

Features

1. Construction - Three piece unit: body, nut (available with long or short nut) and sleeve. Extruded and Forged Configuration.
2. Vibration resistance - Fair vibration resistance with short nut, The long nut can be used for greater vibration application.
3. Advantages - Low cost. Easy to assemble without special tube prep, no flaring. Broad selection of styles and sizes.



US Style Standard

Extruded Bar Stock, Hex Forging Blank
Fractional Tube Dia & NPT Thread Mainly



European Style Standard

Extruded Bar Stock, Round Forging Blank
Metric Tube Dia & BSP Thread Mainly
Nickel-Plated

Specification

1. Temperature Range: -65°F to +250°F (-53°C to +121°C) range at maximum operating pressures.
2. 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.

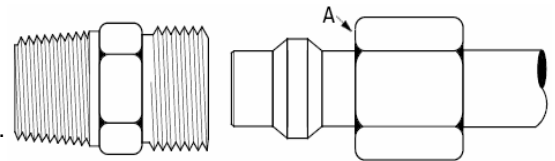
Applications

Compatible with copper, brass, aluminum and thermoplastic tubing for instrumentation, hydraulic and pneumatic systems like typical fluid air, oil, water, lubricant and other applications.

Note: When use with thermoplastic tubing, a brass insert is required for support.

Installation 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 by hand. From that point, tighten with a wrench the number of turns indicated in the chart (For Fractional Tubes) as 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

Nomenclature

Model Number **68 - 06 02**

Material

- B-Brass (default)
- S-Steel (suffix)
- SS-Stainless Steel (suffix)
- B-Barstock (Prefix)

Contact us for special size or configuration.

Tube Dia		Thread			
Metric(M)	Inch	BSPT(R)	BSPP(G)	NPT(NPTF)	UNF(TUBE)
M04=4mm	02=1/8"	M03=M3x0.5	G02=G 1/8	02=NPT 1/8	U02=DASH 1/8
M06=6mm	03=3/16"	M05=M5x0.8	G04=G 1/4	04=NPT 1/4	U04=DASH 1/4
M08=8mm	04=1/4"	R02=R 1/8	G06=G 3/8	06=NPT 3/8	U06=DASH 3/8
M10=10mm	05=5/16"	R04=R 1/4	G08=G 1/2	08=NPT 1/2	U08=DASH 1/2
M12=12mm	06=3/8"	R06=R 3/8	.....	.....	.....
M14=14mm	08=1/2"	R08=R 1/2	.....	.....	.....
.....	.....	.....	Prefix	Default	Prefix

catalogue only show inch size

Different type end has its own UNF thread, Please see thread chart for details or as below

Tube ΦD	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1
UNF Thread	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

US Style Standard

60

Compression Sleeve
(SAE 060115)



use w/ #61, 61L

PART#	ΦD
60-02	1/8
60-03	3/16
60-04	1/4
60-05	5/16
60-06	3/8
60-07	7/16
60-08	1/2
60-10	5/8
60-12	3/4
60-14	7/8

60D

Delrin Sleeve



use w/ #61, 61L

PART#	ΦD
60D-04	1/4
60D-05	5/16
60D-06	3/8
60D-08	1/2
60D-10	5/8

60P

Compression Plug



use in place of sleeve

PART#	ΦD
60P-06	3/8
60P-08	1/2

61C

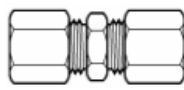
Compression Cap
(SAE 050115)



PART#	ΦD
61C-04	1/4
61C-05	5/16
61C-06	3/8
61C-08	1/2
61C-10	5/8

62

Compression Union
(SAE 060101BA)



PART#	ΦD	ΦD
62-0202	1/8	1/8
62-0303	3/16	3/16
62-0402	1/4	1/8
62-0403	1/4	3/16
62-0404	1/4	1/4
62-0504	5/16	1/4
62-0505	5/16	5/16
62-0604	3/8	1/4
62-0605	3/8	5/16
62-0606	3/8	3/8
62-0707	7/16	7/16
62-0806	1/2	3/8
62-0808	1/2	1/2
62-1006	5/8	3/8
62-1008	5/8	1/2
62-1010	5/8	5/8
62-1212	3/4	3/4
62-1414	7/8	7/8

61

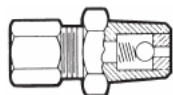
Compression Nut
(SAE 060110)



PART#	ΦD
61-02	1/8
61-03	3/16
61-04	1/4
61-05	5/16
61-06	3/8
61-07	7/16
61-08	1/2
61-10	5/8
61-12	3/4
61-14	7/8

63

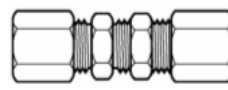
Check Valve



PART#	ΦD	T
63-0202	1/8	1/8
63-0302	3/16	1/8
63-0402	1/4	1/8
63-0502	5/16	1/8
63-0604	3/8	1/4

62BH

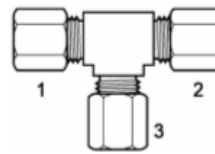
Bulkhead Union
(SAE 060101)



PART#	ΦD	ΦD
62BH-0404	1/4	1/4
62BH-0606	3/8	3/8
62BH-0808	1/2	1/2

64

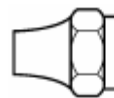
Union Tee
(SAE 060401BA)



PART#	ΦD ₁	ΦD ₂	ΦD ₃
64-020202	1/8	1/8	1/8
64-030303	3/16	3/16	3/16
64-040404	1/4	1/4	1/4
64-050505	5/16	5/16	5/16
64-060604	3/8	3/8	1/4
64-060606	3/8	3/8	3/8
64-080806	1/2	1/2	3/8
64-080808	1/2	1/2	1/2
64-101010	5/8	5/8	5/8
64-121212	3/4	3/4	3/4

61L

Compression Long Nut
(SAE 060111)

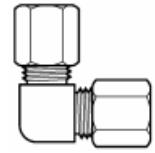


use w/ #60, 60D, 61P

PART#	ΦD
61L-02	1/8
61L-03	3/16
61L-04	1/4
61L-05	5/16
61L-06	3/8
61L-08	1/2
61L-10	5/8
61L-12	3/4

65

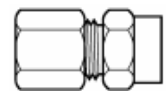
Union Elbow
(SAE 060201BA)



PART#	ΦD	ΦD
65-0202	1/8	1/8
65-0303	3/16	3/16
65-0404	1/4	1/4
65-0505	5/16	5/16
65-0604	3/8	1/4
65-0606	3/8	3/8
65-0806	1/2	3/8
65-0808	1/2	1/2
65-1010	5/8	5/8
65-1212	3/4	3/4
65-1414	7/8	7/8

66

Female Adaptor
(SAE 060103)



PART#	ΦD	T
66-0202	1/8	1/8
66-0302	3/16	1/8
66-0304	3/16	1/4
66-0402	1/4	1/8
66-0404	1/4	1/4
66-0406	1/4	3/8
66-0408	1/4	1/2
66-0502	5/16	1/8
66-0504	5/16	1/4
66-0506	5/16	3/8
66-0602	3/8	1/8
66-0604	3/8	1/4
66-0606	3/8	3/8
66-0608	3/8	1/2
66-0804	1/2	1/4
66-0806	1/2	3/8
66-0808	1/2	1/2
66-1006	5/8	3/8
66-1008	5/8	1/2
66-1012	5/8	3/4
66-1208	3/4	1/2
66-1212	3/4	3/4
66-1412	7/8	3/4

We Can Produce Somethings Out Of These Part Numbers
Please Contact Us For Further Discuss

For US Standard

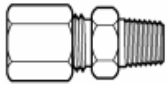
1. Forged Body Style As Default
2. Barstock Body Style Just Add "B" As Prefix

For Example - B65 Means Barstock Body Style Union Elbow Compression Fittings

US Style Standard

68

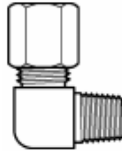
Male Connector
(SAE 060102BA)



PART#	ΦD	T
68-0201	1/8	1/16
68-0202	1/8	1/8
68-0302	3/16	1/8
68-0304	3/16	1/4
68-0402	1/4	1/8
68-0404	1/4	1/4
68-0406	1/4	3/8
68-0408	1/4	1/2
68-0502	5/16	1/8
68-0504	5/16	1/4
68-0506	5/16	3/8
68-0508	5/16	1/2
68-0602	3/8	1/8
68-0604	3/8	1/4
68-0606	3/8	3/8
68-0608	3/8	1/2
68-0612	3/8	3/4
68-0704	7/16	1/4
68-0706	7/16	3/8
68-0804	1/2	1/4
68-0806	1/2	3/8
68-0808	1/2	1/2
68-0812	1/2	3/4
68-1006	5/8	3/8
68-1008	5/8	1/2
68-1012	5/8	3/4
68-1208	3/4	1/2
68-1212	3/4	3/4
68-1412	7/8	3/4

69

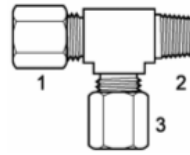
Male Elbow
(SAE 060202BA)



PART#	ΦD	T
69-0202	1/8	1/8
69-0302	3/16	1/8
69-0304	3/16	1/4
69-0402	1/4	1/8
69-0404	1/4	1/4
69-0406	1/4	3/8
69-0408	1/4	1/2
69-0502	5/16	1/8
69-0504	5/16	1/4
69-0506	5/16	3/8
69-0602	3/8	1/8
69-0604	3/8	1/4
69-0606	3/8	3/8
69-0608	3/8	1/2
69-0612	3/8	3/4
69-0704	7/16	1/4
69-0706	7/16	3/8
69-0804	1/2	1/4
69-0806	1/2	3/8
69-0808	1/2	1/2
69-0812	1/2	3/4
69-1006	5/8	3/8
69-1008	5/8	1/2
69-1012	5/8	3/4
69-1208	3/4	1/2
69-1212	3/4	3/4
69-1412	7/8	3/4

71

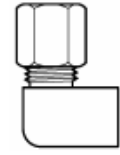
Male Run Tee
(SAE 060424BA)



PART#	ΦD ₁	T ₂	ΦD ₃
71-020202	1/8	1/8	1/8
71-030203	3/16	1/8	3/16
71-040204	1/4	1/8	1/4
71-040404	1/4	1/4	1/4
71-050205	5/16	1/8	5/16
71-050405	5/16	1/4	5/16
71-060206	3/8	1/8	3/8
71-060406	3/8	1/4	3/8
71-060606	3/8	3/8	3/8
71-080608	1/2	3/8	1/2
71-080808	1/2	1/2	1/2
71-100810	5/8	1/2	5/8

70

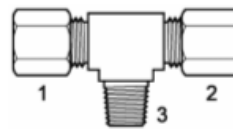
Female Elbow
(SAE 060203BA)



PART#	ΦD	T
70-0202	1/8	1/8
70-0302	3/16	1/8
70-0402	1/4	1/8
70-0404	1/4	1/4
70-0502	5/16	1/8
70-0504	5/16	1/4
70-0602	3/8	1/8
70-0604	3/8	1/4
70-0606	3/8	3/8
70-0806	1/2	3/8
70-0808	1/2	1/2
70-1008	5/8	1/2
70-1212	3/4	3/4

72

Male Branch Tee
(SAE 060425BA)



PART#	ΦD ₁	ΦD ₂	T ₃
72-020202	1/8	1/8	1/8
72-030302	3/16	3/16	1/8
72-040402	1/4	1/4	1/8
72-040404	1/4	1/4	1/4
72-050502	5/16	5/16	1/8
72-050504	5/16	5/16	1/4
72-060602	3/8	3/8	1/8
72-060604	3/8	3/8	1/4
72-060606	3/8	3/8	3/8
72-080806	1/2	1/2	3/8
72-080808	1/2	1/2	1/2
72-101008	5/8	5/8	1/2
72-121208	3/4	3/4	1/2
72-121212	3/4	3/4	3/4

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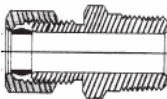
Male 45° Elbow
(SAE 060302)



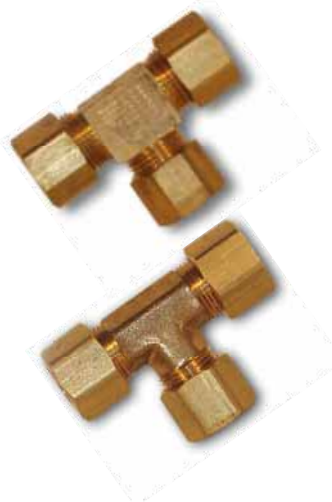
PART#	ΦD	T
79-0402	1/4	1/8
79-0404	1/4	1/4
79-0502	5/16	1/8
79-0504	5/16	1/4
79-0604	3/8	1/4
79-0606	3/8	3/8
79-0806	1/2	3/8
79-0808	1/2	1/2
79-1008	5/8	1/2

68DT

Drill-Thru Tank Adapter



PART#	ΦD	T
68DT-0302	3/16	1/8
68DT-0402	1/4	1/8
68DT-0504	5/16	1/4
68DT-0604	3/8	1/4
68DT-0606	3/8	3/8
68DT-0608	3/8	1/2
68DT-0808	1/2	1/2



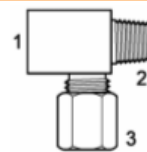
For US Standard

1. Forged Body Style As Default
 2. Barstock Body Style Just Add "B" As Prefix
- For Example - B65 Means Barstock Body Style Union Elbow Compression Fittings

SABE MFG is a manufacturer who arrange production as per customers' mass order, so, generally speaking, we do not prepare stock for sale

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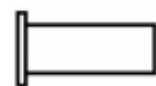
Adapter Tee



PART#	T ₁	T ₂	ΦD ₃
76-020202	1/8	1/8	1/8
76-020204	1/8	1/8	1/4
76-040404	1/4	1/4	1/4

84

Tubing Support



PART#	OD	ID
84-02	1/8	0.800
84-03	3/16	0.135
84-04	1/4	0.163
84-05	5/16	0.187
84-06	3/8	0.250
84-08	1/2	0.372
84-10	5/8	0.483
84-12	3/4	0.563

European Style Standard(Nickel Plated)

E60

Compression Sleeve



PART#	ΦD
E60 M04	4
E60 M06	6
E60 M08	8
E60 M10	10
E60 M12	12
E60 M14	14

E84

Brass Insert



PART#	OD	ID
E84 M04	4	2.5
E84 M06	6	4
E84 M08	8	6
E84 M10	10	8
E84 M12	12	10
E84 M14	14	12

E61

Compression Nut



PART#	ΦD	T
E61 M04	4	M8x1
E61 M06	6	M10x1
E61 M08	8	M12x1
E61 M10	10	M16x1.5
E61 M12	12	M18x1.5
E61 M14	14	M22x1.5

E68

Compression Nut



PART#	ΦD	T
E68 M04R02	4	R1/8
E68 M04R04	4	R1/4
E68 M06R02	6	R1/8
E68 M06R04	6	R1/4
E68 M08R02	8	R1/8
E68 M08R04	8	R1/4
E68 M08R06	8	R3/8
E68 M10R04	10	R1/4
E68 M10R06	10	R3/8
E68 M10R08	10	R1/2
E68 M12R04	12	R1/4
E68 M12R06	12	R3/8
E68 M12R08	12	R1/2
E68 M14R08	14	R1/2

E66

Female Pipe Adaptor



PART#	ΦD	T
E66 M04G02	4	G1/8
E66 M04G04	4	G1/4
E66 M06G02	6	G1/8
E66 M06G04	6	G1/4
E66 M08G02	8	G1/8
E66 M08G04	8	G1/4
E66 M08G06	8	G3/8
E66 M10G04	10	G1/4
E66 M10G06	10	G3/8
E66 M10G08	10	G1/2
E66 M12G04	12	G1/4
E66 M12G06	12	G3/8
E66 M12G08	12	G1/2
E66 M14G08	14	G1/2

E62

Compression Union



PART#	ΦD	ΦD
E62 M04	4	4
E62 M06	6	6
E62 M08	8	8
E62 M10	10	10
E62 M12	12	12
E62 M14	14	14

E62BH

Bulkhead Union



PART#	ΦD	ΦD
E62BH M04	4	4
E62BH M06	6	6
E62BH M08	8	8
E62BH M10	10	10
E62BH M12	12	12
E62BH M14	14	14

E72

Male Branch Tee



PART#	ΦD _{1,2}	T
E72 M04R02	4	R1/8
E72 M04R04	4	R1/4
E72 M06R02	6	R1/8
E72 M06R04	6	R1/4
E72 M08R02	8	R1/8
E72 M08R04	8	R1/4
E72 M08R06	8	R3/8
E72 M10R04	10	R1/4
E72 M10R06	10	R3/8
E72 M10R08	10	R1/2
E72 M12R04	12	R1/4
E72 M12R06	12	R3/8
E72 M12R08	12	R1/2
E72 M14R08	14	R1/2

E71

Male Run Tee



PART#	ΦD _{1,2}	T
E71 M04R02	4	R1/8
E71 M04R04	4	R1/4
E71 M06R02	6	R1/8
E71 M06R04	6	R1/4
E71 M08R02	8	R1/8
E71 M08R04	8	R1/4
E71 M08R06	8	R3/8
E71 M10R04	10	R1/4
E71 M10R06	10	R3/8
E71 M10R08	10	R1/2
E71 M12R04	12	R1/4
E71 M12R06	12	R3/8
E71 M12R08	12	R1/2
E71 M14R08	14	R1/2

E65

Union Elbow



PART#	ΦD	ΦD
E65 M04	4	4
E65 M06	6	6
E65 M08	8	8
E65 M10	10	10
E65 M12	12	12
E65 M14	14	14

E69

Male Elbow



PART#	ΦD	T
E69 M04R02	4	R1/8
E69 M04R04	4	R1/4
E69 M06R02	6	R1/8
E69 M06R04	6	R1/4
E69 M08R02	8	R1/8
E69 M08R04	8	R1/4
E69 M08R06	8	R3/8
E69 M10R04	10	R1/4
E69 M10R06	10	R3/8
E69 M10R08	10	R1/2
E69 M12R04	12	R1/4
E69 M12R06	12	R3/8
E69 M12R08	12	R1/2
E69 M14R08	14	R1/2

E64

Union Tee



PART#	ΦD _{1,2,3}
E64 M04	4
E64 M06	6
E64 M08	8
E64 M10	10
E64 M12	12
E64 M14	14

E95

Union Tee



PART#	ΦD _{1,2,3,4}
E95 M04	4
E95 M06	6
E95 M08	8
E95 M10	10
E95 M12	12
E95 M14	14

Catalogue ONLY shows R(BSPT) thread for male pipe & G(BSPP) for female pipe. Though, All general thread types available.