

# BrakeQuip®

////// INNOVATIVE SOLUTIONS FOR AUTOMOTIVE TUBES AND HOSES

## Dealer Catalog

BQF-11.1  
MAY 2016

Rubber Brake Hoses  
Braided Brake Hoses OE Style  
Braided Brake Hoses Low Profile Style  
Power Steering Hoses



## BrakeQuip Programs

Add new customers and more profits to your business

### OE Rubber Brake Hose Program

Can replicate most OE brake and clutch hoses using OE design fittings that comply with DOT standards – usually while the customer waits. Hoses can be made for any type of vehicle with hydraulic brakes – from motorcycles to industrial equipment.

### Stainless Steel Braided Brake Hose Program

Choose from TWO Styles – OE Style fitting or Low Profile Fitting! Can replicate most OE brake and clutch hoses with stainless braided hose that complies with DOT standards – usually while the customer waits.

### Metal Tube Program

Duplicate any automotive metal tube instantly and profitably using the BrakeQuip EziBend tube and the BrakeQuip high speed flaring tool. Tubes can be made while the customer waits.

### Power Steering Program

Repair automotive power steering hoses using the highest OEM quality hose available. Choose braze on or compression fittings and hoses that incorporate noise resistant technology.

### Fuel Line Program

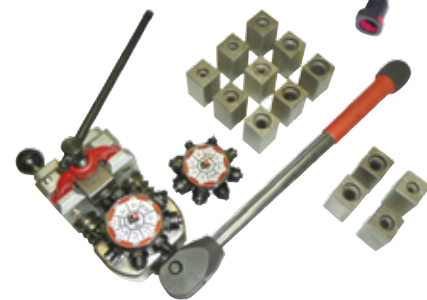
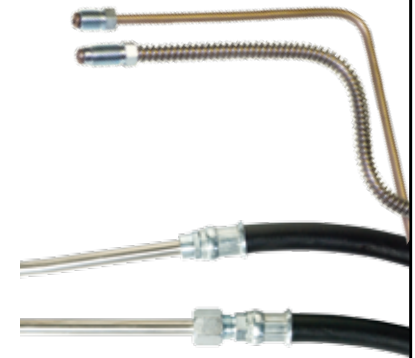
Repair or replace fuel lines for virtually all vehicles in minutes. No special tools required.

### BrakeQuip Tool Program

BrakeQuip offers a range of unique speciality tools that are highly productive for the automotive plumbing professional.

### Specialty Fitting Program

The one stop shop for automotive fittings including metric and hard to get fittings. Custom made fittings available. A full range of assortment kits makes sure you have your fitting on hand.



# CONTENTS

TITLE	PAGE NO.	TITLE	PAGE NO.
<b>General Information</b>		<b>Metric Female Fittings</b>	
New Part Numbers.....	2	Clip Mount – Inverted Seat.....	46–47
Educational Topics.....	2	Clip Mount – Drill-Point Seat.....	48–51
Stainless Steel Fittings.....	3	Bolt-On Mount.....	51
Chrome Fittings.....	3	Bulkhead Mount.....	51
Anodized Aluminum Fittings.....	3	Spline Mount.....	52
Special Orders.....	3	Bracket Mount.....	52–53
General Hardware.....	3	<b>Metric Male Fittings</b>	
<b>General Hose Fittings</b>		Standard Mount.....	54
Male Swivel – 3/8" x 24NF.....	4	Bulkhead Mount.....	54–55
Male Swivel – 7/16" x 20NS.....	4–5	Clip Mount.....	55
Male Swivel – 1/2" and 9/16" NF.....	5	<b>Rubber Brake Hose &amp; Accessories</b> .....	56
Male Swivel – Metric.....	6–7	<b>Rubber Hose Center Support Fittings</b>	
Female Swivel.....	7	Clip Mount.....	57–58
Special.....	8	Bracket Mount.....	58–61
Center Joiner.....	8	<b>Brackets</b>	
Clutch Special.....	9	Fitting Brackets.....	61–64
Compression.....	9	Center Brackets.....	65–68
Lifesaver.....	10	Universal.....	68
Universal.....	10	<b>Brake Hose Grommets &amp; Plastic Clips</b> .....	68–70
<b>Banjo Fittings</b>		<b>Stainless Steel Braided Hose &amp; Accessories</b> .....	71
Round Style – Straight.....	11–13	<b>Braided Hose Center Support Fittings</b> .....	72
Round Style – Bent.....	13–16	<b>Low Profile Fittings</b>	
Block Style – 3/8" Hole.....	16	Crimp Shell.....	73
Block Style – 7/16" Hole.....	17	Lifesavers & Universal.....	73
Block Style – Metric.....	17–19	General.....	73–74
Tube Style – Either Side – 3/8" Hole.....	20	Banjo.....	75–76
Tube Style – Either Side – 7/16" Hole.....	20	Imperial Female.....	76
Tube Style – Either Side – Metric.....	21–22	Imperial Male.....	76–77
Tube Style – Universal.....	22	Metric & Miscellaneous.....	77–78
Tube Style – Left/Right – 3/8" Hole.....	23–26	Seat Stems & Special Tube Nuts.....	79
Tube Style – Left/Right – 7/16" Hole.....	27	<b>Power Steering Program</b>	
Tube Style – Left/Right – 10mm Hole.....	28–32	Hose and Accessories.....	80
<b>Imperial Female Fittings</b>		Crimp Die Sets.....	80
Clip Mount – 3/8" x 24NF.....	33–35	Fittings.....	81–82
Clip Mount – 7/16" x 20NF.....	35	Fabrication Instructions.....	83
Clip Mount – 7/16" x 24NS.....	35–36	<b>Manufacturing System Aids &amp; Accessories</b>	
Clip Mount – 1/2" x 20NF.....	36	Test Cones.....	84
Bolt-On Mount.....	37–38	System Aids.....	84
Bulkhead Mount.....	39–40	Fitting Plugs.....	85
No Mount.....	40	Accessories.....	85
Bracket Mount.....	40–42	<b>Educational Information</b>	
<b>Imperial Male Fittings</b>		Identifying the Correct Thread.....	86
Standard Mount.....	43–44	Identify Fittings in 60 Seconds or Less.....	87
AN Joiner.....	44	Hose Fitting Numbering System.....	87
Bolt-On Mount.....	44	Equivalences for Standard and LP Fittings.....	88
Bulkhead Mount.....	45	<b>Metric Conversion Table</b> .....	89
Clip Mount.....	45	<b>Index</b> .....	90–94
		<b>Promotional Items</b> .....	inside back cover

# NEW PART NUMBERS AND EDUCATIONAL TOPICS

## New and Recent Part Numbers

In the table, those part numbers marked with a \* are entirely new to the catalog.

PART#	DESCRIPTION	PAGE
BQ103	1/8" Brake Hose - House Brand	56
* BQB244	Fitting - Jeep Bracket - Universal	68
HF80	Fitting - Male Swivel Nut M12 x 1 with bleed screw	6
HF93	Fitting - Male Swivel Nut 1/2 x 20NF	5
HF137	Fitting - Male Swivel Nut M12 x 1 (90°)	6
* HF142	Fitting - Male Swivel Nut 1/2" x 20NF	5
HF150	Fitting - Male Swivel Nut 3/8"x24NF with 5/8" Hex	4
HF313	Fitting - Hose Joiner Clip Mount	8
HF314	Fitting - Hose Joiner Clip Mount	8
* HFB59	Fitting - Banjo 11mm x 15mm	17
HFB165	Fitting - Banjo 7/16 x 9/16"	17
HFB166	Fitting - Banjo 7/16 x 9/16"	17
HFB312	Fitting - Banjo 12 x 8mm	19
HFB497	Fitting - Banjo 11 x 14.8mm ('72 - '76 Ford Thunderbird)	27
HFB498	Fitting - Banjo 11 x 14.8mm ('72 - '76 Ford Thunderbird)	27
HFB528	Fitting - Banjo 10 x 10mm (Hyundai Sonata)	12
HFB541	Fitting - Banjo 10 x 10mm (Mazda 2)	16
HFB542	Fitting - Banjo 10 x 10mm (Mazda 2)	16
HFB544	Fitting - Banjo 10 x 10mm (Hyundai Accent/ I20)	31
HFB545	Fitting - Banjo 10 x 10mm (Hyundai Accent/ I20)	31
HFB546	Fitting - Banjo 10 x 10mm (Hyundai Accent/ I20)	31
HFB547	Fitting - Banjo 10 x 10mm (Hyundai ix35/Kia Sportage)	31
HFB548	Fitting - Banjo 10 x 10mm (Hyundai ix35/Kia Sportage)	31
HFB549	Fitting - Banjo 10 x 10mm (Kia Forte)	31
HFB550	Fitting - Banjo 10 x 10mm (Kia Forte)	31
HFB551	Fitting - Banjo 10 x 10mm (Mazda 6)	31
HFB552	Fitting - Banjo 10 x 10mm (Mazda 6)	31
HFB555	Fitting - Banjo 10 x 10mm (Hyundai Veloster)	31
HFB556	Fitting - Banjo 10 x 10mm (Hyundai Veloster)	31
HFB557	Fitting - Banjo 10 x 10mm (Hyundai Sonata)	21
HFB558	Fitting - Banjo 10 x 10mm (Hyundai Veloster/Elantra)	31
HFB559	Fitting - Banjo 10 x 10mm (Hyundai Veloster/Elantra)	32
HFB560	Fitting - Banjo 10 x 10mm (Chevy Colorado)	32
HFB561	Fitting - Banjo 10 x 10mm (Chevy Colorado)	32
HFB564	Fitting - Banjo 10 x 10mm (Subaru Outback)	22
* HFC301A	Fitting - Center Support - Clip mount (supersedes HFC301)	57
HFIF172	Fitting - Female 7/16" x 20NF	35
HFIM35	Fitting - Male 3/8" x 24NF	44
HFIM36	Fitting - Male 3/8" x 24NF	44
HFMF122	Fitting - Female M14 x 1.5	47

PART#	DESCRIPTION	PAGE
* HFMF124	Fitting - Metric Female M10x1 (DPS)	49
HFMF191	Fitting - Female M12 x 1 (DPS) (same as HFMF91 except seat)	49
HFMF360	Fitting - Female M12 x 1 (DPS)	50
HFMF377	Fitting - Female M10 x 1 (DPS) (Hyundai)	53
HFMF378	Fitting - Female M10 x 1 (DPS) (Hyundai)	53
HFMF380	Fitting - Female M10 x 1 (DPS) (Hyundai)	53
HFMF381	Fitting - Female M10 x 1 (DPS) (Hyundai)	50
HFMF382	Fitting - Female M10 x 1 (DPS) (Hyundai)	50
HFMF383	Fitting - Female M10 x 1 (DPS) (Hyundai)	50
HFMF384	Fitting - Female M10 x 1 (DPS) (Hyundai)	50
HFMF385	Fitting - Female M10 x 1 (DPS) (Hyundai)	50
HFMF386	Fitting - Female M10 x 1 (DPS) (Hyundai)	51
LP01-5	Fitting - Lifesaver 8mm	73
* LP34-M10X15S	Fitting - Male Swivel Nut M10x1 - Low Profile Stainless	74
LP125	Fitting - Male Swivel Nut M10x1 DIN 90°	74
LP126	Fitting - Male Swivel Nut M10x1 DIN 45°	74
LP127	Fitting - Male Swivel Nut M10x1 DIN Short Tube	74
* LP128W	Fitting - Metric Female - Low Profile - M10x1 with wire lock	74
* LPB14	Fitting - Low Profile - Banjo 10mm x 13mm	75
* LPC331	Fitting - Center Support	72
LPIF05	Fitting - Low Profile - Imperial Female - 3/8" x 24NF	76
* LPIF10	Fitting - Low Profile - Imperial Female - 3/8" x 24NF	76
* LPIFX01	Fitting - Low Profile - 7/16" x 24NS bulkhead mount	76
* LPIM02-6SS	Fitting - Male 3/8" x 24NF Stainless	76
LPMF04	Fitting - Low Profile - M10x1 clip mount	77
* LPMF10	Fitting - Low Profile - M12x1 clip mount	77
* LPMF11	Fitting - Low Profile - M10x1 clip mount	77
* LPMF14	Fitting - Low Profile - M10x1 inverted seat, clip mount	77
* LPMF15	Fitting - Low Profile - M10x1 inverted seat, clip mount	77
* LPMF16	Fitting - Low Profile - M10x1 clip mount	77
* LPMF20	Fitting - Low Profile - M10x1 clip mount	77
* LPMF24	Fitting - Low Profile - M10x1 clip mount	78
* LPMF28	Fitting - Low Profile - M10x1 clip mount	78
* LPMF48	Fitting - Low Profile - M10x1 inverted seat, bolt-on mount	78
* PSHF112	Fitting - Power Steering 5/16" (and 8mm) Compression	81
PSHF133	Fitting - Power Steering Universal 10mm x 500mm	82
PSHFB130	Fitting - Power Steering Banjo 14mm x 17.3mm	82
PSHFB132	Fitting - Power Steering Banjo 14mm x 17.3mm	82
* PSHFMM131	Fitting - Power Steering Metric Male M16x1.5	82

## Educational Topics

TOPIC	PAGE#
Bending banjo fittings	26
Circular groove on BrakeQuip crimp shells	8
Equivalence of some female fittings	35
Fitting identification	87
Gramophone finish	17
Length of tube-style fittings	7
Location of the banjo hole	22
Locator profiles for female fittings	53, 55

TOPIC	PAGE#
Matching banjo bolts to banjo fittings	32
Metric conversion table	89
Part numbering for low-profile stems	79
Power steering hose fabrication instructions	83
Sealing washers for high-pressure systems	20
Thread identification	86
Threads on female fittings with a bulkhead mount	40
Universal and lifesaver fittings	10



## SPECIAL FINISHES, SPECIAL ORDERS, AND GENERAL HARDWARE

To find each stainless, chrome, or anodized fitting on the given page, look for the same part number but without the letter suffix. For example, see HF07SS. The table reference is to page 4, but on page 4 there is no box for HF07SS. Instead, the box for HF07 contains a note that HF07 is available in stainless as HF07SS.

The three anodized aluminum banjos are equivalent to LPB01-10M on page 75. They are pictured on the front cover of this catalog, along with the anodized crimp shell inserts, to provide a sense of the color of the fittings.

### Stainless Steel Fittings

PART#	DESCRIPTION	PAGE#
BQ177SS	Fitting - Manifold - Harley	78
HF01SS	Fitting - Lifesaver - 3/16" tube	10
HF07SS	Fitting - Male Swivel Nut 7/16"x24NS - 45°	4
HF09SS	Fitting - Female Swivel Nut 3/8NF - Straight	7
HF09WSS	Fitting - Female Swivel Nut 3/8NF - Straight	7
HF11SS	Fitting - Female Swivel Nut 3/8NF - 90°	7
HF12SS	Fitting - Female Swivel Nut 7/16NF - Straight	7
HF13SS	Fitting - Female Swivel Nut 7/16NF - 45°	7
HF14SS	Fitting - Female Swivel Nut 7/16NF - 90°	7
HF15SS	Fitting - Male Swivel Nut 7/16"x24NS	5
HF16SS	Fitting - Male Swivel Nut 3/8"x24NF	4
HF17SS	Fitting - Male Swivel Nut 3/8"x24NF - 90°	4
HF30SS	Fitting - 3/16 Compression	9
HF31SS	Fitting - 1/4 Compression	9
HF43SS	Fitting - Harley Davidson	4
HF45SS	Fitting - Harley Davidson	4
HF155SS	Fitting - Lifesaver - 3/16" tube	10
HFB09SS	Fitting - Banjo 10 x 10mm	11
HFB34SS	Fitting - Banjo 10 x 8mm (Extra long Neck)	11
HFB47SS	Fitting - Banjo 12 x 10mm	11
HFIF01SS	Fitting - Female 3/8" x 24NF	33
HFIM03SS	Fitting - Male 7/16" x 20NF Short	43
HFIM19SS	Fitting - Male 1/8" x 27NPTF	43
HFMF04SS	Fitting - Female M10 x 1 (17mm Flats)	46
HFMM06SS	Fitting - Male M10 x 1 Short	54
LP16-6SS	Fitting - Male Swivel Nut 3/8"x24NF	74
LP17-6SS	Fitting - Male Swivel Nut 3/8"x24NF - 90°	74
LP33-6SS	Fitting - Male Swivel Nut 3/8"x24NF - 45°	74
LP34-M10X1SS	Fitting - Male Swivel Nut - M10x1 - Stainless	74
LP121SS	Crimp Shell - LP - Stainless	73
LP124SS	Crimp Tee - LP - Stainless	78
LPB01-10MSS	Fitting - Banjo 10 x 8mm	75
LPB09-10MSS	Fitting - Banjo 10 x 10mm	75
LPB448-7SS	Fitting - Banjo 7/16" x 10mm	75
LPIF01-6SS	Fitting - Female 3/8" x 24NF	76
LPIM02-6SS	Fitting - Male 3/8" x 24NF	76
LPMF01-M10X1SS	Fitting - Female M10 x 1	77

### Chrome Fittings

PART#	DESCRIPTION	PAGE#
LP09W-6C	Female Swivel Nut 3/8NF	73
LP10W-6C	Female Swivel Nut 3/8NF - 45°	73
LP11W-6C	Female Swivel Nut 3/8NF - 90°	73
LP12W-7C	Female Swivel Nut 7/16" x 20NF	73
LP13W-7C	Female Swivel Nut 7/16" x 20NF - 45°	74
LP14W-7C	Female Swivel Nut 7/16" x 20NF - 90°	74
LP16-6C	Male Swivel Nut 3/8"x24NF	74
LP17-6C	Male Swivel Nut 3/8"x24NF - 90°	74
LP33-6C	Male Swivel Nut 3/8"x24NF - 45°	74
LP45-6C	Male Swivel Nut 3/8NF - 35°	74
LP46-6C	Male Swivel Nut 3/8NF - 90°	74
LPB01-10MC	Banjo 10 x 8mm	75
LPB09-10MC	Banjo 10 x 10mm	75
LPB171-10MC	Banjo 10 x 8.5mm - 40°	75
LPB178-7C	Banjo 7/16" x 8.5mm - 40°	75
LPB448-7C	Banjo 7/16 x 10mm	75
LPIF01-6C	Female 3/8" x 24NF	76
LPIF126-6C	Female 3/8" x 24NF	76
LPMF01-M10X1C	Female M10 x 1	77

### Anodized Aluminum Fittings

PART#	DESCRIPTION	PAGE#
LPB01-10MARD	Fitting - Banjo 10 x 8mm - Red	75
LPB01-10MABL	Fitting - Banjo 10 x 8mm - Blue	75
LPB01-10MABK	Fitting - Banjo 10 x 8mm - Black	75

### Anodized Crimp Shell Inserts

PART#	DESCRIPTION	PAGE#
BQ251-SV	Braided Hose Insert - Silver	71
BQ251-RD	Braided Hose Insert - Red	71
BQ251-PP	Braided Hose Insert - Purple	71
BQ251-GR	Braided Hose Insert - Green	71
BQ251-GD	Braided Hose Insert - Gold	71
BQ251-BL	Braided Hose Insert - Blue	71
BQ251-BK	Braided Hose Insert - Black	71

## Special Orders

Every steel fitting in this catalog is available by special order in stainless steel or chrome, subject to reasonable minimum order quantities which typically will be 500 pieces.

BrakeQuip will consider requests for modifications to catalog fittings — changes to threads, seats, hex sizes, tube forms, and so on — again, subject to reasonable minimum order quantities. No changes to the crimp shell or crimp shell stem will be considered. Send special order inquiries to [sales@brakequip.com](mailto:sales@brakequip.com).

## General Hardware

The Dealer Catalog is devoted to hose and crimp fittings for brake and power steering applications. BrakeQuip also offers copper-nickel and stainless steel tubing, a selection of high-quality tube-working tools, and a wide array of general hardware for automotive plumbing, including tube nuts, banjo bolts, copper washers, adapters, joiners, bleed screws, and more. The catalog for these products, BQAP-CAT, can be downloaded from [brakequip.com](http://brakequip.com).

# GENERAL FITTINGS – MALE SWIVEL

3/8" x 24NF

## HF16



Swivel  
In stainless: HF16SS

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	Double	3/16"	57mm	V

## HF16B



Swivel  
Brass

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	Double	3/16"	49mm	V

## HF17



90° Swivel  
In stainless: HF17SS

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	Double	3/16"	49mm	V

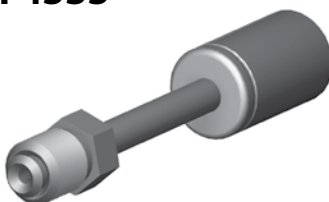
## HF33



45° Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	Double	3/16"	65mm	V

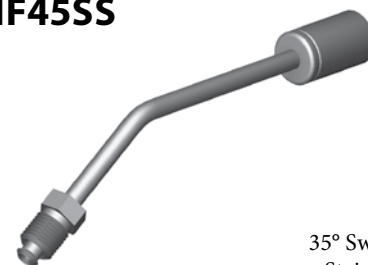
## HF43SS



Swivel  
Stainless

THREAD	FLARE	OAL	FITS
3/8" x 24NF	45°	69mm	US

## HF45SS



35° Swivel  
Stainless

THREAD	FLARE	OAL	FITS
3/8" x 24NF	45°	112mm	US

## HF54



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	Double	3/16"	125mm	US

## HF63



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	Double	3/16"	88mm	V

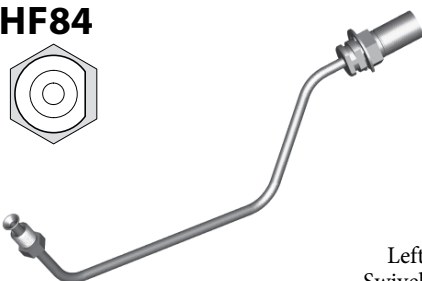
## HF81



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	Bubble	3/16"	76mm	V

## HF84



Left  
Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	Double	3/16"	-	US

## HF150



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	Double	3/16"	45mm	V

7/16" x 24NS

## HF04



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
7/16" x 24NS	Double	1/4"	80mm	V

## HF06



90° Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
7/16" x 24NS	Double	1/4"	61mm	V

## HF07



45° Swivel  
In stainless: HF07SS

THREAD	FLARE	TUBE SIZE	OAL	FITS
7/16" x 24NS	Double	1/4"	76mm	V

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# GENERAL FITTINGS – MALE SWIVEL

**HF15**



Swivel  
In stainless: HF15SS

THREAD	FLARE	TUBE SIZE	OAL	FITS
7/16" x 24NS	Double	1/4"	52mm	V

**HF39**



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
7/16" x 24NS	Double	1/4"	54mm	V

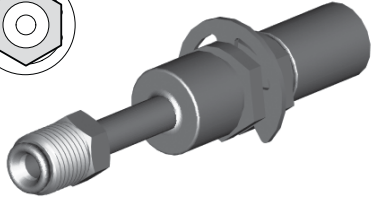
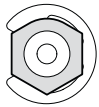
**HF94**



60° Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
7/16" x 24NS	Double	1/4"	-	US

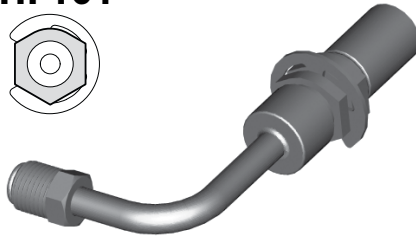
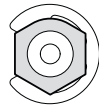
**HF100**



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
7/16" x 24NS	Double	1/4"	81mm	US

**HF101**



90° Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
7/16" x 24NS	Double	1/4"	-	US

**HF119**



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
7/16" x 24NS	45° Double	1/4"	160mm	V

7/16" x 24NS

**HF142**



103° Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
1/2" x 20NF	45° double	1/4"	135mm	V

**HF145**



110° Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
7/16" x 24NS	Double	1/4"	135mm	V

**HF18**



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
1/2" x 20NF	Double	5/16"	80mm	V

**HF28**



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
1/2" x 20NF	Double	5/16"	60mm	V

**HF29**



90° Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
1/2" x 20NF	Double	5/16"	62mm	V

1/2" and 9/16" NF

**HF92**



90° Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
1/2" x 20NF	Double	3/16"	-	US

**HF93**



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
1/2" x 20NF	Double	3/16"	-	US

**HF98**



90° Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
9/16" x 18NF	Double	1/4"	-	US

A = Asian

EU = European

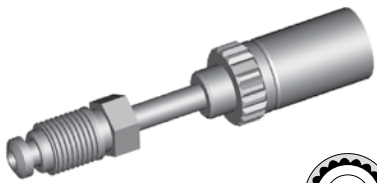
US = United States

UNI = Universal

V = Various

# GENERAL FITTINGS – MALE SWIVEL

**HF08**

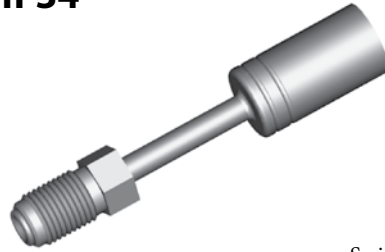


Swivel



THREAD	FLARE	TUBE SIZE	OAL	FITS
M10 x 1	DIN	3/16"	70mm	EU

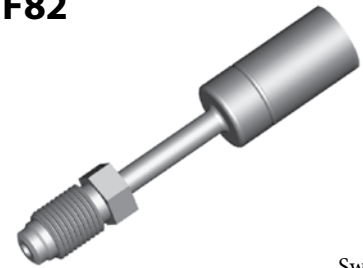
**HF34**



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M10 x 1	Double	3/16"	71mm	V

**HF82**



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M10 x 1	DIN	3/16"	71mm	V

**HF99**



95° Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M10 x 1	DIN	3/16"	-	US

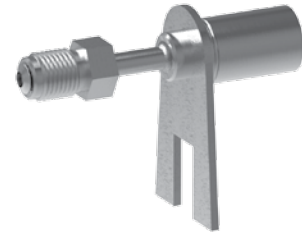
**HF115**



90° Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M10 x 1	DIN	3/16"	-	EU

**HF116**



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M10 x 1	DIN	3/16"	-	EU

**HF117**



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M10 x 1	DIN	3/16"	-	EU

**HF310**



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M10 x 1	DIN	3/16"	72mm	EU

**HF311**



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M10 x 1	DIN	3/16"	60mm	EU

**HF403**



90° Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M10 x 1	Double	3/16"	65mm	V

**HF77**



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M12 x 1	DIN	1/4"	57mm	V

**HF80**



Swivel  
BQ4436 bleed screw

THREAD	FLARE	TUBE SIZE	OAL	FITS
M12 x 1	DIN	1/4"	-	V

**HF137**



90° Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M12 x 1	Bubble	1/4"	57mm	V

M10 x 1

M12 x 1

A = Asian

EU = European

US = United States

UNI = Universal

V = Various



# GENERAL FITTINGS – FEMALE SWIVEL

## HF404



90° Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M12 x 1	Double	3/16"	65mm	V

M12 x 1

## HF09



Swivel  
No. 3 JIC  
In stainless: HF09SS

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	37° Double	3/16"	58mm	V

## HF09W



Swivel  
No. 3 JIC  
In stainless: HF09WSS

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	37°	-	36mm	V

## HF10



45° Swivel  
No. 3 JIC

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	37° Double	3/16"	52mm	V

## HF11



90° Swivel  
No. 3 JIC  
In stainless: HF11SS

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	37° Double	3/16"	45mm	V

## HF12



Swivel  
No. 4 JIC  
In stainless: HF12SS

THREAD	FLARE	TUBE SIZE	OAL	FITS
7/16" x 20NF	37° Double	1/4"	50mm	V

## HF13



45° Swivel  
No. 4 JIC  
In stainless: HF13SS

THREAD	FLARE	TUBE SIZE	OAL	FITS
7/16" x 20NF	37° Double	1/4"	56mm	V

Imperial

## HF14



90° Swivel  
No. 4 JIC  
In stainless: HF14SS

THREAD	FLARE	TUBE SIZE	OAL	FITS
7/16" x 20NF	37° Double	1/4"	48mm	V

## HF61



Swivel  
No. 2 JIC

THREAD	FLARE	TUBE SIZE	OAL	FITS
5/16" NF	37° Double	-	35mm	V

### DID YOU KNOW?

Some flared tube-style fittings are deliberately made longer to make them more broadly applicable. The tubes of these fittings can be bent to the desired shape with plenty of room to place the BQ23 test spade under the nut for testing.

## HF102



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M12 x 1	Double	1/4"	50mm	V

Metric

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# GENERAL FITTINGS – CENTER JOINER

Specials

## HF111



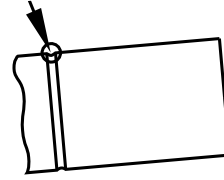
90° Swivel  
O-Ring Included

THREAD	FLARE	TUBE SIZE	OAL	FITS
1/4" x 19BSP	Flat Face	1/4"	-	V

### DID YOU KNOW?

The purpose of the circular groove on the fitting crimp shell is threefold.

1. It helps to differentiate BQ fittings from others.
2. It acts as a depth guide for the hose installation.
3. It is used as a crimp setting guide for the economy crimping systems.



## HF37



THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	8mm	86mm	A

## HF38



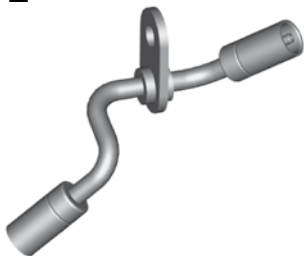
THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	8mm	86mm	A

## HF71



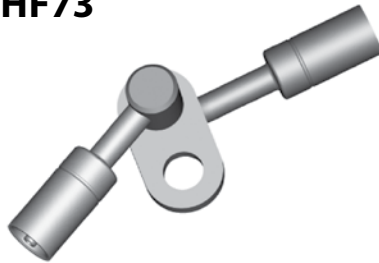
THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	7mm	130mm	A

## HF72



THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	7mm	130mm	A

## HF73



THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	7mm	95mm	A

## HF74



THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	7mm	95mm	A

## HF300



THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	8mm	190mm	US

## HF313



THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	7mm	95mm	A

## HF314



THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	7mm	95mm	A

Center Joiner

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# GENERAL FITTINGS – CLUTCH AND COMPRESSION

**HF35**



THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	-	43mm	US

**HF62**



THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	-	35mm	US

**HF83**



Suits Jeep O-Ring Included

THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	-	35mm	US

**HF114**



O-Ring Included

THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	-	44mm	EU

**HF125**



O-Ring Included

THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	-	50mm	US

**HF30**



For 3/16" Tube  
In stainless: **HF30SS**

THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	3/16"	48mm	UNI

**HF31**



For 1/4" Tube  
In stainless: **HF31SS**

THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	1/4"	51mm	UNI

Clutch Special

Compression

**Note:** Compression Style fittings are not recommended for hydraulic braking systems.

# GENERAL FITTINGS – LIFESAVER AND UNIVERSAL

Lifesaver

## HF01



In stainless: **HF01SS**

THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	3/16"	27mm	UNI

## HF05



Center Support Lifesaver

THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	-	25mm	UNI

## HF26



THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	1/4"	27mm	UNI

## HF27



For tube-style fittings

THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	5/16"	27mm	UNI

## HF120



For banjo fittings with a 7mm shank

THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	7mm	25mm	UNI

## HF155SS

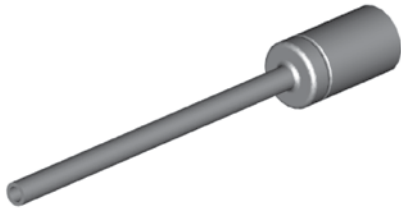


Stainless

THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	3/16"	27mm	UNI

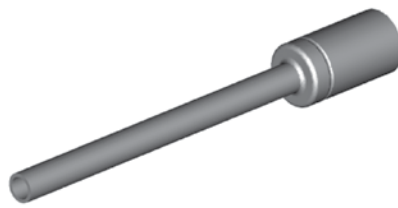
Universal

## HF02



THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	3/16"	100mm	UNI

## HF03



THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	1/4"	100mm	UNI

## HF139



THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	1/4"	200mm	UNI

### DID YOU KNOW?

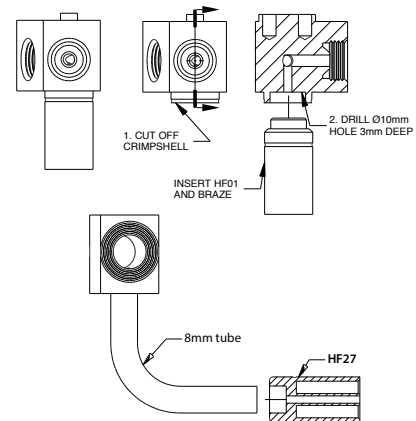
As it is impossible to stock every fitting, BrakeQuip supplies lifesavers to fill in the gaps. Currently BrakeQuip offers five lifesavers, making it easy and efficient for you to reuse the original fitting.

The **HF01** and **HF26** are both designed to work with most standard fittings. Also, both can be used to make fittings with custom tube forms: the **HF01** is for use with 3/16" tube, while the **HF26** is for use with 1/4" tube.

The **HF27** is designed to suit all fittings that have a 5/16" tube.

The **HF120** is designed to reuse all banjo fittings that have 7mm shank, such as the **HFB09**.

The **HF05** is designed to reuse all center support fittings.



A = Asian

EU = European

US = United States

UNI = Universal

V = Various



# BANJO FITTINGS – ROUND STYLE

## HFB01



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	-	54mm	V

## HFB02



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	-	64mm	A

## HFB03



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	-	66mm	A

## HFB05



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	-	65mm	A

## HFB09



In stainless: HFB09SS

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	-	55mm	V

## HFB15



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	23mm	-	52mm	A

## HFB19



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
15mm	13.5mm	25mm	-	45mm	US

## HFB27



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
8mm	6mm	14mm	-	53mm	V

## HFB28



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	22mm	-	54mm	A

## HFB34



In stainless: HFB34SS

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	-	62.5mm	UNI

## HFB35



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	-	80mm	UNI

## HFB36



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	-	84mm	UNI

## HFB37



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	-	64mm	UNI

## HFB47



In stainless: HFB47SS

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
12mm	10mm	19mm	-	55mm	V

## HFB50



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	28mm	-	50mm	US

Straight

Right

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BANJO FITTINGS – ROUND STYLE

Straight

**HFB73**



Left

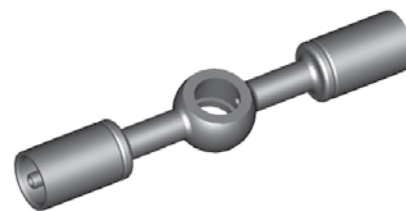
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	28mm	-	50mm	US

**HFB111**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
8mm	13mm	21mm	-	40mm	US

**HFB194**



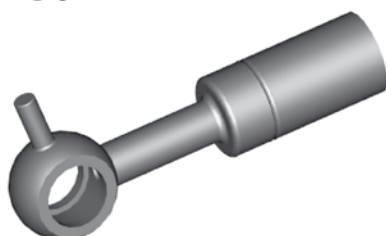
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	-	92mm	V

**HFB288**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	-	61mm	A

**HFB344**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	-	-	58mm	A

**HFB351**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	-	-	55mm	A

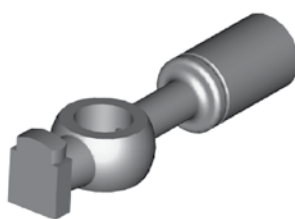
**HFB352**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	-	-	55mm	A

**HFB375**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	-	65mm	EU

**HFB448**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	10mm	19mm	-	60mm	V

**HFB521**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	-	66mm	A

**HFB522**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	-	66mm	A

**HFB523**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	-	60mm	A

**HFB524**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	-	60mm	A

**HFB527**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	-	60mm	A

**HFB528**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	-	55mm	A

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BANJO FITTINGS – ROUND STYLE

**HFB529**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	-	65mm	A

**HFB533**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	14mm	20mm	-	50mm	A

Straight

**HFB10**



Harley

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	9.5mm	19.05mm	70°	-	US

**HFB29**



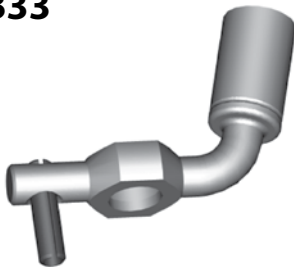
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	28mm	40°	52mm	US

**HFB32**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	90°	39mm	V

**HFB33**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	75°	60mm	A

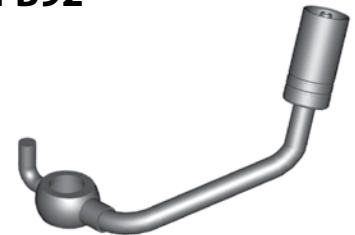
**HFB75**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	90°	61mm	A

**HFB92**

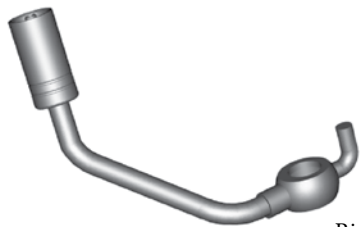


Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	55°	90mm	A

Bent

**HFB93**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	55°	90mm	A

**HFB105**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	21mm	25°	113mm	US

**HFB106**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	21mm	25°	113mm	US

**HFB150**



Harley

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	8.5mm	19mm	-	192mm	US

**HFB157**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	70°	102mm	A

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BANJO FITTINGS – ROUND STYLE

Bent

**HFB158**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	15mm	35mm	35°	57mm	US

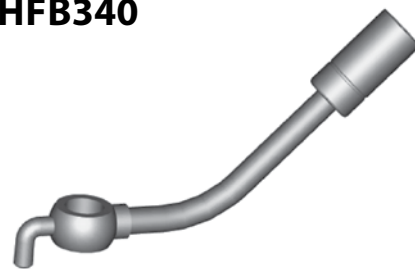
**HFB159**



Right

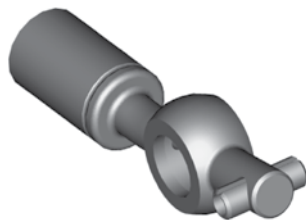
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	15mm	35mm	35°	57mm	US

**HFB340**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	45°	100mm	A

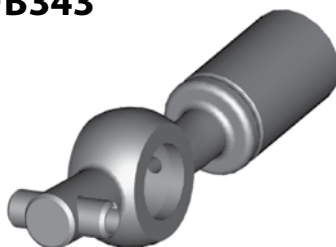
**HFB342**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	15°	60mm	A

**HFB343**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	15°	60mm	A

**HFB345**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	50°	45mm	A

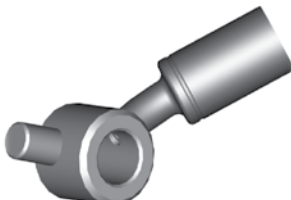
**HFB346**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	50°	45mm	A

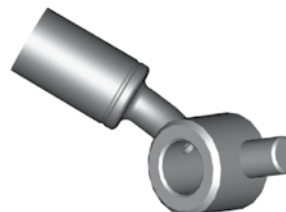
**HFB348**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	15mm	18mm	30°	50mm	A

**HFB349**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	15mm	18mm	30°	50mm	A

**HFB353**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	18mm	75°	60mm	A

**HFB354**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	18mm	75°	60mm	A

**HFB357**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	18mm	40°	60mm	A

**HFB358**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	75°	45mm	A

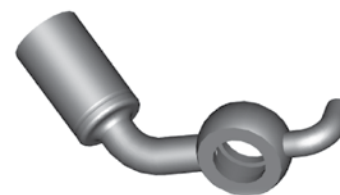
**HFB359**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	75°	45mm	A

**HFB361**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	18mm	55°	65mm	A

A = Asian

EU = European

US = United States

UNI = Universal

V = Various



# BANJO FITTINGS – ROUND STYLE

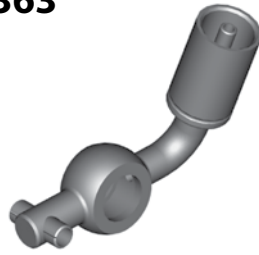
**HFB362**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	18mm	80°	45mm	A

**HFB363**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	18mm	80°	45mm	A

**HFB364**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	18mm	75°	50mm	A

**HFB366**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	20°	-	A

**HFB372**



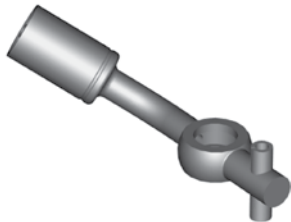
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	60°	45mm	A

**HFB373**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	55°	65mm	A

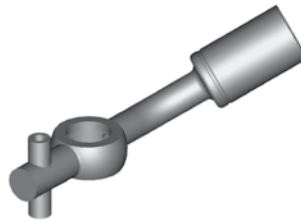
**HFB389**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	45°	75mm	A

**HFB390**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	45°	75mm	A

**HFB456**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	90°	48mm	A

**HFB457**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	90°	48mm	A

**HFB519**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	15°	60mm	A

**HFB520**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	15mm	17mm	15°	67mm	A

**HFB530**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	15°	82mm	A

**HFB531**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	18mm	80°	45mm	A

**HFB532**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	18mm	80°	45mm	A

Bent

A = Asian    EU = European    US = United States    UNI = Universal    V = Various

# BANJO FITTINGS – ROUND STYLE

Bent

**HFB534**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	75°	60mm	A

**HFB535**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	30°	60mm	A

**HFB536**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	30°	60mm	A

**HFB537**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	45°	60mm	A

**HFB538**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	45°	60mm	A

**HFB539**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	40°	40mm	A

**HFB540**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	40°	40mm	A

**HFB541**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	25°	64mm	A

**HFB542**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	25°	64mm	A

Block Style – 3/8" Hole

**HFB67**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	28mm	-	48mm	US

**HFB230**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	7/16"	22mm	10°	45mm	US

**HFB231**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	7/16"	22mm	10°	45mm	US

**HFB243**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	14mm	20.5mm	-	42mm	US

**HFB283**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	14.7mm	20mm	-	42mm	US

**HFB384**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25.4mm	-	45mm	US

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BANJO FITTINGS – BLOCK STYLE

## HFB41



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	14mm	48mm	20°	50mm	US

## HFB48



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	1/2"	25.5mm	15°	49mm	US

## HFB54



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	11mm	19mm	-	43mm	US

## HFB55



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	1/2"	25mm	-	47mm	US

## HFB59



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	15mm	19.5mm	-	52mm	US

## HFB60



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	11.5mm	20mm	10°	46mm	V

## HFB66



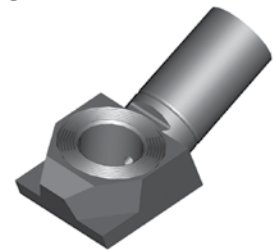
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	14.7mm	19mm	-	41mm	US

## HFB72



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	11mm	19mm	10°	42mm	US

## HFB84



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	11mm	19.8mm	25°	50mm	US

## HFB165



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	14.7mm	32.5mm	20°	65mm	US

## HFB166

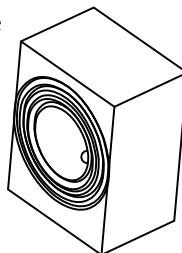


Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	14.7mm	32.5mm	20°	65mm	US

### DID YOU KNOW?

The gramophone finish on some banjo fittings is designed to increase the sealing power of the copper washer. It is usually found on banjo fittings that have a large flat face.



## HFB112



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
8mm	14mm	17mm	35°	50mm	US

7/16" Hole

8mm Hole

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BANJO FITTINGS – BLOCK STYLE

10mm Hole

## HFB07



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	16mm	22mm	27°	59mm	A

## HFB08



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	16mm	22mm	27°	59mm	A

## HFB11



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	16mm	28mm	40°	92mm	A

## HFB12



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	20mm	10°	46mm	V

## HFB13



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	16mm	16mm	-	42mm	V

## HFB14



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	13mm	20mm	20°	55mm	US

## HFB16



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10.4mm	19mm	20°	54mm	EU

## HFB40



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.3mm	19mm	-	42mm	US

## HFB45



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	19.6mm	10°	47mm	US

## HFB46



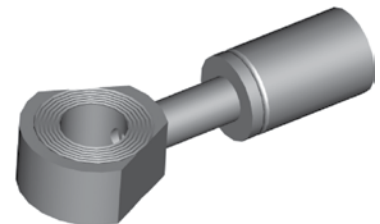
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	17.6mm	10°	44mm	US

## HFB49



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.3mm	19mm	-	44mm	US

## HFB53



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	22mm	-	57mm	US

## HFB56



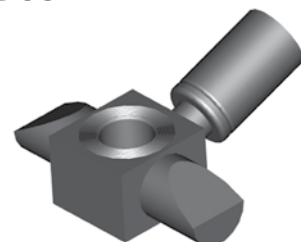
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	26mm	-	45mm	US

## HFB81



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	23mm	16mm	50°	46mm	A

## HFB85



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	14.7mm	48mm	20°	50mm	US

A = Asian

EU = European

US = United States

UNI = Universal

V = Various



# BANJO FITTINGS – BLOCK STYLE

## HFB91



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.4mm	20mm	-	42mm	US

## HFB100



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	-	51mm	EU

## HFB133



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	26mm	-	90mm	US

Right

## HFB134



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	26mm	-	50mm	US

Left

## HFB144



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	17mm	-	46mm	V

## HFB187



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	19mm	-	61mm	EU

10mm Hole

## HFB286



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	22.4mm	-	62mm	US

## HFB300



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.4mm	17mm	15°	50mm	A

## HFB403



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	26mm	-	52mm	US

## HFB101



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
12mm	8mm	19mm	-	51mm	EU

## HFB145



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
12mm	8mm	19mm	-	61mm	EU

## HFB146



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
12mm	11.5mm	20mm	10°	50mm	EU

12mm or 16mm Hole

### CAUTION

Illustrations shown in this reference guide may vary slightly in detail from actual parts due to manufacturer's tolerances and design differences. Note: Illustrations not to scale.

### DISCLAIMER NOTICE

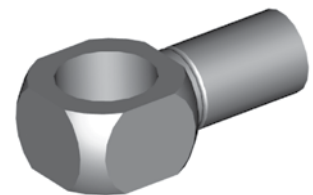
The illustrations and data contained in this illustrated reference guide are intended as an aid in identifying the various products and have been obtained and developed from the specifications and information available. Although BrakeQuip believes that such illustrations and data are correct, errors may exist and further verification on the part of the user may be necessary.

## HFB312



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
12mm	8mm	22mm	30°	57mm	EU

## HFB38



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
16mm	14mm	22.2mm	-	44mm	US

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BANJO FITTINGS – TUBE STYLE – EITHER SIDE

3/8" Hole

## HFB58



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	7/16"	22.2mm	65°	80mm	US

## HFB90



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	7/16"	19mm	35°	75mm	US

## HFB98



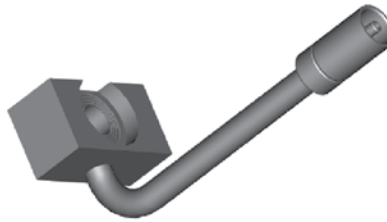
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25mm	25°	120mm	US

## HFB182



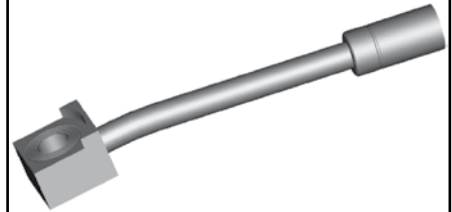
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.2mm	-	165mm	US

## HFB188



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	12.5mm	40mm	90°	116mm	US

## HFB193



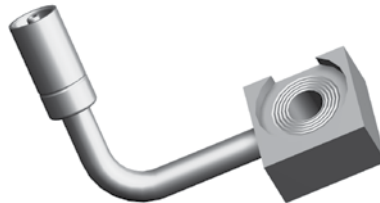
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	23mm	10°	110mm	US

## HFB203



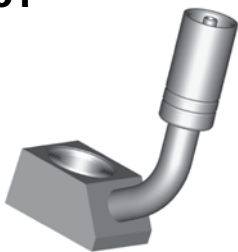
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	11mm	25mm	35°	75mm	US

## HFB273



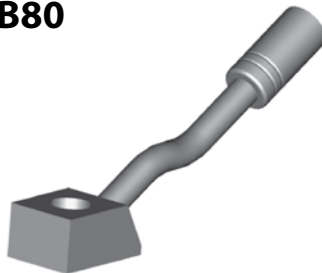
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	28.5mm	90°	-	US

## HFB61



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	14.6mm	22.2mm	105°	60mm	US

## HFB80



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	15mm	20mm	30°	110mm	US

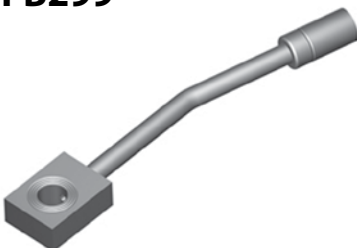
## HFB276



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	14.7mm	22.2mm	90°	65mm	US

7/16" Hole

## HFB299



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	12mm	24.3mm	15°	150mm	US

### DID YOU KNOW?

For sealing high-pressure braking systems, only copper washers or brake fluid compatible bonded washers should be used. Aluminum and nylon washers are for low-pressure systems only and should not be used on braking systems.

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BANJO FITTINGS – TUBE STYLE – EITHER SIDE

## HFB17



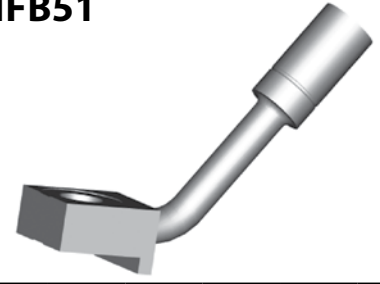
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	17mm	35°	78mm	V

## HFB21



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	17mm	50°	72mm	V

## HFB51



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	22.2mm	55°	75mm	US

## HFB161



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	20mm	30°	121mm	US

## HFB173



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	12mm	22.2mm	50°	118mm	US

## HFB180



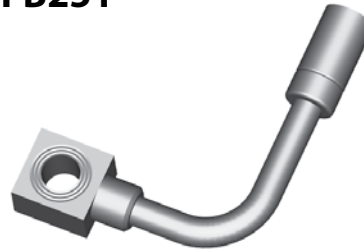
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	19.5mm	30°	65mm	US

## HFB236



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	1/2"	18mm	90°	71mm	US

## HFB251



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	12.6mm	19.6mm	90°	80mm	US

## HFB256



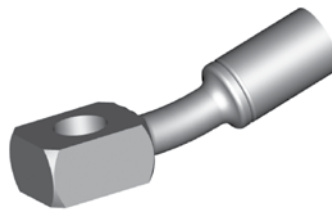
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	19.5mm	75°	110mm	US

## HFB267



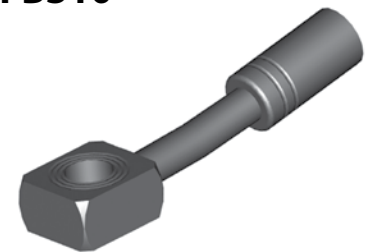
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	20.5mm	15°	90mm	US

## HFB309



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	17mm	15°	62mm	V

## HFB310



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	19mm	10°	82mm	V

## HFB397



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8.5mm	18mm	60°	78mm	V

## HFB405



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	19.5mm	40°	57mm	US

## HFB557



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	-	75mm	A

10mm Hole

A = Asian    EU = European    US = United States    UNI = Universal    V = Various

# BANJO FITTINGS – TUBE STYLE – EITHER SIDE

**HFB564**


10mm Hole



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	90°	42mm	A

**HFB379**

12mm Hole



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
12mm	8mm	19mm	30°	60mm	EU

**HFB22**

Universal



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	19mm	-	172mm	UNI

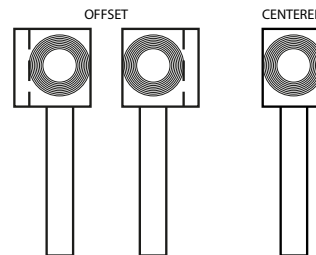
**HFB23**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	1/2"	19mm	-	172mm	UNI

## DID YOU KNOW?

Some banjo fittings have offset holes. The resulting asymmetry in the banjo head orients the fitting for use on only one side of the vehicle. For fittings that do not have other orienting features (clocking of the banjo head, for example), BrakeQuip has centered the banjo hole so that a single, non-oriented fitting can be used on either side of the vehicle.



A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

**HFB68**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.4mm	7°	110mm	US

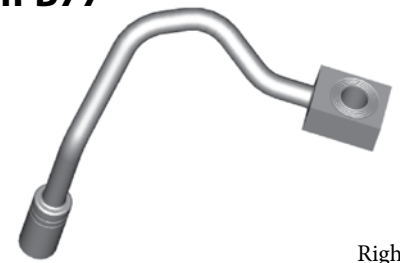
**HFB69**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.4mm	7°	110mm	US

**HFB77**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	19.7mm	90°	143mm	US

**HFB115**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.2mm	55°	112mm	US

**HFB116**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.2mm	55°	112mm	US

**HFB125**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25mm	55°	64mm	US

**HFB126**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25mm	55°	64mm	US

**HFB127**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25mm	90°	136mm	US

**HFB128**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25mm	90°	136mm	US

**HFB130**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25mm	85°	185mm	US

**HFB131**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25mm	30°	148mm	US

**HFB132**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25mm	30°	148mm	US

**HFB135**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	7/16"	22.2mm	10°	114mm	US

**HFB136**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	7/16"	22.2mm	10°	114mm	US

**HFB140**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.2mm	75°	111mm	US

3/8" Hole

A = Asian    EU = European    US = United States    UNI = Universal    V = Various



# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

3/8" Hole

**HFB141**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.2mm	75°	111mm	US

**HFB155**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25mm	70°	190mm	US

**HFB156**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25mm	70°	190mm	US

**HFB174**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.2mm	90°	70mm	US

**HFB175**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.2mm	90°	70mm	US

**HFB209**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	23mm	90°	180mm	US

**HFB210**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	23mm	90°	180mm	US

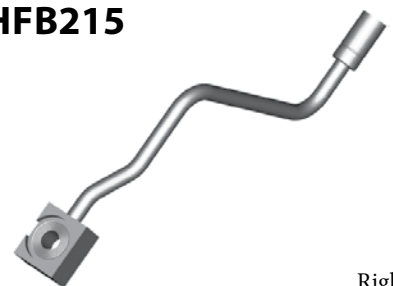
**HFB214**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25.4mm	75°	245mm	US

**HFB215**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25.4mm	75°	245mm	US

**HFB217**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25.4mm	90°	210mm	US

**HFB218**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25.4mm	90°	210mm	US

**HFB221**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25.5mm	90°	180mm	US

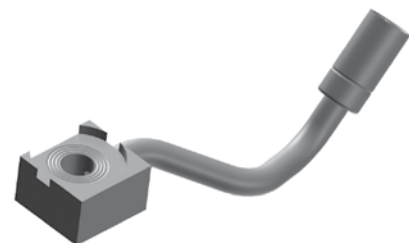
**HFB222**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25.5mm	90°	180mm	US

**HFB270**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25.4mm	-	-	US

**HFB277**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.2mm	90°	73mm	US

A = Asian

EU = European

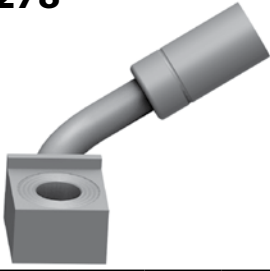
US = United States

UNI = Universal

V = Various

# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

## HFB278



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.2mm	90°	73mm	US

## HFB306



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	26mm	70°	134mm	US

## HFB307



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	26mm	70°	134mm	US

## HFB315



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.2mm	-	195mm	US

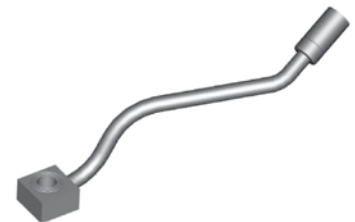
## HFB316



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.2mm	-	195mm	US

## HFB317



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.2mm	65°	178mm	US

## HFB318



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.2mm	65°	178mm	US

## HFB321



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	24.4mm	-	105mm	US

## HFB322



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	24.4mm	-	105mm	US

## HFB323



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	23mm	90°	63mm	US

## HFB324



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	23mm	90°	63mm	US

## HFB380



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	7/16"	25.4mm	60°	165mm	US

## HFB381



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	7/16"	25.4mm	60°	165mm	US

## HFB386



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.2mm	-	200mm	US

## HFB387



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.2mm	-	200mm	US

3/8" Hole

A = Asian    EU = European    US = United States    UNI = Universal    V = Various

# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

3/8" Hole

## HFB418



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	7/16"	7/8"	60°	80mm	US

## HFB419



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	7/16"	7/8"	60°	80mm	US

## HFB430



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	23.3mm	-	-	US

## HFB431

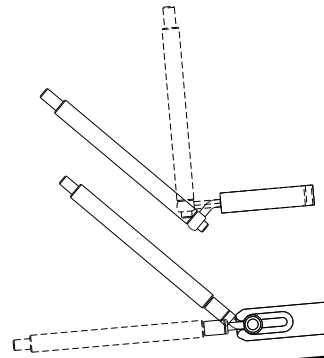


Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	23.3mm	-	-	US

### DID YOU KNOW?

BrakeQuip makes round style banjo fittings that have only one bend in a straight form to allow you to easily bend the banjo shank to the desired shape. You can usually bend these banjo fittings up to 90° by using the available banjo bending tools: **BQ22A** and **BQ22B** for standard banjo fittings, or **BQ22C** and **BQ22B** for low profile banjos. (See page 85 for tool listings.)



# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

## HFB78



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	11mm	22.2mm	90°	133mm	US

## HFB79



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	11mm	22.2mm	90°	133mm	US

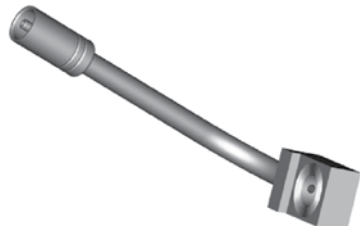
## HFB94



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	11.6mm	20mm	90°	110mm	US

## HFB95



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	11.6mm	20mm	90°	110mm	US

## HFB123



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	14.8mm	22.2mm	85°	90mm	US

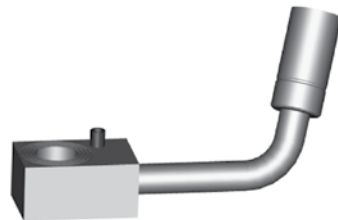
## HFB124



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	14.8mm	22.2mm	85°	90mm	US

## HFB176



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	14.8mm	20.6mm	75°	70mm	US

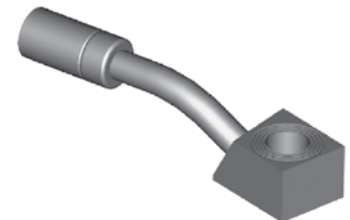
## HFB189



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	15mm	20mm	30°	90mm	US

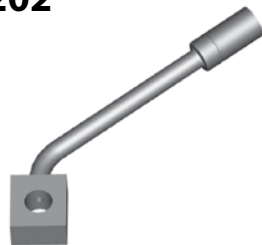
## HFB190



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	15mm	20mm	30°	90mm	US

## HFB202



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	1/2"	22.2mm	55°	125mm	US

## HFB237



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	7/16"	22.2mm	90°	100mm	US

## HFB238



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	7/16"	22.2mm	90°	100mm	US

## HFB497



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
11mm	14.8mm	20.3mm	80°	50mm	US

## HFB498



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
11mm	14.8mm	20.3mm	80°	50mm	US

7/16" Hole

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

10mm Hole

**HFB86**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.2mm	28.6mm	70°	175mm	US

**HFB87**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.2mm	28.6mm	70°	175mm	US

**HFB107**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	12mm	20mm	75°	86mm	US

**HFB108**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	12mm	20mm	75°	86mm	US

**HFB113**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.8mm	42mm	30°	130mm	US

**HFB114**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.8mm	42mm	30°	130mm	US

**HFB118**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	12mm	20mm	90°	50mm	US

**HFB119**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	12mm	20mm	90°	60mm	US


**HFB120**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	12mm	20mm	90°	60mm	US

**HFB121**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	22.2mm	65°	127mm	US


**HFB122**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	22.2mm	65°	127mm	US


**HFB142**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.8mm	22.2mm	75°	99mm	US


**HFB143**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.8mm	22.2mm	75°	99mm	US

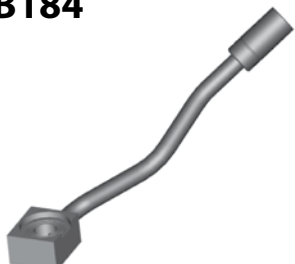
**HFB183**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	22.2mm	70°	-	US

**HFB184**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	22.2mm	70°	-	US

A = Asian    EU = European    US = United States    UNI = Universal    V = Various



# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

**HFB216**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	26mm	20°	200mm	US

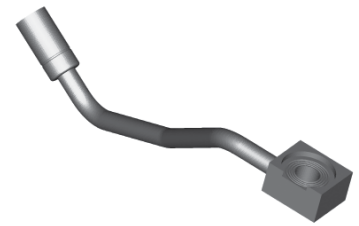
**HFB239**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	22.2mm	55°	200mm	US

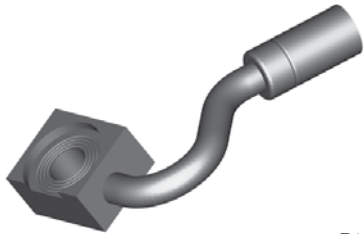
**HFB240**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	22.2mm	55°	200mm	US

**HFB241**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	22.2mm	50°	100mm	US

**HFB242**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	22.2mm	80°	220mm	US

**HFB245**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	22.2mm	85°	100mm	US

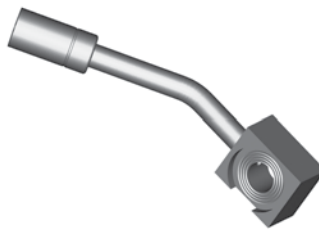
**HFB246**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	22.2mm	85°	100mm	US

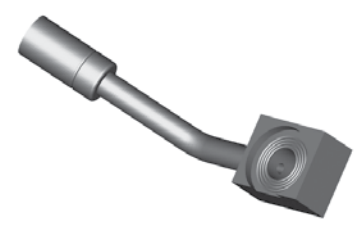
**HFB247**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	22.2mm	30°	-	US

**HFB248**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	22.2mm	30°	-	US

**HFB249**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	22.2mm	50°	-	US

**HFB250**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	22.2mm	50°	-	US

**HFB259**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	1/2"	20.5mm	90°	110mm	US

**HFB260**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	1/2"	20.5mm	90°	110mm	US

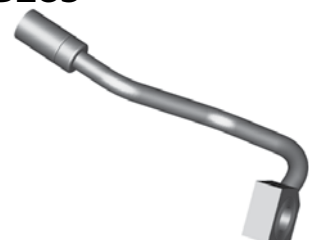
**HFB284**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	24.4mm	75°	-	US

**HFB285**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	22.4mm	75°	-	US

10mm Hole

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

10mm Hole

**HFB328**

Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	22mm	110°	75mm	A

**HFB329**

Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	22mm	110°	75mm	A

**HFB332**

Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	22.2mm	90°	65mm	US

**HFB367**

A

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	18mm	90°	60mm	A

**HFB369**

Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	22mm	90°	60mm	A

**HFB370**

Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	22mm	90°	60mm	A

**HFB376**

Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	17mm	55°	-	A

**HFB377**

Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	17mm	55°	-	A

**HFB410**

Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	12mm	22mm	55°	-	US

**HFB411**

Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	12mm	22mm	55°	-	US

**HFB450**

Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	12.5mm	20mm	90°	80mm	US

**HFB451**

Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	12.5mm	20mm	90°	80mm	US

**HFB474**

Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	1/2"	18mm	-	-	US

**HFB475**

Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	1/2"	18mm	-	-	US

**HFB493**

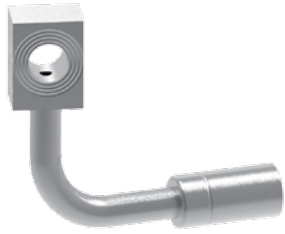
Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	1/2"	18mm	90°	70mm	US

A = Asian    EU = European    US = United States    UNI = Universal    V = Various

# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

**HFB494**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	1/2"	18mm	90°	70mm	US

**HFB525**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.4mm	20mm	25°	90mm	A

**HFB526**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.4mm	20mm	25°	90mm	A

**HFB544**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	-	89mm	A

**HFB545**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	-	108mm	A

**HFB546**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	-	108mm	A

**HFB547**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	27mm	-	102mm	A

**HFB548**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	-	102mm	A

**HFB549**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	-	-	A

**HFB550**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	-	-	A

**HFB551**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	45°	82mm	A

**HFB552**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	45°	82mm	A

**HFB555**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	85°	59mm	A

**HFB556**



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	85°	59mm	A

**HFB558**



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	90°	50mm	A

10mm Hole

A = Asian    EU = European    US = United States    UNI = Universal    V = Various

# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

10mm Hole

## HFB559



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	90°	50mm	A

## HFB560



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	-	85mm	V

## HFB561

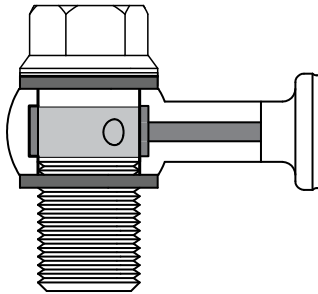


Right

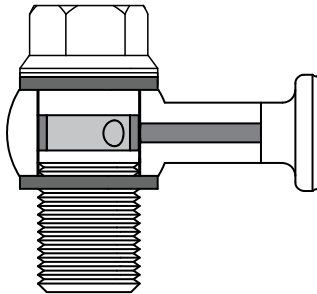
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	-	85mm	V

### DID YOU KNOW?

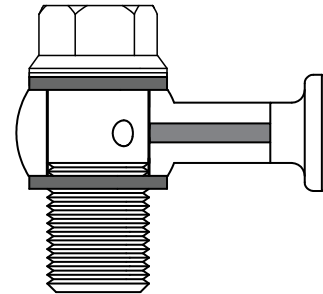
It is important to match banjo fittings with a compatible banjo bolt. If the banjo head has a fluid channel, then it doesn't matter if the banjo bolt has a groove at the inlet port. However, the fluid flow can be restricted if you combine a banjo fitting that does not have a fluid channel with a banjo bolt that does not have a groove at the inlet port.



**GOOD:**  
The banjo head provides a fluid channel around the banjo bolt.



**GOOD:**  
The banjo bolt has a groove at the inlet port.



**BAD:**  
There is no way for the fluid to reach the inlet port.

# IMPERIAL FEMALE FITTINGS

## HFIF01



Alt. HFIF36  
In stainless: HFIF01SS

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	19mm	38mm	V

## HFIF01B



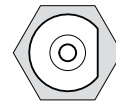
Brass

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	17mm	38mm	V

## HFIF05

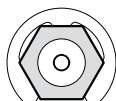


Alt. HFIF45



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	19mm	38mm	V

## HFIF07



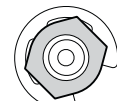
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	41mm	US

## HFIF08



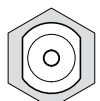
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	41mm	US

## HFIF10



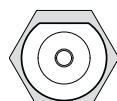
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	39mm	US

## HFIF11



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	19mm	38mm	V

## HFIF14



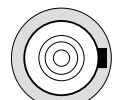
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Clip	19mm	50mm	US

## HFIF18



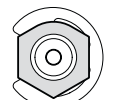
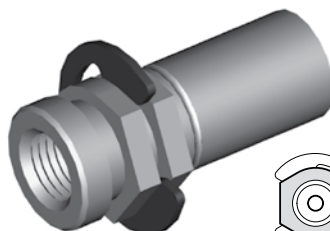
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	-	41mm	US

## HFIF19



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	38mm	US

## HFIF21



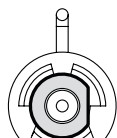
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	DPS	Clip	16mm	37mm	US

## HFIF26



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	40mm	US

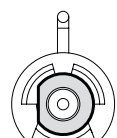
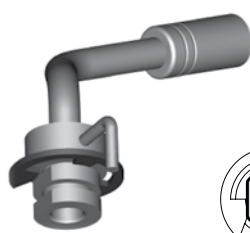
## HFIF29



Left

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	-	78mm	US

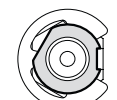
## HFIF30



Right

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	-	78mm	US

## HFIF32



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	17mm	41mm	US

3/8" x 24NF

A = Asian

EU = European

US = United States

UNI = Universal

V = Various



# IMPERIAL FEMALE FITTINGS

3/8" x 24NF

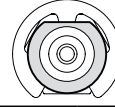
## HFIF36



Alt. HFIF01

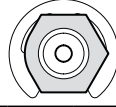
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	39mm	US

## HFIF38



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	17mm	40mm	US

## HFIF40



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Clip	16mm	48mm	US

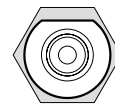
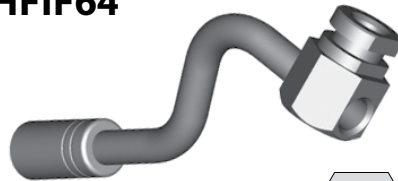
## HFIF45



Alt. HFIF05

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	39mm	US

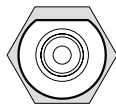
## HFIF64



Left

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Clip	19mm	137mm	US

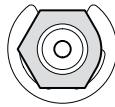
## HFIF65



Right

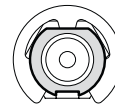
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Clip	19mm	137mm	US

## HFIF71



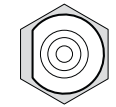
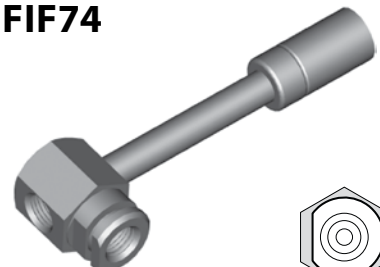
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	45mm	US

## HFIF72



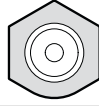
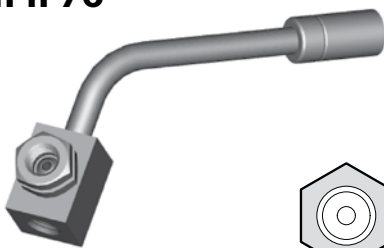
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	17mm	47mm	US

## HFIF74



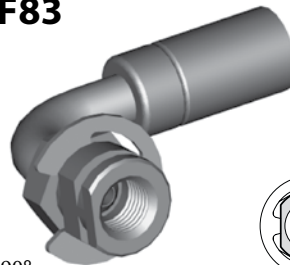
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Clip	19mm	92mm	US

## HFIF76



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Clip	16mm	90mm	US

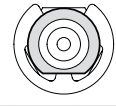
## HFIF83



Angle: 90°

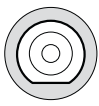
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	55mm	US

## HFIF87



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Clip	17.5mm	50mm	US

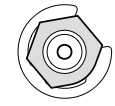
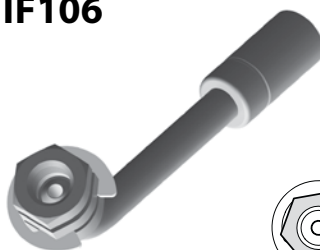
## HFIF103



Angle: 60°

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	-	52mm	US

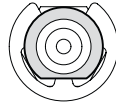
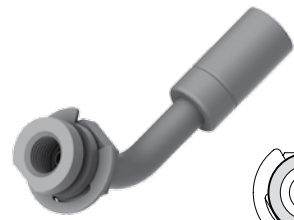
## HFIF106



Angle: 60°

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	68mm	US

## HFIF140



Angle: 55°

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	17mm	64mm	US

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# IMPERIAL FEMALE FITTINGS

## HFIF143



Angle: 60°

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	68mm	US

## HFIF301



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	43mm	US

3/8" x 24NF

### DID YOU KNOW?

Manufacturers design fittings to suit the resources available to them. For instance some manufacturers make their female fittings with a 3/4" hex to give them a shoulder to mount to, but others prefer to make them from 5/8" hex and then supply a shoulder clip for the shoulder to mount to. BrakeQuip supplies these in both styles. Therefore the following fittings are equivalent:

- HFIF01 and HFIF36,
- HFIF02 and HFIF24,
- HFIF05 and HFIF45.

## HFIF172



THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 20NF	Inverted	Clip	7/8"	38mm	US

7/16" x 20NF

## HFIF02



Alt. HFIF24

THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	19mm	38mm	V

## HFIF09



THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	16mm	45mm	US

## HFIF20



THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	16mm	44mm	US

## HFIF24



Alt. HFIF02

THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	16mm	45mm	US

7/16" x 24NS

## HFIF33



THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	17mm	41mm	US

## HFIF35



THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	16mm	46mm	US

## HFIF51



THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	17mm	46mm	US

A = Asian    EU = European    US = United States    UNI = Universal    V = Various

# IMPERIAL FEMALE FITTINGS

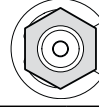
7/16" x 24NS

**HFIF73**



THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	17mm	47mm	US

**HFIF116**



Angle: 70°

THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	5/8"	-	US

**HFIF141**



THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 20NF	Inverted	Clip	16mm	46mm	US

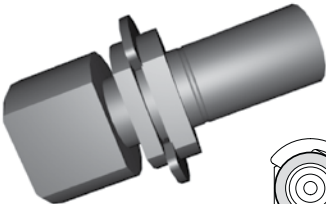
1/2" x 20NF

**HFIF142**



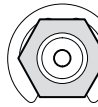
THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NF	Inverted	Clip	16mm	68mm	US

**HFIF63**



THREAD	SEAT	MOUNT	HEX	OAL	FITS
1/2" x 20NF	Inverted	Clip	-	47mm	US

**HFIF79**



THREAD	SEAT	MOUNT	HEX	OAL	FITS
1/2" x 20NF	Inverted	Clip	16mm	45mm	US

A = Asian

EU = European

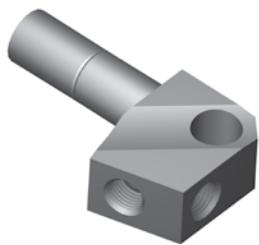
US = United States

UNI = Universal

V = Various

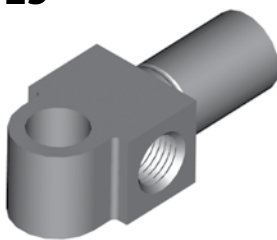
# IMPERIAL FEMALE FITTINGS

## HFIF23



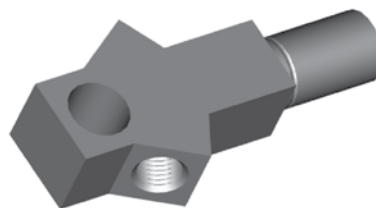
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	12mm	65mm	US

## HFIF25



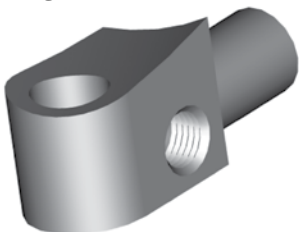
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	10mm	49mm	US

## HFIF27



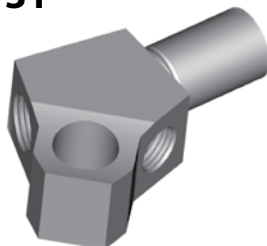
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	11.8mm	70mm	US

## HFIF28



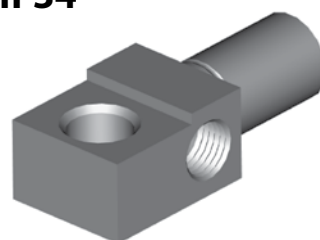
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" NF-7/16" NS	Inverted	Bolted	11.8mm	52mm	US

## HFIF31



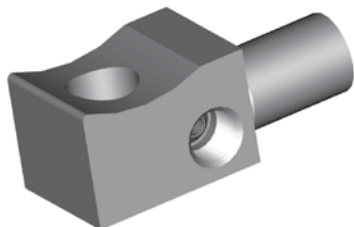
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" NF-7/16" NS	Inverted	Bolted	11.9mm	52mm	US

## HFIF34



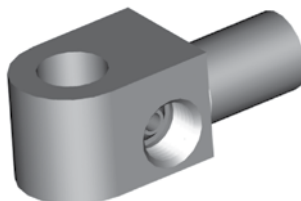
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	8/10mm	49mm	US

## HFIF37



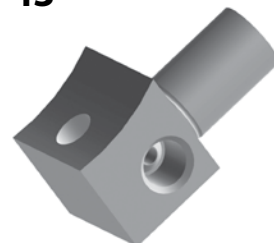
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	12mm	53mm	US

## HFIF39



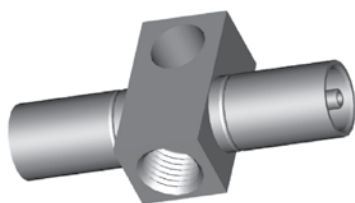
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" NF-7/16" NS	Inverted	Bolted	11.8mm	52mm	US

## HFIF43



THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	7.3mm	22mm	US

## HFIF46



THREAD	SEAT	MOUNT	HOLE	OAL	FITS
7/16" x 24NS	Inverted	Bolted	10mm	60mm	US

## HFIF47



THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	12mm	50mm	US

## HFIF48



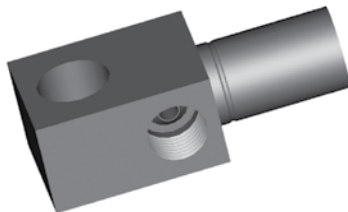
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" NF-7/16" NS	Inverted	Bolted	11.5mm	53mm	US

## HFIF53



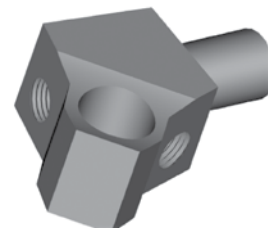
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	11.8mm	53mm	US

## HFIF54



THREAD	SEAT	MOUNT	HOLE	OAL	FITS
7/16" x 24NS	Inverted	Bolted	12mm	51mm	US

## HFIF55



THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	15mm	58mm	US

Bolt-On Mount

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# IMPERIAL FEMALE FITTINGS

Bolt-On Mount

## HFIF56



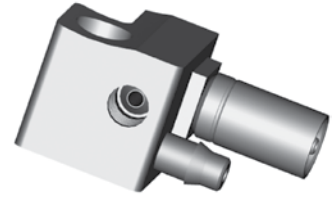
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	11.8mm	55mm	US

## HFIF57



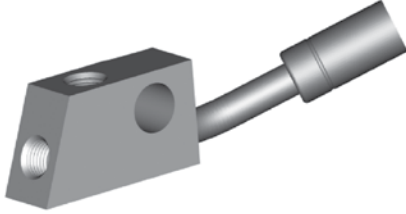
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
7/16" x 24NS x 2	Inverted	Bolted	8/10mm	54mm	US

## HFIF58



THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	11.5mm	50mm	US

## HFIF66



THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	11.9mm	93mm	US

## HFIF77



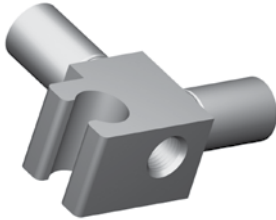
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
1/2" x 20NF	Inverted	Bolted	6.2mm	42mm	US

## HFIF80



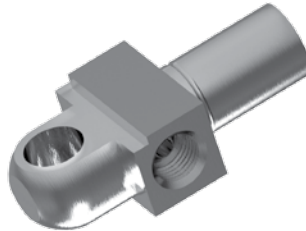
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	11.8mm	52mm	US

## HFIF88



THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF	Inverted	Bolted	11.6mm	51mm	US

## HFIF94



THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	8/10mm	58mm	US

## HFIF110



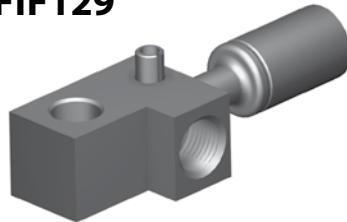
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	12mm	-	US

## HFIF111



THREAD	SEAT	MOUNT	HOLE	OAL	FITS
7/16" x 24NS - 2	Inverted	Bolt On	11.9mm	51mm	US

## HFIF129



Suits Nissan Sports  
Use in conjunction with HF17 or HF33

THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF	Inverted	Bolted	8.75mm	75mm	A

## HFIF157



THREAD	SEAT	MOUNT	HOLE	OAL	FITS
7/16" x 24NS x 2	Inverted	Bolted	10mm	53mm	US

A = Asian

EU = European

US = United States

UNI = Universal

V = Various



# IMPERIAL FEMALE FITTINGS

## HFIFX01



Alt. HFIFX23  
5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Bulkhead	19mm	45mm	V

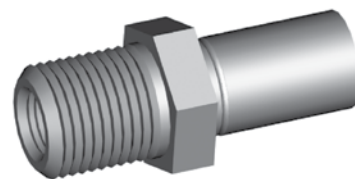
## HFIFX02



5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Bulkhead	19mm	45mm	V

## HFIFX03



5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 20BSF	Inverted	Bulkhead	19mm	45mm	V

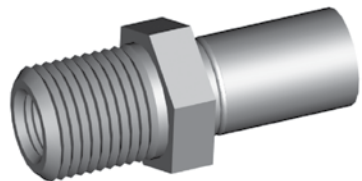
## HFIFX04



5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 20NF	Inverted	Bulkhead	19mm	45mm	V

## HFIFX05



5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	DPS	Bulkhead	19mm	45mm	V

## HFIFX06



5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Bulkhead	16mm	46mm	US

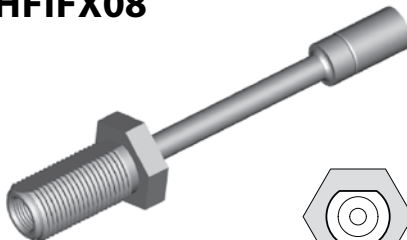
## HFIFX07



3/4" x 16NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Bulkhead	25mm	65mm	US

## HFIFX08



3/4" x 16NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Bulkhead	25mm	135mm	US

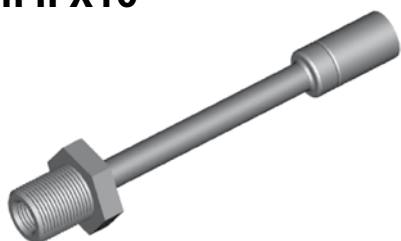
## HFIFX09



11/16" x 18NS External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
1/2" x 20NF	Inverted	Bulkhead	22mm	46mm	US

## HFIFX10



5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Bulkhead	22mm	117mm	US

## HFIFX11



5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Bulkhead	19mm	48mm	US

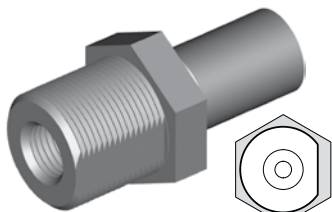
## HFIFX12



5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Bulkhead	22mm	54mm	US

## HFIFX14



3/4" x 16NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Bulkhead	22mm	45mm	US

## HFIFX15



5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Bulkhead	16mm	47mm	US

## HFIFX16



3/4" x 16NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Bulkhead	22mm	45mm	US

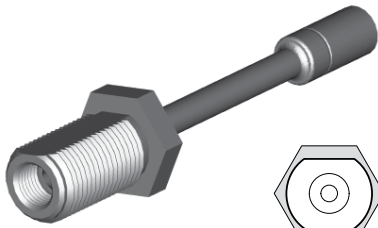
Bulkhead Mount

A = Asian    EU = European    US = United States    UNI = Universal    V = Various

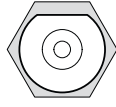
# IMPERIAL FEMALE FITTINGS

Bulkhead Mount

## HFIFX18



7/8" x 14NF External Thread



THREAD	SEAT	MOUNT	HEX	OAL	FITS
1/2" x 20NF	Inverted	Bulkhead	27mm	135mm	US

## HFIFX19



7/8" x 14NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Bulkhead	25.4mm	61mm	US

## HFIFX20

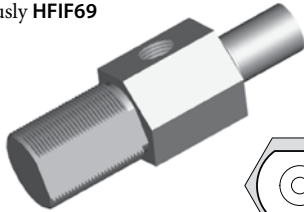


5/8" x 18NF External Thread

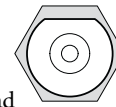
THREAD	MOUNT	HEX	OAL	FITS
1/8" x 27NPT	Bulkhead	19mm	45mm	US

## HFIFX21

Previously HFIF69

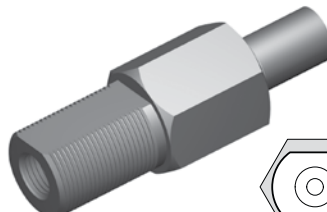


7/8" x 18NS External Thread

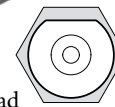


THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS x 2	Inverted	Bulkhead	25mm	80mm	US

## HFIFX22



7/8" x 14NF External Thread



THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Bulkhead	1"	80mm	US

## HFIFX23



Alt. HFIFX01

5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Bulkhead	5/8"	46mm	V

## HFIFX28



5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Bulkhead	19mm	220mm	V

### DID YOU KNOW?

Most female fittings with a bulkhead mount use a 5/8" x 18NF thread, but some of these fittings come with an M16x1.5 or another thread. When in doubt, supply a **BQ13** nut with the fitting.

No Mount

## HFIF03



THREAD	SEAT	MOUNT	HEX	OAL	FITS
1/2" x 20NF	DPS	-	19mm	50mm	US

## HFIF06



THREAD	SEAT	MOUNT	HEX	OAL	FITS
1/2" x 20NF	Inverted	-	17mm	38mm	UNI

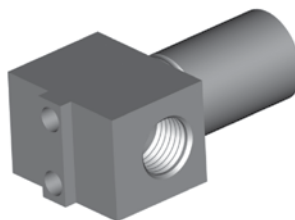
Bracket Mount

## HFIF15



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Bracket	-	46mm	US

## HFIF22



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Bracket	-	41mm	US

## HFIF41



Right

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Bracket	-	50mm	US

A = Asian

EU = European

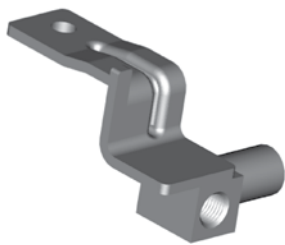
US = United States

UNI = Universal

V = Various

# IMPERIAL FEMALE FITTINGS

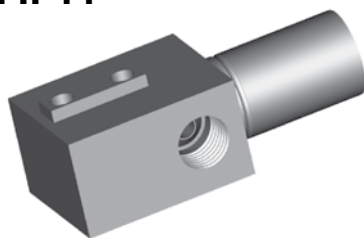
## HFIF42



Left

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Bracket	-	50mm	US

## HFIF44



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Bracket	-	50mm	US

## HFIF52



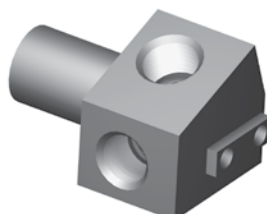
THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Bracket	-	46mm	US

## HFIF60



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Bracket	-	102mm	US

## HFIF60A



Use BQB07 bracket

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Bracket	-	42mm	US

## HFIF70



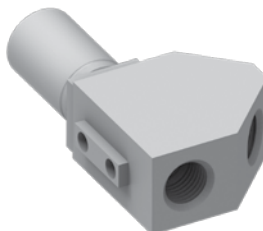
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Bracket	-	48mm	US

## HFIF90



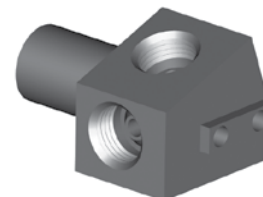
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Bracket	-	37mm	US

## HFIF99



THREAD	SEAT	MOUNT	OAL	FITS
3/8" x 24NF x 2	Inverted	Bracket	56mm	US

## HFIF109



THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS x 2	Inverted	Bracket	-	46mm	US

## HFIF120



Use with BQB415 wire bracket

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	15.9mm	42mm	US

## HFIF127



Left

THREAD	SEAT	MOUNT	ANGLE	OAL	FITS
3/8" x 24NF	Inverted	Bracket	90°	-	US

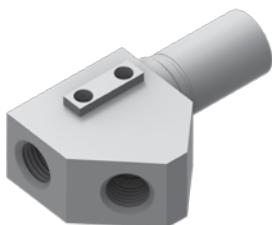
## HFIF128



Right

THREAD	SEAT	MOUNT	ANGLE	OAL	FITS
3/8" x 24NF	Inverted	Bracket	90°	-	US

## HFIF138



THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS x 2	Inverted	Bracket	-	53mm	US

## HFIF146



THREAD	SEAT	MOUNT	ANGLE	OAL	FITS
3/8" x 24NF	Inverted	Bracket	20°	140mm	US

## HFIF147



THREAD	SEAT	MOUNT	ANGLE	OAL	FITS
3/8" x 24NF	Inverted	Bracket	20°	140mm	US

Bracket Mount

A = Asian

EU = European

US = United States

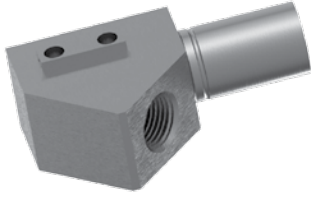
UNI = Universal

V = Various

# IMPERIAL FEMALE FITTINGS

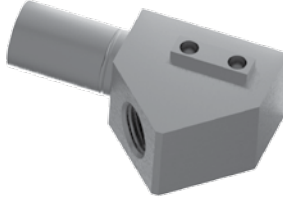
Bracket Mount

## HFIF148



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Bracket	-	52.5mm	US

## HFIF149



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Bracket	-	52.5mm	US

## HFIF152



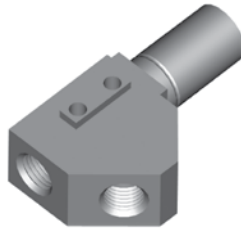
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Bracket	-	47mm	US

## HFIF153



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Bracket	-	57mm	US

## HFIF304



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Bracket	-	51mm	US

## BQ71



**Bracket Retaining Screws**  
(Pack of 50)

This thread-forming screw is required to secure bracket to bracket mount fittings.

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# IMPERIAL MALE FITTINGS

## HFIM01



THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	12.5mm	16mm	40mm	V

## HFIM01B



Brass

THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	12.5mm	14mm	40mm	V

## HFIM03



In stainless: HFIM03SS

THREAD	THREAD LENGTH	HEX	OAL	FITS
7/16" x 20NF	12mm	16mm	40mm	V

## HFIM04



Includes  
Copper Sealing Washer

THREAD	THREAD LENGTH	HEX	OAL	FITS
11/16" x 16NF	20mm	19mm	50mm	V

## HFIM08



THREAD	THREAD LENGTH	HEX	OAL	FITS
1/2" x 20NF	15.5mm	17mm	43mm	V

## HFIM09



THREAD	THREAD LENGTH	HEX	OAL	FITS
7/16" x 20NF	13.5mm	16mm	69mm	US

## HFIM10



THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	12.5mm	16mm	44mm	V

## HFIM11



THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	13mm	16mm	68mm	V

## HFIM13



THREAD	THREAD LENGTH	HEX	OAL	FITS
7/16" x 24NS	12mm	16mm	40mm	V

## HFIM14



THREAD	THREAD LENGTH	HEX	OAL	FITS
7/16" x 24NS	12mm	16mm	78mm	US

## HFIM15



THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 20BSF	12.5mm	16mm	40mm	EU

## HFIM16



THREAD	THREAD LENGTH	HEX	OAL	FITS
7/16" x 20NF	13mm	17mm	61mm	US

## HFIM18



THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	12mm	16mm	53mm	US

## HFIM19



In stainless: HFIM19SS

THREAD	THREAD LENGTH	HEX	OAL	FITS
1/8" x 27NPT	12mm	14mm	40mm	V

## HFIM21



THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	12.5mm	16mm	53mm	V

Standard Mount

A = Asian

EU = European

US = United States

UNI = Universal

V = Various



# IMPERIAL MALE FITTINGS

Standard Mount

## HFIM24



THREAD	THREAD LENGTH	HEX	OAL	FITS
1/2" x 20NF	12mm	16mm	44mm	US

## HFIM25



THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	12mm	16mm	71mm	US

## HFIM26



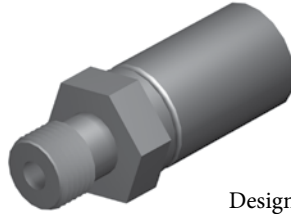
THREAD	THREAD LENGTH	HEX	OAL	FITS
7/16" x 24NS	13.5mm	16mm	78mm	US

## HFIM27



THREAD	THREAD LENGTH	HEX	OAL	FITS
7/16" x 20NF	13mm	16mm	63mm	US

## HFIM32



Designed for bonded washer

THREAD	THREAD LENGTH	HEX	OAL	FITS
1/8" x 28BSPP	10mm	14mm	37mm	V

## HFIM35



THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	12mm	9/16"	45mm	V

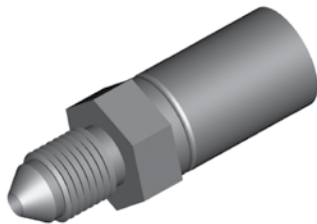
## HFIM36



THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	12mm	9/16"	52mm	V

AN Joiner

## HFIM28



No. 3 JIC

THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	14mm	14mm	42mm	V

## HFIM29



No. 4 JIC

THREAD	THREAD LENGTH	HEX	OAL	FITS
7/16" x 20NF	14mm	14mm	43mm	V

Bolt-On Mount

## HFIM30



THREAD	THREAD LENGTH	MOUNT HOLE	OAL	FITS
1/8" x 27NPT	9.7mm	6.6mm	50mm	US

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

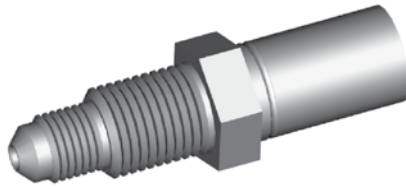
# IMPERIAL MALE FITTINGS

## HFIM02



THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	24mm	16mm	52mm	V

## HFIM05



3/8" x 24NF - 1/2" x 20NF

THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8NF-1/2NF	26.5mm	16mm	55mm	EU

## HFIM06



THREAD	THREAD LENGTH	HEX	OAL	FITS
7/16" x 20NF	28.5mm	17mm	56mm	V

## HFIM07



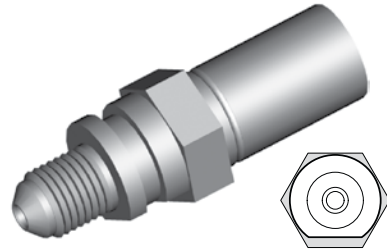
THREAD	THREAD LENGTH	HEX	OAL	FITS
1/2" x 20NF	32mm	19mm	60mm	V

## HFIM12



THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	24mm	16mm	75mm	EU

## HFIM17



THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	12mm	16mm	49mm	US

## HFIM22



THREAD	THREAD LENGTH	HEX	OAL	FITS
7/16" x 20NF	13mm	16mm	51mm	US

Bulkhead Mount

Clip Mount

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# METRIC FEMALE FITTINGS

## HFMF01



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	38mm	V

## HFMF02



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	47mm	A

## HFMF04



In stainless: HFMF04SS

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	38mm	A

## HFMF06



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	-	39mm	A

## HFMF07



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	Inverted	Clip	-	45mm	A

## HFMF09



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1.25	Inverted	Clip	17mm	37mm	V

## HFMF10



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	Inverted	Clip	19mm	46mm	A

## HFMF11



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	19mm	37mm	A

## HFMF12



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M9 x 1	Inverted	Clip	16mm	47mm	A

## HFMF14



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	45mm	A

## HFMF15



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	77mm	A

## HFMF16



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	19mm	37mm	V

## HFMF19



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	Inverted	Clip	19mm	47mm	A

## HFMF20



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	38mm	A

## HFMF25



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	19mm	70mm	A

Clip Mount - Inverted Seat

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# METRIC FEMALE FITTINGS

## HFMF26



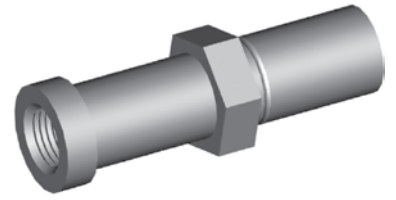
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	38mm	A

## HFMF28



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	37mm	V

## HFMF29



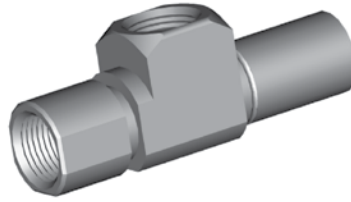
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	-	17mm	54mm	A

## HFMF31



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	45mm	V

## HFMF42



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1-(2)	Inverted	Clip	-	57mm	US

## HFMF43



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	Inverted	Clip	-	45mm	US

## HFMF66



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	-	36mm	US

## HFMF68



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	16mm	37mm	US

## HFMF91



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	Inverted	Clip	19mm	40mm	EU

## HFMF92



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	Inverted	Clip	16mm	45mm	US

## HFMF93



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	47mm	EU

## HFMF122



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M14 x 1.5	Inverted	Clip	21mm	53mm	V

## HFMF307



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	46mm	A

## HFMF308



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	19mm	89mm	A

## HFMF366



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	16mm	45mm	A

Clip Mount - Inverted Seat

A = Asian

EU = European

US = United States

UNI = Universal

V = Various



# METRIC FEMALE FITTINGS

## HFMF03



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	19mm	46mm	A

## HFMF05



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	14mm	38mm	EU

## HFMF08



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	41mm	V

## HFMF21



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1.25	DPS	Clip	17mm	47mm	EU

## HFMF24



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	19mm	38mm	V

## HFMF35



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	19mm	37mm	A

## HFMF38



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	16mm	37mm	US

## HFMF39



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	16mm	39mm	US

## HFMF47



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12x1	DPS	Clip	16mm	46mm	US

## HFMF51



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	DPS	Clip	16mm	47mm	US

## HFMF54



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	15.5mm	37mm	EU

## HFMF55



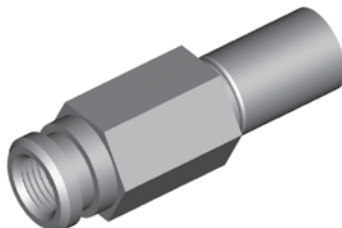
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	19mm	46mm	V

## HFMF57



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12x1.25	DPS	Clip	19mm	46mm	EU

## HFMF58



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	54mm	V

## HFMF59



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	38mm	EU

Clip Mount - Drill-Point Seat

A = Asian

EU = European

US = United States

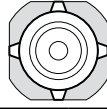
UNI = Universal

V = Various



# METRIC FEMALE FITTINGS

## HFMF62



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	39mm	EU

## HFMF63



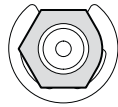
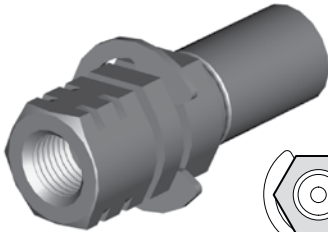
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	39mm	EU

## HFMF65



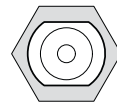
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	39mm	A

## HFMF67



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	16mm	46mm	US

## HFMF71



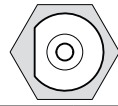
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	39mm	EU

## HFMF73



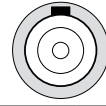
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	-	US

## HFMF74



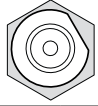
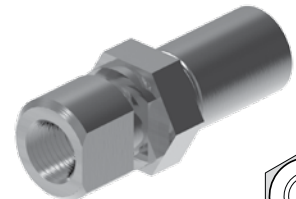
THREAD	SEAT	MOUNT	HEX	ANGLE	FITS
M10 x 1	DPS	Clip	17mm	80°	US

## HFMF96



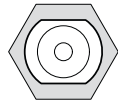
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	5/8"	38mm	EU

## HFMF99



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	45mm	EU

## HFMF100



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	39mm	EU

## HFMF124



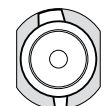
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	45mm	EU

## HFMF191



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	DPS	Clip	19mm	45mm	EU

## HFMF315



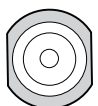
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	36mm	A

## HFMF327



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	-	39mm	A

## HFMF329



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	38mm	A

Clip Mount - Drill-Point Seat

A = Asian    EU = European    US = United States    UNI = Universal    V = Various

# METRIC FEMALE FITTINGS

## HFMF340



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	15mm	37mm	EU

## HFMF360



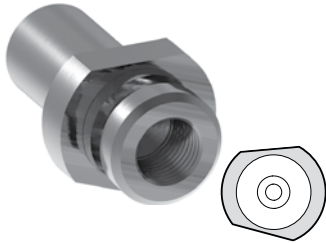
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	15mm	37mm	EU

## HFMF363



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	-	38mm	EU

## HFMF367



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	-	38mm	A

## HFMF368



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	38mm	A

## HFMF369



Angle: 5°  
Left

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	66mm	A

Clip Mount - Drill-Point Seat

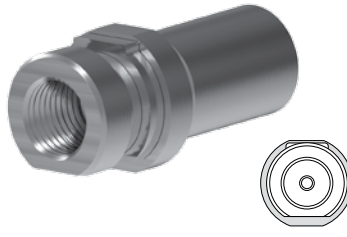
## HFMF370



Angle: 20°  
Right

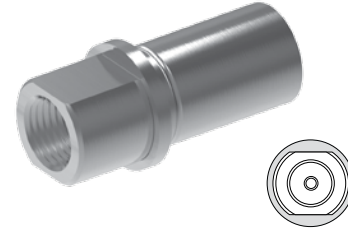
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	66mm	A

## HFMF372



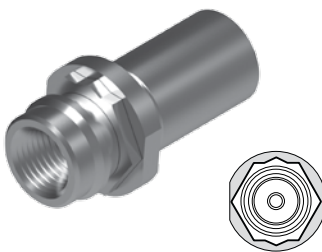
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	37mm	A

## HFMF374



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	-	12mm	36mm	A

## HFMF375



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	18mm	36mm	A

## HFMF381



THREAD	SEAT	MOUNT	HEX	ANGLE	FITS
M10 x 1	DPS	Clip	17mm	20°	A

## HFMF382



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	-	A

## HFMF383



Left

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	-	A

## HFMF384



Right

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	-	A

## HFMF385



Left

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	54mm	A

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# METRIC FEMALE FITTINGS

## HFMF386



Right

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	54mm	A

Clip Mount - Drill-Point Seat

## HFMF18



THREAD	SEAT	MOUNT	HOLE	OAL	FITS
M10x1-(2)	Inverted	Bolted	8.5mm	55mm	A

## HFMF48



THREAD	SEAT	MOUNT	HOLE	OAL	FITS
M10 x 1	Inverted	Bolted	8.75mm	53mm	A

## HFMF50



THREAD	SEAT	MOUNT	HOLE	OAL	FITS
M10x1-(2)	DPS	Bolted	8/10mm	48mm	US

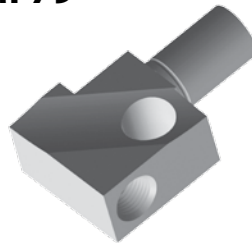
Bolt-On Mount

## HFMF69



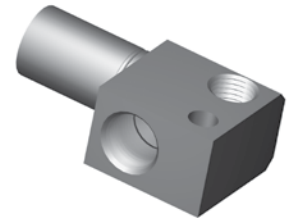
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
M10 x 1	Inverted	Bolted	6.4mm	62mm	A

## HFMF79



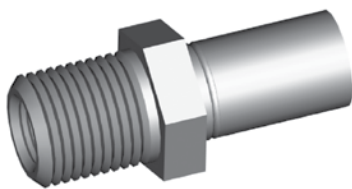
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
M11 x 1.5 (2)	Inverted	Bolted	11.9mm	56mm	US

## HFMF328



THREAD	SEAT	MOUNT	HOLE	OAL	FITS
M10 x 1	DPS	Bolted	M8 x 1.25	46mm	A

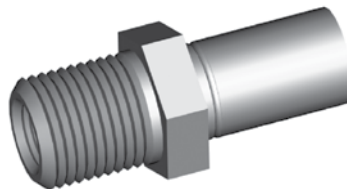
## HFMFX01



5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Bulkhead	19mm	45mm	V

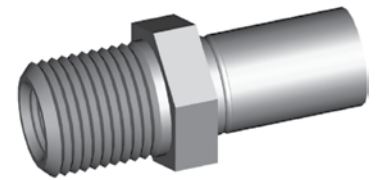
## HFMFX02



5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1.25	Inverted	Bulkhead	19mm	45mm	V

## HFMFX04



5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Bulkhead	19mm	45mm	V

Bulkhead Mount

## HFMFX04-M16



M16 x 1.5 External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Bulkhead	17mm	46mm	V

## HFMFX10



M20 x 1.5 External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	DPS	Bulkhead	22mm	49mm	US

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# METRIC FEMALE FITTINGS

Spine Mount

## HFMF22



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Spline	-	39mm	EU

## HFMF27



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Spline	-	36mm	EU

## HFMF373



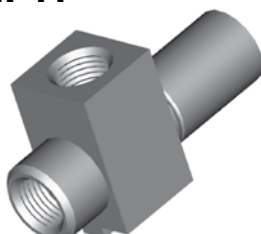
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Spline	-	36mm	A

## HFMF40



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Bracket	-	42mm	US

## HFMF41



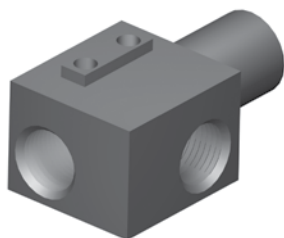
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1-(2)	DPS	Bracket	-	44mm	US

## HFMF70



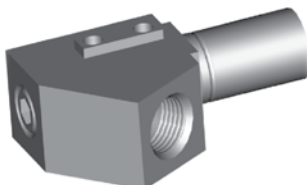
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1-(2)	DPS	Bracket	-	54mm	US

## HFMF90



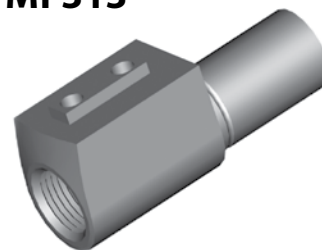
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1 (2)	DPS	Bracket	-	48mm	US

## HFMF311



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	DPS	Bracket	-	55mm	US

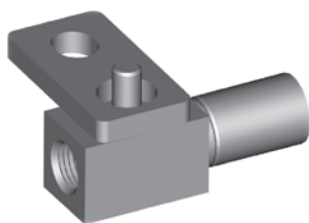
## HFMF313



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	DPS	Bracket	-	48mm	US

Bracket Mount

## HFMF317



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Bracket	-	48mm	A

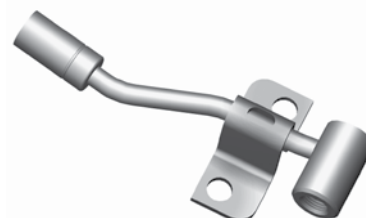
## HFMF318



Left

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Bracket	-	115mm	A

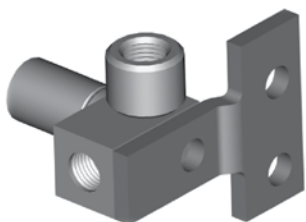
## HFMF319



Right

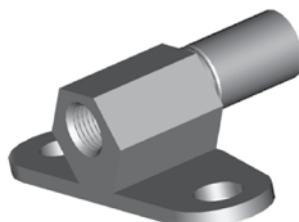
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Bracket	-	115mm	A

## HFMF320



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1-(2)	Inverted	Bracket	-	38mm	A

## HFMF324



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Bracket	-	46mm	A

## HFMF325



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Bracket	-	45mm	A

A = Asian

EU = European

US = United States

UNI = Universal

V = Various



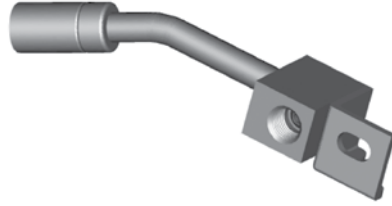
# METRIC FEMALE FITTINGS

## HFMF326



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	-	34mm	A

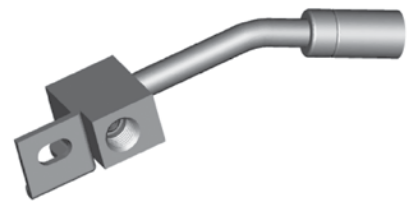
## HFMF342



Left

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Bracket	-	100mm	A

## HFMF343



Right

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Bracket	-	100mm	A

## HFMF364



Left

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Bracket	17mm	115mm	A

## HFMF365



Right

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Bracket	17mm	115mm	A

## HFMF371



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Bolted	-	-	A

## HFMF377



Left

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Bracket	17mm	78mm	A

## HFMF378



Right

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Bracket	17mm	78mm	A

## HFMF380

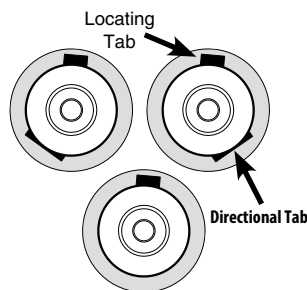


THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Bracket	17mm	148mm	A

Bracket Mount

### DID YOU KNOW?

Some female fittings are designed with locating and directional profiles to enable the novice installer to route the hose correctly. This means having both left-hand and right-hand fittings. BrakeQuip designs these fittings with a locating profile only, which makes the fitting able to fit both sides of the vehicle.



## BQ71



### Bracket Retaining Screws (Pack of 50)

This thread-forming screw is required to secure bracket to bracket mount fittings.

A = Asian

EU = European

US = United States

UNI = Universal

V = Various



# METRIC MALE FITTINGS

Standard Mount

## HFMM01



THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	17mm	16mm	45mm	A

## HFMM03



THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	14mm	14mm	43mm	V

## HFMM04



THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1.25	13mm	16mm	41mm	A

## HFMM05



THREAD	THREAD LENGTH	HEX	OAL	FITS
M12 x 1	18mm	17mm	47mm	A

## HFMM06



In stainless: HFMM06SS

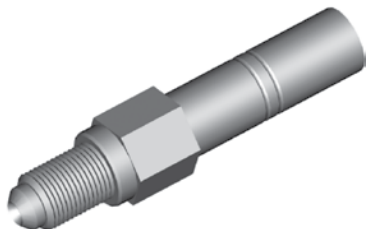
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	13mm	16mm	41mm	A

## HFMM08



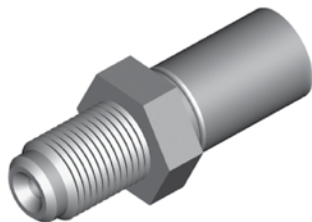
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	17mm	17mm	78mm	A

## HFMM13



THREAD	THREAD LENGTH	HEX	OAL	FITS
M12 x 1	19mm	16mm	77mm	US

## HFMM17



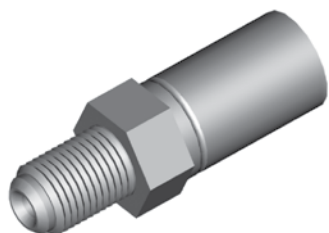
THREAD	THREAD LENGTH	HEX	OAL	FITS
M12 x 1.25	17mm	17mm	45mm	EU

## HFMM22



THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	33mm	14mm	62mm	EU

## HFMM23



Left Hand Thread

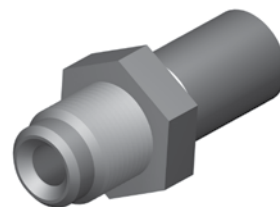
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	14mm	14mm	43mm	EU

## HFMM24



THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1.5	13mm	16mm	41mm	EU

## HFMM25



THREAD	THREAD LENGTH	HEX	OAL	FITS
M14 x 1	15mm	19mm	43mm	EU

Bulkhead Mount

## HFMM02



THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	23mm	15mm	51mm	V

## HFMM09



THREAD	THREAD LENGTH	HEX	OAL	FITS
M12 x 1	28mm	17mm	56mm	A

## HFMM10



THREAD	THREAD LENGTH	HEX	OAL	FITS
M12 x 1.5	33mm	17mm	61mm	A

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

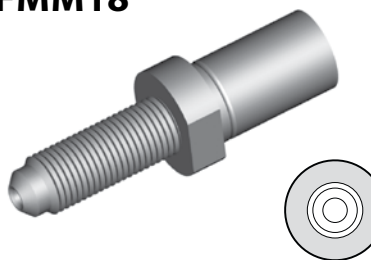
# METRIC MALE FITTINGS

## HFMM11



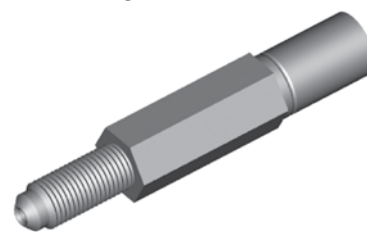
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1.25	15mm	14mm	43mm	EU

## HFMM18



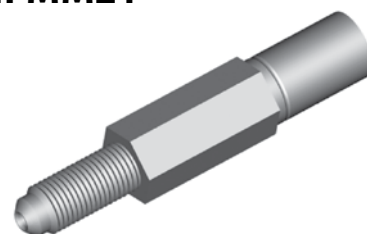
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	28mm	-	56mm	EU

## HFMM20



THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	24mm	14mm	81mm	EU

## HFMM21



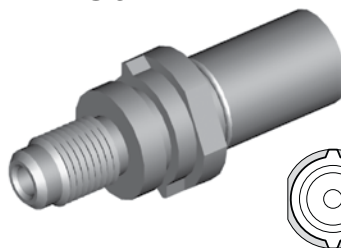
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1.25	24mm	14mm	76mm	EU

## HFMM12



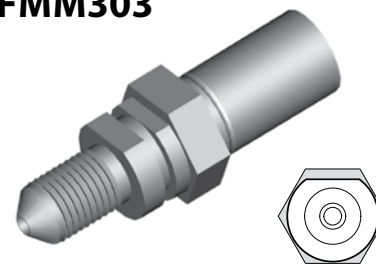
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	15mm	17mm	50mm	V

## HFMM302



THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	14.5mm	17mm	49mm	EU

## HFMM303



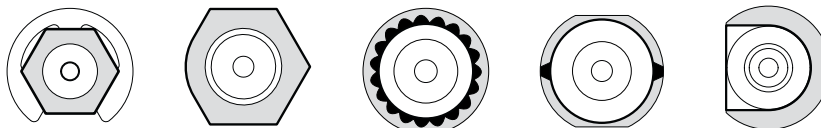
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	16mm	17mm	52mm	EU

Bulkhead Mount

Clip Mount

### DID YOU KNOW?

Have you noticed all the different profiles, in particular on female fittings, between the retaining clip groove and the mounting shoulder? You will find the corresponding shape in the chassis or bracket where the fitting mounts. This design ensures that the hose is routed with the correct orientation. It is very important to note this orientation when assembling brake hoses. It is particularly important to make note of the orientation before you cut off any fitting you are going to reclaim with our lifesaver. Once you cut it off you have lost your orientation reference.



Some typical examples.

A = Asian

EU = European

US = United States

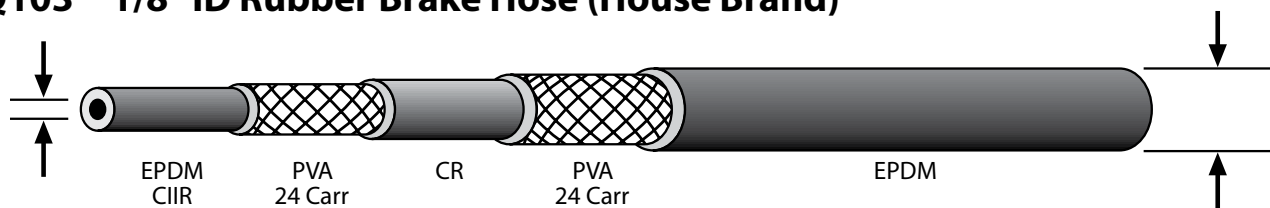
UNI = Universal

V = Various

# Rubber Brake Hose

**BQ101 – 1/8" ID Rubber Brake Hose (Goodyear)**

**BQ103 – 1/8" ID Rubber Brake Hose (House Brand)**

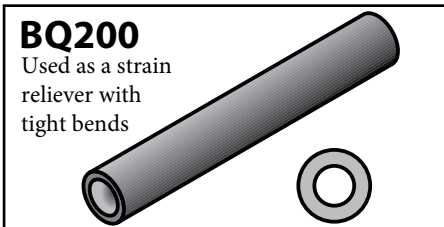


Hose ID: .130" - .138"  
(3.3mm - 3.5mm)

Hose OD: .406" - .421"  
(10.3mm - 10.7mm)

**Product details for BQ101 / BQ103:**

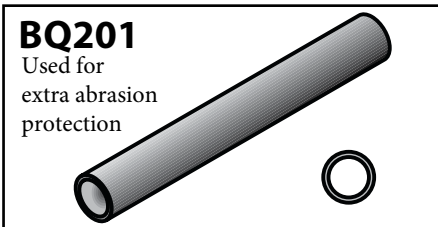
- Two-braid PVA-reinforced hose
- Meets FMVSS-106 and SAE J1401 specifications
- Temperature range -50°C to 121°C
- Compatible with DOT 3, DOT 4 and most non-petroleum based brake fluids, including silicone
- Excellent moisture resistance
- Superior weather-resistant cover material



**BQ200**

Used as a strain reliever with tight bends

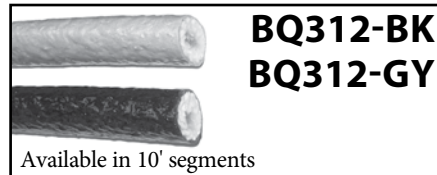
**Insulating Hose Thick**  
(10ft Length)



**BQ201**

Used for extra abrasion protection

**Insulating Hose Thin**  
(50ft Length)

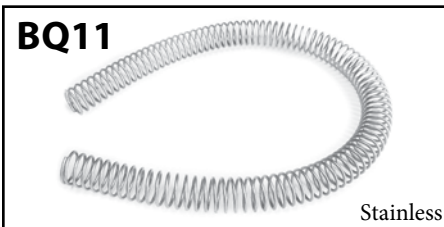


**BQ312-BK**  
**BQ312-GY**

Available in 10' segments

**Heat Protection Sleeve**

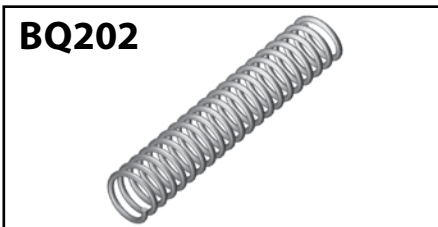
Attractive brake hose cover to protect the hose from hot components. Simply slide over hose before crimping end fittings.



**BQ11**

Stainless

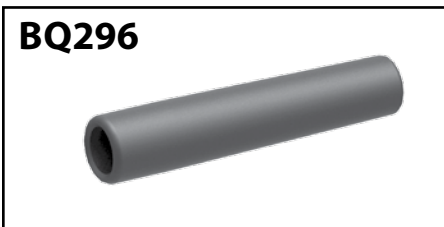
**Hose Protector Spring**  
(16" Length — Pack of 6)



**BQ202**

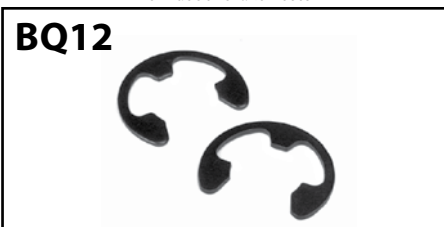
**Plastic Protector Spring**  
(19.5" Length)

PART NO.	COLOR	TEMPERATURE	
		CONSTANT	INTERMITTENT
BQ312-BK	Black	500° F	3,000° F
BQ312-GY	Gray	500° F	3,000° F



**BQ296**

**Strain Reliever**  
For rubber brake hoses



**BQ12**

**Fitting Shoulder Clips**  
(Pack of 20)



**BQ71**

**Bracket Retaining Screws**  
(Pack of 50)

## Rubber Brake Hose Cutter

**BQ2103**

**Replacement Blade BQ2101B**

This heavy duty tool cuts hose clean & square every time — with ease. Blade is reversible for double life.

# CENTER SUPPORT FITTINGS

## HFC01



MATERIAL	WIDTH	OAL	FITS
Steel	17mm	33mm	A

## HFC02



MATERIAL	WIDTH	OAL	FITS
Steel	17mm	34mm	A

## HFC06



MATERIAL	WIDTH	OAL	FITS
Steel	17mm	34mm	A

## HFC07



MATERIAL	WIDTH	OAL	FITS
Steel	19mm	35mm	A

## HFC09



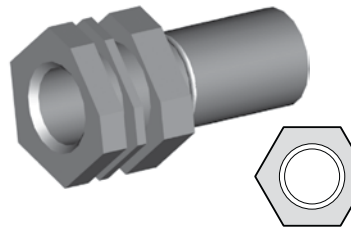
MATERIAL	WIDTH	OAL	FITS
Steel	17mm	34mm	A

## HFC10



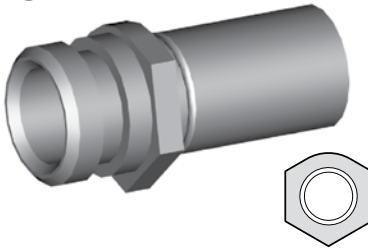
MATERIAL	WIDTH	OAL	FITS
Steel	19mm	35mm	A

## HFC11



MATERIAL	WIDTH	OAL	FITS
Steel	19mm	37mm	A

## HFC12



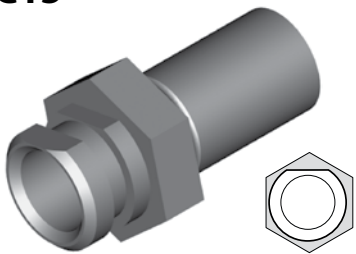
MATERIAL	WIDTH	OAL	FITS
Steel	17mm	35mm	A

## HFC13



MATERIAL	WIDTH	OAL	FITS
Steel	17mm	33mm	A

## HFC15



MATERIAL	WIDTH	OAL	FITS
Steel	19mm	37mm	A

## HFC17



MATERIAL	WIDTH	OAL	FITS
Steel	16mm	37mm	US

## HFC301A



Alt. HFC301

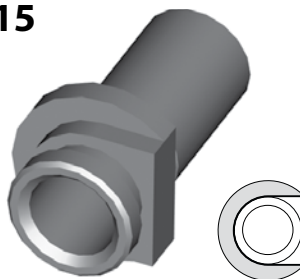
MATERIAL	WIDTH	OAL	FITS
Steel	20mm	33mm	EU

## HFC307



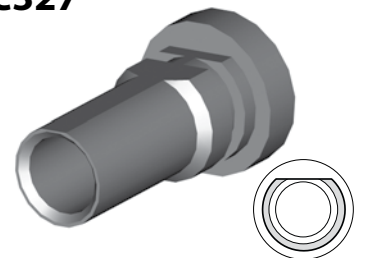
MATERIAL	WIDTH	OAL	FITS
Steel	19mm	36mm	US

## HFC315



MATERIAL	WIDTH	OAL	FITS
Steel	22mm	34mm	A

## HFC327



MATERIAL	WIDTH	OAL	FITS
Steel	21mm	37mm	US

Clip Mount

A = Asian

EU = European

US = United States

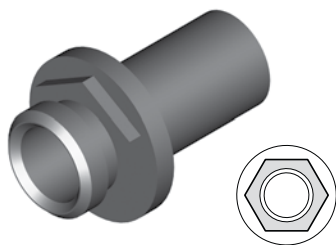
UNI = Universal

V = Various

# CENTER SUPPORT FITTINGS

Clip Mount

## HFC331



MATERIAL	WIDTH	OAL	FITS
Steel	33mm	34mm	A

## HFC04



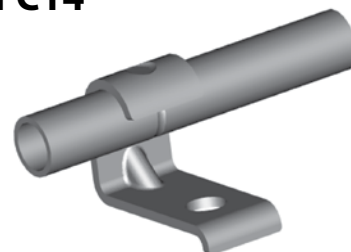
MATERIAL	WIDTH	OAL	FITS
Steel	39mm	30mm	A

## HFC05



MATERIAL	WIDTH	OAL	FITS
Steel	20mm	30mm	A

## HFC14



MATERIAL	WIDTH	OAL	FITS
Steel	33mm	80mm	US

## HFC18



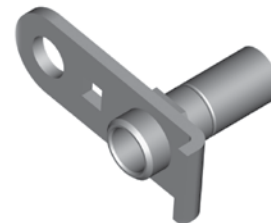
MATERIAL	WIDTH	OAL	FITS
Steel	24mm	48mm	US

## HFC19



MATERIAL	WIDTH	OAL	FITS
Steel	24mm	48mm	US

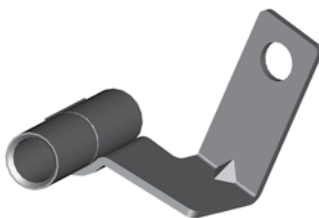
## HFC316



MATERIAL	WIDTH	OAL	FITS
Steel	22mm	36mm	A

Bracket Mount

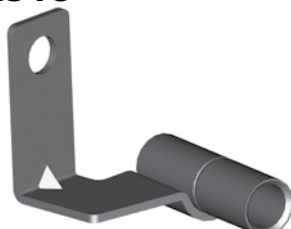
## HFC317



Left

MATERIAL	WIDTH	OAL	FITS
Steel	45mm	48mm	A

## HFC318



Right

MATERIAL	WIDTH	OAL	FITS
Steel	45mm	48mm	A

## HFC319



Left

MATERIAL	WIDTH	OAL	FITS
Steel	45mm	50mm	A

## HFC320



Right

MATERIAL	WIDTH	OAL	FITS
Steel	45mm	50mm	A

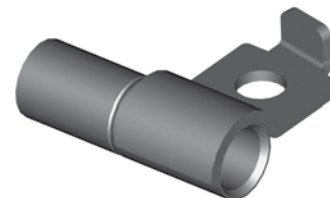
## HFC321



Left

MATERIAL	WIDTH	OAL	FITS
Steel	55mm	50mm	A

## HFC322



Left

MATERIAL	WIDTH	OAL	FITS
Steel	40mm	42mm	A

A = Asian

EU = European

US = United States

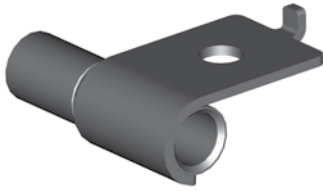
UNI = Universal

V = Various



# CENTER SUPPORT FITTINGS

## HFC323



Left

MATERIAL	WIDTH	OAL	FITS
Steel	45mm	48mm	A

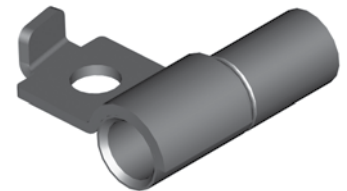
## HFC324



Right

MATERIAL	WIDTH	OAL	FITS
Steel	55mm	50mm	A

## HFC325



Right

MATERIAL	WIDTH	OAL	FITS
Steel	40mm	42mm	A

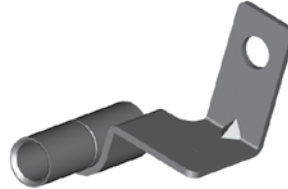
## HFC326



Right

MATERIAL	WIDTH	OAL	FITS
Steel	45mm	48mm	A

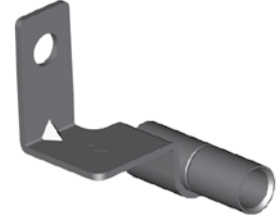
## HFC328



Left

MATERIAL	WIDTH	OAL	FITS
Steel	45mm	50mm	A

## HFC329



Right

MATERIAL	WIDTH	OAL	FITS
Steel	45mm	50mm	A

## HFC338



MATERIAL	WIDTH	OAL	FITS
Steel	18mm	-	A

## HFC339



MATERIAL	WIDTH	OAL	FITS
Steel	18mm	-	A

## HFC340



M6 x 1 Thread

MATERIAL	WIDTH	OAL	FITS
Steel	20mm	29mm	A

## HFC341



MATERIAL	WIDTH	OAL	FITS
Steel	23mm	-	A

## HFC342



MATERIAL	WIDTH	OAL	FITS
Steel	23mm	-	A

## HFC343



MATERIAL	WIDTH	OAL	FITS
Steel	40mm	37mm	A

## HFC344



MATERIAL	WIDTH	OAL	FITS
Steel	40mm	37mm	A

## HFC345



MATERIAL	WIDTH	OAL	FITS
Steel	-	44mm	A

## HFC346



MATERIAL	WIDTH	OAL	FITS
Steel	-	44mm	A

Bracket Mount

A = Asian

EU = European

US = United States


UNI = Universal

V = Various

# CENTER SUPPORT FITTINGS

Bracket Mount

**HFC347**



M8 x 1.25 Thread

MATERIAL	WIDTH	OAL	FITS
Steel	20mm	25mm	EU

**HFC348**



M8 x 1.25 Thread

MATERIAL	WIDTH	OAL	FITS
Steel	22mm	66mm	US

**HFC350**



Right

MATERIAL	WIDTH	OAL	FITS
Steel	67mm	25mm	EU

**HFC351**



Left

MATERIAL	WIDTH	OAL	FITS
Steel	90mm	24mm	A

**HFC352**



Right

MATERIAL	WIDTH	OAL	FITS
Steel	90mm	24mm	A

**HFC353**



Left

MATERIAL	WIDTH	OAL	FITS
Steel	24mm	73mm	A

**HFC354**



Right

MATERIAL	WIDTH	OAL	FITS
Steel	24mm	73mm	A

**HFC355**



Left

MATERIAL	WIDTH	OAL	FITS
Steel	20mm	40mm	A

**HFC356**



Right

MATERIAL	WIDTH	OAL	FITS
Steel	20mm	40mm	A

**HFC357**



Left

MATERIAL	WIDTH	OAL	FITS
Steel	-	-	A

**HFC358**



Right

MATERIAL	WIDTH	OAL	FITS
Steel	-	-	A

**HFC359**



Left

MATERIAL	WIDTH	OAL	FITS
Steel	25mm	60mm	A

**HFC360**



Right

MATERIAL	WIDTH	OAL	FITS
Steel	20mm	25mm	EU

**HFC361**



Left  
M6 x 1 Nut

MATERIAL	WIDTH	OAL	FITS
Steel	35mm	53mm	A

**HFC362**



Right  
M6 x 1 Nut

MATERIAL	WIDTH	OAL	FITS
Steel	35mm	53mm	A

A = Asian    EU = European    US = United States    UNI = Universal    V = Various

# CENTER SUPPORT FITTINGS AND BRACKETS

Bracket Mount

**HFC363**



Left  
M8 x 1.25 Screw

MATERIAL	WIDTH	OAL	FITS
Steel	38mm	72mm	V

**HFC364**



Right  
M8 x 1.25 Screw

MATERIAL	WIDTH	OAL	FITS
Steel	38mm	72mm	V

**BQB01**



LOCATION	HOLE	FITS
-	9mm	US

**BQB04**



LOCATION	HOLE	FITS
Either	8.4mm	US

**BQB05**



LOCATION	HOLE	FITS
-	9mm	US

**BQB07**



LOCATION	HOLE	FITS
Rear	12.4mm	US

**BQB10**



LOCATION	HOLE	FITS
Left	9.6mm	US

**BQB11**



LOCATION	HOLE	FITS
Right	9.6mm	US

Fitting Brackets

**BQB14**



LOCATION	HOLE	FITS
Left	8.6mm	US

**BQB15**



LOCATION	HOLE	FITS
Right	8.6mm	US

**BQB20**



LOCATION	HOLE	FITS
Either	9mm	US

**BQB24**



LOCATION	HOLE	FITS
Left	8.8mm	US

**BQB25**



LOCATION	HOLE	FITS
Right	8.8mm	US

**BQB26**



LOCATION	HOLE	FITS
Right	7mm	US

A = Asian    EU = European    US = United States    UNI = Universal    V = Various

# BRACKETS

Fitting Brackets

**BQB27**



LOCATION	HOLE	FITS
Left	7mm	US

**BQB29**



LOCATION	HOLE	FITS
Either	9.6mm	US

**BQB30**



LOCATION	HOLE	FITS
Rear	10.4mm	US

**BQB39**



LOCATION	HOLE	FITS
Left	9mm	US

**BQB40**



LOCATION	HOLE	FITS
Right	9mm	US

**BQB41**



LOCATION	HOLE	FITS
Left	9mm	US

**BQB42**



LOCATION	HOLE	FITS
Right	9mm	US

**BQB50**



LOCATION	HOLE	FITS
Either	8mm	US

**BQB64**



LOCATION	HOLE	FITS
Left	8.3mm	US

**BQB65**



LOCATION	HOLE	FITS
Right	8.3mm	US

**BQB75**



LOCATION	HOLE	FITS
Rear	8.5mm	US

**BQB83**



LOCATION	HOLE	FITS
Either	8.8mm	US

**BQB86**



LOCATION	HOLE	FITS
Left	8.5mm	US

**BQB87**



LOCATION	HOLE	FITS
Right	8.5mm	US

**BQB88**



LOCATION	HOLE	FITS
Either	7.7mm	US

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BRACKETS

**BQB89**



LOCATION	HOLE	FITS
Either	10.4mm	US

**BQB90**



LOCATION	HOLE	FITS
Left	9.0mm	US

**BQB91**



LOCATION	HOLE	FITS
Right	9.0mm	US

**BQB94**



LOCATION	HOLE	FITS
Right	9.0mm	US

**BQB105**



LOCATION	HOLE	FITS
Either	9mm	US

**BQB111**



LOCATION	HOLE	FITS
Left	8.8mm	US

**BQB112**



LOCATION	HOLE	FITS
Right	8.8mm	US

**BQB115**



LOCATION	HOLE	FITS
Either	3/8 x 16UNC	US

**BQB118**



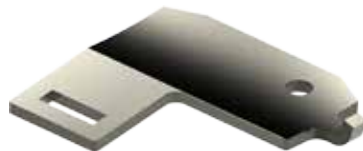
LOCATION	HOLE	FITS
Either	12mm	US

**BQB120**



LOCATION	HOLE	FITS
Right	9mm	US

**BQB151**



LOCATION	HOLE	FITS
Right	6.3mm	US

**BQB152**



LOCATION	HOLE	FITS
Left	6.3mm	US

**BQB160**



LOCATION	HOLE	FITS
Left	9mm	US

**BQB166**



LOCATION	HOLE	FITS
Left	9mm	US

**BQB171**



LOCATION	HOLE	FITS
Either	8.7mm	US

Fitting Brackets

A = Asian    EU = European    US = United States    UNI = Universal    V = Various



# BRACKETS

Fitting Brackets

**BQB185**



LOCATION	HOLE	FITS
Right	16.3mm	US

**BQB186**



LOCATION	HOLE	FITS
Left	16.3mm	US

**BQB312**



LOCATION	HOLE	FITS
Left	6.3mm	US

**BQB313**



LOCATION	HOLE	FITS
Right	6.3mm	US

**BQB315**



LOCATION	HOLE	FITS
Left	10mm	US

**BQB316**



LOCATION	HOLE	FITS
Right	10mm	US

**BQB317**



LOCATION	HOLE	FITS
Left	9mm	EU

**BQB318**



LOCATION	HOLE	FITS
Right	9mm	EU

**BQB319**



LOCATION	HOLE	FITS
Either	9mm	EU

**BQB415**



For use with HFIF120

LOCATION	HOLE	FITS
Either	5/16"	US

# BRACKETS

**BQB08**



LOCATION	HOLE	FITS
Right	8.8mm	US

**BQB09**



LOCATION	HOLE	FITS
Left	8.8mm	US

**BQB12**



LOCATION	HOLE	FITS
Left	M6 x 1	US

**BQB16**



LOCATION	HOLE	FITS
Left	9mm	US

**BQB17**



LOCATION	HOLE	FITS
Right	9mm	US

**BQB18**



LOCATION	HOLE	FITS
Left	9mm	US

**BQB19**



LOCATION	HOLE	FITS
Right	9mm	US

**BQB21**



LOCATION	HOLE	FITS
Left	6mm	US

**BQB22**



LOCATION	HOLE	FITS
Right	6mm	US

**BQB23**



LOCATION	HOLE	FITS
Either	8.8mm	US

**BQB31**



Includes Grommet

LOCATION	HOLE	FITS
Either	6mm	A

**BQB32**



LOCATION	HOLE	FITS
Right	8mm	US

**BQB34**



M6 x 1

LOCATION	HOLE	FITS
Left	M6 x 1	US

**BQB35**



M6 x 1

LOCATION	HOLE	FITS
Right	M6 x 1	US

**BQB36**



LOCATION	HOLE	FITS
Left	8.4mm	US

Center Brackets

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BRACKETS

Center Brackets

**BQB37**



LOCATION	HOLE	FITS
Right	8.4mm	US

**BQB38**



LOCATION	HOLE	FITS
Either	5/16NF	US

**BQB48**



LOCATION	HOLE	FITS
Left	6.4mm	US

**BQB51**



LOCATION	HOLE	FITS
Left	9mm	US

**BQB52**



LOCATION	HOLE	FITS
Right	9mm	US

**BQB69**



LOCATION	HOLE	FITS
Either	M8 x 1.25	US

**BQB70**



LOCATION	HOLE	FITS
Left	9.2mm	US

**BQB71**



LOCATION	HOLE	FITS
Right	9.2mm	US

**BQB72**



LOCATION	HOLE	FITS
Left	7mm	US

**BQB73**



LOCATION	HOLE	FITS
Right	7mm	US

**BQB74**



LOCATION	HOLE	FITS
Left	8.8mm	US

**BQB78**



LOCATION	HOLE	FITS
Right	8.8mm	US

**BQB81**



LOCATION	HOLE	FITS
Rear	9.0mm	US

**BQB85**



LOCATION	HOLE	FITS
Either	9mm	US

**BQB92**



LOCATION	HOLE	FITS
Left	M6 x 1	US

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BRACKETS

**BQB93**



M6 x 1

LOCATION	HOLE	FITS
Right	M6 x 1	US

**BQB98**



LOCATION	HOLE	FITS
Right	9mm	US

**BQB100**



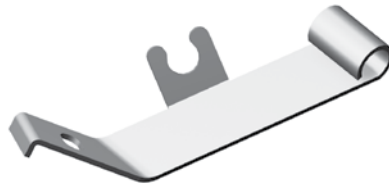
LOCATION	HOLE	FITS
Left	9mm	US

**BQB101**



LOCATION	HOLE	FITS
Right	9mm	US

**BQB109**



LOCATION	HOLE	FITS
Left	7mm	US

**BQB110**



LOCATION	HOLE	FITS
Right	7mm	US

**BQB141**



LOCATION	HOLE	FITS
Left	9mm	US

**BQB162**



LOCATION	HOLE	FITS
Right	6.3mm	US

**BQB163**



LOCATION	HOLE	FITS
Left	6.3mm	US

**BQB168**



M6 x 1

LOCATION	HOLE	FITS
Either	M6 x 1	US

**BQB169**



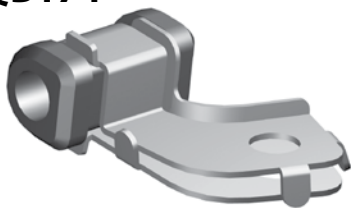
LOCATION	HOLE	FITS
Either	9mm	US

**BQB172**



LOCATION	HOLE	FITS
Either	9mm	US

**BQB174**



Includes Grommet

LOCATION	HOLE	FITS
Right	9mm	A

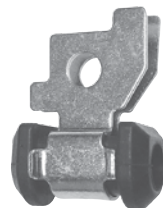
**BQB195**



Includes Grommet

LOCATION	HOLE	FITS
Left	9mm	A

**BQB221**



Includes Grommet

LOCATION	HOLE	FITS
Either	9mm	A

Center Brackets

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BRACKETS

Center Brackets

**BQB222**



Includes Grommet

LOCATION	HOLE	FITS
Right	9mm	A

**BQB223**



Includes Grommet

LOCATION	HOLE	FITS
Left	9mm	A

**BQB224**



Includes Grommet

LOCATION	HOLE	FITS
Right	9mm	A

**BQB225**



Includes Grommet

LOCATION	HOLE	FITS
Left	9mm	A

Universal

**BQB06**



Two 5mm mount holes

**BQB244**



Two 6.8mm mount holes

# BRAKE HOSE GROMMETS

**BQ203**



DIAMETER	OAL	FITS
16mm	104mm	V

**BQ210**



DIAMETER	OAL	FITS
30mm	10mm	EU

**BQ211**



DIAMETER	OAL	FITS
18mm	25mm	V

A = Asian

EU = European

US = United States

UNI = Universal

V = Various



# BRAKE HOSE GROMMETS

**BQ212**



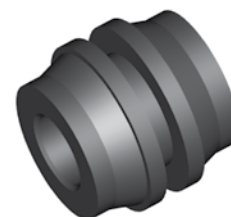
DIAMETER	OAL	FITS
22mm	41mm	V

**BQ213**



DIAMETER	OAL	FITS
30mm	32mm	A

**BQ215**



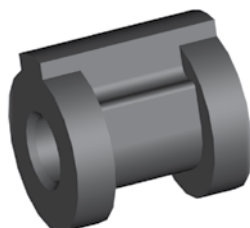
DIAMETER	OAL	FITS
25mm	22mm	A

**BQ216**



DIAMETER	OAL	FITS
28mm	32mm	EU

**BQ217**



DIAMETER	OAL	FITS
28mm	29mm	EU

**BQ218**



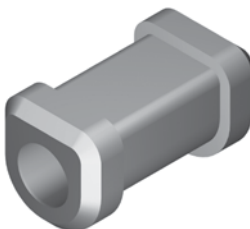
DIAMETER	OAL	FITS
25mm	16mm	EU

**BQ233**



DIAMETER	OAL	FITS
26mm	24mm	EU

**BQ234**



DIAMETER	OAL	FITS
19mm	34mm	A

**BQ272**



DIAMETER	OAL	FITS
25.4mm	10mm	EU

**BQ273**



DIAMETER	OAL	FITS
26mm	8mm	EU

**BQ274**



DIAMETER	OAL	FITS
18mm	62mm	EU

**BQ275**



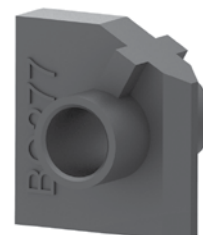
DIAMETER	OAL	FITS
32mm	24mm	EU

**BQ276**



DIAMETER	OAL	FITS
18.4mm	10mm	EU

**BQ277**



DIAMETER	OAL	FITS
31mm	28mm	EU

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

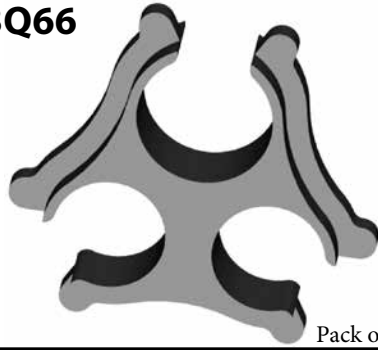
# BRAKE HOSE PLASTIC CLIPS

**BQ65**



Pack of 6

**BQ66**



Pack of 6

**BQ67**



Pack of 6

**BQ68**



Pack of 6

**BQ69**



Pack of 6

**BQ70**



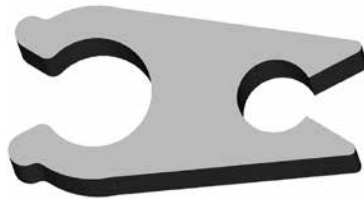
Pack of 6

**BQ97**



Pack of 6

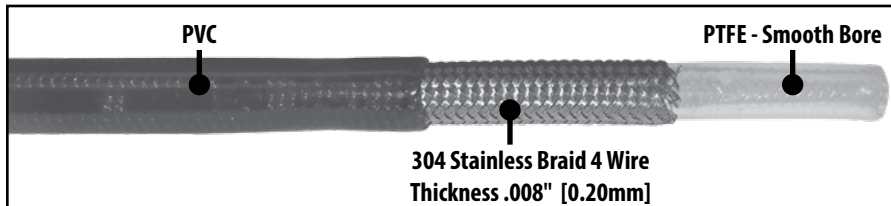
**BQ98**



Pack of 6

# Stainless Steel Braided Brake Hose

## High Performance



**304 Stainless Braid 4 Wire  
Thickness .008" [0.20mm]**

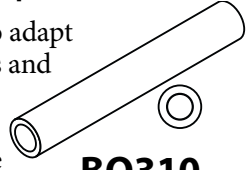
PART NO.	NOM. SIZE (ID)	JACKET COLOR
BQ301	1/8"	No Jacket
BQ302BK	1/8"	Solid Black
BQ303	1/8"	Translucent
BQ303BK	1/8"	Translucent Black
BQ303BL	1/8"	Blue
BQ303RD	1/8"	Red

ID SIZE	OD SIZE (BRAID)	OD INCLUDING COVER	MAX. WORKING PRESSURE	MIN. BURST PRESSURE	MIN. BEND RADIUS
1/8" (3.4mm)	1/4" (6.30mm)	0.295" (7.50mm)	3,000 psi (207 Bar)	12,000psi (827 Bar)	2" (50.80mm)

**Temperature Range: +500°F (260°C) to -100°F (-73°C)**

**Clear Center Fitting Adaptor Tube**

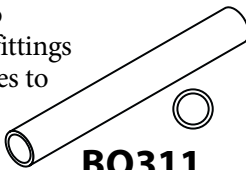
Allows you to adapt center fittings and accessories to non-jacketed hose available in 10' lengths.




**BQ310**

---

Allows you to adapt center fittings and accessories to jacketed hose available in 10' lengths.




**BQ311**



**Braided Hose Insert**

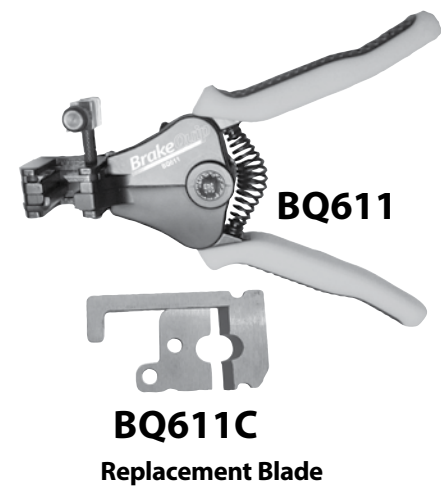
PART NO.	DESCRIPTION
BQ251-SV	Braided Hose Insert - Silver
BQ251-BK	Braided Hose Insert - Black
BQ251-BL	Braided Hose Insert - Blue
BQ251-RD	Braided Hose Insert - Red
BQ251-PP	Braided Hose Insert - Purple
BQ251-GD	Braided Hose Insert - Gold
BQ251-GR	Braided Hose Insert - Green

### TOOLS



**BQ2104**

**Small Braided Hose Shears**  
High grade braided hose shears that cuts the hose clean without fraying the braid. Handy inside stops are ideal for rounding up the hose after cutting.



**BQ611**

**BQ611C**  
Replacement Blade

**High Speed Skiving Tool**  
Skive your braided hose in a matter of a few seconds. Adjustable stop allows precise measurement every time. This tool has three actions with one simple squeeze of the handles. The first stage clamps the hose, the second stage brings the knives down and cuts the outer cover, and the final stage rips it off the hose. This high productivity tool will save you a lot of time and heartache and leave you with a professional result.

# BRAIDED HOSE CENTER SUPPORTS

**LPC01**



WIDTH/HEX	LENGTH	MOUNT	FITS
17mm	33mm	Clip	V

**LPC05**



WIDTH/HEX	LENGTH	MOUNT	FITS
20mm	29mm	Bracket	A

**LPC06**



WIDTH/HEX	LENGTH	MOUNT	FITS
17mm	34mm	Clip	A

**LPC07**



WIDTH/HEX	LENGTH	MOUNT	FITS
19mm	36mm	Clip	V

**LPC09**



WIDTH/HEX	LENGTH	MOUNT	FITS
17mm	34mm	Clip	A

**LPC12**



WIDTH/HEX	LENGTH	MOUNT	FITS
17mm	36mm	Clip	US

**LPC17**



WIDTH/HEX	LENGTH	MOUNT	FITS
16mm	37mm	Clip	US

**LPC301**



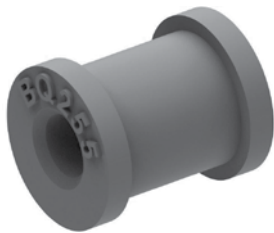
WIDTH/HEX	LENGTH	MOUNT	FITS
20mm	33mm	Clip	EU

**LPC331**



WIDTH/HEX	LENGTH	MOUNT	FITS
20mm	35mm	Clip	A

**BQ255**



DIAMETER	OAL	FITS
18mm	22mm	V

**BQ288**



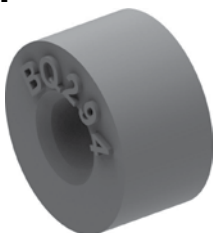
DIAMETER	OAL	FITS
25mm	17mm	V

**BQ289**



DIAMETER	OAL	FITS
19	34mm	A

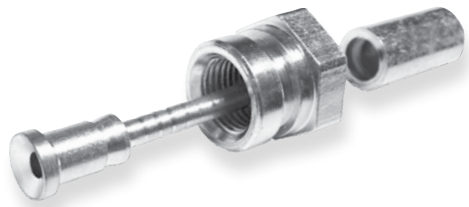
**BQ294**



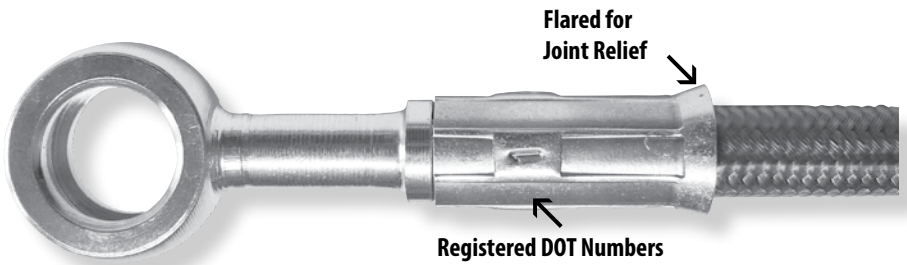
DIAMETER	OAL	FITS
19mm	10mm	EU

# LOW PROFILE FITTINGS

## REAL DOT Conformance with the Extreme Look



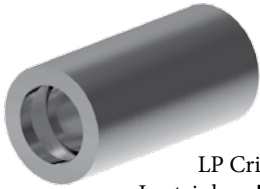
**"Mix and Match System"**  
allows you to consolidate your inventory



Flared for  
Joint Relief

Registered DOT Numbers

### LP121



LP Crimp Shell  
In stainless: LP121SS  
Required for all LP fittings

MATERIAL	OAL
Steel	20mm

### LP01-3



Lifesaver

THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	3/16"	32mm	UNI

### LP01-4



Lifesaver

THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	1/4"	32mm	UNI

### LP01-5



Lifesaver

THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	5/16"	32mm	UNI

### LP02



Universal

THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	3/16"	105mm	UNI

### LP03



Universal

THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	1/4"	105mm	UNI

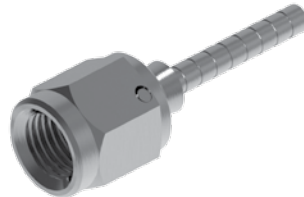
### LP06-7



90° Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
7/16" x 24NS	45° Double	1/4"	-	V

### LP09W-6



Swivel  
In chrome: LP09W-6C

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	37°	-	-	V

### LP10W-6



45° Swivel  
In chrome: LP10W-6C

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	37°	-	-	V

### LP11-6



90° Swivel  
No. 3 JIC

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	37° Double	3/16"	-	V

### LP11W-6



90° Swivel  
In chrome: LP11W-6C

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	37°	-	-	V

### LP12W-7



Swivel  
In chrome: LP12W-7C

THREAD	FLARE	TUBE SIZE	OAL	FITS
7/16" x 20NF	37°	-	-	V

Crimp Shells, Lifesavers, and Universals

Swivels

A = Asian

EU = European

US = United States

UNI = Universal

V = Various



# LOW PROFILE FITTINGS

Swivels

## LP13W-7



45° Swivel  
In chrome: LP13W-7C

THREAD	FLARE	TUBE SIZE	OAL	FITS
7/16" x 20NF	37°	-	-	V

## LP14W-7



90° Swivel  
In chrome: LP14W-7C

THREAD	FLARE	TUBE SIZE	OAL	FITS
7/16" x 20NF	37°	-	-	V

## LP16-6



Male Swivel  
In stainless: LP16-6SS  
In chrome: LP16-6C

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	45° Double	3/16"	-	V

## LP17-6



90° Swivel  
In stainless: LP17-6SS  
In chrome: LP17-6C

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	45° Double	3/16"	-	V

## LP33-6



45° Male Swivel  
In stainless: LP33-6SS  
In chrome: LP33-6C

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	45° Double	3/16"	-	V

## LP34-M10X1



Male Swivel  
In stainless: LP34-M10X1SS

THREAD	FLARE	TUBE SIZE	OAL	FITS
M10 x 1	45° Double	3/16"	-	V

## LP45-6



35° Male Swivel  
In chrome: LP45-6C

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	45° Double	3/16"	90mm	V

## LP46-6



90° Male Swivel  
In chrome: LP46-6C

THREAD	FLARE	TUBE SIZE	OAL	FITS
3/8" x 24NF	45° Double	3/16"	90mm	V

## LP82-M10X1



Male Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M10 x 1	DIN	3/16"	-	V

## LP125



90° Male Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M10 x 1	DIN	3/16"	50mm	V

## LP126



45° Male Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M10 x 1	DIN	3/16"	67mm	V

## LP127



Male Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M10 x 1	DIN	3/16"	58mm	V

## LP128W



Wire Lock

THREAD	FLARE	HEX	OAL	FITS
M10 x 1	37°	12mm	38mm	-

## LP145-M10X125



Male Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M10 x 1.25	45° Double	3/16"	-	V

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# LOW PROFILE FITTINGS

## LPB01-10M



Red: LPB01-10MARD  
 Blue: LPB01-10MABL  
 Black: LPB01-10MABK  
 In stainless: LPB01-10MSS  
 In chrome: LPB01-10MC

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	-	-	V

## LPB01-45-10M



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	45°	-	V

## LPB01-75-10M



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	75°	-	V

## LPB01-90-10M



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	90°	-	V

## LPB09-10M



In stainless: LPB09-10MSS  
 In chrome: LPB09-10MC

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	-	-	V

## LPB09-45-10M



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	45°	-	V

## LPB09-75-10M



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	75°	-	V

## LPB09-90-10M



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	90°	-	V

## LPB09SW-10M



Swiveling Banjo  
 with Shell Assembly

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	-	-	V

## LPB12-10M



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	20mm	10°	-	V

## LPB14



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	13mm	20mm	0°	-	V

## LPB47-12M



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
12mm	10mm	19mm	-	-	V

## LPB171-10M



In chrome: LPB171-10MC

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	18mm	40°	-	US

## LPB178-7



In chrome: LPB178-7C

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	8mm	20mm	40°	-	US

## LPB448-7



In stainless: LPB448-7SS  
 In chrome: LPB448-7C

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	10mm	19mm	-	-	V

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

Banjo

# LOW PROFILE FITTINGS

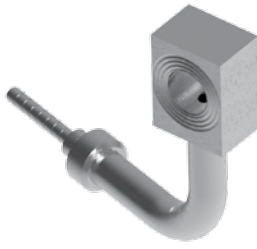
Banjo

## LPB455-10M



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	-	-	V

## LPB493-10M



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	12.7mm	18mm	90°	-	US

## LPB494-10M

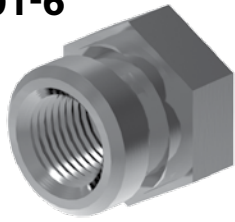


Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	12.7mm	18mm	90°	-	US

Imperial Female

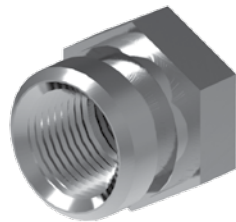
## LPIF01-6



In stainless: LPIF01-6SS  
In chrome: LPIF01-6C

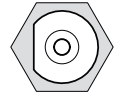
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	-	Clip	17mm	-	V

## LPIF02-7



THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	-	Clip	17mm	-	V

## LPIF05



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	-	Clip	19mm	-	V

## LPIF10



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	-	Clip	16mm	-	V

## LPIF126-6



In chrome: LPIF126-6C

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	8mm	-	US

## LPIFX01



5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	-	Bulkhead	19mm	-	V

Imperial Male

## LPIM01-6



THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	12.5mm	16mm	-	V

## LPIM02-6



In stainless: LPIM02-6SS

THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	24mm	16mm	-	V

## LPIM03-7



THREAD	THREAD LENGTH	HEX	OAL	FITS
7/16" x 20NF	12mm	16mm	-	V

## LPIM13-7



THREAD	THREAD LENGTH	HEX	OAL	FITS
7/16" x 24NS	12mm	16mm	-	V

## LPIM19



THREAD	THREAD LENGTH	HEX	OAL	FITS
1/8" x 27NPT	12mm	14mm	-	V

## LPIM28-6



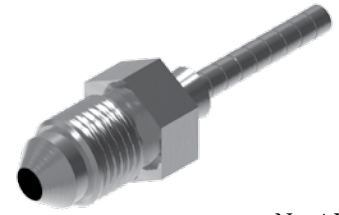
No. 3 JIC

THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	8mm	11mm	46mm	V

A = Asian    EU = European    US = United States    UNI = Universal    V = Various

# LOW PROFILE FITTINGS

## LPIM29-7

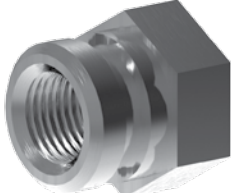


No. 4 JIC

THREAD	THREAD LENGTH	HEX	OAL	FITS
7/16" x 20NF	8mm	13mm	47mm	V

Imperial Male

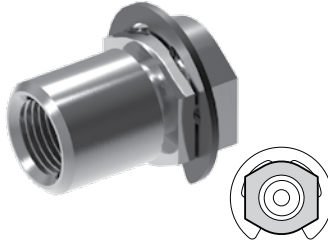
## LPMF01-M10X1



In stainless: LPMF01-M10X1SS  
In chrome: LPMF01-M10X1C

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	-	Clip	17mm	-	V

## LPMF02-M10X1



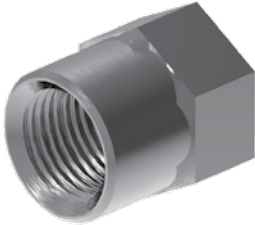
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	-	Clip	17mm	-	A

## LPMF04



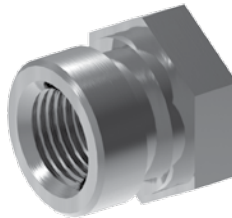
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1	-	Clip	17mm	-	V

## LPMF05-M10X1



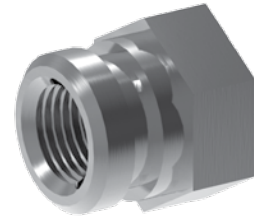
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	-	Clip	14mm	-	EU

## LPMF08-M10X1



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	-	Clip	17mm	-	V

## LPMF09-M10X125



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1.25	-	Clip	17mm	-	V

## LPMF10



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12x1	-	Clip	19mm	-	V

## LPMF11



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1	-	Clip	19mm	-	V

## LPMF14



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1	-	Clip	17mm	-	V

## LPMF15



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1	-	Clip	17mm	-	V

## LPMF16



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1	-	Clip	19mm	-	V

## LPMF20



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1	-	Clip	17mm	-	V

Metric Female

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# LOW PROFILE FITTINGS

Metric Female

## LPMF24



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1	-	Clip	17mm	-	V

## LPMF28



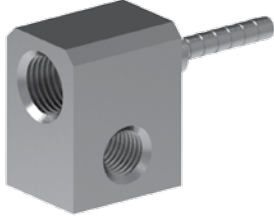
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1	-	Clip	17mm	-	V

## LPMF48



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1	-	Clip	-	-	V

## LPMF322-M10X1



Mounting hole thread: M8 x 1.25

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1	Inverted	Bolt	-	-	A

Metric Male

## LPMM01-M10X1



THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	17mm	16mm	-	A

## LPMM02-M10X1



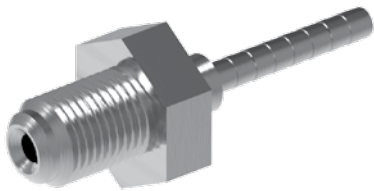
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	23mm	15mm	-	V

## LPMM03-M10X1



THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	14mm	14mm	-	V

## LPMM04-M10X125



THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1.25	13mm	16mm	-	A

## LPMM06-M10X1



THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	13mm	16mm	-	A

Miscellaneous

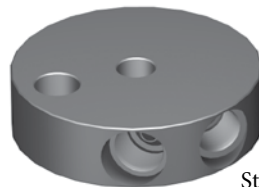
## LP124



8mm Mount Hole  
In stainless: LP124SS

THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	-	-	V

## BQ177SS



Stainless Steel  
fits Harley Davidson  
Supplied with BQ244 for sealing

THREAD	FLARE	OAL	FITS
3/8" x 24NF x 3	45°	47mm	US

A = Asian

EU = European

US = United States

UNI = Universal

V = Various



# LOW PROFILE FITTINGS

Following is the code to help understand how the part numbering system works for Low Profile Stems.

- LI: Long – Inverted Seat
- SI: Short – Inverted Seat
- SD: Short – Drill-Point Seat
- T: Designed for a Tube Nut

- DIN: 120° Drill-Point Seat (silver)
- JIC: 37° Inverted Seat (black)
- SAE: 45° Inverted Seat (gold)
- LPS: Low-Profile Stem

The long and short designated ones are designed for the different female fittings.

## LPS-LI-SAE



SEAT	SEAT ANGLE	COLOR
Inverted	45°	Gold

## LPS-SI-JIC



SEAT	SEAT ANGLE	COLOR
Inverted	37°	Black

## LPS-SI-SAE



SEAT	SEAT ANGLE	COLOR
Inverted	45°	Gold

## LPS-SD-DIN



SEAT	SEAT ANGLE	COLOR
DPS	DIN 120°	Silver

## LPS-SD-JIC



SEAT	SEAT ANGLE	COLOR
DPS	37°	Black

## LPS-SD-SAE



SEAT	SEAT ANGLE	COLOR
DPS	45°	Gold

## LPS-T-DIN



SEAT	SEAT ANGLE	COLOR
Dual - DIN	-	Silver

## LPS-T-JIC



SEAT	SEAT ANGLE	COLOR
Dual	37°	Black

## LPS-T-SAE



SEAT	SEAT ANGLE	COLOR
Dual	45°	Gold

## BQ9150



Only for use with LPS-T-\* stems

THREAD	THREAD LENGTH	OAL
7/16" x 20 NF	12mm	18mm

## BQ9151



Only for use with LPS-T-\* stems

THREAD	THREAD LENGTH	OAL
3/8" x 24 NF	10mm	16mm

Seat Stems

Special Tube Nuts

# Power Steering Hose Program

Repair failed power steering hoses economically and quickly. Simply re-use the existing end fittings to replace the failed rubber hose utilizing BrakeQuip's uniquely designed crimp fittings.



## Power Steering Hoses

### High Pressure



**PS330**

ID SIZE	OD SIZE	WORKING PRESSURE	MIN. BURST PRESSURE	MIN. BEND RADIUS
3/8"	18mm	1,639 psi	8,700 psi	3-1/4"

**Temperature Range:** -40°F to +275°F (-40°C to +150°C)

This hose has a high temperature rating and is compatible with most power steering oils. High expansion for noise resistance. Complies with SAE J2050 standards.

### Low Pressure



**PS331**

ID SIZE	OD SIZE	WORKING PRESSURE	MIN. BURST PRESSURE	MIN. BEND RADIUS
3/8"	16.25mm	300 psi	1,200 psi	3"

**Temperature Range:** -40°F to +300°F (-40°C to +150°C)

This hose has a high temperature rating and is compatible with most power steering oils. Fabric cover to distinguish it and for flexibility. Complies with SAE J2076 standards.

## Power Steering Accessories

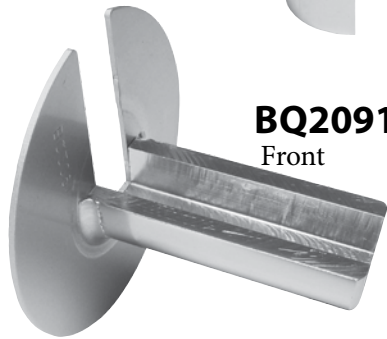
**BQ1026**

Rear



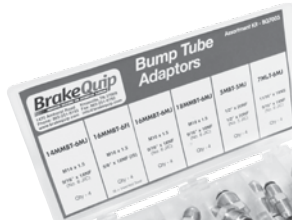
**BQ2091**

Front



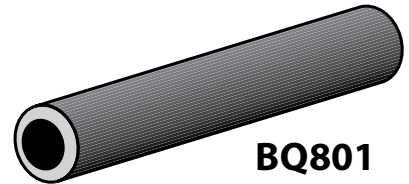
**Crimp Setting Tools**

For power steering hoses.



**BQ7003**

**Power Steering Adaptor Kit**



**BQ801**

This flow restrictor is mainly used on smaller cars and in particular Asian & European vehicles. Its purpose is to restrict flow to eliminate power steering noise.

**Flow Restrictor**

## Power Steering Die Sets



Die sets are available for many popular crimping machines, including

- BrakeQuip 1005 series
- Aeroquip
- Custom Crimp
- Dayco
- Finn-Power
- Gates
- Imperial Eastman
- Manuli-Techmaflex
- O + P
- Parker
- UNIFLEX
- Weatherhead
- XRP



**Steel Braze-On Adaptors**

PART NO.	THREAD - STEEL - NO. 6 JIC	TUBE SIZE
BQ226	9/16"x18NF	3/8"
BQ227	9/16"x18NF	10mm
BQ228	9/16"x18NF	1/2"

**Aluminum Braze-On Adaptor**

PART NO.	THREAD - STEEL - NO. 6 JIC	TUBE SIZE
BQ170	9/16"x18NF	3/8"

Contact your BrakeQuip sales rep for pricing and availability.

# POWER STEERING PROGRAM

## PSHF100



Slide over hose and lightly crimp

DESCRIPTION	SIZE	OAL
Center Support for Hose Clamp	-	27mm

## PSHF101



DESCRIPTION	SIZE	OAL
Braze-On Fitting	3/8"	44mm

## PSHF102



DESCRIPTION	SIZE	OAL
Braze-On Fitting	10mm	44mm

## PSHF103



DESCRIPTION	SIZE	OAL
Compression Fitting	3/8"	65mm

## PSHF104



DESCRIPTION	SIZE	OAL
Compression Fitting	10mm	65mm

## PSHF105



DESCRIPTION	SIZE	OAL
Braze-On Fitting	11mm	47mm

## PSHF106



To be used in conjunction with BQ226 (3/8") and BQ227 (10mm) braze on fittings.

DESCRIPTION	SIZE	OAL
Female Swivel	9/16" x 18NF	57mm

## PSHF107



DESCRIPTION	SIZE	OAL
Braze-On Fitting	5/16"	44mm

## PSHF108



DESCRIPTION	SIZE	OAL
Female Inverted Seat	M14 x 1.5	47MM

## PSHF109



DESCRIPTION	SIZE	OAL
Braze-On Fitting	1/4"	35mm

## PSHF111



DESCRIPTION	SIZE	OAL
Braze-On Fitting	12mm	44mm

## PSHF112



DESCRIPTION	SIZE	OAL
Compression Fitting	5/16"	50mm

## PSHF114



Swivel

DESCRIPTION	SIZE	OAL
90° Female Swivel	9/16" x 18NF	80mm

## PSHF115



Swivel

DESCRIPTION	SIZE	OAL
90° Female Swivel	5/8" - 18NF	80mm

## PSHF116



Swivel

DESCRIPTION	SIZE	OAL
Female Swivel	5/8" - 18NF	57mm

# POWER STEERING PROGRAM

**PSHF117**



Swivel

DESCRIPTION	SIZE	OAL
45° Female Swivel	5/8" - 18NF	95mm

**PSHF118**



Swivel

DESCRIPTION	SIZE	OAL
Male Swivel	7/16" - 24NS	70mm

**PSHF119**



Swivel

DESCRIPTION	SIZE	OAL
Male Swivel	1/2" - 20NF	70mm

**PSHF120**



Swivel

DESCRIPTION	SIZE	OAL
Male Swivel	5/8" - 18NF	73mm

**PSHF121**



Swivel

DESCRIPTION	SIZE	OAL
45° Male Swivel	7/16" - 24NS	77mm

**PSHF122**



Swivel

DESCRIPTION	SIZE	OAL
45° Male Swivel	1/2" - 20NF	81mm

**PSHF123**



Swivel

DESCRIPTION	SIZE	OAL
45° Male Swivel	5/8" - 18NF	86mm

**PSHF124**



Swivel

DESCRIPTION	SIZE	OAL
90° Male Swivel	7/16" - 24NS	66mm

**PSHF125**



Swivel

DESCRIPTION	SIZE	OAL
90° Male Swivel	1/2" - 20NF	75mm

**PSHF126**



Swivel

DESCRIPTION	SIZE	OAL
90° Male Swivel	5/8" - 18NF	80mm

**PSHF133**



DESCRIPTION	SIZE	OAL
Tube Lifesaver	3/8"	500mm

**PSHFB130**



DESCRIPTION	HOLE	THICKNESS
Banjo Fitting	14mm	17.3mm

**PSHFB132**



DESCRIPTION	HOLE	THICKNESS	ANGLE
Banjo Fitting	14mm	17.3mm	45°

**PSHFMM131**

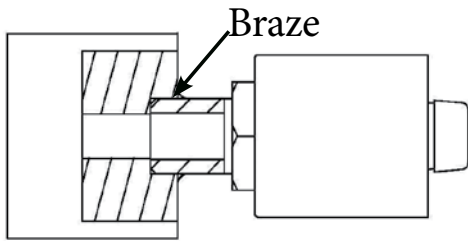


DESCRIPTION	THREAD	HEX	OAL
Metric Male	M16x1.5	19mm	70mm

# Power Steering Hose Fabrication Instructions

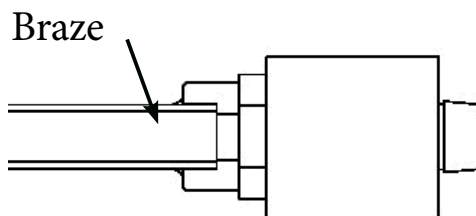
## Fitting Selection

**Male Lifesaver – PSHF105** – Designed for when you need to reuse a non-tube style fitting. The fitting to be reused will need to be countersunk between 1/8" to 3/16" (3 - 5mm) deep with a 11mm or 7/16" drill.



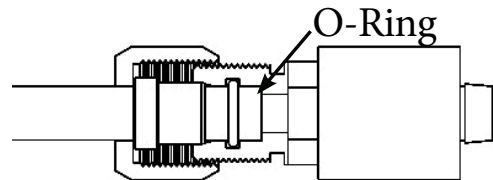
**Female Lifesavers – PSHF101 (3/8") and PSHF102 (10mm)** – designed for when you don't have enough room to use a compression fitting. These fittings are already countersunk. It is just a matter of cutting the existing tube at the maximum length possible and installing it into the appropriately selected fitting and brazing the tube to the fitting.

**IMPORTANT:** The brazing process must take place before crimping the fitting.



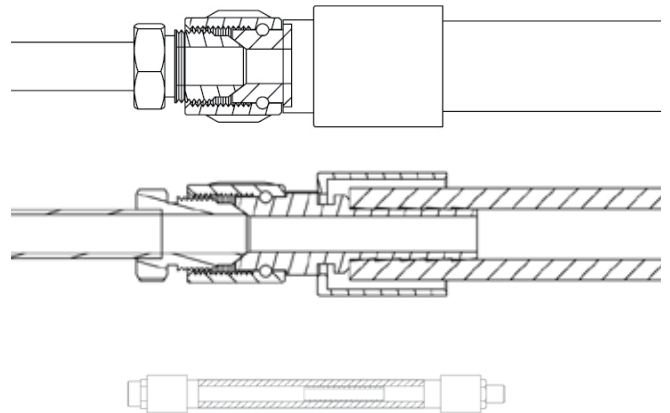
Note: It is important that only high pressure silver brazing rods be used. The silver content of the brazing rod must be at least 45%.

**Compression Fittings – PSHF103 (3/8") & PSHF104 (10mm)** – Designed for when you have sufficient straight tube to get a good seal on these types of fittings. See illustration below for correct assembly.

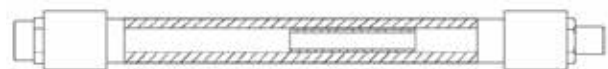


**Note:** It is important that the cut tube is deburred with a slight outside chamfer so that it doesn't damage the sealing O-Ring. Make sure that the tube goes past the O-Ring and bottoms out at the bottom of the fitting.

**Swivel Fitting – PSHF106** – Designed for an easier installation and flexible orientation. Simply braze a **BQ226 (3/8" tube)** or a **BQ227 (10mm tube)** fitting onto the end of the cut tube. This will then give you a male connection to attach to the No. 6 JIC female swivel fitting.



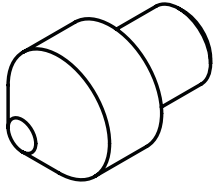
**Restrictor Tube - BQ801** - This is used only where applicable. Insert restrictor tube into hose before installing last end fitting. This special high temperature tube will "float" in the hose and restrict flow to reduce noise.





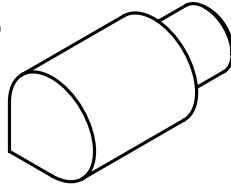
**Test Cones**

**BQ21**



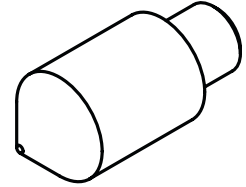
BQ21 Test Cone is designed as an aid for testing banjo fittings.

**BQ206**

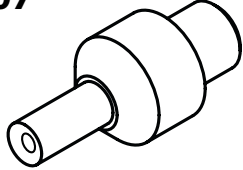


BQ206 and BQ206H are universal Test Cones for doing most general applications.

**BQ206H**

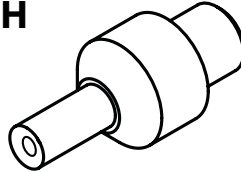


**BQ207**

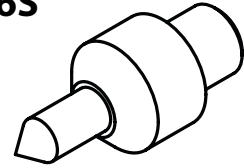


BQ207 and BQ207H Test Cones are designed for testing female fittings with inverted seats.

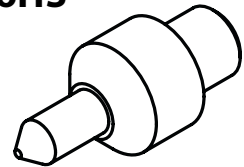
**BQ207H**



**BQ206S**

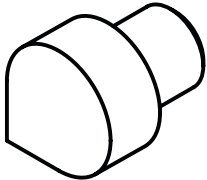


**BQ206HS**



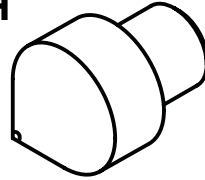
BQ206S and BQ206HS Test Cones are designed for testing female swivel fittings and female fittings with a drill point seat (DPS).

**BQ208**



BQ208 and BQ208H Test Cone are designed for testing extra long fittings.

**BQ208H**



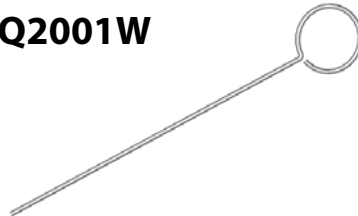
**System Aids**

**BQ23**



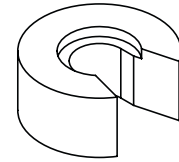
Fitting Test Spade

**BQ2001W**



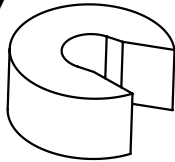
Constriction Gauge

**BQ1021A**



Rear Crimp Setting Tool

**BQ1027**



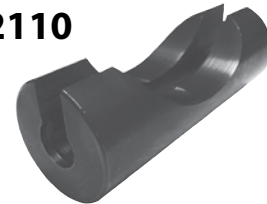
Rear Crimp Setting Tool for Braided Hose and BQ251-\* Inserts

**BQ2008**



Pro System Crimp Setting Tool

**BQ2110**



Crimp Setting Tool - LP

**BQ2010**



Countersink Drill Bit

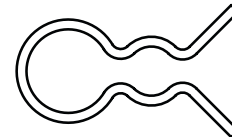
Special

**BQ37**



Econo System Crimp Setting Spade

**BQ1014**



Economy System Crimp Setting Clip

**BQ1020**



**Banjo Blocking-Off Tool**

A professional tool for blocking-off banjo fittings. Ideal for blocking off brake hoses with banjo fittings during maintenance & trouble shooting. Copper Washer sealing surfaces allows for sealing high pressures. Easy to use & reliable. Fits banjos holes 3/8" to 5/8". Use lubrication on O-Rings.

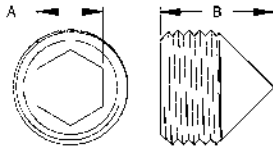
**Fitting Plugs**

The ideal fitting for blanking off high pressure fluid ports. Fitting design has a universal seat so no sealing compounds necessary.

**FEATURES:**

- Zinc plated for corrosion resistance
- Imperial & Metric Threads

Assortment kit available.  
To order see Part No.  
**BQ7012.**



PART NO.	DESCRIPTION	THREAD	A	B
BQ18	Plug	M10 x 1	5mm	10mm
BQ19	Plug	3/8" x 24NF	3/16"	10mm
BQ26	Plug	7/16" x 24NS	1/4"	11mm
BQ160	Cap	3/8" x 24NF	1/2"	15mm
BQ161	Cap	7/16" x 24NS	9/16"	15mm
BQ163	Cap	1/2" x 20NF	16mm	16mm
BQ164	Cap	M10 x 1	13mm	15mm
BQ165	Cap	M10 x 1.25	13mm	15mm
BQ166	Cap	M12 x 1	16mm	16mm
BQ167	Cap	M12 x 1.5	16mm	16mm

**BQ22A**



**Banjo Bending Bar for HFB fittings**  
Use in conjunction with BQ22B

**BQ22B**



**Banjo Holder**

**BQ22C**



**Banjo Bending Bar for LPB fittings**  
Use in conjunction with BQ22B

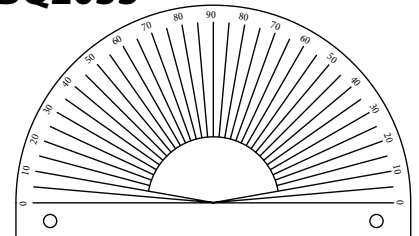
**BQ35**



**Calibration Tool**

Please call for instruction if Potentiometer is out of adjustment. For **BQ1005** series machine.

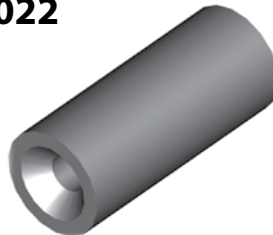
**BQ2033**



**Angle Gauge**

Can be bench mounted. Ideal for aligning tubes and fittings.

**BQ1022**



**Fitting Pressure Test Adaptor**

Ideal for pre-testing reworked fittings.



**BQ1150**  
**Grease Gun**

**BQ1415**  
**Grease Gun Adaptor**

This grease gun setup is designed for lubricating the **BQ1005** series machine.

**BQ3980**

**Lubricant and Test Fluid (1 gallon)**

Specially developed for use with the **BQ1005** series crimpers and the **BQ1013A** pressure tester.



**BQ2696-R3**

**Hose Assembly Lubricant**

If you want less effort when installing the fitting into the hose or sick of constriction problems - this is the answer for you.



# Identifying the Correct Thread

## THREAD FACTS

Worldwide there are only two measuring systems - Metric and Imperial. Sometimes the imperial measurement is called SAE or American.

Metric systems measure the thread by the distance between two thread pitches expressed in millimeters. Example: M10 x 1 = The OD of the thread is 10mm and the distance between each thread pitch is 1mm. Imperial systems measure the number of thread pitches over a one inch length.

Example: 7/16" x 24NS = The OD of the thread is 7/16" and the number of thread pitches over a one inch length is 24.

After some experience of looking at threads and knowing what vehicle the fitting came from, you will be able to determine fitting threads by just looking at them.

### Determining if the thread is Metric or Imperial

The easiest way is using a thread gauge. We offer a thread identification kit (**BQ2100**) for this purpose that covers the majority of threads you will encounter working with brake plumbing. Another method could be to use a brake hose fitting or tube nut from which you could confirm the thread and size.

#### 1. Determining the fitting OD

- a. If a male fitting - Measure the OD of the thread. Take into account that this measurement will be slightly under the nominal size.
- b. If a female fitting - Measure the ID of the thread. Compare this measurement at the distance between the "valleys" of opposing pitches with corresponding male fittings.

#### 2. Determining the thread pitch

- a. If it is an imperial size - Count the number of thread pitches over, say, 1/2" length and then multiply by 2 to get your T.P.I. (Threads Per Inch).

A GLOBAL GUIDE TO THREAD SELECTION	
European (excluding UK)	99% Metric
Asian	99% Metric
UK (1930 - 1976)	Imperial
UK (1976-2008)	Metric
USA (1930 - 1980)	Imperial
USA (1980 - 2008)	Metric & Imperial

- b. If it is a metric size - Measure the distance between two thread pitches to determine the thread pitch.

### Imperial threads found on braking systems

3/8" x 24NF	7/16" x 24NS	9/16" x 20NS
3/8" x 20BSF	1/2" x 20NF	
7/16" x 20NF	9/16" x 18NF	

### Metric threads found on braking systems

M9 x 1	M10 x 1.5	M12 x 1.25
M10 x 1	M11 x 1.25	M12 x 1.5
M10 x 1.25	M12 x 1	M14 x 1.5

### 80% of threads found on braking systems are:

3/8" x 24NF
7/16" x 24NS
M10 x 1

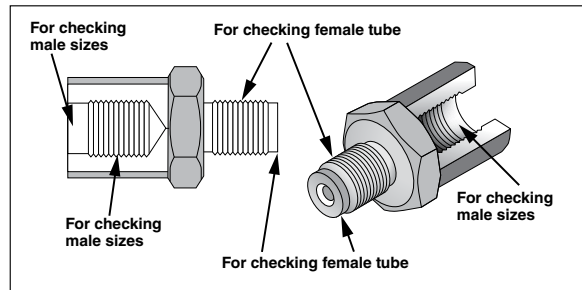
The two sizes most confused because they are so close in dimension are:

- a. 3/8" & 10mm. A 3/8" x 24NF thread will screw in to a M10x1 but a M10x1 will not start into a 3/8" thread. If uncertain, always go for the M10x1 to see if it will start in the thread.
- b. 7/16" & 11mm. The 11mm thread is extremely rare so always going for the 7/16" thread first is a safe bet.

#### NOTE

It is possible to have metric on one end and imperial on the other end of the hose.

The metric pitch is the same for all sizes, so if you don't have the exact one you want, you can determine this pitch by selecting a different size metric gauge.



#### ABBREVIATIONS

NF = National Fine
NS = National Special
BSF = British Standard Fine

#### TIPS ON USING THE BQ2100 THREAD GAUGE

Gauges are organized into popularity groups:  
 Blue = Most popular Metric threads  
 Red = Most popular Imperial threads  
 Gold = Less popular Metric threads  
 Green = Less popular Imperial threads

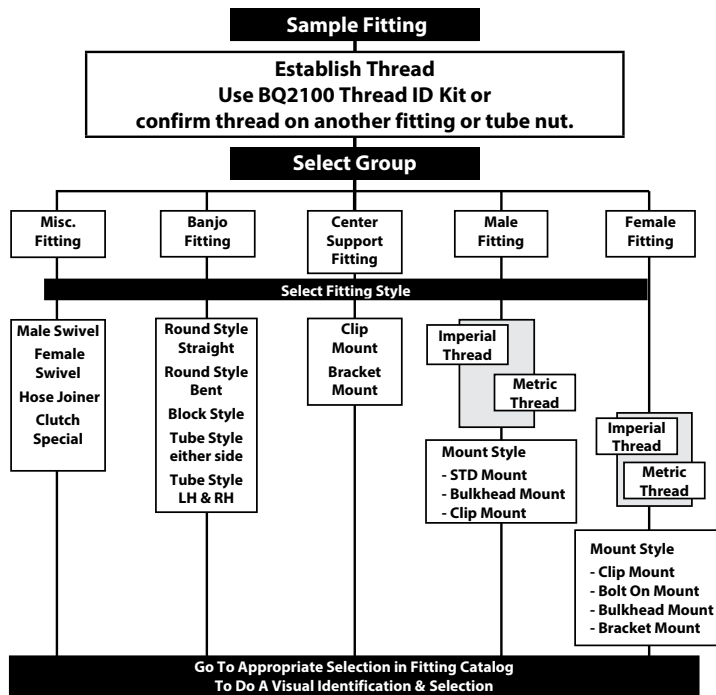
# Identify Fittings in 60 Seconds or Less

One of the biggest time wasters is time spent identifying the fittings. BrakeQuip has designed a system around the fitting catalog so that you can identify a fitting in seconds once you have identified the thread, if applicable. The first thing you need to do is understand the fitting numbering system.

For crimp style fittings, BrakeQuip has 9 different product groups and all start with **HF** (Hose Fitting). Usually if it is not a crimp fitting, the part number will start with **BQ** (BrakeQuip).

**Follow these steps for systemizing this quick find process:**

1. Decide which fitting group the fitting falls under.
2. Select the fitting style or the way it is mounted. Use the Fitting Catalog contents section at the front of the catalog until you get familiar with catalog.
3. This narrows your search down to a couple of pages or less. Identify what is unique about the fitting and focus on this point in the Catalog.
4. Confirm your selection by checking that all the important attributes match the fitting you are seeking.



Go To Appropriate Selection in Fitting Catalog To Do A Visual Identification & Selection

Note: To search electronically - go to [www.brakequip.com](http://www.brakequip.com) - products - brake hose fittings.

## Hose Fitting Numbering System

HF = Hose Fitting (These two letters are used for computer number finding only.)  
Fittings that don't fall into one of the categories below have the prefix HF only.

**NOTE:**  
Not all fittings look the same as the original but will still function properly. The three important points that you need to consider are:

- A. Can the fitting be secured properly? Is there a mount or shoulder profile that will clash?
- B. Will the working end at the connection match up and seal?
- C. Does the hose need something to direct it away from rubbing or heat?

**Understanding The Code**

ABBREVIATION	DESCRIPTION
<b>HF</b>	<b>Miscellaneous</b>
<b>IM</b>	<b>Imperial Male</b>
<b>MM</b>	<b>Metric Male</b>
<b>IF</b>	<b>Imperial Female</b>
<b>MF</b>	<b>Metric Female</b>
<b>B</b>	<b>Banjo</b>
<b>C</b>	<b>Center Support</b>
<b>IFX</b>	<b>Imperial Female external thread mount</b>
<b>MFX</b>	<b>Metric Female external thread mount</b>

NOTE: Imperial = American Standard

PREFIX	DESCRIPTION	EXAMPLE
<b>HF01 – HF__</b>	Hose Fittings of a Miscellaneous Nature	
<b>HFIM01 – HFIM__</b>	Male Fittings (Imperial Thread)	
<b>HFMM01 – HFMM__</b>	Male Fittings (Metric Thread)	
<b>HFIF01 – HFIF__</b>	Female Fittings (Imperial Thread)	
<b>HFMF01 – HFMF__</b>	Female Fittings (Metric Thread)	
<b>HFB01 – HFB__</b>	Banjo Fittings	
<b>HFC01 – HFC__</b>	Center Support Fittings	
<b>HFIFX01 – HFIFX__</b>	Female Imperial Thread (External Thread)	
<b>HFMFX01 – HFMFX__</b>	Female Metric Thread (External Thread)	
<b>BQ</b>	Any items that are not a crimpable hose fitting	

## EDUCATIONAL INFORMATION

# Equivalence Between Standard and LP Brake Fittings

PART#	STAINLESS	LP	LP STAINLESS	LP CHROME	LP 3-PIECE SYSTEM	DESCRIPTION
HF01		LP01-3	LP01-3SS			Lifesaver - 3/16"
HF06		LP06-7				Male Swivel Nut 7/16"x24NS (90°)
HF07	HF07SS					Male Swivel Nut 7/16"x24NS (45°)
HF09	HF09SS				LPS-T-JIC with BQ9151	Female Swivel Nut 3/8NF (Straight)
HF09W	HF09WSS	LP09W-6		LP09W-6C		Female Swivel Nut 3/8NF (Straight)
HF10		LP10W-6		LP10W-6C		Female Swivel Nut 3/8NF (45°)
HF11	HF11SS	LP11-6		LP11W-6C		Female Swivel Nut 3/8NF (90°)
HF12	HF12SS	LP12W-7		LP12W-7C	LPS-T-JIC with BQ9150	Female Swivel Nut 7/16NF (Straight)
HF13	HF13SS	LP13W-7		LP13W-7C		Female Swivel Nut 7/16NF (45°)
HF14	HF14SS	LP14W-7		LP14W-7C		Female Swivel Nut 7/16NF (90°)
HF15	HF15SS					Male Swivel Nut 7/16"x24NS
HF16	HF16SS	LP16-6	LP16-6SS	LP16-6C		Male Swivel Nut 3/8"x24NF
HF17	HF17SS	LP17-6	LP17-6SS	LP17-6C		Male Swivel Nut 3/8"x24NF (90°)
HF26		LP01-4				Lifesaver - 1/4"
HF27		LP01-5				Lifesaver - 5/16"
HF30	HF30SS					3/16" Compression
HF31	HF31SS					1/4" Compression
HF33		LP33-6	LP33-6SS	LP33-6C		Male Swivel Nut 3/8"x24NF (45°)
HF34		LP34-M10X1	LP34-M10X1SS			Male Swivel Nut M10x1
HF45SS		LP45-6		LP45-6C		Harley Davidson (Stainless)
HF82		LP82-M10X1				Male Swivel Nut M10x1 DIN Flare
HFB01		LPB01-10M	LPB01-10MSS	LPB01-10MC		Banjo 10 x 8mm
HFB09	HFB09SS	LPB09-10M	LPB09-10MSS	LPB09-10MC		Banjo 10 x 10mm
HFB12		LPB12-10M				Banjo 10 x 13mm
HFB34	HFB34SS					Banjo 10 x 8mm (Extra long Neck)
HFB47	HFB47SS	LPB47-12M				Banjo 12 x 10mm
HFB448		LPB448-7	LPB448-7SS	LPB448-7SS		Banjo 7/16" x 10mm
HFB493		LPB493-10M				Banjo 10 x 12.7mm
HFB494		LPB494-10M				Banjo 10 x 12.7mm
HFC01		LPC01				Center Support (Alt HFC13)
HFC05		LPC05				Center Support Honda
HFC06		LPC06				Center Support Toyota
HFC07		LPC07				Center Support Nissan (19mm Flats)
HFC09		LPC09				Center Support (Subaru)
HFC17		LPC17				Center Support (USA)
HFC301A		LPC301				Center Support
HFC331		LPC331				Center Support
HFIF01	HFIF01SS		LPIF01-6SS	LPIF01-6C	LPS-SI-SAE with LPIF01-6	Female 3/8" x 24NF (19mm Hex) (Alt HFIF36)
HFIM01		LPIM01-6				Male 3/8" x 24NF Short
HFIM02		LPIM02-6	LPIM02-6SS			Male 3/8" x 24NF Long
HFIM03	HFIM03SS	LPIM03-7				Male 7/16" x 20NF Short
HFIM13		LPIM13-7				Male 7/16" x 24NS Short
HFIM19	HFIM19SS	LPIM19				Male 1/8" x 27NPTF
HFIM28		LPIM28-6				Male 3/8" x 24NF (No. 3 JIC)
HFIM29		LPIM29-7				Male 7/16" x 20NF (No. 4 JIC)
HFMF01				LPMF01-M10X1C	LPS-SI-SAE with LPMF01-M10X1	Female M10 x 1 Std
HFMF02					LPS-LI-SAE with LPMF02-M10X1	Female M10 x 1 Toyota
HFMF04	HFMF04SS				LPS-SI-SAE with LPMF04	Female M10 x 1 (17mm Flats)
HFMF05					LPS-SD-DIN with LPMF05-M10X1	Female M10 x 1 European (DPS)
HFMF08					LPS-SD-DIN with LPMF08-M10X1	Female M10 x 1 (DPS)
HFMM01		LPMM01-M10X1				Male M10 x 1 (Toyota)
HFMM02		LPMM02-M10X1				Male M10 x 1 Long
HFMM03		LPMM03-M10X1				Male M10 x 1 European (14mm hex)
HFMM04		LPMM04-M10X125				Male M10 x 1.25
HFMM06	HFMM06SS	LPMM06-M10X1				Male M10 x 1 Short



# METRIC CONVERSION TABLE

FRACTION (IN.)	DECIMAL (IN.)	METRIC (MM)
1/32	0.031	0.79
1/16	0.063	1.59
3/32	0.094	2.38
1/8	0.125	3.17
5/32	0.156	3.97
3/16	0.188	4.76
7/32	0.219	5.56
1/4	0.25	6.35
9/32	0.281	7.14
5/16	0.313	7.94
11/32	0.344	8.73
3/8	0.375	9.52
13/32	0.406	10.32
7/16	0.438	11.11
15/32	0.469	11.91
1/2	0.5	12.70
17/32	0.531	13.49
9/16	0.563	14.29
19/32	0.594	15.08
5/8	0.625	15.88
21/32	0.656	16.67
11/16	0.688	17.46
23/32	0.719	18.26
3/4	0.75	19.05
25/32	0.781	19.84
13/16	0.813	20.64
27/32	0.844	21.43
7/8	0.875	22.22
29/32	0.906	23.02
15/16	0.938	23.81
31/32	0.969	24.61
1	1.0	25.40
1-1/32	1.031	26.19
1-1/16	1.063	26.99
1-3/32	1.094	27.78
1-1/8	1.125	28.57
1-5/32	1.156	29.37
1-3/16	1.188	30.16
1-7/32	1.219	30.96
1-1/4	1.25	31.75
1-9/32	1.281	32.54
1-5/16	1.313	33.34
1-11/32	1.344	34.13
1-3/8	1.375	34.93
1-13/32	1.406	35.72
1-7/16	1.438	36.51
1-15/32	1.469	37.31
1-1/2	1.5	38.10
1-17/32	1.531	38.89
1-9/16	1.563	39.69
1-19/32	1.594	40.48
1-5/8	1.625	41.28
1-21/32	1.656	42.07
1-11/16	1.688	42.86
1-23/32	1.719	43.66
1-3/4	1.75	44.45
1-25/32	1.781	45.24
1-13/16	1.813	46.04
1-27/32	1.844	46.83
1-7/8	1.875	47.62
1-29/32	1.906	48.42
1-15/16	1.938	49.21
1-31/32	1.969	50.01
2	2.0	50.80

FRACTION (IN.)	DECIMAL (IN.)	METRIC (MM)
2-1/32	2.031	51.59
2-1/16	2.063	52.39
2-3/32	2.094	53.18
2-1/8	2.125	53.98
2-5/32	2.156	54.77
2-3/16	2.188	55.56
2-7/32	2.219	56.36
2-1/4	2.25	57.15
2-9/32	2.281	57.94
2-5/16	2.313	58.74
2-11/32	2.344	59.53
2-3/8	2.375	60.32
2-13/32	2.406	61.12
2-7/16	2.438	61.91
2-15/32	2.469	62.71
2-1/2	2.5	63.50
2-17/32	2.531	64.29
2-9/16	2.563	65.09
2-19/32	2.594	65.88
2-5/8	2.625	66.68
2-21/32	2.656	67.47
2-11/16	2.688	68.26
2-23/32	2.719	69.06
2-3/4	2.75	69.85
2-25/32	2.781	70.64
2-13/16	2.813	71.44
2-27/32	2.844	72.23
2-7/8	2.875	73.03
2-29/32	2.906	73.82
2-15/16	2.938	74.61
2-31/32	2.969	75.41
3	3.0	76.20
3-1/32	3.031	76.99
3-1/16	3.063	77.79
3-3/32	3.094	78.58
3-1/8	3.125	79.38
3-5/32	3.156	80.17
3-3/16	3.188	80.96
3-7/32	3.219	81.76
3-1/4	3.25	82.55
3-9/32	3.281	83.34
3-5/16	3.313	84.14
3-11/32	3.344	84.93
3-3/8	3.375	85.73
3-13/32	3.406	86.52
3-7/16	3.438	87.31
3-15/32	3.469	88.11
3-1/2	3.5	88.90
3-17/32	3.531	89.69
3-9/16	3.563	90.49
3-19/32	3.594	91.28
3-5/8	3.625	92.08
3-21/32	3.656	92.87
3-11/16	3.688	93.66
3-23/32	3.719	94.46
3-3/4	3.75	95.25
3-25/32	3.781	96.04
3-13/16	3.813	96.84
3-27/32	3.844	97.63
3-7/8	3.875	98.43
3-29/32	3.906	99.22
3-15/16	3.938	100.01
3-31/32	3.969	100.81
4	4.0	101.60

FRACTION (IN.)	DECIMAL (IN.)	METRIC (MM)
4-1/32	4.031	102.39
4-1/16	4.063	103.19
4-3/32	4.094	103.98
4-1/8	4.125	104.77
4-5/32	4.156	105.57
4-3/16	4.188	106.36
4-7/32	4.219	107.16
4-1/4	4.25	107.95
4-9/32	4.281	108.74
4-5/16	4.313	109.54
4-11/32	4.344	110.33
4-3/8	4.375	111.12
4-13/32	4.406	111.92
4-7/16	4.438	112.71
4-15/32	4.469	113.51
4-1/2	4.5	114.30
4-17/32	4.531	115.09
4-9/16	4.563	115.89
4-19/32	4.594	116.68
4-5/8	4.625	117.47
4-21/32	4.656	118.27
4-11/16	4.688	119.06
4-23/32	4.719	119.86
4-3/4	4.75	120.65
4-25/32	4.781	121.44
4-13/16	4.813	122.24
4-27/32	4.844	123.03
4-7/8	4.875	123.82
4-29/32	4.906	124.62
4-15/16	4.938	125.41
4-31/32	4.969	126.21
5	5.0	127.00
5-1/32	5.031	127.79
5-1/16	5.063	128.59
5-3/32	5.094	129.38
5-1/8	5.125	130.17
5-5/32	5.156	130.97
5-3/16	5.188	131.76
5-7/32	5.219	132.56
5-1/4	5.25	133.35
5-9/32	5.281	134.14
5-5/16	5.313	134.94
5-11/32	5.344	135.73
5-3/8	5.375	136.52
5-13/32	5.406	137.32
5-7/16	5.438	138.11
5-15/32	5.469	138.91
5-1/2	5.5	139.70
5-17/32	5.531	140.49
5-9/16	5.563	141.29
5-19/32	5.594	142.08
5-5/8	5.625	142.88
5-21/32	5.656	143.67
5-11/16	5.688	144.46
5-23/32	5.719	145.26
5-3/4	5.75	146.05
5-25/32	5.781	146.84
5-13/16	5.813	147.64
5-27/32	5.844	148.43
5-7/8	5.875	149.22
5-29/32	5.906	150.02
5-15/16	5.938	150.81
5-31/32	5.969	151.61
6	6.0	152.40

# INDEX

PART#	PAGE#
BQ11	56
BQ12	56
BQ18	85
BQ19	85
BQ21	84
BQ22A	85
BQ22B	85
BQ22C	85
BQ23	84
BQ26	85
BQ35	85
BQ37	84
BQ65	70
BQ66	70
BQ67	70
BQ68	70
BQ69	70
BQ70	70
BQ71	42, 53, 56
BQ97	70
BQ98	70
BQ101	56
BQ103	56
BQ160	85
BQ161	85
BQ163	85
BQ164	85
BQ165	85
BQ166	85
BQ167	85
BQ170	80
BQ177SS	78
BQ200	56
BQ201	56
BQ202	56
BQ203	68
BQ206	84
BQ206H	84
BQ206HS	84
BQ206S	84
BQ207	84
BQ207H	84
BQ208	84
BQ208H	84
BQ210	68
BQ211	68
BQ212	69
BQ213	69
BQ215	69
BQ216	69
BQ217	69
BQ218	69
BQ226	80, 81, 83
BQ227	80, 81, 83
BQ228	80
BQ233	69

PART#	PAGE#
BQ234	69
BQ251-BK	71
BQ251-BL	71
BQ251-GD	71
BQ251-GR	71
BQ251-PP	71
BQ251-RD	71
BQ251-SV	71
BQ255	72
BQ272	69
BQ273	69
BQ274	69
BQ275	69
BQ276	69
BQ277	69
BQ288	72
BQ289	72
BQ294	72
BQ296	56
BQ301	71
BQ302BK	71
BQ303	71
BQ303BK	71
BQ303BL	71
BQ303RD	71
BQ310	71
BQ311	71
BQ312-BK	56
BQ312-GY	56
BQ330 (see PS330)	80
BQ331 (see PS331)	80
BQ611	71
BQ611C	71
BQ801	80, 83
BQ1014	84
BQ1020	86
BQ1021A	84
BQ1022	85
BQ1026	80
BQ1027	84
BQ1150	85
BQ1415	85
BQ2001W	84
BQ2008	84
BQ2010	84
BQ2033	85
BQ2091	80
BQ2100	86, 87
BQ2101B	56
BQ2103	56
BQ2104	71
BQ2110	84
BQ2696-R3	85
BQ3980	85
BQ7003	80
BQ7012	87

PART#	PAGE#
BQ9150	79
BQ9151	79
BQB01	61
BQB04	61
BQB05	61
BQB06	68
BQB07	61
BQB08	65
BQB09	65
BQB10	61
BQB11	61
BQB12	65
BQB14	61
BQB15	61
BQB16	65
BQB17	65
BQB18	65
BQB19	65
BQB20	61
BQB21	65
BQB22	65
BQB23	65
BQB24	61
BQB25	61
BQB26	61
BQB27	62
BQB29	62
BQB30	62
BQB31	65
BQB32	65
BQB34	65
BQB35	65
BQB36	65
BQB37	66
BQB38	66
BQB39	62
BQB40	62
BQB41	62
BQB42	62
BQB48	66
BQB50	62
BQB51	66
BQB52	66
BQB64	62
BQB65	62
BQB69	66
BQB70	66
BQB71	66
BQB72	66
BQB73	66
BQB74	66
BQB75	62
BQB78	66
BQB81	66
BQB83	62
BQB85	66

PART#	PAGE#
BQB86	62
BQB87	62
BQB88	62
BQB89	63
BQB90	63
BQB91	63
BQB92	66
BQB93	67
BQB94	63
BQB98	67
BQB100	67
BQB101	67
BQB105	63
BQB109	67
BQB110	67
BQB111	63
BQB112	63
BQB115	63
BQB118	63
BQB120	63
BQB141	67
BQB151	63
BQB152	63
BQB160	63
BQB162	67
BQB163	67
BQB166	63
BQB168	67
BQB169	67
BQB171	63
BQB172	67
BQB174	67
BQB185	64
BQB186	64
BQB195	67
BQB221	67
BQB222	68
BQB223	68
BQB224	68
BQB225	68
BQB244	68
BQB312	64
BQB313	64
BQB315	64
BQB316	64
BQB317	64
BQB318	64
BQB319	64
BQB415	64
HF01	10
HF01SS	10
HF02	10
HF03	10
HF04	4
HF05	10
HF06	4

# INDEX

PART#	PAGE#
HF07	4
HF07SS	4
HF08	6
HF09	7
HF09SS	7
HF09W	7
HF09WSS	7
HF10	7
HF11	7
HF11SS	7
HF12	7
HF12SS	7
HF13	7
HF13SS	7
HF14	7
HF14SS	7
HF15	5
HF15SS	5
HF16	4
HF16B	4
HF16SS	4
HF17	4
HF17SS	4
HF18	5
HF26	10
HF27	10
HF28	5
HF29	5
HF30	9
HF30SS	9
HF31	9
HF31SS	9
HF33	4
HF34	6
HF35	9
HF37	8
HF38	8
HF39	5
HF43SS	4
HF45SS	4
HF54	4
HF61	7
HF62	9
HF63	4
HF71	8
HF72	8
HF73	8
HF74	8
HF77	6
HF80	6
HF81	4
HF82	6
HF83	9
HF84	4
HF92	5
HF93	5

PART#	PAGE#
HF94	5
HF98	5
HF99	6
HF100	5
HF101	5
HF102	7
HF111	8
HF114	9
HF115	6
HF116	6
HF117	6
HF119	5
HF120	10
HF125	9
HF137	6
HF139	10
HF142	5
HF145	5
HF150	4
HF155SS	10
HF300	8
HF310	6
HF311	6
HF313	8
HF314	8
HF403	6
HF404	7
HFB01	11
HFB02	11
HFB03	11
HFB05	11
HFB07	18
HFB08	18
HFB09	11
HFB09SS	11
HFB10	13
HFB11	18
HFB12	18
HFB13	18
HFB14	18
HFB15	11
HFB16	18
HFB17	21
HFB19	11
HFB21	21
HFB22	22
HFB23	22
HFB27	11
HFB28	11
HFB29	13
HFB32	13
HFB33	13
HFB34	11
HFB34SS	11
HFB35	11
HFB36	11

PART#	PAGE#
HFB37	11
HFB38	19
HFB40	18
HFB41	17
HFB45	18
HFB46	18
HFB47	11
HFB47SS	11
HFB48	17
HFB49	18
HFB50	11
HFB51	21
HFB53	18
HFB54	17
HFB55	17
HFB56	18
HFB58	20
HFB59	17
HFB60	17
HFB61	20
HFB66	17
HFB67	16
HFB68	23
HFB69	23
HFB72	17
HFB73	12
HFB75	13
HFB77	23
HFB78	27
HFB79	27
HFB80	20
HFB81	18
HFB84	17
HFB85	18
HFB86	28
HFB87	28
HFB90	20
HFB91	19
HFB92	13
HFB93	13
HFB94	27
HFB95	27
HFB98	20
HFB100	19
HFB101	19
HFB105	13
HFB106	13
HFB107	28
HFB108	28
HFB111	12
HFB112	17
HFB113	28
HFB114	28
HFB115	23
HFB116	23
HFB118	28

PART#	PAGE#
HFB119	28
HFB120	28
HFB121	28
HFB122	28
HFB123	27
HFB124	27
HFB125	23
HFB126	23
HFB127	23
HFB128	23
HFB130	23
HFB131	23
HFB132	23
HFB133	19
HFB134	19
HFB135	23
HFB136	23
HFB140	23
HFB141	24
HFB142	28
HFB143	28
HFB144	19
HFB145	19
HFB146	19
HFB150	13
HFB155	24
HFB156	24
HFB157	13
HFB158	14
HFB159	14
HFB161	21
HFB165	17
HFB166	17
HFB173	21
HFB174	24
HFB175	24
HFB176	27
HFB180	21
HFB182	20
HFB183	28
HFB184	28
HFB187	19
HFB188	20
HFB189	27
HFB190	27
HFB193	20
HFB194	12
HFB202	27
HFB203	20
HFB209	24
HFB210	24
HFB214	24
HFB215	24
HFB216	29
HFB217	24
HFB218	24

# INDEX

PART#	PAGE#
HFB221	24
HFB222	24
HFB230	16
HFB231	16
HFB236	21
HFB237	27
HFB238	27
HFB239	29
HFB240	29
HFB241	29
HFB242	29
HFB243	16
HFB245	29
HFB246	29
HFB247	29
HFB248	29
HFB249	29
HFB250	29
HFB251	21
HFB256	21
HFB259	29
HFB260	29
HFB267	21
HFB270	24
HFB273	20
HFB276	20
HFB277	24
HFB278	25
HFB283	16
HFB284	29
HFB285	29
HFB286	19
HFB288	12
HFB299	20
HFB300	19
HFB306	25
HFB307	25
HFB309	21
HFB310	21
HFB312	19
HFB315	25
HFB316	25
HFB317	25
HFB318	25
HFB321	25
HFB322	25
HFB323	25
HFB324	25
HFB328	30
HFB329	30
HFB332	30
HFB340	14
HFB342	14
HFB343	14
HFB344	12
HFB345	14

PART#	PAGE#
HFB346	14
HFB348	14
HFB349	14
HFB351	12
HFB352	12
HFB353	14
HFB354	14
HFB357	14
HFB358	14
HFB359	14
HFB361	14
HFB362	15
HFB363	15
HFB364	15
HFB366	15
HFB367	30
HFB369	30
HFB370	30
HFB372	15
HFB373	15
HFB375	12
HFB376	30
HFB377	30
HFB379	22
HFB380	25
HFB381	25
HFB384	16
HFB386	25
HFB387	25
HFB389	15
HFB390	15
HFB397	21
HFB403	19
HFB405	21
HFB410	30
HFB411	30
HFB418	26
HFB419	26
HFB430	26
HFB431	26
HFB448	12
HFB450	30
HFB451	30
HFB456	15
HFB457	15
HFB474	30
HFB475	30
HFB493	30
HFB494	31
HFB497	27
HFB498	27
HFB519	15
HFB520	15
HFB521	12
HFB522	12
HFB523	12

PART#	PAGE#
HFB524	12
HFB525	31
HFB526	31
HFB527	12
HFB528	12
HFB529	13
HFB530	15
HFB531	15
HFB532	15
HFB533	13
HFB534	16
HFB535	16
HFB536	16
HFB537	16
HFB538	16
HFB539	16
HFB540	16
HFB541	16
HFB542	16
HFB544	31
HFB545	31
HFB546	31
HFB547	31
HFB548	31
HFB549	31
HFB550	31
HFB551	31
HFB552	31
HFB555	31
HFB556	31
HFB557	21
HFB558	31
HFB559	32
HFB560	32
HFB561	32
HFB564	22
HFC01	57
HFC02	57
HFC04	58
HFC05	58
HFC06	57
HFC07	57
HFC09	57
HFC10	57
HFC11	57
HFC12	57
HFC13	57
HFC14	58
HFC15	57
HFC17	57
HFC18	58
HFC19	58
HFC301A	57
HFC307	57
HFC315	57
HFC316	58

PART#	PAGE#
HFC317	58
HFC318	58
HFC319	58
HFC320	58
HFC321	58
HFC322	58
HFC323	59
HFC324	59
HFC325	59
HFC326	59
HFC327	57
HFC328	59
HFC329	59
HFC331	58
HFC338	59
HFC339	59
HFC340	59
HFC341	59
HFC342	59
HFC343	59
HFC344	59
HFC345	59
HFC346	59
HFC347	60
HFC348	60
HFC350	60
HFC351	60
HFC352	60
HFC353	60
HFC354	60
HFC355	60
HFC356	60
HFC357	60
HFC358	60
HFC359	60
HFC360	60
HFC361	60
HFC362	60
HFC363	61
HFC364	61
HFIF01	33
HFIF01B	33
HFIF01SS	33
HFIF02	35
HFIF03	40
HFIF05	33
HFIF06	40
HFIF07	33
HFIF08	33
HFIF09	35
HFIF10	33
HFIF11	33
HFIF14	33
HFIF15	40
HFIF18	33
HFIF19	33

# INDEX

PART#	PAGE#
HFIF20	35
HFIF21	33
HFIF22	40
HFIF23	37
HFIF24	35
HFIF25	37
HFIF26	33
HFIF27	37
HFIF28	37
HFIF29	33
HFIF30	33
HFIF31	37
HFIF32	33
HFIF33	35
HFIF34	37
HFIF35	35
HFIF36	34
HFIF37	37
HFIF38	34
HFIF39	37
HFIF40	34
HFIF41	40
HFIF42	41
HFIF43	37
HFIF44	41
HFIF45	34
HFIF46	37
HFIF47	37
HFIF48	37
HFIF51	35
HFIF52	41
HFIF53	37
HFIF54	37
HFIF55	37
HFIF56	38
HFIF57	38
HFIF58	38
HFIF60	41
HFIF60A	41
HFIF63	36
HFIF64	34
HFIF65	34
HFIF66	38
HFIF70	41
HFIF71	34
HFIF72	34
HFIF73	36
HFIF74	34
HFIF76	34
HFIF77	38
HFIF79	36
HFIF80	38
HFIF83	34
HFIF87	34
HFIF88	38
HFIF90	41

PART#	PAGE#
HFIF94	38
HFIF99	41
HFIF103	34
HFIF106	34
HFIF109	41
HFIF110	38
HFIF111	38
HFIF116	36
HFIF120	41
HFIF127	41
HFIF128	41
HFIF129	38
HFIF138	41
HFIF140	34
HFIF141	36
HFIF142	36
HFIF143	35
HFIF146	41
HFIF147	41
HFIF148	42
HFIF149	42
HFIF152	42
HFIF153	42
HFIF157	38
HFIF172	35
HFIF301	35
HFIF304	42
HFIFX01	39
HFIFX02	39
HFIFX03	39
HFIFX04	39
HFIFX05	39
HFIFX06	39
HFIFX07	39
HFIFX08	39
HFIFX09	39
HFIFX10	39
HFIFX11	39
HFIFX12	39
HFIFX14	39
HFIFX15	39
HFIFX16	39
HFIFX18	40
HFIFX19	40
HFIFX20	40
HFIFX21	40
HFIFX22	40
HFIFX23	40
HFIFX28	40
HFIM01	43
HFIM01B	43
HFIM02	45
HFIM03	43
HFIM03SS	43
HFIM04	43
HFIM05	45

PART#	PAGE#
HFIM06	45
HFIM07	45
HFIM08	43
HFIM09	43
HFIM10	43
HFIM11	43
HFIM12	45
HFIM13	43
HFIM14	43
HFIM15	43
HFIM16	43
HFIM17	45
HFIM18	43
HFIM19	43
HFIM19SS	43
HFIM21	43
HFIM22	45
HFIM24	44
HFIM25	44
HFIM26	44
HFIM27	44
HFIM28	44
HFIM29	44
HFIM30	44
HFIM32	44
HFIM35	44
HFIM36	44
HFMF01	46
HFMF02	46
HFMF03	48
HFMF04	46
HFMF04SS	46
HFMF05	48
HFMF06	46
HFMF07	46
HFMF08	48
HFMF09	46
HFMF10	46
HFMF11	46
HFMF12	46
HFMF14	46
HFMF15	46
HFMF16	46
HFMF18	51
HFMF19	46
HFMF20	46
HFMF21	48
HFMF22	52
HFMF24	48
HFMF25	46
HFMF26	47
HFMF27	52
HFMF28	47
HFMF29	47
HFMF31	47
HFMF35	48

PART#	PAGE#
HFMF38	48
HFMF39	48
HFMF40	52
HFMF41	52
HFMF42	47
HFMF43	47
HFMF47	48
HFMF48	51
HFMF50	51
HFMF51	48
HFMF54	48
HFMF55	48
HFMF57	48
HFMF58	48
HFMF59	48
HFMF62	49
HFMF63	49
HFMF65	49
HFMF66	47
HFMF67	49
HFMF68	47
HFMF69	51
HFMF70	52
HFMF71	49
HFMF73	49
HFMF74	49
HFMF79	51
HFMF90	52
HFMF91	47
HFMF92	47
HFMF93	47
HFMF96	49
HFMF99	49
HFMF100	49
HFMF122	47
HFMF124	49
HFMF191	49
HFMF307	47
HFMF308	47
HFMF311	52
HFMF313	52
HFMF315	49
HFMF317	52
HFMF318	52
HFMF319	52
HFMF320	52
HFMF324	52
HFMF325	52
HFMF326	53
HFMF327	49
HFMF328	51
HFMF329	49
HFMF340	50
HFMF342	53
HFMF343	53
HFMF360	50



# INDEX

PART#	PAGE#
HFMF363	50
HFMF364	53
HFMF365	53
HFMF366	47
HFMF367	50
HFMF368	50
HFMF369	50
HFMF370	50
HFMF371	53
HFMF372	50
HFMF373	52
HFMF374	50
HFMF375	50
HFMF377	53
HFMF378	53
HFMF380	53
HFMF381	50
HFMF382	50
HFMF383	50
HFMF384	50
HFMF385	50
HFMF386	51
HFMFX01	51
HFMFX02	51
HFMFX04	51
HFMFX04-M16	51
HFMFX10	51
HFMM01	54
HFMM02	54
HFMM03	54
HFMM04	54
HFMM05	54
HFMM06	54
HFMM06SS	54
HFMM08	54
HFMM09	54
HFMM10	54
HFMM11	55
HFMM12	55
HFMM13	54
HFMM17	54
HFMM18	55
HFMM20	55
HFMM21	55
HFMM22	54
HFMM23	54
HFMM24	54
HFMM25	54
HFMM302	55
HFMM303	55
LP01-3	73
LP01-4	73
LP01-5	73
LP02	73
LP03	73
LP06-7	73

PART#	PAGE#
LP09W-6	73
LP09W-6C	73
LP10W-6	73
LP10W-6C	73
LP11-6	73
LP11W-6	73
LP11W-6C	73
LP12W-7	73
LP12W-7C	73
LP13W-7	74
LP13W-7C	74
LP14W-7	74
LP14W-7C	74
LP16-6	74
LP16-6C	74
LP16-6SS	74
LP17-6	74
LP17-6C	74
LP17-6SS	74
LP33-6	74
LP33-6C	74
LP33-6SS	74
LP34-M10X1	74
LP34-M10X1SS	74
LP45-6	74
LP45-6C	74
LP46-6	74
LP46-6C	74
LP82-M10X1	74
LP121	73
LP121SS	73
LP124	78
LP124SS	78
LP125	74
LP126	74
LP127	74
LP128W	74
LP145-M10X125	74
LPB01-10M	75
LPB01-10MABK	75
LPB01-10MABL	75
LPB01-10MARD	75
LPB01-10MC	75
LPB01-10MSS	75
LPB01-45-10M	75
LPB01-75-10M	75
LPB01-90-10M	75
LPB09-10M	75
LPB09-10MC	75
LPB09-10MSS	75
LPB09-45-10M	75
LPB09-75-10M	75
LPB09-90-10M	75
LPB09SW-10M	75
LPB12-10M	75
LPB14	75

PART#	PAGE#
LPB47-12M	75
LPB171-10M	75
LPB171-10MC	75
LPB178-7	75
LPB178-7C	75
LPB448-7	75
LPB448-7C	75
LPB448-7SS	75
LPB455-10M	76
LPB493-10M	76
LPB494-10M	76
LPC01	72
LPC05	72
LPC06	72
LPC07	72
LPC09	72
LPC12	72
LPC17	72
LPC301	72
LPC331	72
LPIF01-6	76
LPIF01-6C	76
LPIF01-6SS	76
LPIF02-7	76
LPIF05	76
LPIF10	76
LPIF126-6	76
LPIF126-6C	76
LPIFX01	76
LPIM01-6	76
LPIM02-6	76
LPIM02-6SS	76
LPIM03-7	76
LPIM13-7	76
LPIM19	76
LPIM28-6	76
LPIM29-7	77
LPMF01-M10X1	77
LPMF01-M10X1C	77
LPMF01-M10X1SS	77
LPMF02-M10X1	77
LPMF04	77
LPMF05-M10X1	77
LPMF08-M10X1	77
LPMF09-M10X125	77
LPMF10	77
LPMF11	77
LPMF14	77
LPMF15	77
LPMF16	77
LPMF20	77
LPMF24	78
LPMF28	78
LPMF48	78
LPMF322-M10X1	78
LPMM01-M10X1	78

PART#	PAGE#
LPMM02-M10X1	78
LPMM03-M10X1	78
LPMM04-M10X125	78
LPMM06-M10X1	78
LPS-LI-SAE	79
LPS-SD-DIN	79
LPS-SD-JIC	79
LPS-SD-SAE	79
LPS-SI-JIC	79
LPS-SI-SAE	79
LPS-T-DIN	79
LPS-T-JIC	79
LPS-T-SAE	79
PS330	80
PS331	80
PSHF100	81
PSHF101	81, 83
PSHF102	81, 83
PSHF103	81, 83
PSHF104	81, 83
PSHF105	81, 83
PSHF106	81, 83
PSHF107	81
PSHF108	81
PSHF109	81
PSHF111	81
PSHF112	81
PSHF114	81
PSHF115	81
PSHF116	81
PSHF117	82
PSHF118	82
PSHF119	82
PSHF120	82
PSHF121	82
PSHF122	82
PSHF123	82
PSHF124	82
PSHF125	82
PSHF126	82
PSHF133	82
PSHFB130	82
PSHFB132	82
PSHFMM131	82

Brochures and Catalogs



**BQM207**  
Hoses Made to Order  
Flyer



**BQM214**  
Braided Stainless  
Flyer



**BQM282**  
EziBend  
Information Booklet



**BQF-CAT**  
Dealer  
Fitting Catalog



**BQAP-CAT**  
Automotive  
Plumbing Catalog

Banners and Posters



**BQM411**  
Shop Banner — 60" x 42" vinyl



**BQM826**  
Educational Poster

Miscellaneous



Toolbox Decal  
**BQ302S** — Small — 4.75" x 1.5"  
**BQ302M** — Medium — 8" x 2.75"



**BQM301** Authorized Dealer Decal — 10.5" x 3.3"  
**BQM401** Authorized Dealer Banner — 48" x 18" vinyl  
**BQM402** Large Authorized Dealer Banner — 96" x 36" vinyl



**BQM521**  
Hose Display Stand  
For both Rubber & Braided Hose

**BQM601**  
BrakeQuip cap

# ***Innovative Solutions for Automotive Tubes and Hoses***

Corporate (US) 865.251.9193  
sales@brakequip.com  
Europe eu\_sales@brakequip.com  
Rest of World row\_sales@brakequip.com

**BrakeQuip**<sup>®</sup>  
////// INNOVATIVE SOLUTIONS FOR AUTOMOTIVE TUBES AND HOSES  
Since 1998 [brakequip.com](http://brakequip.com)