

Automotive Plumbing Catalog

June 2017

Metal Tubing

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Tube Unions

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BrakeQuip[®]
INNOVATIVE SOLUTIONS FOR AUTOMOTIVE TUBES AND HOSES
Since 1998 brakequip.com

90/10 Cunifer Tubing

For the ultimate combination of corrosion resistance and ease of use, choose the EziBend family of tubing. EziBend tubing meets UNS C70600 requirements for material composition and is compliant with US Department of Transportation and Federal Motor Vehicle Safety Standards.

Volvo, Audi, Porsche, Rolls Royce, Lotus, Aston Martin, and other performance automobile makers use C70600 tubing. In the replacement market, C70600 tubing is the preferred tubing for brake lines, fuel, and transmission systems.

Durability

Unlike other similarly-priced tubing that attempts to protect the core material with a plating or coating, EziBend tubing is fabricated from a special alloy that is inherently rust and corrosion proof. There are no coatings to fail. EziBend will remain corrosion-proof after tube formation, scratches during installation, and nicks from road debris.

Ease of use

EziBend is strong, but easy to work with. It straightens, cuts, flares, and bends smoothly. And the same properties that make EziBend simple to shape allow it to achieve a superior sealing surface against fittings.



EziBend 2

- 0.028" wall thickness
- Polishes to a brilliant finish
- Seamless construction
- Ready for retail in pre-packaged coils

Part Number	OD	Coil Length
T187-25SE	3/16"	25ft
T187-100SE	3/16"	100ft
T250-25SE	1/4"	25ft
T250-100SE	1/4"	100ft
T312-25SE	5/16"	25ft
T375-25SE	3/8"	25ft

Original EziBend

- 0.028" wall thickness
- Polishes to a brilliant finish
- Made in the USA
- Unpackaged coils

Part Number	OD	Coil Length
T187-25CN	3/16"	25ft
T187-100CN	3/16"	100ft
T250-25CN	1/4"	25ft
T250-100CN	1/4"	100ft
T312-25CN	5/16"	25ft
T375-25CN	3/8"	25ft



On the right side of the standards

In cunifer tubing, nickel improves strength and corrosion resistance while allowing the tube to remain ductile. EziBend and EziBend 2 stood out in independent lab tests against three of the largest cunifer suppliers in the US and the UK.

	"Wholesale" Tubing (US)	"Parts Store" Tubing (US)	Leading UK Tubing	UNS C70600	EziBend	EziBend 2
Nickel Content	8.85%	8.92%	8.89%	9.0%–11.0%	10.30%	10.40%

316L Stainless Tubing

The pinnacle of automotive plumbing, our 316L marine-grade tubing has the highest level of corrosion protection combined with the stunning appearance of polished stainless steel.

Corrosion resistance

316L contains molybdenum, a corrosion resistor that is not found in 304 grade stainless.

See coil straighteners and benders on page 14 and 15, flaring tools on page 16, and stainless fittings on page 20.

Proper wall thickness

Thick-walled 304 stainless tubing meant for heavy industrial applications will damage automotive tube-working tools. Our 0.028"-walled tubing is strong enough for automotive, marine, and light industrial applications, yet easy to work using DIY automotive tools.



Part Number	OD	Coil Length
T187-20SS	3/16"	20ft
T250-20SS	1/4"	20ft
T312-20SS	5/16"	20ft
T375-20SS	3/8"	20ft

Soft-annealed

BrakeQuip 316L is soft-annealed, a heat treatment process which makes straightening, cutting, bending, and flaring far easier than with non-annealed stainless.

BrakeQuip can manufacture custom tubing OD, wall thickness, and coil length for large volume opportunities. For more information, contact sales@brakequip.com.

See inside back cover for brake and power steering hoses.

Remote Reservoir Hose

Part Number	ID	OD
BQ320	1/4"	7/16"
BQ321	5/16"	1/2"
BQ322	3/8"	9/16"

Remote Reservoir

Remote Reservoir Hose

Master Cylinder

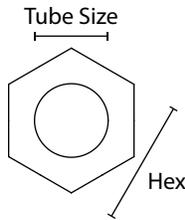
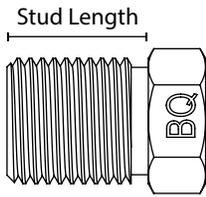
Other Tube and Hose Products

BQ313-SV Heat Shield
One size fits all. 5ft rolls.

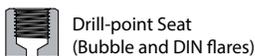
Spring Guards

Part Number	ID	OD	Material
BQ202	11.5mm	16.5mm	Black Nylon
BQ231	3/16"		Stainless Steel
BQ232	1/4"		Stainless Steel

Male Tube Nuts See page 13 for assortment kits BQ7005 (metric tube nuts) and BQ7006 (imperial tube nuts).



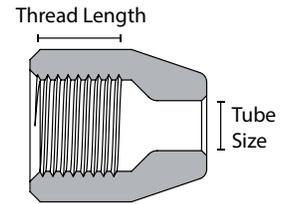
Part Number	Thread	Stud Length	Flare	Hex	Tube Size
BQ4276	3/8-20 BSF	14mm	45°	3/8	3/16"
BQ5555	3/8-24 UNF	9.1mm	45°	3/8	3/16"
BQ5555SS	3/8-24 UNF	9.1mm	45°	3/8	3/16"
BQ4285	3/8-24 UNF	17mm	45°	3/8	3/16"
BQ4277	7/16-20 UNF	18mm	45°	7/16	1/4"
BQ6118	7/16-20 UNF	17.5mm	45°	11mm	3/16"
BQ5842	7/16-24 UNS	9.1mm	45°	11mm	3/16"
BQ5842SS	7/16-24 UNS	9.1mm	45°	11mm	3/16"
BQ2577	7/16-24 UNS	12.5mm	45°	7/16	1/4"
BQ2577SS	7/16-24 UNS	12.5mm	45°	7/16	1/4"
BQ2578	1/2-20 UNF	10.2mm	45°	1/2	5/16"
BQ9184	1/2-20 UNF	10.2mm	45°	1/2	3/16"
BQ9187	1/2-20 UNF	14mm	45°	1/2	1/4"
BQ9185	9/16-18 UNF	14mm	45°	9/16	3/16"
BQ9186	9/16-18 UNF	14mm	45°	9/16	1/4"
BQ9181	5/8-18 UNF	10.2mm	45°	5/8	3/8"
BQ4510	M9 × 1	14mm	45°	10mm	3/16"
BQ4511	M10 × 1	11.6mm	45°	11mm	3/16"
BQ4511LT	M10 × 1	14mm	45°	11mm	3/16"
BQ4511SS	M10 × 1	11.6mm	45°	11mm	3/16"
BQ72	M10 × 1	12.6mm	DIN	11mm	3/16"
BQ4512	M10 × 1.25	11.6mm	45°	11mm	3/16"
BQ9188	M10 × 1.5	11.6mm	45°	11mm	3/16"
BQ9189	M11 × 1	15mm	45°	11mm	3/16"
BQ9190	M11 × 1.25	15mm	45°	11mm	3/16"
BQ9191	M11 × 1.5	13.1mm	45°	13mm	3/16"
BQ9180	M12 × 1	11.6mm	45°	13mm	3/16"
BQ4513	M12 × 1	11.6mm	45°	13mm	1/4"
BQ4513LT	M12 × 1	14.6mm	45°	13mm	1/4"
BQ4513SS	M12 × 1	11.6mm	45°	12mm	1/4"
BQ9169	M12 × 1	14.9mm	DIN	13mm	1/4"
BQ9182	M12 × 1.5	11.6mm	45°	13mm	1/4"
BQ9192	M12 × 1.25	11.6mm	45°	13mm	3/16"
BQ9157	M12 × 1.25	11.6mm	45°	13mm	1/4"
BQ9193	M12 × 1.5	11.6mm	45°	13mm	3/16"
BQ9194	M13 × 1	15mm	45°	13mm	3/16"
BQ9195	M13 × 1.25	15mm	45°	13mm	3/16"
BQ9196	M13 × 1.5	15mm	45°	13mm	3/16"
BQ9183	M14 × 1.5	11.6mm	45°	15mm	1/4"
BQ9197	M14 × 1.5	11.6mm	45°	15mm	5/16"
BQ9149	M14 × 1.5	15mm	DIN	16mm	8mm
BQ9198	M16 × 1.5	11.6mm	45°	17mm	5/16"
BQ9166	M16 × 1.5	16mm	45°	17mm	3/8"
BQ9148	M16 × 1.5	13.2mm	DIN	16mm	10mm
BQ9199	M18 × 1.5	16mm	45°	18mm	5/16"



See page 13 for assortment kits BQ7005 (metric tube nuts) and BQ7006 (imperial tube nuts).

Female Tube Nuts

Part Number	Thread	Thread Length	Seat	Hex	Tube Size
BQ55	3/8-24 UNF	7.5mm	37°	7/16"	3/16"
BQ9176	3/8-24 UNF	5.6mm	45°	7/16"	3/16"
BQ57	7/16-20 UNF	5.8mm	37°	1/2"	1/4"
BQ9177	1/2-20 UNF	10mm	45°	5/8"	5/16"
BQ9201	9/16-18 UNF	7.5mm	37°	11/16"	3/8"
BQ9239	9/16-18 UNF	8.6mm	45°	11/16"	3/8"
BQ9207	9/16-18 UNF	6.1mm	o-ring pilot	5/8"	3/8"
BQ9219	5/8-18 UNF	8.6mm	45°	13/16"	3/8"
BQ9175	M10 × 1	9mm	45°	13mm	3/16"
BQ9174	M12 × 1	9mm	45°	16mm	3/16"
BQ9179	M12 × 1	9mm	45°	16mm	1/4"
BQ9156	M12 × 1.25	8mm	45°	16mm	1/4"
BQ9178	M12 × 1.5	9mm	45°	16mm	1/4"
BQ9208	M14 × 1.5	10.9mm	37°	17mm	10mm
BQ9209	M16 × 1.5	10.9mm	37°	19mm	10mm
BQ9226	M16 × 1.5	11mm	45°	19mm	3/8"
BQ9210	M18 × 1.5	14.4mm	37°	21mm	12mm



BQ141 Swivel Elbow – 90°

3/8-24 UNF — 3/8-24 UNF
Handy for tight spots that require a connection with an inverted seat.



See page 10 for copper seat seals (flare gaskets).

Weld-On Fittings

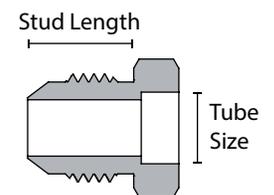
Aluminum

Part Number	Thread	Type	Tube Size	Stud Length	Hex
BQ170	9/16-18 UNF	-6 JIC	3/8"	14.1mm	5/8"
BQ171	5/8-18 UNF	45° inverted	3/8"	15.7mm	11/16"
BQ172	3/4-16 UNF	-8 JIC	1/2"	16.7mm	13/16"
BQ173	7/8-14 UNF	-10 JIC	5/8"	22.6mm	15/16"
BQ174	1 1/16-14 UNS	45° inverted	3/4"	25.4mm	1 1/16"



Steel

Part Number	Thread	Type	Tube Size	Stud Length	Hex
BQ153	3/8-24 UNF	-3 JIC	3/16"	12.2mm	7/16"
BQ226	9/16-18 UNF	-6 JIC	3/8"	14.1mm	5/8"
BQ228	9/16-18 UNF	-6 JIC	1/2"	14.1mm	11/16"
BQ227	9/16-18 UNF	-6 JIC	10mm	14.1mm	5/8"



Brazing Rods



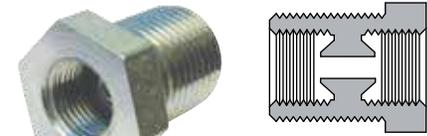
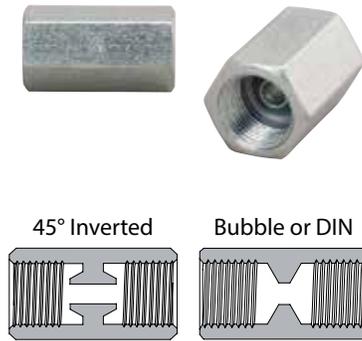
BQ33
Pre-fluxed Silver Brazing Rod
pack of 8

BQ34
Pre-fluxed Aluminum Brazing Rod
pack of 5

For professional brazing of steel, stainless, brass, or any combination of these metals. Designed for brazing high-pressure fittings. No cadmium. 18" long.

Female Unions See page 13 for assortment kit BQ7009.

Part Number	Thread	Thread Length	Seat	Hex	Overall Length
BQ110	3/8-24 UNF	5.16mm	45°	1/2"	22.2mm
BQ115	3/8-24 UNF	8mm	Bubble	1/2"	25mm
BQ111	7/16-24 UNS	5.16mm	45°	9/16"	22.2mm
BQ111SS	7/16-24 UNS	5.16mm	45°	9/16"	22.2mm
BQ112	1/2-20 UNF	5.94mm	45°	5/8"	25mm
BQ119	9/16-18 UNF	5.94mm	45°	3/4"	27mm
BQ113	5/8-18 UNF	6.76mm	45°	3/4"	27mm
BQ114	M10 × 1	7mm	DIN	13mm	25mm
BQ117	M10 × 1	7.95mm	45°	13mm	24mm
BQ116	M12 × 1	7.95mm	45°	16mm	25mm
BQ147	M12 × 1	9mm	DIN	16mm	27mm



BQ148 Bulkhead Union
 5/8-18 UNF external thread
 45° inverted seat, 19mm hex
 Secure with a BQ13 bulkhead nut - next page



BQ222 Tandem Trailer Fitting Universal
 Four ports: 3/8-24 UNF, inverted seat
 Secure with BQ13 bulkhead nut – next page
 Block off excess ports with BQ19 plugs – page 12

Male Unions

BQ293SS -3 JIC Union, Stainless
 3/8-24 UNF, 7/16" hex
 45.9mm overall length
 Requires BQ78 nut for bulkhead mount



BQ292 -3 JIC Union
BQ292SS Stainless version
 3/8-24 UNF, 7/16" hex
 30.7mm overall length

Clips and Brackets



Tube Clamps – white nylon
BQ249 3/16"
BQ250 1/4"
FL35 5/16"
FL34 3/8"



BQB06 Universal Bracket
 19mm hole, 5mm mount holes

BQB244 Universal Bracket
 17mm hole
 6.8mm mount holes



BQ3052
Universal Clip



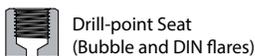
BQ3052SS
Universal Clip - Stainless



BQ3053
Clip - suits Toyota



BQ71
Bracket Retaining Screws
 pack of 50



Bulkhead Nuts

Part Number	Thread	Hex Size	Thickness
BQ78	3/8-24 UNF	1/2"	5 mm
BQ80	7/16-20 UNF	5/8"	6 mm
BQ83	1/2-20 UNF	3/4"	6 mm
BQ13	5/8-18 UNF	15/16"	8 mm
BQ77	11/16-18 UNS	1"	8 mm
BQ84	3/4-16 UNF	1 1/16"	8 mm
BQ75	7/8-14 UNF	1 1/8"	8 mm
BQ89	7/8-18 UNS	1 1/8"	8 mm
BQ79	M10 × 1	13 mm	5 mm
BQ81	M12 × 1	19 mm	6 mm
BQ82	M12 × 1.5	19 mm	6 mm
BQ87	M16 × 1.5	22 mm	7 mm
BQ86	M18 × 1.5	25 mm	8 mm
BQ85	M20 × 1.5	27 mm	8 mm



See page 13 for assortment kit BQ7002. **Tees**

Female

Part Number	Thread	Seat	Diameter	Mount	Mount Hole	Thickness
BQ93A	1/8-27 NPT	NPT	31.75mm	Bolt	8.2mm	14mm
BQ264	3/8-24 UNF	45°	T shape	none	none	1/2"
BQ56A	3/8-24 UNF	45°	28.6mm	Bolt	8.2mm	1/2"
BQ56ASS	3/8-24 UNF	45°	28.6mm	Bolt	8.2mm	1/2"
BQ90A	3/8-24 UNF	45°	31.75mm	Bolt	8.2mm	1/2"
BQ94A	7/16-20 UNF	Bubble	31.75mm	Bolt	8.2mm	14mm
BQ92A	7/16-24 UNS	45°	31.75mm	Bolt	8.2mm	14mm
BQ91A	M10 × 1	45°	31.75mm	Bolt	8.2mm	1/2"
BQ95A	M10 × 1	DIN	31.75mm	Bolt	7.2mm	14mm



BQ7812 Tee with Bracket
3/8-24 UNF
Inverted seat



BQ378 Swivel Tee
M10 × 1 port
7/16-24 UNS port
M10 × 1 tube nut, DIN flare



BQ265 NPT Tee
Two 3/8-24 UNF ports
One 1/8-27 NPT port



BQ177SS Tee
3/8-24 UNF, inverted seat
47mm diameter
1/2" thick

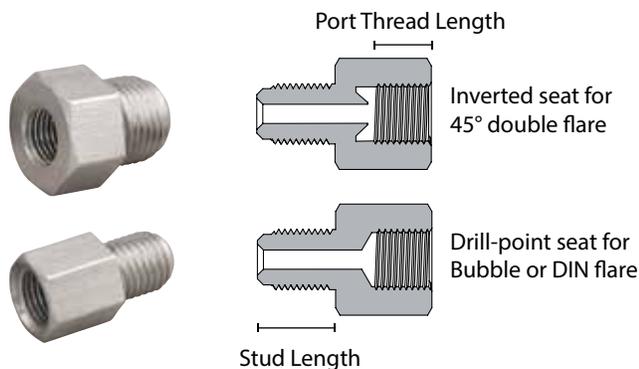
Male

Part Number	Thread	JIC	Mount	Mount Hole	Diameter	Thickness
BQ360	3/8-24 UNF	-3	Bolt	8.2mm	31.75mm	1/2"
BQ361	7/16-20 UNF	-4	Bolt	8.2mm	31.75mm	1/2"



Male-Female Adapters *See page 13 for assortment kit BQ7004.*

Part Number	Port Thread	Port Thread Length	Port Seat	Tube Size	Stud Thread	Stud Length	Stud Fit	Hex
BQ247	1/8-27 NPT	6.92mm	NPT	—	3/8-24 UNF	11.2mm		9/16"
BQ248	1/8-27 NPT	6.92mm	NPT	—	1/2-20 UNF	11mm		9/16"
BQ187	1/8-27 NPT	6.92mm	NPT	—	M10 × 1.5	11mm		9/16"
BQ48	3/8-24 UNF	5.16mm	45°	3/16"	1/8-27 NPT	9.97mm	3/16"	1/2"
BQ156	3/8-24 UNF	5.16mm	45°	3/16"	3/8-24 UNF	12mm	3/16"	9/16"
BQ47	3/8-24 UNF	5.16mm	45°	3/16"	7/16-20 UNF	12mm	3/16"	9/16"
BQ46	3/8-24 UNF	5.16mm	45°	3/16"	7/16-24 UNS	12mm	3/16"	9/16"
BQ9300	3/8-24 UNF	6.19mm	45°	3/16"	1/2-20 UNF	12mm	3/16"	5/8"
BQ120	3/8-24 UNF	5.16mm	45°	3/16"	1/2-20 UNF	12mm	5/16"	5/8"
BQ124	3/8-24 UNF	5.16mm	45°	3/16"	9/16-18 UNF	12mm	3/16"	11/16"
BQ262	3/8-24 UNF	9mm	Bubble	3/16"	9/16-18 UNF	12mm	3/16"	11/16"
BQ121	3/8-24 UNF	5.16mm	45°	3/16"	9/16-20 UNS	12mm	3/16"	11/16"
BQ49	3/8-24 UNF	5.16mm	45°	3/16"	M10 × 1	12.6mm	3/16"	9/16"
BQ125	3/8-24 UNF	9mm	Bubble	3/16"	M10 × 1	12mm	3/16"	13mm
BQ383	3/8-24 UNF	5.16mm	45°	3/16"	M12 × 1	12mm	3/16"	16mm
BQ45	7/16-24 UNS	5.16mm	45°	1/4"	3/8-24 UNF	11.2mm	3/16"	9/16"
BQ9301	7/16-24 UNS	6.19mm	45°	1/4"	1/2-20 UNF	12mm	3/16"	5/8"
BQ122	7/16-24 UNS	5.16mm	45°	1/4"	1/2-20 UNF	12mm	5/16"	5/8"
BQ123	7/16-24 UNS	5.16mm	45°	1/4"	9/16-18 UNF	12mm	3/16"	11/16"
BQ9304	1/2-20 UNF	6.67mm	45°	3/16"	3/8-24 UNF	12mm	3/16"	11/16"
BQ260	1/2-20 UNF	5.94mm	45°	5/16"	3/8-24 UNF	11.2mm	3/16"	16mm
BQ127	1/2-20 UNF	5.94mm	45°	5/16"	7/16-24 UNS	12mm	1/4"	5/8"
BQ261	9/16-18 UNF	5.94mm	45°	5/16"	3/8-24 UNF	11.2mm	3/16"	11/16"
BQ50	M10 × 1	7.95mm	45°	3/16"	3/8-24 UNF	11.2mm	3/16"	1/2"
BQ40	M10 × 1	7mm	DIN	3/16"	M10 × 1	13mm	3/16"	16mm
BQ9305	M10 × 1	7.3mm	45°	3/16"	M10 × 1	13mm	3/16"	15mm
BQ42	M10 × 1	7.95mm	45°	3/16"	M10 × 1.25	12mm	3/16"	13mm
BQ43	M10 × 1	7.95mm	45°	3/16"	M12 × 1	12mm	3/16"	16mm
BQ41	M10 × 1.25	7.95mm	45°	3/16"	M10 × 1	12.6mm	3/16"	13mm
BQ246	M12 × 1	9mm	DIN	1/4"	1/8-27 NPT	9.97mm	3/16"	16mm
BQ44	M12 × 1	7.95mm	45°	1/4"	M10 × 1	12.6mm	3/16"	16mm
BQ379	M12 × 1.5	7.95mm	45°	3/16"	1/8-27 NPT	9.97mm	3/16"	14mm
BQ380	M14 × 1.5	7.95mm	45°	3/16"	1/8-27 NPT	9.97mm	3/16"	17mm



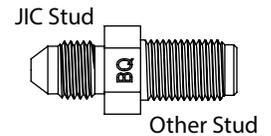
When deciding if an adapter will work with a specific port, think of the *Stud Fit* as a "tube-size equivalent," in that the adapter will seat properly if the corresponding tube and tube nut would also seat properly. Most BrakeQuip adapters correspond to 3/16" tube but there are a few exceptions, as noted in the table.

See page 13 for assortment kit BQ7010. **Male-Male Adapters**

Part Number	JIC Stud Thread	Other Stud Thread	Other Stud Length	Hex	Overall Length
BQ135	3/8-24 UNF (-3 JIC)	3/8-24 UNF	16mm	1/2"	34.2mm
BQ132	3/8-24 UNF (-3 JIC)	1/4-28 UNF	16mm	1/2"	36mm
BQ168	3/8-24 UNF (-3 JIC)	1/2-20 UNF	13mm	1/2"	33mm
BQ129	3/8-24 UNF (-3 JIC)	M10 × 1	16mm	1/2"	34.2mm
BQ128	3/8-24 UNF (-3 JIC)	M10 × 1.25	16mm	1/2"	36mm
BQ130	3/8-24 UNF (-3 JIC)	M10 × 1.5	16mm	1/2"	60mm
BQ131	7/16-20 UNF (-4 JIC)	3/8-24 UNF	16mm	1/2"	37.1mm
BQ134	7/16-20 UNF (-4 JIC)	7/16-24 UNS	16mm	9/16"	36mm
BQ176	7/16-20 UNF (-4 JIC)	M10 × 1	11.6mm	1/2"	31.6mm
BQ144	7/16-20 UNF (-4 JIC)	M12 × 1	16mm	14mm	36mm
BQ149	7/16-20 UNF (-4 JIC)	M12 × 1.25	16mm	14mm	37mm



BQ130 has an elongated JIC stud.



BQ145 -4 JIC to M10 × 1
Non-JIC stud for use with ISO 24° cone connector: either compression or o-ring seal cone (DKO).
12mm hex, 29mm overall length



BQ157 -3 JIC to 1/8-28
5/8" hex, 25.9mm overall length
For use with bonded washer (dowty seal)

See page 13 for assortment kit BQ7003. **Bump Tube Adapters**

For power steering and fuel systems. Comes with a high temperature Viton O-ring.

Part Number	JIC Stud Thread	O-ring Pilot Thread	Hex	Overall Length
5MBT-5MJ	1/2-20 UNF (-5 JIC)	1/2-20 UNF	9/16"	37.4mm
7MBT-6MJ	9/16-18 UNF (-6 JIC)	11/16-18 UNS	3/4"	41.9mm
14MMBT-6MJ	9/16-18 UNF (-6 JIC)	M14 × 1.5	5/8"	38.8mm
16MMBT-6MJ	9/16-18 UNF (-6 JIC)	M16 × 1.5	17mm	38.9mm
18MMBT-6MJ	9/16-18 UNF (-6 JIC)	M18 × 1.5	3/4"	39.4mm

Male



Part Number	Port Thread	O-ring Pilot Thread	Hex	Overall Length
16MMBT-6FI	5/8-18 UNF	M16 × 1.5	3/4"	30.8mm

Female



Transmission Line Adapters

Convert push-on connection transmission lines to double-flare connections to make and repair these lines in your shop.



BQ182 Straight
5/8-18 UNF inverted seat



BQ183 90°
5/8-18 UNF inverted seat

JIC Elbow



BQ252 -3 JIC Elbow
3/8-24 UNF port, inverted seat
3/8-24 UNF stud (-3 JIC)
for Nissan

Copper Washers See page 13 for assortment kit BQ7000.

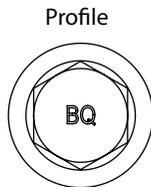
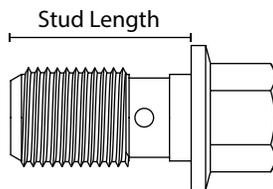


BQ244
Copper Seat Seal (Flare Gasket)

Part Number	Bolt Size	Diameter	Thickness
BQ3858	3/8"	5/8"	1.5mm
BQ1118	7/16"	18mm	1.5mm
BQ1320	1/2"	20mm	2mm
BQ1421	9/16"	21mm	2mm
BQ813	8mm	13mm	1.3mm
BQ1016	10mm	16mm	1.5mm
BQ1218	12mm	18mm	1.5mm
BQ1522	15mm	22mm	2mm
BQ1624	16mm	24mm	2mm

Banjo Bolts See page 13 for assortment kit BQ7007.

Standard



Part Number	Thread	Stud Length	Hex	Washer
BQ8093	3/8-24 UNF	25mm	11mm	BQ3858
BQ8089	7/16-20 UNF	23.8mm	1/2"	BQ1118
BQ8096	7/16-20 UNF	27mm	11mm	BQ1118
BQ8090	7/16-24 UNS	26.5mm	1/2"	BQ1118
BQ8097	1/2-20 UNF	31mm	9/16"	BQ1320
BQ8076	M8 × 1	17mm	10mm	BQ813
BQ8077	M8 × 1.25	16mm	10mm	BQ813
BQ8095	M10 × 1	22mm	11mm	BQ1016
BQ8094	M10 × 1	26mm	11mm	BQ1016
BQ8099	M10 × 1.25	22mm	11mm	BQ1016
BQ8075	M10 × 1.5	20mm	11mm	BQ1016
BQ8086	M10 × 1.5	23mm	11mm	BQ1016
BQ8086SS	M10 × 1.5	23mm	11mm	BQ1016
BQ8088	M10 × 1.5	27mm	11mm	BQ1016
BQ8087	M11 × 1.25	23mm	11mm	BQ1118
BQ8098	M12 × 1	21.3mm	13mm	BQ1218
BQ8078	M12 × 1.25	25mm	13mm	BQ1218
BQ8092	M12 × 1.5	25mm	13mm	BQ1218

Double



Part Number	Thread	Stud Length	Hex	Washer
BQ8085	3/8-24 UNF	34.5mm	7/16"	BQ3858
BQ8083	M10 × 1	34.5mm	11mm	BQ1016
BQ8084	M10 × 1.25	34.5mm	11mm	BQ1016

BQ8085 has a plain hex profile rather than round.

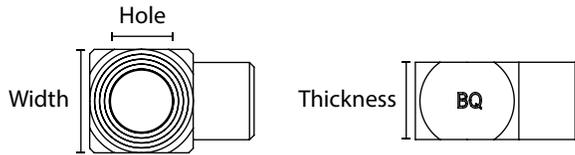
See page 13 for assortment kit BQ7001. **Banjo Adapters**

Square

Part Number	Thread	Hole	Thickness	Width
BQ60	3/8-24 UNF	10.2mm	1/2"	17mm
BQ62	7/16-24 UNS	11.2mm	14mm	18mm
BQ63	1/2-20 UNF	12.9mm	16mm	20mm
BQ61	M10 x 1	10.2mm	13mm	17mm



Inverted Seat



Round

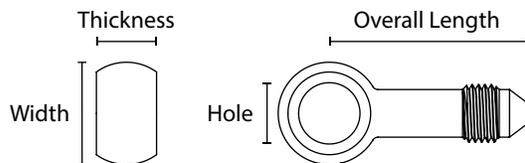
Part Number	Thread	JIC	Hole	Thickness	Width	Overall Length
BQ150	3/8-24 UNF	-3	10mm	10mm	17mm	42mm
BQ151	3/8-24 UNF	-3	10mm	10mm	17mm	19.6mm
BQ152	3/8-24 UNF	-3	10mm	10mm	17mm	39.2mm
BQ155	7/16-20 UNF	-4	10mm	10mm	18mm	42mm
BQ271	1/2-20 UNF	-5	14mm	14mm	24mm	26mm
BQ392	1/2-20 UNF	-5	14mm	14mm	24mm	44mm
BQ393	9/16-18 UNF	-6	16mm	16mm	28mm	44mm



BQ151 and BQ271 are short.



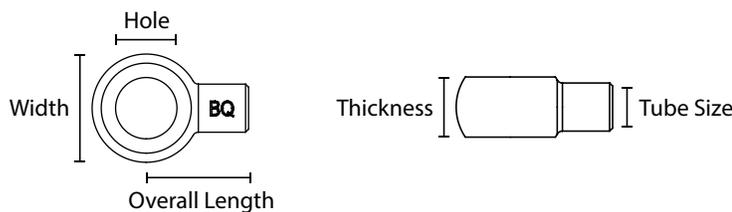
BQ150, BQ155, BQ392 and BQ393 all have a long tube.



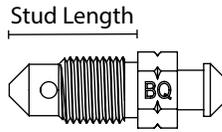
BQ152
JIC Union

See page 5 for brazing/welding rods. **Weld-On Banjo Heads**

Part Number	Hole	Thickness	Width	Tube Size	Overall Length
BQ225	7/16"	10mm	19mm	3/16"	27.5mm
BQ223	10.2mm	8mm	17mm	3/16"	25.5mm
BQ224	10.2mm	10mm	18mm	3/16"	26mm
BQ178	12.2mm	12mm	22mm	3/8"	27mm
BQ179	14.2mm	14mm	24mm	3/8"	28mm



Bleed Screws See page 13 for assortment kit BQ7014.



Bleeder caps

- BQ315 Small
- BQ316 Large



BQ181 Bleed Screw Repair Kit

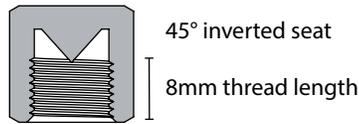
Rescue your brake component that has a stripped or broken bleed screw. Simply drill and tap to 1/8-27 NPT.

Part Number	Thread	Stud Length	Hex Size	Cap Size
BQ4439	1/4-28 UNF	15.3 mm	7 mm	Small
BQ4438	5/16-24 UNF	17.5 mm	5/16"	Large
BQ4433	3/8-24 UNF	20.8 mm	3/8"	Large
BQ4445	7/16-20 UNF	20.5 mm	7/16"	Large
BQ4444	7/16-24 UNS	24.5 mm	7/16"	Large
BQ4436	M7 × 1	12.5 mm	8 mm	Small
BQ4441	M7 × 1	21.5 mm	7 mm	Small
BQ4443	M8 × 1	17.5 mm	8 mm	Large
BQ4442	M8 × 1.25	22.1 mm	8 mm	Large
BQ4435	M10 × 1	19.5 mm	10 mm	Large
BQ4434	M10 × 1	24.1 mm	10 mm	Large
BQ4446	M10 × 1.25	20.4 mm	10 mm	Large
BQ4440	M10 × 1.5	17.9 mm	10 mm	Large

See page 17 for bleed screw removal solutions.

Fitting Caps and Plugs See page 13 for assortment kit BQ7012.

Caps



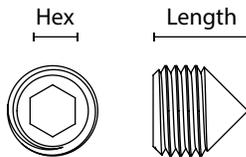
Part Number	Thread	Hex Size
BQ160	3/8-24 UNF	1/2"
BQ161	7/16-24 UNS	9/16"
BQ162	7/16-20 UNF	9/16"
BQ163	1/2-20 UNF	5/8"
BQ164	M10 × 1	13 mm
BQ165	M10 × 1.25	13 mm
BQ166	M12 × 1	16 mm
BQ167	M12 × 1.5	16 mm



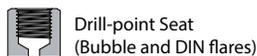
BQ1020 Banjo Blocking-Off Tool

See page 17 for line-stopper kits.

Plugs



Part Number	Thread	Hex Size
BQ19	3/8-24 UNF	3/16"
BQ26	7/16-24 UNS	1/4"
BQ18	M10 × 1	5 mm



Assortment Kits

BQ7006 Imperial Tube Nuts

PN	Description	Qty
BQ9176	3/8-24 UNF female	4
BQ57	7/16-20 UNF female	4
BQ9177	1/2-20 UNF female	4
BQ4276	3/8-20 BSF male	4
BQ4285	3/8-24 UNF male	4
BQ5555	3/8-24 UNF male	10
BQ4277	7/16-20 UNF male	4
BQ6118	7/16-20 UNF male	6
BQ2577	7/16-24 UNS male	10
BQ5842	7/16-24 UNS male	10
BQ2578	1/2-20 UNF male	6
BQ9184	1/2-20 UNF male	4
BQ9187	1/2-20 UNF male	4
BQ9185	9/16-18 UNF male	4
BQ9186	9/16-18 UNF male	4

BQ7005 Metric Tube Nuts

PN	Description	Qty
BQ9175	M10 × 1 female	4
BQ9174	M12 × 1 female	4
BQ9179	M12 × 1 female	4
BQ9178	M12 × 1.5 female	4
BQ4511	M10 × 1 male	10
BQ72	M10 × 1 DIN male	4
BQ4512	M10 × 1.25 male	6
BQ9188	M10 × 1.5 male	4
BQ9191	M11 × 1.5 male	4
BQ4513	M12 × 1 male	6
BQ9180	M12 × 1 male	4
BQ9192	M12 × 1.25 male	4
BQ9193	M12 × 1.5 male	4
BQ9182	M12 × 1.5 male	4
BQ9183	M14 × 1.5 male	4

BQ7009 Female Unions

PN	Description	Qty
BQ115	3/8-24 UNF drill-point	4
BQ110	3/8-24 UNF inverted	4
BQ111	7/16-24 UNS inverted	4
BQ114	M10 × 1 drill-point	4
BQ117	M10 × 1 inverted	4
BQ116	M12 × 1 inverted	4

BQ7002 3-way Tube Tees

PN	Description	Qty
BQ93	1/8-27 NPT	2
BQ90A	3/8-24 UNF drill-point	2
BQ56A	3/8-24 UNF inverted	2
BQ92A	7/16-24 UNS inverted	2
BQ91A	M10 × 1 inverted	2
BQ95A	M10 × 1 DIN	2

BQ7004 Male-Female Adapters

PN	Description	Qty
BQ48	1/8-27 NPT — 3/8-24 UNF inverted	4
BQ156	3/8-24 UNF — 3/8-24 UNF inverted	4
BQ45	3/8-24 UNF — 7/16-24 UNS inverted	4
BQ50	3/8-24 UNF — M10 × 1 inverted	4
BQ47	7/16-20 UNF — 3/8-24 UNF inverted	4
BQ46	7/16-24 UNS — 3/8-24 UNF inverted	4
BQ120	1/2-20 UNF — 3/8-24 UNF inverted	4
BQ122	1/2-20 UNF — 7/16-24 UNS inverted	4
BQ124	9/16-18 UNF — 3/8-24 UNF inverted	2
BQ123	9/16-18 UNF — 7/16-24 UNS inverted	2
BQ121	9/16-20 UNS — 3/8-24 UNF inverted	2
BQ125	M10 × 1 — 3/8-24 UNF drill-point	4
BQ49	M10 × 1 — 3/8-24 UNF inverted	4
BQ40	M10 × 1 — M10 × 1 drill-point	2
BQ41	M10 × 1 — M10 × 1.25 inverted	4
BQ44	M10 × 1 — M12 × 1 inverted	4
BQ42	M10 × 1.25 — M10 × 1 inverted	4
BQ43	M12 × 1 — M10 × 1 inverted	4

BQ7010 Male-Male Adapters

PN	Description	Qty
BQ135	3/8-24 UNF — 3/8-24 UNF	4
BQ131	3/8-24 UNF — 7/16-20 UNF	4
BQ134	7/16-24 UNS — 7/16-20 UNF	4
BQ129	M10 × 1 — 3/8-24 UNF	4
BQ130	M10 × 1.5 — 3/8-24 UNF	4
BQ144	M12 × 1 — 3/8-24 UNF	4

BQ7003 Bump Tube Adapters

PN	Description	Qty
5MBT-5MJ	1/2-20 UNF — 1/2-20 UNF	4
7MBT-6MJ	11/16-18 UNS — 9/16-18 UNF	4
14MMBT-6MJ	M14 × 1.5 — 9/16-18 UNF	4
16MMBT-6FI	M16 × 1.5 — 5/8-18 UNF	4
16MMBT-6MJ	M16 × 1.5 — 9/16-18 UNF	4
18MMBT-6MJ	M18 × 1.5 — 9/16-18 UNF	4

BQ7012 Brake Hose Plugs and Caps

PN	Description	Qty
BQ160	3/8-24 UNF cap	2
BQ19	3/8-24 UNF plug	2
BQ161	7/16-24 UNS cap	2
BQ26	7/16-24 UNS plug	2
BQ163	1/2-20 UNF cap	2
BQ18	M10 × 1 plug	2
BQ164	M10 × 1 cap	2
BQ165	M10 × 1.25 cap	2
BQ166	M12 × 1 cap	2
BQ167	M12 × 1.5 cap	2
BQ1020	Banjo Blocking-Off Tool	1

BQ7000 Copper Washers

PN	Description	Qty
BQ3858	3/8" ID	20
BQ1118	7/16" ID	20
BQ1320	1/2" ID	20
BQ1421	9/16" ID	10
BQ1016	10mm ID	20
BQ1218	12mm ID	20
BQ1522	15mm ID	10
BQ1624	16mm ID	10

BQ7007 Banjo Bolts

PN	Description	Qty
BQ8093	3/8-24 UNF	6
BQ8096	7/16-20 UNF	4
BQ8089	7/16-20 UNF	4
BQ8090	7/16-24 UNS	4
BQ8097	1/2-20 UNF	4
BQ8095	M10 × 1	6
BQ8099	M10 × 1.25	4
BQ8086	M10 × 1.5	4
BQ8088	M10 × 1.5	4
BQ8087	M11 × 1.25	4
BQ8098	M12 × 1	4
BQ8092	M12 × 1.5	4

BQ7001 Banjo Unions & Adapters

PN	Description	Qty
BQ60	3/8-24 UNF, 10mm hole	4
BQ150	3/8-24 UNF, 10mm hole	4
BQ151	3/8-24 UNF, 10mm hole	4
BQ62	7/16-24 UNS, 7/16" hole	4
BQ63	1/2-24 UNF, 1/2" hole	4
BQ61	M10 × 1, 10mm hole	4

BQ7014 Bleed Screws

PN	Description	Qty
BQ4439	1/4-28 UNF	4
BQ4438	5/16-24 UNF	4
BQ4433	3/8-24 UNF	6
BQ4444	7/16-24 UNS	4
BQ4445	7/16-20 UNF	4
BQ4441	M7 × 1	4
BQ4443	M8 × 1	4
BQ4442	M8 × 1.25	4
BQ4435	M10 × 1 short	4
BQ4434	M10 × 1 long	4
BQ4446	M10 × 1.25	4
BQ4440	M10 × 1.5	4
BQ315	Small Cap	10
BQ316	Large Cap	10

Tube Workers — Straighteners

BQ1028 Professional Tube Straightener

The BQ1028 provides the average shop the ability to complete a professional tube installation by forming coiled tube into straight sections of any length, offering precise tube routing and reducing the number of unions required. Adjust the wheels to the tube size and pull the tube through the tool to straighten.

- for 3/16" to 1/2" light-walled, annealed tube, including stainless steel
- Non-marking ABS wheels
- 5-point precision and fine-threaded adjustment
- Vice mount or bolt straight to workbench
- Smooth ball bearing action
- Heavy-duty construction



BQ1028-75
Replacement wheel

BQ1030 Brake Tube Straightener

BQ1030-MB Mounting Bracket for Brake Tube Straightener

The BQ1030 was designed for the automotive DIY-er with a need to straighten coils of the most brake line sizes.

- Straighten 3/16"–1/4" annealed tubing, including cunifer and stainless steel
- U-shaped rollers straighten both tubing sizes — no need to change rollers
- Hard polymer rollers leave a smooth finish on tubing
- Smooth ball bearing action
- Bench-mount ready
- Optional vise-mount base (BQ1030-MB)



BQ405 Tube-Straightening Pliers

Remove imperfections or fix mistakes with the BQ405 pliers.

- Straightens incorrect bends in 3/16" and 1/4" tube, including stainless steel
- Makes tight-radius bends, up to 90°, for both 3/16" and 1/4" tube
- The flat side of the mandrel provides a guide surface for cutting

Tube Workers — Benders

BQ402 Brake Tube Pliers

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

These pliers are perfect for working in constrained areas under a vehicle to

- align the tube and nut with the port during installation
- put a tight 90° bend behind a tube nut (such as a master cylinder drop)

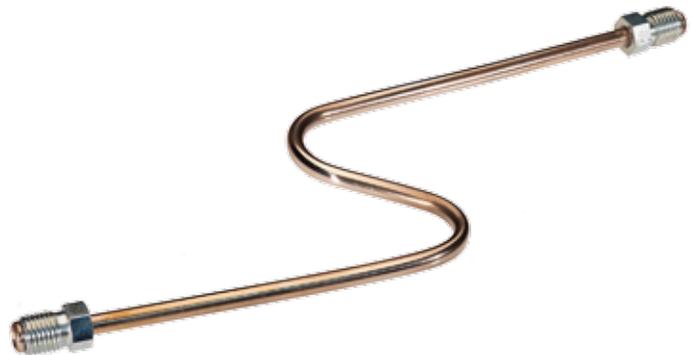
One side of the tool end is flat to facilitate cutting.



BQ406 Professional Tube Bender

For use on 3/16" and 1/4" brake tube, this bender is easy to use and yields professional results. Bend on the vehicle or mount the tool in a vise for precision work or mass production.

- Low-friction rollers make for easy precision work
- Smooth roller channels provide a clean, scratch free finish
- Tight radius bends up to 180°
- Handles separate for quick and easy tube removal



Cutters

Metal Tube Cutters

These tube cutters have a heavy-duty wheel for cutting stainless steel or other light-walled tubing, 3/16" to 5/8".



BQ601 Mini Tube Cutter

Great for cutting in tight places.

BQ602 Professional Tube Cutter

Replacement blade is BQ602C.



BQ2103 Hose Cutter

This heavy duty tool cuts hose clean and square with ease. The blade has two cutting points for double life.

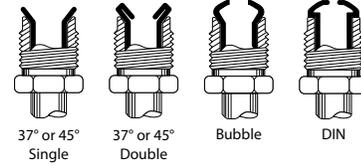


BQ2101B
Replacement blade

Flaring Tools See pages 2 and 3 for stainless steel and cunifer tubing.

BrakeQuip *High-Speed Flaring Tools* are the industry standard for accurate and consistent flares.

- Smooth channel dies minimize tube scarring and deformation for a show quality finish.
- The cam-and-lever design, combined with ball-detent turrets, provide fast and easy single, double, bubble, and DIN flares.
- BrakeQuip flaring tools are designed to be used in a bench vise or with our table flange mount (BQ350-1).
- Replacement components are available, all the way down to the individual punches on the turrets.



Tool Body and Handle



Dies and Turrets

Part Number	BQ350A
45° flares	3/16", 1/4", 5/16", 3/8" 4.75mm, 6mm, 8mm, 10mm
37° flares	3/16", 1/4", 5/16", 3/8", 1/2"
DIN flares	3/16", 1/4"



Part Number	BQ350
45° flares	3/16", 1/4", 5/16", 3/8", 1/2" 4.75mm, 6mm, 8mm, 10mm
37° flares	3/16", 1/4", 5/16", 3/8", 1/2"
DIN flares	3/16", 1/4"



Part Number	BQ351
45° flares	3/16", 1/4", 5/16", 3/8", 1/2"
37° flares	none
DIN flares	3/16"



Part Number	BQ352
45° flares	none
37° flares	3/16", 1/4", 5/16", 3/8", 1/2"
DIN flares	none

Already have the **BQ351** and just need 37° dies and turrets? Order **BQ352-BQ** to get the dies and turrets pictured with the **BQ352**.

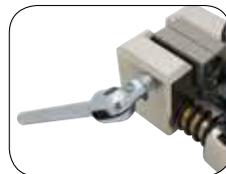
The BQ350A features ...



a die-cast steel body for added strength and an extra-long handle for more leverage



a tube-setting tab to ensure proper placement in the dies



a die-clamp bolt for quick die swaps



BQ350-1 Mounting Flange

Works with all BrakeQuip flaring tools. Included with the **BQ350A**.

Other Tools

BQ2100 Thread Identification Kit

A kit of the highest quality, the **BQ2100** has gauges for the vast majority of brake plumbing threads, both male and female. Gauges are color-coded for fast selection. The threads are hardened for long life, and each gauge is available separately as a replacement part.

The gauges can also be used to block-off fluid ports during service.

Imperial Sizes	Metric Sizes
3/8-20 BSF	M9 x 1
3/8-24 UNF	M10 x 1
7/16-20 UNF	M10 x 1.25
7/16-24 UNS	M10 x 1.5
1/2-20 UNF	M11 x 1.25
9/16-18 UNF	M12 x 1
9/16-20 UNS	M12 x 1.25
	M12 x 1.5
	M14 x 1.5



BQ2200 Bleeder Buster Kit

Remove and replace frozen bleeder screws like a pro. Here's how:

1. Insert filler wire into the bleed screw and cut flush with the end
2. Install the Bleed Screw Removal Tool into an air chisel and shock the bleed screw from the top
3. Unscrew the bleed screw with a conventional tool

The kit includes the bleed screw removal tool and an assortment of filler wire, bleed screws, and caps for all applications. The tool, screws, caps, and filler wire are all available individually as replacement parts.



BQ2200-1
Bleed Screw Removal Tool

BQ2200W
Filler Wire Replenishment Kit

See page 12 for a complete selection of bleed screws and caps.

BQ407 and BQ408 Line Stopper Kits

Prevent fluid leaks and contamination during service. Simply slide the appropriate stopper around the tube nut or banjo head and release. The spring-loaded plunger will seal around the fitting and prevent leaks.

Note: the 5/16" stopper in the BQ407 kit is also suitable for 3/16" and 1/4" lines.

Stopper Size	BQ407 Qty	BQ408 Qty
3/16"-1/4"	—	2
5/16"	1	2
3/8"	1	1
1/2"	1	1
Banjo	1	2



BQ407 4-Piece Stopper Kit



BQ408 8-Piece Stopper Kit
Comes in slide-lock clamshell case.

Fuel Fittings

Quick Connects

Thumb-release convenience. No special tools required. Works with both domestic and foreign vehicles.



Straight

Part Number	Female	Male
FL08-4-5	1/4"	5/16"
FL08-5-5	5/16"	5/16"
FL08-5-6	5/16"	3/8"
FL08-6-5	3/8"	5/16"
FL08-6-6	3/8"	3/8"

90° Bend

Part Number	Female	Male
FL09-5-5	5/16"	5/16"
FL09-5-6	5/16"	3/8"
FL09-6-5	3/8"	5/16"
FL09-6-6	3/8"	3/8"



Quick Connector Tubes

Part Number	Description
FL05-4	1/4" quick connect to 8mm FuelFlex - straight
FL03-5	5/16" quick connect to 8mm FuelFlex - straight
FL03-6	3/8" quick connect to 10mm FuelFlex - straight
FL04-6	3/8" quick connect to 3/8" quick connect - straight

FuelFlex Connectors



Part Number	Description
FL20-5	8mm FuelFlex to 8mm FuelFlex - 90°
FL20-6	10mm FuelFlex to 10mm FuelFlex - 90°

FuelFlex Reducers



Part Number	Description
FL06-5-4	8mm FuelFlex to 1/4" FuelFlex
FL06-6-5	10mm FuelFlex to 8mm FuelFlex

FuelFlex to Rubber Hose



Part Number	Description
FL02-5	8mm FuelFlex to 5/16" rubber hose
FL02-6	10mm FuelFlex to 3/8" rubber hose

Threaded Connectors



Straight

Part Number	Tube End	End Form	Thread	Length
FL07-5	5/16" rubber hose	bump	M14 × 1.5	230mm
FL07-6	3/8" rubber hose	bump	M16 × 1.5	230mm
FL12-14mm	8mm FuelFlex	double flare	M14 × 1.5	90mm
FL13-5	8mm FuelFlex	bump	M14 × 1.5	155mm
FL14-5	8mm FuelFlex	bump	M14 × 1.5	100mm
FL13-6	10mm FuelFlex	bump	M16 × 1.5	155mm
FL14-6	10mm FuelFlex	bump	M16 × 1.5	100mm

Bent

Part Number	Tube End	End Form	Thread	Angle
FL11-14mm	8mm FuelFlex	double flare	M14 × 1.5	30°
FL15	10mm FuelFlex	bump	M16 × 1.5	180°

Fuel Fittings



FuelFlex Tubing

Part Number	Size	Coil Length
T8-FF	8mm (5/16")	25ft
T10-FF	10mm (3/8")	25ft

Note: In keeping with industry conventions for plastic tubing sizes, FuelFlex tubing is measured by outer diameter.



Spring Mandrels

Part Number	Size
BQ318	8mm (5/16")
BQ319	10mm (3/8")

Permanently form fuel tubing without kinking.



FuelFlex Unions

Part Number	Size
FL01-5	8mm
FL01-6	10mm



Male-Female Adapters

Part Number	Male	Female	Seat
FL10-5S	8mm FuelFlex	M14 × 1.5	bump
FL10-6S	10mm FuelFlex	M16 × 1.5	bump
FL10-14mm	8mm FuelFlex	M14 × 1.5	inverted



Compression Fittings

Part Number	Description
FL37	8mm FuelFlex — 8mm FuelFlex
FL36	8mm FuelFlex — 5/16" metal tube
FL39	10mm FuelFlex — 10mm FuelFlex
FL38	10mm FuelFlex — 3/8" metal tube



Bump Tube Nuts

Part Number	Size
BQ9148	M16 × 1.5 – 3/8"
BQ9149	M14 × 1.5 – 5/16"



Fuel Pressure Repair Kit (Check Valve)

FL21	8mm (5/16")
FL22	10mm (3/8")



Tube Support Clamps

FL34	10mm (3/8")
FL35	8mm (5/16")



360° Tube Clamps

FL26	10mm (3/8")
FL25	8mm (5/16")



BQ412 Tube Clamp Pliers

Part Number	Qty	Part Number	Qty	Part Number	Qty
Tubing					
T8-FF	25ft	FuelFlex Reducers			
T10-FF	25ft	FL06-6-5	2	Compression Fittings	
Quick Connects					
FL08-4-5	2	FuelFlex Adapters			
FL08-5-5	2	FL02-5	2	FL36	2
FL08-5-6	2	FL02-6	2	FL37	2
FL08-6-5	2	Theaded Connectors			
FL08-6-6	2	FL07-5	2	FL38	2
FL09-5-5	2	FL07-6	2	FL39	2
FL09-5-6	2	FL11-14mm	2	Bump Tube Nuts	
FL09-6-5	2	FL12-14mm	2	BQ9148	4
FL09-6-6	2	FL13-5	2	BQ9149	4
Quick Connector Tubes					
FL03-5	2	FL13-6	2	Screws and Clamps	
FL03-6	2	FL14-5	2	BQ811	20
FL04-6	2	FL14-6	2	FL25	20
FL05-4	2	FL15	1	FL26	20
FuelFlex Connectors					
FL20-5	2	Male-Female Adapters			
FL20-6	2	FL10-5	1	FL34	20
Tools					
FuelFlex Unions					
Male-Female Adapters					
Tube Protection					
Tube Support Clamps					
360° Tube Clamps					
Tube Clamp Pliers					
Fuel Pressure Repair Kit (Check Valve)					
FuelFlex Tubing					
Spring Mandrels					

BQFL4500 Fuel Line Kit

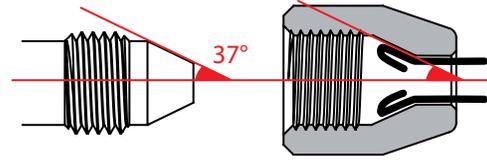


The BrakeQuip Professional Fuel Line Kit comes with dozens of components and fittings, from quick connects and adapters to pliers, clamps, and heat shields. With over 180 pieces and 50 feet of FuelFlex Tubing, this kit is a complete fuel line solution for almost any vehicle.

JIC Fittings

JIC (Joint Industry Council) fittings are defined by SAE J514 and use a 37° sealing surface. They are commonly found on aftermarket adapters, bias valves, calipers, and gauges. JIC fittings should not be mixed with 45° flares, or vice-versa.

Note on JIC vs AN fittings: JIC fittings have the same dimensions as their AN (Army-Navy) counterparts. The difference is that AN fittings are specified to extreme tolerances for aerospace applications.



Part Number	JIC	Description	Page	Part Number	JIC	Description	Page
<i>Banjo Adapters</i>				<i>Male-Male Adapters (continued)</i>			
BQ150	-3	Round banjo head, long	11	BQ130	-3	JIC to M10 × 1.5	9
BQ151	-3	Round banjo head		BQ131	-4	JIC to 3/8-24 UNF	
BQ152	-3	Round banjo union (2 studs)		BQ134	-4	JIC to 7/16-24 UNS	
BQ155	-4	Round banjo head, long		BQ145	-4	JIC to M10 × 1	
BQ271	-5	Round banjo head		BQ176	-4	JIC to M10 × 1, long	
BQ392	-5	Round banjo head, long		BQ144	-4	JIC to M12 × 1	
BQ393	-6	Round banjo head, long		BQ149	-4	JIC to M12 × 1.25	
<i>Bump Tube Adapters</i>				<i>Male Tees</i>			
5MBT-5MJ	-5	JIC to 1/2-20 UNF	9	BQ360	-3	Bolt mount male tube tee	7
7MBT-6MJ	-6	JIC to 11/16-18 UNS		BQ361	-4	Bolt mount male tube tee	
14MMBT-6MJ	-6	JIC to M14 × 1.5		<i>Male Unions</i>			
16MMBT-6MJ	-6	JIC to M16 × 1.5		BQ292	-3	Steel JIC union	6
18MMBT-6MJ	-6	JIC to M18 × 1.5		BQ292SS	-3	Stainless steel JIC union	
<i>Elbow</i>				<i>Weld-On Studs</i>			
BQ252	-3	JIC to 3/8-24 UNF, elbow	9	BQ153	-3	Steel stud for 3/16" tube	5
<i>Male-Male Adapters</i>				BQ170	-6	Aluminum stud for 3/8" tube	
BQ135	-3	JIC to 3/8-24 UNF		BQ172	-8	Aluminum stud for 1/2" tube	
BQ132	-3	JIC to 1/4-28 UNF		BQ173	-10	Aluminum stud for 5/8" tube	
BQ168	-3	JIC to 1/2-20 UNF		BQ226	-6	Steel stud for 3/8" tube	
BQ157	-3	JIC to 1/8-28 BSPP		BQ227	-6	Steel stud for 10mm tube	
BQ129	-3	JIC to M10 × 1		BQ228	-6	Steel stud for 1/2" tube	
BQ128	-3	JIC to M10 × 1.25					

Stainless Steel

Part Number	Description	Page	Part Number	Description	Page
<i>Banjo Bolts</i>			<i>Male Tube Nuts</i>		
BQ8086SS	M10 × 1.5	10	BQ5555SS	3/8-24 UNF	4
<i>Clips</i>			BQ5842SS	7/16-24 UNS	
BQ3052SS	Universal Clip	6	BQ2577SS	7/16-24 UNS	
<i>Female Tees</i>			BQ4511SS	M10 × 1	
BQ56ASS	3/8-24 UNF, bolt mount	7	BQ4513SS	M12 × 1	
BQ177SS	3/8-24 UNF, special tube tee		<i>Spring Guards</i>		
<i>Female Unions</i>			BQ231	for 3/16" tube	3
BQ111SS	7/16-24 UNS	6	BQ232	for 1/4" tube	
<i>Male Unions</i>			<i>Tubing</i>		
BQ292SS	3/8-24 UNF (-3 JIC)	6	T187-20SS	3/16" tube, 20ft coil	3
BQ293SS	3/8-24 UNF (-3 JIC), long		T250-20SS	1/4" tube, 20ft coil	
			T312-20SS	5/16" tube, 20ft coil	
			T375-20SS	3/8" tube, 20ft coil	

<u>Part Number</u>	<u>Page</u>						
5MBT-5MJ	9	BQ89	7	BQ162	12	BQ313-SV	3
7MBT-6MJ	9	BQ90A	7	BQ163	12	BQ315	12
14MMBT-6MJ	9	BQ91A	7	BQ164	12	BQ316	12
16MMBT-6FI	9	BQ92A	7	BQ165	12	BQ318	19
16MMBT-6MJ	9	BQ93A	7	BQ166	12	BQ319	19
18MMBT-6MJ	9	BQ94A	7	BQ167	12	BQ320	3
BQ-01	19	BQ95A	7	BQ168	9	BQ321	3
BQ13	7	BQ110	6	BQ170	5	BQ322	3
BQ18	12	BQ111	6	BQ171	5	BQ350	16
BQ19	12	BQ111SS	6	BQ172	5	BQ350-1	16
BQ26	12	BQ112	6	BQ173	5	BQ350A	16
BQ33	5	BQ113	6	BQ174	5	BQ351	16
BQ34	5	BQ114	6	BQ176	9	BQ352	16
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BQ42	8	BQ117	6	BQ179	11	BQ361	7
BQ43	8	BQ119	6	BQ181	12	BQ378	7
BQ44	8	BQ120	8	BQ182	9	BQ379	8
BQ45	8	BQ121	8	BQ183	9	BQ380	8
BQ46	8	BQ122	8	BQ187	8	BQ383	8
BQ47	8	BQ123	8	BQ202	3	BQ392	11
BQ48	8	BQ124	8	BQ222	6	BQ393	11
BQ49	8	BQ125	8	BQ223	11	BQ402	15
BQ50	8	BQ127	8	BQ224	11	BQ405	14
BQ55	5	BQ128	9	BQ225	11	BQ406	15
BQ56A	7	BQ129	9	BQ226	5	BQ407	17
BQ56ASS	7	BQ130	9	BQ227	5	BQ408	17
BQ57	5	BQ131	9	BQ228	5	BQ412	19
BQ60	11	BQ132	9	BQ231	3	BQ601	15
BQ61	11	BQ134	9	BQ232	3	BQ602	15
BQ62	11	BQ135	9	BQ244	10	BQ602C	15
BQ63	11	BQ141	5	BQ246	8	BQ813	10
BQ71	6	BQ144	9	BQ247	8	BQ1016	10
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BQ81	7	BQ152	11	BQ262	8	BQ1218	10
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