

INTRODUCING

The New Generation of Stainless Braided Brake Hoses

Exceeds the latest DOT standards backed up by independent laboratory test reports.

Now suitable for racing applications.

Easier to assemble.

More color options. Choose up to 32 different color combinations.



Materials Technology																																								
PROJECT NUMBER: BRA089-07-17-07108	PAGE: 2 of 8	DATE: July 29, 2009																																						
INTRODUCTION: This report presents the results of tests performed on, 1/8" (3.2mm) Hydraulic Brake Hose Assemblies. These tests were conducted in accordance with the test requirements of the Federal Motor Vehicle Safety Standard No. 106 (10-1-08 edition). This work was requested by Fred Anderson of BrakeQuip Corporation. The samples were received on July 17 th , 2009, with the work conducted from July 17 th , 2009, through July 22 nd , 2009.																																								
SAMPLE DESCRIPTION: Fifty (50) hose assemblies, assembled with 10m x 1 female fittings were submitted for testing.																																								
TEST RESULTS SUMMARY: The following are results of testing conducted on the above referenced hydraulic brake hose assemblies in accordance with the test requirements of FMVSS No. 106.																																								
TESTS	REMARKS																																							
Construction	Complies																																						
Labeling	Complies																																						
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<table border="0"><tr><td></td><td>Original (Unsoaked Hose)</td><td>Water Absorption (Heat Soak)</td></tr><tr><td>Vehametric Expansion - Low</td><td>.....</td><td>Complies</td></tr><tr><td>Burst Strength</td><td>.....</td><td>Complies</td></tr><tr><td>Whip Resistance</td><td>.....</td><td>Complies</td></tr><tr><td>Tensile Strength (Slow Pull)</td><td>.....</td><td>Complies</td></tr><tr><td>Tensile Strength (Fast Pull)</td><td>.....</td><td>Complies</td></tr><tr><td>Low Temperature Resistance (Cold Bend)</td><td>.....</td><td>Complies</td></tr><tr><td>End Fitting Corrosion Resistance (Salt Spray)</td><td>.....</td><td>Complies</td></tr><tr><td>Ozone Resistance</td><td>.....</td><td>Complies</td></tr><tr><td>Brake Fluid Compatibility</td><td>.....</td><td>Complies</td></tr><tr><td>Hot Impulse</td><td>.....</td><td>Complies</td></tr><tr><td>Dynamic Ozone Resistance</td><td>.....</td><td>Complies</td></tr></table>				Original (Unsoaked Hose)	Water Absorption (Heat Soak)	Vehametric Expansion - Low	Complies	Burst Strength	Complies	Whip Resistance	Complies	Tensile Strength (Slow Pull)	Complies	Tensile Strength (Fast Pull)	Complies	Low Temperature Resistance (Cold Bend)	Complies	End Fitting Corrosion Resistance (Salt Spray)	Complies	Ozone Resistance	Complies	Brake Fluid Compatibility	Complies	Hot Impulse	Complies	Dynamic Ozone Resistance	Complies		
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Dynamic Ozone Resistance	Complies																																						



BrakeQuip
INNOVATIVE SOLUTIONS FOR AUTOMOTIVE PLUMBING

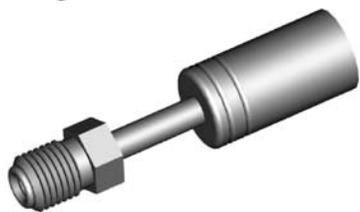
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MISCELLANEOUS HOSE FITTINGS

Male Swivel - 3/8" x 24NF

HF16



Swivel

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



Swivel 90°

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

HF33



Swivel 45°

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

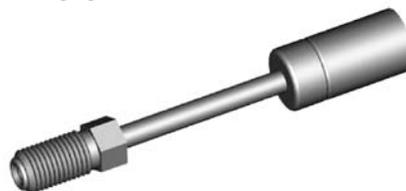
HF54



Swivel

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

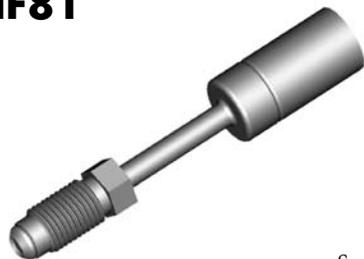
HF63



Swivel

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

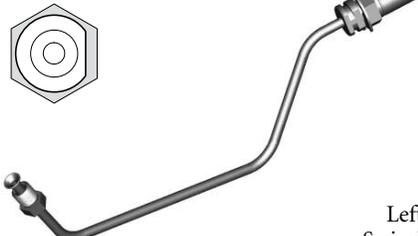
HF81



Swivel

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

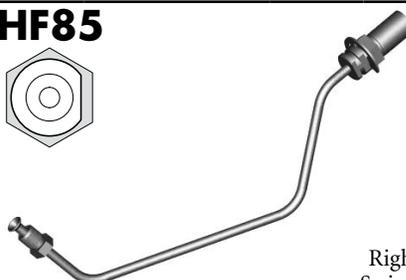
HF84



Left Swivel

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

HF85

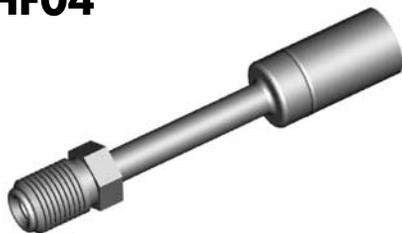


Right Swivel

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

Male Swivel - 7/16" x 24NS

HF04



Swivel

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

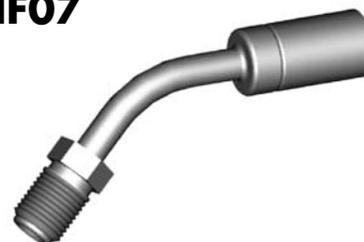
HF06



Swivel 90°

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

HF07



Swivel 45°

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

HF15



Swivel

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

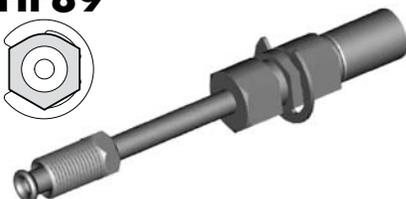
HF39



Swivel

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

HF89



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
7/16" x 24NS	Double	1/4"	120mm	US

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

MISCELLANEOUS HOSE FITTINGS

HF94

Swivel 60°

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

HF97

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

Swivel 90°

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

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

Swivel 90°

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

HF92

Swivel 90°

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

Swivel 90°

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

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

HF52

Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M10 x 1	DIN	3/16"	57mm	US

Male Swivel - 7/16" x 24NS

Male Swivel - 1/2" and 9/16" NF

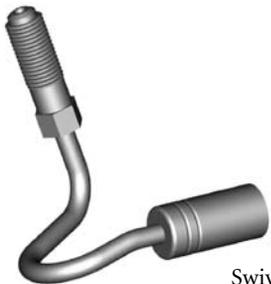
Male Swivel - Metric

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

MISCELLANEOUS HOSE FITTINGS

Male Swivel - Metric

HF53



Swivel

THREAD	FLARE	TUBE SIZE	OAL	FITS
M10 x 1	DIN	3/16"	57mm	US

HF77



Swivel

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

HF82



Swivel

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

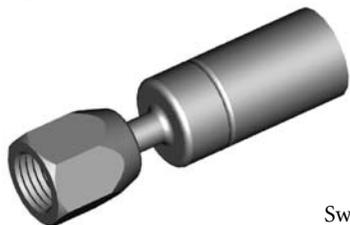
HF99



Swivel 95°

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

HF09



Swivel
No. 3 JIC

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

HF09W



Swivel
No. 3 JIC

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

HF10

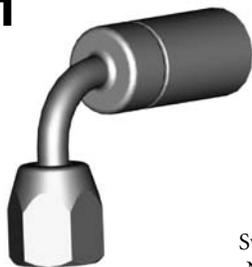


Swivel 45°
No. 3 JIC

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

Female Swivel

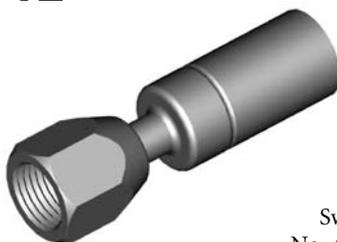
HF11



Swivel 90°
No. 3 JIC

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

HF12



Swivel
No. 4 JIC

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

HF13



Swivel 45°
No. 4 JIC

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

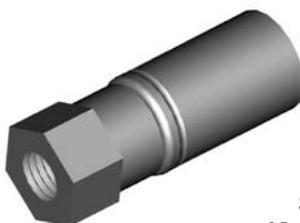
HF14



Swivel 90°
No. 4 JIC

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

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

MISCELLANEOUS HOSE FITTINGS

HF110



Swivel
O-Ring Included

THREAD	FLARE	TUBE SIZE	OAL	FITS
M14 x 1.5	24°	-	45mm	V

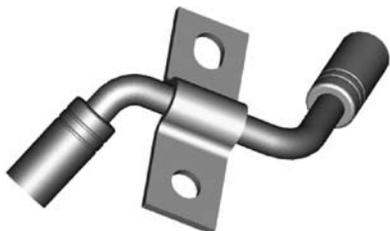
HF111



Swivel
O-Ring Included

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

HF37



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

HF38



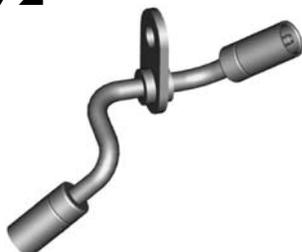
THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	8mm	86mm	A

HF71



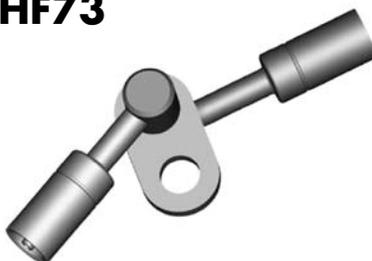
THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	7mm	130mm	A

HF72



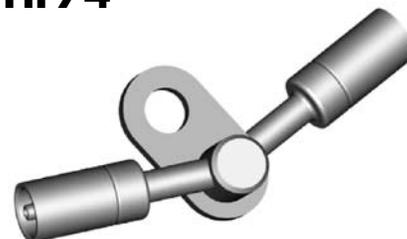
THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	7mm	130mm	A

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

HF301



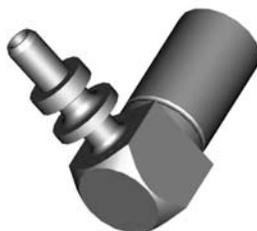
THREAD	FLARE	TUBE SIZE	OAL	FITS
-	-	8mm	190mm	US

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

Specials

Center Joiner

Clutch Special

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

MISCELLANEOUS HOSE FITTINGS

Clutch Special

HF114



O-Ring Included

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

HF125



O-Ring Included

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

Compression

HF30



For 3/16" Tube

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

HF31



For 1/4" Tube

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

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

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

BANJO FITTINGS

HFB01



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

HFB02



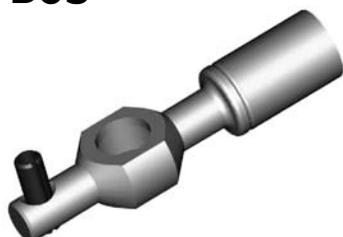
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	-	64mm	A

HFB03



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

HFB05



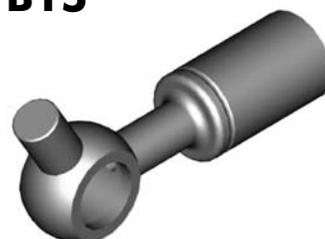
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	-	65mm	A

HFB09



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

HFB15



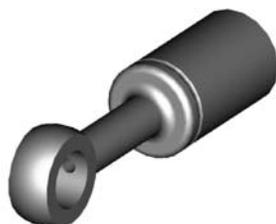
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	23mm	-	52mm	A

HFB19



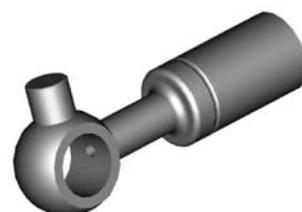
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
15mm	13.5mm	25mm	-	45mm	US

HFB27



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

HFB28



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

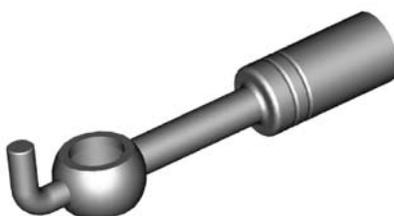
HFB34



Bendable

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

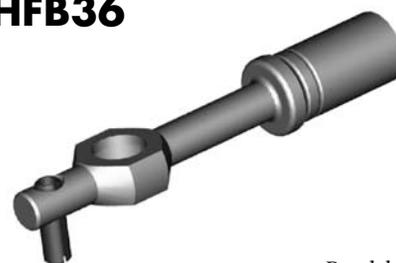
HFB35



Bendable

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

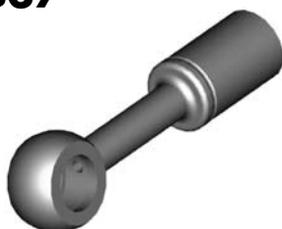
HFB36



Bendable

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

HFB37



Bendable

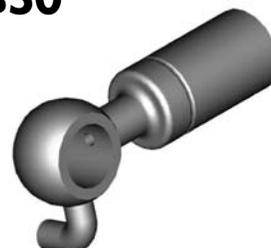
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	-	64mm	UNI

HFB47



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

HFB50



Right

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

Round Style - Straight

A = Asian

EU = European

US = United States

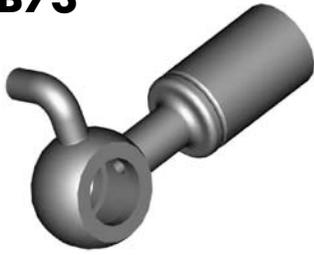
UNI = Universal

V = Various

BANJO FITTINGS

Round Style - Straight

HFB73



Left

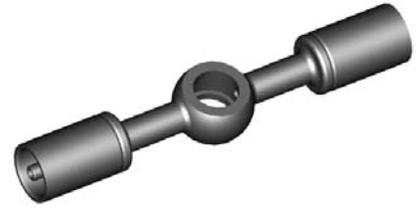
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	28mm	-	50mm	US

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

HFB289



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

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

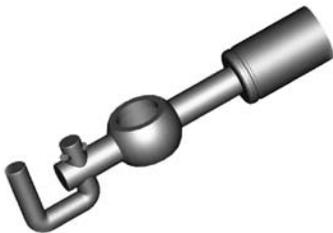
HFB352



Right

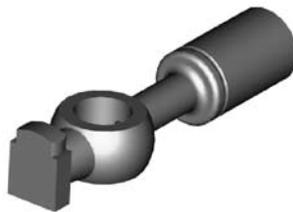
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	-	-	55mm	A

HFB365



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	-	63mm	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

CAUTION

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A = Asian

EU = European

US = United States

UNI = Universal

V = Various

BANJO FITTINGS

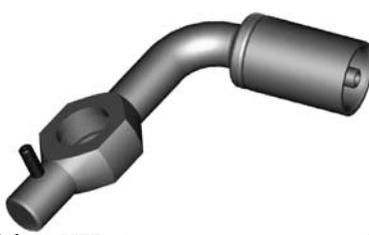
HFB10



Harley

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

HFB24



Right = HFB164

Left

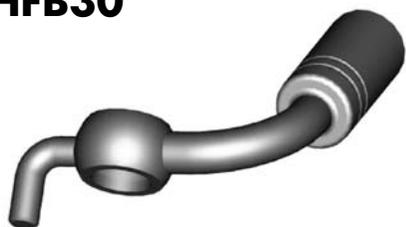
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	8mm	17mm	75°	64mm	A

HFB29



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

HFB30



Left = HFB75

Right

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

HFB31



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	17mm	25°	68mm	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

HFB75



Right = 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

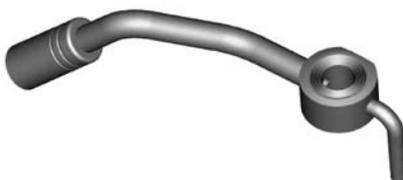
HFB93



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

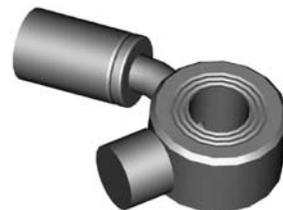
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	8.5mm	19mm	-	192mm	US

HFB157



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

HFB158



Left

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

Round Style - Bent

A = Asian

EU = European

US = United States

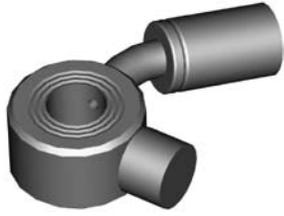
UNI = Universal

V = Various

BANJO FITTINGS

Round Style - Bent

HFB159



Right

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

HFB164

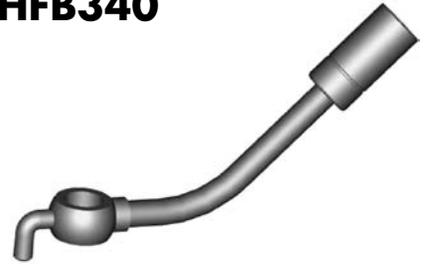


Left = HFB24

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

HFB341



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	10mm	18mm	75°	55mm	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

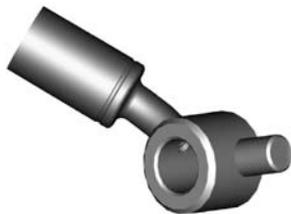
HFB348



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

HFB358



Left

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

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EU = European

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UNI = Universal

V = Various

BANJO FITTINGS

HFB359



Right

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

HFB360



Right

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

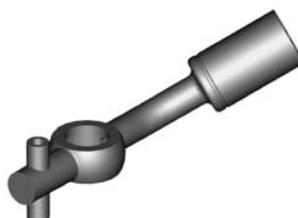
HFB389



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

Round Style - Bent

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

BANJO FITTINGS

Block Style - 3/8" Hole

HFB67



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

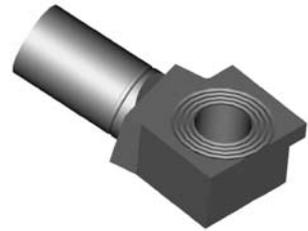
HFB230



Right

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

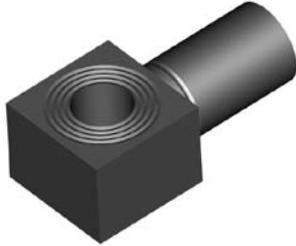
HFB231



Left

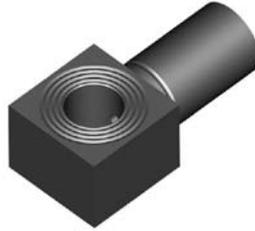
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	7/16"	22mm	10°	45mm	US

HFB243



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	14.9mm	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

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A = Asian

EU = European

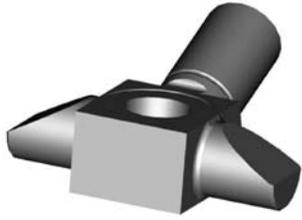
US = United States

UNI = Universal

V = Various

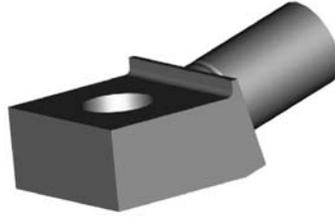
BANJO FITTINGS

HFB41



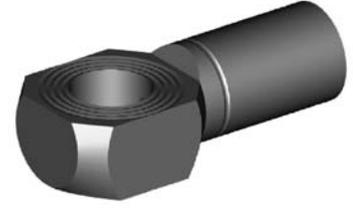
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	14mm	48mm	20°	50mm	US

HFB48



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

HFB54



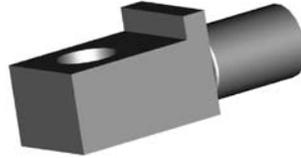
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	11mm	19mm	-	43mm	US

HFB55



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

HFB59



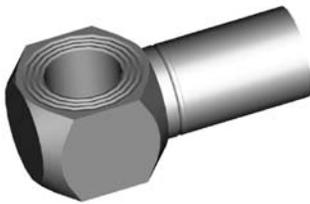
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	14.8mm	19.5mm	-	52mm	US

HFB60



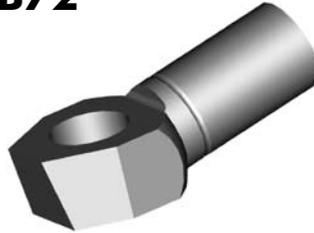
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	11.5mm	20mm	10°	46mm	V

HFB66



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

HFB72



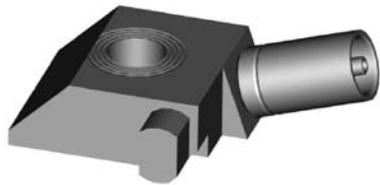
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	11mm	19mm	10°	42mm	US

HFB84



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

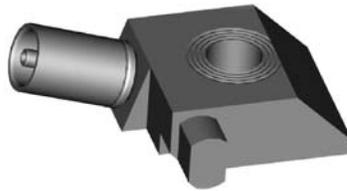
HFB165



Left

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

HFB166



Right

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

Block Style - 7/16" Hole

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

BANJO FITTINGS

Block - 8mm Hole

HFB112



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

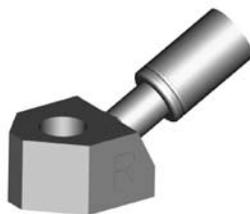
HFB07



Left

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

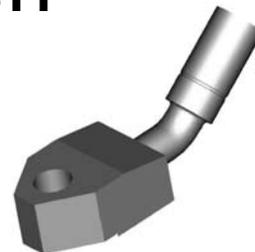
HFB08



Right

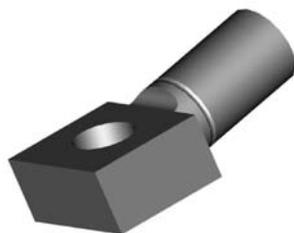
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	16mm	22mm	27°	59mm	A

HFB11



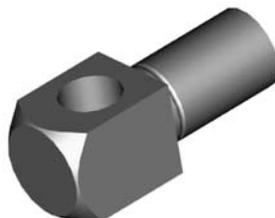
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	16mm	28mm	40°	92mm	A

HFB12



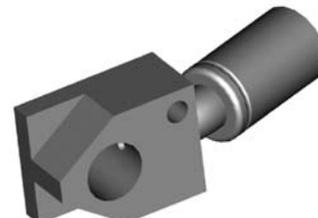
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	20mm	10°	46mm	V

HFB13



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

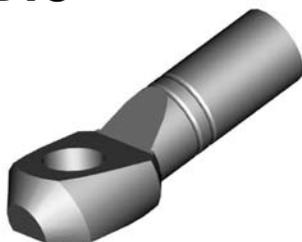
HFB14



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

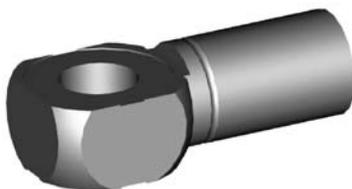
Block Style - 10mm Hole

HFB16



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

HFB40



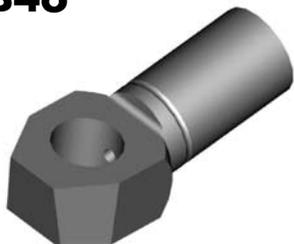
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.3mm	19mm	-	42mm	US

HFB45



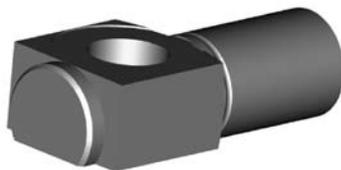
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	19.6mm	10°	47mm	US

HFB46



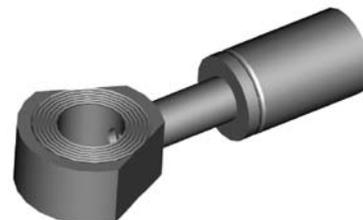
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	17.6mm	10°	44mm	US

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

A = Asian

EU = European

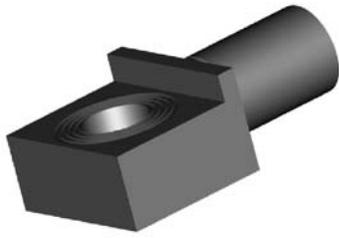
US = United States

UNI = Universal

V = Various

BANJO FITTINGS

HFB56



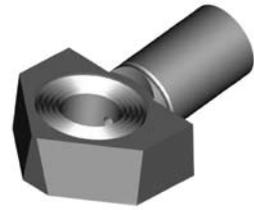
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	26mm	-	45mm	US

HFB57



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.6mm	33mm	-	49mm	US

HFB62



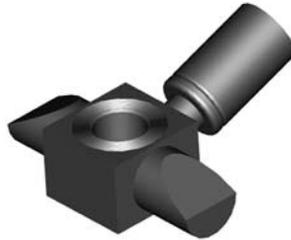
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	28mm	10°	44mm	US

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

HFB91



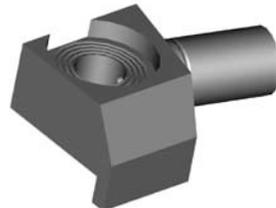
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.4mm	20mm	-	42mm	US

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

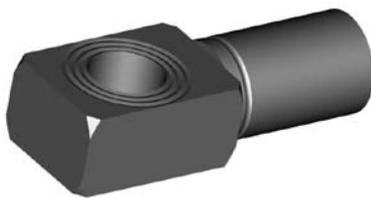
HFB134



Left

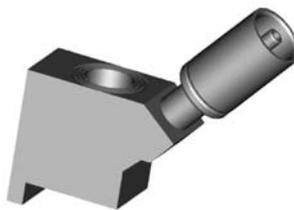
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	26mm	-	50mm	US

HFB144



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

HFB149



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	24mm	16mm	50°	55mm	A

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	11.5	26mm	-	52mm	US

Block Style - 10mm Hole

A = Asian

EU = European

US = United States

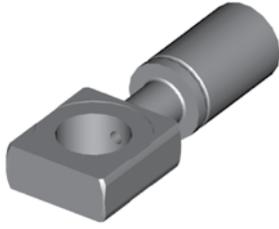
UNI = Universal

V = Various

BANJO FITTINGS

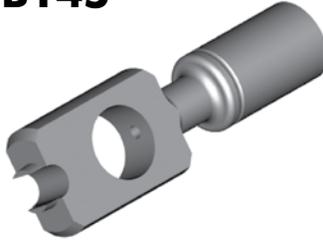
Block Style - 12mm & 16mm Hole

HFB101



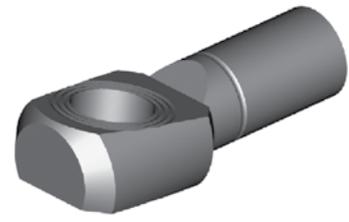
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
12mm	8mm	19mm	-	51mm	EU

HFB145



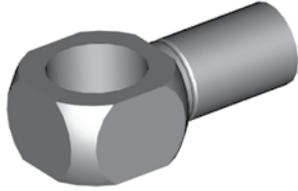
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
12mm	8mm	19mm	-	61mm	EU

HFB146



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

HFB38



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

DID YOU KNOW?

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

DID YOU KNOW?

Most female fittings with a bulkhead mount use a 5/8" x 18NF thread and this is the only thread that BQ supplies. However some of these fittings come with a M16 x 1.5 or a fine brass thread. If in doubt, supply a BQ13 nut with the fitting.

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

BANJO FITTINGS

HFB39



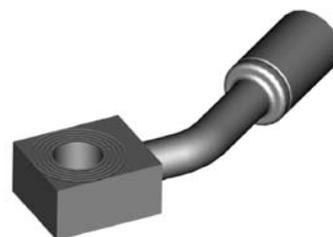
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	19.2mm	15°	104mm	US

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



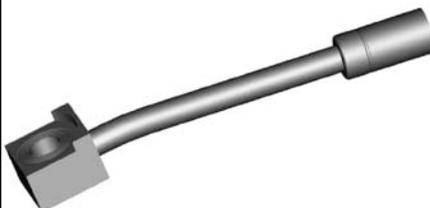
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22.2mm	-	165mm	US

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

HFB211



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	22mm	-	175mm	US

HFB273



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

HFB61



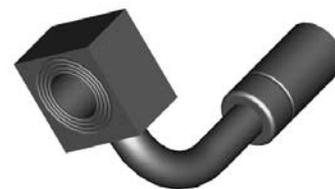
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	14.6mm	22.2mm	105°	60mm	US

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

Tube Style (Either Side) - 3/8" Hole

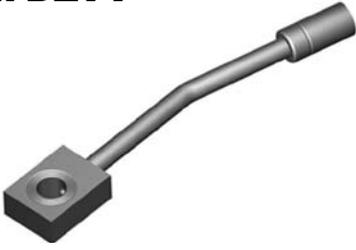
7/16" Hole

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

BANJO FITTINGS

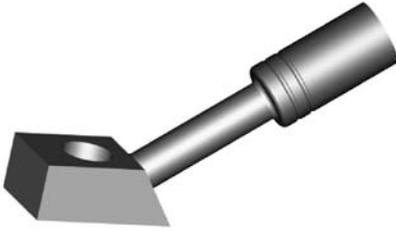
7/16" Hole

HFB299



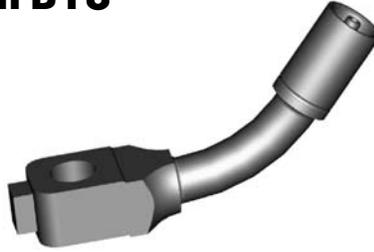
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
7/16"	12mm	24.3mm	15°	150mm	US

HFB17



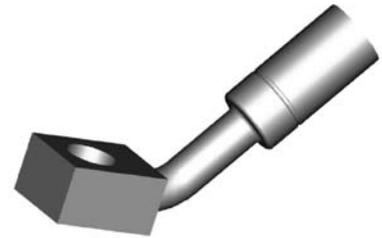
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.5mm	17mm	35°	78mm	V

HFB18



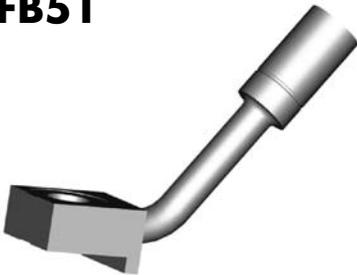
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	13mm	18mm	50°	78mm	A

HFB21



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

HFB51



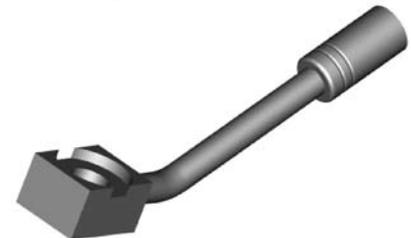
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	22.2mm	55°	75mm	US

HFB160



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	20mm	25°	127mm	US

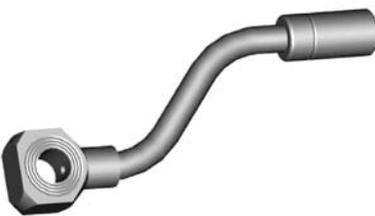
HFB161



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

Tube Style (Either Side) - 10mm Hole

HFB173



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

HFB180



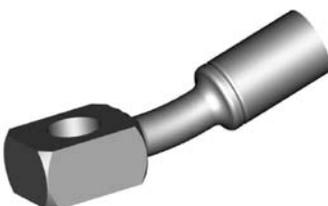
HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	19.5mm	30°	65mm	US

HFB251



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

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

BANJO FITTINGS

HFB379



HOLE	THICK	WIDTH	ANGLE	OAL	FITS
12mm	8.5mm	19mm	30°	60mm	EU

12mm Hole

DID YOU KNOW?

Some banjo fittings have the banjo hole offset from the center as a locator on the caliper. By reducing the offset amount from the opposite side also allows the banjo hole to be in the center and able to fit both sides instead of just one side only.

DID YOU KNOW?

Some flared tube style fitting are deliberately made longer to make it more universal. This enables you to bend the tube to the desired shape and allows you plenty of room to place the BQ23 test spade under the nut for testing.

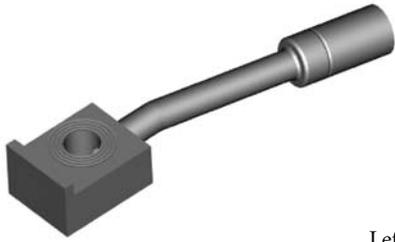
DID YOU KNOW?

BrakeQuip makes the round style banjo fittings that only has 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.

BANJO FITTINGS

Tube Style (Left/Right) - 3/8" Hole

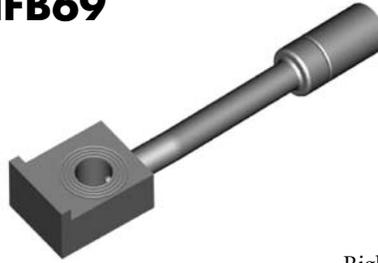
HFB68



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

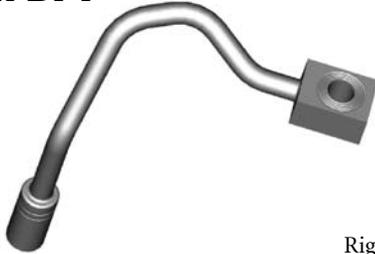
HFB76



Left

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

HFB77



Right

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

HFB82



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	26mm	50°	147mm	US

HFB83



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	26mm	50°	147mm	US

HFB102



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	23mm	23°	140mm	US

HFB103



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	23mm	23°	140mm	US

HFB115



Right

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

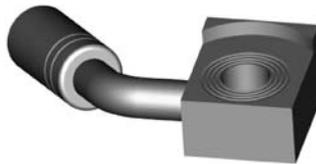
HFB116



Left

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

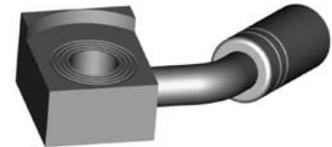
HFB125



Left

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

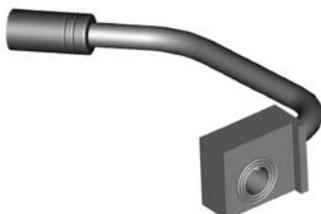
HFB126



Right

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

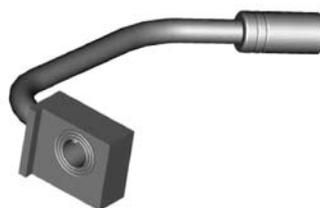
HFB127



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

HFB129



Left

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

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

BANJO FITTINGS

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

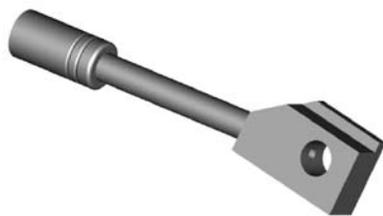
HFB132



Left

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

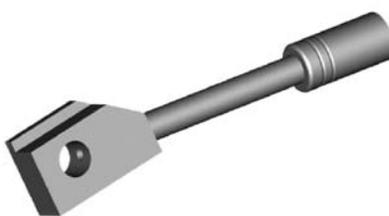
HFB135



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

HFB155



Right

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

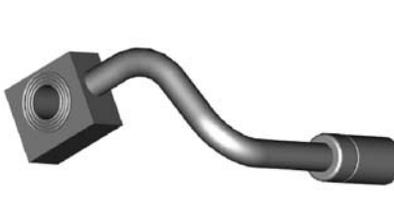
HFB156



Left

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

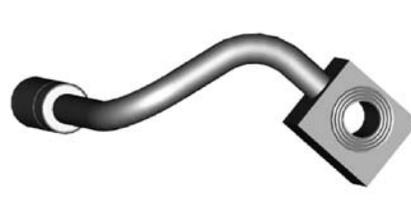
HFB174



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

HFB185



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25mm	75°	180mm	US

HFB186



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
3/8"	1/2"	25mm	75°	180mm	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

Tube Style (Left/Right) - 3/8" Hole

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

BANJO FITTINGS

Tube Style (Left/Right) - 3/8" Hole

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

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

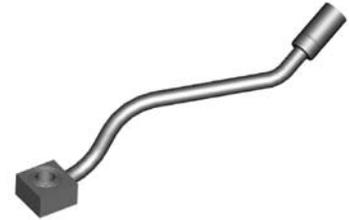
HFB316



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

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

BANJO FITTINGS

3/8" - Left/Right

HFB381



Right

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

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

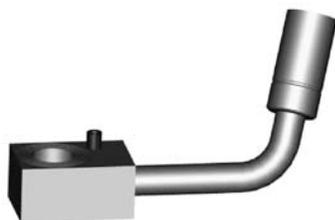


Right

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

Tube Style (Left/Right) - 7/16" Hole

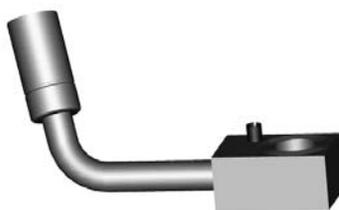
HFB176



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

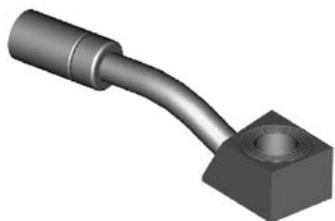
HFB189



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

HFB201



Left

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

HFB202



Right

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

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

BANJO FITTINGS

7/16" - Left/Right

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

CAUTION

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

DISCLAIMER NOTICE

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

A = Asian

EU = European

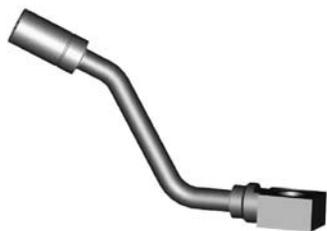
US = United States

UNI = Universal

V = Various

BANJO FITTINGS

HFB42



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	12mm	19.6mm	60°	130mm	US

HFB43



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	12mm	19.6mm	60°	130mm	US

HFB52



Right

Left=HFB74

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	28.6mm	107°	145mm	US

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

HFB74



Left

Right=HFB52

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11mm	28.6mm	107°	145mm	US

HFB107



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.6mm	20mm	75°	86mm	US

HFB108



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.6mm	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

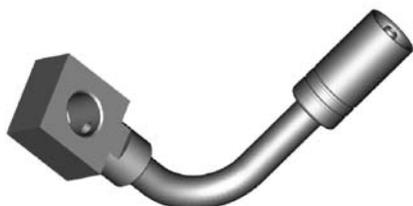
HFB118



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	12.7mm	22.2mm	65°	127mm	US

Tube Style (Left/Right) - 10mm Hole

A = Asian

EU = European

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UNI = Universal

V = Various

BANJO FITTINGS

Tube Style (Left/Right) - 10mm Hole

HFB122



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	12.7mm	22.2mm	65°	127mm	US

HFB142



Right

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

HFB143



Left

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

HFB183



Left

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

HFB184



Right

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

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

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UNI = Universal

V = Various

BANJO FITTINGS

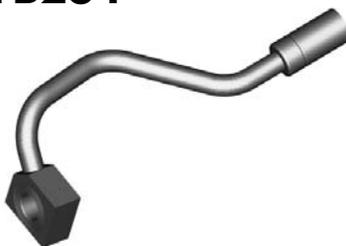
HFB250



Right

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

HFB284



Left

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

HFB285



Right

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

HFB328



Right

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

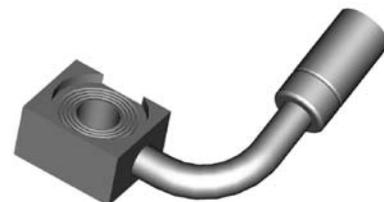
HFB329



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

HFB333



Left

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	22.2mm	-	95mm	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

HFB404



Right

HOLE	THICK	WIDTH	ANGLE	OAL	FITS
10mm	11.7mm	22.2mm	125°	-	US

HFB410



Left

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

Tube Style (Left/Right) - 10mm Hole

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EU = European

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UNI = Universal

V = Various

BANJO FITTINGS

10mm - Left/Right

HFB411



Right

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

Universal

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

DID YOU KNOW?

Fitting manufacturers design their fittings to suit what resources are 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 applies. HFIF01 = HFIF36, HFIF02 = HFIF24, HFIF05 = HFIF45 and vice-a- versa.

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

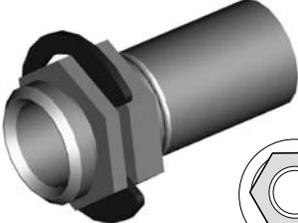
CENTER SUPPORT FITTINGS

HFC01



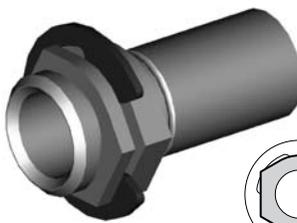
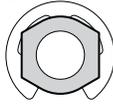
MATERIAL	WIDTH	OAL	FITS
Steel	17mm	33mm	A

HFC02



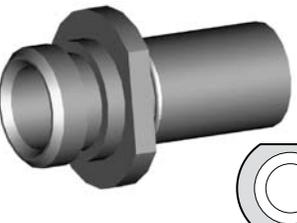
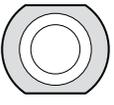

MATERIAL	WIDTH	OAL	FITS
Steel	17mm	34mm	A

HFC06

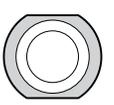
MATERIAL	WIDTH	OAL	FITS
Steel	17mm	34mm	A

HFC07

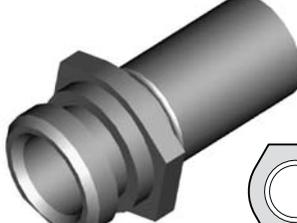
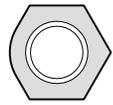
MATERIAL	WIDTH	OAL	FITS
Steel	19mm	35mm	A

HFC09

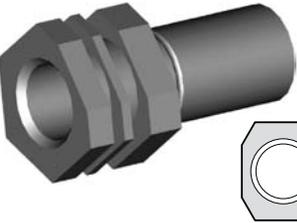
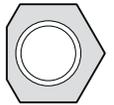
MATERIAL	WIDTH	OAL	FITS
Steel	17mm	34mm	A

HFC10

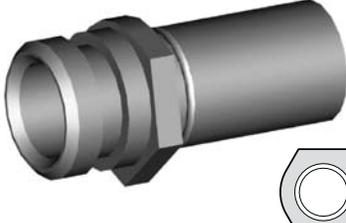
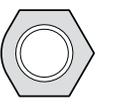
MATERIAL	WIDTH	OAL	FITS
Steel	19mm	35mm	A

HFC11

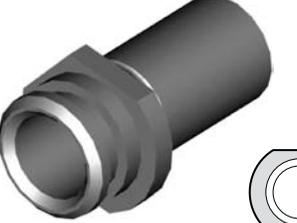
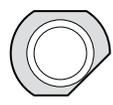
MATERIAL	WIDTH	OAL	FITS
Steel	19mm	37mm	A

HFC12

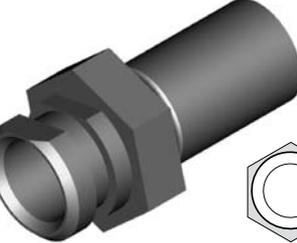
MATERIAL	WIDTH	OAL	FITS
Steel	17mm	35mm	A

HFC13

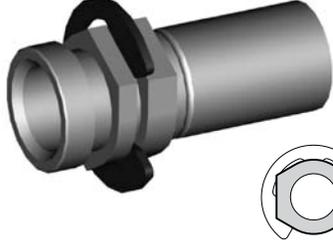
MATERIAL	WIDTH	OAL	FITS
Steel	17mm	33mm	A

HFC15



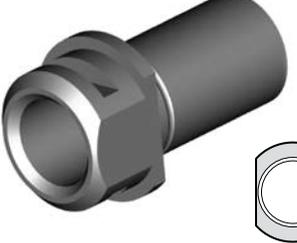
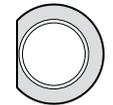

MATERIAL	WIDTH	OAL	FITS
Steel	19mm	37mm	A

HFC17




MATERIAL	WIDTH	OAL	FITS
Steel	16mm	37mm	US

HFC301

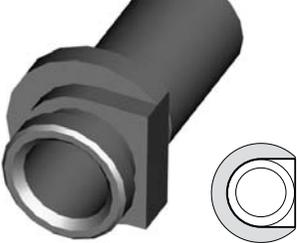
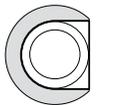
MATERIAL	WIDTH	OAL	FITS
Steel	20mm	33mm	EU

HFC307




MATERIAL	WIDTH	OAL	FITS
Steel	19mm	36mm	US

HFC315

MATERIAL	WIDTH	OAL	FITS
Steel	22mm	34mm	A

HFC327




MATERIAL	WIDTH	OAL	FITS
Steel	21mm	37mm	US

Clip Mount

A = Asian

EU = European

US = United States

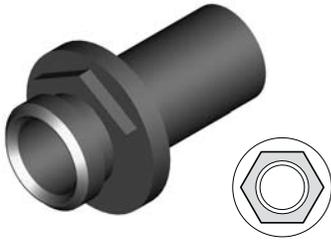
UNI = Universal

V = Various

CENTER SUPPORT FITTINGS

Clip Mount

HFC331



MATERIAL	WIDTH	OAL	FITS
Steel	33mm	34mm	A

HFC04



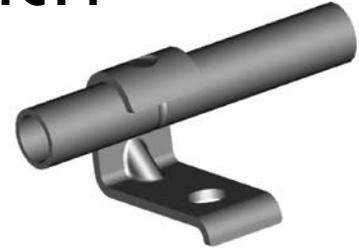
MATERIAL	WIDTH	OAL	FITS
Steel	39mm	30mm	A

HFC05



MATERIAL	WIDTH	OAL	FITS
Steel	20mm	30mm	A

HFC14



MATERIAL	WIDTH	OAL	FITS
Steel	33mm	80mm	US

HFC18



MATERIAL	WIDTH	OAL	FITS
Steel	24mm	48mm	US

HFC19



MATERIAL	WIDTH	OAL	FITS
Steel	24mm	48mm	US

HFC316



MATERIAL	WIDTH	OAL	FITS
Steel	22mm	36mm	A

Bracket Mount

HFC317



Left

MATERIAL	WIDTH	OAL	FITS
Steel	45mm	48mm	A

HFC318



Right

MATERIAL	WIDTH	OAL	FITS
Steel	45mm	48mm	A

HFC319



Left

MATERIAL	WIDTH	OAL	FITS
Steel	45mm	50mm	A

HFC320



Right

MATERIAL	WIDTH	OAL	FITS
Steel	45mm	50mm	A

HFC321



Left

MATERIAL	WIDTH	OAL	FITS
Steel	55mm	50mm	A

HFC322



Left

MATERIAL	WIDTH	OAL	FITS
Steel	40mm	42mm	A

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EU = European

US = United States

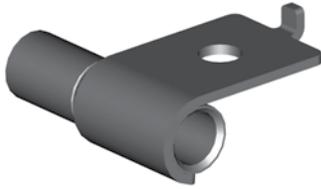
UNI = Universal

V = Various

CENTER SUPPORT FITTINGS

Bracket Mount

HFC323



Left

MATERIAL	WIDTH	OAL	FITS
Steel	45mm	48mm	A

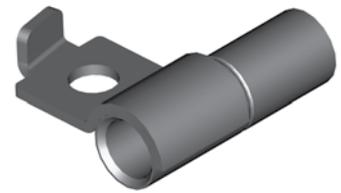
HFC324



Right

MATERIAL	WIDTH	OAL	FITS
Steel	55mm	50mm	A

HFC325



Right

MATERIAL	WIDTH	OAL	FITS
Steel	40mm	42mm	A

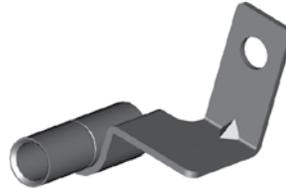
HFC326



Right

MATERIAL	WIDTH	OAL	FITS
Steel	45mm	48mm	A

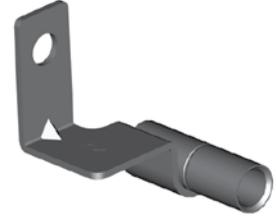
HFC328



Left

MATERIAL	WIDTH	OAL	FITS
Steel	45mm	50mm	A

HFC329



Right

MATERIAL	WIDTH	OAL	FITS
Steel	45mm	50mm	A

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 this corresponding shape in the chassis or bracket where the fitting mounts. This is designed so 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.

A = Asian

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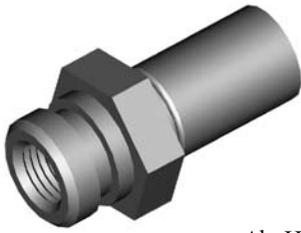
US = United States

UNI = Universal

V = Various

IMPERIAL FEMALE FITTINGS

HFIF01



Alt. HFIF36

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

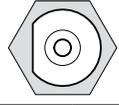
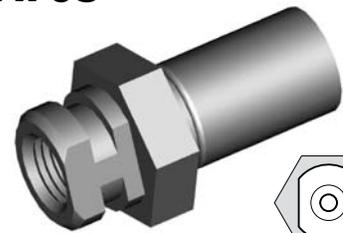
HFIF01B



Brass

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

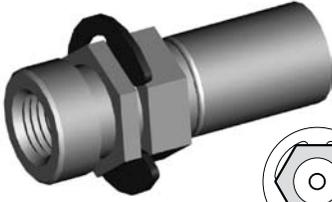
HFIF05



Alt. HFIF45

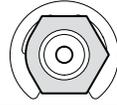
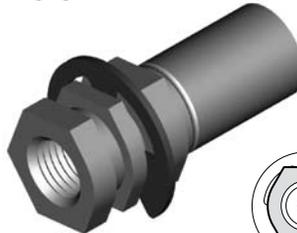
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	19mm	38mm	V

HFIF07



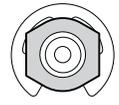
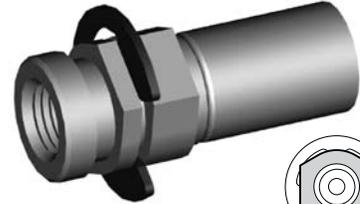
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	41mm	US

HFIF08



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

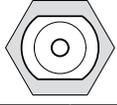
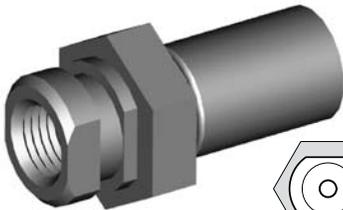
HFIF10



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

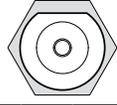
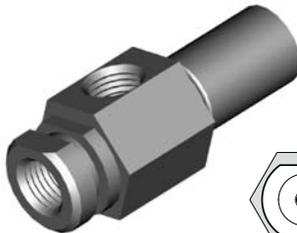
Clip Mount - 3/8" x 24NF

HFIF11



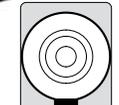
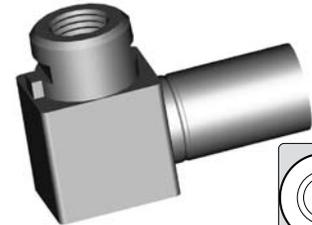
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	19mm	38mm	V

HFIF14



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

HFIF18



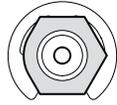
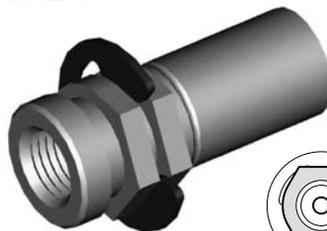
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	-	41mm	US

HFIF19



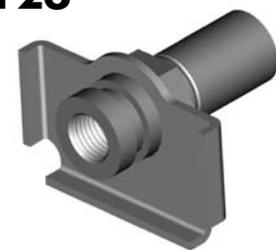
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	38mm	US

HFIF21



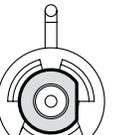
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	DPS	Clip	16mm	37mm	US

HFIF26



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

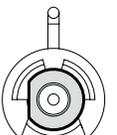
HFIF29



Left

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

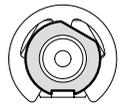
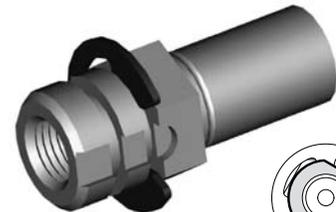
HFIF30



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

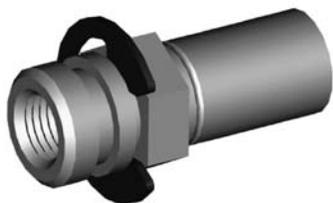
US = United States

UNI = Universal

V = Various

IMPERIAL FEMALE FITTINGS

HFIF36



Alt. HFIF01

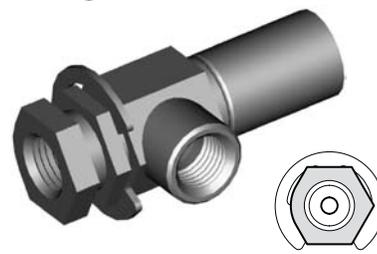
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	39mm	US

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

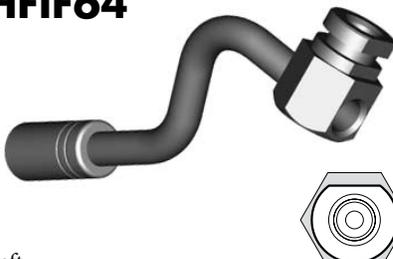
HFIF45



Alt. HFIF05

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

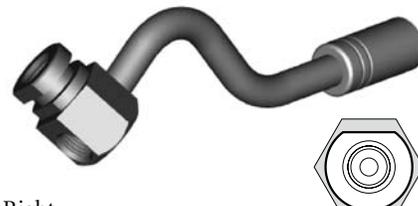
HFIF64



Left

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

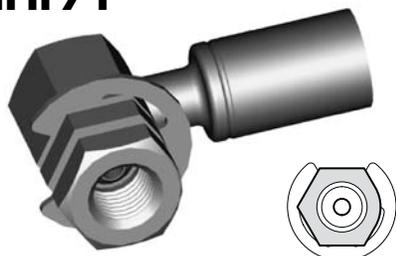
HFIF65



Right

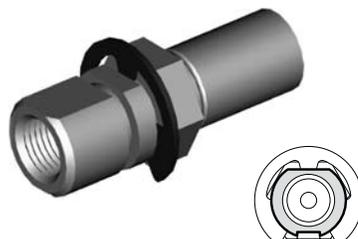
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Clip	19mm	137mm	US

HFIF71



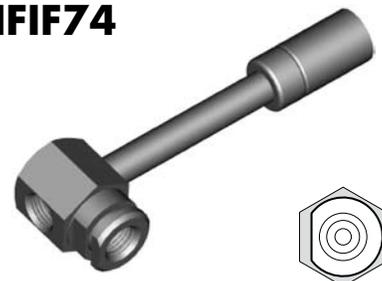
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	45mm	US

HFIF72



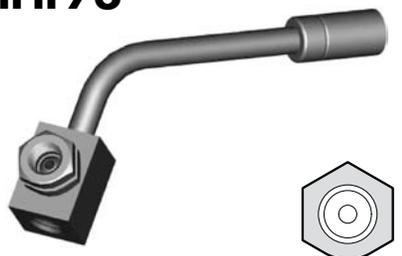
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	17mm	47mm	US

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



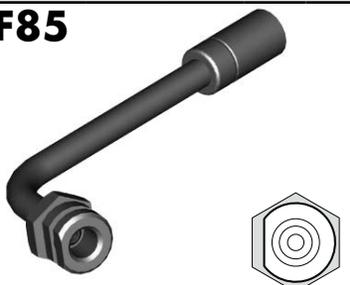
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	40mm	US

HFIF83



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

HFIF85



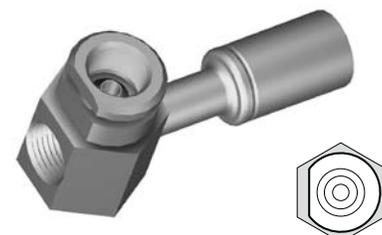
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	17.5mm	-	US

HFIF87



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

HFIF107



THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Clip	19mm	57mm	US

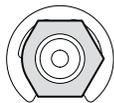
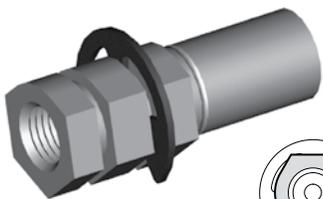
Clip Mount - 3/8" x 24NF

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

IMPERIAL FEMALE FITTINGS

3/8" x 24NF

HFIF301



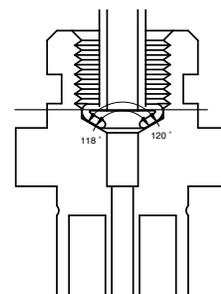
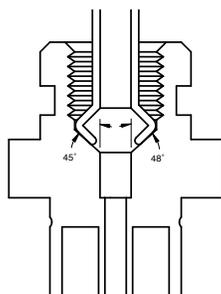
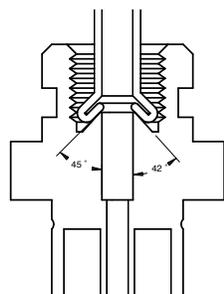
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF	Inverted	Clip	16mm	43mm	US

DID YOU KNOW?

There are three different flare types.

1. A 45° double flare – the inverted seat angle is 42°
2. A 45° ISO flare (Bubble) – the female seat angle is 96°
3. A 31° DIN flare (Mushroom) – the female seat angle is 120°

The seat angles vary to the tube angle because it is important to seal the smallest diameter to get an effective seal.



IMPERIAL FEMALE FITTINGS

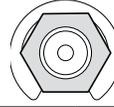
HFIF02



Alt. HFIF24

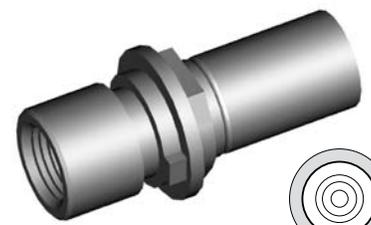
THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	19mm	38mm	V

HFIF09



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

HFIF20



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

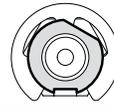
HFIF24



Alt. HFIF02

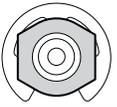
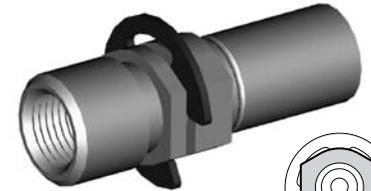
THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	16mm	40mm	US

HFIF33



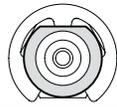
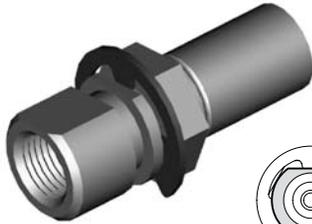
THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	17mm	41mm	US

HFIF35



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

HFIF51



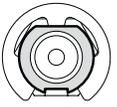
THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	17mm	46mm	US

HFIF73



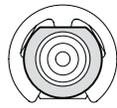
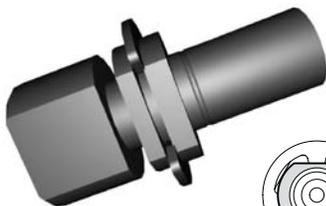
THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	17mm	47mm	US

HFIF116



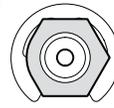
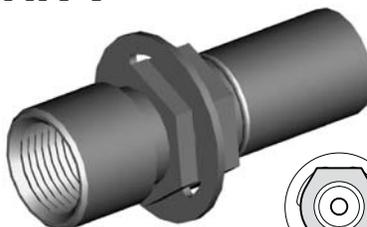
THREAD	SEAT	MOUNT	HEX	OAL	FITS
7/16" x 24NS	Inverted	Clip	5/8"	-	US

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

Clip Mount - 7/16" x 24NS

Clip Mount 1/2"

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

IMPERIAL FEMALE FITTINGS

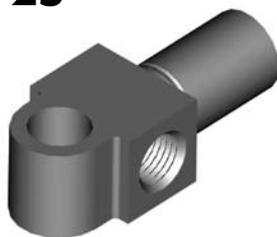
HFIF23



12mm Hole

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

HFIF25



10mm Hole

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

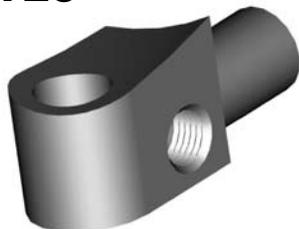
HFIF27



11.8mm Hole

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

HFIF28



11.8mm Hole

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

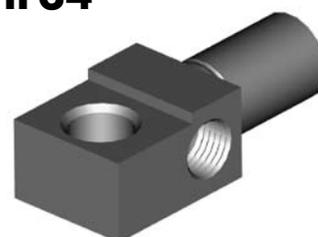
HFIF31



11.9mm Hole

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

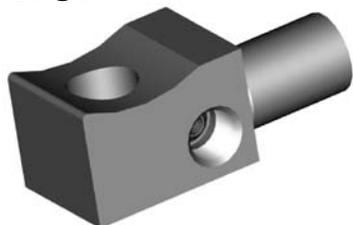
HFIF34



8/10mm Hole

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

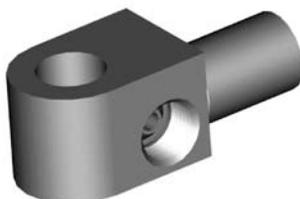
HFIF37



12mm Hole

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

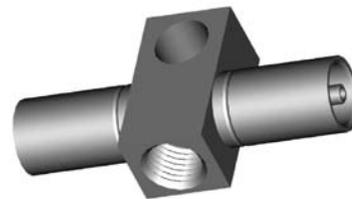
HFIF39



11.8mm Hole

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

HFIF46



10mm Hole

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

HFIF47



12mm Hole

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

HFIF48



11.5mm Hole

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

HFIF53



11.8mm Hole

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

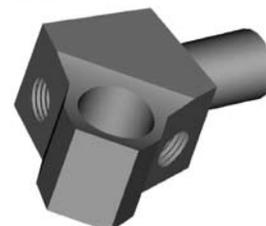
HFIF54



12mm Hole

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

HFIF55



15mm Hole

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

HFIF56



11.8mm Hole

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

Bolt On Mount

A = Asian

EU = European

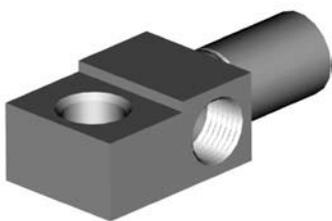
US = United States

UNI = Universal

V = Various

IMPERIAL FEMALE FITTINGS

HFIF57



8/10mm Hole

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

HFIF58



11.5mm Hole

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

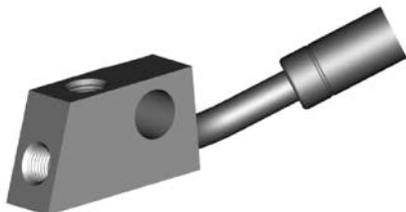
HFIF59



12mm Hole

THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8" x 24NF x 2	Inverted	Bolted	12mm	100mm	US

HFIF66



11.9mm Hole

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

HFIF77



6.2mm Hole

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

HFIF80



11.8mm Hole

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

HFIF88



11.6mm Hole

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

HFIF110



12.0mm Hole

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

HFIF111



11.9mm Hole

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

HFIF115



11.9mm Hole

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

8.75mm Hole

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

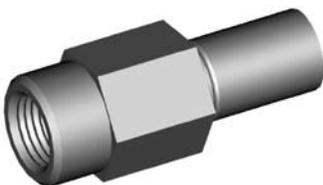
HFIF303



11.4mm Hole

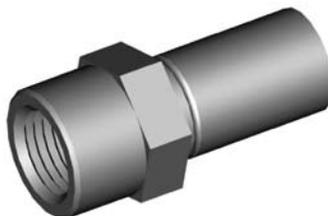
THREAD	SEAT	MOUNT	HOLE	OAL	FITS
3/8"NF-7/16"NS	Inverted	Bolted	11.4mm	70mm	US

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

Bolt on Mount

No Mount

A = Asian

EU = European

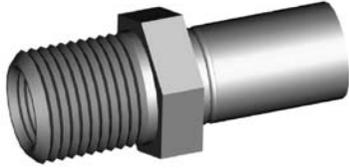
US = United States

UNI = Universal

V = Various

IMPERIAL FEMALE FITTINGS

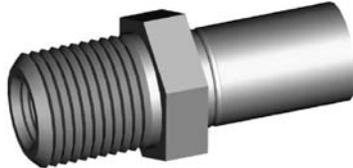
HFIFX01



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

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

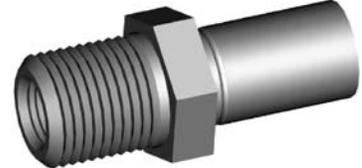
HFIFX02



5/8" x 18NF External Thread

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

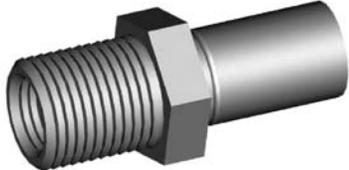
HFIFX03



5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8"BSF	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

Bulkhead Mount

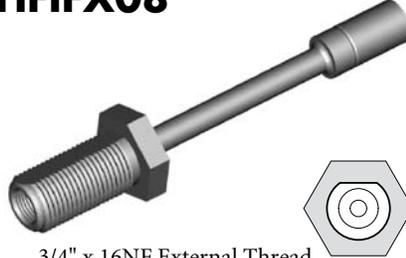
HFIFX07



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

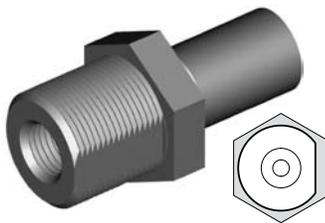
HFIFX12



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

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V = Various

IMPERIAL FEMALE FITTINGS

HFIFX17



7/8" x 14NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
1/2" x 20NF	Inverted	Bulkhead	27mm	65mm	US

HFIFX18



7/8" x 14NF External Thread

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

HFIFX20

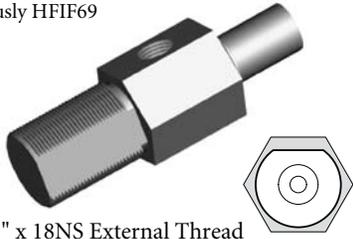


5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
1/8"NPT	-	Bulkhead	19mm	45mm	US

HFIFX21

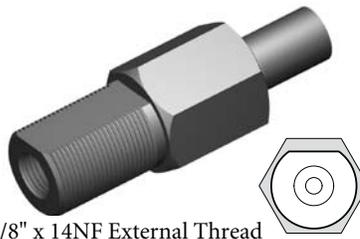
Previously HFIF69



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

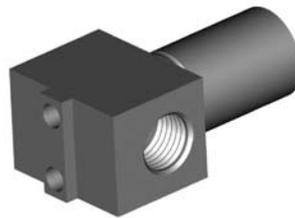
Bulkhead Mount

HFIF15



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

HFIF22



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

HFIF41



Right

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

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

Bracket Mount

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V = Various

IMPERIAL FEMALE FITTINGS

Bracket Mount

HFIF60



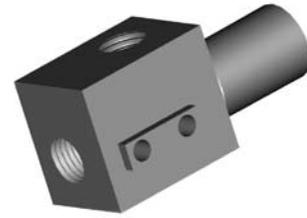
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF x 2	Inverted	Bracket	-	102mm	US

HFIF60A



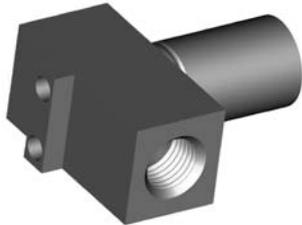
THREAD	SEAT	MOUNT	HEX	OAL	FITS
3/8" x 24NF - 2	Inverted	Bracket	-	42mm	US

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

HFIF109



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

HFIF127



Left

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

HFIF128



Right

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

BQ71



Bracket Retaining Screws (PKT 50)

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

CAUTION

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

DISCLAIMER NOTICE

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

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IMPERIAL MALE FITTINGS

HFIM01



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

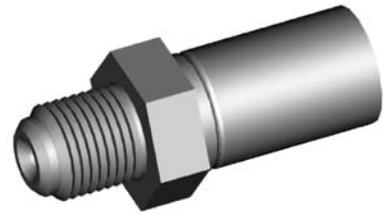
HFIM01B



Brass

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

HFIM03



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

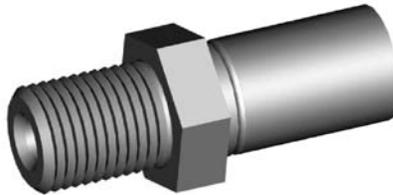
HFIM04



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



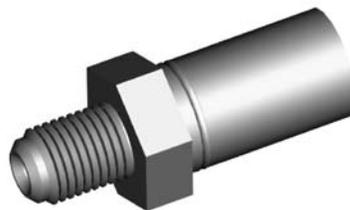
THREAD	THREAD LENGTH	HEX	OAL	FITS
7/16" x 24NS	12mm	16mm	40mm	V

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



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

HFIM21



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

Standard Mount

A = Asian

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V = Various

IMPERIAL MALE FITTINGS

Standard Mount

HFIM24



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

HFIM25



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

HFIM26



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

HFIM27



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

HFIM32



Designed for bonded washer

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

AN Joiner

HFIM28



No. 3 JIC

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

HFIM29



No. 4 JIC

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

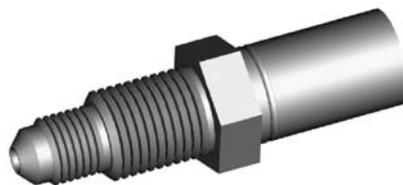
Bulkhead Mount

HFIM02



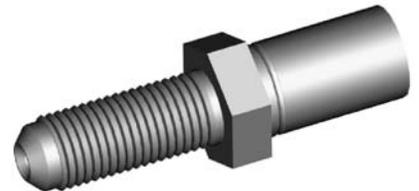
THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8" x 24NF	24mm	16mm	52mm	V

HFIM05



THREAD	THREAD LENGTH	HEX	OAL	FITS
3/8"NF-1/2"NF	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

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EU = European

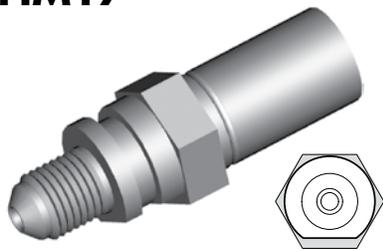
US = United States

UNI = Universal

V = Various

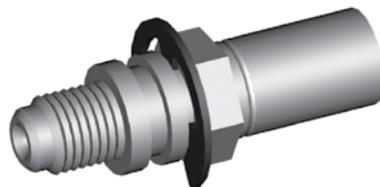
IMPERIAL MALE FITTINGS

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

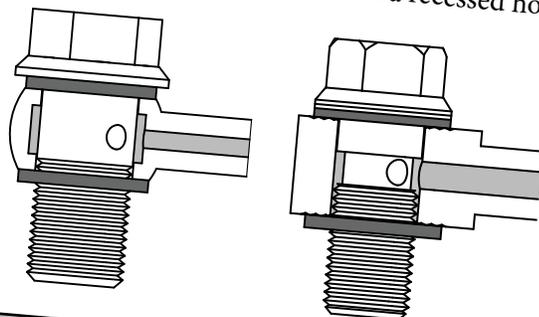
Clip Mount

DID YOU KNOW?

It is impossible to stock every fitting. That is why BrakeQuip supplies lifesavers to fill in the gaps. Currently BrakeQuip offers five different lifesavers to suit the different fitting situations. This makes it easy and efficient for you to reuse the original fitting. The HF01 & HF26 are virtually the same and are designed for most standard fittings. However these have a tubing countersunk in them so that you can easily braze tube directly to them to make up custom fittings. The HF27 is designed to suit all the fittings that have a 5/16" (8mm) tube attached to it. 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.

DID YOU KNOW?

It is important to match a banjo bolt to the correct banjo fitting. If the banjo fitting hole is "scalloped" out then it doesn't matter if the banjo bolt has a groove at the inlet port. The fluid flow can be restricted if you use a banjo bolt that does not have a relief at the outlet port into a banjo fitting that does not have a recessed hole.



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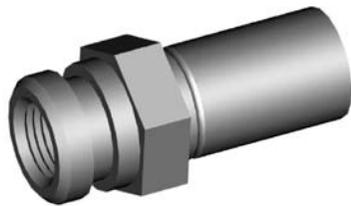
UNI = Universal

V = Various

METRIC FEMALE FITTINGS

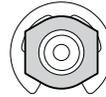
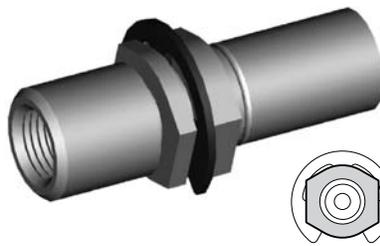
Clip Mount - Inverted Seat

HFMF01



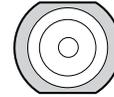
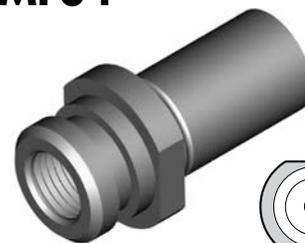
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	38mm	V

HFMF02



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

HFMF04



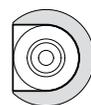
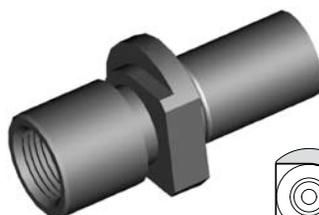
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	38mm	A

HFMF06



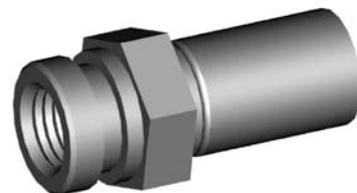
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	-	39mm	A

HFMF07



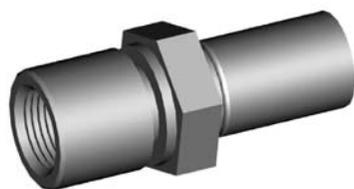
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	Inverted	Clip	-	45mm	A

HFMF09



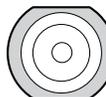
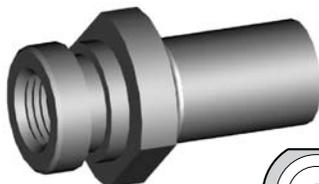
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1.25	Inverted	Clip	17mm	37mm	V

HFMF10



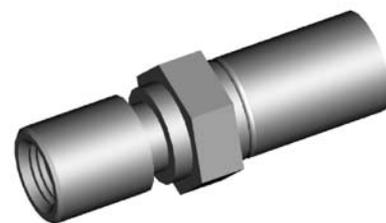
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	Inverted	Clip	19mm	46mm	A

HFMF11



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

HFMF12



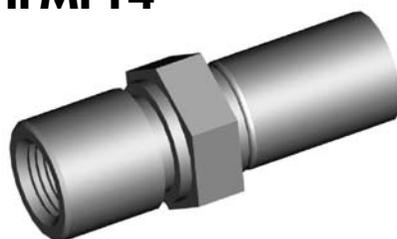
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M9 x 1	Inverted	Clip	16mm	47mm	A

HFMF13



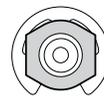
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	-	38mm	A

HFMF14



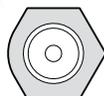
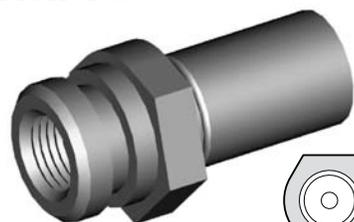
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	45mm	A

HFMF15



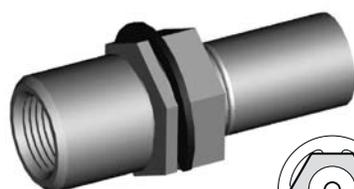
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	77mm	A

HFMF16



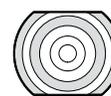
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	19mm	37mm	V

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

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UNI = Universal

V = Various

METRIC FEMALE FITTINGS

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

HFMF37

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

HFMF307

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

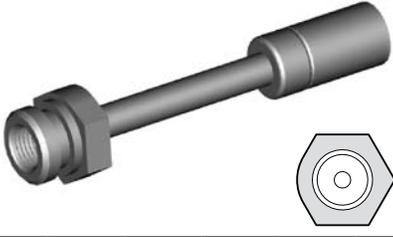
Clip Mount - Inverted Seat

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

METRIC FEMALE FITTINGS

Clip Mount - Inverted Seat

HFMF308



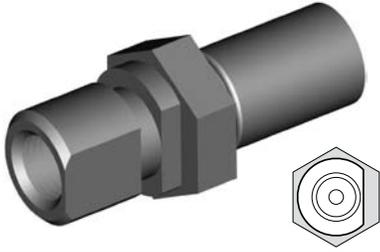
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	19mm	89mm	A

HFMF333



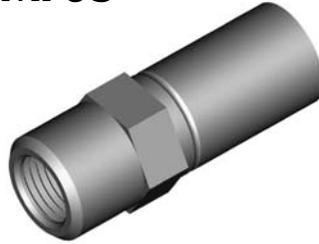
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Clip	17mm	41mm	A

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

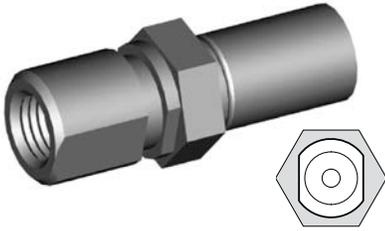
HFMF08



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

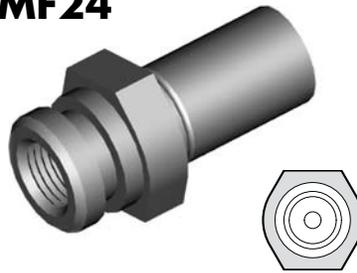
Clip Mount - DPS Seat

HFMF21



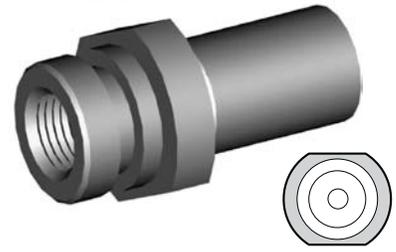
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1.25	DPS	Clip	17mm	47mm	EU

HFMF24



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

HFMF35



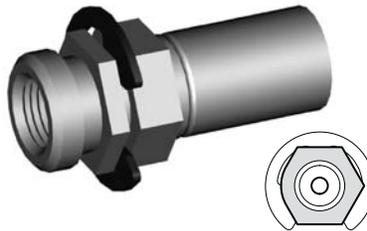
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	19mm	37mm	A

HFMF38



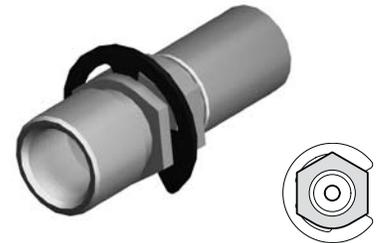
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	16mm	37mm	US

HFMF39



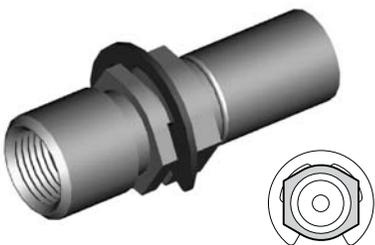
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	16mm	39mm	US

HFMF47



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

HFMF51



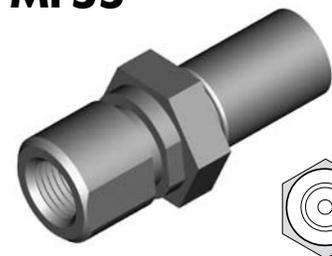
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M12 x 1	DPS	Clip	16mm	47mm	US

HFMF54



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

HFMF55



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

A = Asian

EU = European

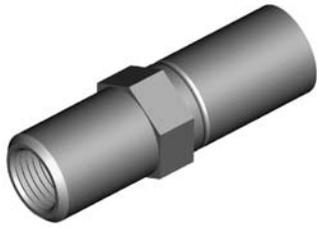
US = United States

UNI = Universal

V = Various

METRIC FEMALE FITTINGS

HFMF56



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1.25	DPS	Clip	14mm	45mm	EU

HFMF57



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

HFMF58



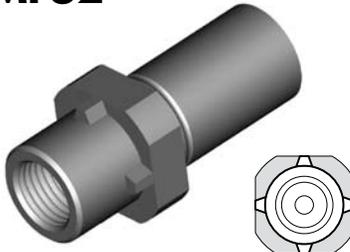
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	54mm	V

HFMF59



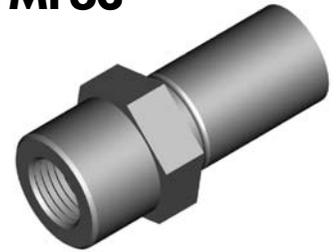
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	38mm	EU

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



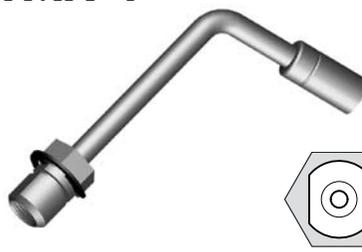
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	39mm	EU

HFMF73



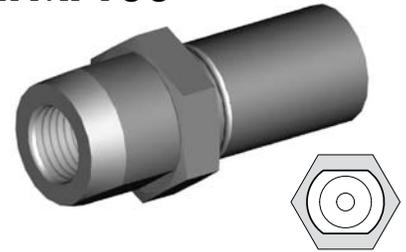
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	-	US

HFMF74



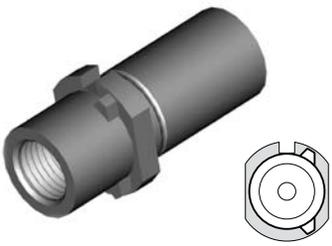
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	-	US

HFMF100



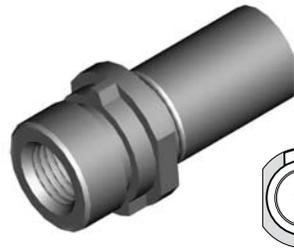
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	17mm	39mm	EU

HFMF305



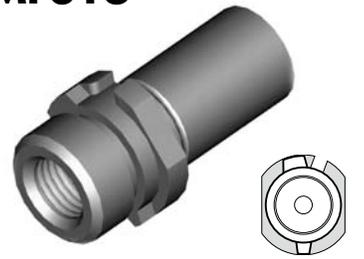
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Clip	15mm	37mm	EU

HFMF315



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

HFMF316



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

Clip Mount - DPS Seat

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

METRIC FEMALE FITTINGS

Clip - DPS Seat

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

Bolt On Mount

HFMF18

8.5mm Hole

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

HFMF30

8.5mm Hole

THREAD	SEAT	MOUNT	HOLE	OAL	FITS
M12x1-10x1	Inverted	Bolted	8.5mm	54mm	A

HFMF48

8.75mm Hole

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

HFMF50

8/10mm Hole

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

HFMF69

6.4mm Hole

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

HFMF322

M8 x 1.25

THREAD	SEAT	MOUNT	HOLE	OAL	FITS
M10 x 1	Inverted	Bolted	M8 x 1.25	42mm	A

HFMF328

M8 x 1.25

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

A = Asian

EU = European

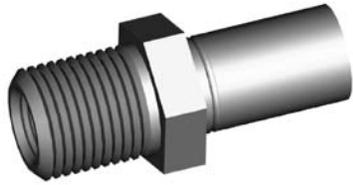
US = United States

UNI = Universal

V = Various

METRIC FEMALE FITTINGS

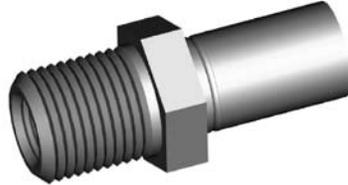
HFMFX01



5/8" x 18NF External Thread

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

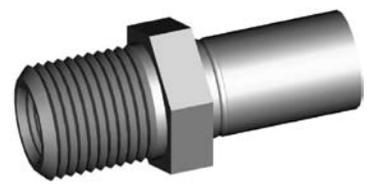
HFMFX02



5/8" x 18NF External Thread

THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1.25	Inverted	Bulkhead	19mm	45mm	V

HFMFX04

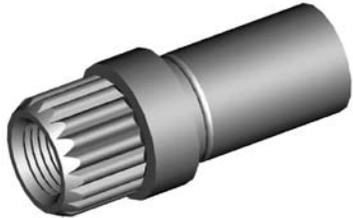


5/8" x 18NF External Thread

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

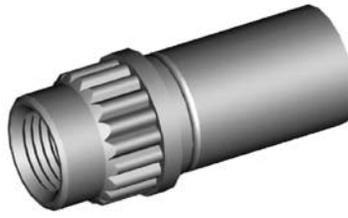
Bulkhead Mount

HFMF22



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

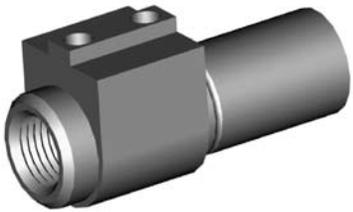
HFMF27



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

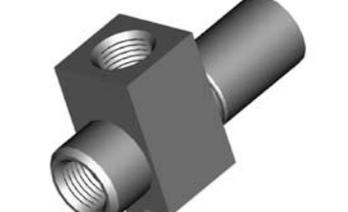
Spline Mount

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



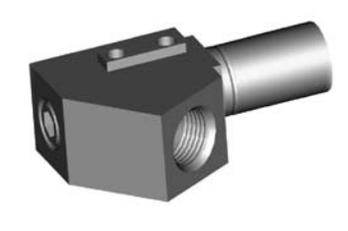
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10x1-(2)	DPS	Bracket	-	54mm	US

HFMF90



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

HFMF311



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

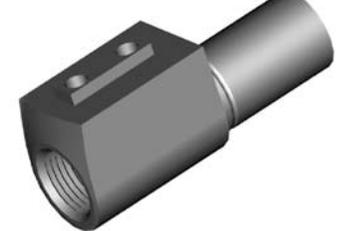
HFMF312



THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	DPS	Bracket	-	55mm	US

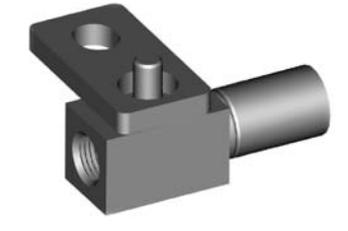
Bracket Mount

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



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

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

METRIC FEMALE FITTINGS

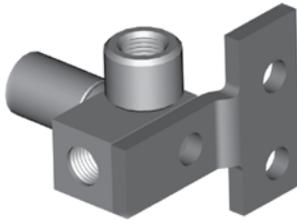
Bracket Mount

HFMF319



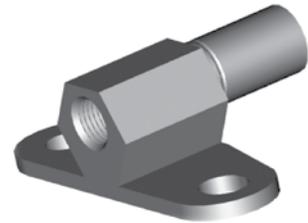
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Bracket	-	115mm	A

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



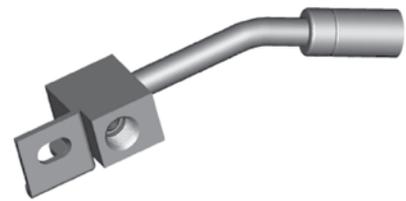
THREAD	SEAT	MOUNT	HEX	OAL	FITS
M10 x 1	Inverted	Bracket	-	45mm	A

HFMF342



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

HFMF343



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

BQ71



Bracket Retaining Screws (PKT 50)

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

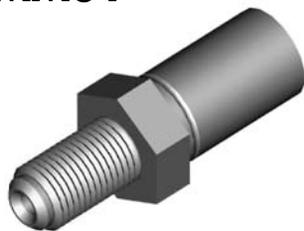
DID YOU KNOW?

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

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.

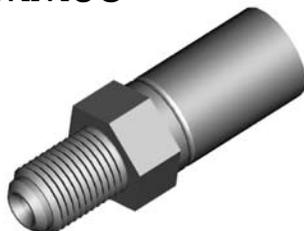
METRIC MALE FITTINGS

HFMM01



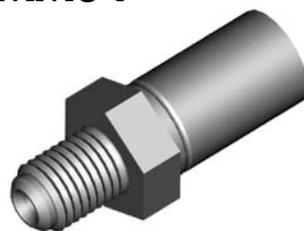
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	17mm	16mm	45mm	A

HFMM03



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

HFMM04



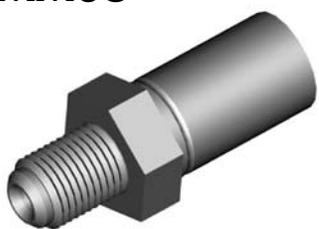
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1.25	13mm	16mm	41mm	A

HFMM05



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

HFMM06



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



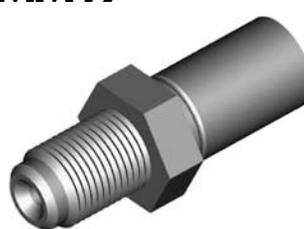
THREAD	THREAD LENGTH	HEX	OAL	FITS
M12 x 1	19mm	16mm	77mm	US

HFMM15



THREAD	THREAD LENGTH	HEX	OAL	FITS
M14 x 1.5	23.5mm	16mm	77mm	US

HFMM17



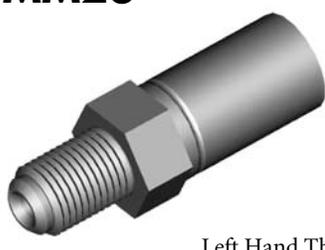
THREAD	THREAD LENGTH	HEX	OAL	FITS
M12 x 1.25	17mm	17mm	45mm	EU

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

Standard Mount

CAUTION

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

DISCLAIMER NOTICE

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

A = Asian

EU = European

US = United States

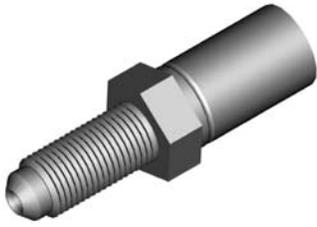
UNI = Universal

V = Various

METRIC MALE FITTINGS

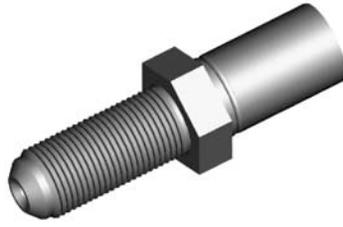
Bulkhead Mount

HFMM02



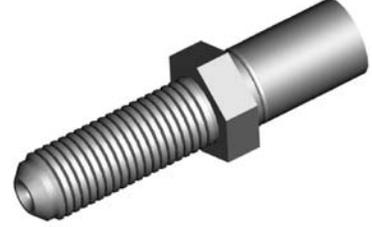
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	23mm	15mm	51mm	V

HFMM09



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

HFMM10



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

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

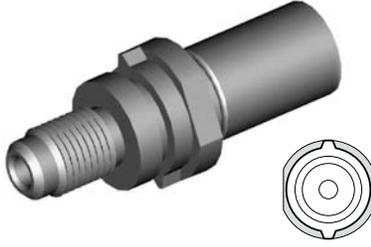
Clip Mount

HFMM12



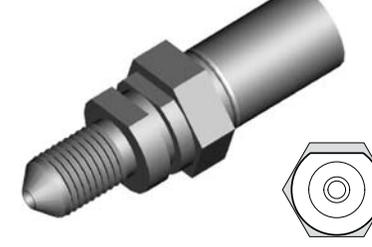
THREAD	THREAD LENGTH	HEX	OAL	FITS
M10 x 1	15mm	17mm	50mm	V

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

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

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



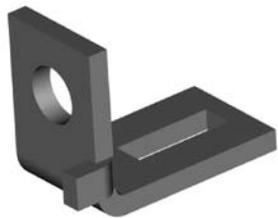
LOCATION	HOLE	FITS
Right	8.6mm	US

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



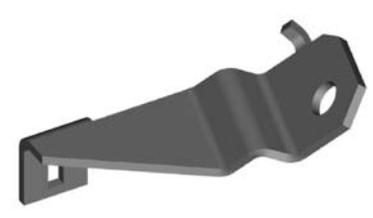
LOCATION	HOLE	FITS
Left	7mm	US

BQB29



LOCATION	HOLE	FITS
Either	9.6mm	US

BQB30



LOCATION	HOLE	FITS
Rear	10.4mm	US

Fitting Brackets

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

BQB53



LOCATION	HOLE	FITS
Right	9mm	US

BQB54



LOCATION	HOLE	FITS
Left	9mm	US

BQB63



LOCATION	HOLE	FITS
Rear	10.8mm	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

BQB80



LOCATION	HOLE	FITS
Either	8.8mm	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

Fitting Brackets

A = Asian

EU = European

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UNI = Universal

V = Various

BRACKETS

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

BQB94



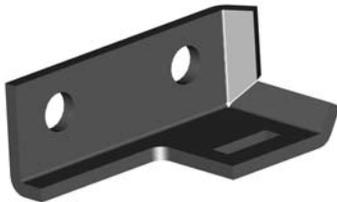
LOCATION	HOLE	FITS
Right	9.0mm	US

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	3/8UNC	US

BQB118



LOCATION	HOLE	FITS
Either	12mm	US

BQB119



LOCATION	HOLE	FITS
Left	9mm	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

Fitting Brackets

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

BRACKETS

Fitting Brackets

BQB166



LOCATION	HOLE	FITS
Left	9mm	US

BQB171



LOCATION	HOLE	FITS
Either	8.7mm	US

BQB312



LOCATION	HOLE	FITS
Left	6.3mm	US

BQB313



LOCATION	HOLE	FITS
Right	6.3mm	US

DID YOU KNOW?

Copper washers or brake fluid compatible bonded washers should only be used for sealing the high pressures found in braking systems. Aluminum and nylon washers are for low pressure only and should not be used on braking systems.

DID YOU KNOW?

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

BRACKETS

BQB02



LOCATION	HOLE	FITS
Right	M6 x 1	US

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



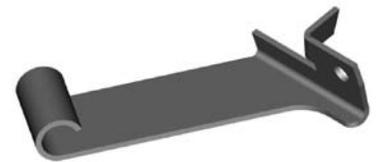
LOCATION	HOLE	FITS
Left	9mm	US

BQB19



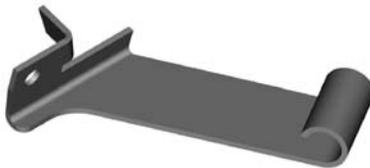
LOCATION	HOLE	FITS
Right	9mm	US

BQB21



LOCATION	HOLE	FITS
Left	6mm	US

BQB22



LOCATION	HOLE	FITS
Right	6mm	US

BQB23



LOCATION	HOLE	FITS
Either	8.8mm	US

BQB31



LOCATION	HOLE	FITS
Either	6mm	A

BQB32



LOCATION	HOLE	FITS
Right	8mm	US

BQB34



LOCATION	HOLE	FITS
Left	M6 x 1	US

BQB35



LOCATION	HOLE	FITS
Right	M6 x 1	US

Center Brackets

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

BRACKETS

Center Brackets

BQB36



LOCATION	HOLE	FITS
Left	8.4mm	US

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



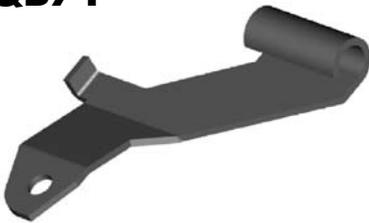
LOCATION	HOLE	FITS
Either	M8x1.25	US

BQB70



LOCATION	HOLE	FITS
Left	9.2mm	US

BQB71



LOCATION	HOLE	FITS
Right	9.2mm	US

BQB72



LOCATION	HOLE	FITS
Left	7mm	US

BQB73



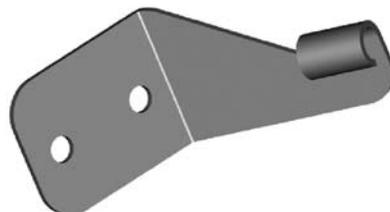
LOCATION	HOLE	FITS
Right	7mm	US

BQB74



LOCATION	HOLE	FITS
Left	8.8mm	US

BQB77



LOCATION	HOLE	FITS
Left	9.1mm	US

BQB78



LOCATION	HOLE	FITS
Right	8.8mm	US

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EU = European

US = United States

UNI = Universal

V = Various

BRACKETS

BQB81



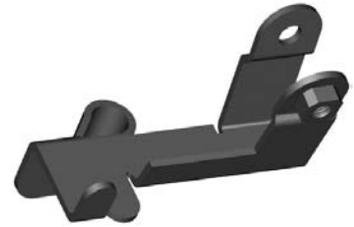
LOCATION	HOLE	FITS
Rear	9.0mm	US

BQB85



LOCATION	HOLE	FITS
Either	9mm	US

BQB92



LOCATION	HOLE	FITS
Left	M6 x 1	US

BQB93



LOCATION	HOLE	FITS
Right	M6x1	US

BQB98



LOCATION	HOLE	FITS
Right	9mm	US

BQB99



LOCATION	HOLE	FITS
Left	9mm	US

BQB100



LOCATION	HOLE	FITS
Left	9mm	US

BQB101



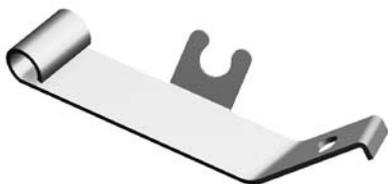
LOCATION	HOLE	FITS
Right	9mm	US

BQB109



LOCATION	HOLE	FITS
Left	7mm	US

BQB110



LOCATION	HOLE	FITS
Right	7mm	US

BQB140



LOCATION	HOLE	FITS
Right	9mm	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



LOCATION	HOLE	FITS
Either	M6 x 1	US

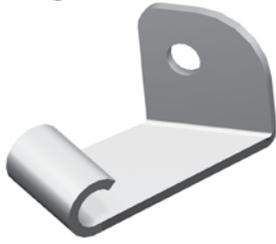
Center Brackets

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

BRACKETS

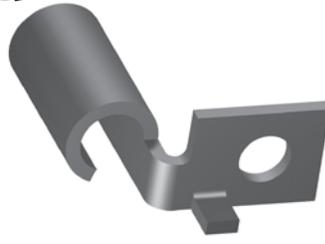
Center Brackets

BQB169



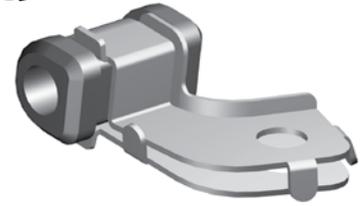
LOCATION	HOLE	FITS
Either	9mm	US

BQB172



LOCATION	HOLE	FITS
Either	9mm	US

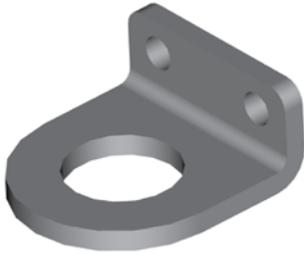
BQB174



LOCATION	HOLE	FITS
Right	9mm	A

Universal

BQB06



DID YOU KNOW?

If you study the design on the heads of banjo fittings, you will find that there are hundreds of different designs. The reason this is so is because the design engineer has to ensure that the banjo fitting cannot rotate once installed. If the banjo fitting was able to rotate counterclockwise, then this could loosen the banjo bolt and thus create a leak and ultimately brake failure. It is important that this is taken into consideration when selecting banjo fittings.

DID YOU KNOW?

BrakeQuip supplies two sizes of compression fittings in both steel and stainless steel (3/16" = HF30 & 1/4" = HF31). These have been added to the range of fittings to cater for the power trim hoses on boats and clutch hydraulic hoses. It is not recommended for use on braking systems.

A = Asian

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V = Various

RUBBER HOSE COMPONENTS

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

BQ234



DIAMETER	OAL	FITS
19mm	34mm	A

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

PLASTIC CLIPS

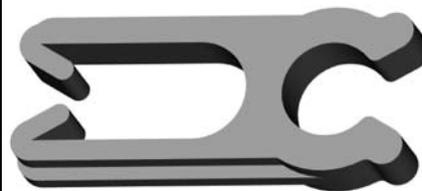
BQ65



BQ66



BQ67



BQ68



BQ69



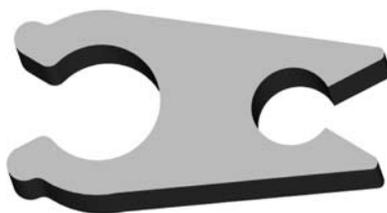
BQ70



BQ97

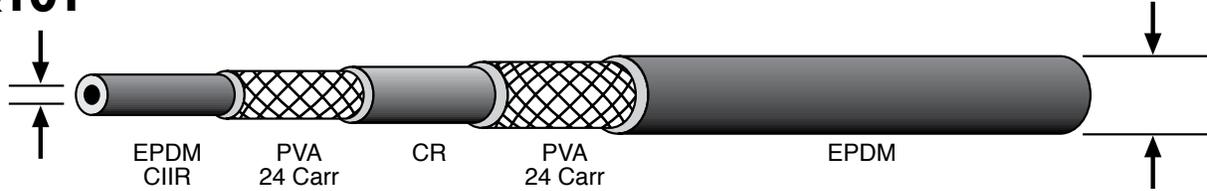


BQ98



Rubber Brake Hose

BQ101



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

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

- 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
- (50' Minimum)

BQ11



Hose Protector Spring
(PKT 6)

BQ12



Fitting Shoulder Clips
(PKT 20)

BQ312-BK BQ312-GY



Available in 10' increments

Heat Protection Sleeve

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

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

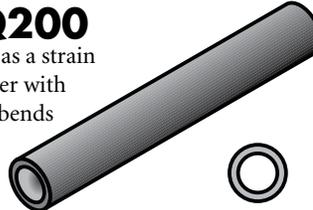
BQ71



Bracket Retaining Screws
(PKT 50)

BQ200

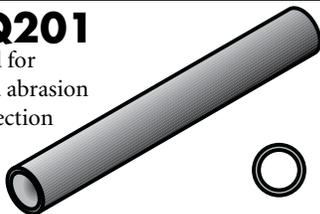
Used as a strain reliever with tight bends



Insulating Hose Thick
(10' Length)

BQ201

Used for extra abrasion protection



Insulating Hose Thin
(50' Length)

BQ202



Plastic Protector Spring
(Length = 500mm or 19.5")

Rubber Brake Hose Cutter



**Economy Style
BQ2102**



**Replacement Blade
BQ2101B**



BQ2103

This heavy duty tool cuts hose clean & square every time - with ease.

Blade is reversible for double life.

STAINLESS STEEL BRAIDED HOSE & ACCESSORIES



Braided Hose Insert

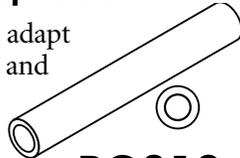
PART NO.	DESCRIPTION
BQ251-SV	Braided Hose Insert - Silver
BQ251-BK	Braided Hose Insert - Black
BQ251-BL	Braided Hose Insert - Blue
BQ251-RD	Braided Hose Insert - Red
BQ251-PP	Braided Hose Insert - Purple
BQ251-GD	Braided Hose Insert - Gold
BQ251-GR	Braided Hose Insert - Green
BQ251-YL	Braided Hose Insert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

Stainless Steel Braided Brake Hose

PART NO.	SIZE	JACKET COLOR
BQ301	1/8" ID	Nil
BQ303	1/8" ID	Clear
BQ303BK	1/8" ID	Black
BQ303BL	1/8" ID	Blue
BQ303RD	1/8" ID	Red

Clear Center Fitting Adapter 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

TOOLS



BQ1019

Hose Expander

Ideal for the pre-installation of fittings into 1/8" ID Teflon braided hose. Three-sided tool fits into a drill chuck for easy application. Simply place tool into drill chuck & rotate into end of hose.

BQ36



Skiving Tool

BQ42525



Replacement Cutting Wheel

This handy tool is the ultimate tool for skiving the jacket off 1/8" ID braided hose – cuts cleanly and square to the correct length every time. The incorporated mandrel also acts as a hose expander to help with the installation of the fitting.

DISCONTINUED



Replacement Jaws **BQ2006A**



BQ2006

BQ2006B



Mount bracket allows you to secure shears so that you can cut hose with one hand.

Stainless Steel Braided Hose Shears

Heavy duty shears for a clean cut every time. Portable & light weight for ease of use. Suitable for cutting hose up to 1/2" OD. Replacement jaws available (BQ2006A).

Small Braided Hose Shears



BQ2104

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.

Stainless Steel Fittings

Polished Stainless Steel Fittings

Complete your brake plumbing job with stainless steel fittings for non-rusting durability. Polished finish for the chrome like look.

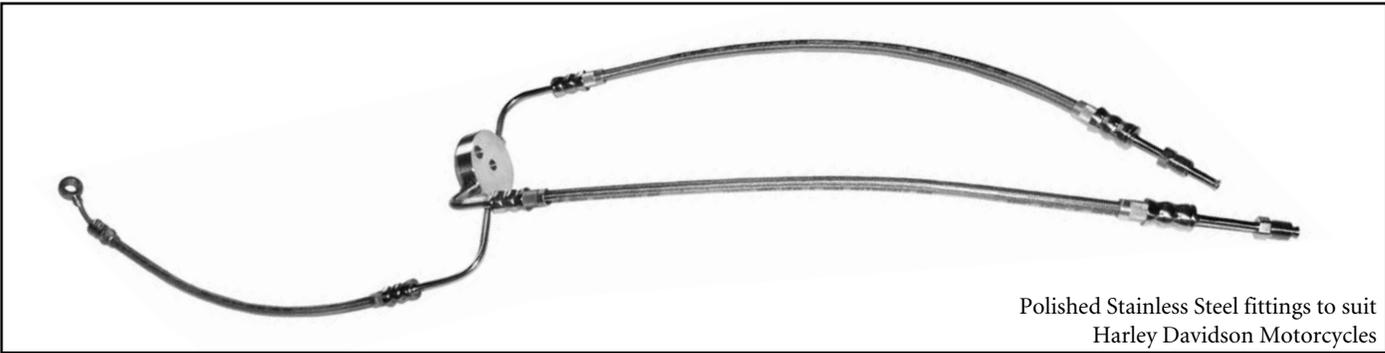


See these polished Stainless Steel Motorcycle Fittings above on page 66.



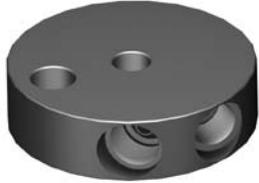
PART NO.	DESCRIPTION
BQ56ASS	3-Way Tube Tee - 3/8" x 24NF - 5/16" mount hole
BQ111SS	Female Tube Joiner - 7/16" x 24NS
BQ2577SS	Tube Nut Male (7/16" x 24NS - 1/4")
BQ3052SS	Brake Hose Retaining Clip
BQ4511SS	Tube Nut Male (M10 x 1 - 3/16")
BQ4513SS	Tube Nut Male (M12 x 1 - 1/4")
BQ5555SS	Tube Nut Male (3/8" x 24NF - 3/16")
BQ5842SS	Tube Nut Male (7/16" x 24NS - 3/16")
BQ8093SS	Banjo Bolt - 3/8" x 24NF x 1"L
BQ8095SS	Banjo Bolt - M10 x 1 x 1"L
BQ8099SS	Banjo Bolt - M10 x 1.25 x 1"L
HF01SS	Fitting - Lifesaver - 3/16" Countersink
HF06SS	Fitting - Male Swivel Nut 7/16" x 24NS (90°)
HF07SS	Fitting - Male Swivel Nut 7/16" x 24NS (45°)
HF09SS	Fitting - Female Swivel Nut 3/8" x 24NF (Straight) No. 3AN
HF10SS	Fitting - Female Swivel Nut 3/8" x 24NF (45°) No. 3AN
HF11SS	Fitting - Female Swivel Nut 3/8" x 24NF (90°) No. 3AN
HF12SS	Fitting - Female Swivel Nut 7/16" x 20NF (Straight) No. 4AN
HF13SS	Fitting - Female Swivel Nut 7/16" x 20NF (45°) No. 4AN
HF14SS	Fitting - Female Swivel Nut 7/16" x 20NF (90°) No. 4AN
HF15SS	Fitting - Male Swivel Nut 7/16" x 24NS
HF16SS	Fitting - Male Swivel Nut 3/8" x 24NF
HF17SS	Fitting - Male Swivel Nut 3/8" x 24NF (90°)
HF30SS	Fitting - 3/16" Compression
HF31SS	Fitting - 1/4" Compression
HF33SS	Fitting - Male Swivel Nut 3/8" x 24NF (45°)
HFB09SS	Fitting - Banjo 10 x 10mm
HFB34SS	Fitting - Banjo 10 x 8mm (Extra long Neck)
HFB37SS	Fitting - Banjo 10 x 10mm (Extra long Neck)
HFIF01SS	Fitting - Female 3/8" x 24NF
HFIF02SS	Fitting - Female 7/16" x 24NS
HFIM01SS	Fitting - Male 3/8" x 24NF Short
HFIM03SS	Fitting - Male 7/16" x 20NF Short
HFIM19SS	Fitting - Male 1/8" x 27NPT
HFMF04SS	Fitting - Female M10 x 1 (17mm Flats)
HFMM06SS	Fitting - Male M10 x 1 (Short)

MOTORCYCLE PROGRAM



Polished Stainless Steel fittings to suit Harley Davidson Motorcycles

BQ177SS



Stainless

THREAD	FLARE	OAL	FITS
3/8" x 24NF	45°	47mm	US

HF16SS



Stainless

THREAD	FLARE	OAL	FITS
3/8" x 24NF	45°	57mm	V

HF17SS



Stainless

THREAD	FLARE	OAL	FITS
3/8" x 24NF	45°	49mm	V

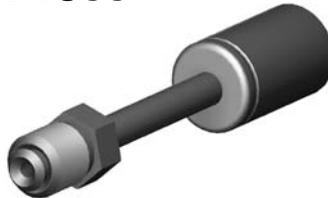
HF33SS



Stainless

THREAD	FLARE	OAL	FITS
3/8" x 24NF (3)	45°	65mm	V

HF43SS



Stainless

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

HF45SS



Stainless

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

HF46SS



Stainless

THREAD	FLARE	OAL	FITS
3/8" x 24NF	45°	64mm	US

HFB47SS



Stainless

HOLE	THICK	OAL	FITS
12mm	10mm	50mm	US

HFB151SS



Stainless

HOLE	THICK	OAL	FITS
10mm	9mm	-	US

HFB171SS



Stainless

HOLE	THICK	OAL	FITS
10mm	8mm	65mm	US

HFB178SS



Stainless

HOLE	THICK	OAL	FITS
7/16"	8mm	65mm	US

HFIF126SS



Stainless

THREAD	FLARE	OAL	FITS
3/8" x 24NF	Inverted	31mm	US

A = Asian

EU = European

US = United States

UNI = Universal

V = Various

Join the Revolution!



EziBend Tube

Convert steel tubes to non-rusting EziBend tube:

- Exceeds International Standards
- Doesn't rust or corrode
- Easy to flare and bend
- Able to bend tube by hand on vehicle
- OEM on luxury European vehicles
- Polishes to a brilliant finish
- Long term safety benefits
- Made in the USA
- Available in sizes 3/16", 1/4", 5/16", 3/8"

EziBend Tube

PART NO.	OD SIZE	WALL THICKNESS	LENGTH
T187-25CN	3/16"	.028"	25'
T187-100CN	3/16"	.028"	100'
T250-25CN	1/4"	.028"	25'
T250-100CN	1/4"	.028"	100'
T312-25CN	5/16"	.028"	25'
T375-25CN	3/8"	.028"	25'
T375-25CN-35	3/8"	.035"	25'

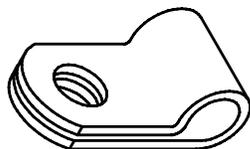
Male Tube Nuts

PART NO.	THREAD	TUBE
BQ72	M10 x 1	3/16" DIN
BQ2577	7/16" x 24NS	1/4"
BQ2578	1/2" x 20NF	5/16"
BQ4276	3/8" x 20BSF	3/16"
BQ4277	7/16" x 20NF	1/4"
BQ4285	3/8" x 24NF	3/16"
BQ4510	M9 x 1	3/16"
BQ4511	M10 x 1	3/16"
BQ4511-11	M10 x 1	3/16"
BQ4511LT	M10 x 1	3/16"
BQ4512	M10 x 1.25	3/16"
BQ4513	M12 x 1	1/4"
BQ5555	3/8" x 24NF	3/16"
BQ5842	7/16" x 24NS	3/16"
BQ6118	7/16" x 20NF	3/16"
BQ9169	M12 x 1	1/4" DIN
BQ9180	M12 x 1	3/16"
BQ9181	5/8" x 18NF	3/8"
BQ9182	M12 x 1.5	1/4"
BQ9183	M14 x 1.5	1/4"
BQ9184	1/2" x 20NF	3/16"
BQ9185	9/16" x 18NF	3/16"
BQ9186	9/16" x 18NF	1/4"
BQ9187	1/2" x 20NF	1/4"
BQ9188	M10 x 1.5	3/16"
BQ9189	M11 x 1.0	3/16"
BQ9190	M11 x 1.25	3/16"
BQ9191	M11 x 1.5	3/16"
BQ9192	M12 x 1.25	3/16"
BQ9193	M12 x 1.5	3/16"
BQ9194	M13 x 1.0	3/16"
BQ9195	M13 x 1.25	3/16"
BQ9196	M13 x 1.5	3/16"
BQ9197	M14 x 1.5	5/16"
BQ9198	M16 x 1.5	5/16"
BQ9199	M18 x 1.5	5/16"

Female Tube Nuts

PART NO.	THREAD	TUBE
BQ55	3/8" x 24NF	3/16"
BQ57	7/16" x 20NF	1/4"
BQ9174	M12 x 1	3/16"
BQ9175	M10 x 1	3/16"
BQ9176	3/8" x 24NF	3/16"
BQ9177	1/2" x 20NF	5/16"
BQ9178	M12 x 1.5	1/4"
BQ9179	M12 x 1	1/4"

Brake Tube Clamp

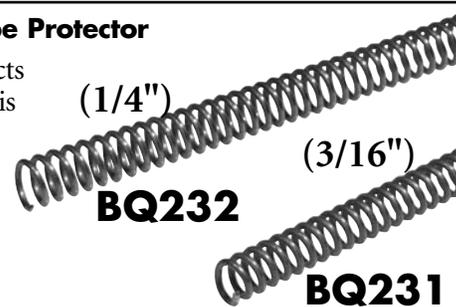


Non-Rusting White Nylon

PART NO.	SIZE
BQ249	3/16"
BQ250	1/4"

Brake Tube Protector

- No rust Stainless Steel Spring protects your brake tube from gravel & debris
- Easy to install
- Just cut to length
- Available in sizes 3/16" ID & 1/4" ID in 3 feet lengths
- Can be polished to shine.



Polished Stainless Steel Tube

This brightly finished tube is annealed which makes it easier to flare and bend.

PART NO.	OD SIZE	WALL THICKNESS	LENGTH
T187-20SS	3/16"	.028"	20'
T250-20SS	1/4"	.028"	20'
T312-20SS	5/16"	.028"	20'
T375-20SS	3/8"	.028"	20'



The Fastest Flaring Tool in The West

Just Got Faster, Better and Less expensive!



Produce professional tube flares in a matter of seconds. This highly efficient tool allows you quick profits and improved customer service.

Just dial and activate your required operation and your done! The BrakeQuip Flaring Tool has become the industry standard. It produces single and double flares to SAE and DIN standards on any light walled tubing 3/16" to 1/2".

FEATURES:

- Punch turret has OP-1* and OP-2** punches positioned side by side for efficiency
- Cam lever operation provides speed and efficiency
- Features automatic punch extraction
- Smooth die channel does not mark tube
- Comes in a rugged plastic case

*OP-1 = First Operation,

**OP-2 = Second Operation

HIGH Speed Flaring Tool

BQ350

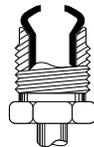
BQ351

(Supersedes BQ27008)

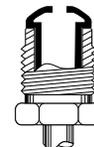
BQ350 - Creates 37° and 45° single and double flares as well as DIN. Includes 14-die sets and 16-punches. Sizes 3/16" - 1/2"

BQ351 - Is a basic version which creates 45° single and double flares including DIN. Includes 5-die sets and 7-punches. Sizes 3/16", 1/4", 5/16" and 3/8" and 4.75mm.

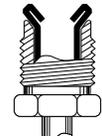
Creates these flares instantly:



SAE (Single), "Bubble"



DIN (Single), "Mushroom"



SAE/DIN (Double)

Straightens Coiled Tube...Fast

At Last...A Tool To Straighten Tube That's Economical



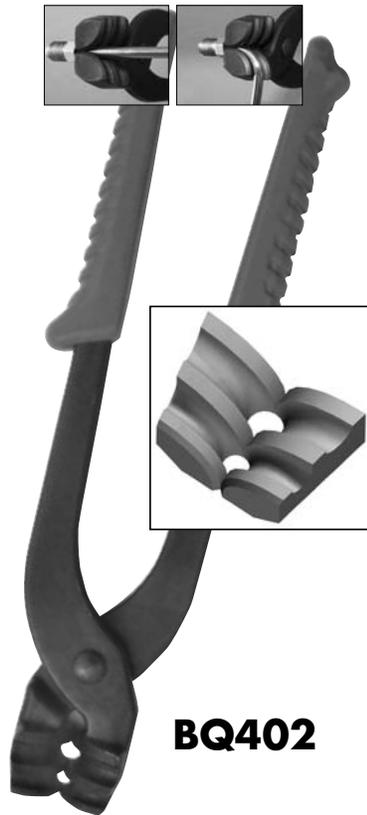
Easily straightens light wall tubing from 3/16" to 1/2". Simply feed your coiled tube into the straightener and it comes out straight on the other side.

- Fully adjustable
- Smooth operation (roller bearing guides)
- Vice or bracket mounted
- Can be used on all types of annealed tubing (even stainless)

BQ1025

The Handiest Tool in a Brake Mechanic's Toolbox

Brake Tube Pliers



BQ402

For use on 3/16" and 1/4" brake tube.

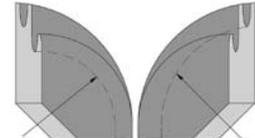
Convenient and Quality Crafted

Brake mechanics often testify that this tool is the handiest tool in their tool boxes. Brake Tube Pliers are lightweight, yet strong enough for any brake job.

Brake Tube Pliers are designed to work efficiently, securely, and accurately in tight spaces, without damaging the brake tube.

So, when the job calls for working with 3/16" or 1/4" brake tube, Brake Tube Pliers will make life as easy as 1, 2, 3.

Distinguishing Features

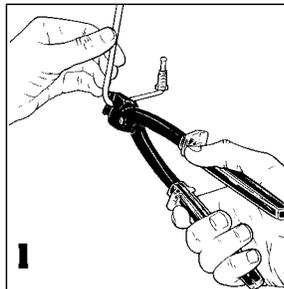


10mm Radius for 3/16" tube

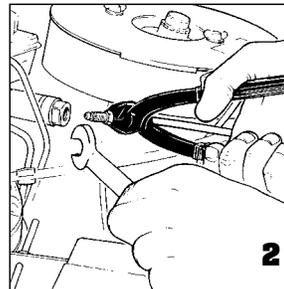
16mm Radius for 1/4" tube

1/4" tube bending feature has appropriate bend radius for a tight bend without kinking.

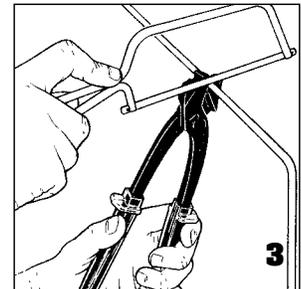
2.0 mm step avoids damaging the tube and gives more support.



1
Brake Tube Pliers allows a tight 90° bend on the brake tube, right at the tube nut.



2
Brake Tube Pliers allow you to align the tube nut during assembly. In addition, it grips 3/16" or 1/4" brake tube securely without damaging it.



3
The hardened, square face on the back of Brake Tube Pliers acts as a guide to cut 3/16" or 1/4" brake tube squarely.

The Automotive Thread Gauge

Instantly identifies at least 99% of brake plumbing threads.

Check Threads in an Instant...Accurately:



BQ2100

- Includes the 16 most popular Male and Female threads used on braking systems
- Includes both Male & Female size gauging
- Includes both Metric and Imperial
- Gauge can be used to plug fluid ports
- Color coded in groups for fast selection
- All threads are hardened for long life
- Comes in sturdy black plastic case



Each gauge is available separately.

PART NO.	DESCRIPTION
BQ2100	Kit
BQ2100A	3/8" x 24NF
BQ2100B	7/16" x 24NS
BQ2100C	7/16" x 20NF
BQ2100D	1/2" x 20NF
BQ2100E	M10 x 1.0
BQ2100F	M10 x 1.25
BQ2100G	M12 x 1.0
BQ2100H	M12 x 1.5
BQ2100J	9/16" x 18NF
BQ2100K	9/16" x 20NS
BQ2100L	M9 x 1.0
BQ2100M	M10 x 1.5
BQ2100N	M12 x 1.25
BQ2100P	M11 x 1.25
BQ2100Q	M14 x 1.5
BQ2100R	3/8" x 20BSF

Blue - Most popular Metric threads
 Red - Most popular Imperial threads
 Gold - Less popular Metric threads
 Green - Less popular Imperial threads

Repair Power Steering Hoses...Easily

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.



Braze Fittings

PART NO.	SIZE
PSHF101	3/8"
PSHF102	10mm
PSHF105	11mm

Compression Fittings

PART NO.	SIZE
PSHF103	3/8"
PSHF104	10mm

Female Swivel Fittings

No. 6 JIC

PART NO.	THREAD
PSHF106	9/16" x 18NF

To be used in conjunction with BQ226 (3/8") and BQ227 (10mm) braze on fittings.

High Pressure Power Steering Hose



BQ330

ID SIZE	OD SIZE	WORKING PRESSURE	MIN. BURST PRESSURE	MIN. BEND RADIUS
3/8"	18mm	1,500 psi	6,000 psi	3-1/4"

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. High expansion for noise resistance. Complies with SAE J2050 standards.

Low Pressure Power Steering Hose



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.

Flow Restrictor



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.

Center Support for Hose Clamp



PSHF100

Designed to slide onto hose and be lightly crimped.



BQ2090

Power Steering Dies
 Suits **BQ1005** machine. Crimp dies available for other crimping machines.



BQ7003

Power Steering Adaptor Kit



BQ1026

Rear

BQ2091

Front

Crimp Setting Tools
 For power steering hoses.

MISCELLANEOUS FITTINGS

BQ222



Universal Tandem Trailer Fitting (4 way)

- 3/8" x 24NF x 4 (Inverted Seat)
- Secured by bulkhead mount (Use **BQ13** bulkhead nut)
- Eliminates fittings and joins
- Any excess ports can be blanked off with a **BQ19** plug

BQ141



Swivel Elbow

3/8" x 24NF - 3/8" x 24NF

This handy swivel fitting is ideal for a tight 90° situation where the connection needs to be seated on an inverted seat.

BQB06



Universal Mounting Bracket

Universal hole size allows most brake hoses to be securely mounted. Bracket can be screwed on, riveted or welded to frame. Rounded finish for professional looks.

BQ3052



Brake Hose Retaining Clip

Universal clip design secures most brake hoses to mounting surface.

BQ3053



Suits Toyota vehicles

BQ7812



3-Way Tee

FEATURES:

- 3/8" x 24NF x 3 (Inverted Seat)
- All steel construction

BQ153



Braze On Fitting

The ultimate problem solver for connecting metal tube to hose.

FEATURES:

- Universal countersink hole for 3/16" & 1/4" tube sizes
- Popular No. 3 JIC take off point

BQ181



Bleed Screw Repair Kit

This repair kit will rescue your brake component that has a stripped or broken bleed screw. Simply drill and tap to 1/8" x 27NPT thread. Works for all metals.

BQ182



5/8" x 18NF inverted - Straight

BQ183



5/8" x 18NF inverted - 90°

Transmission Line Adapters

Convert your push on connection transmission lines to a double flare connection. This enables you to make and repair these lines in your shop.

BQ244



Copper Seat Sealer

The ideal solution for sealing damaged seats. Suitable for all 3/8" and 10mm female fitting seats.

BQ226

Countersunk for 3/8" tube



Braze-On Fitting

No. 6 JIC (9/16" x 18NF) male braze-on fitting for power steering tubes.

BQ227

Countersunk for 10mm tube

BQ266



Female Hose Joiner

3/8" x 24NF No.3 JIC (AN)

Joins 3/8" x 24NF female fittings – universal design for both seat types.

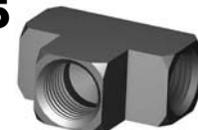
BQ264



3-Way Tee

3/8" x 24NF x (3) inverted seat
Compact steel fitting for joining 3 lines.

BQ265



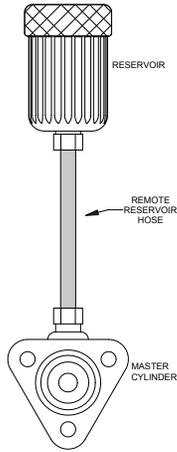
3-Way Tee

3/8" x 24NF x (2) inverted seat
1/8" x 27NPT x (1)
Compact steel fitting for installing brake pressure switch into system.

MISCELLANEOUS

Remote Reservoir Hose

This brake fluid compatible hose connects any remote brake fluid reservoir to the master cylinder.



PART NO.	ID SIZE	OD
BQ320	1/4"	7/16"
BQ321	5/16"	1/2"
BQ322	3/8"	9/16"



Available in 10' lengths

CONSUMABLES

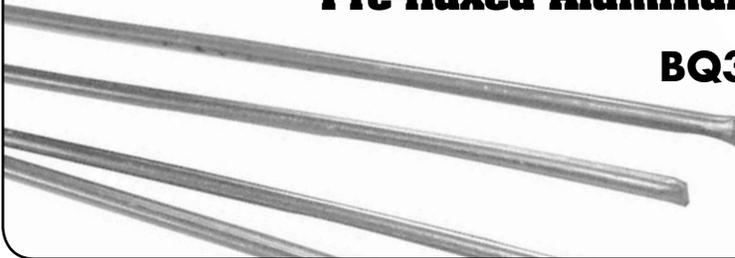
Pre-fluxed Silver Brazing Rods



BQ33

A brazing rod for the professional brazing of steel, stainless or brass (or any combination of these metals). Designed for brazing high pressure fittings – Convenient pre-fluxed rod makes it a breeze to braze (No flux required) – Contains no Cadmium for safe use. (1/4 lb. - 8 rods per pack - 18" long)

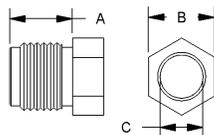
Pre-fluxed Aluminum Brazing Rods



BQ34

These pre-fluxed aluminum brazing rods make the welding of aluminum tubes and fittings easy and convenient. They come in packets of 5 rods - 18" long.

TUBE NUTS



Tube Nuts

Most BrakeQuip tube nuts have two distinct features for easier installation & dismantling.

Male Tube Nuts

PART NO.	THREAD	A	B	C
BQ72	M10 x 1	14mm	10mm	3/16" DIN
BQ2577	7/16" x 24NS	13mm	7/16"	1/4"
BQ2578	1/2" x 20NF	12mm	1/2"	5/16"
BQ4276	3/8" x 20BSF	16mm	3/8"	3/16
BQ4277	7/16" x 20NF	18mm	7/16"	1/4"
BQ4285	3/8" x 24NF	16mm	3/8"	3/16"
BQ4510	M9 x 1	14mm	10mm	3/16"
BQ4511	M10 x 1	14mm	10mm	3/16"
BQ4511-11	M10 x 1	12mm	11mm	3/16"
BQ4511LT	M10 x 1	14mm	10mm	3/16"
BQ4512	M10 x 1.25	15mm	10mm	3/16"
BQ4513	M12 x 1	15mm	12mm	1/4"
BQ5555	3/8" x 24NF	10mm	3/8"	3/16"
BQ5842	7/16" x 24NS	10mm	7/16"	3/16"
BQ6118	7/16" x 20NF	18mm	7/16"	3/16"
BQ9169	M12 x 1	15mm	14mm	1/4" DIN
BQ9180	M12 x 1	15mm	12mm	3/16"
BQ9181	5/8" x 18NF	14mm	5/8"	3/8"
BQ9182	M12 x 1.5	13mm	12mm	1/4"
BQ9183	M14 x 1.5	15mm	14mm	1/4"
BQ9184	1/2" x 20NF	13mm	1/2"	3/16"
BQ9185	9/16" x 18NF	14mm	9/16"	3/16"
BQ9186	9/16" x 18NF	14mm	9/16"	1/4"
BQ9187	1/2" x 20NF	14mm	1/2"	1/4"
BQ9188	M10 x 1.5	15mm	10mm	3/16"
BQ9189	M11 x 1.0	15mm	11mm	3/16"
BQ9190	M11 x 1.25	15mm	11mm	3/16"
BQ9191	M11 x 1.5	15mm	11mm	3/16"
BQ9192	M12 x 1.25	15mm	12mm	3/16"
BQ9193	M12 x 1.5	15mm	12mm	3/16"
BQ9194	M13 x 1.0	15mm	13mm	3/16"
BQ9195	M13 x 1.25	15mm	13mm	3/16"
BQ9196	M13 x 1.5	15mm	13mm	3/16"
BQ9197	M14 x 1.5	15mm	14mm	5/16"
BQ9198	M16 x 1.5	16mm	16mm	5/16"
BQ9199	M18 x 1.5	16mm	18mm	5/16"

- A small step on end of the thread**
– This allows for easier installation because the step acts as a guide & makes it easier to start the thread. It also gives the thread clearance at the end which eliminates the problem of flaring out when over tightened. If this happens, the nut can be very difficult to remove & can some times destroy the thread when removed.
- A thread relief under the hex** – Apart from looking more professional, this allows the nut to be screwed down right up to the hex if necessary.

FEATURES:

- Male & Female
- Imperial & Metric Threads
- Various tube sizes
- Zinc plated for corrosion resistance

Assortment kits available.

To order see Part No.

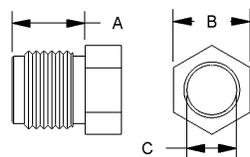
BQ7005 & BQ7006.

See page 78 for Assortment Kit.

Female Tube Nuts

PART NO.	THREAD	A	B	C
BQ55	3/8" x 24NF	8mm	1/2"	3/16"
BQ57	7/16" x 20NF	3/8"	9/16"	1/4"
BQ9174	M12 x 1	10mm	16mm	3/16"
BQ9175	M10 x 1	10mm	1/2"	3/16"
BQ9176	3/8" x 24NF	10mm	1/2"	3/16"
BQ9177	1/2" x 20NF	7/16"	5/8"	5/16"
BQ9178	M12 x 1.5	10mm	16mm	1/4"
BQ9179	M12 x 1	10mm	16mm	1/4"

STAINLESS STEEL TUBE NUTS



Stainless Steel Tube Nuts

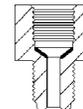
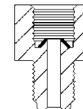
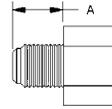
Give your vehicle the professional look of non-rusting stainless steel.

- Bright finish
- Professional design
- Long lasting

PART NO.	TYPE	THREAD	A	B	C
BQ2577SS	Male	7/16" x 24NS	13mm	7/16"	1/4"
BQ4511SS	Male	M10 x 1	14mm	10mm	3/16"
BQ4513SS	Male	M12 x 1	15mm	12mm	1/4"
BQ5555SS	Male	3/8" x 24NF	10mm	3/8"	3/16"
BQ5842SS	Male	7/16" x 24NS	10mm	7/16"	3/16"

THREAD ADAPTERS

Male - Female Thread Adapters



Save time & hassle when adapting different threads quickly & easily. Universal Male thread can be sealed with all sealing combinations.

FEATURES:

- Imperial & Metric Threads
- Inverted seat & drill point seats available
- Zinc plated for corrosion resistance

Assortment kit available.

To order see Part No. **BQ7004**.

See page 78 for Assortment Kit.

PART NO.	MALE THREAD	FEMALE THREAD	SEAT TYPE	A	B
BQ40	M10 x 1	M10 x 1	Y	13mm	13mm
BQ41	M10 x 1	M10 x 1.25	X	12mm	13mm
BQ42	M10 x 1.25	M10 x 1	X	12mm	13mm
BQ43	M12 x 1	M10 x 1	X	12mm	16mm
BQ44	M10 x 1	M12 x 1	X	12mm	16mm
BQ45	3/8" x 24NF	7/16" x 24NS	X	12mm	9/16"
BQ46	7/16" x 24NS	3/8" x 24NF	X	12mm	9/16"
BQ47	7/16" x 20NF	3/8" x 24NF	X	12mm	9/16"
BQ48	1/8" x 27NPT	3/8" x 24NF	X	12mm	1/2"
BQ49	M10 x 1	3/8" x 24NF	X	12mm	13mm
BQ50	3/8" x 24NF	M10 x 1	X	12mm	1/2"
BQ120	1/2" x 20NF	3/8" x 24NF	X	12mm	16mm
BQ121	9/16" x 20NS	3/8" x 24NF	X	12mm	11/16"
BQ122	1/2" x 20NF	7/16" x 24NS	X	12mm	16mm
BQ123	9/16" x 18NF	7/16" x 24NS	X	12mm	11/16"
BQ124	9/16" x 18NF	3/8" x 24NF	X	12mm	11/16"
BQ125	M10 x 1	3/8" x 24NF	Y	12mm	13mm
BQ126	7/16" x 20NF	M10 x 1	Y	12mm	9/16"
BQ127	7/16" x 24NS	1/2" x 20NF	X	12mm	5/8"
BQ156	3/8" x 24NF	3/8" x 24NF	X	12mm	9/16"
BQ187	M10 x 1.5	1/8" x 27NPT	Y	11mm	9/16"
BQ246	1/8" x 27NPT	M12 x 1	Y	12mm	16mm
BQ247	3/8" x 24NF	1/8" x 27NPT	Y	11mm	9/16"
BQ248	1/2" x 20NF	1/8" x 27NPT	Y	11mm	9/16"
BQ260	3/8" x 24NF	1/2" x 20NF	X	12mm	16mm
BQ261	3/8" x 24NF	9/16" x 18NF	X	12mm	11/16"
BQ262	9/16" x 18NF	3/8" x 24NF	Y	12mm	11/16"

BUMP TUBE ADAPTERS

Bump Tube Adapters

Handy, hard to get tube adapters for power steering & fuel systems.

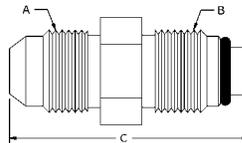
FEATURES:

- Comes with a high temperature Viton "O" ring
- Imperial & Metric Threads

Assortment kit available.

To order see Part No. **BQ7003**.

See page 78 for Assortment Kit.



PART NO.	A	B	C
14MMBT-6MJ	9/16" x 18NF (No.6 JIC)	M14 x 1.5	39mm
16MMBT-6FI	5/8" x 18NF (Inverted Seat)	M16 x 1.5	32mm
16MMBT-6MJ	9/16" x 18NF (No.6 JIC)	M16 x 1.5	39mm
18MMBT-6MJ	9/16" x 18NF (No.6 JIC)	M18 x 1.5	39mm
5MBT-5MJ	1/2" x 20NF (No. 5 JIC)	1/2" x 20NF	37mm
7MBT-6MJ	9/16" x 18NF (No.6 JIC)	11/16" x 18NF	41mm

MALE TEST ADAPTERS

Male Test Adapters

These handy test Adapters can be used for a variety of applications including tapping into your hydraulic system for pressure readings. Will fit most bleed screw openings.

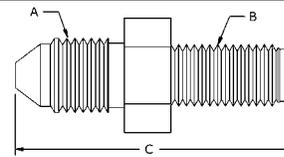
FEATURES:

- Imperial & Metric Threads
- Take off point are universal JIC ends
- Zinc plated for corrosion resistance

Assortment kit available.

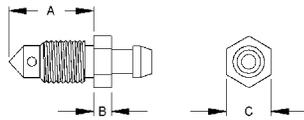
To order see Part No. **BQ7010**.

See page 79 for Assortment Kit.



PART NO.	A	B	C
BQ128	3/8" x 24NF (No. 3 JIC)	M10 x 1.25	36mm
BQ129	3/8" x 24NF (No. 3 JIC)	M10 x 1.00	36mm
BQ130	3/8" x 24NF (No. 3 JIC)	M10 x 1.5	60mm
BQ131	7/16" x 20NF (No. 4 JIC)	3/8" x 24NF	37mm
BQ132	3/8" x 24NF (No. 3 JIC)	1/4" x 28NF	36mm
BQ133	3/8" x 24NF (No. 3 JIC)	5/16" x 24NF	36mm
BQ134	7/16" x 20NF (No. 4 JIC)	7/16" x 24NS	37mm
BQ135	3/8" x 24NF (No. 3 JIC)	3/8" x 24NF	36mm
BQ144	7/16" x 20NF (No. 4 JIC)	M12 x 1.00	37mm
BQ145	7/16" x 20NF (No. 4 JIC)	M10 x 1.00	30mm
BQ157	3/8" x 24NF (No. 3 JIC)	1/8" x 28BSPP	30mm

BLEED SCREWS



PART NO.	THREAD	A	B	C
BQ4433	3/8" x 24NF	20mm	5mm	10mm
BQ4434	M10 x 1	23mm	6mm	10mm
BQ4435	M10 x 1	19mm	6mm	10mm
BQ4438	5/16" x 24NF	17.5mm	5mm	5/16"
BQ4439	1/4" x 28NF	15mm	5mm	1/4"
BQ4440	M10 x 1.5	18mm	5mm	10mm
BQ4441	M7 x 1	22mm	5mm	1/4"
BQ4442	M8 x 1.25	22mm	5mm	8mm
BQ4443	M8 x 1	18mm	5mm	8mm
BQ4444	7/16" x 24NS	24mm	5mm	7/16"
BQ4445	7/16" x 20NF	21mm	5mm	7/16"
BQ4446	M10 x 1.25	21mm	5mm	10mm

Bleed Screws

These popular bleed screws makes replacement easy.

FEATURES:

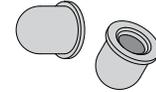
- Heavy duty hex allows for good gripping
- Zinc plated for corrosion resistance
- Imperial & Metric Threads

Assortment kit available.

To order see Part No. **BQ7014**.

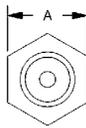
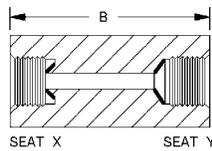
See page 79 for Assortment Kit.

Bleeder Caps



BQ315 (Small)
BQ316 (Large)

FEMALE TUBE JOINERS



PART NO.	THREAD	SEAT TYPE	A	B
BQ110	3/8" x 24NF	X	1/2"	22.2mm
BQ111	7/16" x 24NS	X	9/16"	25.0mm
BQ112	1/2" x 20NF	X	5/8"	25.0mm
BQ113	5/8" x 18NF	X	3/4"	29.0mm
BQ114	M10 x 1	Y	13.0mm	29.0mm
BQ115	3/8" x 24NF	Y	1/2"	29.0mm
BQ116	M12 x 1	X	5/8"	25.0mm
BQ117	M10 x 1	X	13.0mm	22.0mm
BQ119	9/16" x 18NF	X	3/4"	27.0mm
BQ147	M12 x 1	Y	16.00mm	28.0mm

Female Tube Joiners

The recommended way to legally join two tubes together. BrakeQuip tube joiners allow you to join tubes professionally & safely.

FEATURES:

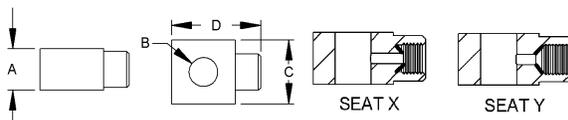
- Imperial & Metric Threads
- Inverted seat & drill point seats available
- Zinc plated for corrosion resistance

Assortment kit available.

To order see Part No. **BQ7009**.

See page 79 for Assortment Kit.

BANJO UNIONS



PART NO.	THREAD	SEAT TYPE	A	B	C	D
BQ60	3/8" x 24NF	X	1/2"	10mm	17mm	27mm
BQ61	M10 x 1	X	13mm	10mm	17mm	27mm
BQ62	7/16" x 24NS	X	14mm	7/16"	18mm	28mm
BQ63	1/2" x 20NF	X	16mm	1/2"	20mm	30mm

Banjo Unions

These fittings allow you to convert most joints to a sharp 90 degrees legally & professionally. The swivel feature of these fittings gives you more flexibility in installation.

FEATURES:

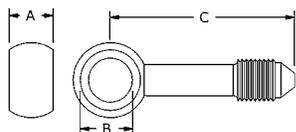
- Imperial & Metric Threads
- Zinc plated for corrosion resistance

Assortment kit available.

To order see Part No. **BQ7001**.

See page 78 for Assortment Kit.

BANJO ADAPTERS



PART NO.	A	B	C	THREAD
BQ150	10mm	10mm	42mm	3/8" x 24NF (No. 3 JIC)
BQ151	10mm	10mm	21mm	3/8" x 24NF (No. 3 JIC)
BQ152	10mm	10mm	21mm x (2)	3/8" x 24NF (No. 3 JIC)
BQ155	10mm	10mm	42mm	7/16" x 20NF (No.4 JIC)

Banjo Adapters

These fittings allow you to convert most joints to a sharp 90° legally & professionally. The swivel feature of these fittings gives you more flexibility in installation.

FEATURES:

- Imperial & Metric Threads
- Zinc plated for corrosion resistance

Assortment kit available.

To order see Part No. **BQ7001**.

See page 78 for Assortment Kit.

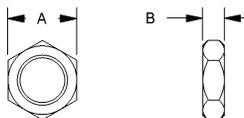
BULKHEAD NUTS

Bulkhead Nuts

The biggest range of brake hose bulkhead nuts in the country.

FEATURES:

- Zinc plated for corrosion resistance
- Imperial & Metric Threads
- Heavy duty construction



PART NO.	THREAD	A	B
BQ13	5/8" x 18NF	15/16"	8mm
BQ75	7/8" x 14NF	1-1/8"	8mm
BQ77	11/16" x 16NF	1"	8mm
BQ78	3/8" x 24NF	1/2"	5mm
BQ79	M10 x 1	13mm	5mm
BQ80	7/16" x 20NF	5/8"	6mm
BQ81	M12 x 1	19mm	6mm
BQ82	M12 x 1.5	19mm	6mm
BQ83	1/2" x 20NF	3/4"	6mm
BQ84	3/4" x 16NF	1-1/16"	8mm
BQ85	M20 x 1.5	27mm	8mm
BQ86	M18 x 1.5	25mm	8mm
BQ87	M16 x 1.5	22mm	7mm
BQ88	M14 x 1.5	19mm	6mm
BQ89	7/8" x 18NS	1-1/8"	8mm

COPPER WASHERS

Copper Washers

Heavy duty copper washers for maximum sealing power. The legal & professional way to seal high pressure hydraulic braking systems.

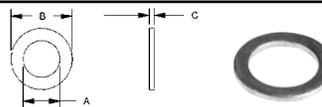
FEATURES:

- Sizes to fit all banjo bolts
- Reduced outer diameter for less interference
- Annealed for maximum sealing

Assortment kit available.

To order see Part No. **BQ7000**.

See page 78 for Assortment Kit.



PART NO.	NOMINAL ID	A	B	C
BQ813	8mm	8.1	13.00	1.3
BQ3858	3/8"	9.6	15.60	1.5
BQ1016	10mm	10.1	16.00	1.5
BQ1118	7/16"	11.2	18.00	1.5
BQ1218	12mm	12.1	18.00	1.5
BQ1320	1/2"	12.8	20.00	2.0
BQ1421	9/16"	14.3	22.00	2.0
BQ1522	15mm	15.1	22.00	2.0
BQ1624	16mm	16.1	24.00	2.0

BANJO BOLTS

Banjo Bolts

A banjo bolt for every application.

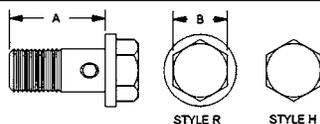
FEATURES:

- Reduced head size for appearance & less interference
- Zinc plated for corrosion resistance
- Imperial & Metric Threads

Assortment kit available.

To order see Part No. **BQ7007**.

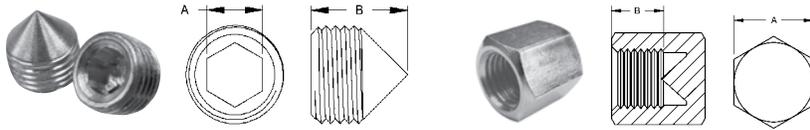
See page 79 for Assortment Kit.



PART NO.	THREAD	HEAD STYLE	A	B
BQ8076	M8 x 1	R	17mm [11/16"]	10mm
BQ8077	M8 x 1.25	R	16mm [5/8"]	10mm
BQ8078	M12 x 1.25	R	25mm [1"]	14mm
BQ8083 *	M10 x 1	H	34.5mm [1-3/8"]	14mm
BQ8084 *	M10 x 1.25	H	34.5mm [1-3/8"]	14mm
BQ8085 *	3/8" x 24NF	H	34.5mm [1-3/8"]	9/16"
BQ8086	M10 x 1.5	R	24mm [15/16"]	11mm
BQ8087	M11 x 1.25	R	24mm [15/16"]	5/8"
BQ8088	M10 x 1.5	R	27mm [1-1/16"]	10mm
BQ8089	7/16" x 20NF	R	24mm [15/16"]	7/16"
BQ8090	7/16 x 24NS	R	27mm [1-1/16"]	1/2"
BQ8092	M12 x 1.5	R	25mm [1"]	14mm
BQ8093	3/8" x 24NF	R	25mm [1"]	14mm
BQ8094	M10 x 1	R	26mm [1"]	14mm
BQ8095	M10 x 1	R	22mm [7/8"]	12mm
BQ8096	7/16" x 20NF	R	27mm [1-1/16"]	11mm
BQ8097	1/2" x 20NF	R	30mm [1-3/16"]	9/16"
BQ8098	M12 x 1	R	21mm [13/16"]	13mm
BQ8099	M10 x 1.25	R	22mm [7/8"]	12mm

* Double Banjo Bolt

FITTING PLUGS



Fitting Plugs

The ideal fitting for blanking off high pressure fluid ports. Fitting design has a universal seat so no sealing compounds necessary.

FEATURES:

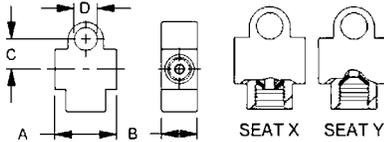
- Zinc plated for corrosion resistance
- Imperial & Metric Threads

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

3-WAY TUBE TEE'S WITH MOUNTING HOLE

"A" Style

Original Style



3-Way Tube Tee's with Mounting Hole

The ideal fitting for legally joining 3 tubes together. Also features a mounting hole for secure installation.

FEATURES:

- Imperial & Metric Threads
- Inverted seat & drill point seats available
- Zinc plated for corrosion resistance

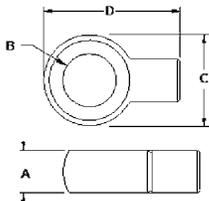
Assortment kit available.

To order see Part No. **BQ7002**.

See page 78 for Assortment Kit.

PART NO.	THREAD	SEAT TYPE	A	B	C	D
BQ56A	3/8" x 24NF	X	28mm	1/2"	7.70mm	5/16"
BQ90A	3/8" x 24NF	Y	1-1/4"	1/2"	9.00mm	5/16"
BQ91A	M10 x 1	X	1-1/4"	1/2"	9.00mm	8mm
BQ92A	7/16" x 24NS	X	1-1/4"	14mm	9.00mm	5/16"
BQ93	1/8" x 27NPT	Y	26mm	1/2"	10.75mm	5/16"
BQ94	7/16" x 20NF	Y	30mm	14mm	10.75mm	3/8"
BQ95A	M10 x 1	Y	1-1/4"	14mm	10.00mm	7mm

WELD ON BANJO HEADS



Weld On Banjo Heads

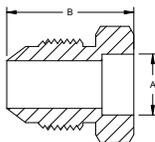
Designed to make plumbing easy when banjo fittings are necessary.

Simply braze 3/16" (4.75mm) tube to banjo head.

Can also be countersunk for 1/4" tube.

PART NO.	A	B	C	D
BQ223	8mm	10mm	17mm	25mm
BQ224	10mm	10mm	18mm	25mm
BQ225	10mm	7/16"	19mm	25mm

ALUMINUM WELD ON FITTINGS



**Ideal for
Oil Cooler
and A/C
lines.**

Aluminum Weld On Fittings

The ultimate convenience item for aluminum tubes found on air conditioning and oil cooler lines. This problem solver will make it easy to connect aluminum tube to flexible hose.

The pre-fluxed aluminum brazing rods **BQ34** are ideal for brazing these fittings.

PART NO.	THREAD	SEAT ANGLE	B	A
BQ170	9/16" x 18NF	37°	20mm	3/8"
BQ171	5/8" x 18NF	45°	22mm	3/8"
BQ172	3/4" x 16NF	37°	23mm	1/2"
BQ173	7/8" x 14NF	37°	26mm	5/8"
BQ174	1-1/16" x 14	45°	34mm	3/4"

ASSORTMENT KITS



BQ7000



BQ7002



BQ7004



BQ7001



BQ7003



BQ7005

Copper Washers

PART NO.	DESCRIPTION	QTY.
BQ1016	10mm ID x 16mm OD x 1.5mm thick	20
BQ1118	7/16" ID x 18mm OD x 1.5mm thick	20
BQ1218	12mm ID x 18mm OD x 1.5mm thick	20
BQ1320	1/2" ID x 20mm OD x 2mm thick	20
BQ1421	9/16" ID x 21mm OD x 2mm thick	10
BQ1522	15mm ID x 22mm OD x 2mm thick	10
BQ1624	16mm ID x 24mm OD x 2mm thick	10
BQ3858	3/8" ID x 5/8" OD x 1.5mm thick	20

BQ7000

Male - Female Thread Adaptors

PART NO.	DESCRIPTION	QTY.
BQ40	(M) M10 x 1 (F) M10 x 1 (DPS)	4
BQ41	(M) M10 x 1 (F) M10 x 1.25 (IS)	4
BQ42	(M) M10 x 1.25 (F) M10 x 1 (IS)	4
BQ43	(M) M12 x 1 (F) M10 x 1 (IS)	4
BQ44	(M) M10 x 1 (F) M12 x 1 (IS)	4
BQ45	(M) 3/8" x 24NF (F) 7/16" x 24NS (IS)	4
BQ46	(M) 7/16" x 24NS (F) 3/8" x 24NF (IS)	4
BQ47	(M) 7/16" x 20NF (F) 3/8" x 24NF (IS)	4
BQ48	(M) 1/8" x 27NPT (F) 3/8" x 24NF (IS)	4
BQ49	(M) M10 x 1 (F) 3/8" x 24NF (IS)	4
BQ50	(M) 3/8" x 24NF (F) M10 x 1 (IS)	4
BQ120	(M) 1/2" x 20NF (F) 3/8" x 24NF (IS)	4
BQ121	(M) 9/16" x 20NS (F) 3/8" x 24NF (IS)	4
BQ122	(M) 1/2" x 20NF (F) 7/16" x 24NS (IS)	4
BQ123	(M) 9/16" x 18NF (F) 7/16" x 24NS (IS)	4
BQ124	(M) 9/16" x 18NF (F) 3/8" x 24NF (IS)	4
BQ125	(M) M10 x 1 (F) 3/8" x 24NF (DPS)	4
BQ156	(M) 3/8" x 24NF (F) 3/8" x 24NF (IS)	4

BQ7004

Banjo Unions & Adaptors

PART NO.	DESCRIPTION	QTY.
BQ60	Union 10mm Hole x 1/2" (T) - 3/8" x 24NF (IS)	4
BQ61	Union 10mm Hole x 13mm (T) - M10x1 (IS)	4
BQ62	Union 7/16" Hole x 14mm (T) - 7/16" x 24NS (IS)	4
BQ63	Union 1/2" Hole x 16mm (T) - 1/2" x 20NF (IS)	4
BQ150	Adapter 10 x 10mm (Ext.) - 3/8" x 24NF (No. 3 JIC)	4
BQ151	Adapter 10 x 10mm - 3/8" x 24NF (No. 3 JIC)	4

BQ7001

T = Thickness IS = Inverted Seat

3-Way Tube Tee with Mounting Hole

PART NO.	DESCRIPTION	QTY.
BQ56A	3/8" x 24NF (IS) 5/16" Mount Hole	2
BQ90A	3/8" x 24NF (DPS) 5/16" Mount Hole	2
BQ91A	M10 x 1 (IS) 8mm Mount Hole	2
BQ92A	7/16" x 24NS (IS) 5/16" Mount Hole	2
BQ93	1/8" x 27NPT 5/16" Mount Hole	2
BQ94	7/16" x 20NF (DPS) 3/8" Mount Hole	2
BQ95A	M10 x 1 (DPS) 7mm Mount Hole	2

BQ7002

IS = Inverted Seat DPS = Drill Point Seat

Bump Tube Adaptors

PART NO.	DESCRIPTION	QTY.
14MMBT-6MJ	M14 x 1.5 - 9/16" x 18NF (No. 6 JIC)	4
16MMBT-6FI	M16 x 1.5 - 5/8" x 18NF (Female Inverted)	4
16MMBT-6MJ	M16 x 1.5 - 9/16" x 18NF (No. 6 JIC)	4
18MMBT-6MJ	M18 x 1.5 - 9/16" x 18NF (No. 6 JIC)	4
5MBT-5MJ	1/2" x 20NF - 1/2" x 20NF (No. 5 JIC)	4
7MBT-6MJ	11/16" x 16NF - 9/16" x 18NF (No. 6 JIC)	4

BQ7003

Metric Tube Nuts

PART NO.	DESCRIPTION	QTY.
BQ72	Male M10 x 1 - 3/16" Tube (DIN)	4
BQ4511	Male M10 x 1 - 3/16" Tube	10
BQ4512	Male M10 x 1.25 - 3/16" Tube	6
BQ4513	Male M12 x 1 - 1/4" Tube	6
BQ9174	Female M12 x 1 - 3/16" Tube	4
BQ9175	Female M10 x 1 - 3/16" Tube	4
BQ9178	Female M12 x 1.5 - 1/4" Tube	4
BQ9179	Female M12 x 1 - 1/4" Tube	4
BQ9180	Male M12 x 1 - 3/16" Tube	4
BQ9182	Male M12 x 1.5 - 1/4" Tube	4
BQ9183	Male M14 x 1.5 - 6mm Tube	4
BQ9188	Male M10 x 1.5 - 3/16" Tube	4
BQ9191	Male M11 x 1.5 - 3/16" Tube	4
BQ9192	Male M12 x 1.25 - 3/16" Tube	4
BQ9193	Male M12 x 1.5 - 3/16" Tube	4

BQ7005

IS = Inverted Seat DPS = Drill Point Seat (M) Male (F) Female

ASSORTMENT KITS



BQ7006



BQ7009



BQ7012



BQ7007



BQ7010



BQ7014

Imperial Tube Nuts

BQ7006

PART NO.	DESCRIPTION	QTY.
BQ57	Female 7/16" x 20NF - 1/4" Tube	4
BQ2577	Male 7/16" x 24NS - 1/4" Tube	10
BQ2578	Male 1/2" x 20NF - 5/16" Tube	6
BQ4276	Male 3/8" x 20BSF - 3/16" Tube	4
BQ4277	Male 7/16" x 20NF - 1/4" Tube	4
BQ4285	Male 3/8" x 24NF - 3/16" Tube	4
BQ5555	Male 3/8" x 24NF - 3/16" Tube	10
BQ5842	Male 7/16" x 24NS - 3/16" Tube	10
BQ6118	Male 7/16" x 20NF - 3/16" Tube	6
BQ9176	Female 3/8" x 24NF - 3/16" Tube	4
BQ9177	Female 1/2" x 20NF - 5/16" Tube	4
BQ9184	Male 1/2" x 20NF - 3/16" Tube	4
BQ9185	Male 9/16" x 18NF - 3/16" Tube	4
BQ9186	Male 9/16" x 18NF - 1/4" Tube	4
BQ9187	Male 1/2" x 20NF - 1/4" Tube	4

Male Test Adaptors

BQ7010

PART NO.	DESCRIPTION	QTY.
BQ129	M10 x 1.0 - 3/8" x 24NF (No. 3 JIC)	4
BQ130	M10 x 1.5 - 3/8" x 24NF (No. 3 JIC)	4
BQ131	3/8" x 24NF - 7/16" x 20NF (No. 4 JIC)	4
BQ133	5/16" x 24NF - 3/8" x 24NF (No. 3 JIC)	4
BQ134	7/16" x 24NS - 7/16" x 20NF (No. 4 JIC)	4
BQ135	3/8" x 24NF - 3/8" x 24NF (No. 3 JIC)	4
BQ144	M12 x 1.0 - 7/16" x 20NF (No. 4 JIC)	4

Brake Hose Plugs

BQ7012

PART NO.	DESCRIPTION	QTY.
BQ18	Male M10 x 1	2
BQ19	Male 3/8" x 24NF	2
BQ26	Male 7/16" x 24NS	2
BQ160	Female 3/8" x 24NF	2
BQ161	Female 7/16" x 24NS	2
BQ162	Female 7/16" x 20NF	2
BQ163	Female 1/2" x 20NF	2
BQ164	Female M10 x 1	2
BQ165	Female M10 x 1.25	2
BQ166	Female M12 x 1	2
BQ167	Female M12 x 1.5	2
BQ1020	Blocking off Tool (Fits banjo holes 3/8" to 5/8")	1

Banjo Bolts

BQ7007

PART NO.	DESCRIPTION	QTY.
BQ8086	M10 x 1.5 L = 23mm	4
BQ8087	M11 x 1.25 L = 23mm	4
BQ8088	M10 x 1.5 L = 29mm	4
BQ8089	7/16" x 20NF L = 15/16"	4
BQ8090	7/16" x 24NS L = 1-1/16"	4
BQ8092	M12 x 1.5 L = 25mm	4
BQ8093	3/8" x 24NF L = 1"	6
BQ8095	M10 x 1 L = 22mm	6
BQ8096	7/16" x 20NF L = 1-1/16"	4
BQ8097	1/2" x 20NF L = 1-3/16"L	4
BQ8098	M12 x 1 L = 21mm	4
BQ8099	M10 x 1.25 L = 22mm	4

Female Tube Joiners

BQ7009

PART NO.	DESCRIPTION	QTY.
BQ110	3/8" x 24NF (IS)	4
BQ111	7/16" x 24NS (IS)	4
BQ112	1/2" x 20NF (IS)	4
BQ114	M10 x 1 (DPS)	4
BQ115	3/8" x 24NF (DPS)	4
BQ116	M12 x 1 (IS)	4
BQ117	M10 x 1 (IS)	4

Bleed Screws

BQ7014

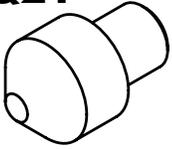
PART NO.	DESCRIPTION	QTY.
BQ315	Bleeder Cap - Small	10
BQ316	Bleeder Cap - Large	10
BQ4433	Bleed Screw 3/8" x 24NF	6
BQ4434	Bleed Screw M10 x 1 Long	4
BQ4435	Bleed Screw M10 x 1 Short	4
BQ4438	Bleed Screw 5/16" x 24NF	4
BQ4439	Bleed Screw 1/4" x 28NF	4
BQ4440	Bleed Screw M10 x 1.5	4
BQ4441	Bleed Screw M7 x 1	4
BQ4442	Bleed Screw M8 x 1.25	4
BQ4443	Bleed Screw M8 x 1	4
BQ4444	Bleed Screw 7/16" x 24NS	4
BQ4445	Bleed Screw 7/16" x 20NF	4
BQ4446	Bleed Screw M10 x 1.25	4

Test Adapter Kit BQ7013 see page 80.

IS = Inverted Seat DPS = Drill Point Seat

Test Cones

BQ21



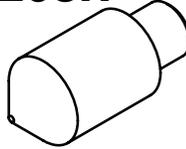
BQ21 Test Cone is designed as an aid for testing banjo fittings.

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.

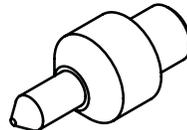
BQ207H



BQ206S

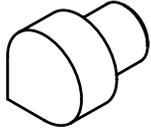


BQ206HS



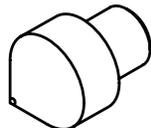
BQ206S and BQ206HS Test Cones are designed for testing female swivel fittings and female fittings with a drill point seat (DPS).

BQ208



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

BQ208H



Pressure Test Adapter Kit

PART NO.	QUANTITY	SIZE
BQ27	2	3/8"
BQ27H	2	3/8"
BQ28	2	10mm
BQ28H	2	10mm
BQ29	2	7/16"
BQ29H	2	7/16"
BQ30	2	12mm
BQ30H	2	12mm
BQ38	2	16mm
BQ38H	2	16mm
BQ39	2	15mm
BQ39H	2	15mm
BQ1020	1	3/8" - 5/8"

**Assortment Kit
BQ7013**

Note: Earlier machines with threaded cones will need the test adapter **BQ1023** and **BQ1024** to use these quick change cones.

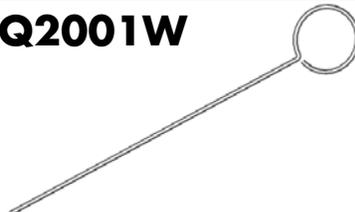
System Aids

BQ23



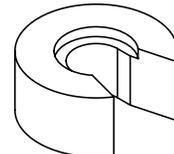
Fitting Test Spade

BQ2001W



Constriction Gauge

BQ1021A



Rear Crimp Setting Tool

BQ1021B



Switch Override Cap

BQ2005



**Pro System
Crimp Head Dust Cover**

BQ2008



**Pro System
Crimp Setting Tool**

BQ2010



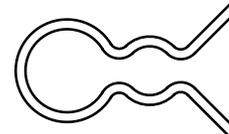
Countersink Drill Bit

BQ37



**Econo System
Crimp Setting Spade**

BQ1014



**Econo 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".

BQ1022



Fitting Pressure Test Adapter

Ideal for pre-testing reworked fittings.

BQ35



Calibration Tool

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

Fitting Plugs

The ideal fitting for blanking off high pressure fluid ports. Fitting design has a universal seat so no sealing compounds necessary.

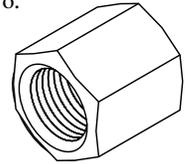
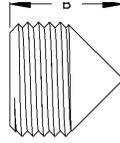
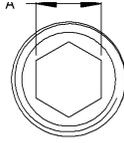
FEATURES:

- 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



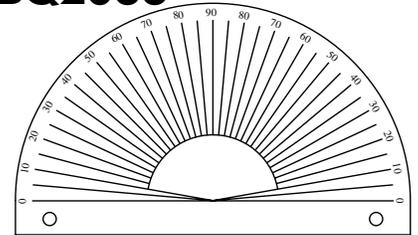
Part A - Banjo Bending Bar

BQ22B



Part B - Banjo Holder

BQ2033



Angle Gauge

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



BQ1150 Grease Gun

BQ1415 Grease Gun Adapter

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

Remove Frozen Bleeder Screws like a Pro...Easily

Introducing the new Bleeder Buster Tool Kit



No more heating up
No more drilling and tapping

No more hammering
No more cursing



BQ2200

- Can save you a lot of time.
- Pays for itself very quickly.
- Works on both cast iron and aluminum.

It is as simple as 1, 2, 3. Works every time.

1. Place filler wire into end of bleeder and cut to length.
2. Install tool into your air chisel and shock bleeder from the top.
3. Unscrew bleed screw with conventional tool.

How does it work? Installing the wire into the bleed screw prevents the walls of the bleed screw from collapsing when removing. Applying impact to the bleed screw for about three to four seconds will compress and work harden the bleeder screw and "shock" the threads free.

PART NO.	DESCRIPTION	QTY
BQ2200	Bleeder Buster Kit	
BQ2200-1	Adaptor Removal Tool	1
BQ2200W	Filler Wire Kit	1
BQ315	Bleeder Cap Small	10
BQ316	Bleeder Cap Large	10
BQ4433	Bleed Screw 3/8"NF	4
BQ4434	Bleed Screw M10 x 1 Long	4
BQ4435	Bleed Screw M10 x 1 Short	4
BQ4438	Bleed Screw 5/16 x 24NF	4
BQ4439	Bleed Screw 1/4 x 28NF	4
BQ4440	Bleed Screw M10 x 1.5	4
BQ4441	Bleed Screw M7 x 1	4
BQ4442	Bleed Screw M8 x 1.25	4
BQ4443	Bleed Screw M8 x 1	4
BQ4444	Bleed Screw 7/16 x 24NS	4
BQ4445	Bleed Screw 7/16 x 20NF	4
BQ4446	Bleed Screw M10 x 1.25	4

Note: The "compressed" bleed screw will need to be replaced after removal. A selection of replacement bleed screws supplied in kit. Additional bleed screws available.

FITTING STORAGE SYSTEM

Save Space and Find Parts Quicker



Typical Configuration
53" (H) x 41" (W) x 12" (D)

Shelves slide out for easy access. Each shelf can hold a combination of ten 3-1/2" wide shelf bins or five 7" wide shelf bins or any combination of these two sizes. Unit can be stacked and bolted together as shown in photo.

BQ78200 Storage System Kit

Consists of:
1 x (2 drawer) Sliding Shelf Cabinet
2 x (4 drawer) Sliding Shelf Cabinets
1 x Stationary Leg Set
80 x 3-1/2" Wide Bins
10 x 7" Wide Bins
50 x 3-1/2" Divider Sets

Or make your own modular system.

Shelf bins can be ordered separately in whatever combination best fits your needs. Three dividers come with each shelf bin as standard. Each shelf bin has 7 slots available to allow for maximum utilization. Dividers are available separately.



Typical configuration for shelf bins. Modular design allows for customization to suit you.

PART NO.	DESCRIPTION	DIMENSIONS
BQ78189	Fitting Storage Cabinet - 2 Shelf	41"(W) x 12"(H) x 12"(D)
BQ78190	Fitting Storage Cabinet - 4 Shelf	41"(W) x 21"(H) x 12"(D)
BQ78191	Stationary Leg Set	4"(H)
BQ78192	Heavy Duty Caster Leg Set (2 casters with brakes)	6"(H) total 10"(H)
BQ78193	Mounting Shelf	41"(W) x 6"(H) x 12"(D)
BQ78194	Fitting Bins x 10 - 3-1/2" wide (Includes 30 dividers)	3.5"(W) x 4"(H) x 11"(D)
BQ78195	Fitting Bins x 5 - 7" wide (Includes 15 dividers)	7"(W) x 4"(H) x 11"(D)
BQ78196	Dividers for 3-1/2" Bins (3 - Set)	
BQ78197	Dividers for 7" Bins (3 - Set)	



Mobile Inventory
Order the BQ78192 heavy duty caster leg set and have the inventory come to you!

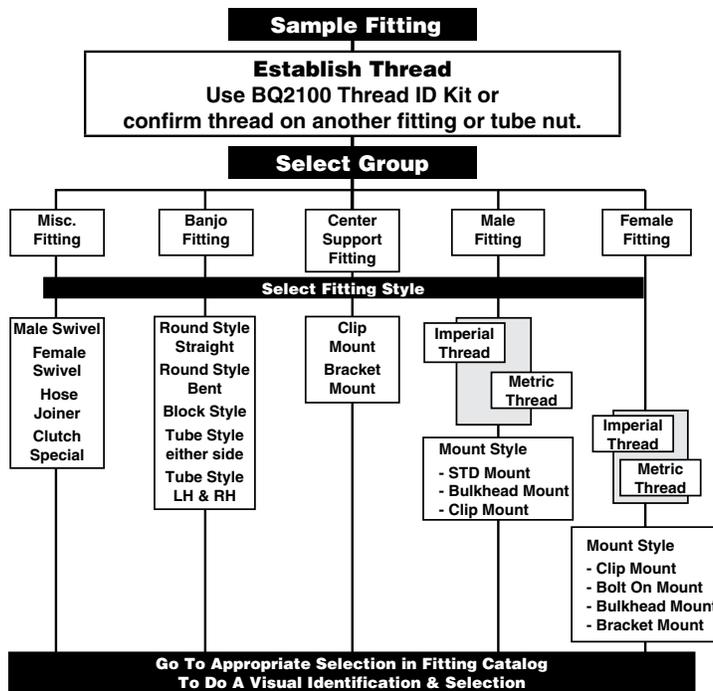
Identify Fittings in 60 Seconds or Less

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 - 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
HF	Miscellaneous
IM	Imperial Male
MM	Metric Male
IF	Imperial Female
MF	Metric Female
B	Banjo
C	Center Support
IFX	Imperial Female external thread mount
MFx	Metric Female external thread mount

NOTE: Imperial = American Standard

PREFIX	DESCRIPTION	EXAMPLE
HF01 – HF__	Hose Fittings of a Miscellaneous Nature	
HFIM01 – HFIM__	Male Fittings (Imperial Thread)	
HFMM01 – HFMM__	Male Fittings (Metric Thread)	
HFIF01 – HFIF__	Female Fittings (Imperial Thread)	
HFMF01 – HFMF__	Female Fittings (Metric Thread)	
HFB01 – HFB__	Banjo Fittings	
HFC01 – HFC__	Center Support Fittings	
HFIFX01 – HFIFX__	Female Imperial Thread (External Thread)	
HFMFX01 – HFMFX__	Female Metric Thread (External Thread)	
BQ	Any items that are not a crimpable hose fitting	

EDUCATIONAL INFORMATION

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

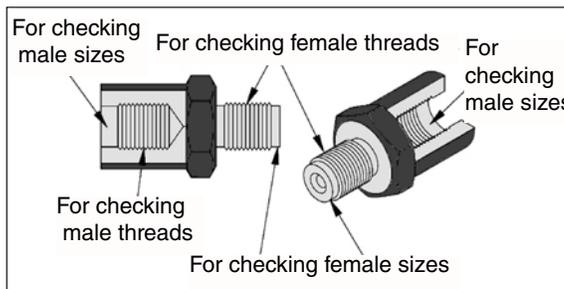
The two sizes most confused because they are so close in dimension are:

- a. 3/8" & 10mm. A 3/8" x24NF 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

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
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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
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Vehicle Details

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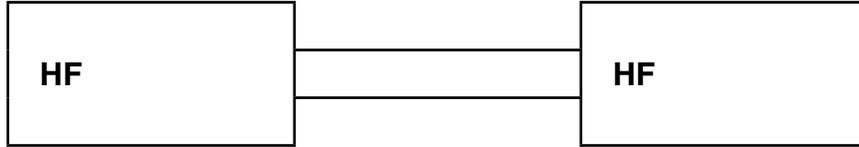
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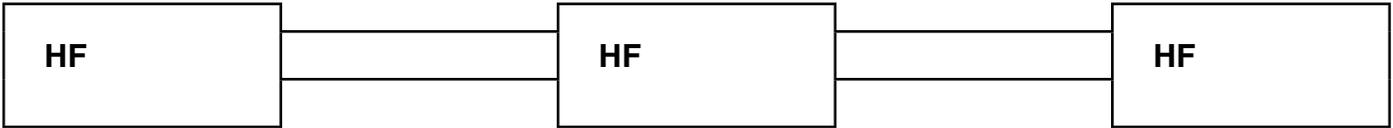
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Hose Position: _____

Hose Details



Length: _____



Length: (Fitting to Center Support Shoulder) _____ Length: (Center Support Shoulder to Fitting) _____

Other Notes: _____

Submitted By: _____

BQ Doc. No.: BQI-03 Rev.: 00 Date: 01/2004

BRAKE HOSE RECORDS FORM

Vehicle Details

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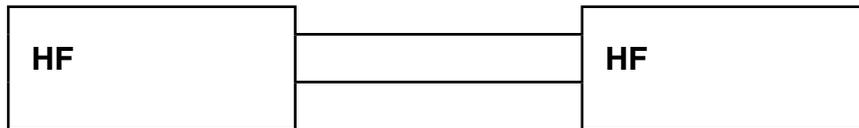
Disc/Disc

Disc/Drum

Drum/Drum

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Hose Details



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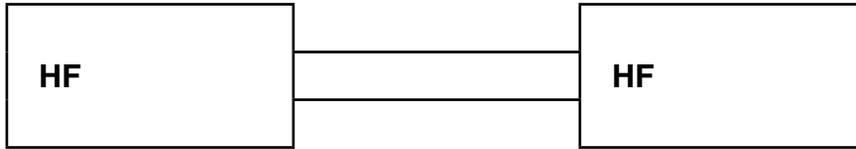
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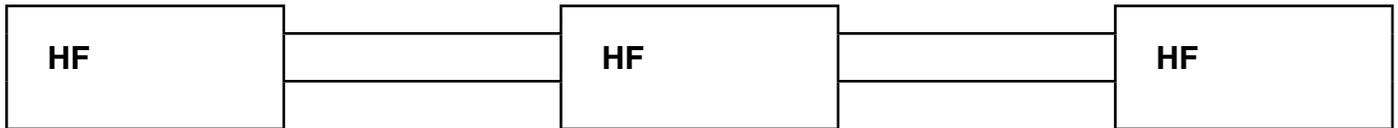
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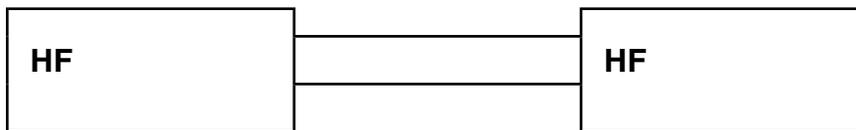
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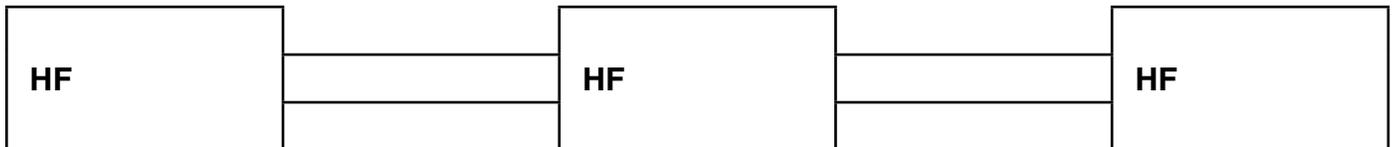
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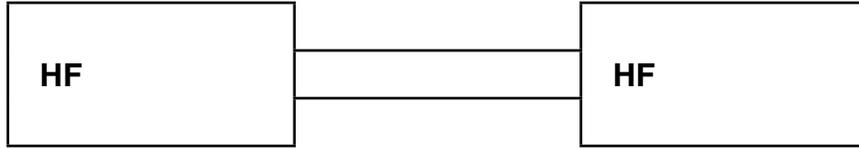
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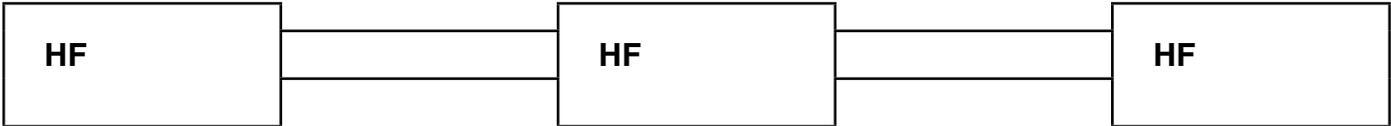
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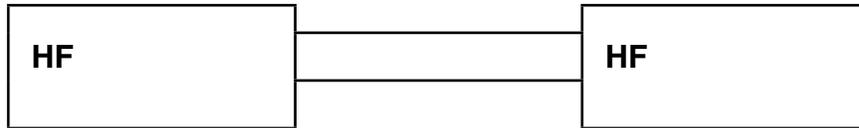
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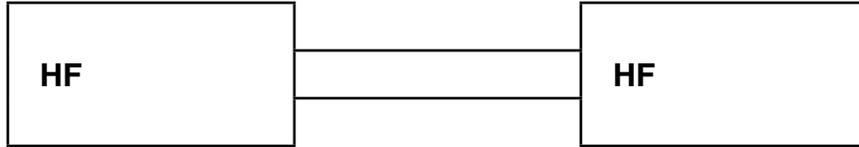
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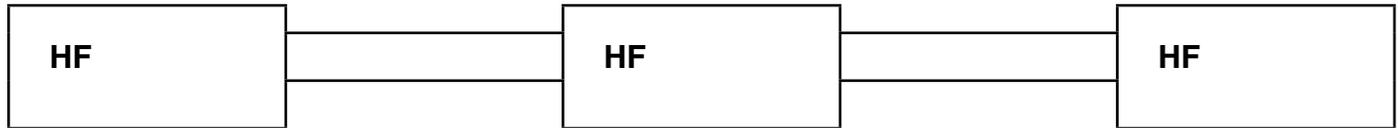
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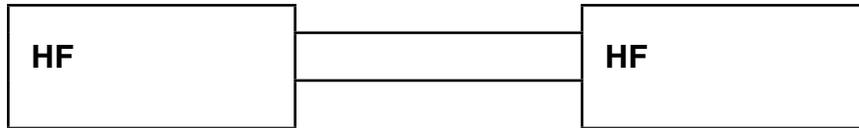
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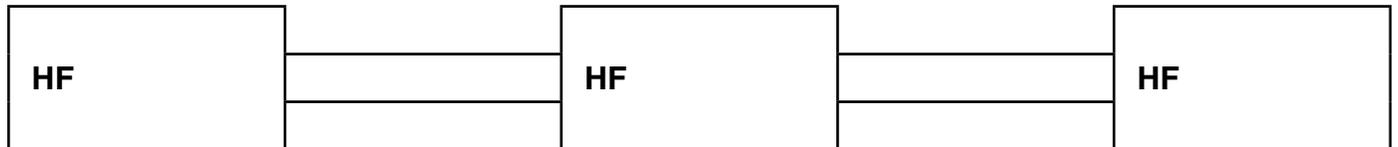
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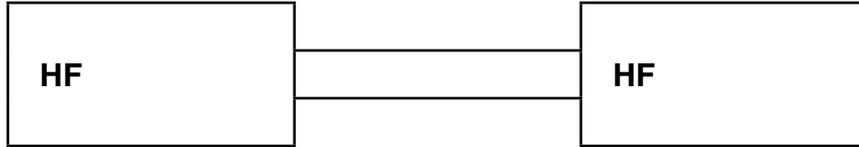
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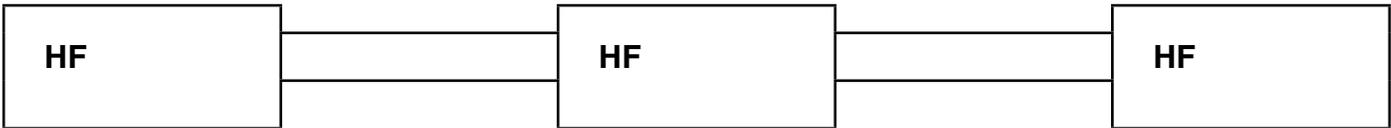
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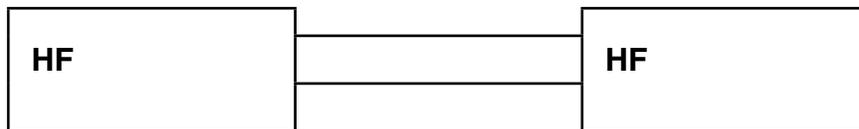
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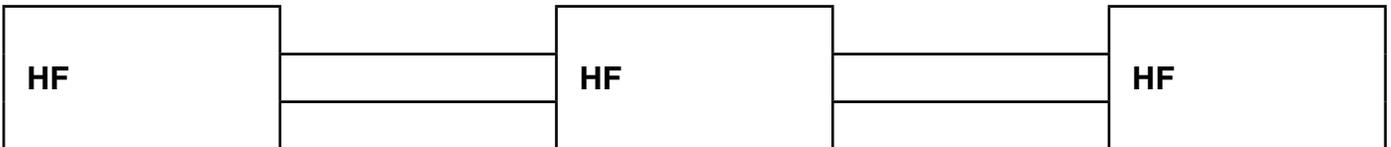
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Hose Position: _____

Hose Details



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Length: (Fitting to Center Support Shoulder) _____ Length: (Center Support Shoulder to Fitting) _____

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Promotional Marketing Material

T-Shirt



- BQ700-S** Small
- BQ700-M** Medium
- BQ700-L** Large
- BQ700-XL** Extra Large
- BQ700-XXL** Extra Extra Large

Cap



BQ710
One Size Fits All

Cloth Banner



BQ711
3' x 5'

Counter Mat



BQ730
16" x 20"

Decal (Medium)



BQ727
2.5" x 7.5"

Decal (Small)



BQ726
1-1/4" x 4-3/4"

Door Decal



BQ725
4.5" x 6"

Hose Display Stand



BQ2221
For both Rubber & Braided Hose
Note: Stand does not come with hose samples.

