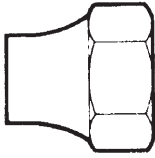


BRASS FITTINGS

Standard Forged Nut (Long)



Item Number	O.D. Tube Size
N4E	3/8"
N4F	1/2"

Short Forged Nut



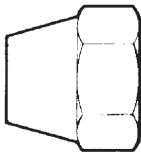
Item Number	O.D. Tube Size
NS4C*	1/4"
NS4D*	5/16"
NS4E	3/8"
NS4F	1/2"
NS4I	5/8"
NS4K	3/4"

Short Forged Reducing Nut



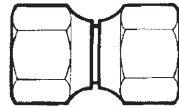
Item Number	O.D. Tube Size
NRS4EC*	3/8" x 1/4"
NRS4FE	1/2" x 3/8"
NRS4IE	5/8" x 3/8"
NRS4IF	5/8" x 1/2"

Extra Heavy Pattern Nut



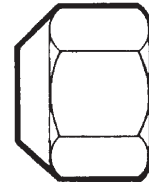
Item Number	O.D. Tube Size
RN4C*	1/4"
RN4E	3/8"
RN4F	1/2"
RN4I	5/8"

Swivel Nut



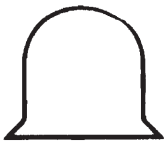
Item Number	O.D. Tube Size
US4C*	1/4"
US4E	3/8"
US4F	1/2"
US4I	5/8"
US4EC*	3/8" x 1/4"
US4FE	1/2" x 3/8"
US4IF	5/8" x 1/2"

Flare Cap



Item Number	O.D. Tube Size
N5C*	1/4"
N5E	3/8"
N5F	1/2"
N5I	5/8"

SAE Copper Seal Bonnet



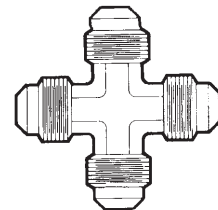
Item Number	O.D. Tube Size
B1C*	1/4"
B1E	3/8"
B1F	1/2"
B1I*	5/8"

SAE Copper Gasket



Item Number	O.D. Tube Size
B2C*	1/4"
B2E*	3/8"
B2F*	1/2"

SAE Flare Cross



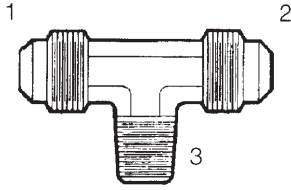
Item Number	O.D. Tube Size
C1E*	3/8"
C1F*	1/2"
C1I*	5/8"
C1EEEF*	3/8" x 3/8" x 3/8" x 1/2"

* Special Order Only - Minimum Quantities Required.

BRASS FITTINGS

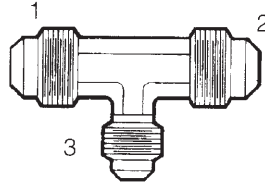
Brass

2-Way Tee



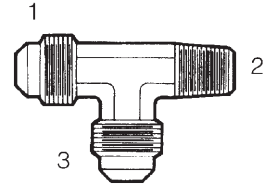
Item Number	O.D. Tube Size		
	OD 1	OD 2	Pipe 3
45CCA*	1/4" x 1/4" x 1/8"		
45CCC*	1/4" x 1/4" x 1/4"		
45EEC*	3/8" x 3/8" x 1/4"		
45EEE	3/8" x 3/8" x 3/8"		
45EEF	3/8" x 3/8" x 1/2"		
45FFE*	1/2" x 1/2" x 3/8"		
45FFF	1/2" x 1/2" x 1/2"		
45IIF	5/8" x 5/8" x 1/2"		

3-Way Reducing Tee



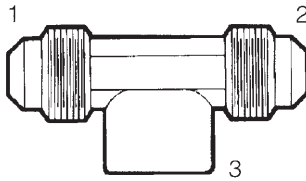
Item Number	O.D. Tube Size		
	1	2	3
44EEC*	3/8" x 3/8" x 1/4"		
44EEF	3/8" x 3/8" x 1/2"		
44EEI*	3/8" x 3/8" x 5/8"		
44FEE	1/2" x 3/8" x 3/8"		
44FEF	1/2" x 3/8" x 1/2"		
44FFE	1/2" x 1/2" x 3/8"		
44FFI	1/2" x 1/2" x 5/8"		
44IEE*	5/8" x 3/8" x 3/8"		
44IEI	5/8" x 3/8" x 5/8"		
44IFE	5/8" x 1/2" x 3/8"		
44IFF*	5/8" x 1/2" x 1/2"		
44IFI*	5/8" x 1/2" x 5/8"		
44IIE	5/8" x 5/8" x 3/8"		
44IIF	5/8" x 5/8" x 1/2"		

2-Way Tee



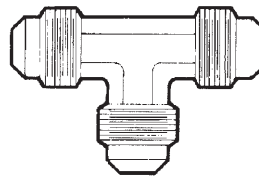
Item Number	O.D. Pipe O.D.		
	1	2	3
51FFE*	1/2" x 1/2" x 3/8"		
51FFF*	1/2" x 1/2" x 1/2"		

2-Way Tee



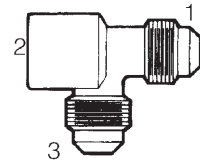
Item Number	O.D. Tube Size		
	OD 1	OD 2	Pipe 3
52EEC*	3/8" x 3/8" x 1/4"		
52EEF*	3/8" x 3/8" x 1/2"		
52FFF*	1/2" x 1/2" x 1/2"		

3-Way Tee



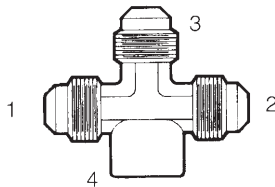
Item Number	O.D. Tube Size
44C*	1/4"
44D*	5/16"
44E	3/8"
44F	1/2"
44I	5/8"

2-Way Tee



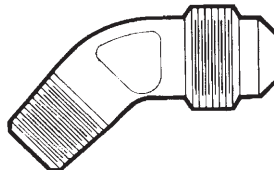
Item Number	O.D. Pipe O.D.		
	1	2	3
53EFE*	3/8" x 1/2" x 3/8"		
53EFF*	3/8" x 1/2" x 1/2"		

3-Way Take-Off Cross



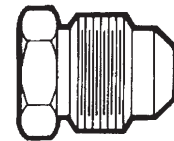
Item Number	O.D. Tube Size			
	OD 1	OD 2	OD 3	Pipe 4
C4EEEF*	3/8 x 3/8" x 3/8" x 1/2"			

45° Elbow



Item Number	O.D. Tube Size	Pipe Size
47EC	3/8" x 1/4"	
47FE*	1/2" x 3/8"	
47FF*	1/2" x 1/2"	

Flare Plug

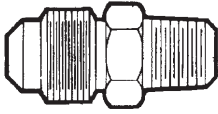


Item Number	O.D. Tube Size
P2C*	1/4"
P2E	3/8"
P2F	1/2"
P2I	5/8"

* Special Order Only - Minimum Quantities Required.

BRASS FITTINGS

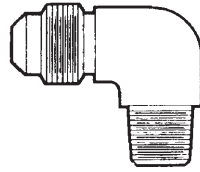
Male Connector



Item Number	O.D. Tube Size	Pipe Size
48BA*	3/16" x 1/8"	
48CA*	1/4" x 1/8"	
48CC*	1/4" x 1/4"	
48CE	1/4" x 3/8"	
48CF*	1/4" x 1/2"	
48DA*	5/16" x 1/8"	
48DC*	5/16" x 1/4"	
48EA	3/8" x 1/8"	
48EC	3/8" x 1/4"	
48EE	3/8" x 3/8"	
**48EF	3/8" x 1/2"	
48EK	3/8" x 3/4"	
48FC	1/2" x 1/4"	
**48FE	1/2" x 3/8"	
*48FF	1/2" x 1/2"	
**48FK	1/2" x 3/4"	
48IC	5/8" x 1/4"	
48IE	5/8" x 3/8"	
**48IF	5/8" x 1/2"	
48IK	5/8" x 3/4"	
48KK	3/4" x 3/4"	
48LK*	7/8" x 3/4"	

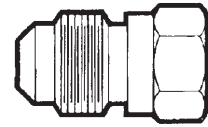
** Available with longer threads. Specify "R".

Male Elbow



Item Number	O.D. Tube Size	Pipe Size
49BA*	3/16" x 1/8"	
49CA*	1/4" x 1/8"	
49CC*	1/4" x 1/4"	
49CE*	1/4" x 3/8"	
49CF	1/4" x 1/2"	
49EA	3/8" x 1/8"	
49EC	3/8" x 1/4"	
49EE	3/8" x 3/8"	
49EF	3/8" x 1/2"	
49EK	3/8" x 3/4"	
49FC*	1/2" x 1/4"	
49FE	1/2" x 3/8"	
49FF	1/2" x 1/2"	
49FK	1/2" x 3/4"	
49IE*	5/8" x 3/8"	
49IF	5/8" x 1/2"	
49IK	5/8" x 3/4"	

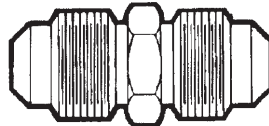
Female Connector



Item Number	O.D. Tube Size	Pipe Size
46CA*	1/4" x 1/8"	
46CC*	1/4" x 1/4"	
46CE*	1/4" x 3/8"	
46EA	3/8" x 1/8"	
46EC	3/8" x 1/4"	
46EE	3/8" x 3/8"	
46EF	3/8" x 1/2"	
46EK	3/8" x 3/4"	
46FC	1/2" x 1/4"	
46FE	1/2" x 3/8"	
46FF	1/2" x 1/2"	
46FK	1/2" x 3/4"	
46IE*	5/8" x 3/8"	
46IF	5/8" x 1/2"	
46IK	5/8" x 3/4"	
46KK*	3/4" x 3/4"	

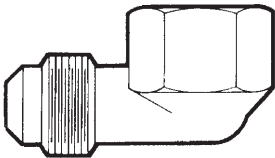
Brass

Full Union



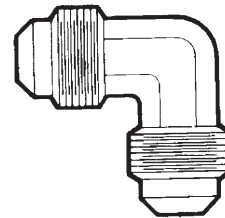
Item Number	O.D. Tube Size
42C	1/4"
42D	5/16"
42E	3/8"
42F	1/2"
42I	5/8"
42K*	3/4"

Female Elbow



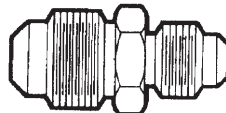
Item Number	O.D. Tube Size	Pipe Size
50EC*	3/8" x 1/4"	
54EE	3/8" x 3/8"	
54EF	3/8" x 1/2"	
54EK	3/8" x 3/4"	
54FE	1/2" x 3/8"	
54FF	1/2" x 1/2"	
54FK	1/2" x 3/4"	
54IE*	5/8" x 3/8"	
54IF	5/8" x 1/2"	
54IK	5/8" x 3/4"	

2-Way Elbow



Item Number	O.D. Tube Size
55C*	1/4"
55E	3/8"
55F	1/2"
55I	5/8"
55FE	1/2" x 3/8"
55IF*	5/8" x 1/2"

Reducing Union



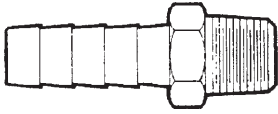
Item Number	O.D. Tube Size
42EC	3/8" x 1/4"
42FE	1/2" x 3/8"
42IE	5/8" x 3/8"
42IF	5/8" x 1/2"

* Special Order Only - Minimum Quantities Required.

BRASS FITTINGS

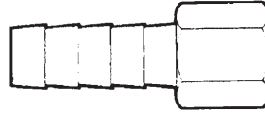
Brass

Hose Barb to MPT



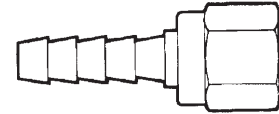
Item Number	MPT	Hose Barb
BG30AC	1/8" x 1/4"	
BG30AD	1/8" x 5/16"	
BG30CC	1/4" x 1/4"	
BG30CE	1/4" x 3/8"	
BG30CF	1/4" x 1/2"	
BG30EC	3/8" x 1/4"	
BG30EE	3/8" x 3/8"	
BG30EF	3/8" x 1/2"	
BG30FE	1/2" x 3/8"	
BG30FF	1/2" x 1/2"	
BG30KF*	3/4" x 1/2"	
BG30KK*	3/4" x 3/4"	

Hose Barb to FIP



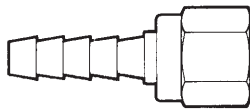
Item Number	FIP	Hose Barb
BG32AC	1/8" x 1/4"	
BG32CC	1/4" x 1/4"	
BG32CE	1/4" x 3/8"	
BG32EC	3/8" x 1/4"	
BG32EE	3/8" x 3/8"	
BG32FE	1/2" x 3/8"	

Hose Barb to Female Flare Swivel



Item Number	Description
HC4334	1/4" Hose Barb Only
HC4335	1/4" Hose Barb & NS4E
HC4336	3/8" Hose Barb & NS4E

Hose Barb & Nut



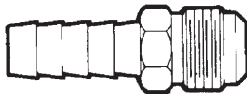
Item Number	Description
BG23C	1/4" Hose Barb & 9/16" L.H. Nut
BG23E	3/8" Hose Barb & 9/16" L.H. Nut

Brass Hose Nut



Item Number	Description
8	9/16" L.H. Brass Hose Nut

Flare to Hose Barb Adapter



Item Number	Description
HC4835	1/4" Hose Barb x 3/8" O.D. Male Flare

Brass Hose Ferrules



Item Number	Inside Diameter
7326	.593"
7327	.625"
7328	.656"
7332	.781"

Hand Crimping Tool

Application

To be used with 3/16", 1/4" and 3/8" ID hose ferrules. Strike with hammer or press in vise, then turn 90° and press or strike again.



Item Number	Description
GB-3	Hand Crimping Tool

I.D. Hose Coupler



Item Number	Hose Barbs
BG27C	1/4" x 1/4"
BG27D*	5/16" x 5/16"
BG27E*	3/8" x 3/8"

Hose Barb

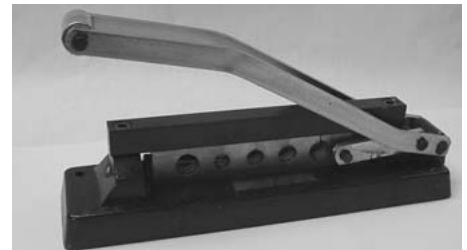


Item Number	Description
HC5133	1/4" I.D. Hose Barb x 1/4" Inverted Flare

Heavy Duty Hand Crimping Tool

Application

Handles 1/4" ID single braid hose thru 3/8" ID double braid hose. Comes with 5 dies.

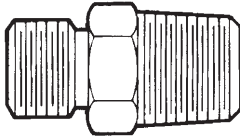


Item Number	Description
855	Crimps ferrules on 3/16", 1/4", 5/16" & 3/8" ID hose

* Special Order Only - Minimum Quantities Required.

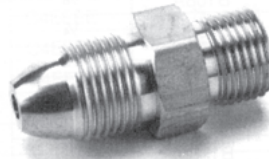
P.O.L. FITTINGS AND ADAPTERS

Outlet Bushing



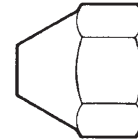
Item Number	Description
BG24C	1/4" MPT x 9/16"-18 L.H. Thread
BG24E	3/8" MPT x 9/16"-18 L.H. Thread
BG26C	9/16" L.H. Thread x 9/16"-18 L.H. Thread

P.O.L. Adapter



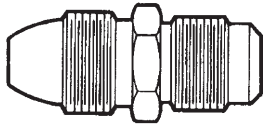
Item Number	Description
51	Male P.O.L. x Hopane

P.O.L. Cap



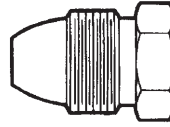
Item Number	Description
115	Forged P.O.L. Cap

Male Flare x P.O.L. Adapter



Item Number	Description
BG20I	5/8" Male Flare x P.O.L.

Male Plug



Item Number	Description
A2014	Solid P.O.L. Male Plug

P.O.L. Adapter



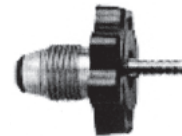
Item Number	Description
HC5930	P.O.L. x 1/4" Barb, 7/8" Hex
G1683	Excess Flow P.O.L. x 1/4" Barb, 7/8" Hex

QCC Connectors



Item Number	Description
G1851-A02	1/4" M. NPT x F.QCC
G1850	QCC Purge Adapter
G1851-A03P50	QCC Purge Adapter - Large Capacity

P.O.L. Adapter



Item Number	Description
G1656	Soft Nose P.O.L. with Handwheel x 1/4" Hose (7) Barb
G1655	Excess Flow Soft Nose P.O.L. with Handwheel x 1/4" Hose (7) Barb

Quick-Connect Plug

Quick-Connect Brass Plug for Grill Quick-Connects.



Item Number	Description
5LPA-7	For use with Sturgis Quick-Connect Sockets Only
5LPA-8C	For use with Hansen Quick-Connect Sockets Only

Filling Adapters



Item Number	Description
5LPA-FP	Filling Adapter for New Grill Quick-Connect Couplers. Female P.O.L. has plug nipple for filling into the new 5LPN grill quick-connect coupling.

Brass

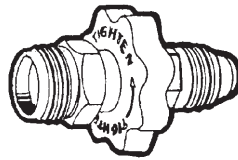
ADAPTERS

High Pressure Brass Connection Fittings



Item Number	Description
G488	1/4" MPT x 1"-20 Female
G485	1"-20 Female x 9/16"-18 L.H. Male with Check Valve
G492	1/4" Female Pipe Thread x 1"-20 Male Thread with O-ring
G493	9/16"-18 L.H. x 1"-20 Male Thread with Check Valve and O-ring
G-494	Same as G493 less Check Valve and O-ring
G-417	1/4" MPT x 1"-20 Male Thread with Check Valve and O-ring

P.O.L. Adapter



Item Number	Description
G-475	1"-20 Male x 60 Orifice Soft Nose Handwheel P.O.L.

Tee-For-Two



Item Number	Description
G-413	Two High Pressure Appliances Can Be Fueled by The Same, Larger L.P. Cylinder. Use the G-413 Fitting and 42421-44 or 42421-60 Hoses.

Add-A-Tee



Item Number	Description
G-414	Extend-A-Flow Kit Plus the G-414 Fitting Permits Two Appliances to be Operated From the Same Fuel Source.

Extend-A-Stay



Item Number	Description
G-420	Listed for O.E.M. Use

Extend-A-Flow Tee



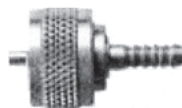
Item Number	Description
G-415	Extend-A-Flow Kit Allows for Use of Existing L.P. Supply to Fuel High Pressure Appliances Such as Campstoves and Table Top Grills. Listed for O.E.M. Use.

Cap-A-Tee



Item Number	Description
G483	1"-20 Female Thread with Gasket to Protect and Seal Male Fittings. Knurled Finish Eliminates Need for Tools to Tighten Securely.

Female Swivel Adapter



Item Number	Description
G484	Female 1"-20 Swivel x 1/4" Hose (5) Barb

Male Swivel Adapter



Item Number	Description
G496	Male 1"-20 Swivel x 1/4" Hose (5) Barb

Brass

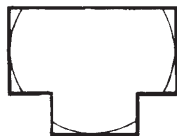
BRASS PIPE FITTINGS

FPT to FPT Elbow



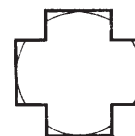
Item Number	Pipe Size
B100A*	1/8"
B100C	1/4"
B100E	3/8"
B100F*	1/2"
B100K*	3/4"
B100M*	1"
B100Q*	1-1/4"
B100R*	1-1/2"

Tee, FPT All Ends



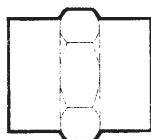
Item Number	Pipe Size
B101A*	1/8"
B101C*	1/4"
B101E*	3/8"
B101F*	1/2"
B101K*	3/4"
B101M*	1"

Cross, FPT All Ends



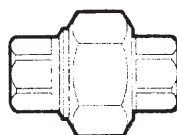
Item Number	Pipe Size
B102C	1/4"
B102F*	1/2"
B102K*	3/4"
B102M*	1"

Coupling, FPT to FPT



Item Number	Pipe Size
B103A*	1/8"
B103C*	1/4"
B103E*	3/8"
B103F	1/2"
B103K*	3/4"
B103M*	1"

Ground Joint Union, FPT to FPT



Item Number	Pipe Size
B104C	1/4"
B104E*	3/8"
B104F	1/2"
B104K	3/4"
B104M*	1"

Cap



Item Number	Pipe Size
B108A*	1/8"
B108C*	1/4"
B108E	3/8"
B108F*	1/2"
B108K*	3/4"
B108M*	1"

Square Head Plug, Solid



Item Number	Pipe Size
B109A*	1/8"
B109C	1/4"
B109E	3/8"
B109F*	1/2"
B109K*	3/4"
B109M*	1"

Bushing



Item Number	Pipe Size
B110CA	1/4" x 1/8"
B110EA*	3/8" x 1/8"
B110EC*	3/8" x 1/4"
B110FA*	1/2" x 1/8"
B110FC	1/2" x 1/4"
B110FE*	1/2" x 3/8"
B110KC*	3/4" x 1/4"
B110KE	3/4" x 3/8"
B110KF*	3/4" x 1/2"
B110MF*	1" x 1/2"
B110MK*	1" x 3/4"
B110QM*	1-1/4" x 1"

Long Nipple



Item Number	Pipe Size
B113A11/2*	1/8" x 1-1/2"
B113AX2*	1/8" x 2"
B113A21/2*	1/8" x 2-1/2"
B113AX3*	1/8" x 3"
B113AX4*	1/8" x 4"
B113AX5*	1/8" x 5"
B113AX6*	1/8" x 6"
B113C11/2*	1/4" x 1-1/2"
B113CX2*	1/4" x 2"
B113C21/2*	1/4" x 2-1/2"
B113CX3*	1/4" x 3"

Close Nipple



Item Number	Pipe Size
B112A*	1/8"
B112C*	1/4"
B112E*	3/8"
B112F*	1/2"
B112K*	3/4"
B112M*	1"

* Special Order Only - Minimum Quantities Required.