



MORE CONTROL..



HYDRA & MECH SYSTEMS 07 / 08

CONTENTS

HYDRA SYSTEMS

HYDRAHOSE & FULL HYDRAULIC DISC BRAKE TUBE KIT	2
MECHANICAL DISC BRAKE CABLE KIT	6
THE GRIPPER	7
THE GRIPPER & END PRESS	8
UNIVERSAL BLEEDING KIT & DISC BRAKE OIL	9
HOSE BULK PACKAGING & HOSE CUTTER.....	10
ORGANIC DISC BRAKE PADS	11
SEMI-METALLIC DISC BRAKE PADS	13
CERAMIC SINTERED DISC BRAKE PADS	15
DISC BRAKE ROTOR	17
TITANIUM NITRITE ROTOR & CENTER-LOCK ADAPTER	18
REPLACEMENT FITTINGS AND ACCESSORIES	19
HOSE SET FITTINGS / WORKSHOP SERIES	20
HYDRAULIC FITTINGS	21
HYDRAULIC HOSE SYSTEMS ASSEMBLY OPTIONS	22

MECH SYSTEMS

i-LINK™	25
BULLET PROOF CABLE KIT	26
SLEEK GLIDE ZILVER CABLE KIT.....	27
SLEEK GLIDE GOLDEN CABLE KIT.....	28
SEALED DERAILLEUR HOUSING	29
HIGH PERFORMANCE CABLES	30
INNER CABLES	31
HOUSING & CABLE SET	32
BIG JAW CRIMPER & CABLE CUTTER	33
INNER CABLE STRUCTURE	34
CASINGS STRUCTURE	35
HOUSING COMPONENTS	37
SEALED FERRULES & LEVER ADJUSTER	39
CABLES O-RINGS, END CAPS & CABLE BOLTS.....	40
BRAKE COMPONENTS-ADJUSTING SCREWS & GUIDE PIPES	41
SHIFTING COMPONENTS & FRAME COMPONENTS	42

HYDRAHOSE



HYDRAHOSE™ uses original Dupont P.T.F.E. (Polytetraflouoroethylene) and polymer underlay which is the premier polymer used for Formula1 racing. It has exceptional low and high temperature ranges, superior flex and fatigue life compared to nylon and other polymers.

HYDRAHOSE™ is re-Inforced with braided Kevlar® brand fiber, It has excellent thermal stability allowing long term use at temperatures up to 160°C without significant strength loss with superior fatigue resistance compared to steel.

This unique combination of high strength to weight ratio makes **HYDRAHOSE™** stronger and lighter than other systems.

Alligator's professional hydraulic hose options, Super Supreme and Supreme are strengthened with AISI 304 stainless steel wire mesh for the lowest expansion, maximum burst strength and exceptional durability.



Proven at 350 km/h

HydraHose

The new HydraHose™ line of hydraulic brake hoses from Alligator utilizes original Dupont P.T.F.E. (Polytetraflouoroethylene) and a polymer underlay - The premier polymer used in Formula 1 racing.

- Re-enforced with braided Kevlar® brand fiber for outstanding thermal stability.
- Strengthened with AISI 304 stainless steel wire mesh for low expansion, maximum burst strength and superior durability.

SUPER SUPREME™

Dupont's P.T.F.E. underlay re-inforced with braided Kevlar brand fiber and strengthened with AISI 304 stainless steel wire mesh plus a scratch resistant cover.
Minimum bursting strength of 1000 Bar (15,000 PSI) (aprox.)
Temperature range of -40°C to +240°C
Minimum tensile strength of 450 Kgs



SUPREME™

POLYMER underlay re-inforced with braided Kevlar brand fiber and strengthened with AISI 304 stainless steel wire mesh plus a scratch resistant cover.
Minimum bursting strength: 1000 Bar (15,000 PSI) (aprox.)
Temperature ranger of -40°C to +120°C
Minimum tensile strength of 450 Kgs



ULTIMATE™

Polymer underlay re-inforced fiber.
Minimum bursting strength of 450 Bar (6,500 PSI) (aprox.)
Temperature ranger of -40°C to +120°C
Minimum tensile strength of 250 Kgs



FULL HYDRAULIC DISC BRAKE TUBE KIT

SUPER SUPREME™

Dupont's P.T.F.E. underlay re-enforced with braided Kevlar brand fiber and strengthened with AISI 304 stainless steel wire mesh plus a scratch resistant cover.
Minimum bursting strength of 1000 Bar (15,000 PSI) (approx.)
Temperature range of -40°C to +240°C
Minimum tensile strength of 450 Kgs (apox.)



Universal

FITTING OPTIONS™



HK-SSU001-UNIVERSAL



HK-SSU002



HK-SSU003



HK-SSU004



HK-SSU005

SUPER SUPREME™

HK-SSU001 Suitable for all Magura / Hayes / Shimano / Grimeca / Hope / Formula / Giant / Clim8 / Gatorbrake & Avid

HK-SSU002 Suitable for magura Louise, Clara, Julie, Gustav M, Marta / Clim8 / Gatorbrake & Avid

HK-SSU003 Suitable for Hayes EL Camino, Hfx-Mag Plus, HD / XC, 9Carbon, 9HD, 9XC & Sole

HK-SSU004 Suitable for Shimano XTR, Deore, Deore XT, LX, Hone, Saint & Alfine

HK-SSU005 Suitable for Hope / Formula / Giant MPH

SUPREME™

POLYMER underlay re-inforced with braided Kevlar brand fiber and strengthened with AISI 304 stainless steel wire mesh plus a scratch resistant cover.

Minimum bursting strength: 1000 Bar (15,000 PSI) (approx.)

Temperature ranger of -40°C to +120°C

Minimum tensile strength of 450 Kgs (apox.)



Universal



FITTING OPTIONS™



HK-SU001-UNIVERSAL



HK-SU002



HK-SU003



HK-SU004



HK-SU005

SUPREME™

HK-SU001 Suitable for all Magura / Hayes / Shimano / Grimeca / Hope / Formula / Giant / Clim8 / Gatorbrake & Avid

HK-SU002 Suitable for magura Louise, Clara, Julie, Gustav M, Marta / Clim8 / Gatorbrake & Avid

HK-SU003 Suitable for Hayes EL Camino, Hfx-Mag Plus, HD / XC, 9Carbon, 9HD, 9XC & Sole

HK-SU004 Suitable for Shimano XTR, Deore, Deore XT, LX, Hone, Saint & Alfine

HK-SU005 Suitable for Hope / Formula / Giant MPH

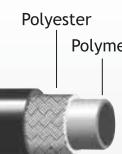
FULL HYDRAULIC DISC BRAKE TUBE KIT

ULTIMATE™

Polymer underlay re-inforced with braided polyester fiber.
Bursting strength of 450 Bar (6,500PSI) (aprox.)
Temperature range of -40°C to +120°C
Tensile strength of 250kgs. (aprox.)



Universal



FITTING OPTIONS™



HK-UL001 UNIVERSAL

HK-UL002

HK-UL003



HK-UL004

HK-UL005

ULTIMATE™

- | | |
|-----------------|--|
| HK-UL001 | Suitable for all Magura / Hayes / Shimano / Grimeca / Hope / Formula / Giant / Clim8 / Gatorbrake & Avid |
| HK-UL002 | Suitable for magura Louise, Clara, Julie, Gustav M, Marta / Clim8 / Gatorbrake & Avid |
| HK-UL003 | Suitable for Hayes EL Camino, Hfx-Mag Plus, HD / XC, 9Carbon, 9HD, 9XC & Sole |
| HK-UL004 | Suitable for Shimano XTR, Deore, Deore XT, LX, Hone, Saint & Alfine |
| HK-UL005 | Suitable for Hope / Formula / Giant MPH |

MECHANICAL DISC BRAKE CABLE KIT



SUPER FORTRESS™

A lightweight, double jacketed compressionless housing fortified with stainless steel wire mesh for durability. This brake and gear cable kit features ultra low friction Sleek P.T.F.E. coated cable combines with pre-stretched slick with flat surface for maximum precision and friction free performance.

Highly recommended for all cable actuated disc brake as well as direct pull brakes. Gear kit version also available.



LY-SFPTB-BRAKE



LY-SFPTS-GEAR



Mechanical Disc Brake Compatible

FITTING OPTIONS™



DOUBLE JACKETED COMPRESSIONLESS HOUSING



STAINLESS P.T.F.E. CABLE-GEAR



STAINLESS P.T.F.E. CABLE-BRAKE



ANODIZED SHIELD TIP FERRULES



ANODIZED SHIELD FERRULES



ANODIZED END CAPS



O-RINGS

SUPER FORTRESS™

LY-SFPTB Brake Anodized shield tip ferrules x 4, Anodized shield ferrules x 4, Anodized end caps x 2, O-Rings x 2

LY-SFPTS Shift Anodized shield tip ferrules x 7, Anodized shield ferrules x 3, Anodized end caps x 2, O-Rings x 2

THE GRIPPER™

Hydraulic disc brake hose retainer. Fits up to 6mm hose.



HK-10DIY



The GRIPPER I



HK-26DIY



HK-26

GRIPPER II



ANODIZED ALLOY / SCREW ON



POLYMER / ZIPTIE

THE GRIPPER™ / END PRESS



THE GRIPPER™

Hydraulic disc brake hose retainer. Fits up to 6mm hose.



HK-51DIY



HK-51

GRIPPER III



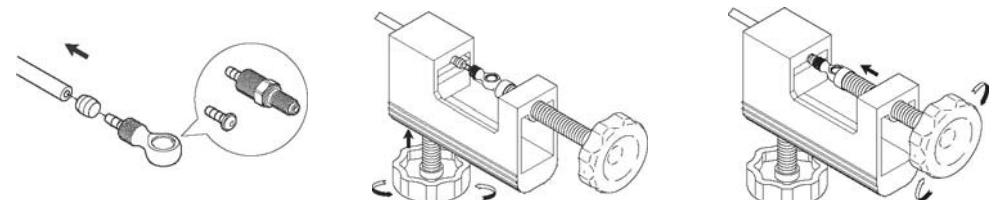
POLYMER / STICK-ON

END PRESS

Screw type lever action for press fit banjo end, inserts and straight connectors.
Prevent hose damage
Anodized black alloy.



HK-INS001



Push-on either banjo ends, inserts or straight connectors onto the hose with the bushing in place.

Place the assembly onto the end press as shown above.

Tighten clamp and rotate lever slowly until the fittings are fully inserted. (Be sure that the hose is secure while rotating)

UNIVERSAL BLEEDING KIT / HYDRAULIC DISC OIL BRAKE

UNIVERSAL BLEEDING KIT

Universal bleed kit for all hydraulic disc brake systems.



HK-UBK001



MINERAL OIL

High viscosity index hyper performance hydraulic mineral oil.
Suitable for all mineral based hydraulic disc brake.



HK-Oil010

HYPER-PERFORMANCE D.O.T. BRAKE FLUID

Compatible for all D.O.T. base disc brake system



HK-Oil010-4



DOT 5.1

HOSE BULK PACKAGING & HOSE CUTTER



HYDRAULIC HOSE CUTTER



HK-CUT003



HYDRAULIC HOSE 25FT RESEALABLE BAG



HYDRAULIC HOSE 30M VOLUME BOX



HYDRAHOSE

HK-SSU025	25ft	Super Supreme
HK-SU0025	25ft	Supreme
HK-UL0025	25ft	Ultimate

HYDRAHOSE

HK-SSU030	30mts	Super Supreme
HK-SU0030	30mts	Supreme
HK-UL0030	30mts	Ultimate

ORGANIC DISC BRAKE PADS

- Organic compound pads
- High static friction co-efficient
- Superb braking performance for both dry and wet
- All weather application

New Compound



10 card / box (for DIY)

12 box/ display box
12 assorted pads model (customer choices)

11 • Pads spring are optional



HK-VX001

Suitable for Magura Louise / Clara 2000



HK-VX002

Suitable for Magura Clara 2001
Louise / Louise FR



HK-VX003



HK-002



HK-VX004

HK-004

Suitable for Magura Julie

Suitable for Magura Gustav M



HK-VX006



HK-006

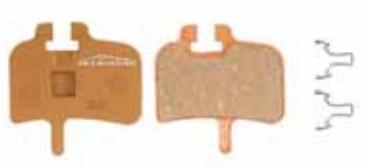
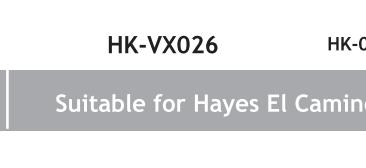
Suitable for Shimano Deore XT (BR-M755)
Grimeca system 8 / Sram / Hope Mono M4



HK-VX007

HK-007

Suitable for Shimano Deore (BR-M555)
NexaveHydraulic (BR-C901)

								
HK-VX08	HK-008	HK-VX010	HK-010	HK-VX012	HK-012	HK-VX015	HK-009-1	HK-VX016
Suitable for Deore Hydraulic(BR-M525)/Deore/Nexave Mechanical (BR-M515/BR-M515-LA/BR-C601/BR-C501/ BR-M525/BR-M475)	Suitable for Hayes Hydraulic / Mechanical MX-1	Suitable for Avid Juicy Hydraulic / Mechanical	Suitable for Hope Technology XC4	Suitable for Magura Marta / SL				
								
HK-VX017	HK-017	HK-VX018	HK-018	HK-VX019	HK-019	HK-VX020	HK-020	HK-022
Suitable for Formula B4 / Team Sport / Pro / Pro+ / SL	Suitable for Shimano XTR / Saint / Deore XT 2004Hone (BR-M965 / BR-M966 / BR-M800 / BR-M765) / BR-M975 / BR-M585 / BR-M415 / BRM535 / BR-M505 / BR-M601 / BR-S500	Suitable for Hope Technology 2 Pots"Mini"	Suitable for Hope Technology M4	Suitable for Formula Oro				
								
HK-VX023	HK-VX024	HK-024	HK-VX025	HK-025	HK-VX026	HK-026	HK-VX027	HK-027
Suitable for Hayes Mechanical MX-2 / MX-3 / MX-4 / Sole	Suitable for Hope Mono 6Ti	Suitable for Hope Mini Mono	Suitable for Hayes El Camino	Suitable for Avid BB5				

SEMI - METALLIC DISC BRAKE PADS

- Semi metallic compound pads
- High static friction coefficient
- Excellent braking performance for both dry and wet
- Double the pads life compared to organic pads
- All weather application



10 card / box (for DIY)



12 box/ display box

12 assorted pads model (customer choices)



HK-BP001



HK-BP002



HK-002



HK-BP003



HK-BP004



HK-004



HK-BP005



HK-BP006



HK-006

Suitable for Magura Louise / Clara 2000

Suitable for Magura Clara 2001 / Louise / Louise FR

Suitable for Magura Julie

Suitable for Magura Gustav M

Suitable for Formula Evoluzione

Suitable for SHIMANO DEORE XT (BR-M755) / Grimeca System 8 / Sram / Hope Mono M4



HK-BP007



HK-BP008



HK-008

Suitable for Shimano Deore (BR-M55) / NEXAVE Hydraulic (BR-C901)

Suitable for Deore Hydraulic (BR-M525) / DEORE / NEXAVE Mechanical (BR-M515/BR-M515-LA/BR-C601/BR-C501/BR-M525/BR-M475)

								
HK-BP009	HK-009	HK-BP010	HK-010	HK-BP011		HK-BP012	HK-012	HK-BP013
Suitable for Hope Technology C2 Giant MPH 2000		Suitable for Hayes Hydraulic/ Mechanical MX-1		Suitable for Cannondale (Coda)		Suitable for Avid Juicy Hydraulic Mechanical		Suitable for Kinetick / Diatech Aero Mechanical
					HK-017		HK-018	
HK-BP015	HK-009-1	HK-BP016		HK-BP017	HK-017	HK-BP018	HK-018	HK-BP019
Suitable for Hope Technology XC4		Suitable for Magura Marta / SL		Suitable for Formula B4 / Team Sport / Pro / Pro+ / SL		Suitable for Shimano XTR / Saint / Deore XT 2004Hone (BR-M965 / BR-M966 / BR-M800 / BR-M765) / BR-M975 / BR-M585 / BR-M415 / BRM535 / BR-M505 / BR-M601 / BR-S500		Suitable for Hope Technology 2 Pots"Mini"
					HK-022			
HK-BP020	HK-020	HK-BP021		HK-BP022	HK-022	HK-BP023		HK-BP024
Suitable for Hope Technology M4		Suitable for Giant MPH 2001-2005		Suitable for Formula Oro		Suitable for Hayes Mechanical MX-2 / MX-3 / MX-4 / Sole		Suitable for Hope Mono 6Ti
			HK-026		HK-027			
HK-BP025	HK-025	HK-BP026	HK-026	HK-BP027	HK-027			
Suitable for Hope Mini Mono		Suitable for Hayes El Camino		Suitable for Avid BB5				

CERAMIC SINTERED DISC BRAKE PADS

- Excellent braking performance in excess of 650 °c
- Triple the pads life compared with organic pads
- High static friction coefficient
- All weather application



5 card / box (for DIY)



12 box/ display box

12 assorted pads model (customer choices)



HK-CSP01

Suitable for Magura Louise / Clara 2000

HK-CSP02

Suitable for Magura Clara 2001
Louise / Louise FR

HK-002

HK-CSP03

Suitable for Magura Julie

HK-002

HK-CSP04

Suitable for Magura Gustav M

HK-004

HK-CSP06

Suitable for Shimano Deore XT (BR-M755)
Grimeca system 8 / Sram / Hope Mono M4

HK-006

HK-CSP07

Suitable for Shimano Deore (BR-M555)
NexaveHydraulic (BR-C901)

HK-007





HK-CSP08

HK-008

Suitable for Deore Hydraulic(BR-M525)/Deore/Nexave Mechanical
(BR-M515/BR-M515-LA/BR-C601/BR-C501/BR-M525/BR-M475)



HK-CSP09

HK-009

Suitable for Hope Technology C2
Giant MPH 2000



HK-CSP10

HK-010

Suitable for Hayes Hydraulic / Mechanical MX-1



HK-CSP12

HK-012



HK-CSP16

Suitable for Magura Marta / SL



HK-CSP17

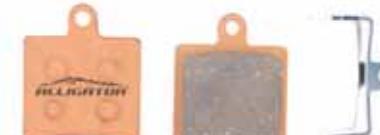
Suitable for Formula B4
Team / Sport / Pro / Pro+ / SL



HK-CSP18

HK-018

Suitable for Shimano XTR / Saint / Deore XT 2004Hone (BR-M965 / BR-M966 /
BR-M800 / BR-M765) / BR-M975 / BR-M585 / BR-M415 / BRM535 / BR-M505 /
BR-M601 / BR-S500



HK-CSP19

HK-019

Suitable for Hope Technology 2 Pots"Mini"



HK-CSP20

HK-020



HK-CSP22

HK-022



HK-CSP24

HK-024



HK-CSP25

HK-025



HK-CSP26

SUB SUB

HK-026

Suitable for Hope Technology M4

Suitable for Formula Oro

Suitable for Hope Mini 6Ti

Suitable for Hope Mini Mono

Suitable for Hayes El Camino

DISC BRAKE ROTOR

HIGH GRADE STAINLESS STEEL ROTORS



PIZZA



HK-R01 160mm

WAVY



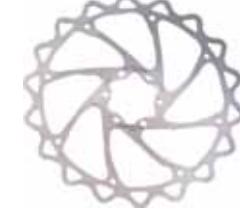
HK-R08 160mm

WIND-CUTTER



HK-R11 160mm

iWAVE



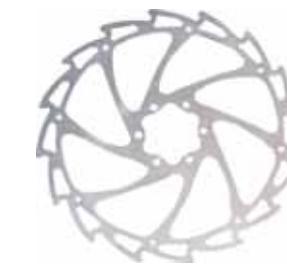
HK-R14 160mm



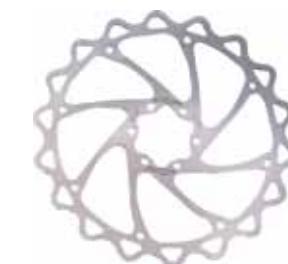
HK-R02 180mm



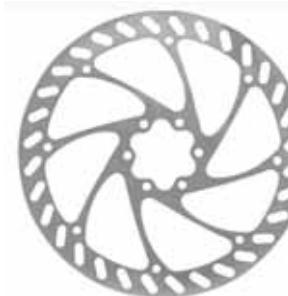
HK-R09 180mm



HK-R12 180mm



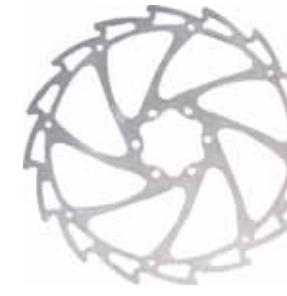
HK-R15 180mm



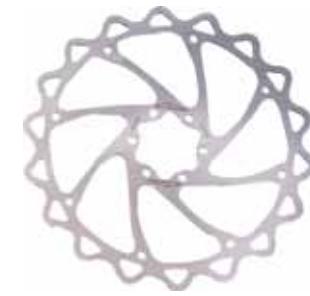
HK-R03 203mm



HK-R10 203mm



HK-R13 203mm



HK-R16 203mm

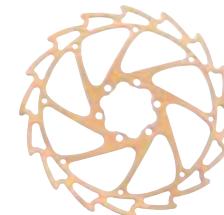
DISC BRAKE ROTOR / CENTER-LOCK ADAPTER



TITANIUM NITRITE COATED

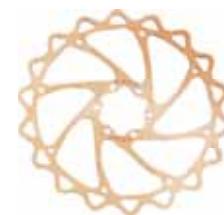


WIND-CUTTER-Ti

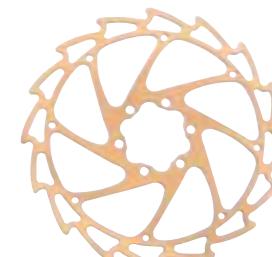


HK-R11 Ti 160mm

iWAVE-Ti



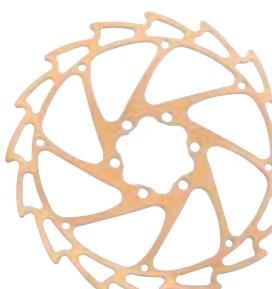
HK-R14 Ti 160mm



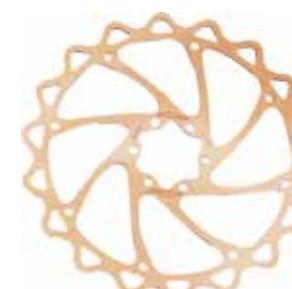
HK-R12 Ti 180mm



HK-R15 Ti 180mm



HK-R13 Ti 203mm



HK-R16 Ti 203mm

CENTER-LOCK ADAPTER

Anodized Black Color
CNC Machined



HK-CLA01

CENTER-LOCK ADAPTER

REPLACEMENT FITTINGS AND ACCESSORIES



HK-10
The GRIPPER



HK-13
Bushing (S)



HK-14
Bushing (L)



HK-15
Compression Nut (Int.)



HK-16
Insert



HK-17



HK-18
Banjo Nut



HK-19
Banjo Bolt



HK-20
Alloy Washer



HK-21
O-ring



HK-22-7



HK-23



HK-24
Plastic Cap



HK-25
Rubber Cap



HK-29



HK-30



HK-40



HK-26



HK-49

Calipers Shim 0.20mm

Banjo End (Alloy) for Evoluzione

Gripper

Insert (Hayes Sole)

HOSE SET FITTINGS / WORKSHOP SERIES



HOSE SET FITTINGS



HK-HST01

Suitable for Magura Marta / Louise Clara / Julie / HS33 caliper side



HK-HST02

Suitable for Shimano XTR / Saint / Deore XT
Nexave / Formula B4 / Magura Gustav / Gatorbrake
Clim8 / Hayes Mag / El Camino caliper side



HK-HST03

Suitable for Hayes HFX9 Carbon / HD / XC caliper side



HK-HST04

Suitable for Magura Marta / Louise / Clara / Julice / HS33
Gustav / Hayes HFX9 / HD / XC / Shimano Saint / Deore
XT / Hone / Coda / Gatorbrake / Avid / Climb8 lever side



HK-HST05

Rotor Torx screw & wrench



Olives



HK-HST08

Suitable for Hayes El Camino /
Sole Lever Side



HK-HST07

Banjo O-rings / Washer



DIY Package

WORKSHOP SERIES

HK-COM001

Complete hydraulic disc brake fittings,
accessories and cutter in carrying case.

Service kit for hydraulic hoses and disc brakes.



HK-COM001 (Full Content)

HK-10	10 pcs	HK-16	50 pcs	HK-20	50 pcs	HK-26	12 pcs
HK-13	100 pcs	HK-17	25 pcs	HK-21	100 pcs	HK-30	50 pcs
HK-14	50 pcs	HK-18	50 pcs	HK-22-7	25 pcs	HK-40	10 pcs
HK-15	20 pcs	HK-19	25 pcs	HK-23	20 pcs	HK-CUT003	1 pcs

HK-COM002 (Half Content)

HK-10	5 pcs	HK-16	25 pcs	HK-20	25 pcs	HK-26	6 pcs
HK-13	50 pcs	HK-17	12 pcs	HK-21	50 pcs	HK-30	25 pcs
HK-14	25 pcs	HK-18	25 pcs	HK-22-7	12 pcs	HK-40	5 pcs
HK-15	10 pcs	HK-19	12 pcs	HK-23	10 pcs	HK-CUT003	1 pcs

HYDRAULIC FITTINGS



HK-13

A Bushing (S)



HK-15

B Compression Nut (Int.)



HK-16

C Insert



HK-17

D Banjo End (Stainless Steel)



HK-18

E Banjo Nut



HK-19

F Banjo Bolt



HK-22-7

G Straight connector for Magura/Hayes



HK-23

H Compression Nut (Ext.)



HK-40

I Banjo End (Alloy) for Evoluzione



HK-14

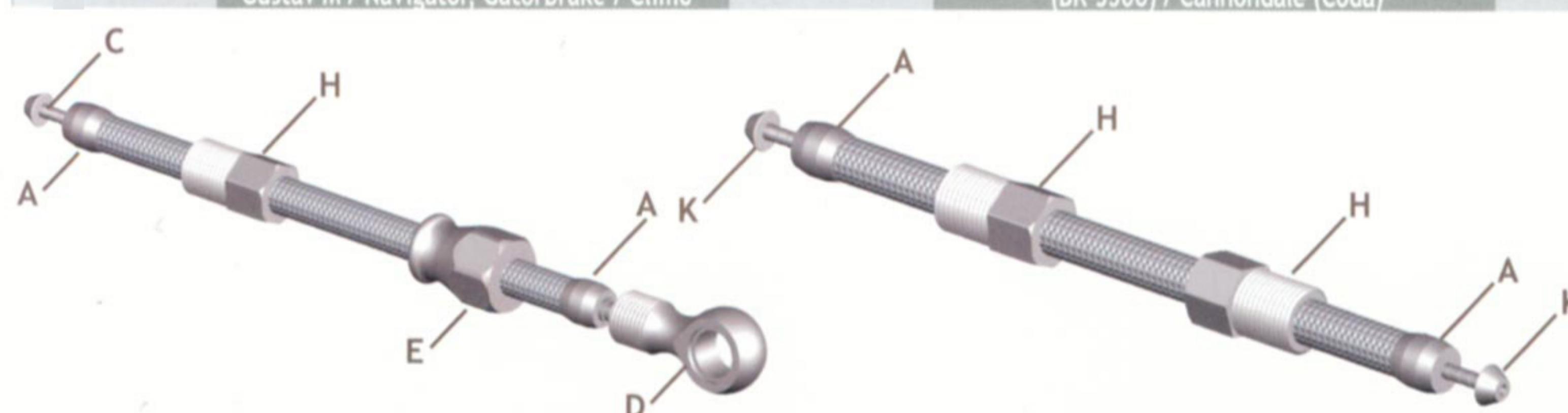
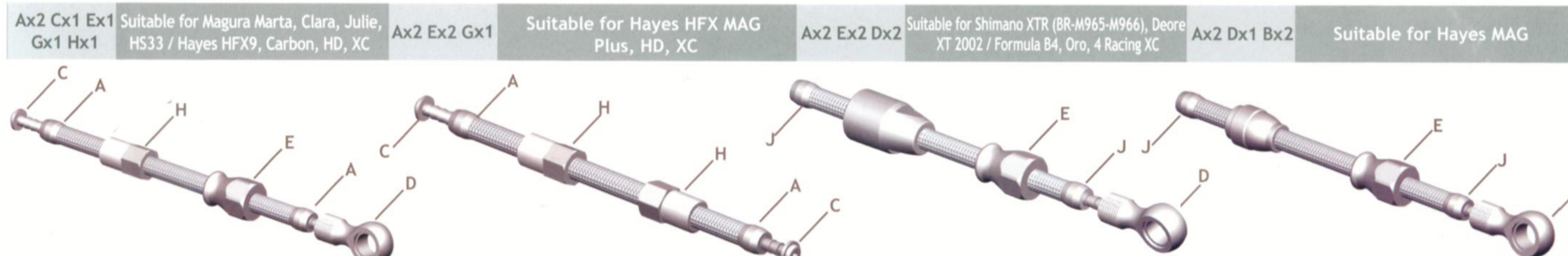
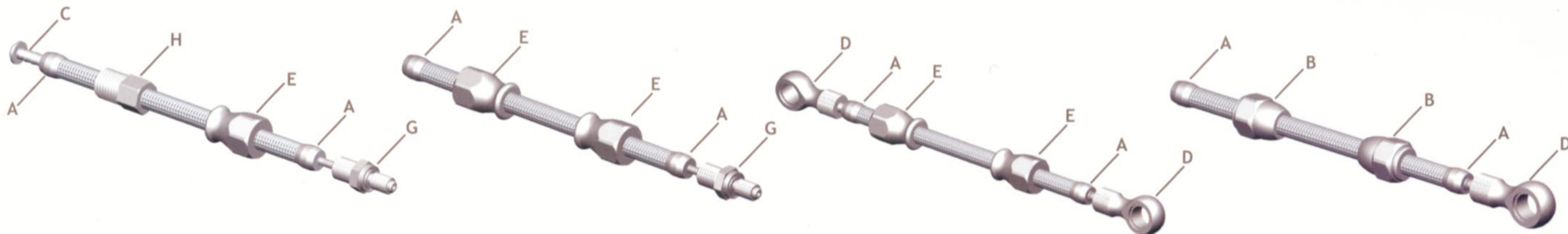
J BUSHING(L)



HK-49

K Insert for Hayes Sole / El Camino

HYDRAULIC HOSE SYSTEMS & ASSEMBLY OPTIONS



Ex1 Dx1 Jx2 | Suitable for Hope and Giant MPH | Jx2 Ex1 Dx1 | Suitable for Formula Evoluzione