

# Brake Quip<sup>®</sup>

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

## Dealer Catalog

BQF-11

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

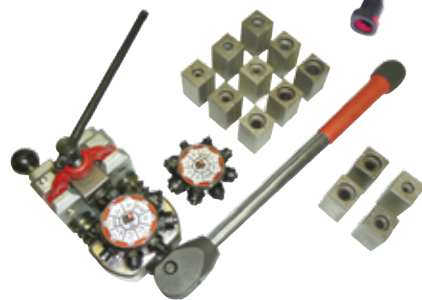
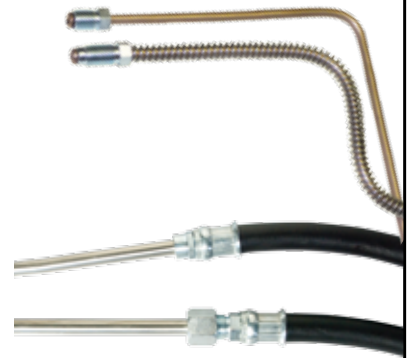
Repair or replace fuel lines for virtually all vehicles in minutes. No special tools required.

### 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.



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## New Part Numbers

Many of these fittings are quite new. Others have been around for a while but were introduced after publication of the previous version of the Dealer Catalog (version 10.1).

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BQB317	Bracket - Fitting (Land Rover)	67
BQB318	Bracket - Fitting (Land Rover)	67
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HF93	Fitting - Male Swivel Nut 1/2 x 20NF	5
HF137	Fitting - Male Swivel Nut M12 x 1 (90°)	6
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
HFB165	Fitting - Banjo 7/16 x 9/16"	18
HFB166	Fitting - Banjo 7/16 x 9/16"	18
HFB312	Fitting - Banjo 12 x 8mm	20
HFB497	Fitting - Banjo 11 x 14.8mm ("72 - '76 Ford Thunderbird)	28
HFB498	Fitting - Banjo 11 x 14.8mm ("72 - '76 Ford Thunderbird)	28
HFB528	Fitting - Banjo 10 x 10mm (Hyundai Sonata)	13
HFB541	Fitting - Banjo 10 x 10mm (Mazda 2)	16
HFB542	Fitting - Banjo 10 x 10mm (Mazda 2)	16
HFB543	Fitting - Banjo 10 x 10mm (Hyundai Accent/ I20)	32
HFB544	Fitting - Banjo 10 x 10mm (Hyundai Accent/ I20)	32
HFB545	Fitting - Banjo 10 x 10mm (Hyundai Accent/ I20)	32
HFB546	Fitting - Banjo 10 x 10mm (Hyundai Accent/ I20)	32
HFB547	Fitting - Banjo 10 x 10mm (Hyundai ix35/Kia Sportage)	32
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HFB555	Fitting - Banjo 10 x 10mm (Hyundai Veloster)	33
HFB556	Fitting - Banjo 10 x 10mm (Hyundai Veloster)	33
HFB557	Fitting - Banjo 10 x 10mm (Hyundai Sonata)	23
HFB558	Fitting - Banjo 10 x 10mm (Hyundai Veloster/Elantra)	33
HFB559	Fitting - Banjo 10 x 10mm (Hyundai Veloster/Elantra)	33
HFB560	Fitting - Banjo 10 x 10mm (Chevy Colorado)	33
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HFC351	Fitting - Center Support Hyundai	63
HFC352	Fitting - Center Support Hyundai	63

PART#	DESCRIPTION	PAGE#
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HFC354	Fitting - Center Support Hyundai	63
HFC355	Fitting - Center Support Hyundai	63
HFC356	Fitting - Center Support Hyundai	63
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HFC363	Fitting - Center Support Chevy	63
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HFIF172	Fitting - Female 7/16" x 20NF	36
HFIM30	Fitting - Male 1/2" x 20NF Special	45
HFIM35	Fitting - Male 3/8" x 24NF	45
HFIM36	Fitting - Male 3/8" x 24NF	45
HFMF122	Fitting - Female M14 x 1.5	48
HFMF191	Fitting - Female M12 x 1 (DPS) (same as HFMF91 except seat)	50
HFMF360	Fitting - Female M12 x 1 (DPS)	51
HFMF377	Fitting - Female M10 x 1 (DPS) (Hyundai)	55
HFMF378	Fitting - Female M10 x 1 (DPS) (Hyundai)	55
HFMF379	Fitting - Female M10 x 1 (DPS) (Hyundai)	55
HFMF380	Fitting - Female M10 x 1 (DPS) (Hyundai)	55
HFMF381	Fitting - Female M10 x 1 (DPS) (Hyundai)	51
HFMF382	Fitting - Female M10 x 1 (DPS) (Hyundai)	51
HFMF383	Fitting - Female M10 x 1 (DPS) (Hyundai)	52
HFMF384	Fitting - Female M10 x 1 (DPS) (Hyundai)	52
HFMF385	Fitting - Female M10 x 1 (DPS) (Hyundai)	52
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LP01-5	Fitting - Lifesaver 8mm	76
LP1245S	Crimp Tee with Mount - LP Stainless	80
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LPC331	Fitting - Center Support	75
LPIM02-6SS	Fitting - Male 3/8" x 24NF Stainless	79
PSHF112	Fitting - Power Steering 5/16" (and 8mm) Compression	83
PSHF133	Fitting - Power Steering Universal 10mm x 500mm	84
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## Educational Topics

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## 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 78. 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	80
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
HFB09SS	Fitting - Banjo 10 x 10mm	11
HFB34SS	Fitting - Banjo 10 x 8mm (Extra long Neck)	11
HFB37SS	Fitting - Banjo 10 x 10mm (Extra long Neck)	11
HFB47SS	Fitting - Banjo 12 x 10mm	11
HFIF01SS	Fitting - Female 3/8" x 24NF	34
HFIF02SS	Fitting - Female 7/16" x 24NS (Alt HFIF24)	37
HFIM03SS	Fitting - Male 7/16" x 20NF Short	44
HFIM19SS	Fitting - Male 1/8" x 27NPTF	44
HFMF04SS	Fitting - Female M10 x 1 (17mm Flats)	47
HFMM06SS	Fitting - Male M10 x 1 Short	56
LP16-6SS	Fitting - Male Swivel Nut 3/8"x24NF	77
LP17-6SS	Fitting - Male Swivel Nut 3/8"x24NF - 90°	77
LP33-6SS	Fitting - Male Swivel Nut 3/8"x24NF - 45°	77
LP121SS	Crimp Shell - LP - Stainless	76
LP124SS	Crimp Tee - LP - Stainless	80
LPB01-10MSS	Fitting - Banjo 10 x 8mm	78
LPB09-10MSS	Fitting - Banjo 10 x 10mm	78
LPB448-7SS	Fitting - Banjo 7/16" x 10mm	78
LPIF01-6SS	Fitting - Female 3/8" x 24NF	79
LPIM02-6SS	Fitting - Male 3/8" x 24NF	79
LPMF01-M10X1SS	Fitting - Female M10 x 1	80

### Chrome Fittings

PART#	DESCRIPTION	PAGE#
LP09W-6C	Female Swivel Nut 3/8NF	76
LP10W-6C	Female Swivel Nut 3/8NF - 45°	76
LP11W-6C	Female Swivel Nut 3/8NF - 90°	77
LP12W-7C	Female Swivel Nut 7/16" x 20NF	77
LP13W-7C	Female Swivel Nut 7/16" x 20NF - 45°	77
LP14W-7C	Female Swivel Nut 7/16" x 20NF - 90°	77
LP16-6C	Male Swivel Nut 3/8"x24NF	77
LP17-6C	Male Swivel Nut 3/8"x24NF - 90°	77
LP33-6C	Male Swivel Nut 3/8"x24NF - 45°	77
LP45-6C	Male Swivel Nut 3/8NF - 35°	77
LP46-6C	Male Swivel Nut 3/8NF - 90°	77
LPB01-10MC	Banjo 10 x 8mm	78
LPB09-10MC	Banjo 10 x 10mm	78
LPB171-10MC	Banjo 10 x 8.5mm - 40°	78
LPB178-7C	Banjo 7/16" x 8.5mm - 40°	78
LPB448-7C	Banjo 7/16 x 10mm	78
LPIF01-6C	Female 3/8" x 24NF	79
LPIF126-6C	Female 3/8" x 24NF	79
LPMF01-M10X1C	Female M10 x 1	80

### Anodized Aluminum Fittings

PART#	DESCRIPTION	PAGE#
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LPB01-10MABL	Fitting - Banjo 10 x 8mm - Blue	78
LPB01-10MABK	Fitting - Banjo 10 x 8mm - Black	78

### Anodized Crimp Shell Inserts

PART#	DESCRIPTION	PAGE#
BQ251-SV	Braided Hose Insert - Silver	74
BQ251-RD	Braided Hose Insert - Red	74
BQ251-PP	Braided Hose Insert - Purple	74
BQ251-GR	Braided Hose Insert - Green	74
BQ251-GD	Braided Hose Insert - Gold	74
BQ251-BL	Braided Hose Insert - Blue	74
BQ251-BK	Braided Hose Insert - Black	74

## 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.

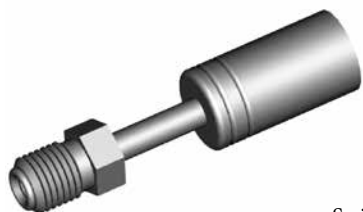
BrakeQuip will consider requests for modifications to catalog fittings — changes to threads, seats, hex sizes, tube forms, and so on — again, subject to reasonable minimum order quantities. No changes to the crimp shell or crimp shell stem will be considered. Send special order inquiries to [sales@brakequip.com](mailto:sales@brakequip.com).

## 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

**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

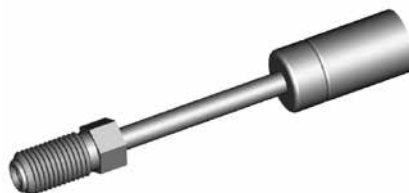
**HF54**



Swivel

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

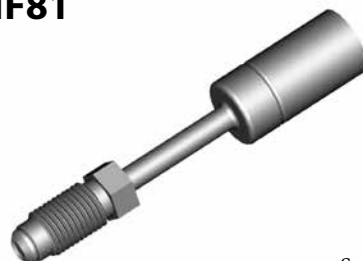
**HF63**



Swivel

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

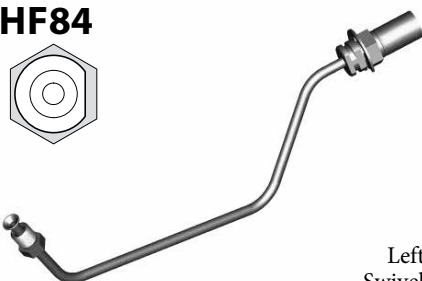
**HF81**



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

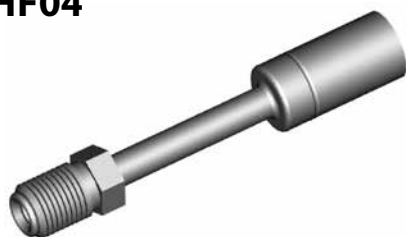
**HF150**



Swivel

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

**HF04**



Swivel

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

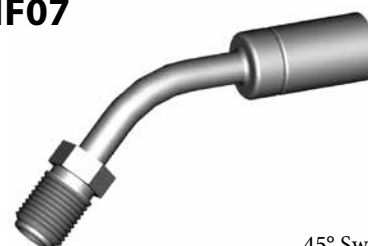
**HF06**



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

3/8" x 24NF

7/16" x 24NS

A = Asian

EU = European

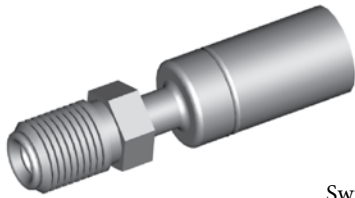
US = United States

UNI = Universal

V = Various

# GENERAL FITTINGS – MALE SWIVEL

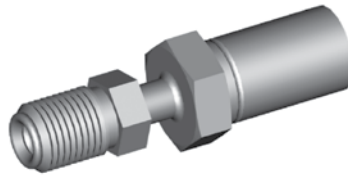
**HF15**



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

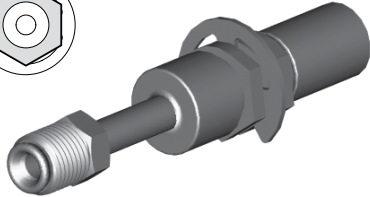
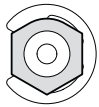
**HF94**



60° Swivel

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

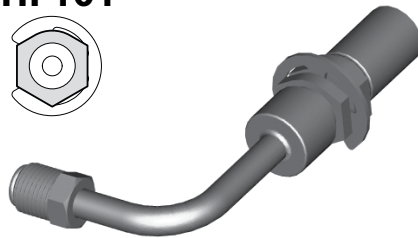
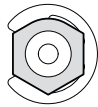
**HF100**



Swivel

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

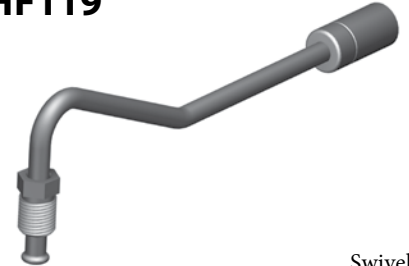
**HF101**



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

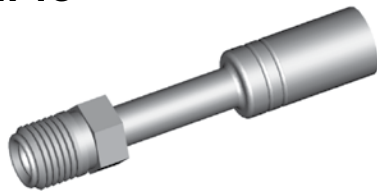
**HF145**



70° Swivel

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

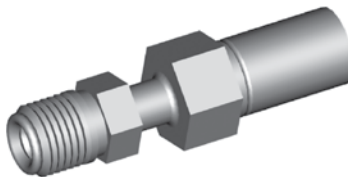
**HF18**



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

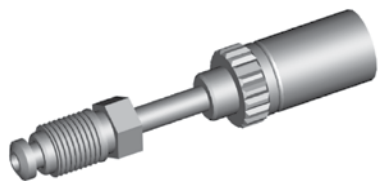
UNI = Universal

V = Various

# GENERAL FITTINGS – MALE SWIVEL

M10 x 1

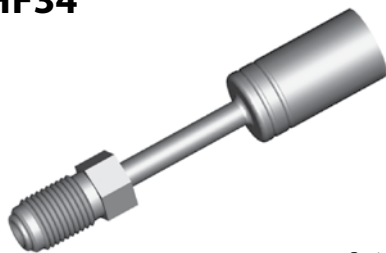
## HF08



Swivel

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

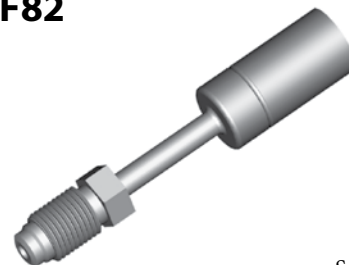
## HF34



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

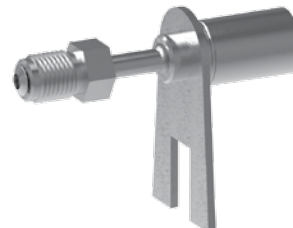
## HF115



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

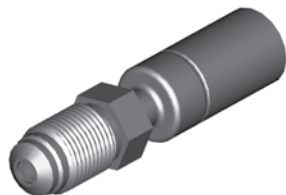


90° Swivel

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

M12 x 1

## HF77



Swivel

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

## HF137



90° Swivel

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

## HF404



90° Swivel

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

A = Asian

EU = European

US = United States

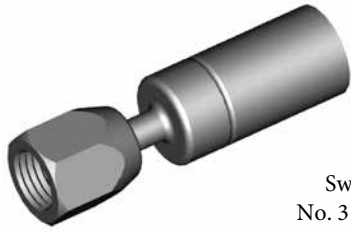
UNI = Universal

V = Various



# GENERAL FITTINGS – FEMALE SWIVEL

**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

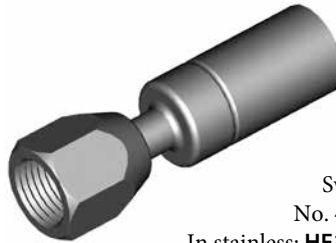
**HF11**



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

**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

**HF102**



Swivel

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

**HF111**



90° Swivel  
O-Ring Included

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

Imperial

Metric

Specials

A = Asian

EU = European

US = United States

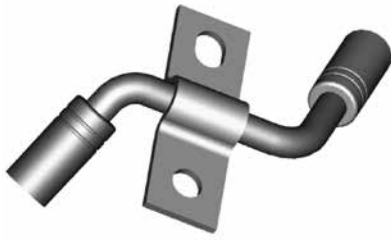
UNI = Universal

V = Various

# GENERAL FITTINGS – CENTER JOINER

Center Joiner

**HF37**



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

**HF38**



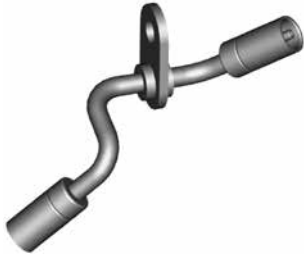
THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	8mm	86mm	A

**HF71**



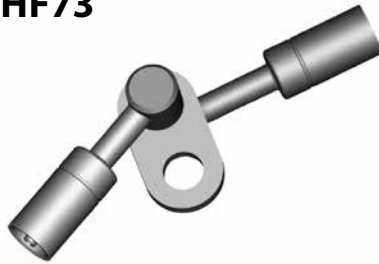
THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	7mm	130mm	A

**HF72**



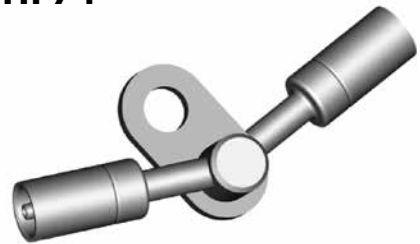
THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	7mm	130mm	A

**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

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

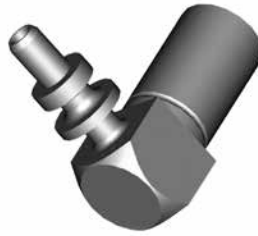
# GENERAL FITTINGS – CLUTCH AND COMPRESSION

**HF35**



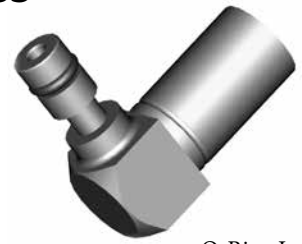
THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	-	43mm	US

**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

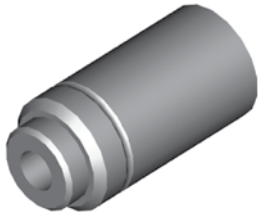
Compression

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

# GENERAL FITTINGS – LIFESAVER AND UNIVERSAL

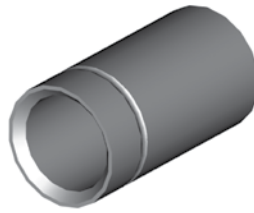
Lifesaver

**HF01**



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

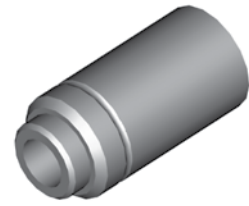
**HF05**



Center Support Lifesaver

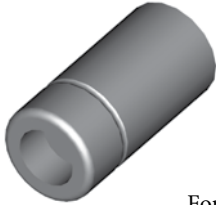
THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	-	25mm	UNI

**HF26**



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

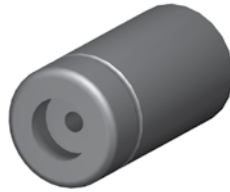
**HF27**



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

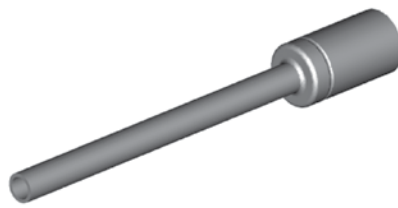
Universal

**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?**

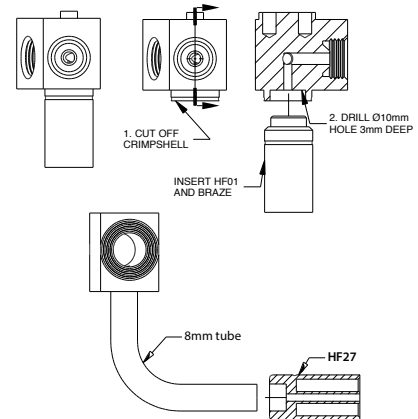
As it is impossible to stock every fitting, BrakeQuip supplies lifesavers to fill in the gaps. Currently BrakeQuip offers five lifesavers, making it easy and efficient for you to reuse the original fitting.

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

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UNI = Universal

V = Various



# BANJO FITTINGS – ROUND STYLE

## HFB01



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

## HFB02



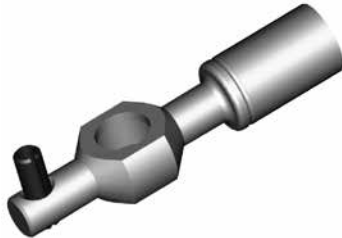
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	-	64mm	A

## 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

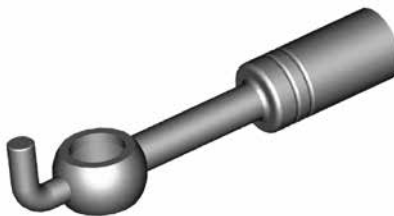
## HFB34



In stainless: HFB34SS

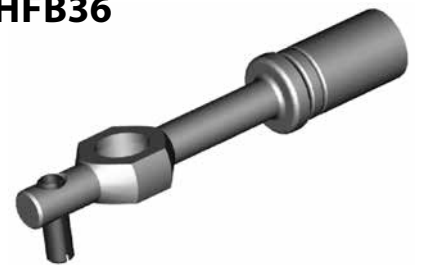
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	-	62.5mm	UNI

## HFB35



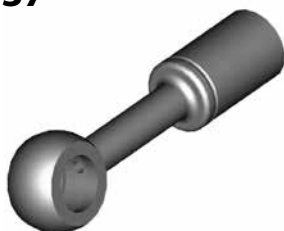
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	-	80mm	UNI

## HFB36



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

## HFB37



In stainless: HFB37SS

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



Right

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

Straight

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

**HFB350**

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	-	-	45mm	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

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# BANJO FITTINGS – ROUND STYLE

## HFB528



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

## HFB529



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

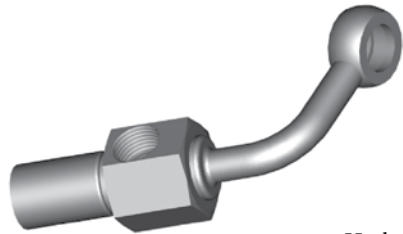
## HFB533



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

Straight

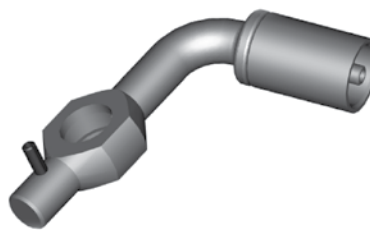
## HFB10



Harley

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

## HFB24



Right is HFB164

Left

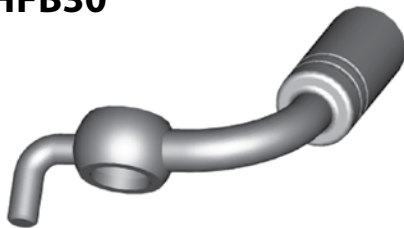
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	75°	64mm	A

## HFB29



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

## HFB30



Left is HFB75

Right

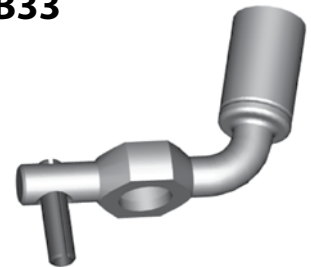
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	90°	52mm	A

## 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

Bent

## HFB75

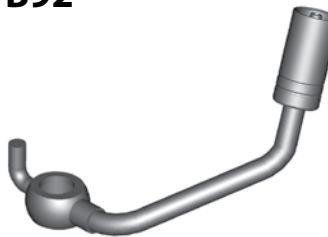


Right is HFB30

Left

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

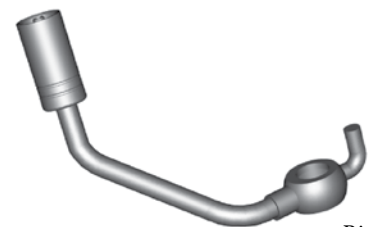
## HFB92



Left

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

## 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

A = Asian

EU = European

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UNI = Universal

V = Various

# BANJO FITTINGS – ROUND STYLE

**HFB157**



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

**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

**HFB164**

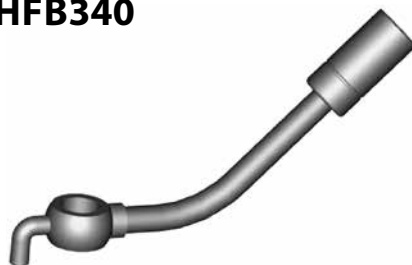


Left is HFB24

Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	75°	64mm	A

**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

**HFB356**



Left

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

**HFB357**



Right

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

Bent

A = Asian

EU = European

US = United States

UNI = Universal

V = Various



# BANJO FITTINGS – ROUND STYLE

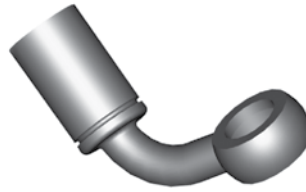
## HFB358



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

## 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



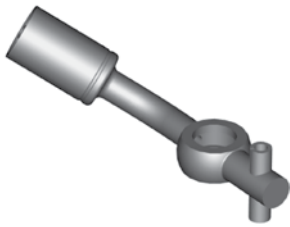
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	60°	45mm	A

## HFB373



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

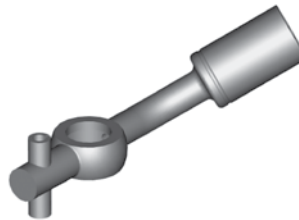
## HFB389



Right

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

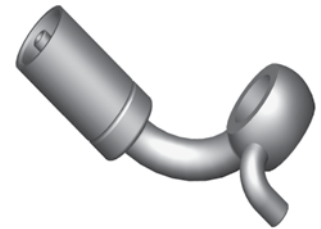
## HFB390



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

## HFB518



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	45°	84mm	A

## HFB519



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

Bent

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# BANJO FITTINGS – ROUND STYLE

## 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

## 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

### CAUTION

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Bent

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V = Various

# BANJO FITTINGS – BLOCK STYLE

## 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

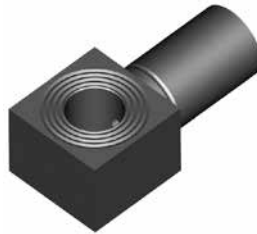
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	7/16"	22mm	10°	45mm	US

## 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

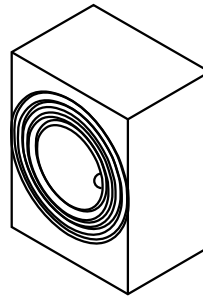


HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25.4mm	-	45mm	US

3/8" Hole

### DID YOU KNOW?

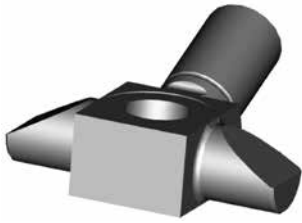
The gramophone finish on some banjo fittings is designed to increase the sealing power of the copper washer. It is usually found on banjo fittings that have a large flat face.



# BANJO FITTINGS – BLOCK STYLE

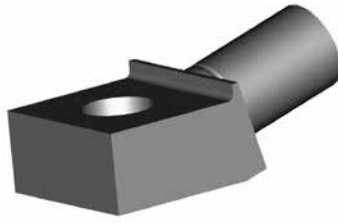
7/16" Hole

## 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



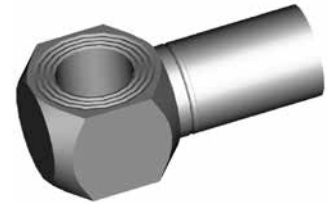
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	1/2"	25mm	-	47mm	US

## 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

## HFB112



8mm Hole

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

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# BANJO FITTINGS – BLOCK STYLE

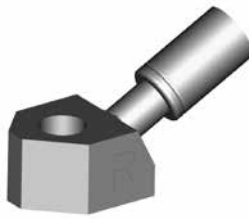
## HFB07



Left

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

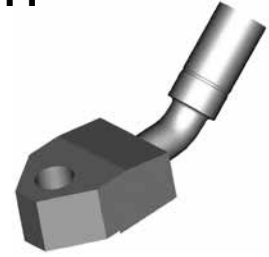
## HFB08



Right

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

## HFB11



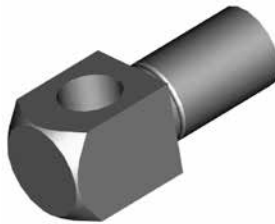
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	16mm	28mm	40°	92mm	A

## 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



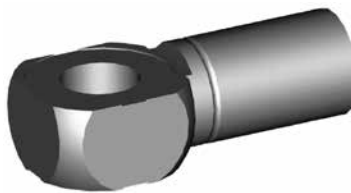
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	13mm	20mm	20°	55mm	US

## HFB16



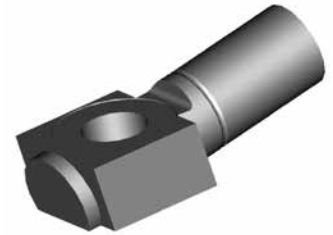
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10.4mm	19mm	20°	54mm	EU

## HFB40



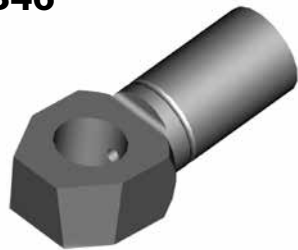
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.3mm	19mm	-	42mm	US

## HFB45



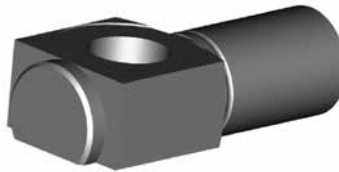
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	19.6mm	10°	47mm	US

## HFB46



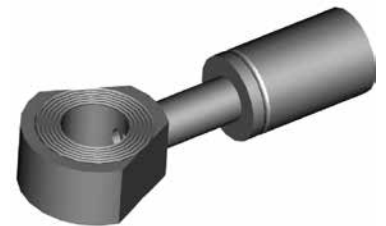
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	17.6mm	10°	44mm	US

## HFB49



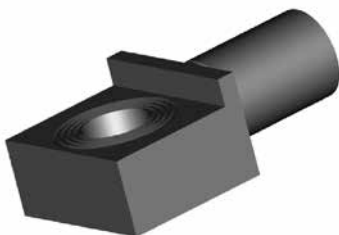
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.3mm	19mm	-	44mm	US

## 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

10mm Hole

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EU = European

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V = Various

# BANJO FITTINGS – BLOCK STYLE

10mm Hole

**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

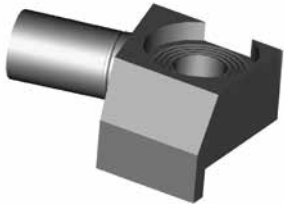
**HFB133**



Right

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

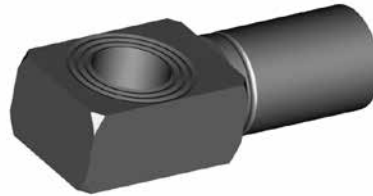
**HFB134**



Left

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

**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

**HFB286**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5	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

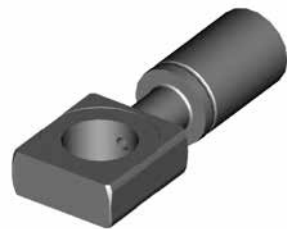
12mm & 16mm Hole

**HFB38**



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

**HFB312**



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

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EU = European

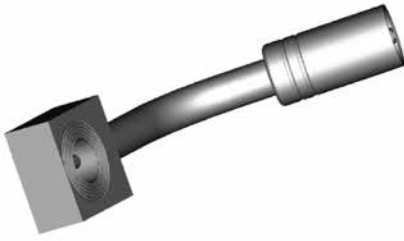
US = United States

UNI = Universal

V = Various

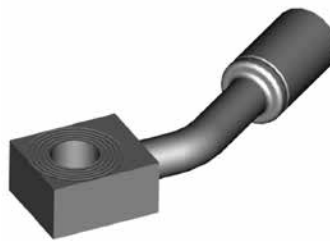
# BANJO FITTINGS – TUBE STYLE – EITHER SIDE

## 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

## HFB148



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25mm	85°	131mm	US

## HFB182



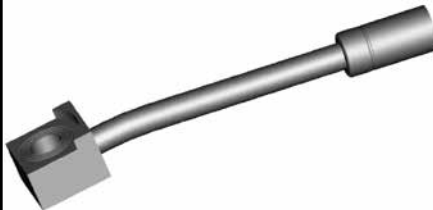
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.2mm	-	165mm	US

## 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



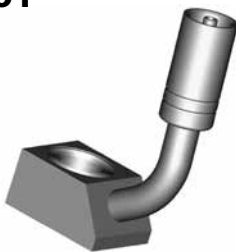
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	11mm	25mm	35°	75mm	US

## 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



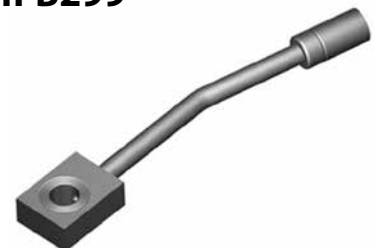
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	15mm	20mm	30°	110mm	US

## HFB276



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

## HFB299



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

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3/8" Hole

7/16" Hole

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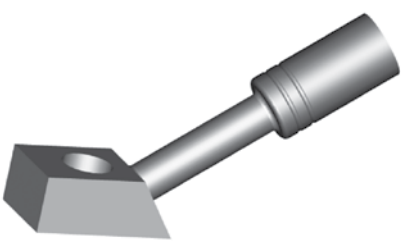
UNI = Universal

V = Various

# BANJO FITTINGS – TUBE STYLE – EITHER SIDE

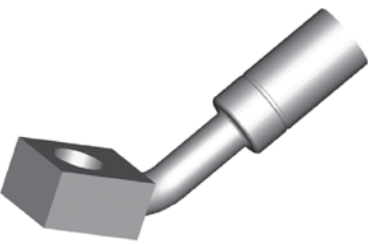
10mm Hole

**HFB17**



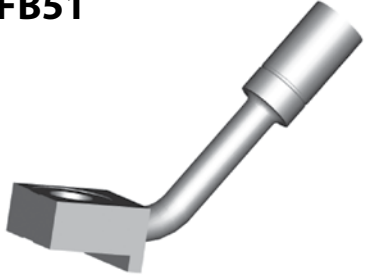
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	17mm	35°	78mm	V

**HFB21**



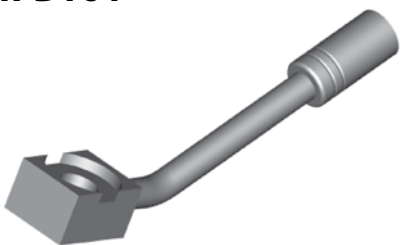
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	17mm	50°	72mm	V

**HFB51**



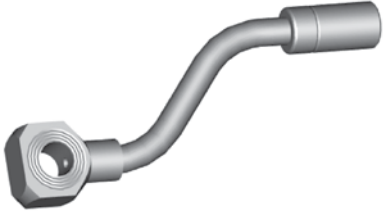
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	22.2mm	55°	75mm	US

**HFB161**



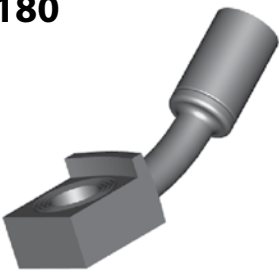
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	20mm	30°	121mm	US

**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**



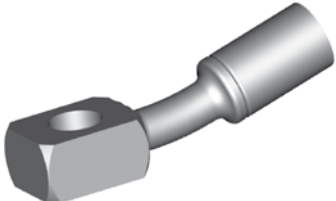
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	19.5mm	75°	110mm	US

**HFB267**



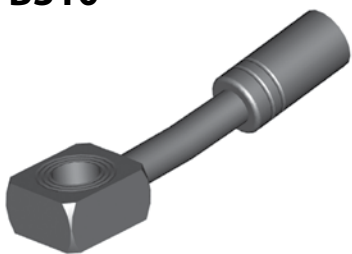
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	20.5mm	15°	90mm	US

**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

**HFB378**



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.6mm	17mm	45°	-	US

**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

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# BANJO FITTINGS – TUBE STYLE – EITHER SIDE

## HFB557



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

## HFB564



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

10mm Hole

## HFB379



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

12mm Hole

## HFB22



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

## HFB23

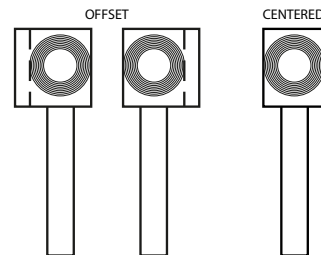


HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	1/2"	19mm	-	172mm	UNI

Universal

### 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

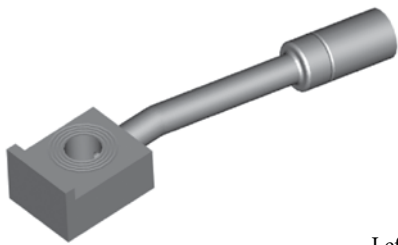
V = Various



# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

3/8" Hole

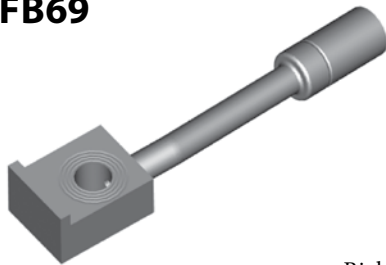
## HFB68



Left

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

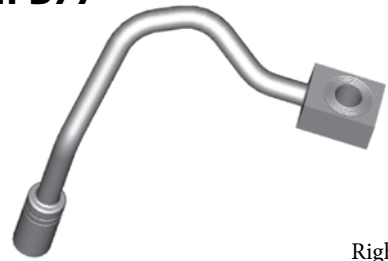
## HFB69



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

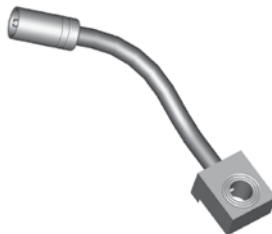
## HFB115



Right

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

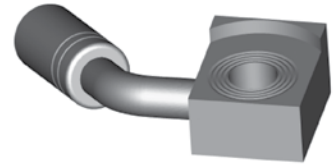
## HFB116



Left

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

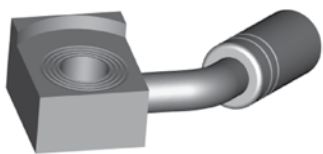
## HFB125



Left

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

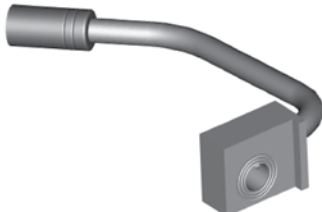
## HFB126



Right

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

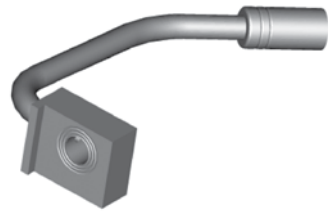
## HFB127



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

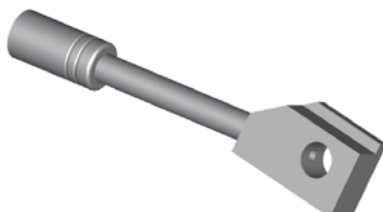
## HFB132



Left

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

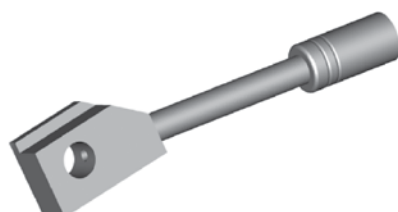
## HFB135



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

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

## 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

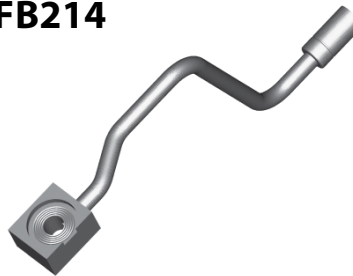
## HFB210



Right

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

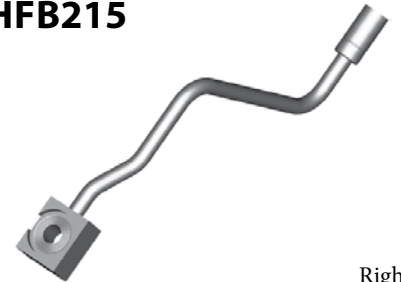
## HFB214



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

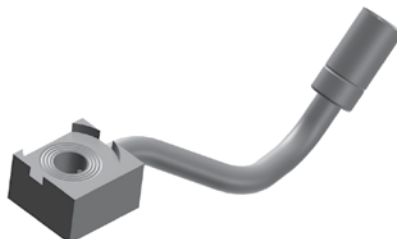
## HFB222



Right

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

## HFB270



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

3/8" Hole

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

# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

3/8" Hole

**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

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

## 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



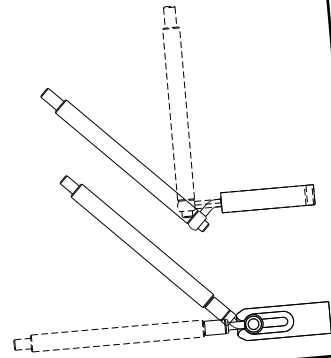
Left

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

3/8" Hole

### 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 87 for tool listings.)



# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

7/16" Hole

## 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

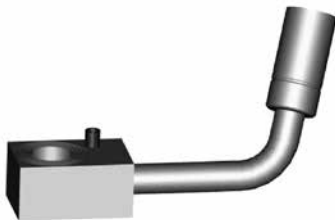
## HFB124



Right

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

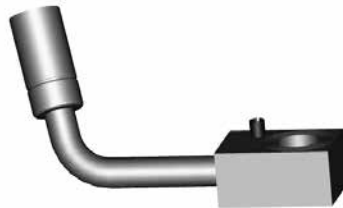
## HFB176



Left

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

## HFB177



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

A = Asian

EU = European

US = United States

UNI = Universal

V = Various



# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

**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

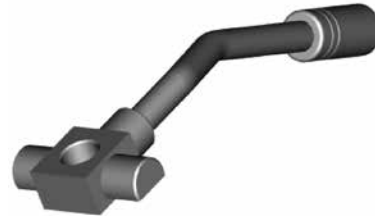
**HFB108**



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

**HFB117**



Left

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

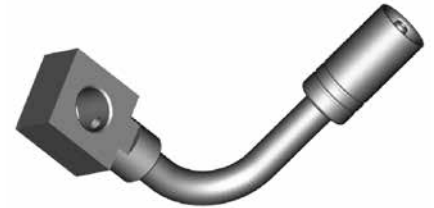
**HFB118**



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

10mm Hole

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

# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

10mm Hole

**HFB184**

Right

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

**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

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

**HFB285**

Right

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

**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**

Left

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

**HFB368**

Right

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

10mm Hole

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

# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

10mm Hole

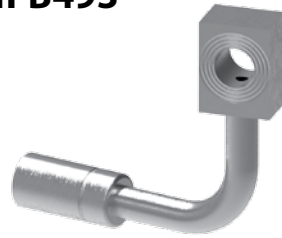
**HFB475**



Left

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

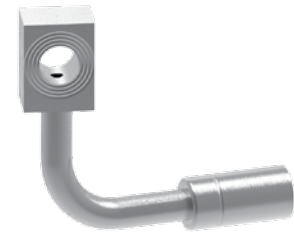
**HFB493**



Left

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

**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

**HFB543**



Left

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

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BANJO FITTINGS – TUBE STYLE – LEFT/RIGHT

**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

**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**



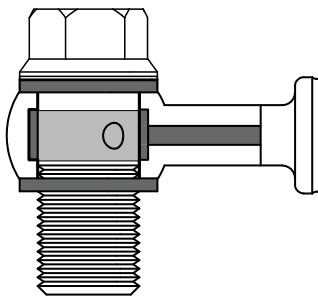
Right

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

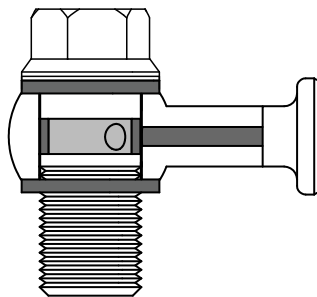
10mm Hole

## DID YOU KNOW?

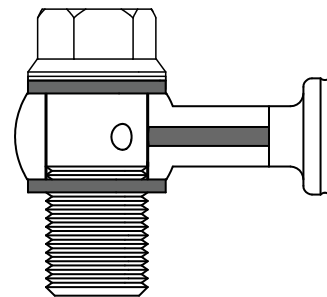
It is important to match banjo fittings with a compatible banjo bolt. If the banjo head has a fluid channel, then it doesn't matter if the banjo bolt has a groove at the inlet port. However, the fluid flow can be restricted if you combine a banjo fitting that does not have a fluid channel with a banjo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

3/8" x 24NF

## HFIF01



Alt. HFIF36  
In stainless: HFIF01SS

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

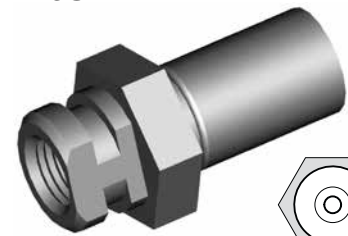
## HFIF01B



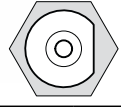
Brass

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

## HFIF05

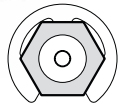
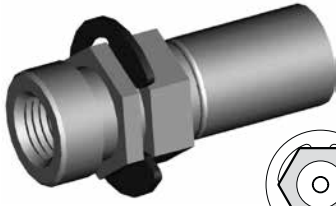


Alt. HFIF45



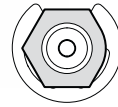
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	19mm	38mm	V

## HFIF07



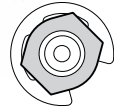
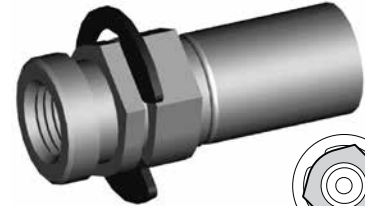
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	41mm	US

## HFIF08



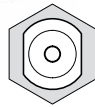
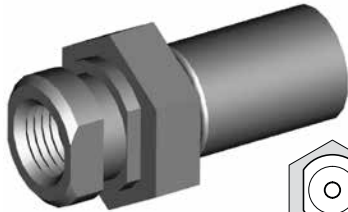
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	41mm	US

## HFIF10



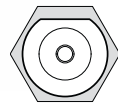
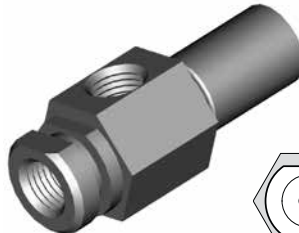
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	39mm	US

## HFIF11



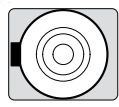
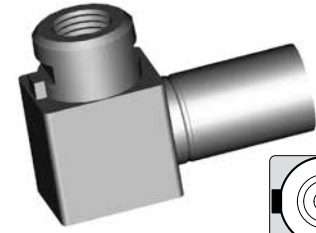
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	19mm	38mm	V

## HFIF14



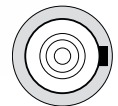
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Clip	19mm	50mm	US

## HFIF18



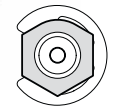
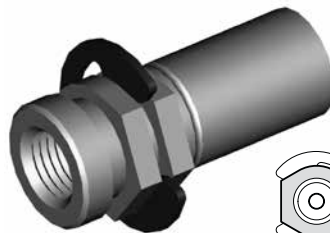
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	-	41mm	US

## HFIF19



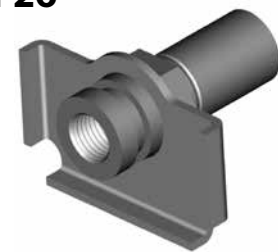
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	38mm	US

## HFIF21



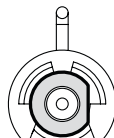
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	DPS	Clip	16mm	37mm	US

## HFIF26



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

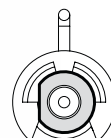
## HFIF29



Left

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

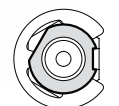
## HFIF30



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

A = Asian

EU = European

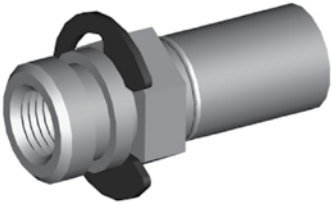
US = United States

UNI = Universal

V = Various

# IMPERIAL FEMALE FITTINGS – CLIP MOUNT

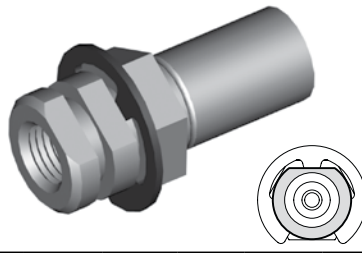
## HFIF36



Alt. HFIF01

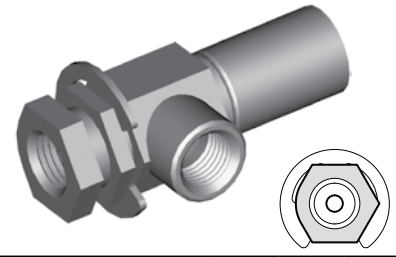
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	39mm	US

## HFIF38



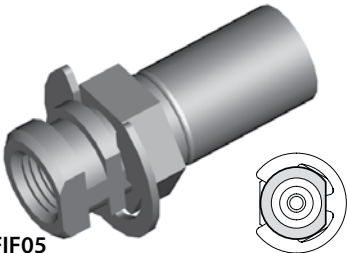
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	17mm	40mm	US

## HFIF40



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

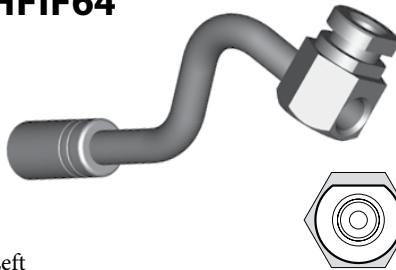
## HFIF45



Alt. HFIF05

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

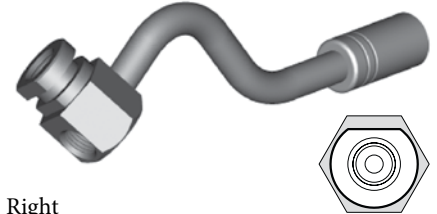
## HFIF64



Left

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

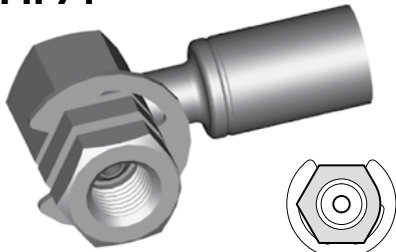
## HFIF65



Right

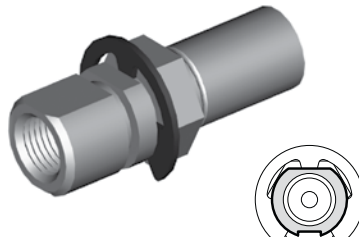
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Clip	19mm	137mm	US

## HFIF71



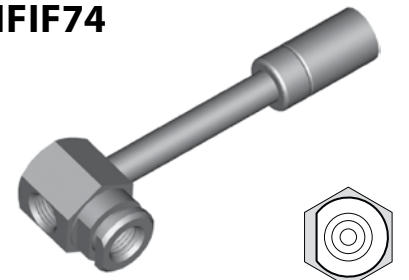
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	45mm	US

## HFIF72



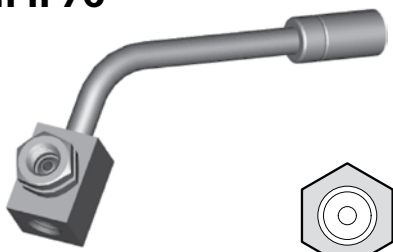
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	17mm	47mm	US

## HFIF74



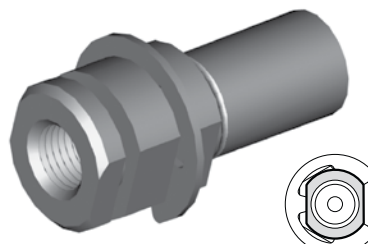
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Clip	19mm	92mm	US

## HFIF76



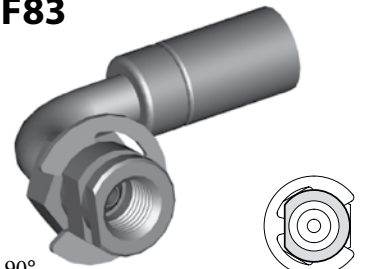
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Clip	16mm	90mm	US

## HFIF82



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

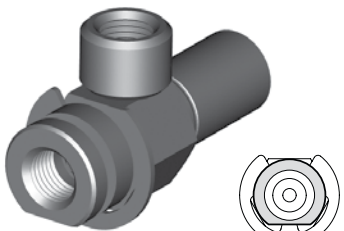
## HFIF83



Angle: 90°

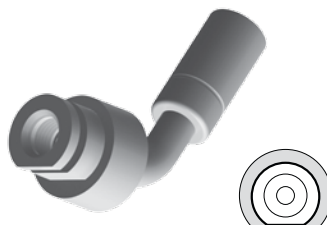
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	55mm	US

## HFIF87



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

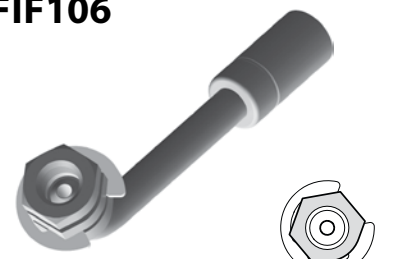
## HFIF103



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

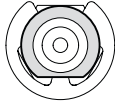
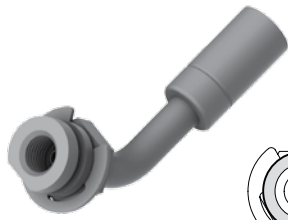
3/8" x 24NF

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

# IMPERIAL FEMALE FITTINGS – CLIP MOUNT

3/8" x 24NF

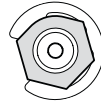
## HFIF140



Angle: 55°

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

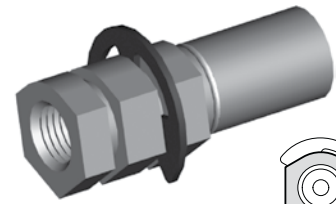
## HFIF143



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

7/16" x 20NF

## HFIF172



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

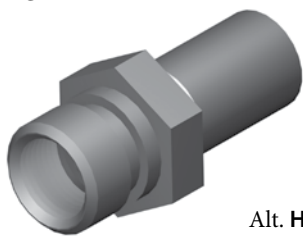
### DID YOU KNOW?

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.**

# IMPERIAL FEMALE FITTINGS – CLIP MOUNT

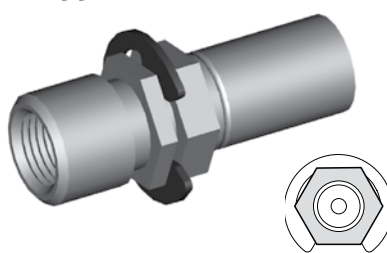
**HFIF02**



Alt. HFIF24  
In stainless: HFIF02SS

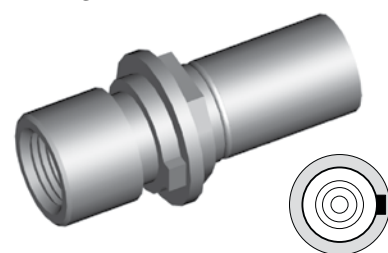
THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	19mm	38mm	V

**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

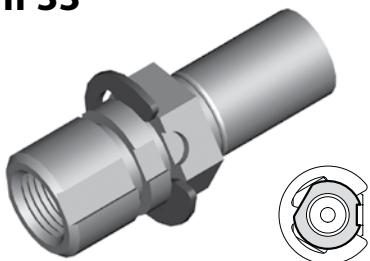
**HFIF24**



Alt. HFIF02

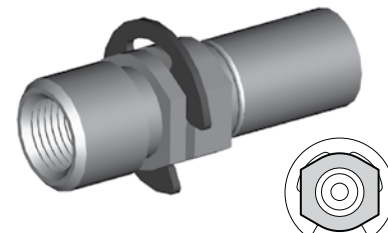
THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	16mm	40mm	US

**HFIF33**



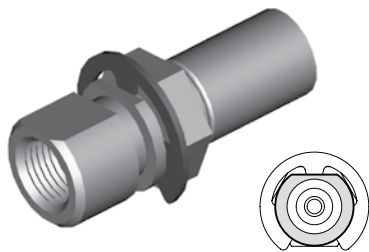
THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	17mm	41mm	US

**HFIF35**



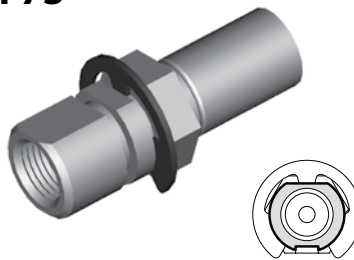
THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	16mm	46mm	US

**HFIF51**



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

**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**



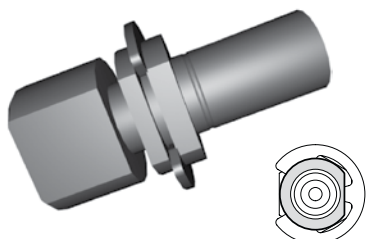
THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NF	Inverted	Clip	16mm	46mm	US

**HFIF142**



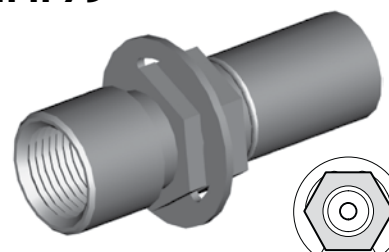
THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NF	Inverted	Clip	16mm	68mm	US

**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

7/16" x 24NS

1/2" x 20NF

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

# IMPERIAL FEMALE FITTINGS – BOLT-ON MOUNT

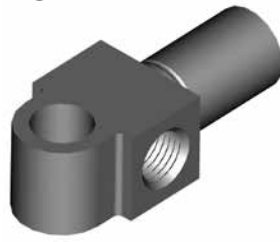
Bolt-On Mount

## 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



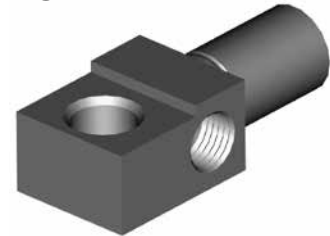
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8"NF-7/16"NS	Inverted	Bolted	11.8mm	52mm	US

## HFIF31



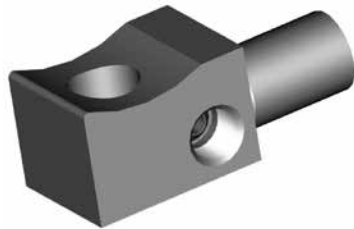
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8"NF-7/16"NS	Inverted	Bolted	11.9mm	52mm	US

## HFIF34



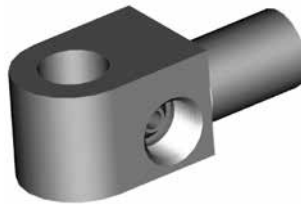
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	8/10mm	49mm	US

## HFIF37



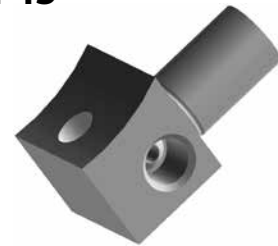
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	12mm	53mm	US

## HFIF39



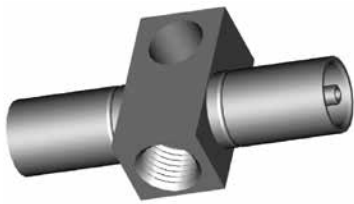
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8"NF-7/16"NS	Inverted	Bolted	11.8mm	52mm	US

## 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

A = Asian

EU = European

US = United States

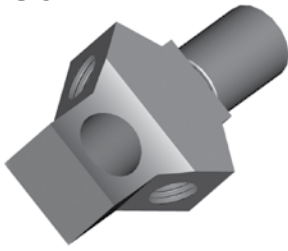
UNI = Universal

V = Various



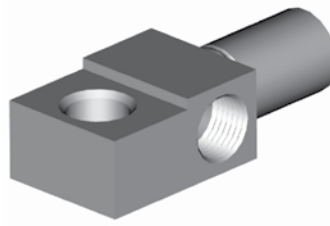
# IMPERIAL FEMALE FITTINGS – BOLT-ON MOUNT

## HFIF56



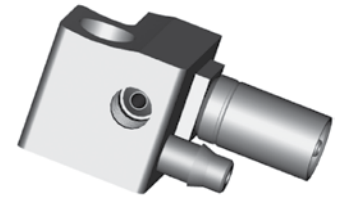
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	11.8mm	55mm	US

## HFIF57



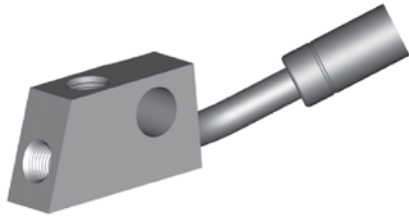
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
7/16" x 24NS x 2	Inverted	Bolted	8/10mm	54mm	US

## HFIF58



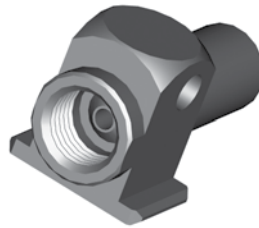
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	11.5mm	50mm	US

## HFIF66



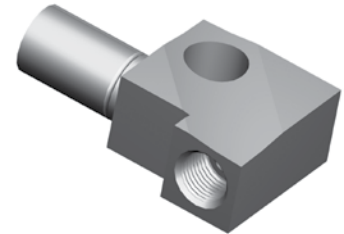
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	11.9mm	93mm	US

## HFIF77



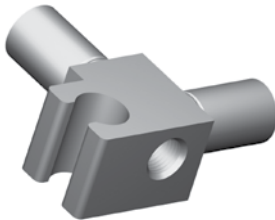
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
1/2" x 20NF	Inverted	Bolted	6.2mm	42mm	US

## HFIF80



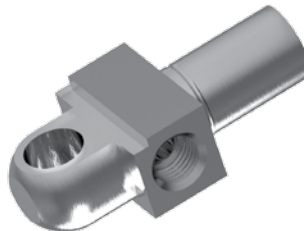
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	11.8mm	52mm	US

## HFIF88



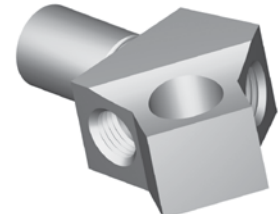
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF	Inverted	Bolted	11.6mm	51mm	US

## HFIF94



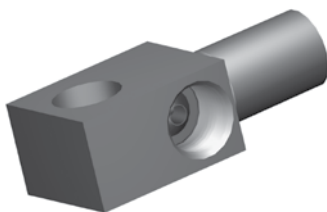
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	8/10mm	58mm	US

## HFIF110



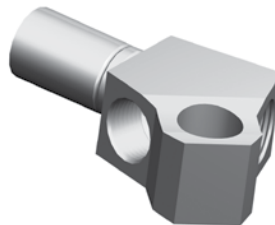
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	12mm	-	US

## HFIF111



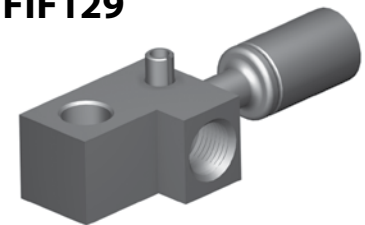
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
7/16" x 24NS - 2	Inverted	Bolt On	11.9mm	51mm	US

## HFIF115



THREAD	SEAT	MOUNT	HOLE	OAL	FITS
7/16" x 24NS x 2	Inverted	Bolted	11.9mm	57mm	US

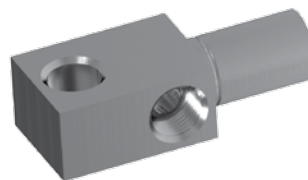
## HFIF129



Suits Nissan Sports  
Use in conjunction with HF17 or HF33

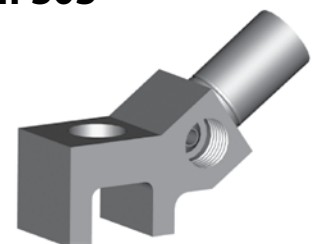
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF	Inverted	Bolted	8.75mm	75mm	A

## HFIF157



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

## HFIF303



THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8"NF-7/16"NS	Inverted	Bolted	11.4mm	70mm	US

Bolt-On Mount

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# IMPERIAL FEMALE FITTINGS – BULKHEAD MOUNT

Bulkhead Mount

## 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

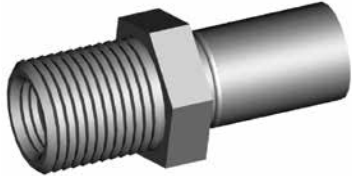
## HFIFX03



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

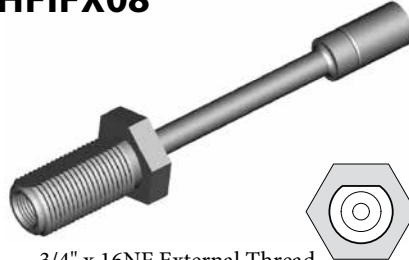
## HFIFX07



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

A = Asian

EU = European

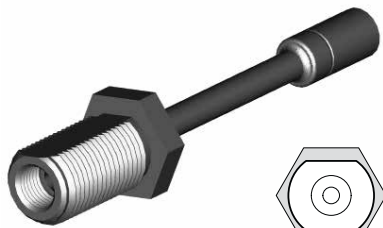
US = United States

UNI = Universal

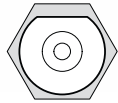
V = Various

# IMPERIAL FEMALE FITTINGS – BULKHEAD OR BRACKET 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

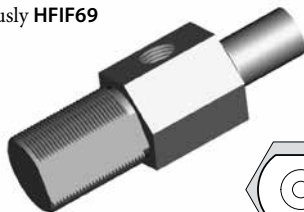


5/8" x 18NF External Thread

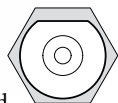
THREAD	MOUNT	HEX	OAL	FITS
1/8" x 27NPT	Bulkhead	19mm	45mm	US

## HFIFX21

Previously HFIF69



7/8" x 18NS External Thread

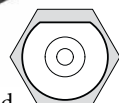


THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS x 2	Inverted	Bulkhead	25mm	80mm	US

## 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

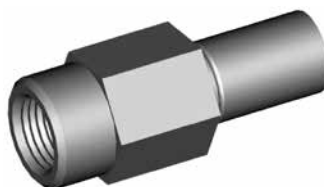
THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Bulkhead	5/8"	46mm	V

Bulkhead Mount

### DID YOU KNOW?

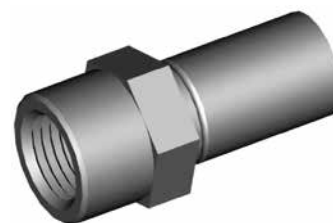
Most female fittings with a bulkhead mount use a 5/8" x 18NF thread, but some of these fittings come with an M16x1.5 or another thread. When in doubt, supply a **BQ13** nut with the fitting.

## HFIF03



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

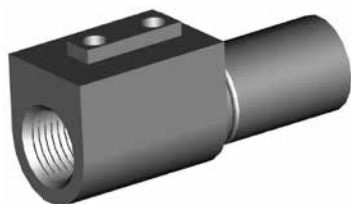
## HFIF06



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

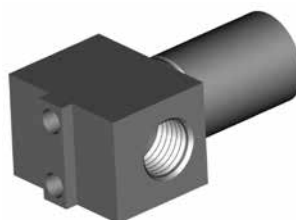
No Mount

## 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



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

Right

Bracket Mount

A = Asian

EU = European

US = United States

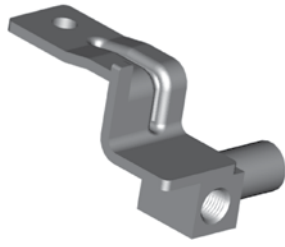
UNI = Universal

V = Various

# IMPERIAL FEMALE FITTINGS – BRACKET MOUNT

Bracket Mount

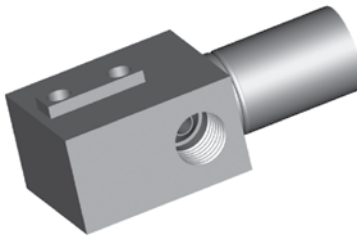
## HFIF42



Left

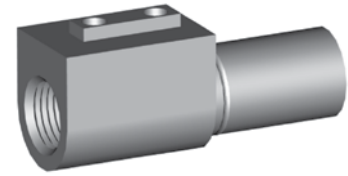
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Bracket	-	50mm	US

## HFIF44



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

## HFIF52



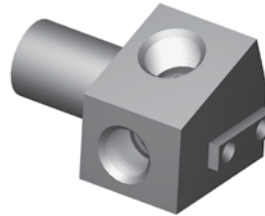
THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Bracket	-	46mm	US

## HFIF60



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

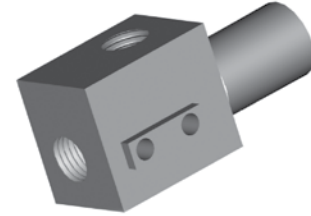
## HFIF60A



Use BQB07 bracket

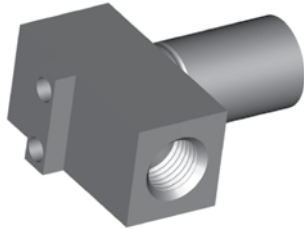
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Bracket	-	42mm	US

## HFIF70



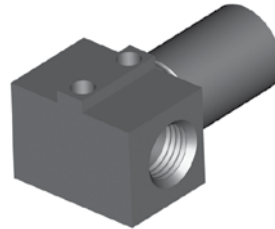
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Bracket	-	48mm	US

## HFIF81



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

## HFIF90



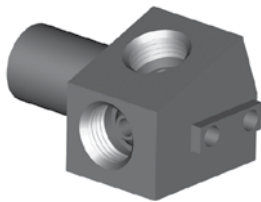
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Bracket	-	37mm	US

## 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

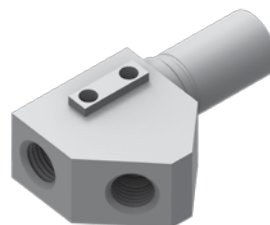
## HFIF128



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

A = Asian

EU = European

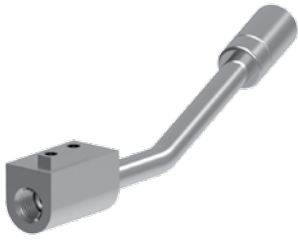
US = United States

UNI = Universal

V = Various

# IMPERIAL FEMALE FITTINGS – BRACKET MOUNT

## HFIF147



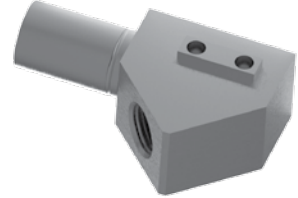
THREAD	SEAT	MOUNT	ANGLE	OAL	FITS
3/8" x 24NF	Inverted	Bracket	20°	140mm	US

## 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



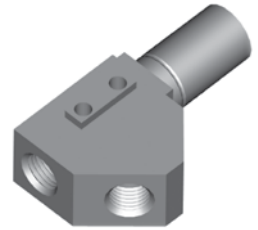
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Bracket	-	47mm	US

## HFIF153



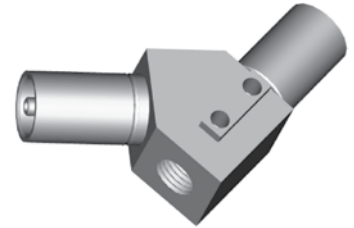
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Bracket	-	57mm	US

## HFIF304



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

## HFIF306



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Bracket	-	58mm	US

Bracket Mount

## 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 – STANDARD MOUNT

Standard Mount

## 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

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# IMPERIAL MALE FITTINGS – STANDARD OR BOLT-ON 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

Standard Mount

## HFIM36



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

## 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

AN Joiner

## HFIM30



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

Bolt-On Mount

A = Asian

EU = European

US = United States

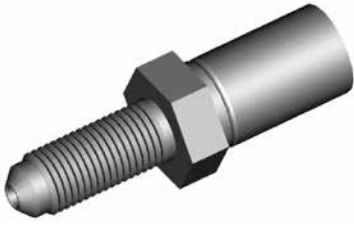
UNI = Universal

V = Various

# IMPERIAL MALE FITTINGS – BULKHEAD OR CLIP MOUNT

Bulkhead Mount

## 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

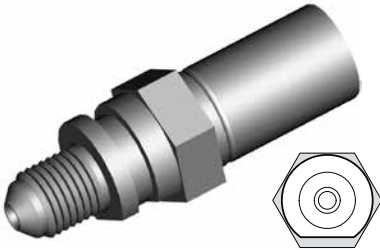
## HFIM12



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

Clip Mount

## 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

A = Asian

EU = European

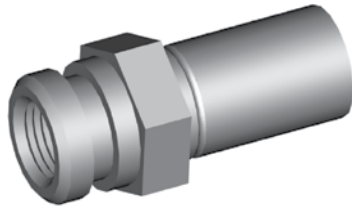
US = United States

UNI = Universal

V = Various

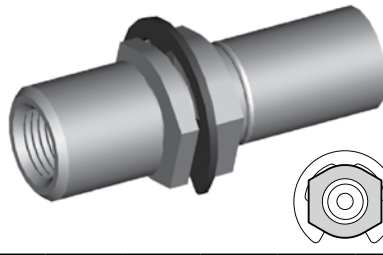
# METRIC FEMALE FITTINGS – CLIP MOUNT

## HFMF01



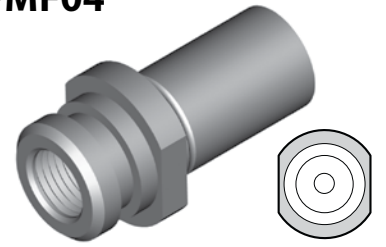
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	38mm	V

## HFMF02



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

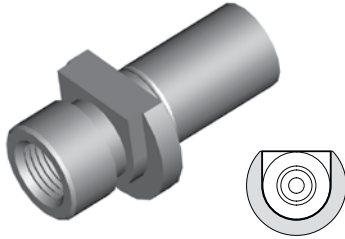
## HFMF04



In stainless: HFMF04SS

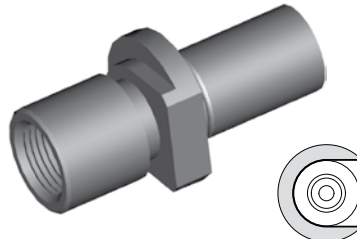
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	38mm	A

## HFMF06



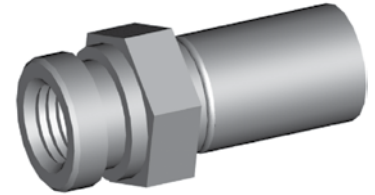
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	-	39mm	A

## HFMF07



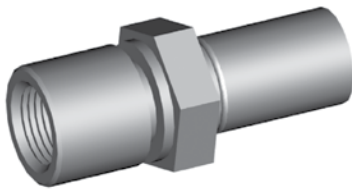
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	Inverted	Clip	-	45mm	A

## HFMF09



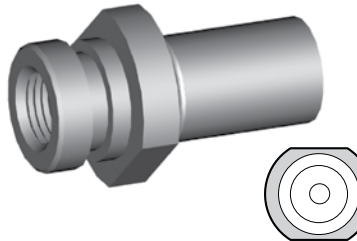
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1.25	Inverted	Clip	17mm	37mm	V

## HFMF10



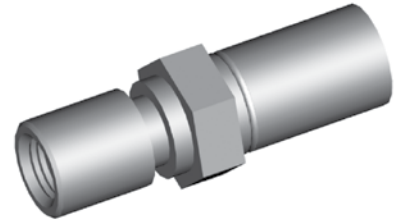
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	Inverted	Clip	19mm	46mm	A

## HFMF11



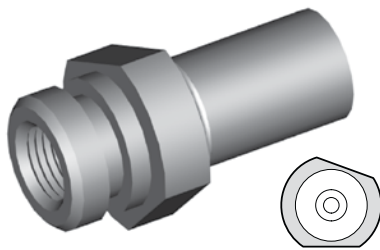
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	19mm	37mm	A

## HFMF12



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

## HFMF13



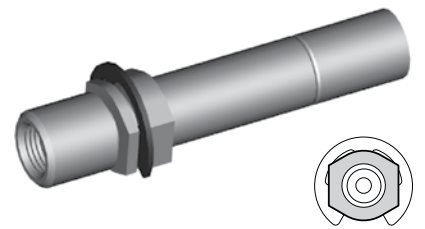
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	-	38mm	A

## HFMF14



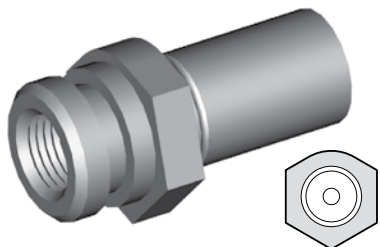
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	45mm	A

## HFMF15



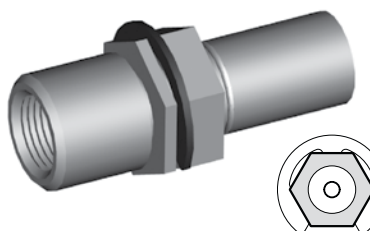
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	77mm	A

## HFMF16



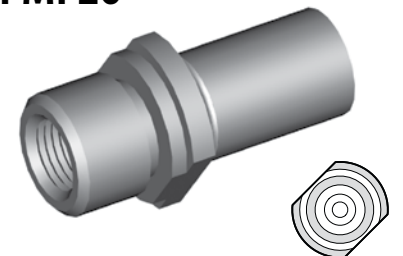
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	19mm	37mm	V

## 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

Inverted Seat

A = Asian

EU = European

US = United States

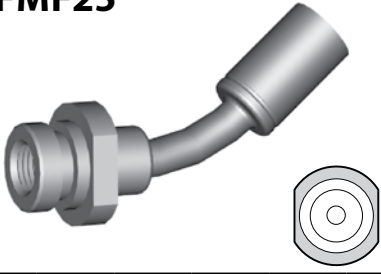
UNI = Universal

V = Various

# METRIC FEMALE FITTINGS – CLIP MOUNT

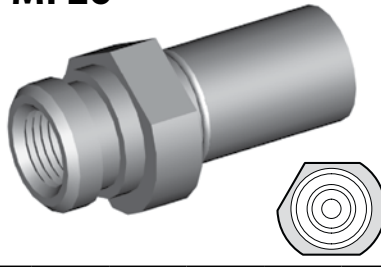
Inverted Seat

## HFMF25



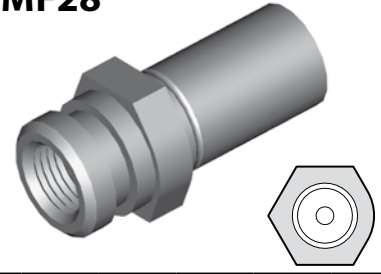
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	19mm	70mm	A

## HFMF26



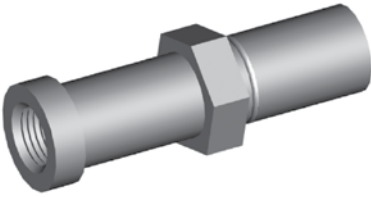
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	38mm	A

## HFMF28



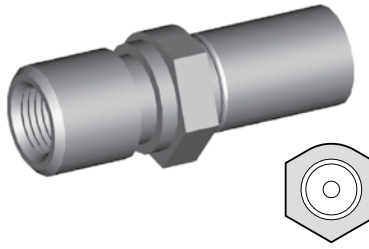
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	37mm	V

## HFMF29



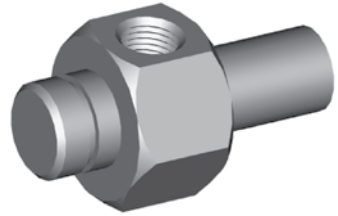
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	-	17mm	54mm	A

## HFMF31



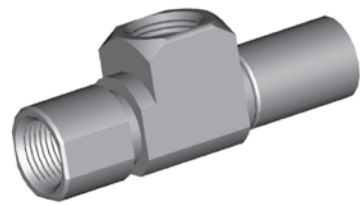
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	45mm	V

## HFMF36



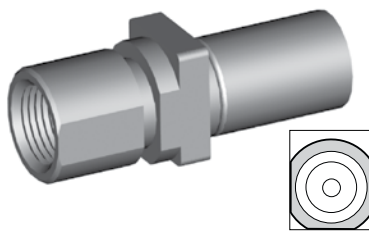
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1-(2)	Inverted	Clip	26mm	50mm	A

## HFMF42



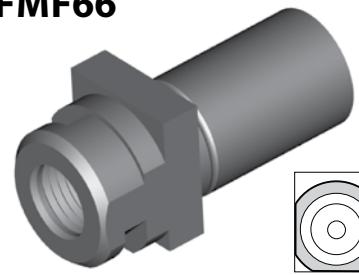
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1-(2)	Inverted	Clip	-	57mm	US

## HFMF43



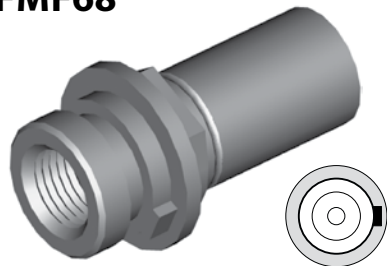
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	Inverted	Clip	-	45mm	US

## HFMF66



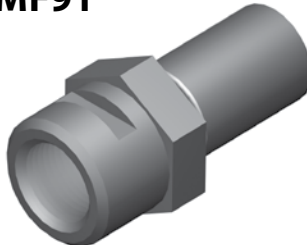
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	-	36mm	US

## HFMF68



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

## HFMF91



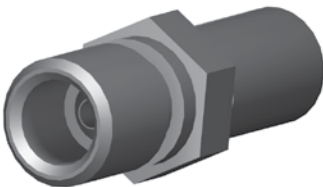
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	Inverted	Clip	19mm	40mm	EU

## HFMF92



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

## HFMF93



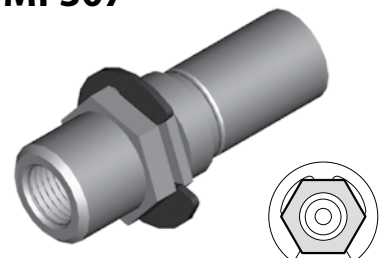
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	47mm	EU

## 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

A = Asian

EU = European

US = United States

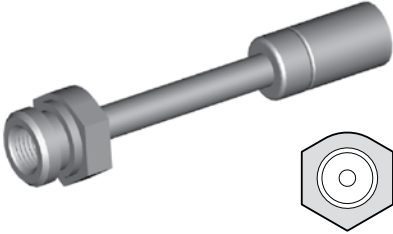
UNI = Universal

V = Various



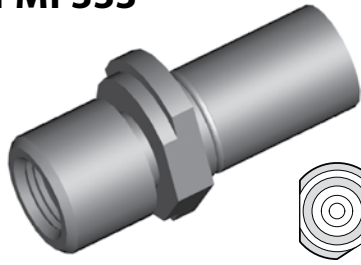
# METRIC FEMALE FITTINGS – CLIP MOUNT

**HFMF308**




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

**HFMF333**



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	41mm	A

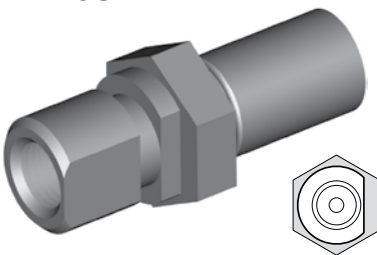
**HFMF366**



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

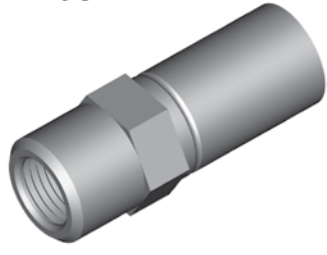
Inverted Seat

**HFMF03**



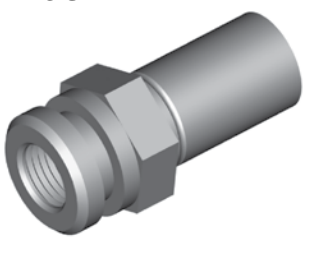
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	19mm	46mm	A

**HFMF05**



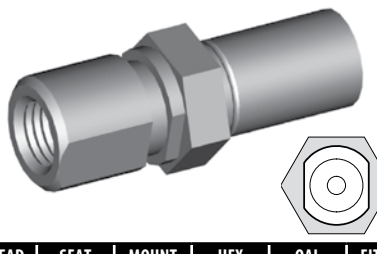
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	14mm	38mm	EU

**HFMF08**



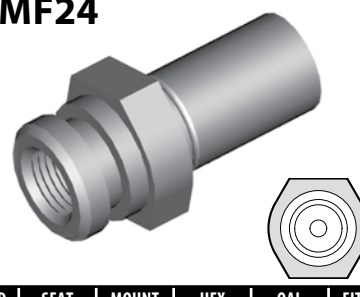
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	41mm	V

**HFMF21**



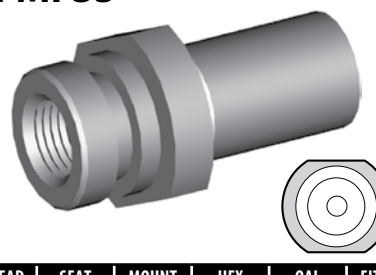
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1.25	DPS	Clip	17mm	47mm	EU

**HFMF24**



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

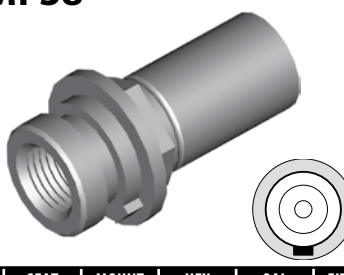
**HFMF35**



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

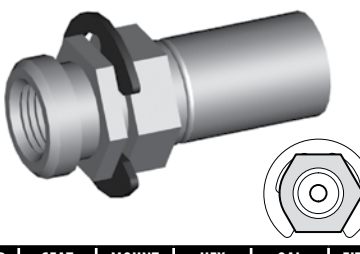
Drill-Point Seat

**HFMF38**



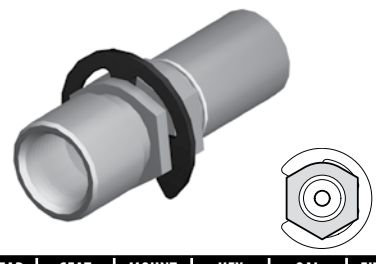
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	16mm	37mm	US

**HFMF39**



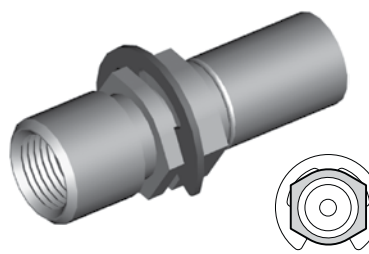
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	16mm	39mm	US

**HFMF47**



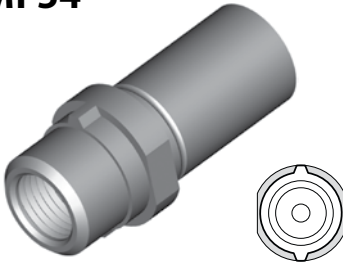
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12x1	DPS	Clip	16mm	46mm	US

**HFMF51**



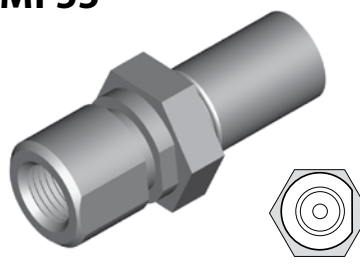
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	DPS	Clip	16mm	47mm	US

**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

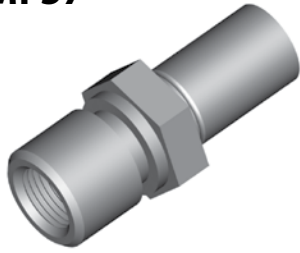
A = Asian    EU = European    US = United States    UNI = Universal    V = Various



# METRIC FEMALE FITTINGS – CLIP MOUNT

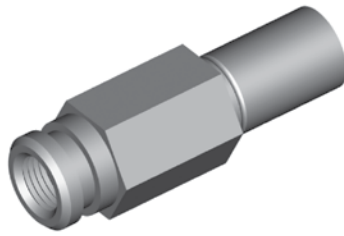
Drill-Point Seat

## HFMF57



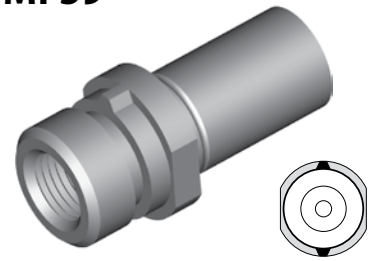
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12x1.25	DPS	Clip	19mm	46mm	EU

## HFMF58



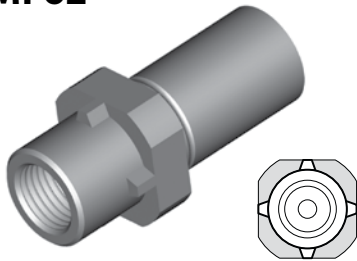
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	54mm	V

## HFMF59



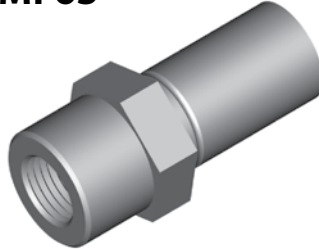
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	38mm	EU

## HFMF62



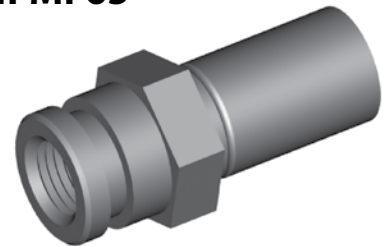
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	39mm	EU

## HFMF63



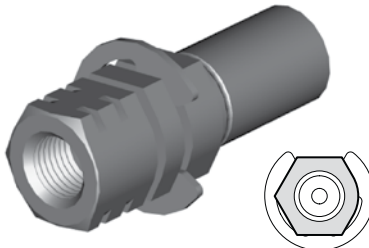
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	39mm	EU

## HFMF65



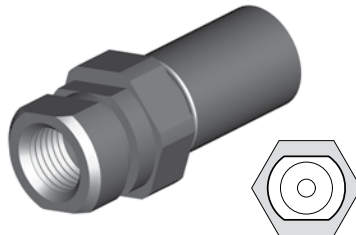
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	39mm	A

## HFMF67



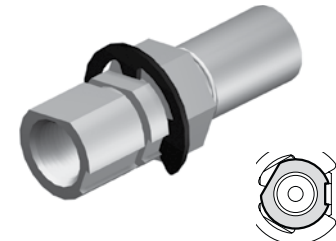
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	16mm	46mm	US

## HFMF71



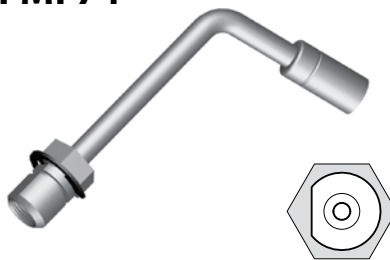
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	39mm	EU

## HFMF73



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

## HFMF74



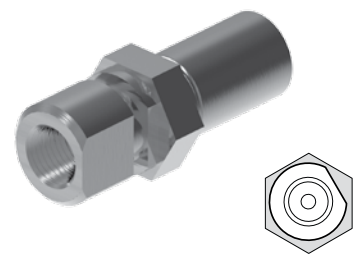
THREAD	SEAT	MOUNT	HEX	ANGLE	FITS
M10 x 1	DPS	Clip	17mm	80°	US

## HFMF96



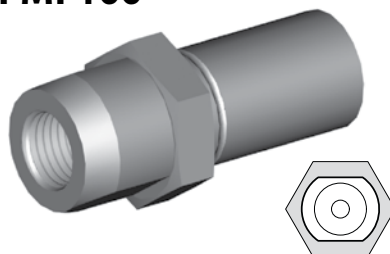
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	5/8"	38mm	EU

## HFMF99



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

## HFMF100



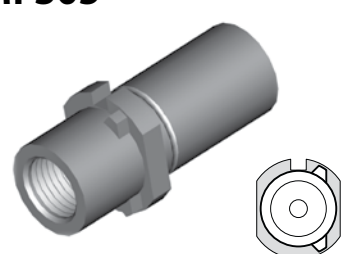
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	39mm	EU

## HFMF191



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

## HFMF305



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

A = Asian

EU = European

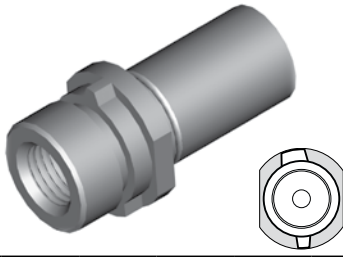
US = United States

UNI = Universal

V = Various

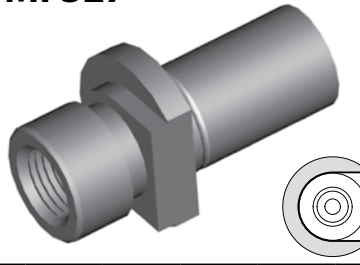
# METRIC FEMALE FITTINGS – CLIP MOUNT

## HFMF315



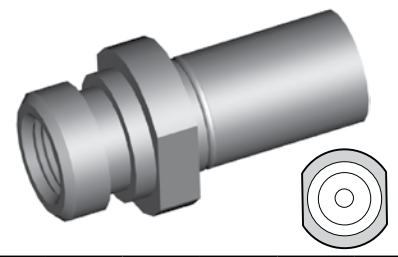
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	36mm	A

## HFMF327



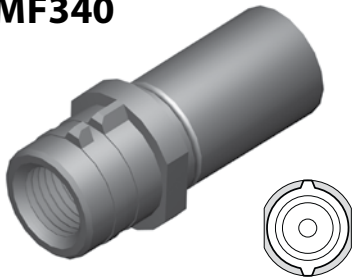
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	-	39mm	A

## HFMF329



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

## HFMF340



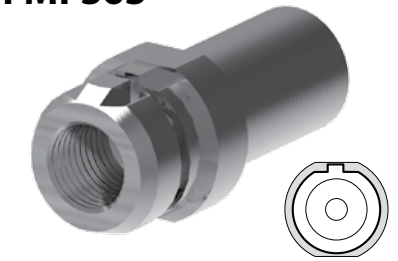
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	15mm	37mm	EU

## HFMF360



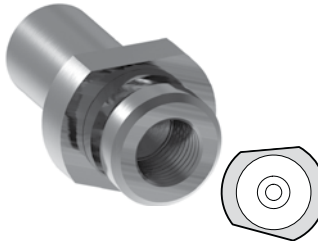
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	15mm	37mm	EU

## HFMF363



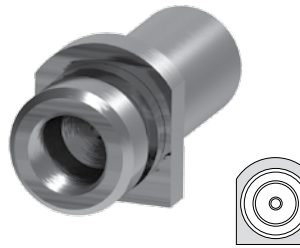
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	-	38mm	EU

## HFMF367



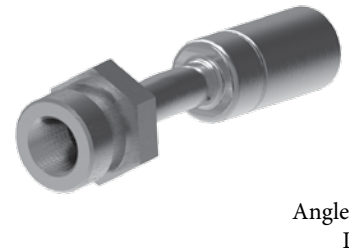
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	-	38mm	A

## 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

## HFMF370



Angle: 20°  
Right

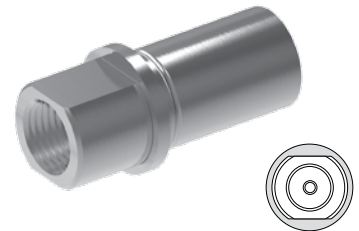
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	66mm	A

## HFMF372



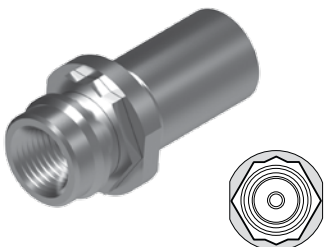
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	37mm	A

## 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

Drill-Point Seat

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# METRIC FEMALE FITTINGS – CLIP OR BOLT-ON MOUNT

Clip Mount – Drill-Point Seat

## 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

## HFMF386

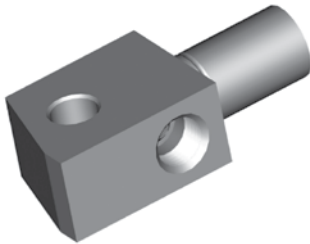


Right

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

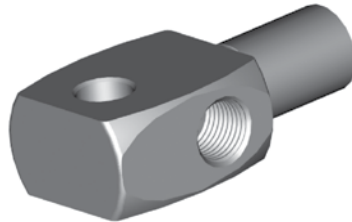
Bolt-On Mount

## HFMF18



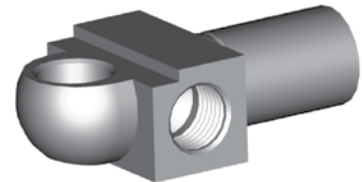
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
M10x1-(2)	Inverted	Bolted	8.5mm	55mm	A

## HFMF48



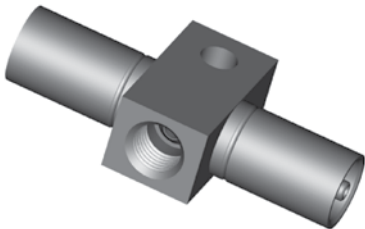
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
M10 x 1	Inverted	Bolted	8.75mm	53mm	A

## HFMF50



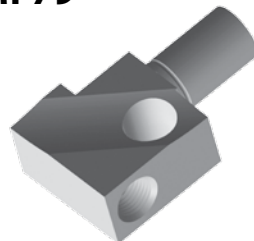
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
M10x1-(2)	DPS	Bolted	8/10mm	48mm	US

## HFMF69



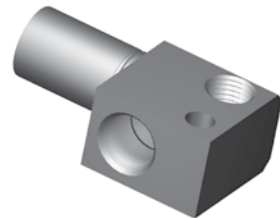
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
M10 x 1	Inverted	Bolted	6.4mm	62mm	A

## 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

A = Asian

EU = European

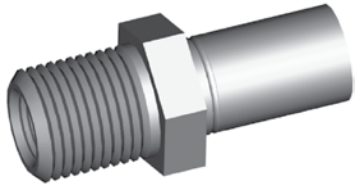
US = United States

UNI = Universal

V = Various

# METRIC FEMALE FITTINGS – BULKHEAD OR SPLINE MOUNT

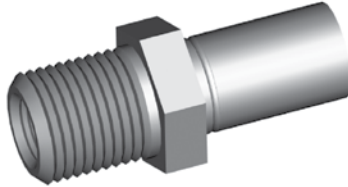
## HFMFX01



5/8" x 18NF External Thread

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

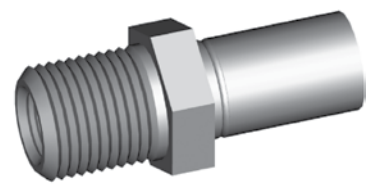
## HFMFX02



5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x 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

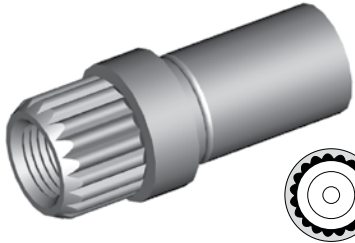
## HFMFX10



M20 x 1.5 External Thread

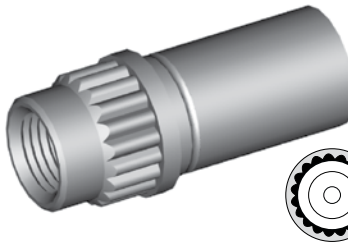
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	DPS	Bulkhead	22mm	49mm	US

## HFMF22



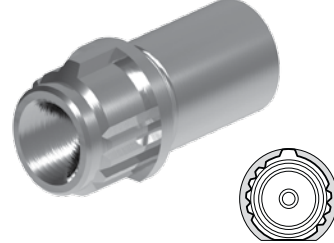
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Spline	-	39mm	EU

## 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

Spline Mount

A = Asian

EU = European

US = United States

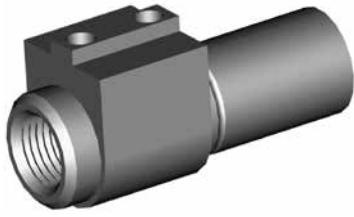
UNI = Universal

V = Various

# METRIC FEMALE FITTINGS – BRACKET MOUNT

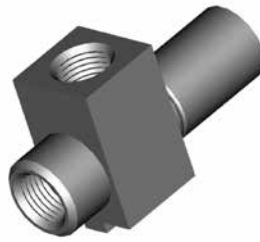
Bracket Mount

## 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



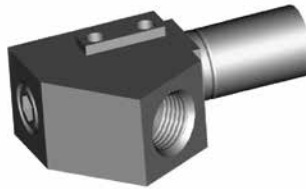
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1-(2)	DPS	Bracket	-	54mm	US

## 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

## 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

## 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

A = Asian

EU = European

US = United States

UNI = Universal

V = Various



# METRIC FEMALE FITTINGS – BRACKET MOUNT

## 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

## HFMF379



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

## HFMF380



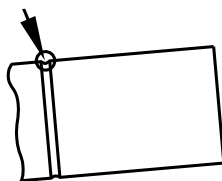
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Bracket	17mm	148mm	A

Bracket Mount

### 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.



## 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

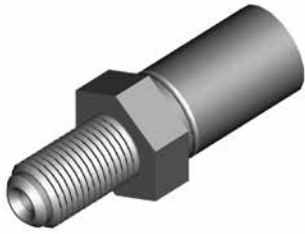
V = Various



# METRIC MALE FITTINGS – STANDARD MOUNT

Standard Mount

## HFMM01



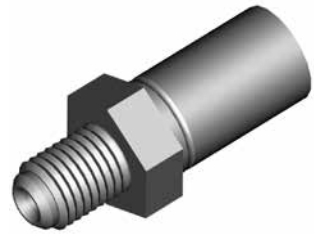
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	17mm	16mm	45mm	A

## HFMM03



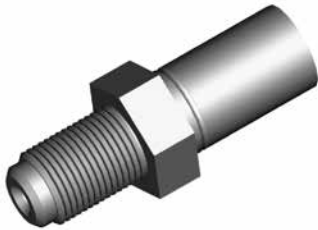
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	14mm	14mm	43mm	V

## HFMM04



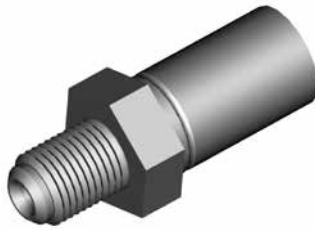
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1.25	13mm	16mm	41mm	A

## 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



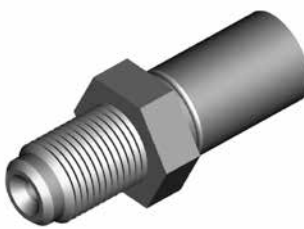
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	17mm	17mm	78mm	A

## HFMM13



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

## HFMM17



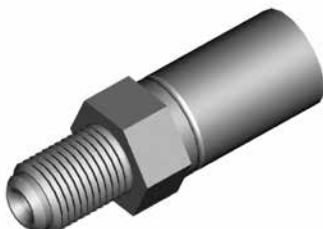
THREAD	THREAD LENGTH	HEX	OAL	FITS
M12 x 1.25	17mm	17mm	45mm	EU

## 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

A = Asian

EU = European

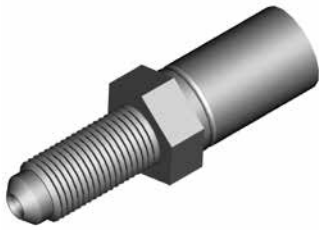
US = United States

UNI = Universal

V = Various

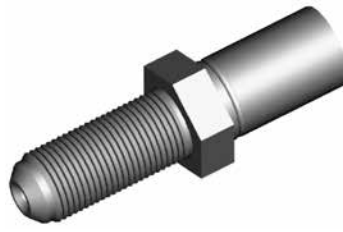
# METRIC MALE FITTINGS – BULKHEAD OR CLIP MOUNT

## 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



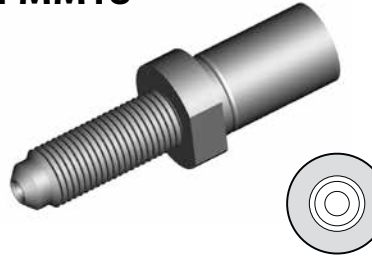
THREAD	THREAD LENGTH	HEX	OAL	FITS
M12 x 1.5	33mm	17mm	61mm	A

## 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



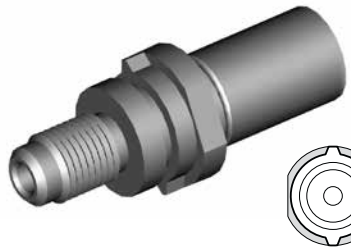
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1.25	24mm	14mm	76mm	EU

## HFMM12



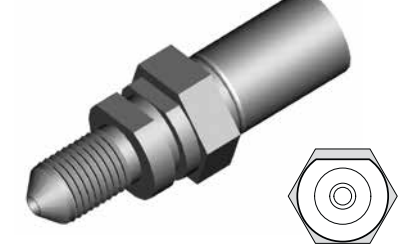
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	15mm	17mm	50mm	V

## 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

A = Asian

EU = European

US = United States

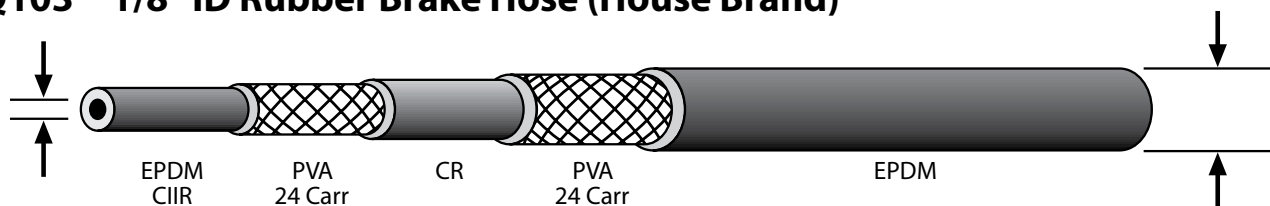
UNI = Universal

V = Various

# Rubber Brake Hose

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

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

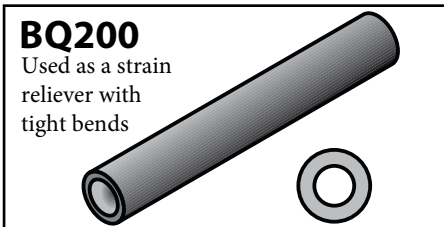


Hose ID: .130" - .138"  
(3.3mm - 3.5mm)

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

**Product details for BQ101 / BQ103:**

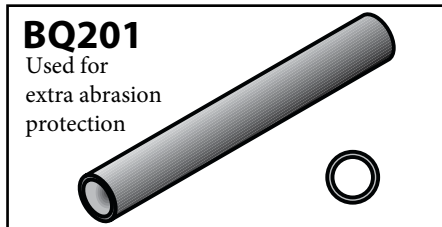
- Two-braid PVA-reinforced hose
- Meets FMVSS-106 and SAE J1401 specifications
- Temperature range -50°C to 121°C
- Compatible with DOT 3, DOT 4 and most non-petroleum based brake fluids, including silicone
- Excellent moisture resistance
- Superior weather-resistant cover material



**BQ200**

Used as a strain reliever with tight bends

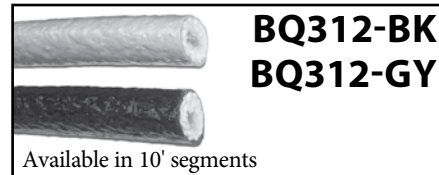
**Insulating Hose Thick**  
(10ft Length)



**BQ201**

Used for extra abrasion protection

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

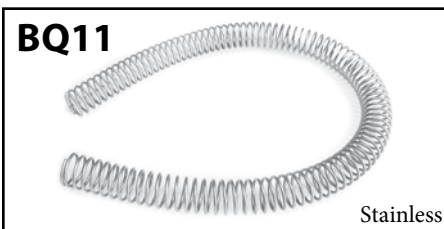


**BQ312-BK**  
**BQ312-GY**

Available in 10' segments

**Heat Protection Sleeve**

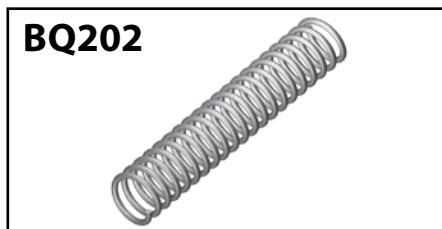
Attractive brake hose cover to protect the hose from hot components. Simply slide over hose before crimping end fittings.



**BQ11**

Stainless

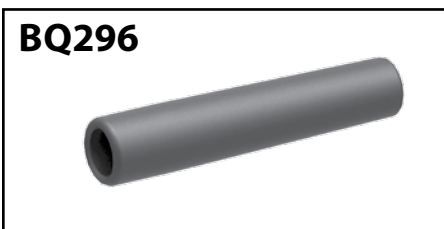
**Hose Protector Spring**  
(16" Length — Pack of 6)



**BQ202**

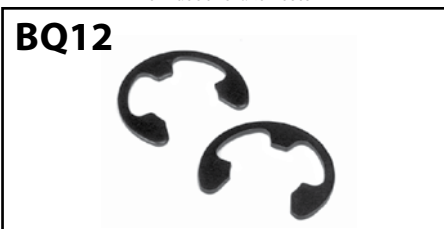
**Plastic Protector Spring**  
(19.5" Length)

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



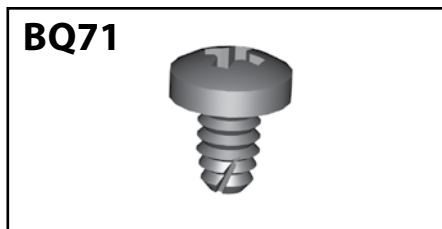
**BQ296**

**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 – CLIP MOUNT

**HFC01**



MATERIAL	WIDTH	OAL	FITS
Steel	17mm	33mm	A

**HFC02**



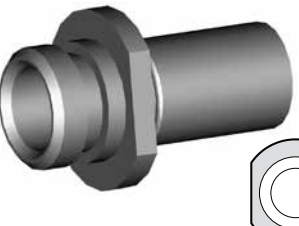
MATERIAL	WIDTH	OAL	FITS
Steel	17mm	34mm	A

**HFC06**



MATERIAL	WIDTH	OAL	FITS
Steel	17mm	34mm	A

**HFC07**



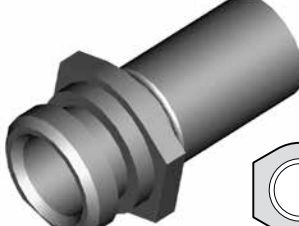
MATERIAL	WIDTH	OAL	FITS
Steel	19mm	35mm	A

**HFC09**



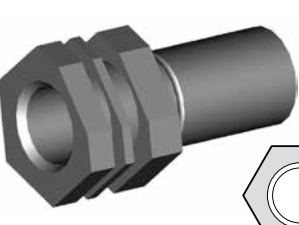
MATERIAL	WIDTH	OAL	FITS
Steel	17mm	34mm	A

**HFC10**



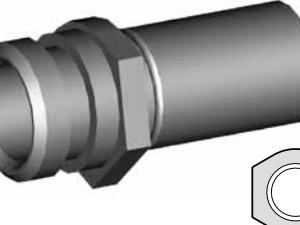
MATERIAL	WIDTH	OAL	FITS
Steel	19mm	35mm	A

**HFC11**



MATERIAL	WIDTH	OAL	FITS
Steel	19mm	37mm	A

**HFC12**



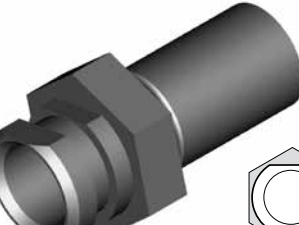
MATERIAL	WIDTH	OAL	FITS
Steel	17mm	35mm	A

**HFC13**



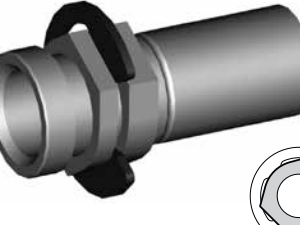
MATERIAL	WIDTH	OAL	FITS
Steel	17mm	33mm	A

**HFC15**



MATERIAL	WIDTH	OAL	FITS
Steel	19mm	37mm	A

**HFC17**



MATERIAL	WIDTH	OAL	FITS
Steel	16mm	37mm	US

**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

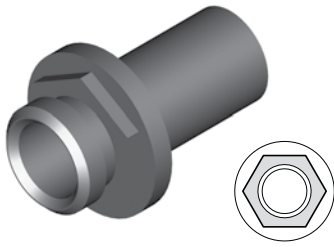
Clip Mount

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

# CENTER SUPPORT FITTINGS – CLIP MOUNT

Clip Mount

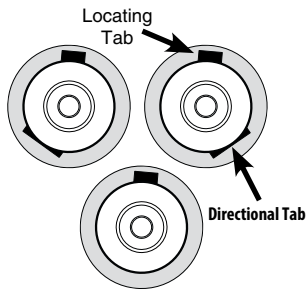
**HFC331**



MATERIAL	WIDTH	OAL	FITS
Steel	33mm	34mm	A

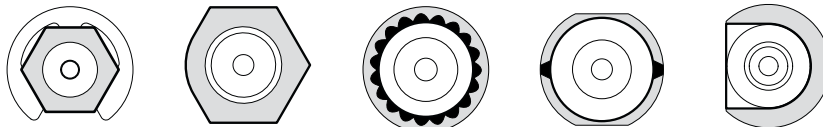
## DID YOU KNOW?

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.



## 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



# CENTER SUPPORT FITTINGS – BRACKET MOUNT

## 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

## 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

## 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

Bracket Mount

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# CENTER SUPPORT FITTINGS – BRACKET MOUNT

Bracket Mount

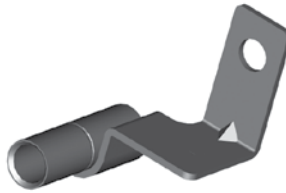
**HFC326**



Right

MATERIAL	WIDTH	OAL	FITS
Steel	45mm	48mm	A

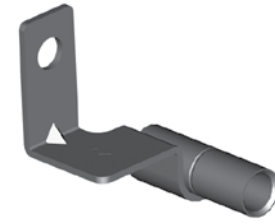
**HFC328**



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

**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

**HFC349**



Left

MATERIAL	WIDTH	OAL	FITS
Steel	67mm	25mm	EU

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# CENTER SUPPORT FITTINGS – BRACKET MOUNT

**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

**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

Bracket Mount

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# BRACKETS

Fitting Brackets

**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

**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

**BQB27**




LOCATION	HOLE	FITS
Left	7mm	US

**BQB29**



LOCATION	HOLE	FITS
Either	9.6mm	US

**BQB30**



LOCATION	HOLE	FITS
Rear	10.4mm	US

A = Asian

EU = European

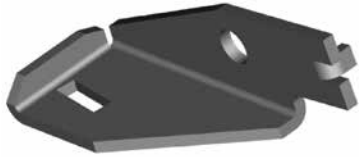
US = United States

UNI = Universal

V = Various

# BRACKETS

**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

**BQB89**



LOCATION	HOLE	FITS
Either	10.4mm	US

**BQB90**



LOCATION	HOLE	FITS
Left	9.0mm	US

**BQB91**



LOCATION	HOLE	FITS
Right	9.0mm	US

Fitting Brackets

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# BRACKETS

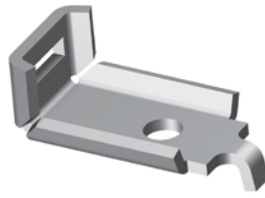
Fitting Brackets

**BQB94**



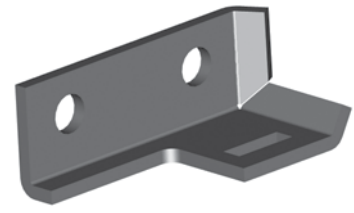
LOCATION	HOLE	FITS
Right	9.0mm	US

**BQB105**



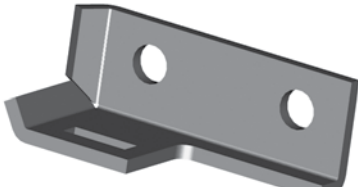
LOCATION	HOLE	FITS
Either	9mm	US

**BQB111**



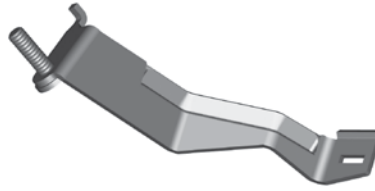
LOCATION	HOLE	FITS
Left	8.8mm	US

**BQB112**



LOCATION	HOLE	FITS
Right	8.8mm	US

**BQB115**



LOCATION	HOLE	FITS
Either	3/8 x 16UNC	US

**BQB118**



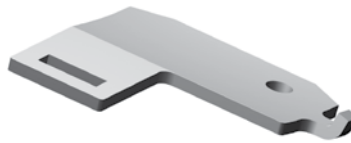
LOCATION	HOLE	FITS
Either	12mm	US

**BQB120**



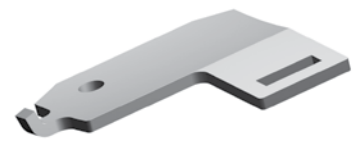
LOCATION	HOLE	FITS
Right	9mm	US

**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

**BQB185**



LOCATION	HOLE	FITS
Right	16.3mm	US

**BQB186**



LOCATION	HOLE	FITS
Left	16.3mm	US

**BQB312**



LOCATION	HOLE	FITS
Left	6.3mm	US

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BRACKETS

**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

Fitting Brackets

# BRACKETS

Center 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**



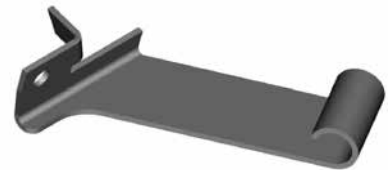
LOCATION	HOLE	FITS
Right	9mm	US

**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

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EU = European

US = United States

UNI = Universal

V = Various

# 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

**BQB49**



LOCATION	HOLE	FITS
Right	6.4mm	US

**BQB51**



LOCATION	HOLE	FITS
Left	9mm	US

**BQB52**



LOCATION	HOLE	FITS
Right	9mm	US

**BQB69**



M8 x 1.25

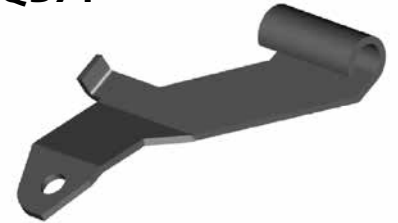
LOCATION	HOLE	FITS
Either	M8 x 1.25	US

**BQB70**



LOCATION	HOLE	FITS
Left	9.2mm	US

**BQB71**



LOCATION	HOLE	FITS
Right	9.2mm	US

**BQB72**



LOCATION	HOLE	FITS
Left	7mm	US

**BQB73**



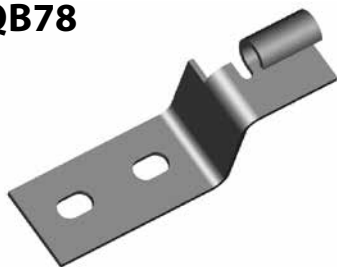
LOCATION	HOLE	FITS
Right	7mm	US

**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

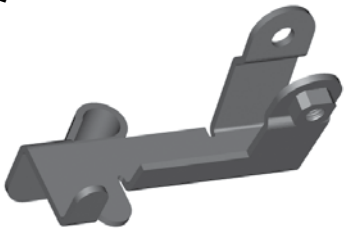
Center Brackets

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# BRACKETS

Center Brackets

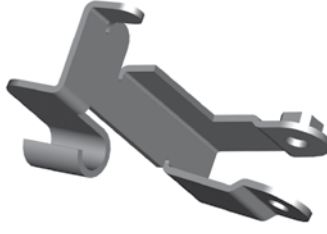
**BQB92**



M6 x 1

LOCATION	HOLE	FITS
Left	M6 x 1	US

**BQB93**



M6 x 1

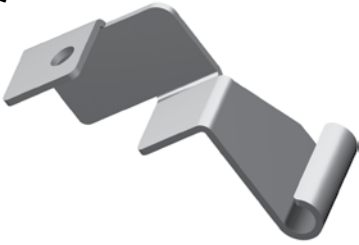
LOCATION	HOLE	FITS
Right	M6 x 1	US

**BQB98**



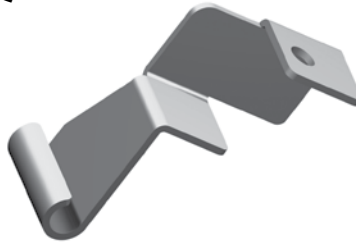
LOCATION	HOLE	FITS
Right	9mm	US

**BQB100**



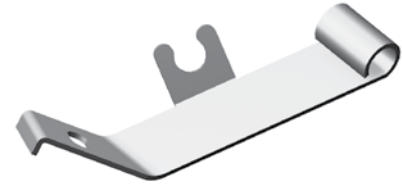
LOCATION	HOLE	FITS
Left	9mm	US

**BQB101**



LOCATION	HOLE	FITS
Right	9mm	US

**BQB109**



LOCATION	HOLE	FITS
Left	7mm	US

**BQB110**



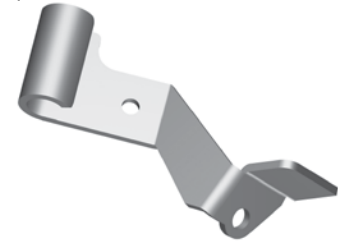
LOCATION	HOLE	FITS
Right	7mm	US

**BQB141**



LOCATION	HOLE	FITS
Left	9mm	US

**BQB162**



LOCATION	HOLE	FITS
Right	6.3mm	US

**BQB163**



LOCATION	HOLE	FITS
Left	6.3mm	US

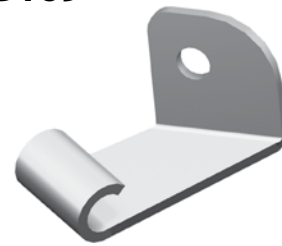
**BQB168**



M6 x 1

LOCATION	HOLE	FITS
Either	M6 x 1	US

**BQB169**



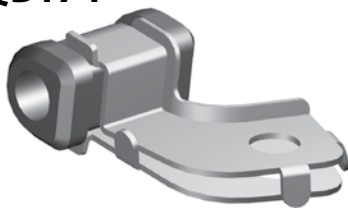
LOCATION	HOLE	FITS
Either	9mm	US

**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

A = Asian

EU = European

US = United States

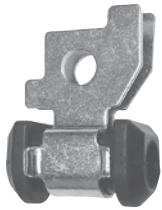
UNI = Universal

V = Various



# BRACKETS

**BQB221**



Includes Grommet

LOCATION	HOLE	FITS
Either	9mm	A

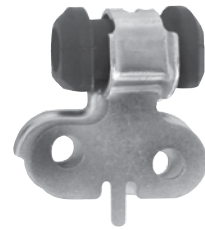
**BQB222**



Includes Grommet

LOCATION	HOLE	FITS
Right	9mm	A

**BQB223**



Includes Grommet

LOCATION	HOLE	FITS
Left	9mm	A

Center Brackets

**BQB224**



Includes Grommet

LOCATION	HOLE	FITS
Right	9mm	A

**BQB225**



Includes Grommet

LOCATION	HOLE	FITS
Left	9mm	A

**BQB06**



Universal

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# BRAKE HOSE GROMMETS

**BQ203**



DIAMETER	OAL	FITS
16mm	104mm	V

**BQ210**



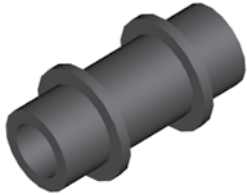
DIAMETER	OAL	FITS
30mm	10mm	EU

**BQ211**



DIAMETER	OAL	FITS
18mm	25mm	V

**BQ212**



DIAMETER	OAL	FITS
22mm	41mm	V

**BQ213**



DIAMETER	OAL	FITS
30mm	32mm	A

**BQ215**



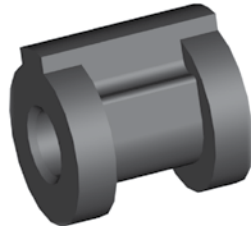
DIAMETER	OAL	FITS
25mm	22mm	A

**BQ216**



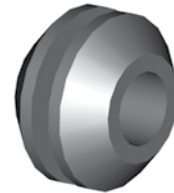
DIAMETER	OAL	FITS
28mm	32mm	EU

**BQ217**



DIAMETER	OAL	FITS
28mm	29mm	EU

**BQ218**



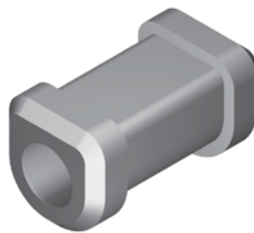
DIAMETER	OAL	FITS
25mm	16mm	EU

**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

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

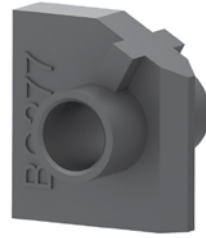
# BRAKE HOSE GROMMETS

**BQ276**



DIAMETER	OAL	FITS
18.4mm	10mm	EU

**BQ277**



DIAMETER	OAL	FITS
31mm	28mm	EU

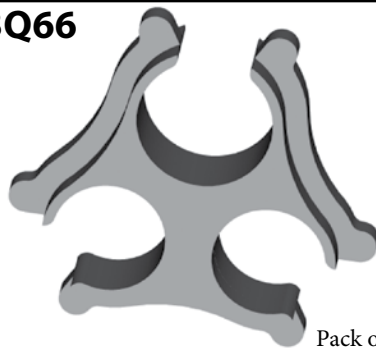
# BRAKE HOSE PLASTIC CLIPS

**BQ65**



Pack of 6

**BQ66**



Pack of 6

**BQ67**



Pack of 6

**BQ68**



Pack of 6

**BQ69**



Pack of 6

**BQ70**



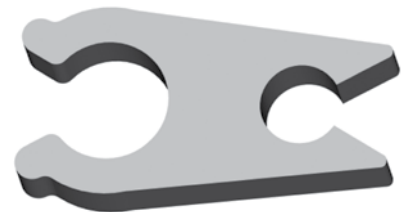
Pack of 6

**BQ97**



Pack of 6

**BQ98**



Pack of 6

A = Asian

EU = European


US = United States

UNI = Universal

V = Various

# Stainless Steel Braided Brake Hose

## High Performance



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

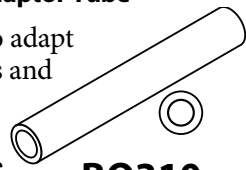
PART NO.	NOM. SIZE (ID)	JACKET COLOR
BQ301	1/8"	No Jacket
BQ302BK	1/8"	Solid Black
BQ303	1/8"	Translucent
BQ303BK	1/8"	Translucent Black
BQ303BL	1/8"	Blue
BQ303RD	1/8"	Red

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.

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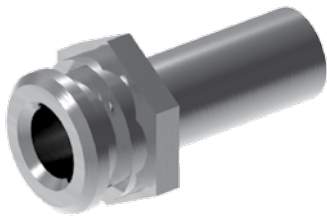
**BQ611**

**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**



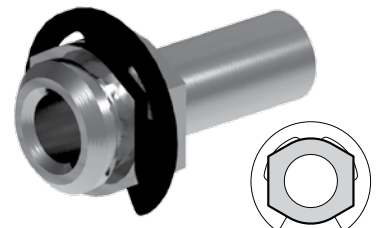
WIDTH/HEX	LENGTH	MOUNT	FITS
17mm	33mm	Clip	V

**LPC05**



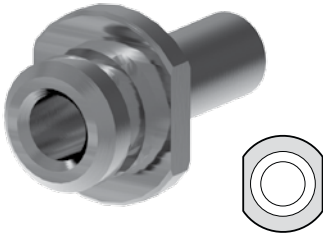
WIDTH/HEX	LENGTH	MOUNT	FITS
20mm	29mm	Bracket	A

**LPC06**



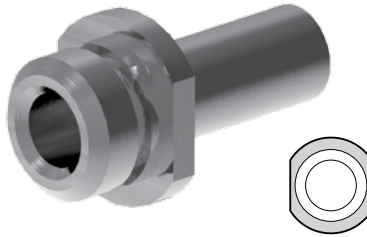
WIDTH/HEX	LENGTH	MOUNT	FITS
17mm	34mm	Clip	A

**LPC07**



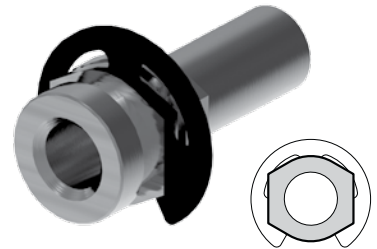
WIDTH/HEX	LENGTH	MOUNT	FITS
19mm	36mm	Clip	V

**LPC09**



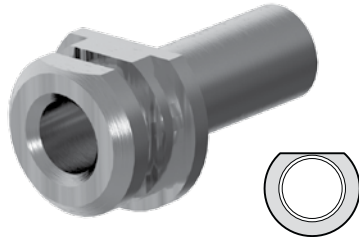
WIDTH/HEX	LENGTH	MOUNT	FITS
17mm	34mm	Clip	A

**LPC17**



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

**LPC301**



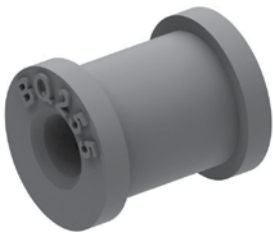
WIDTH/HEX	LENGTH	MOUNT	FITS
20mm	33mm	Clip	EU

**LPC331**



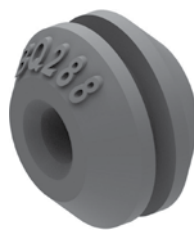
WIDTH/HEX	LENGTH	MOUNT	FITS
20mm	35mm	Clip	A

**BQ255**



DIAMETER	OAL	FITS
18mm	22mm	V

**BQ288**



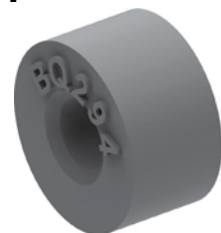
DIAMETER	OAL	FITS
25mm	17mm	V

**BQ289**



DIAMETER	OAL	FITS
19	34mm	A

**BQ294**



DIAMETER	OAL	FITS
19mm	10mm	EU

A = Asian

EU = European

US = United States

UNI = Universal

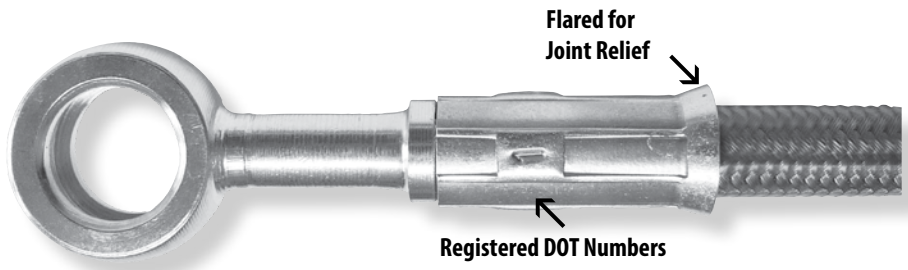
V = Various



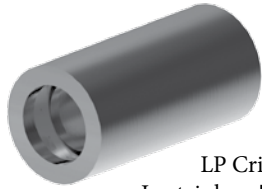
**REAL DOT Conformance with the Extreme Look**



**“Mix and Match System”**  
allows you to consolidate your inventory



**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

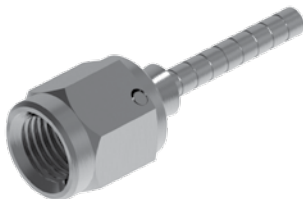
**LP06-7**



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

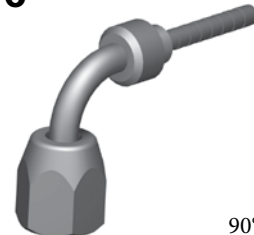
**LP10W-6**



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

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

# LOW PROFILE FITTINGS – GENERAL

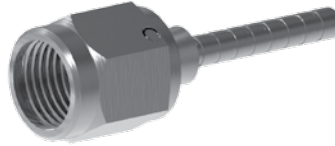
## LP11W-6



90° Swivel  
In chrome: LP11W-6C

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

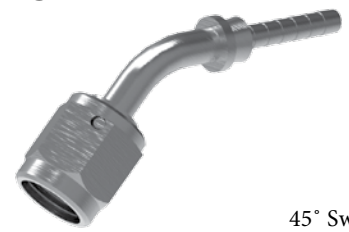
## LP12W-7



Swivel  
In chrome: LP12W-7C

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

## 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

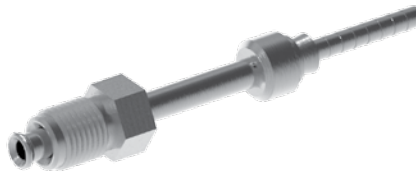
## LP33-6



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

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

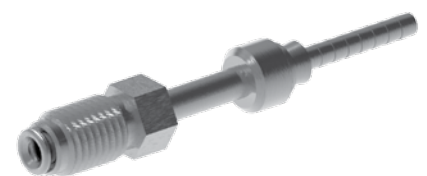
## LP127



Male Swivel

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

## 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 – BANJO

Banjo

## 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

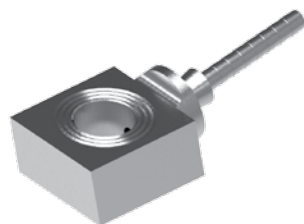
## LPB09SW-10M



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

## 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

## LPB455-10M



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

A = Asian

EU = European

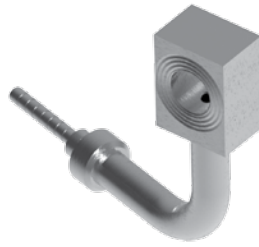
US = United States

UNI = Universal

V = Various

# LOW PROFILE FITTINGS – BANJO AND IMPERIAL

**LPB493-10M**



Left

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

**LPB494-10M**

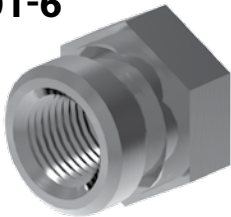


Right

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

Banjo

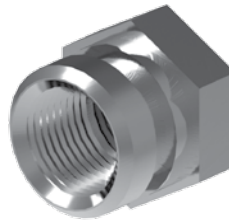
**LPIF01-6**



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

**LPIF126-6**

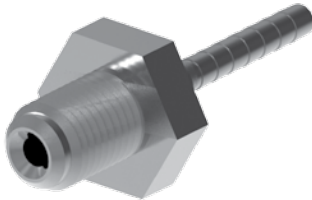


In chrome: LPIF126-6C

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

Imperial Female

**LPIM01-6**



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

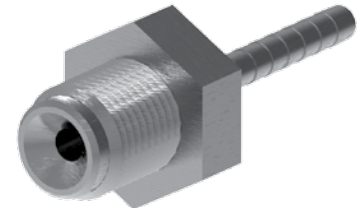
**LPIM02-6**



In stainless: LPIM02-6SS

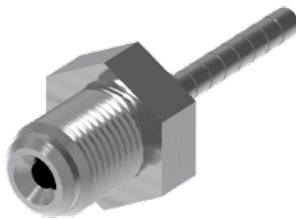
THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	24mm	16mm	-	V

**LPIM03-7**



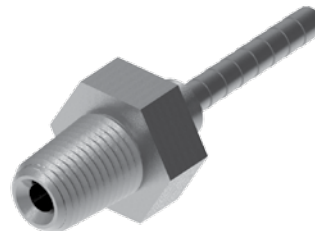
THREAD	THREAD LENGTH	HEX	OAL	FITS
7/16" x 20NF	12mm	16mm	-	V

**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**

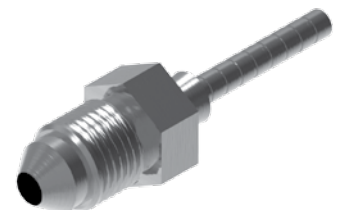


No. 3 JIC

THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	8mm	11mm	46mm	V

Imperial Male

**LPIM29-7**



No. 4 JIC

THREAD	THREAD LENGTH	HEX	OAL	FITS
7/16" x 20NF	8mm	13mm	47mm	V

A = Asian

EU = European

US = United States

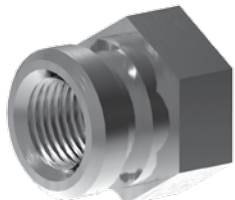
UNI = Universal

V = Various

# LOW PROFILE FITTINGS – METRIC AND MISCELLANEOUS

Metric Female

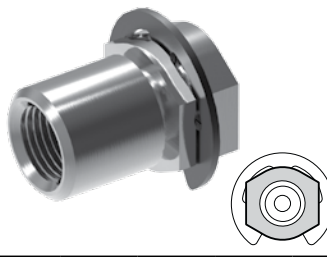
## LPMF01-M10X1



In stainless: LPMF01-M10X1SS  
In chrome: LPMF01-M10X1C

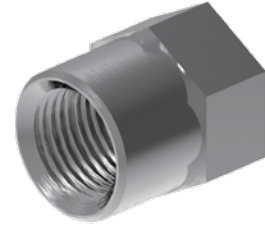
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	-	Clip	17mm	-	V

## LPMF02-M10X1



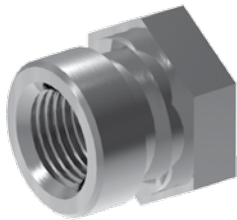
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	-	Clip	17mm	-	A

## LPMF05-M10X1



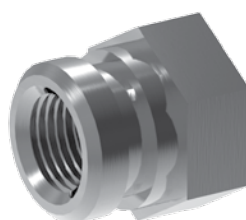
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	-	Clip	14mm	-	EU

## LPMF08-M10X1



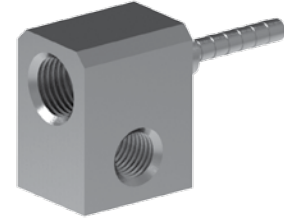
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	-	Clip	17mm	-	V

## LPMF09-M10X1.25



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

## LPMF322-M10X1

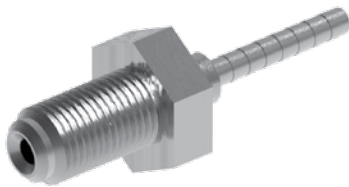


Mounting hole thread: M8 x 1.25

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1	Inverted	Bolt	-	-	A

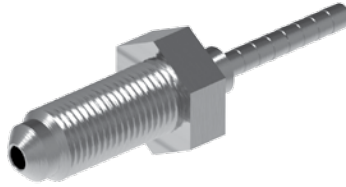
Metric Male

## LPMM01-M10X1



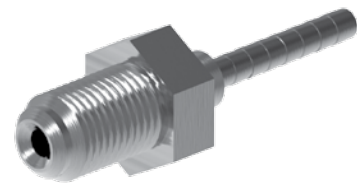
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	17mm	16mm	-	A

## LPMM02-M10X1



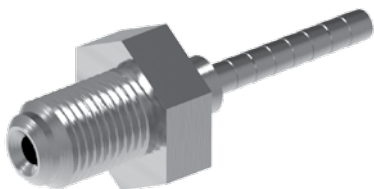
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	23mm	15mm	-	V

## LPMM03-M10X1



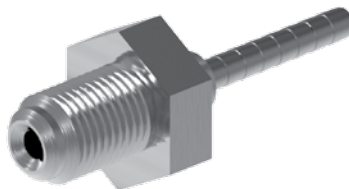
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	14mm	14mm	-	V

## LPMM04-M10X1.25



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

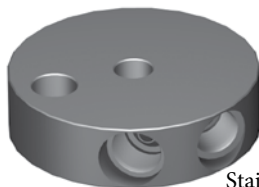
## LP124



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 – SEAT STEMS AND TUBE NUTS

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



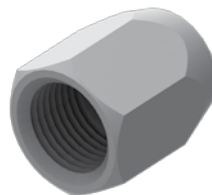
SEAT	SEAT ANGLE	COLOR
Dual	37°	Black

## LPS-T-SAE



SEAT	SEAT ANGLE	COLOR
Dual	45°	Gold

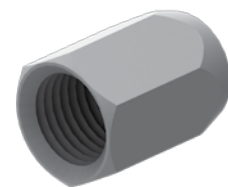
## BQ9150



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



**BQ330**

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 +135°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



**BQ331**

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 J1019 standards.

## Power Steering Accessories

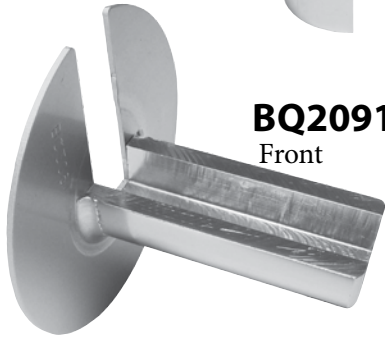
**BQ1026**

Rear



**BQ2091**

Front



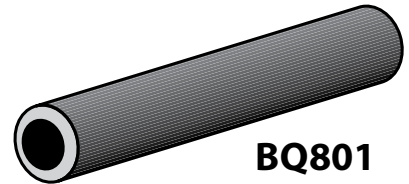
**Crimp Setting Tools**

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-Techmaxflex
- O + P
- Parker
- UNIFLEX
- Weatherhead
- XRP

Contact your BrakeQuip sales rep for pricing and availability.



**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"

# POWER STEERING PROGRAM

## PSHF100



Slide over hose and lightly crimp

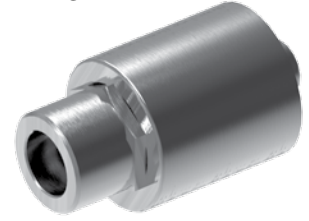
DESCRIPTION	SIZE	OAL
Center Support for Hose Clamp	-	27mm

## 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



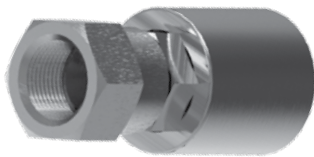
DESCRIPTION	SIZE	OAL
Compression Fitting	10mm	65mm

## 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

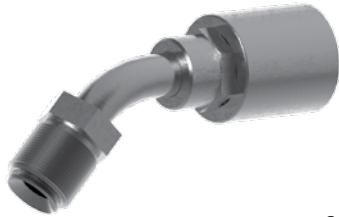
## PSHF122



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

## PSHFB130



DESCRIPTION	HOLE	THICKNESS
Banjo Fitting	14mm	17.3mm

## PSHFB132



DESCRIPTION	HOLE	THICKNESS	ANGLE
Banjo Fitting	14mm	17.3mm	45°

## PSHF133

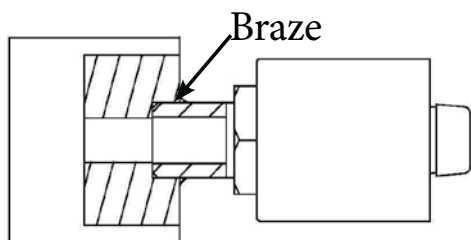


DESCRIPTION	SIZE	OAL
Tube Lifesaver	3/8"	500mm

# Power Steering Hose Fabrication Instructions

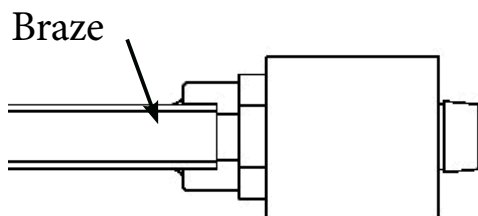
## Fitting Selection

**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.



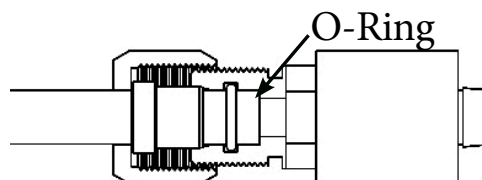
**Female Lifesavers – PSHF101 (3/8") and PSHF102 (10mm)** – designed for when you don't have enough room to use a compression fitting. These fittings are already countersunk. It is just a matter of cutting the existing tube at the maximum length possible and installing it into the appropriately selected fitting and brazing the tube to the fitting.

**IMPORTANT:** The brazing process must take place before crimping the fitting.



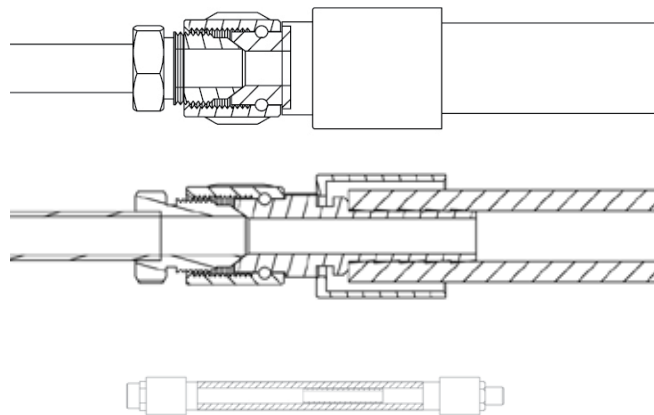
Note: It is important that only high pressure silver brazing rods be used. The silver content of the brazing rod must be at least 45%.

**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.

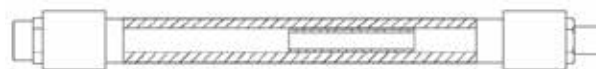


**Note:** It is important that the cut tube is deburred with a slight outside chamfer so that it doesn't damage the sealing O-Ring. Make sure that the tube goes past the O-Ring and bottoms out at the bottom of the fitting.

**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.



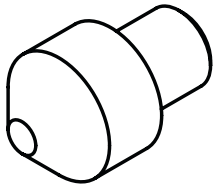
**Restrictor Tube - BQ801** - This is used only where applicable. Insert restrictor tube into hose before installing last end fitting. This special high temperature tube will "float" in the hose and restrict flow to reduce noise.





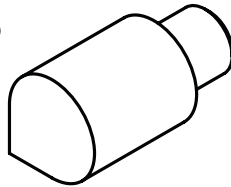
**Test Cones**

**BQ21**



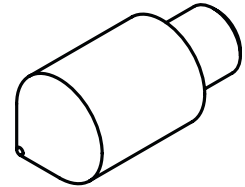
BQ21 Test Cone is designed as an aid for testing banjo fittings.

**BQ206**

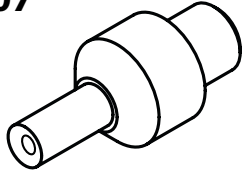


BQ206 and BQ206H are universal Test Cones for doing most general applications.

**BQ206H**

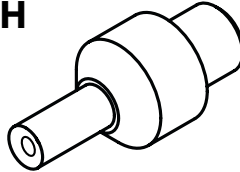


**BQ207**

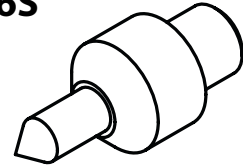


BQ207 and BQ207H Test Cones are designed for testing female fittings with inverted seats.

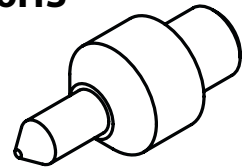
**BQ207H**



**BQ206S**

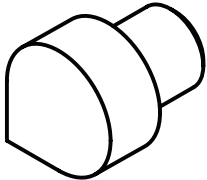


**BQ206HS**



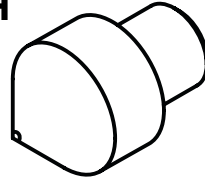
BQ206S and BQ206HS Test Cones are designed for testing female swivel fittings and female fittings with a drill point seat (DPS).

**BQ208**



BQ208 and BQ208H Test Cone are designed for testing extra long fittings.

**BQ208H**



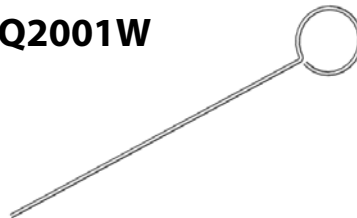
**System Aids**

**BQ23**



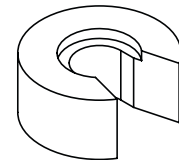
**Fitting Test Spade**

**BQ2001W**



**Constriction Gauge**

**BQ1021A**



**Rear Crimp Setting Tool**

**BQ2008**



**Pro System Crimp Setting Tool**

**BQ2010**



**Countersink Drill Bit**

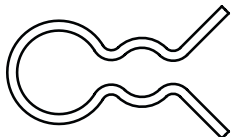
Special

**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.

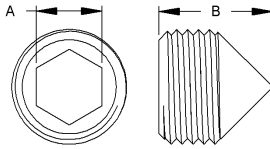
**FEATURES:**

- Zinc plated for corrosion resistance
- Imperial & Metric Threads

Assortment kit available.

To order see Part No.

**BQ7012.**



PART NO.	DESCRIPTION	THREAD	A	B
BQ18	Male Plug	M10 x 1	5mm	10mm
BQ19	Male Plug	3/8" x 24NF	3/16"	10mm
BQ26	Male Plug	7/16" x 24NS	1/4"	11mm
BQ160	Female Plug	3/8" x 24NF	1/2"	15mm
BQ161	Female Plug	7/16" x 24NS	9/16"	15mm
BQ162	Female Plug	7/16" x 20NF	9/16"	15mm
BQ163	Female Plug	1/2" x 20NF	16mm	16mm
BQ164	Female Plug	M10 x 1	13mm	15mm
BQ165	Female Plug	M10 x 1.25	13mm	15mm
BQ166	Female Plug	M12 x 1	16mm	16mm
BQ167	Female Plug	M12 x 1.5	16mm	16mm

**BQ22A**



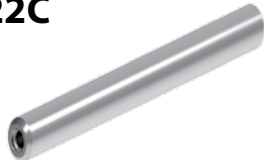
Banjo Bending Bar for HFB fittings  
Use in conjunction with BQ22B

**BQ22B**



Banjo Holder

**BQ22C**



Banjo Bending Bar for LPB fittings  
Use in conjunction with BQ22B

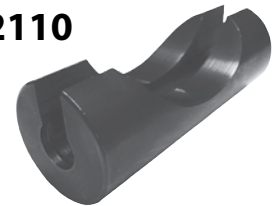
**BQ35**



**Calibration Tool**

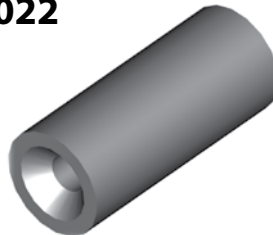
Please call for instruction if Potentiometer is out of adjustment. For BQ1005 series machine.

**BQ2110**



Crimp Setting Tool - LP

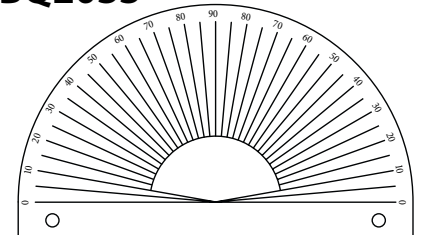
**BQ1022**



**Fitting Pressure Test Adaptor**

Ideal for pre-testing reworked fittings.

**BQ2033**



**Angle Gauge**

Can be bench mounted. Ideal for aligning tubes and fittings.



**BQ1150**  
Grease Gun

**BQ1415**  
Grease Gun Adaptor

This grease gun setup is designed for lubricating the BQ1005 series machine.

**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

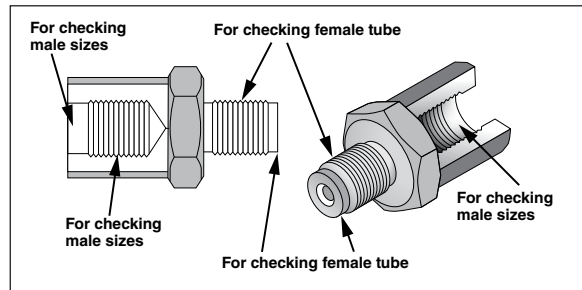
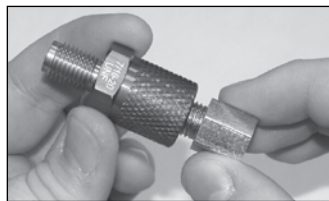
The two sizes most confused because they are so close in dimension are:

- 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

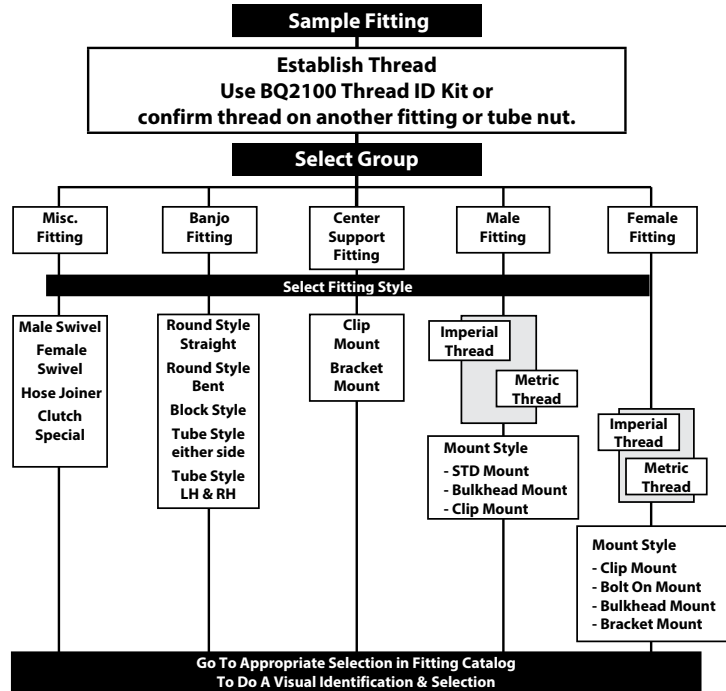
# Identify Fittings in 60 Seconds or Less

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.



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				Female Swivel Nut 3/8NF (45°)
HF11	HF11SS	LP11-6				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				Female Swivel Nut 7/16NF (90°)
HF15	HF15SS					Male Swivel Nut 7/16"x24NS
HF16	HF16SS	LP16-6				Male Swivel Nut 3/8"x24NF
HF17	HF17SS	LP17-6				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				Male Swivel Nut 3/8"x24NF (45°)
HF34		LP34-M10X1				Male Swivel Nut M10x1
HF45SS		LP45-6				Harley Davidson (Stainless)
HF82		LP82-M10X1				Male Swivel Nut M10x1 DIN Flare
HFB01		LPB01-10M	LPB01-10MSS			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)
HFB37	HFB37SS					Banjo 10 x 10mm (Extra long Neck)
HFB47	HFB47SS	LPB47-12M				Banjo 12 x 10mm
HFB448		LPB448-7	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)
HFC301		LPC301				Center Support
HFC331		LPC331				Center Support
HFIF01	HFIF01SS		LPIF01-6SS		LPS-SI-SAE with LPIF01-6	Female 3/8" x 24NF (19mm Hex) (Alt HFIF36)
HFIF02	HFIF02SS					Female 7/16" x 24NS (Alt HFIF24)
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					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-M10X12S				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

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BQB115	66
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Brochures and Catalogs



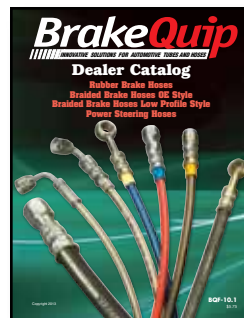
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Hoses Made to Order  
Flyer



**BQM214**  
Braided Stainless  
Flyer



**BQM282**  
EziBend  
Information Booklet



**BQF-CAT**  
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**BQAP-CAT**  
Automotive  
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