
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## DOT Oil Bleed Kit

Suitable for Avid, SRAM, Hope, Formula, Hayes, Bengal



- Kit includes:
- Nitrile protective gloves
- 7mm & 8mm Spanner / wrench
- X4 30ml Syringe
- Universal bleed block with bottle opener
- Hose clamp (for hose cutting & barb installation)
- T10 Torx
- Reusable extra-long strap
- X6 Tubes
- X6 Syringe adaptors
- X6 Line lockers
- X5 Brake adaptors
- Spare o-rings
- Instruction manual
- Compatibility chart

FCM1027	<b>NEW</b>
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## Pro Brake Fluid

Offering system protection with ultimate braking confidence, the high boiling point exceeds international standards. Anti-corrosion additives actively resist oxidation and enable the fluid to operate at pro-level throughout its service life.

Supplied in 1 litre tins.

### Mineral Oil

FCM1026	<b>NEW</b>	1 litre
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### Dot 5.1

FCM1027	<b>NEW</b>	1 litre
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# TOOLS

## Cable Cutter



Suitable for cutting all types of outer casings and inner wires.

Hardened steel jaws.

Rubber coated handle.

One handed opening for quick use.

FCM1010
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## Tyre Lever



Designed to fit comfortably in the hand with an ergonomic feel. Longer length reduces the load the user needs to exert and its wedge tip aids insertion.

FCM1006B - Black	<b>NEW</b>
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# COMPATIBILITY OF OUR BRAKE PADS

BRAKE PRODUCER	MODEL	SEMI-METALLIC	SEMI-METALLIC BULK	SINTERED	SINTERED BULK	FINNED	E-BIKE
<b>A</b>							
Alhonga	SNG mechanical	•	•	•	•	•	•
Avid/SRAM	BB7	ASH975	DSH975	ASH975S	DSH975S	•	•
Avid/SRAM	BB5	ASH976	DSH976	ASH976s	DSH976s	•	•
Avid/SRAM	Code (until 2010)	ASH978	DSH978	ASH978S	DSH978S	•	•
Avid/SRAM	Code 5 (until 2010)	ASH978	DSH978	ASH978S	DSH978S	•	•
Avid/SRAM	Code (from 2011)	ASH979	DSH979	ASH979S	DSH979S	ASH979F	ASH979EB
Avid/SRAM	Elixir (all)	ASH977	DSH977	ASH977S	DSH977S	ASH977F	ASH977EB
Avid/SRAM	DB 1/3/5 hydraulic	•	•	•	•	•	•
Avid/SRAM	Juicy 3	ASH975	DSH975	ASH975S	DSH975S	•	•
Avid/SRAM	Juicy 5	ASH975	DSH975	ASH975S	DSH975S	•	•
Avid/SRAM	Juicy 7	ASH975	DSH975	ASH975S	DSH975S	•	•
Avid/SRAM	Juicy Carbon	ASH975	DSH975	ASH975S	DSH975S	•	•
Avid/SRAM	Juicy Ultimate	ASH975	DSH975	ASH975S	DSH975S	•	•
Avid/SRAM	X0 (SRAM)	ASH979	DSH979	ASH979S	DSH979S	•	•
Avid/SRAM	Road Use (Red)	ASH997	DSH997	ASH997S	DSH997S	•	•
Avid/SRAM	X0 Trail (SRAM)	ASH974	DSH974	ASH974S	DSH974S	ASH974F	ASH974EB
Avid/SRAM	Guide (SRAM)	ASH974	DSH974	ASH974S	DSH974S	ASH974F	ASH974EB
Avid/SRAM	Elixir Trail (SRAM)	ASH974	DSH974	ASH974S	DSH974S	ASH974F	ASH974EB
Avid/SRAM	XX (SRAM)	ASH979	DSH979	ASH979S	DSH979S	•	•
<b>C</b>							
Clarks	CMD-8	ASH926	DSH926	ASH926S	DSH926S	•	•
Clarks	CMD-11 mechanical	ASH926	DSH926	ASH926S	DSH926S	•	•
Clarks	CMD-16	ASH926	DSH926	ASH926S	DSH926S	•	•
<b>D</b>							
Diatech	Mechanical	ASH930	DSH930	•	•	•	•
Diatech	Kinetic	ASH930	DSH930	•	•	•	•
Diatech	Nifon	ASH930	DSH930	•	•	•	•
Diatech	Anchor	ASH932	DSH932	•	•	•	•
Diatech	Spiral Stop	ASH935	DSH935	•	•	•	•
<b>F</b>							
Formula	B4	ASH943	DSH943	ASH943S	DSH943S	•	•
Formula	Bianco	ASH946	DSH946	ASH946S	DSH946S	•	•
Formula	K18	ASH946	DSH946	ASH946S	DSH946S	•	•
Formula	K24	ASH946	DSH946	ASH946S	DSH946S	•	•
Formula	Mega	ASH947	DSH947	ASH947S	DSH947S	ASH947F	ASH947EB
Formula	Oro	ASH946	DSH946	ASH946S	DSH946S	•	•
Formula	Puro	ASH946	DSH946	ASH946S	DSH946S	•	•
Formula	R0	ASH947	DSH947	ASH947S	DSH947S	ASH947F	ASH947EB
Formula	R1	ASH947	DSH947	ASH947S	DSH947S	ASH947F	ASH947EB
Formula	RX	ASH947	DSH947	ASH947S	DSH947S	ASH947F	ASH947EB
Formula	The One	ASH947	DSH947	ASH947S	DSH947S	ASH947F	ASH947EB

BRAKE PRODUCER	MODEL	SEMI-METALLIC	SEMI-METALLIC BULK	SINTERED	SINTERED BULK	FINNED	E-BIKE
<b>G</b>							
Giant	MPH1	ASH956	DSH956	ASH956S	DSH956S	•	•
Giant	MPH 2	ASH957	DSH957	ASH957S	DSH957S	•	•
Giant	MPH 3	ASH957	DSH957	ASH957S	DSH957S	•	•
Giant	Roots 07	ASH991	DSH991	ASH991S	DSH991S	•	•
Grimeca	System 1	ASH980	DSH980	ASH980S	DSH980S	•	•
Grimeca	System 1.1	ASH980	DSH980	ASH980S	DSH980S	•	•
Grimeca	System 16	ASH980	DSH980	ASH980S	DSH980S	•	•
Grimeca	System 16.1	ASH980	DSH980	ASH980S	DSH980S	•	•
Grimeca	System 2	ASH981	DSH981	•	•	•	•
Grimeca	System 2.1	ASH981	DSH981	•	•	•	•
Grimeca	System 2.2	ASH981	DSH981	•	•	•	•
Grimeca	System 5	ASH981	DSH981	•	•	•	•
Grimeca	System 5.1	ASH981	DSH981	•	•	•	•
Grimeca	Systems 7	ASH983	DSH983	ASH983S	DSH983S	•	•
Grimeca	System 14	ASH983	DSH983	ASH983S	DSH983S	•	•
Grimeca	System 16	ASH983	DSH983	ASH983S	DSH983S	•	•
Grimeca	System 6	ASH985	DSH985	•	•	•	•
Grimeca	System 6.1	ASH985	DSH985	•	•	•	•
Grimeca	System 9	ASH985	DSH985	•	•	•	•
Grimeca	System 9.1	ASH985	DSH985	•	•	•	•
Grimeca	System 9.2	ASH985	DSH985	•	•	•	•
<b>H</b>							
Hayes	Dyno	ASH923	DSH923	ASH923S	DSH923S	•	•
Hayes	HFX-9 series	ASH920	DSH920	ASH920S	DSH920S	•	•
Hayes	El Camino	ASH921	DSH921	ASH921S	DSH921S	•	•
Hayes	Stroker Trail	ASH922	DSH922	ASH922S	DSH922S	•	•
Hayes	Stroker Ryde	ASH923	DSH923	ASH923S	DSH923S	•	•
Hayes	Sole	ASH927	DSH927	ASH927S	DSH927S	•	•
Hayes	MX2	ASH927	DSH927	ASH927S	DSH927S	•	•
Hayes	MX3	ASH927	DSH927	ASH927S	DSH927S	•	•
Hayes	HFX-mag	ASH920	DSH920	ASH920S	DSH920S	•	•
Hayes	MX1	ASH920	DSH920	ASH920S	DSH920S	•	•
Hayes	Prime Expert	•	•	•	•	•	•
Hayes	Prime Pro	•	•	•	•	•	•
Hayes	Stroker Ace	•	•	•	•	•	•
Hope	2 Piston	ASH910	DSH910	ASH910S	DSH910S	•	•
Hope	Pro	ASH911	DSH911	ASH910S	DSH910S	•	•
Hope	Sport	ASH912	DSH912	ASH910S	DSH910S	•	•
Hope	DH4	•	•	ASH915S	DSH915S	•	•
Hope	Enduro 4	•	•	ASH915S	DSH915S	•	•
Hope	Tech E4	ASH996	DSH996	ASH966S	DSH966S	•	•
Hope	RX4	ASH996	DSH996	ASH966S	DSH966S	•	•
Hope	Mono 6 (Ti)	ASH919	DSH919	ASH919S	DSH919S	•	•
Hope	M4	•	•	ASH915S	DSH915S	•	•
Hope	Mono Mini	ASH911	•	•	•	•	•
Hope	Mini 2	ASH918	•	•	•	•	•
Hope	Mono 4	ASH990	DSH990	ASH990S	DSH990S	•	•
Hope	Mini X2	ASH914	DSH914	•	•	•	•
Hope	Moto V2	ASH913	DSH913	•	•	•	•
Hope	Tech V2	ASH914	DSH914	•	•	•	•
Hope	Tech X2	ASH914	DSH914	•	•	•	•

BRAKE PRODUCER	MODEL	SEMI-METALLIC	SEMI-METALLIC BULK	SINTERED	SINTERED BULK	FINNED	E-BIKE
<b>M</b>							
Magura	Clara (until 2000)	ASH927	DSH927	ASH927S	DSH927S	•	•
Magura	Clara (2001-2006)	ASH967	DSH967	ASH967S	DSH967S	•	•
Magura	Gustav M	ASH965	DSH965	•	•	•	•
Magura	Julie (until 2008)	ASH968	DSH968	ASH968S	DSH968S	•	•
Magura	Julie HP (from 2009)	ASH961	DSH961	ASH961S	DSH961S	•	•
Magura	Louise (until 2001)	ASH960	DSH960	ASH960S	DSH960S	•	•
Magura	Louise (2002-2006)	ASH967	DSH967	ASH967S	DSH967S	•	•
Magura	Louise (from 2007)	ASH961	DSH961	ASH961S	DSH961S	•	•
Magura	Louise FR (until 2006)	ASH967	DSH967	ASH967S	DSH967S	•	•
Magura	Marta (until 2008)	ASH963	DSH963	ASH963S	DSH963S	•	•
Magura	Marta (from 2009)	ASH961	DSH961	ASH961S	DSH961S	•	•
Magura	Marta SL (until 2008)	ASH963	DSH963	ASH963S	DSH963S	•	•
Magura	MT2/MT4/MT6/MT8	ASH969	DSH969	ASH969S	DSH969S	•	ASH969EB
Magura	MT5/MT7	•	•	•	•	•	•
Magura	MT5	•	•	•	•	•	•
<b>P</b>							
Promax	DSK 600	ASH920	DSH920	ASH920S	DSH920S	•	•
Promax	DSK 400	ASH925	DSH925	ASH925S	DSH925S	•	•
Promax	DSK 610	ASH925	DSH925	ASH925S	DSH925S	•	•
Promax	DSK 610J	ASH925	DSH925	ASH925S	DSH925S	•	•
Promax	Xnine	ASH925	DSH925	ASH925S	DSH925S	•	•
Promax	DSK 310, 715, 720, 913	ASH976	DSH976	ASH976S	DSH976S	•	•
<b>Q</b>							
Quad	Mechanical	ASH953	DSH953	•	•	•	•
<b>R</b>							
RST	Mechanical	ASH970	DSH970	ASH970S	DSH970S	•	•
RST	D-Power mechanical	ASH991	DSH991	ASH991S	DSH991S	•	ASH991EB
<b>S</b>							
Shimano	BR-C 901 (Nexave)	ASH992	DSH992	ASH992S	DSH992S	•	•
Shimano	BR-M 415 (Altus)	ASH991	DSH991	ASH991S	DSH991S	•	ASH991EB
Shimano	BR-M 416	ASH991	DSH991	ASH991S	DSH991S	•	ASH991EB
Shimano	BR-M 465	ASH991	DSH991	ASH991S	DSH991S	•	ASH991EB
Shimano	BR-M 475	ASH991	DSH991	ASH991S	DSH991S	•	ASH991EB
Shimano	BR-M 485	ASH991	DSH991	ASH991S	DSH991S	•	ASH991EB
Shimano	BR-M 486	ASH991	DSH991	ASH991S	DSH991S	•	ASH991EB
Shimano	BR-M 495	ASH991	DSH991	ASH991S	DSH991S	•	ASH991EB
Shimano	BR-M 515 (Deore)	ASH991	DSH991	ASH991S	DSH991S	•	ASH991EB
Shimano	BR-M 525 (Deore)	ASH991	DSH991	ASH991S	DSH991S	•	ASH991EB
Shimano	BR-M 535 (Deore)	ASH993	DSH993	ASH993S	DSH993S	•	•
Shimano	BR-M 555 (Deore)	ASH992	DSH992	ASH992S	DSH992S	•	•

BRAKE PRODUCER	MODEL	SEMI-METALLIC	SEMI-METALLIC BULK	SINTERED	SINTERED BULK	FINNED	E-BIKE
Shimano	BR-M 575 (Deore)	ASH991	DSH991	ASH991S	DSH991S	•	ASH991EB
Shimano	BR-M 585 (Deore LX)	ASH993	DSH993	ASH993S	DSH993S	•	•
Shimano	BR-M 601 (Hone)	ASH993	DSH993	ASH993S	DSH993S	•	•
Shimano	BR-M 755 (Deore XT)	ASH990	DSH990	ASH990S	DSH990S	•	•
Shimano	BR-M 615	ASH995	DSH995	ASH995S	DSH995S	•	ASH995EB
Shimano	BR-M 665 (SLX)	ASH993	DSH993	ASH993S	DSH993S	•	•
Shimano	BR-M 666 (SLX from 2012)	ASH995	DSH995	ASH995S	DSH995S	ASH995F	ASH995EB
Shimano	BR-M 675 (SLX from 2011)	ASH995	DSH995	ASH995S	DSH995S	ASH995F	ASH995EB
Shimano	BR-M 765 (Deore XT)	ASH993	DSH993	ASH993S	DSH993S	•	•
Shimano	BR-M 775 (Deore XT)	ASH993	DSH993	ASH993S	DSH993S	•	•
Shimano	BR-M 785 XT (from 2011)	ASH995	DSH995	ASH995S	DSH995S	ASH995F	ASH995EB
Shimano	BR-M 800 (Saint)	ASH993	DSH993	ASH993S	DSH993S	•	•
Shimano	BR-M 810 (Saint)	ASH994	DSH994	ASH994S	DSH994S	ASH994F	ASH994EB
Shimano	BR-M 965 (XTR)	ASH993	DSH993	ASH993S	DSH993S	•	•
Shimano	BR-M 966 (XTR)	ASH993	DSH993	ASH993S	DSH993S	•	•
Shimano	XTR (from 2011)	ASH995	DSH995	ASH995S	DSH995S	•	ASH995EB
Shimano	BR-M 975 (XTR)	ASH993	DSH993	ASH993S	DSH993S	•	•
Shimano	BR-M 985	ASH995	DSH995	ASH995S	DSH995S	ASH995F	ASH995EB
Shimano	BR-RS 805/505	•	•	•	•	•	•
Shimano	Dura Ace R9120, R9170, BR-R9170 XTR BR-M9100 Ultegra R8020, BR-R8070 105 R7020, BR-R7070 Metrea BR-U5000 Tiagra BR-4770 GRX BR-RX810, BR-RX400, BR-RS805, BR-RS505, BR-RS405, BR-RS305. K02S, K02Ti, K03Ti, K04S, K04Ti, L02A, L04C (None Series)	ASH999	DSH999	ASH999S	DSH999S	ASH999F	ASH999EB
Suntour	XCC	•	•	•	•	•	•



BRAKE PRODUCER	MODEL	SEMI-METALLIC	SEMI-METALLIC BULK	SINTERED	SINTERED BULK	FINNED	E-BIKE
<b>T</b>							
<b>Tektro</b>	Auriga Comp	ASH991	DSH991	ASH991S	DSH991S	•	ASH991EB
<b>Tektro</b>	Auriga E-Comp	ASH991	DSH991	ASH991S	DSH991S	•	ASH991EB
<b>Tektro</b>	Auriga E-SUB	•	•	•	•	•	•
<b>Tektro</b>	Auriga Pro	ASH991	DSH991	ASH991S	DSH991S	•	ASH991EB
<b>Tektro</b>	Auriga SUB / TWIN	•	•	•	•	•	•
<b>Tektro</b>	Aquila	ASH991	DSH991	ASH991S	DSH991S	•	ASH991EB
<b>Tektro</b>	Dorado	•	•	•	•	•	•
<b>Tektro</b>	Draco	ASH991	DSH991	ASH991S	DSH991S	•	ASH991EB
<b>Tektro</b>	Gemini	ASH991	DSH991	ASH991S	DSH991S	•	ASH991EB
<b>Tektro</b>	IO	ASH958	DSH958	ASH958S	DSH958S	•	•
<b>Tektro</b>	IOX (non-slotted)	•	•	•	•	•	•
<b>Tektro</b>	IOX (slotted)	•	•	•	•	•	•
<b>Tektro</b>	Lyra (non-slotted)	•	•	•	•	•	•
<b>Tektro</b>	Lyra (slotted)	•	•	•	•	•	•
<b>Tektro</b>	Novela	ASH955	DSH955	ASH955S	DSH955S	•	•
<b>Tektro</b>	Novela 2011	•	•	•	•	•	•
<b>Tektro</b>	Orion	ASH991	DSH991	ASH991S	DSH991S	•	ASH991EB
<b>Tektro</b>	Orion 4P HD-M745	ASH994	DSH994	ASH994S	DSH994S	ASH994F	ASH994EB
<b>Tektro</b>	Volans	•	•	•	•	•	•
<b>Tektro</b>	HD-R310, HD-R510 F10BS, F10XS	ASH999	DSH999	ASH999S	DSH999S	ASH999F	•
<b>TRP</b>	Hylex HD-C810 (Flat Mount) Hylex RS HD-C811 (Flat Mount) HD-T910 Hydraulic TT F10RS, F10XS	ASH999	DSH999	ASH999S	DSH999S	ASH999F	•
<b>X</b>							
<b>XLC</b>	Model 2 (until 2009)	ASH967	DSH967	ASH967S	DSH967S	•	•
<b>XLC</b>	Model 3 (from 2009)	ASH991	DSH991	ASH991S	DSH991S	•	•
<b>XLC</b>	BR-D01	ASH991	DSH991	ASH991S	DSH991S	•	•
<b>XLC</b>	BR-D02 mechanical	ASH976	DSH976	ASH976s	DSH976s	•	•
<b>XLC</b>	BR-D02 hydraulic	ASH991	DSH991	ASH991S	DSH991S	•	•
<b>XLC</b>	BR-D03	ASH970	DSH970	ASH970S	DSH970S	•	•

# TIPS & TRICKS

## HOW TO LOOK AFTER YOUR DISC BRAKE SYSTEM

1. Remove the wheel and rotor.
2. **Zeroing rotor:**  
Lay rotor on a flat clean surface and spray with disc brake cleaner. Using a sanding block, scrub the entire rotor in a circular motion. Once wet sanded, blast contaminants off. Repeat twice. Turn over the rotor and repeat step 4. Install the freshly zeroed rotor WITHOUT touching the braking surface and torque to correct settings.
3. **Cleaning pistons:**  
Push pistons out halfway, clean with a cotton bud and disc brake cleaner. Push pistons back using a piston press tool or tyre lever, replace brake pads. DO NOT USE A SCREWDRIVER!
4. Install wheel.
5. **Aligning calliper and pistons:**  
Align calliper to rotor using the two alignment bolts and torque to spec. Pull the lever so that the pistons start to touch the rotor.
6. WITHOUT MOVING THE CALLIPER, balance the pistons to the rotor by putting a flat edge against the rear of the opposite brake pad. Lever gently inwards, alternate until the pads hit and release the rotor equally and at the same time. The rotor should not move at all when the lever is pulled.
7. **Bedding in brakes:**  
15 - 20 short sharp pulls without coming to a complete stop, from around 20mph to 2mph each time. A slow but continuous rise of temperature allows the brake system to bond, resulting in a more powerful and longer lasting brake.

## HOW TO CUT OUTER CASING CORRECTLY

### Gear Outer Casing

When cutting gear outer casing, it is best to make a square cut. If this is not possible, file or linish until it is square.

### Brake Outer Casing:

When cutting the brake outer casing, make a large loop and cut at the top of the loop. This opens out the helical core, which aids cutting. Then linish or file square.

For best results use the Fibrax cable cutter.

## HOW TO LOOK AFTER A RIM BRAKE SYSTEM

1. Remove the brake pad insert.
2. Clean the braking surface with disc brake cleaner.
3. Install new pad inserts.
4. **Aligning the rim pad:**  
Loosen the centre bolt and align the brake pad to the braking surface. Pull the brake on to lock the positioning of the brake pad. Tighten the pinch bolt to spec.

If you use one of our toe-in brake pads, you are done!

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