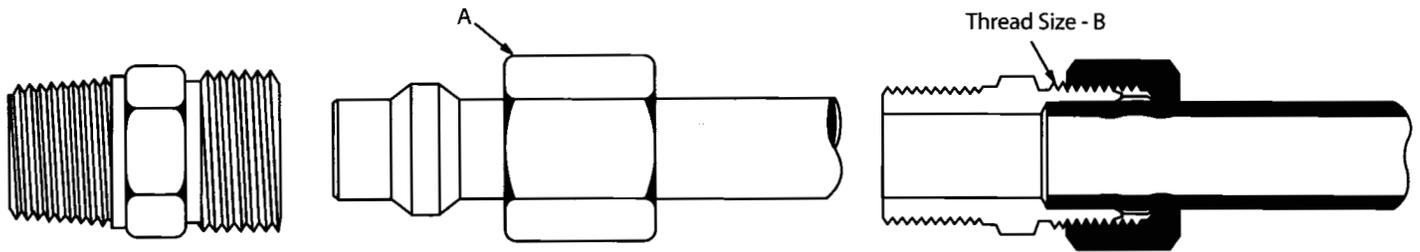


COMPRESSION FITTINGS



Brass

Tube O.D.	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1
Thread Size-B	5/16-24	3/8-24	7/16-24	1/2-24	9/16-24	5/8-24	11/16-20	13/16-18	1-18	1-1/4-18

•Typical Application

Instrumentation, hydraulic and pneumatic systems.

•Pressures

Working pressure up to 2000 PSI with a 4:1 safety factor depending on tube sizes. When using plastic tubing, use the working pressure for type used.

•Vibration

Fair resistance - use long nut when greater vibration resistance is needed.

•Temperature Range

-65°F to +250°F (-53°C to +121°C) range at maximum operating pressures. (Refer to tubing temperature range.)

•Material

CA360 Brass for barstock fitting.
CA377 Brass for forged fittings.

•Used With

Aluminum, copper, brass and plastic tubing. Plastic tubing requires insert. Not commended for steel tubing.

•Conformance

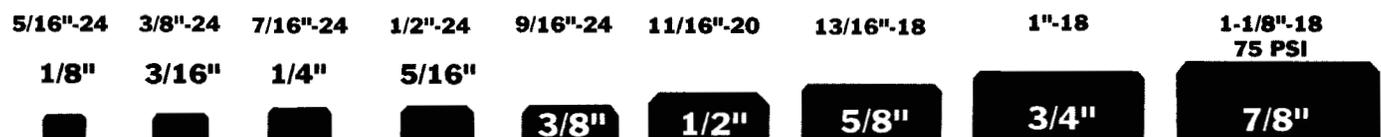
Meets specifications and standards of ASA, ASME, SAE.

•Assembly Instructions

- 1- Cut tubing to desired length.
- 2- Slide nut and then sleeve on tube. Threaded end "A" of nut must face out.
- 3- Insert tubing into fitting body. Be sure tubing is bottomed on fitting shoulder.
- 4- Lubricate threads and assemble to fitting body.
- 5- Tighten nut hand tight. From that point, tighten with a wrench the number of turns indicated in the chart below.

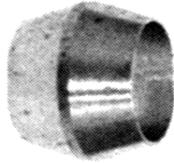
Tube Size	Additional Turns From Hand Tight
1/8" thru 1/4"	1-1/4
5/16"	1-3/4
3/8" thru 1"	2-1/4

Actual O.D. of Compression Threads



BRASS SLEEVE

SAE #
060115



60
260

Part #	Size
819C-02B	1/8
819C-03B	3/16
819C-04B	1/4
819C-05B	5/16
819C-06B	3/8
819C-07B	7/16
819C-08B	1/2
819C-10B	5/8
819C-12B	3/4
819C-14B	7/8

DERLIN SLEEVE



60-P

Part #	Size
18-015	1/4
18-016	5/16
18-017	3/8
18-018	1/2
18-019	5/8
18-020	3/4

SELF ALIGN SLEEVE

Note: To buy comp. fittings with self-align sleeve, simply add 'A' on the same size compression fitting. Pricing available upon request.



601

Part #	Size
819CA-02B	1/8
819CA-03B	3/16
819CA-04B	1/4
819CA-06B	3/8
819CA-08B	1/2

BRASS INSERT

•SLEEVE

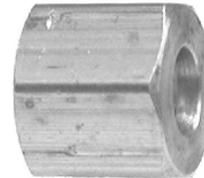


63-BI
60AE
2030
63PT

Part #	Tube O.D.	Insert O.D.	Length
CTI-02B	1/8	080	0.46
CTI-03B	3/16	135	0.46
CTI-04B	1/4	0.163	0.50
CTI-05B	5/16	0.187	0.53
CTI-06B	3/8	0.250	0.56
CTI-08B	1/2	0.372	0.72
CTI-10B	5/8	0.483	0.72
CTI-12B	3/4	0.563	1.03

BRASS NUT

SAE #
060110



61
261

Part #	Size
818C-02B	1/8
818C-03B	3/16
818C-04B	1/4
818C-05B	5/16
818C-06B	3/8
818C-07B	7/16
818C-08B	1/2
818C-10B	5/8
818C-12B	3/4
818C-14B	7/8

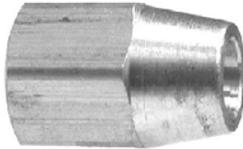


LONG NUT COMPRESSION

Note: To buy comp. fittings with captive sleeve, simply add 'CL' on the same size compression fitting. Pricing available upon request.

LONG NUT

161



Part #	Size
818CL-04B	1/4
818CL-05B	5/16
818CL-06B	3/8
818CL-08B	1/2

CAPTIVE SLEEVE NUT

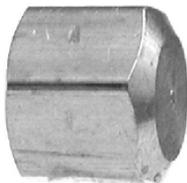
Note: To buy comp. fittings with captive sleeve, simply add 'C' on the same size compression fitting. Pricing available upon request.



Part #	Size
820C-02B	1/8
820C-03B	3/16
820C-04B	1/4
820C-05B	5/16
820C-06B	3/8
820C-08B	1/2
820C-10B	5/8

CAP

61-CC
N5CT



Part #	Size
18-047	1/4
18-048	3/8
18-049	1/2
18-050	5/8

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all your high volume quotes!

COMPRESSION PLUG

CSP



Part #	Size
806C-06B	3/8
806C-08B	1/2

UNION

SAE #
060101BA M-62



Part #	Size
815C-02-02B	1/8
815C-03-03B	3/16
815C-04-04B	1/4
815C-05-05B	5/16
815C-06-06B	3/8
815C-07-07B	7/16
815C-08-08B	1/2
815C-10-10B	5/8
815C-12-12B	3/4
814C-14-14B	7/8

REDUCING UNION

62-R

Part #	Size
815C-04-02B	1/4x1/8
815C-04-03B	1/4x3/16
815C-05-04B	5/16x1/4
815C-06-04B	3/8x1/4
815C-06-05B	3/8x5/16
815C-08-06B	1/2x3/8
815C-10-06B	5/8x3/8
815C-10-08B	5/8x1/2
815C-14-10B	7/8x5/8

DRILLED THRU COMP. UNION

Part #	Size
18-066D	3/8
18-069D	5/8
18-071D	7/8



BULKHEAD UNIONS

SAE #	62BH
060101	75
	274



Part #	Size
832C-04-04B	1/4
832C-06-06B	3/8
832C-08-08B	1/2

BULKHEAD NUTS

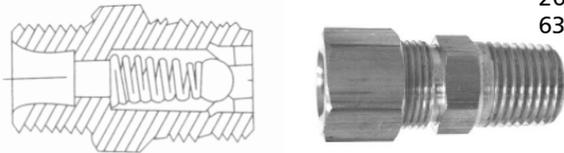
20102



Part #	Size
924-04B	1/4
924-06B	3/8
924-08B	1/2

BALL CHECK VALVE

63
263
63A



TUBE O.D. X MALE PIPE

Part #	Size
816BCV-02-02B	1/8x1/8
816BCV-04-02B	1/4x1/8
816BCV-05-02B	5/16x1/8
816BCV-06-04B	3/8x1/4

“Laughter is to life what shock absorbers are to automobiles. It won’t take the potholes out of the road, but it sure makes the ride smoother.”

- Barbara Johnson

TEE

SAE #	64
060401	264C



FORGED

3



SQUARE BARSTOCK

3

Part #	Size
824C-02B	1/8
BS824C-02B	BARSTOCK 1/8
824C-03B	3/16
BS824C-03B	BARSTOCK 3/16
824C-04B	1/4
BS824C-04B	BARSTOCK 1/4
824C-05B	5/16
BS824C-05B	BARSTOCK 5/16
824C-06B	3/8
BS824C-06B	BARSTOCK 3/8
824C-08B	1/2
BS824C-08B	BARSTOCK 1/2
824C-10B	5/8
824C-12B	3/4
824C-14B	7/8

FORGED REDUCING TEE

64-R

1 X 2 X 3

Part #	Size
824C-04-02B	1/4x1/4x1/8
824C-04-06B	1/4x1/4x3/8
824C-06-04-04B	3/8x1/4x1/4
824C-06-04B	3/8x3/8x1/4
824C-08-04B	1/2x1/2x1/4
824C-08-06B	1/2x1/2x3/8
824C-10-06B	5/8x5/8x3/8
824C-10-08B	5/8x5/8x1/2

A truly happy person is one who can enjoy the scenery on a detour.



UNION ELBOW

SAE #
060201



FORGED

65
BSE2
165C
265C



"B"

BARSTOCK

Part #	Size
821C-02-02B	1/8
BS821C-02-02B	1/8
821C-03-03B	3/16
BS821C-03-03B	3/16
821C-04-04B	1/4
BS821C-04-04B	1/4
821C-05-05B	5/16
BS821C-05-05B	5/16
821C-06-06B	3/8
821C-08-08B	1/2
BS821C-08-08B	1/2
821C-10-10B	5/8
821C-12-12B	3/4
821C-14-14B	7/8

REDUCING ELBOW

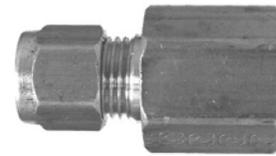
65-R

Part #	Size
821C-06-04B	3/8x1/4
821C-08-06B	1/2x3/8
821C-10-06BQ	5/8x3/8

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all your high volume quotes!*

FEMALE ADAPTER

SAE #
060103



66

COMP X FEMALE PIPE

Part #	Size
854C-02-02B	1/8x1/8
854C-03-02B	3/16x1/8
854C-03-04B	3/16x1/4
854C-04-02B	1/4x1/8
854C-04-04B	1/4x3/8
854C-04-06B	1/4x1/2
854C-04-08B	1/4x1/2
854C-05-02B	5/16x1/8
854C-05-04B	5/16x1/4
854C-05-06B	5/16x3/8
854C-06-02B	3/8x1/8
854C-06-04B	3/8x1/4
854C-06-06B	3/8x3/8
854C-06-08B	3/8x1/2
854C-06-12B	3/8x3/4
854C-08-04B	1/2x1/4
854C-08-06B	1/2x3/8
854C-08-08B	1/2x1/2
854C-08-12B	1/2x3/4
854C-10-06B	5/8x3/4
854C-10-08B	5/8x1/2
854C-10-12B	5/8x3/4
854C-12-08B	3/4x1/2
854C-12-12B	3/4x3/4
854C-14-08B	7/8x1/2
854C-14-12B	7/8x3/4



MALE ADAPTER

SAE #
060102

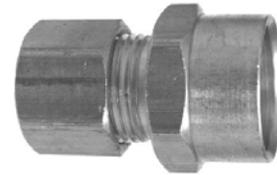


68

COMP X MALE PIPE

Part #	Size
816C-02-1/16B	1/8x1/16
816C-02-02B	1/8x1/8
816C-03-02B	3/16x1/8
816C-03-04B	3/16x1/4
816C-04-02B	1/4x1/8
816C-04-04B	1/4x1/4
816C-04-06B	1/4x3/8
816C-04-08B	1/4x1/2
816C-05-02B	5/16x1/8
816C-05-04B	5/16x1/4
816C-05-06B	5/16x3/8
816C-05-08B	5/16x1/2
816C-06-02B	3/8x1/8
816C-06-04B	3/8x1/4
816C-06-06B	3/8x3/8
816C-06-08B	3/8x1/2
816C-06-12B	3/8x3/4
816C-07-04B	7/16x1/4
816C-07-06B	7/16x3/8
816C-08-04B	1/2x1/4
816C-08-06B	1/2x3/8
816C-08-08B	1/2x1/2
816C-08-12B	1/2x3/4
816C-10-06B	5/8x3/8
816C-10-08B	5/8x1/2
816C-10-12B	5/8x3/4
816C-12-08B	3/4x1/2
816C-12-12B	3/4x3/4
816C-14-08B	7/8x1/2
816C-14-12B	7/8x3/4
816C-14-16B	7/8x1

COMP X SWEAT ADAPTER



66-5

Part #	Size
18-171	3/8x1/2NOM.SWT.

More sizes available

Values

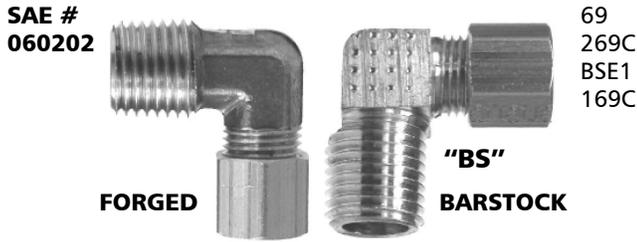
Success does not necessarily mean that we must earn a great deal of money and live in the biggest house in town. It means only that we are daily engaged in striving toward a goal that we have independently chosen and feel is worthy of us as persons.

A goal, whatever it might be, is what gives us meaning to our existence. it is the carrot on the end of the stick that keeps us striving - that keeps us interested - that gives us a reason for getting out of bed in the morning.

- Earl Nightingale



MALE ELBOW



SAE #
060202

69
269C
BSE1
169C

FORGED

"BS"

BARSTOCK

COMP X MALE PIPE

Part #	Size
822C-02-02B	1/8x1/8
BS822C-02-02B	BARSTOCK 1/8x1/8
822C-03-02B	3/16x1/8
BS822C-03-02B	BARSTOCK 3/16x1/8
822C-03-04B	3/16x1/4
822C-04-02B	1/4x1/8
BS822C-04-02B	BARSTOCK 1/4x1/8
822C-04-04B	1/4x1/4
BS822C-04-04B	BARSTOCK 1/4x1/4
822C-04-06B	1/4x3/8
822C-04-08B	1/4x1/2
822C-05-02B	5/16x1/8
BS822C-05-02B	BARSTOCK 5/16x1/8
822C-05-04B	5/16x1/4
BS822C-05-04B	BARSTOCK 5/16x1/4
822C-05-06B	5/16x3/8
822C-05-08B	5/16x1/2
822C-06-02B	3/8x1/8
BS822C-06-02B	BARSTOCK 3/8x1/8
822C-06-04B	3/8x1/4
BS822C-06-04B	BARSTOCK 3/8x1/4
822C-06-06B	3/8x3/8
BS822C-06-06B	BARSTOCK 3/8x3/8
822C-06-08B	3/8x1/2
BS822C-06-08B	BARSTOCK 3/8x1/2
822C-06-12B	3/8x3/4
822C-07-04B	7/16x1/4
822C-08-04B	1/2x1/4
822C-08-06B	1/2x3/8
BS822C-08-06B	BARSTOCK 1/2x3/8
822C-08-08B	1/2x1/2
BS822C-08-08B	BARSTOCK 1/2x1/2
822C-08-12B	1/2x3/4
822C-10-06B	5/8x3/8
822C-10-08B	5/8x1/2
BS822C-10-08B	BARSTOCK 5/8x1/2
822C-10-12B	5/8x3/4
822C-12-08B	3/4x1/2
822C-12-12B	3/4x3/4
822C-14-12B	7/8x3/4

FEMALE ELBOW



SAE #
060203

70
270C
BSE3
170C

FORGED

BARSTOCK

COMP X FEMALE PIPE

Part #	Size
855C-02-02B	1/8x1/8
855C-03-02B	3/16x1/8
855C-04-02B	1/4x1/8
BS855C-04-02B	BARSTOCK 1/4x1/8
855C-04-04B	1/4x1/4
BS855C-04-04B	BARSTOCK 1/4x1/4
855C-04-06B	1/4x3/8
855C-04-08B	1/4x1/2
855C-05-02B	5/16x1/8
855C-05-04B	5/16x1/4
855C-06-02B	3/8x1/8
855C-06-04B	3/8x1/4
855C-06-06B	3/8x3/8
855C-06-08B	3/8x1/2
855C-06-12B	3/8x3/4
855C-08-04B	1/2x1/4
855C-08-06B	1/2x3/8
855C-08-08B	1/2x1/2
855C-08-12B	1/2x3/4
855C-10-06B	5/8x3/8
855C-10-08B	5/8x1/2
855C-10-12B	5/8x3/4
855C-12-08B	3/4x1/3

FORGED DROP-EAR ELBOW



BSE3-DE

Part #	Size
18-271	5/8x1/2

FORGED TEE



71
171C
BST3

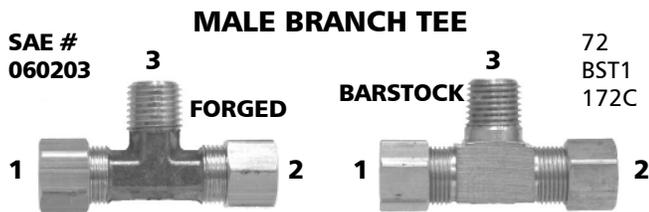
**COMP X FEMALE PIPE X MALE PIPE
1 X (2 & 3)**

Part #	Size
18-307	1/4x1/8



**COMP X MALE PIPE
(1 & 3) X 2**

Part #	Size
826C-02-02B	1/8x1/8
826C-03-02B	3/16x1/8
826C-04-02B	1/4x1/8
826C-04-04B	1/4x1/4
826C-05-02B	5/16x1/8
826C-05-04B	5/16x1/4
826C-06-02B	3/8x1/8
826C-06-04B	3/8x1/4
826C-06-06B	3/8x3/8
826C-08-06B	1/2x3/8
826C-08-08B	1/2x1/2
826C-10-08B	5/8x1/2
826C-12-08B	3/4x1/2



**COMP X MALE PIPE
(1 & 2) X 3**

Part #	Size
BS825C-02-02B	BARSTOCK 1/8x1/8
825C-03-02B	3/16x1/8
BS825C-03-02B	BARSTOCK 3/16x1/8
825C-04-02B	1/4x1/8
BS825C-04-02B	BARSTOCK 1/4x1/8
825C-04-04B	1/4x1/4
825C-05-02B	5/16x1/8
825C-05-04B	5/16x1/4
825C-06-02B	3/8x1/8
825C-06-04B	3/8x1/4
BS825C-06-04B	BARSTOCK 3/8x1/4
825C-06-06B	3/8x3/8
825C-06-08B	3/8x1/2
825C-08-04B	1/2x1/4
BS825C-08-06B	BARSTOCK 1/2x3/8
825C-08-06B	1/2x3/8
825C-08-08B	1/2x1/2
825C-10-08B	5/8x1/2
825C-12-08B	3/4x1/2
825C-12-12B	3/4x3/4



MALE PIPE X FEMALE PIPE X COMP

Part #	Size
18-312	1/8x1/8
18-313	3/16x1/8
18-314	1/4x1/8
18-316	3/8x1/4



**COMP X FEMALE PIPE
(1 & 2) X 3**

Part #	Size
856C-04-02B	1/4x1/8
856C-04-04B	1/4x1/4
856C-06-02B	3/8x1/8
856C-06-04B	3/8x1/4
856C-06-06B	3/8x3/8
856C-08-02B	1/2x1/8
856C-08-06B	1/2x3/8
856C-10-02B	5/8x1/8



COMP X MALE PIPE

Part #	Size
823C-03-02B	3/16x1/8
823C-04-02B	1/4x1/8
823C-04-04B	1/4x1/4
823C-05-02B	5/16x1/8
823C-05-04B	5/16x1/4
823C-06-04B	3/8x1/4
823C-06-06B	3/8x3/8
823C-08-06B	1/2x3/8
823C-08-08B	1/2x1/2
823C-10-08B	5/8x1/2

