

Automotive Plumbing Catalog

June 2016

Metal Tubing

Tube Nuts

Weld-On Studs

Tube Unions

Clips and Brackets

Bulkhead Nuts

Tees

Thread Adapters

Bump Tube Adapters

Transmission Line Adapters

Copper Washers

Banjo Bolts

Banjo Adapters

Weld-On Banjo Heads

Bleed Screws

Fitting Caps and Plugs

Assortment Kits

Tube Straighteners

Cutters

Tube Benders

Flaring Tools

Specialty Tools

Fuel Line and Fittings



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

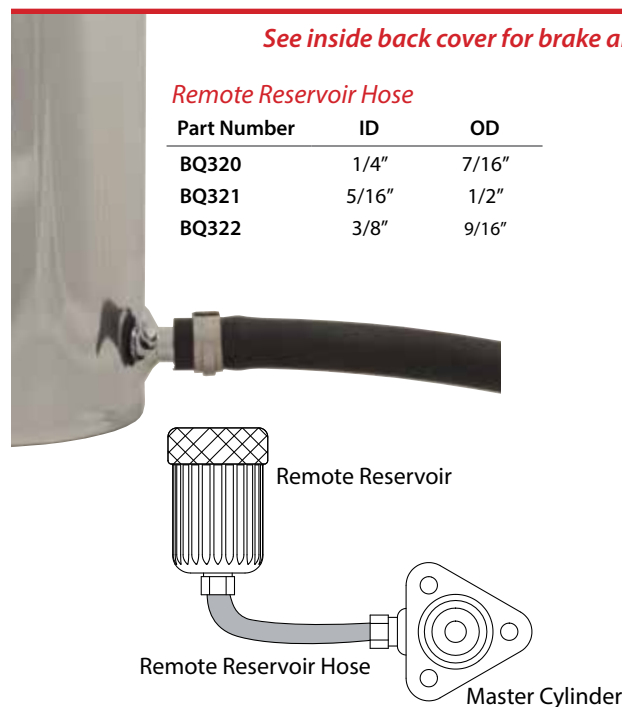
BrakeQuip 316L is soft-annealed, a heat treatment process which makes straightening, cutting, bending, and flaring far easier than with non-annealed stainless.

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. Other Tube and Hose Products

Remote Reservoir Hose

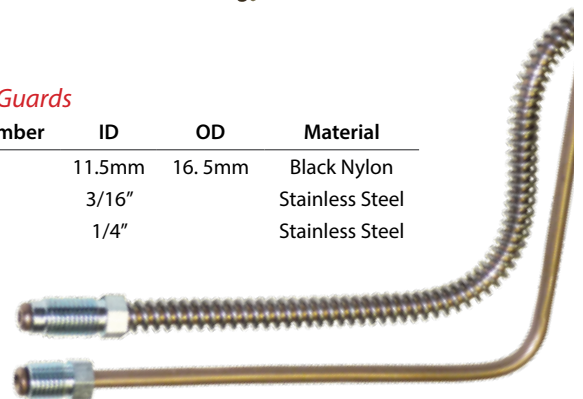
Part Number	ID	OD
BQ320	1/4"	7/16"
BQ321	5/16"	1/2"
BQ322	3/8"	9/16"



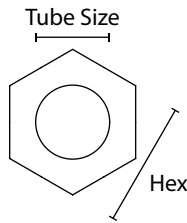
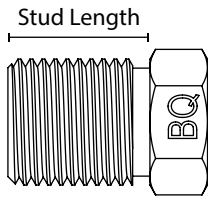
BQ313-SV Heat Shield
One size fits all. 5ft rolls.

Spring Guards

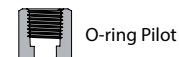
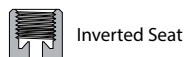
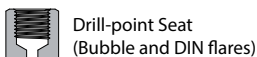
Part Number	ID	OD	Material
BQ202	11.5mm	16.5mm	Black Nylon
BQ231	3/16"		Stainless Steel
BQ232	1/4"		Stainless Steel



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

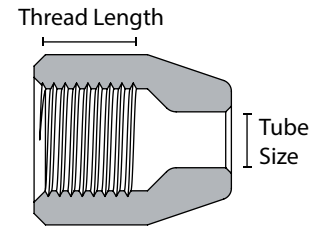


Part Number	Thread	Stud Length	Flare	Hex	Tube Size
BQ4276	3/8-20 BSF	14mm	45°	3/8	3/16"
BQ5555	3/8-24 UNF	9.1mm	45°	3/8	3/16"
BQ5555SS	3/8-24 UNF	9.1mm	45°	3/8	3/16"
BQ4285	3/8-24 UNF	17mm	45°	3/8	3/16"
BQ4277	7/16-20 UNF	18mm	45°	7/16	1/4"
BQ6118	7/16-20 UNF	17.5mm	45°	11mm	3/16"
BQ5842	7/16-24 UNS	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"
BQ9207	9/16-18 UNF	6.1mm	o-ring pilot	5/8"	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	33°	17mm	10mm
BQ9209	M16 × 1.5	10.9mm	33°	19mm	10mm
BQ9210	M18 × 1.5	14.4mm	33°	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

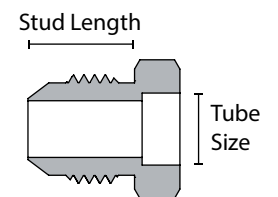
Aluminum

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"



BQ33
Pre-fluxed Silver Brazing Rod
 pack of 8

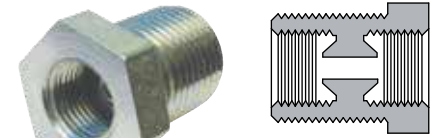
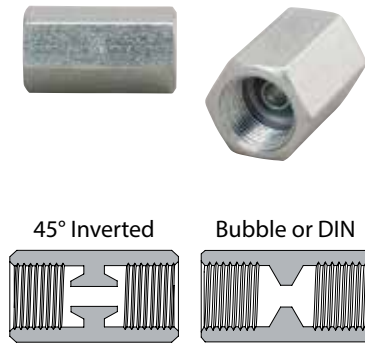
BQ34
Pre-fluxed Aluminum Brazing Rod
 pack of 5

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

Brazing Rods

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 UNS	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 BQ78SS 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



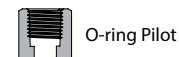
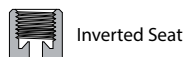
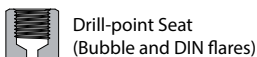
BQ3055SS
Universal Clip - Stainless



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
BQ78SS	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

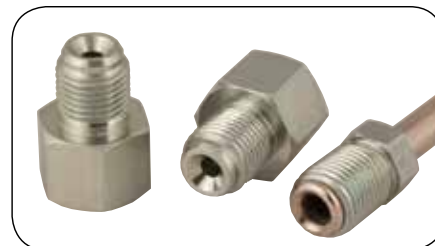
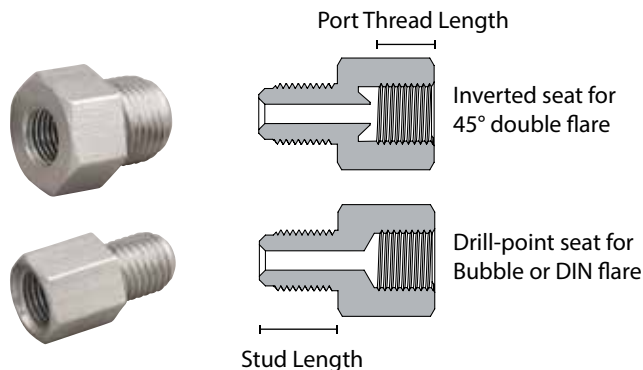
Male

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	5.16mm	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	5.16mm	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"
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
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



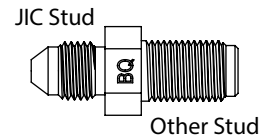
When deciding if an adapter will work with a specific port, think of the *Stud Fit* as a "tube-size equivalent," in that the adapter will seat properly if the corresponding tube and tube nut would also seat properly. Most BrakeQuip adapters correspond to 3/16" tube but there are a few exceptions, as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

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

Transmission Line Adapters

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

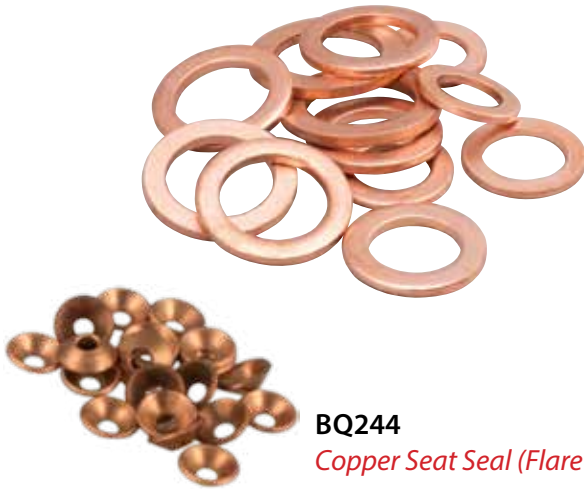


BQ182 Straight
5/8-18 UNF inverted seat



BQ183 90°
5/8-18 UNF inverted seat

Copper Washers See page 13 for assortment kit BQ7000.

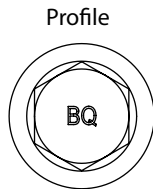
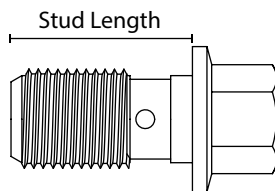


BQ244
Copper Seat Seal (Flare Gasket)

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



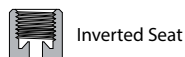
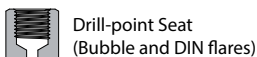
Part Number	Thread	Stud Length	Hex	Washer
BQ8093	3/8-24 UNF	25mm	11mm	BQ3858
BQ8093SS	3/8-24 UNF	25mm	11mm	BQ3858
BQ8089	7/16-20 UNF	23.8mm	1/2"	BQ1118
BQ8096	7/16-20 UNF	27mm	11mm	BQ1118
BQ8090	7/16-24 UNS	26.5mm	1/2"	BQ1118
BQ8097	1/2-20 UNF	31mm	9/16"	BQ1320
BQ8076	M8 x 1	17mm	10mm	BQ813
BQ8077	M8 x 1.25	16mm	10mm	BQ813
BQ8095	M10 x 1	22mm	11mm	BQ1016
BQ8095SS	M10 x 1	22mm	11mm	BQ1016
BQ8094	M10 x 1	26mm	11mm	BQ1016
BQ8099	M10 x 1.25	22mm	11mm	BQ1016
BQ8099SS	M10 x 1.25	22mm	11mm	BQ1016
BQ8075	M10 x 1.5	20mm	11mm	BQ1016
BQ8086	M10 x 1.5	23mm	11mm	BQ1016
BQ8086SS	M10 x 1.5	23mm	11mm	BQ1016
BQ8088	M10 x 1.5	27mm	11mm	BQ1016
BQ8087	M11 x 1.25	23mm	11mm	BQ1118
BQ8098	M12 x 1	21.3mm	13mm	BQ1218
BQ8078	M12 x 1.25	25mm	13mm	BQ1218
BQ8092	M12 x 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 x 1	34.5mm	11mm	BQ1016
BQ8084	M10 x 1.25	34.5mm	11mm	BQ1016

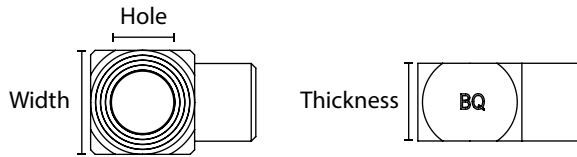
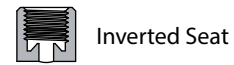
BQ8085 has a plain hex profile rather than round.



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



Round

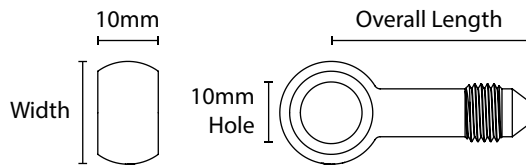
Part Number	Thread	JIC	Width	Overall Length
BQ150	3/8-24 UNF	-3	17mm	42mm
BQ151	3/8-24 UNF	-3	17mm	19.6mm
BQ152	3/8-24 UNF	-3	17mm	39.2mm
BQ155	7/16-20 UNF	-4	18mm	42mm



BQ151

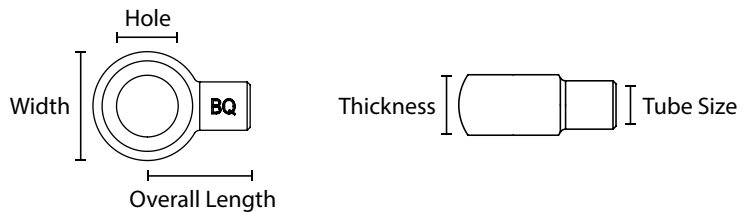
BQ150 and BQ155
both have a long tube.

BQ152
JIC Union

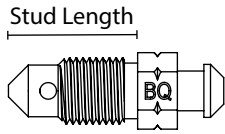


See page 5 for brazing/welding rods. **Weld-On Banjo Heads**

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

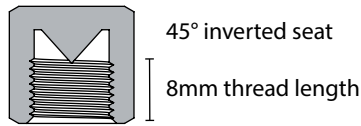
Rescue your brake component that has a stripped or broken bleed screw. Simply drill and tap to 1/8-27 NPT.

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

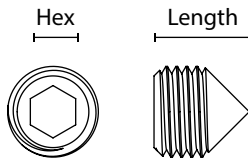


Part Number	Thread	Hex Size
BQ160	3/8-24 UNF	1/2"
BQ161	7/16-24 UNF	9/16"
BQ162	7/16-20 UNF	9/16"
BQ163	1/2-20 UNF	5/8"
BQ164	M10 × 1	13 mm
BQ165	M10 × 1.25	13 mm
BQ166	M12 × 1	16 mm
BQ167	M12 × 1.5	16 mm

Plugs

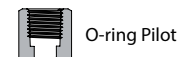
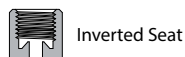
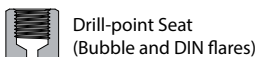


BQ1020 Banjo Blocking-Off Tool



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

See page 17 for line-stopper kits.



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 UNF — 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

BQ7005 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

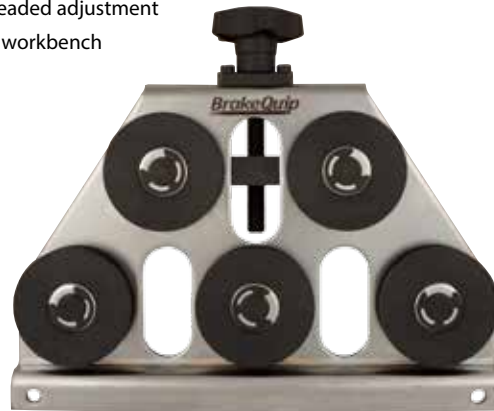
PN	Description	Qty
BQ4439	1/4-28 UNF	4
BQ4438	5/16-24 UNF	4
BQ4433	3/8-24 UNF	6
BQ4444	7/16-24 UNS	4
BQ4445	7/16-20 UNF	4
BQ4441	M7 × 1	4
BQ4443	M8 × 1	4
BQ4442	M8 × 1.25	4
BQ4435	M10 × 1 short	4
BQ4434	M10 × 1 long	4
BQ4446	M10 × 1.25	4
BQ4440	M10 × 1.5	4
BQ315	Small Cap	10
BQ316	Large Cap	10

Tube Workers — Straighteners

BQ1028 *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



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



Cutters

BQ601 and BQ602 *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.

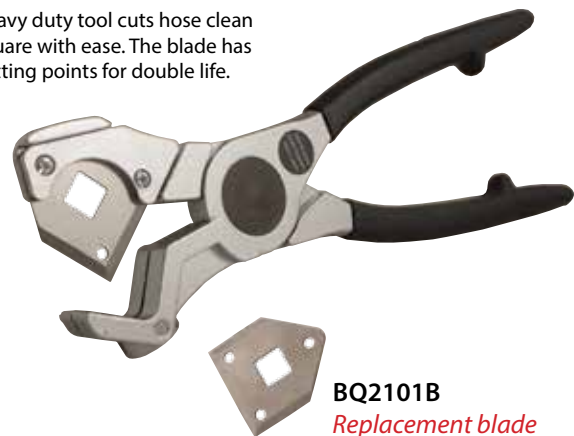
BQ602 *Professional Tube Cutter*

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

Tube Workers — Benders

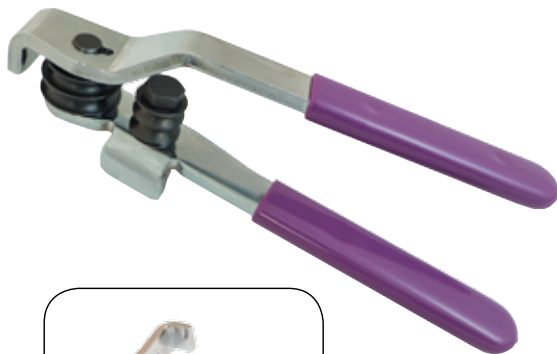
BQ402 Brake Tube Pliers

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)

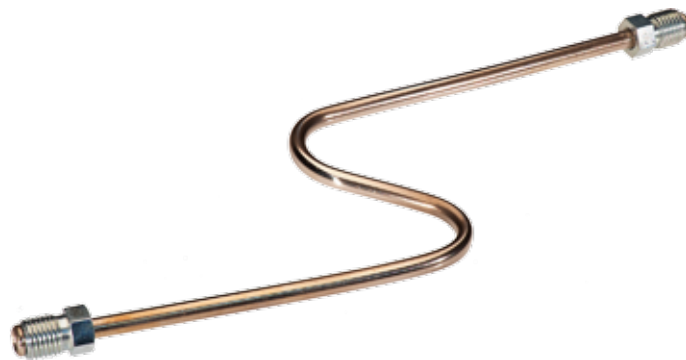
One side of the tool end is flat to facilitate cutting.



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



BQ613 Adjustable Tube Bender

The center wheel on this bender allows for quick changes between tube sizes. This tool is best when mounted in a vise, but it can be used under the vehicle as well.

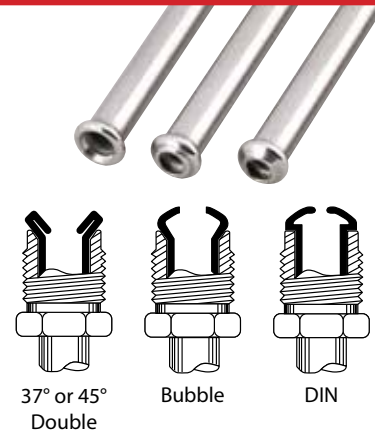
- One bender for many tube sizes: 3/16", 1/4", 5/16", 3/8", 6mm, 8mm, and 10mm.
- Bends up to 180°
- Double joint provides improved leverage when bending large tubing



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

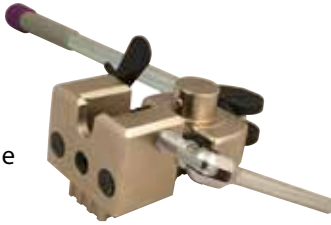
BrakeQuip *High-Speed Flaring Tools* are the industry standard for accurate and consistent flares.

- 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.



37° or 45° Double Bubble DIN

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"



BQ350

3/16", 1/4", 5/16", 3/8", 1/2"
4.75mm, 6mm, 8mm, 10mm

3/16", 1/4", 5/16", 3/8", 1/2"

3/16", 1/4"



BQ351

3/16", 1/4", 5/16", 3/8", 1/2"

none

3/16"



BQ352

none

3/16", 1/4", 5/16", 3/8", 1/2"

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**.

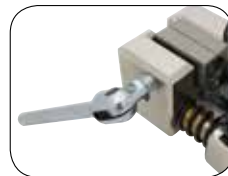
The BQ350A features ...



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	Male	Female
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	Male	Female
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
FL10-5 brass	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	Bump Tube Nuts							
FL09-6-5	2	FL11-14mm	2	BQ9148	4				
FL09-6-6	2	FL12-14mm	2	BQ9149	4				
Quick Connector Tubes									
FL03-5	2	FL13-5	2	Screws and Clamps					
FL03-6	2	FL13-6	2	BQ811	20				
FL04-6	2	FL14-5	2	FL25	20				
FL05-4	2	FL14-6	2	FL26	20				
FuelFlex Connectors									
FL20-5	2	FL15	1	FL34	20				
FL20-6	2	Tools							
FuelFlex Unions									
BQ318	1	Tube Protection							
Male-Female Adapters									
BQ319	1	FL10-5	1	BQ313-SV	5ft				
BQ-01 cutter	1	FL10-6S	1						
BQ412	1	FL10-14mm	1						

BQFL4500 Fuel Line Kit

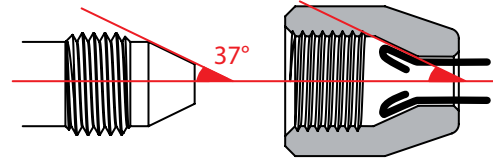


The BrakeQuip Professional Fuel Line Kit comes with dozens of components and fittings, from quick connects and adapters to pliers, clamps, and heat shields. With over 180 pieces and 50 feet of FuelFlex Tubing, this kit is a complete fuel line solution for almost any vehicle.

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 corresponding AN (Army-Navy) fittings. 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>Male Tees</i>				<i>Male-Male Adapters (continued)</i>				
BQ360	-3	Bolt mount male tube tee	7	BQ128	-3	JIC to M10 x 1.25	9	
BQ361	-4	Bolt mount male tube tee		BQ130	-3	JIC to M10 x 1.5		
<i>Weld-On Studs</i>				5	BQ131	-4	JIC to 3/8-24 UNF	
BQ153	-3	Steel stud for 3/16" tube		BQ134	-4	JIC to 7/16-24 UNS		
BQ170	-6	Aluminum stud for 3/8" tube		BQ145	-4	JIC to M10 x 1		
BQ172	-8	Aluminum stud for 1/2" tube		BQ176	-4	JIC to M10 x 1, long		
BQ173	-10	Aluminum stud for 5/8" tube		BQ144	-4	JIC to M12 x 1		
BQ226	-6	Steel stud for 3/8" tube		BQ149	-4	JIC to M12 x 1.25		
BQ227	-6	Steel stud for 10mm tube		<i>Bump Tube Adapters</i>				
BQ228	-6	Steel stud for 1/2" tube		5MBT-5MJ	-5	JIC to 1/2-20 UNF	9	
<i>Male Unions</i>				6	7MBT-6MJ	-6	JIC to 11/16-18 UNS	
BQ292	-3	Steel JIC union		14MMBT-6MJ	-6	JIC to M14 x 1.5		
BQ292SS	-3	Stainless steel JIC union		16MMBT-6MJ	-6	JIC to M16 x 1.5		
BQ293SS	-3	Stainless steel JIC union, long		18MMBT-6MJ	-6	JIC to M18 x 1.5		
<i>Male-Male Adapters</i>				9	<i>Banjo Adapters</i>			
BQ135	-3	JIC to 3/8-24 UNF		BQ150	-3	Round banjo head, long	11	
BQ132	-3	JIC to 1/4-28 UNF		BQ151	-3	Round banjo head		
BQ168	-3	JIC to 1/2-20 UNF		BQ152	-3	Round banjo union (2 studs)		
BQ157	-3	JIC to 1/8-28 BSPP		BQ155	-4	Round banjo head, long		
BQ129	-3	JIC to M10 x 1						

Stainless Steel

Part Number	Description	Page	Part Number	Description	Page	
<i>Banjo Bolts</i>			<i>Male Tube Nuts</i>			
BQ8093SS	3/8-24 UNF	10	BQ5555SS	3/8-24 UNF	4	
BQ8095SS	M10 x 1		BQ5842SS	7/16-24 UNS		
BQ8099SS	M10 x 1.25		BQ2577SS	7/16-24 UNS		
BQ8086SS	M10 x 1.5		BQ4511SS	M10 x 1		
<i>Bulkhead Nuts</i>			7	BQ4513SS	M12 x 1	
BQ78SS	3/8-24 UNF		<i>Male Unions</i>			
<i>Clips</i>			6	BQ292SS	3/8-24 UNF (-3 JIC)	
BQ3055SS	Universal Clip		BQ293SS	3/8-24 UNF (-3 JIC), long	6	
<i>Female Tees</i>			7	<i>Spring Guards</i>		
BQ56ASS	3/8-24 UNF, bolt mount		BQ231	for 3/16" tube	3	
BQ177SS	3/8-24 UNF, special tube tee		BQ232	for 1/4" tube		
<i>Female Unions</i>			6	<i>Tubing</i>		
BQ111SS	7/16-24 UNS		T187-20SS	3/16" tube, 20ft coil	3	
			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>	<u>Part Number</u>	<u>Page</u>	<u>Part Number</u>	<u>Page</u>	<u>Part Number</u>	<u>Page</u>
5MBT-5MJ	9	BQ87	7	BQ161	12	BQ315	12
7MBT-6MJ	9	BQ89	7	BQ162	12	BQ316	12
14MMBT-6MJ	9	BQ90A	7	BQ163	12	BQ318	19
16MMBT-6FI	9	BQ91A	7	BQ164	12	BQ319	19
16MMBT-6MJ	9	BQ92A	7	BQ165	12	BQ320	3
18MMBT-6MJ	9	BQ93A	7	BQ166	12	BQ321	3
BQ-01	19	BQ94A	7	BQ167	12	BQ322	3
BQ13	7	BQ95A	7	BQ168	9	BQ350	16
BQ18	12	BQ110	6	BQ170	5	BQ350-1	16
BQ19	12	BQ111	6	BQ171	5	BQ350A	16
BQ26	12	BQ111SS	6	BQ172	5	BQ351	16
BQ33	5	BQ112	6	BQ173	5	BQ352	16
BQ34	5	BQ113	6	BQ174	5	BQ352-BQ	16
BQ40	8	BQ114	6	BQ176	9	BQ360	7
BQ41	8	BQ115	6	BQ177SS	7	BQ361	7
BQ42	8	BQ116	6	BQ178	11	BQ378	7
BQ43	8	BQ117	6	BQ179	11	BQ379	8
BQ44	8	BQ119	6	BQ181	12	BQ380	8
BQ45	8	BQ120	8	BQ182	9	BQ383	8
BQ46	8	BQ121	8	BQ183	9	BQ402	15
BQ47	8	BQ122	8	BQ187	8	BQ405	14
BQ48	8	BQ123	8	BQ202	3	BQ406	15
BQ49	8	BQ124	8	BQ222	6	BQ407	17
BQ50	8	BQ125	8	BQ223	11	BQ408	17
BQ55	5	BQ127	8	BQ224	11	BQ412	19
BQ56A	7	BQ128	9	BQ225	11	BQ601	14
BQ56ASS	7	BQ129	9	BQ226	5	BQ602	14
BQ57	5	BQ130	9	BQ227	5	BQ602C	14
BQ60	11	BQ131	9	BQ228	5	BQ613	15
BQ61	11	BQ132	9	BQ231	3	BQ813	10
BQ62	11	BQ134	9	BQ232	3	BQ1016	10
BQ63	11	BQ135	9	BQ244	10	BQ1020	12
BQ71	6	BQ141	5	BQ246	8	BQ1028	14
BQ72	4	BQ144	9	BQ247	8	BQ1028-75	14
BQ75	7	BQ145	9	BQ248	8	BQ1118	10
BQ77	7	BQ147	6	BQ249	6	BQ1218	10
BQ78	7	BQ148	6	BQ250	6	BQ1320	10
BQ78SS	7	BQ149	9	BQ260	8	BQ1421	10
BQ79	7	BQ150	11	BQ261	8	BQ1522	10
BQ80	7	BQ151	11	BQ262	8	BQ1624	10
BQ81	7	BQ152	11	BQ264	7	BQ2100	17
BQ82	7	BQ153	5	BQ265	7	BQ2101B	14
BQ83	7	BQ155	11	BQ292	6	BQ2103	14
BQ84	7	BQ156	8	BQ292SS	6	BQ2200	17
BQ85	7	BQ157	9	BQ293SS	6	BQ2200-1	17
BQ86	7	BQ160	12	BQ313-SV	3	BQ2200W	17

Index

Part Number	Page	Part Number	Page	Part Number	Page	Part Number	Page
BQ2577	4	BQ7012	13	BQ9187	4	FL11-14mm	18
BQ2577SS	4	BQ7014	13	BQ9188	4	FL12-14mm	18
BQ2578	4	BQ7812	7	BQ9189	4	FL13-5	18
BQ3052	6	BQ8075	10	BQ9190	4	FL13-6	18
BQ3053	6	BQ8076	10	BQ9191	4	FL14-5	18
BQ3055SS	6	BQ8077	10	BQ9192	4	FL14-6	18
BQ3858	10	BQ8078	10	BQ9193	4	FL15	18
BQ4276	4	BQ8083	10	BQ9194	4	FL20-5	18
BQ4277	4	BQ8084	10	BQ9195	4	FL20-6	18
BQ4285	4	BQ8085	10	BQ9196	4	FL21	19
BQ4433	12	BQ8086	10	BQ9197	4	FL22	19
BQ4434	12	BQ8086SS	10	BQ9198	4	FL25	19
BQ4435	12	BQ8087	10	BQ9199	4	FL26	19
BQ4436	12	BQ8088	10	BQ9207	5	FL34	6, 19
BQ4438	12	BQ8089	10	BQ9208	5	FL35	6, 19
BQ4439	12	BQ8090	10	BQ9209	5	FL36	19
BQ4440	12	BQ8092	10	BQ9210	5	FL37	19
BQ4441	12	BQ8093	10	BQ9300	8	FL38	19
BQ4442	12	BQ8093SS	10	BQ9301	8	FL39	19
BQ4443	12	BQ8094	10	BQB06	6	T8-FF	19
BQ4444	12	BQ8095	10	BQB244	6	T10-FF	19
BQ4445	12	BQ8095SS	10	BQFL4500	19	T187-20SS	3
BQ4446	12	BQ8096	10	FL01-5	19	T187-25CN	2
BQ4510	4	BQ8097	10	FL01-6	19	T187-25SE	2
BQ4511	4	BQ8098	10	FL02-5	18	T187-100CN	2
BQ4511LT	4	BQ8099	10	FL02-6	18	T187-100SE	2
BQ4511SS	4	BQ8099SS	10	FL03-5	18	T250-20SS	3
BQ4512	4	BQ9148	4, 19	FL03-6	18	T250-25CN	2
BQ4513	4	BQ9149	4, 19	FL04-6	18	T250-25SE	2
BQ4513LT	4	BQ9156	5	FL05-4	18	T250-100CN	2
BQ4513SS	4	BQ9157	4	FL06-5-4	18	T250-100SE	2
BQ5555	4	BQ9166	4	FL06-6-5	18	T312-20SS	3
BQ5555SS	4	BQ9169	4	FL07-5	18	T312-25CN	2
BQ5842	4	BQ9174	5	FL07-6	18	T312-25SE	2
BQ5842SS	4	BQ9175	5	FL08-4-5	18	T375-20SS	3
BQ6118	4	BQ9176	5	FL08-5-5	18	T375-25CN	2
BQ7000	13	BQ9177	5	FL08-5-6	18	T375-25SE	2
BQ7001	13	BQ9178	5	FL08-6-5	18		
BQ7002	13	BQ9179	5	FL08-6-6	18		
BQ7003	13	BQ9180	4	FL09-5-5	18		
BQ7004	13	BQ9181	4	FL09-5-6	18		
BQ7005	13	BQ9182	4	FL09-6-5	18		
BQ7006	13	BQ9183	4	FL09-6-6	18		
BQ7007	13	BQ9184	4	FL10-5	19		
BQ7009	13	BQ9185	4	FL10-6S	19		
BQ7010	13	BQ9186	4	FL10-14mm	19		

[Find a Dealer](#)

BrakeQuip Products are Available from Authorized Dealers in more than 60 Countries

Find your local dealer at brakequip.com/find-a-dealer

- Standard Profile Brake Hoses
- Low-Profile Brake Hoses
- Power Steering Hoses
- Metal Tube
- Hardware
- Tools



Replacement or Custom Brake, Clutch, and Power Steering Hoses

Replace your old hoses to improve system performance. Custom hoses can reduce the number of leak points, provide for proper hose routing, and offer a personalized touch.



BrakeQuip hoses, tubes, and fittings are designed to meet or exceed all international safety and quality standards.

Every BrakeQuip brake hose is pressure tested to 3000 psi for quality that you can trust.

BrakeQuip®

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

Since 1998

brakequip.com

Complete your next build with the right tools. Whether double flaring our stainless steel or shaping our signature EziBend copper-nickel, BrakeQuip hand tools are fast and consistent and deliver clean, professional results.

BrakeQuip offers a comprehensive selection of fuel line and hardware components.

Every BrakeQuip hose assembly is DOT compliant and meets all international standards. For replacement or custom hoses, contact one of over 600 local BrakeQuip dealers.

Learn more at brakequip.com.



To find a local hose dealer, visit brakequip.com/find-a-dealer

