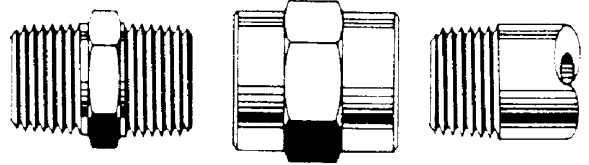
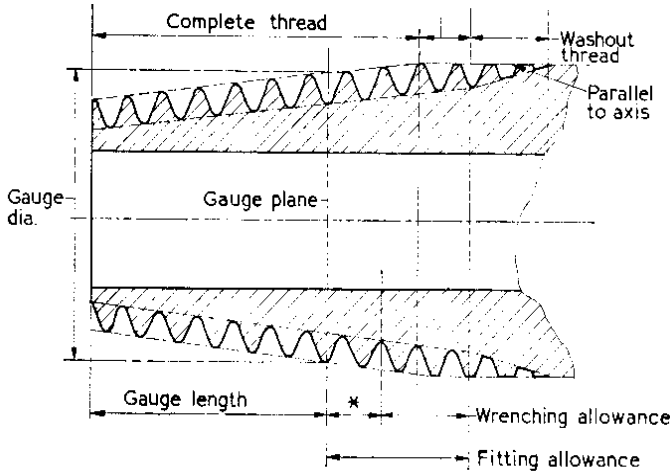


# STANDARD BRASS - BSP Screwed Fittings. (Category 1)

**PRESSURE:** Medium pressure ratings around 3500kpa/500psi decreasing as sizes increase and depending on the medium.  
**TEMPERATURE:** 0°C to 120°C  
**TYPICAL USES:** Mostly to join or adapt other fittings or pipe.



## BSPT and BSPT THREAD CHART



Size	Pitch TPI	Male Thread OD		Female Thread ID	
		mm	inch	mm	inch
1/8	28	9.7	0.38	8.6	0.34
1/4	19	13.2	0.52	11.4	0.45
3/8	19	16.7	0.66	15.0	0.59
1/2	14	21.0	0.83	18.6	0.73
5/8	14	22.9	0.90	20.6	0.81
3/4	14	26.4	1.04	24.1	0.95
1"	11	33.2	1.31	30.3	1.19
1.1/4	11	41.9	1.65	39.0	1.53
1.1/2	11	47.8	1.88	44.8	1.77
2"	11	59.6	2.35	56.7	2.23
2.1/2	11	75.2	2.96	72.2	2.84
3"	11	87.9	3.46	84.9	3.34
4"	11	113.0	4.45	110.1	4.33



#24 Reducing Bush

Code	Male	Female
0124-0402	1/4 BSPT	1/8 BSP
0124-0602	3/8 BSPT	1/8 BSP
0124-0604	3/8 BSPT	1/4 BSP
0124-0802	1/2 BSPT	1/8 BSP
0124-0804	1/2 BSPT	1/4 BSP
0124-0806	1/2 BSPT	3/8 BSP
0124-1202	3/4 BSPT	1/8 BSP
0124-1204	3/4 BSPT	1/4 BSP
0124-1206	3/4 BSPT	3/8 BSP
0124-1208	3/4 BSPT	1/2 BSP
0124-1604	1" BSPT	1/4 BSP
0124-1606	1" BSPT	3/8 BSP
0124-1608	1" BSPT	1/2 BSP
0124-1612	1" BSPT	3/4 BSP

Larger sizes available in Category 17 Plumbing Range.



#24P Parallel Reducing Bush

Code	Male	Female
0124P-0402	1/4 BSPP	1/8 BSP
0124P-0602	3/8 BSPP	1/8 BSP
0124P-0604	3/8 BSPP	1/4 BSP
0124P-0804	1/2 BSPP	1/4 BSP
0124P-0806	1/2 BSPP	3/8 BSP
0124P-1206	3/4 BSPP	3/8 BSP
0124P-1208	3/4 BSPP	1/2 BSP



#25E M&F Compact Elbow

Code	Male	Female
0125-02	1/8 BSPT	1/8 BSP
0125R-0204	1/8 BSPT	1/4 BSP
0125R-0402	1/4 BSPT	1/8 BSP
0125-04	1/4 BSPT	1/4 BSP
0125R-0406	1/4 BSPT	3/8 BSP
0125R-0604	3/8 BSPT	1/4 BSP
0125-06	3/8 BSPT	3/8 BSP
0125-08	1/2 BSPT	1/2 BSP



#25EL M&F Extruded Elbow

Code	Male	Female
0125EL-02	1/8 BSPT	1/8 BSP
0125EL-04	1/4 BSPT	1/4 BSP
0125EL-06	3/8 BSPT	3/8 BSP
0125EL-08	1/2 BSPT	1/2 BSP
0125EL-12	3/4 BSPT	3/4 BSP



#25C M&F Cast Elbow

Code	Male	Female
0125C-02	1/8 BSPT	1/8 BSP
0125C-04	1/4 BSPT	1/4 BSP
0125C-06	3/8 BSPT	3/8 BSP
0125C-08	1/2 BSPT	1/2 BSP
0125C-12	3/4 BSPT	3/4 BSP

Larger sizes available in Category 17 Plumbing Range.



#25D 45° M&F Elbow

Code	Male	Female
012545-02	1/8 BSPT	1/8 BSP
012545R-0204	1/8 BSPT	1/4 BSP
012545-04	1/4 BSPT	1/4 BSP
012545R-0604	3/8 BSPT	1/4 BSP
012545-06	3/8 BSPT	3/8 BSP
012545-08	1/2 BSPT	1/2 BSP
012545-12	3/4 BSPT	3/4 BSP



#24FBH Bulkhead Fitting is now #80

#24PR Port Reducer is now #81

## STANDARD BRASS - BSP Screwed Fittings. (Category 1)



#26  
Hex  
Socket

Code	Female
0126-02	1/8 BSP
0126-04	1/4 BSP
0126-06	3/8 BSP
0126-08	1/2 BSP
0126-12	3/4 BSP
0126-16	1" BSP

Larger sizes available in Category 17 Plumbing Range.



#27  
Hex  
Nipple

Code	Male
0127-02	1/8 BSPT
0127-04	1/4 BSPT
0127-06	3/8 BSPT
0127-08	1/2 BSPT
0127-12	3/4 BSPT
0127-16	1" BSPT
0127P-04	1/4 BSPP

Larger sizes available in Category 17 Plumbing Range.



#28  
Long Hex  
Nipple

Code	Male	Length
0128-0224	1/8 BSPT	1.1/2
0128-0232	1/8 BSPT	2"
0128-0248	1/8 BSPT	3"
0128-0424	1/4 BSPT	1.1/2
0128-0432	1/4 BSPT	2"
0128-0440	1/4 BSPT	2.1/2
0128-0448	1/4 BSPT	3"
0128-0464	1/4 BSPT	4"
0128-0632	3/8 BSPT	2"
0128-0648	3/8 BSPT	3"
0128-0840	1/2 BSPT	2.1/2

Screwed Adaptors also available in stainless steel, gal mal, black steel and nylon



#29  
Reducing  
Socket

Code	Female	Female
0129-0402	1/4 BSP	1/8 BSP
0129-0602	3/8 BSP	1/8 BSP
0129-0604	3/8 BSP	1/4 BSP
0129-0802	1/2 BSP	1/8 BSP
0129-0804	1/2 BSP	1/4 BSP
0129-0806	1/2 BSP	3/8 BSP
0129-1204	3/4 BSP	1/4 BSP
0129-1206	3/4 BSP	3/8 BSP
0129-1208	3/4 BSP	1/2 BSP
0129-1612	1" BSP	3/4 BSP



#33  
Hex  
Cap

Code	Female
0133-02	1/8 BSP
0133-04	1/4 BSP
0133-06	3/8 BSP
0133-08	1/2 BSP
0133-12	3/4 BSP
0133-16	1" BSP

Larger sizes available in Category 17 Plumbing Range.



#34C  
Female Cast  
Elbow

Code	Female
0134C-02	1/8 BSP
0134C-04	1/4 BSP
0134C-06	3/8 BSP

Larger sizes available in Category 17 Plumbing Range.



#34E  
Female  
Extruded Elbow

Code	Female
0134-02	1/8 BSP
0134-04	1/4 BSP
0134-06	3/8 BSP
0134-08	1/2 BSP



#34D  
45° Female  
Elbow

Code	Female
013445-02	1/8 BSP
013445-04	1/4 BSP
013445-06	3/8 BSP



#35C  
Female  
Cast Tee

Code	Female
0135C-02	1/8 BSP
0135C-04	1/4 BSP
0135C-06	3/8 BSP

Larger sizes available in Category 17 Plumbing Range.



#35E  
Female  
Tee

Code	Female
0135-02	1/8 BSP
0135-04	1/4 BSP
0135-06	3/8 BSP
0135-08	1/2 BSP
0135-12	3/4 BSP



#35M  
Male  
Tee

Code	Male
0135M-02	1/8 BSPT
0135M-04	1/4 BSPT
0135M-06	3/8 BSPT
0135M-08	1/2 BSPT



#35B  
Male Branch  
Tee

Code	Male	Female
0135B-02	1/8 BSPT	1/8 BSP
0135B-04	1/4 BSPT	1/4 BSP
0135B-06	3/8 BSPT	3/8 BSP
0135B-08	1/2 BSPT	1/2 BSP

## STANDARD BRASS - BSP Screwed Fittings. (Category 1)



**#35R**  
Male Run  
Tee

Code	Male	Female
0135R-02	1/8 BSPT	1/8 BSP
0135R-04	1/4 BSPT	1/4 BSP
0135R-06	3/8 BSPT	3/8 BSP
0135R-08	1/2 BSPT	1/2 BSP



**#37**  
Female  
Cross

Code	Female
0137-02	1/8 BSP
0137-04	1/4 BSP
0137-06	3/8 BSP
0137-08	1/2 BSP
0137-12	3/4 BSP



**#38**  
Parallel Coned x  
Tapered Nipple

Code	Male	Male
0138-0202	1/8 BSPP	1/8 BSPT
0138-0402	1/4 BSPP	1/8 BSPT
0138-0404	1/4 BSPP	1/4 BSPT
0138-0406	1/4 BSPP	3/8 BSPT
0138-0602	3/8 BSPP	1/8 BSPT
0138-0604	3/8 BSPP	1/4 BSPT
0138-0606	3/8 BSPP	3/8 BSPT
0138-0608	3/8 BSPP	1/2 BSPT
0138-0806	1/2 BSPP	3/8 BSPT
0138-0808	1/2 BSPP	1/2 BSPT



**#38F**  
Parallel Coned x  
Female

Code	Male	Female
0138F-0404	1/4 BSPP	1/4 BSP
0138F-0406	1/4 BSPP	3/8 BSP
0138FC-0406	1/4 BSPP	3/8 SAE



**#39**  
Parallel Coned  
Hex Nipple

Code	Male	Male
0139-02	1/8 BSPP	1/8 BSPP
0139-04	1/4 BSPP	1/4 BSPP
0139R-0604	3/8 BSPP	1/4 BSPP
0139-06	3/8 BSPP	3/8 BSPP
0139-08	1/2 BSPP	1/2 BSPP



**#45**  
Retaining  
Nut

Code	Female
0145-02	1/8 BSP
0145-04	1/4 BSP
0145-06	3/8 BSP
0145-08	1/2 BSP
0145-12	3/4 BSP
0145-16	1" BSP



**#48**  
Male  
Elbow

Code	Male	Male
0148-02	1/8 BSPT	1/8 BSPT
0148R-0402	1/4 BSPT	1/8 BSPT
0148-04	1/4 BSPT	1/4 BSPT
0148R-0604	3/8 BSPT	1/4 BSPT
0148-06	3/8 BSPT	3/8 BSPT
0148R-0806	1/2 BSPT	3/8 BSPT
0148-08	1/2 BSPT	1/2 BSPT
0148-12	3/4 BSPT	3/4 BSPT



**#48D**  
45° Male  
Elbow

Code	Male
014845-02	1/8 BSPT
014845-04	1/4 BSPT
014845-06	3/8 BSPT



**#50B** Male Tee is  
now #35M



**#64**  
Hollow  
Hex Plug

Code	Male
0164-02	1/8 BSPT
0164-04	1/4 BSPT
0164-06	3/8 BSPT
0164-08	1/2 BSPT
0164-12	3/4 BSPT
0164-16	1" BSPT

**Larger sizes available in Category 17 Plumbing Range.**



**#64S**  
Solid  
Hex Plug

Code	Male
0164S-02	1/8 BSPT
0164S-04	1/4 BSPT
0164S-06	3/8 BSPT
0164S-08	1/2 BSPT
0164S-12	3/4 BSPT
0164S-16	1" BSPT



**#64IH**  
Internal  
Hex Plug

Code	Male
0164IH-02	1/8 BSPT
0164IH-04	1/4 BSPT
0164IH-06	3/8 BSPT
0164IH-08	1/2 BSPT
0164IH-12	3/4 BSPT
0164IH-16	1" BSPT



**#64P**  
Parallel  
Hex Plug

Code	Male
0164P-02	1/8 BSPP
0164P-04	1/4 BSPP
0164P-06	3/8 BSPP
0164P-08	1/2 BSPP
0164P-16	1" BSPP

## STANDARD BRASS - BSP Screwed Fittings. (Category 1)



#71  
Tank  
Collar

Code	Female	Diam
0171-0208	1/8 BSP	1/2
0171-0410	1/4 BSP	5/8
0171-0614	3/8 BSP	7/8
0171-0816	1/2 BSP	1"



#72  
M&F  
Adaptor

Code	Female	Male
0172-0202	1/8 BSP	1/8 BSPT
0172-0402	1/4 BSP	1/8 BSPT
0172-0404	1/4 BSP	1/4 BSPT
0172-0602	3/8 BSP	1/8 BSPT
0172-0604	3/8 BSP	1/4 BSPT
0172-0606	3/8 BSP	3/8 BSPT
0172-0802	1/2 BSP	1/8 BSPT
0172-0804	1/2 BSP	1/4 BSPT
0172-0806	1/2 BSP	3/8 BSPT
0172-0808	1/2 BSP	1/2 BSPT
0172-1204	3/4 BSP	1/4 BSPT
0172-1206	3/4 BSP	3/8 BSPT
0172-1208	3/4 BSP	1/2 BSPT
0172-1212	3/4 BSP	3/4 BSPT
0172-1612	1" BSP	3/4 BSPT
0172-1616	1" BSP	1" BSPT

Larger sizes available in Category 17 Plumbing Range.



#72L  
Long M&F  
Adaptor

Code	Thread	Length
0172L-0224	1/8 BSPT	1.1/2
0172L-04040	1/4 BSPT	40mm
0172L-04085	1/4 BSPT	85mm
0172L-04125	1/4 BSPT	125mm



#72RS  
Restricted M&F  
Adaptor

Code	Female	Male
0172RS-0202-1	1/8 BSP	1/8 BSPT

With 1mm Orifice



#73  
Reducing  
Nipple

Code	Male	Male
0173-0402	1/4 BSPT	1/8 BSPT
0173-0602	3/8 BSPT	1/8 BSPT
0173-0604	3/8 BSPT	1/4 BSPT
0173-0802	1/2 BSPT	1/8 BSPT
0173-0804	1/2 BSPT	1/4 BSPT
0173-0806	1/2 BSPT	3/8 BSPT
0173-1204	3/4 BSPT	1/4 BSPT
0173-1206	3/4 BSPT	3/8 BSPT
0173-1208	3/4 BSPT	1/2 BSPT
0173-1608	1" BSPT	1/2 BSPT
0173-1612	1" BSPT	3/4 BSPT

Larger sizes available in Category 17 Plumbing Range.



#74  
Hex  
Locknut

Code	Female
0174-02	1/8 BSP
0174-04	1/4 BSP
0174-06	3/8 BSP
0174-08	1/2 BSP
0174-12	3/4 BSP
0174-16	1" BSP
0174C-03	3/8x24
0174C-04	7/16x24
0174C-05	1/2x24
0174C-06	9/16x24

Larger sizes available in Category 17 Plumbing Range.



#75  
Female  
Y-Piece

Code	Female
0175-02	1/8 BSP
0175-04	1/4 BSP
0175-06	3/8 BSP
0175-08	1/2 BSP



#75EM  
Extruded Male  
Y-Piece

Code	Male
0175EM-04	1/4 BSPT



#75MF  
M&F  
Y-Piece

Code	Male	Female
0175MF-02	1/8 BSPT	1/8 BSP
0175MF-04	1/4 BSPT	1/4 BSP
0175MF-06	3/8 BSPT	3/8 BSP
0175MF-08	1/2 BSPT	1/2 BSP



#76  
Breather  
Vent

Code	Male
0176-02	1/8 BSPT
0176-04	1/4 BSPT
0176-06	3/8 BSPT



#80  
Female  
Bulkhead

Code	Female	Male
0180-02	1/8 BSP	M16x1.5
0180-04	1/4 BSP	M20x1.5
0180-06	3/8 BSP	M26x1.5
0180-08	1/2 BSP	M28x1.5
0180-12	3/4 BSP	M34x1.5
0180-16	1" BSP	M42x1.5



#81  
Port  
Reducer

Code	Male	Female
0181-0402	1/4 BSPP	1/8 BSP
0181-0602	3/8 BSPP	1/8 BSP
0181-0604	3/8 BSPP	1/4 BSP
0181-0804	1/2 BSPP	1/4 BSP
0181-0806	1/2 BSPP	3/8 BSP
0181-1208	3/4 BSPP	1/2 BSP
0181-1612	1" BSPP	3/4 BSP

## STANDARD BRASS - BSP Screwed Fittings. (Category 1)



#85  
F&F  
Barrel Union

Code	Female
0185-02	1/8 BSP
0185-04	1/4 BSP
0185-06	3/8 BSP

Larger sizes available in Category 17 Plumbing Range.



#87  
M&F  
Barrel Union

Code	Male	Female
0187-02	1/8 BSPT	1/8 BSP
0187-04	1/4 BSPT	1/4 BSP
0187-06	3/8 BSPT	3/8 BSP

Larger sizes available in Category 17 Plumbing Range.



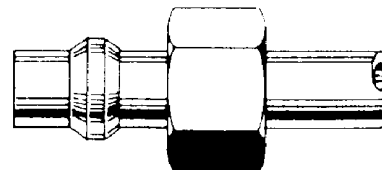
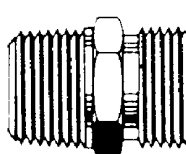
**Manifolds now in  
Category 26**

## STANDARD BRASS - Standard Compression Fittings. (Category 1)

**TUBE:** Copper, Aluminium, Bundy, Nylon (with spigot for high pressure).

**PRESSURE:** Medium pressure ratings around 3500kpa/500psi decreasing as tube sizes increase and depending on the medium.

**TEMPERATURE:** 0°C to 120°C



#100  
Universal  
Olive

Code	Tube
01100-02	1/8
01100-025	5/32
01100-03	3/16
01100-04	1/4
01100-05	5/16
01100-06	3/8
01100-08	1/2
01100-10	5/8
01100-12	3/4



#1N  
Nylon  
Olive

Code	Tube
0101N-04	1/4
0101N-05	5/16
0101N-06	3/8
0101N-08	1/2
0101N-10	5/8
0101N-12	3/4



#2  
Tube  
Nut

Code	Tube	Thread
0102-02	1/8	5/16x24
0102-03	3/16	3/8x24
0102-04	1/4	7/16x24
0102-05	5/16	1/2x24
0102-06	3/8	9/16x24
0102-08	1/2	11/16x20
0102-10	5/8	13/16x18
0102-12	3/4	1"x18



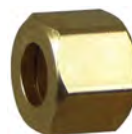
#1  
Metallic Tube  
Olive

Code	Tube
0101-02	1/8
0101-025	5/32
0101-03	3/16
0101-04	1/4
0101-05	5/16
0101-06	3/8
0101-07	7/16
0101-08	1/2
0101-10	5/8
0101-12	3/4



#1RR  
Road Ranger  
Olive

Code	Tube
0101RR-02	1/8
0101RR-025	5/32



#2SA  
Self Align  
Tube Nut

Code	Tube
0102SA-02	1/8
0102SA-03	3/16
0102SA-04	1/4
0102SA-05	5/16
0102SA-06	3/8



#1SA  
Self Align  
Olive

Code	Tube
0101SA-02	1/8
0101SA-03	3/16
0101SA-04	1/4
0101SA-05	5/16
0101SA-06	3/8

Full Range of Nylon Tube  
Available. Refer Category  
14.

Copper Tube Also Available.  
Refer Category 45

# STANDARD BRASS - Standard Compression Fittings. (Category 1)



**#3  
Male  
Connector**

Code	Tube	Male
0103-0202	1/8	1/8 BSPT
0103-0302	3/16	1/8 BSPT
0103-0304	3/16	1/4 BSPT
0103-0402	1/4	1/8 BSPT
0103-0404	1/4	1/4 BSPT
0103-0406	1/4	3/8 BSPT
0103-0408	1/4	1/2 BSPT
0103-0502	5/16	1/8 BSPT
0103-0504	5/16	1/4 BSPT
0103-0506	5/16	3/8 BSPT
0103-0508	5/16	1/2 BSPT
0103-0602	3/8	1/8 BSPT
0103-0604	3/8	1/4 BSPT
0103-0606	3/8	3/8 BSPT
0103-0608	3/8	1/2 BSPT
0103-0804	1/2	1/4 BSPT
0103-0806	1/2	3/8 BSPT
0103-0808	1/2	1/2 BSPT
0103-0812	1/2	3/4 BSPT
0103-1006	5/8	3/8 BSPT
0103-1008	5/8	1/2 BSPT
0103-1012	5/8	3/4 BSPT
0103-1208	3/4	1/2 BSPT
0103-1212	3/4	3/4 BSPT



**#4  
Double  
Union**

Code	Tube
0104-02	1/8
0104-03	3/16
0104-04	1/4
0104-05	5/16
0104-06	3/8
0104-08	1/2
0104-10	5/8
0104-12	3/4



**#4R  
Reducing  
Union**

Code	Tube	Tube
0104R-0402	1/4	1/8
0104R-0403	1/4	3/16
0104R-0504	5/16	1/4
0104R-0604	3/8	1/4
0104R-0605	3/8	5/16
0104R-0804	1/2	1/4
0104R-0805	1/2	5/16
0104R-0806	1/2	3/8



**#4RR  
Roadranger  
Double Union**

Code	Tube
0104RR-02	1/8



**#5  
Male Elbow  
Connector**

Code	Tube	Male
0105-0202	1/8	1/8 BSPT
0105-0302	3/16	1/8 BSPT
0105-0304	3/16	1/4 BSPT
0105-0402	1/4	1/8 BSPT
0105-0404	1/4	1/4 BSPT
0105-0406	1/4	3/8 BSPT
0105-0408	1/4	1/2 BSPT
0105-0502	5/16	1/8 BSPT
0105-0504	5/16	1/4 BSPT
0105-0506	5/16	3/8 BSPT
0105-0508	5/16	1/2 BSPT
0105-0602	3/8	1/8 BSPT
0105-0604	3/8	1/4 BSPT
0105-0606	3/8	3/8 BSPT
0105-0608	3/8	1/2 BSPT
0105-0804	1/2	1/4 BSPT
0105-0806	1/2	3/8 BSPT
0105-0808	1/2	1/2 BSPT
0105-1006	5/8	3/8 BSPT
0105-1008	5/8	1/2 BSPT
0105-1208	3/4	1/2 BSPT
0105-1212	3/4	3/4 BSPT



**#5D  
45° Male Elbow  
Connector**

Code	Tube	Male
010545-0302	3/16	1/8 BSPT
010545-0402	1/4	1/8 BSPT
010545-0404	1/4	1/4 BSPT
010545-0502	5/16	1/8 BSPT
010545-0504	5/16	1/4 BSPT
010545-0604	3/8	1/4 BSPT
010545-0606	3/8	3/8 BSPT
010545-0806	1/2	3/8 BSPT
010545-0808	1/2	1/2 BSPT

**NOTE :** Compression Fittings are fitted with the #100 olive as standard. Please contact the office if there is a requirement for an alternative olive.



**#10  
Female  
Connector**

Code	Tube	Female
0110-0202	1/8	1/8 BSP
0110-0302	3/16	1/8 BSP
0110-0304	3/16	1/4 BSP
0110-0402	1/4	1/8 BSP
0110-0404	1/4	1/4 BSP
0110-0406	1/4	3/8 BSP
0110-0408	1/4	1/2 BSP
0110-0502	5/16	1/8 BSP
0110-0504	5/16	1/4 BSP
0110-0506	5/16	3/8 BSP
0110-0508	5/16	1/2 BSP
0110-0602	3/8	1/8 BSP
0110-0604	3/8	1/4 BSP
0110-0606	3/8	3/8 BSP
0110-0608	3/8	1/2 BSP
0110-0804	1/2	1/4 BSP
0110-0806	1/2	3/8 BSP
0110-0808	1/2	1/2 BSP
0110-1008	5/8	1/2 BSP
0110-1208	3/4	1/2 BSP



**#11  
Elbow  
Union**

Code	Tube
0111-02	1/8
0111-03	3/16
0111-04	1/4
0111-05	5/16
0111-06	3/8
0111-08	1/2
0111-10	5/8
0111-12	3/4



**#12  
Male  
Branch Tee**

Code	Tube	Male
0112-0202	1/8	1/8 BSPT
0112-0302	3/16	1/8 BSPT
0112-0402	1/4	1/8 BSPT
0112-0404	1/4	1/4 BSPT
0112-0502	5/16	1/8 BSPT
0112-0504	5/16	1/4 BSPT
0112-0506	5/16	3/8 BSPT
0112-0602	3/8	1/8 BSPT
0112-0604	3/8	1/4 BSPT
0112-0606	3/8	3/8 BSPT
0112-0804	1/2	1/4 BSPT
0112-0806	1/2	3/8 BSPT
0112-0808	1/2	1/2 BSPT
0112-1008	5/8	1/2 BSPT
0112-1208	3/4	1/2 BSPT

## STANDARD BRASS - Standard Compression Fittings. (Category 1)



#13  
Male  
Run Tee

Code	Tube	Male
0113-0202	1/8	1/8 BSPT
0113-0302	3/16	1/8 BSPT
0113-0402	1/4	1/8 BSPT
0113-0404	1/4	1/4 BSPT
0113-0502	5/16	1/8 BSPT
0113-0504	5/16	1/4 BSPT
0113-0604	3/8	1/4 BSPT
0113-0606	3/8	3/8 BSPT
0113-0806	1/2	3/8 BSPT
0113-0808	1/2	1/2 BSPT



#14  
Tee  
Union

Code	Tube
0114-02	1/8
0114-03	3/16
0114-04	1/4
0114-05	5/16
0114-06	3/8
0114-08	1/2
0114-10	5/8
0114-12	3/4



#15  
Female Elbow  
Connector

Code	Tube	Female
0115-0202	1/8	1/8 BSP
0115-0302	3/16	1/8 BSP
0115-0402	1/4	1/8 BSP
0115-0404	1/4	1/4 BSP
0115-0502	5/16	1/8 BSP
0115-0504	5/16	1/4 BSP
0115-0602	3/8	1/8 BSP
0115-0604	3/8	1/4 BSP
0115-0606	3/8	3/8 BSP
0115-0804	1/2	1/4 BSP
0115-0806	1/2	3/8 BSP
0115-0808	1/2	1/2 BSP



#31  
Bulkhead  
Union

Code	Tube
0131-03	3/16
0131-04	1/4
0131-05	5/16
0131-06	3/8
0131-08	1/2



#31F  
Female  
Bulkhead Union

Code	Tube	Female
0131F-0302	3/16	1/8 BSP
0131F-0402	1/4	1/8 BSP
0131F-0404	1/4	1/4 BSP
0131F-0504	5/16	1/4 BSP
0131F-0604	3/8	1/4 BSP



#99 Insert For  
250psi Flexible  
Nylon Tube

Code	Tube
0199-02	1/8
0199-03	3/16
0199-04	1/4
0199-05	5/16
0199-06	3/8
0199-08	1/2
0199-10	5/8
0199-12	3/4



#99NSR Insert  
For 650psi Semi-  
Rigid Nylon Tube

Code	Tube
0199NSR-02	1/8
0199NSR-03	3/16
0199NSR-04	1/4
0199NSR-05	5/16
0199NSR-06	3/8
0199NSR-08	1/2

NOTE : Compression Fittings are fitted with the #100 olive as standard. Please contact the office if there is a requirement for an alternative olive.

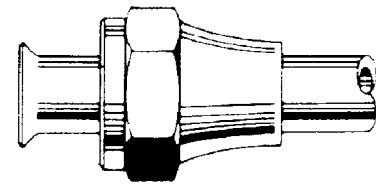
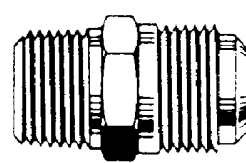
## STANDARD BRASS - S.A.E. 45° Flare Fittings. (Category 1)

**TUBE:** Copper, Aluminium, Bundy, Steel.

**PRESSURE:** For pressure ratings around 13800kpa/2000psi decreasing as tube sizes increase and depending on the medium.

**TEMPERATURE:** 0°C to 120°C

**TYPICAL USES:** LPG, Natural Gas, Oil lines.



#6  
Standard  
Flare Nut

Code	Tube	Thread
0106-02	1/8	5/16x24
0106-03	3/16	3/8x24
0106-04	1/4	7/16x20
0106-05	5/16	1/2x20
0106-06	3/8	5/8x18
0106-08	1/2	3/4x16
0106-10	5/8	7/8x14
0106-12	3/4	1.1/16x14



#6S  
Short  
Flare Nut

Code	Tube
0106S-04	1/4
0106S-05	5/16
0106S-06	3/8
0106S-08	1/2



#6L  
Long  
Flare Nut

Code	Tube	Thread
0106L-06	3/8	5/8x18
0106L-08	1/2	3/4x16



**ALSO AVAILABLE**  
**B577 Teflon Pipe Seal**

All Purpose. High Temp. Yellow. AGA Approved  
Refer Category 24

# STANDARD BRASS - S.A.E. 45° Flare Fittings. (Category 1)



#6R  
Reducing  
Flare Nut

Code	Tube	Tube
0106R-0302	3/16	1/8
0106R-0403	1/4	3/16
0106R-0504	5/16	1/4
0106R-0604	3/8	1/4
0106R-0605	3/8	5/16
0106R-0806	1/2	3/8



#7  
Male Flare  
Union

Code	Tube	Male
0107-0202	1/8	1/8 BSPT
0107-0302	3/16	1/8 BSPT
0107-0304	3/16	1/4 BSPT
0107-0402	1/4	1/8 BSPT
0107-0404	1/4	1/4 BSPT
0107-0406	1/4	3/8 BSPT
0107-0408	1/4	1/2 BSPT
0107-0502	5/16	1/8 BSPT
0107-0504	5/16	1/4 BSPT
0107-0506	5/16	3/8 BSPT
0107-0508	5/16	1/2 BSPT
0107-0602	3/8	1/8 BSPT
0107-0604	3/8	1/4 BSPT
0107-0606	3/8	3/8 BSPT
0107-0608	3/8	1/2 BSPT
0107-0612	3/8	3/4 BSPT
0107-0802	1/2	1/8 BSPT
0107-0804	1/2	1/4 BSPT
0107-0806	1/2	3/8 BSPT
0107-0808	1/2	1/2 BSPT
0107-0812	1/2	3/4 BSPT
0107-1006	5/8	3/8 BSPT
0107-1008	5/8	1/2 BSPT
0107-1012	5/8	3/4 BSPT
0107-1016	5/8	1" BSPT
0107-1208	3/4	1/2 BSPT
0107-1212	3/4	3/4 BSPT
0107-1216	3/4	1" BSPT



#8  
Male Flare  
Elbow Union

Code	Tube	Male
0108-0202	1/8	1/8 BSPT
0108-0302	3/16	1/8 BSPT
0108-0304	3/16	1/4 BSPT
0108-0402	1/4	1/8 BSPT
0108-0404	1/4	1/4 BSPT
0108-0406	1/4	3/8 BSPT
0108-0408	1/4	1/2 BSPT
0108-0502	5/16	1/8 BSPT
0108-0504	5/16	1/4 BSPT
0108-0506	5/16	3/8 BSPT
0108-0508	5/16	1/2 BSPT
0108-0602	3/8	1/8 BSPT
0108-0604	3/8	1/4 BSPT
0108-0606	3/8	3/8 BSPT
0108-0608	3/8	1/2 BSPT
0108-0802	1/2	1/8 BSPT
0108-0804	1/2	1/4 BSPT
0108-0806	1/2	3/8 BSPT
0108-0808	1/2	1/2 BSPT
0108-1006	5/8	3/8 BSPT
0108-1008	5/8	1/2 BSPT
0108-1208	3/4	1/2 BSPT
0108-1212	3/4	3/4 BSPT



#8D  
45° Male  
Elbow Union

Code	Tube	Male
010845-0402	1/4	1/8 BSPT
010845-0404	1/4	1/4 BSPT
010845-0502	5/16	1/8 BSPT
010845-0504	5/16	1/4 BSPT
010845-0604	3/8	1/4 BSPT
010845-0606	3/8	3/8 BSPT
010845-0806	1/2	3/8 BSPT
010845-0808	1/2	1/2 BSPT
010845-1008	5/8	1/2 BSPT



#17  
Flare  
Union

Code	Tube
0117-02	1/8
0117-03	3/16
0117-04	1/4
0117-05	5/16
0117-06	3/8
0117-08	1/2
0117-10	5/8
0117-12	3/4



#16  
Female Flare  
Union

Code	Tube	Female
0116-0302	3/16	1/8 BSP
0116-0304	3/16	1/4 BSP
0116-0402	1/4	1/8 BSP
0116-0404	1/4	1/4 BSP
0116-0406	1/4	3/8 BSP
0116-0502	5/16	1/8 BSP
0116-0504	5/16	1/4 BSP
0116-0506	5/16	3/8 BSP
0116-0602	3/8	1/8 BSP
0116-0604	3/8	1/4 BSP
0116-0606	3/8	3/8 BSP
0116-0608	3/8	1/2 BSP
0116-0804	1/2	1/4 BSP
0116-0806	1/2	3/8 BSP
0116-0808	1/2	1/2 BSP
0116-0812	1/2	3/4 BSP
0116-1006	5/8	3/8 BSP
0116-1008	5/8	1/2 BSP
0116-1208	3/4	1/2 BSP
0116-1212	3/4	3/4 BSP



#17R  
Reducing  
Flare Union

Code	Tube	Tube
0117R-0403	1/4	3/16
0117R-0504	5/16	1/4
0117R-0604	3/8	1/4
0117R-0605	3/8	5/16
0117R-0806	1/2	3/8



#18  
Flare Union  
Elbow

Code	Tube
0118-03	3/16
0118-04	1/4
0118-05	5/16
0118-06	3/8
0118-08	1/2
0118-10	5/8
0118-12	3/4



Assembled  
Flare  
Fittings  
available  
by request



## STANDARD BRASS - S.A.E. 45° Flare Fittings. (Category 1)



**#19**  
Flare  
Union Tee

Code	Tube
0119-02	1/8
0119-03	3/16
0119-04	1/4
0119-05	5/16
0119-06	3/8
0119-08	1/2
0119-10	5/8
0119-12	3/4



**#19R**  
Reducing Flare  
Union Tee

Code	Tube	Tube
0119R-0605	3/8	5/16
0119R-0806	1/2	3/8



**#20**  
Male Flare  
Branch Tee

Code	Tube	Male
0120-0302	3/16	1/8 BSPT
0120-0402	1/4	1/8 BSPT
0120-0404	1/4	1/4 BSPT
0120-0406	1/4	3/8 BSPT
0120-0502	5/16	1/8 BSPT
0120-0504	5/16	1/4 BSPT
0120-0506	5/16	3/8 BSPT
0120-0602	3/8	1/8 BSPT
0120-0604	3/8	1/4 BSPT
0120-0606	3/8	3/8 BSPT
0120-0804	1/2	1/4 BSPT
0120-0806	1/2	3/8 BSPT
0120-0808	1/2	1/2 BSPT
0120-1008	5/8	1/2 BSPT



**#36**  
Female Flare  
Elbow Union

Code	Tube	Female
0136-0302	3/16	1/8 BSP
0136-0402	1/4	1/8 BSP
0136-0404	1/4	1/4 BSP
0136-0406	1/4	3/8 BSP
0136-0502	5/16	1/8 BSP
0136-0504	5/16	1/4 BSP
0136-0506	5/16	3/8 BSP
0136-0604	3/8	1/4 BSP
0136-0606	3/8	3/8 BSP
0136-0608	3/8	1/2 BSP
0136-0806	1/2	3/8 BSP
0136-0808	1/2	1/2 BSP
0136-1008	5/8	1/2 BSP



**#54**  
Female Flare  
x Male BSPT

Code	Tube	Male
0154-0404	1/4	1/4 BSPT
0154-0504	5/16	1/4 BSPT
0154-0604	3/8	1/4 BSPT
0154-0606	3/8	3/8 BSPT
0154-0608	3/8	1/2 BSPT
0154-0806	1/2	3/8 BSPT



**#56**  
Flare  
Cap

Code	Tube
0156-03	3/16
0156-04	1/4
0156-05	5/16
0156-06	3/8
0156-08	1/2
0156-10	5/8
0156-12	3/4



**#57**  
M&F Flare  
Adaptor

Code	Tube (M)	Tube (F)
0157-0406	1/4	3/8
0157-0504	5/16	1/4
0157-0506	5/16	3/8
0157-0604	3/8	1/4
0157-0605	3/8	5/16
0157-0608	3/8	1/2
0157-0806	1/2	3/8



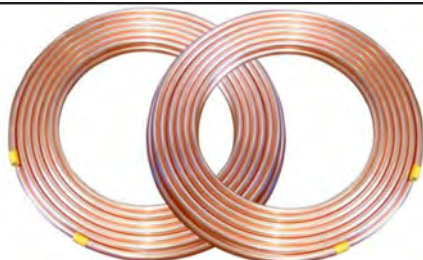
**#65**  
Flare  
Plug

Code	Tube
0165-03	3/16
0165-04	1/4
0165-05	5/16
0165-06	3/8
0165-08	1/2
0165-10	5/8
0165-12	3/4



**#70**  
Swivel  
Connector

Code	Tube
0170-04	1/4
0170-05	5/16
0170-06	3/8
0170-08	1/2



Copper Tube also available in annealed coils and hard drawn lengths.

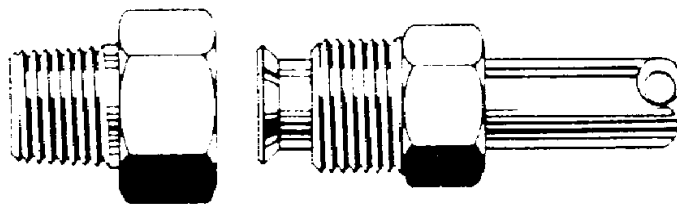
Refer Category 45

Do you need a thread sealant? We stock various types of thread tape and a full range of Bondloc thread lockers and sealants.



# STANDARD BRASS - S.A.E. 45° Inverted Flare Fittings. (Category 1)

**TUBE:** Copper, Aluminium, Bundy, Steel.  
**PRESSURE:** For pressure ratings around 13800kpa/2000psi decreasing as tube sizes increase and depending on the medium.  
**TEMPERATURE:** 0°C to 120°C  
**TYPICAL USES:** Automotive brake lines, Petrol/Oil lines.



#58  
Brass  
Tube Nut

Code	Tube	Thread
0158-02	1/8	5/16x28
0158-03	3/16	3/8x24
0158-04	1/4	7/16x24
0158-05	5/16	1/2x20
0158-06	3/8	5/8x18
0158-08	1/2	3/4x18



#58S  
Steel  
Tube Nut

Code	Tube	Thread
0158S-02	1/8	5/16x28
0158S-03	3/16	3/8x24
0158S-04	1/4	7/16x24
0158S-05	5/16	1/2x20
0158S-06	3/8	5/8x18
0158S-08	1/2	3/4x18
0158S-10	5/8	7/8x18
0158S-12	3/4	1.1/16x16



#58SL  
Long Steel  
Tube Nut

Code	Tube	Thread
0158SL-03	3/16	3/8x24
0158SL-04	1/4	7/16x24



#60  
Ford Carby  
/CAV Nut

Code	Tube	Thread
0160-04	1/4	1/2x20
0160-05	5/16	1/2x20

This fitting when used with a No. 1 olive, will take 1/4 or 5/16 steel or copper tube into CAV fuel filters

**Note : A larger range of Inverted Flare Fittings is available with NPT Threads (Category 2)**



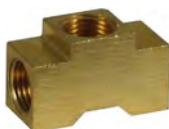
#59  
Male  
Elbow

Code	Tube	Male
0159-0202	1/8	1/8 BSPT
0159-0302	3/16	1/8 BSPT
0159-0402	1/4	1/8 BSPT
0159-0404	1/4	1/4 BSPT
0159-0502	5/16	1/8 BSPT
0159-0504	5/16	1/4 BSPT
0159-0602	3/8	1/8 BSPT
0159-0604	3/8	1/4 BSPT



#59D  
45° Male  
Elbow

Code	Tube	Male
015945-0302	3/16	1/8 BSPT
015945-0402	1/4	1/8 BSPT
015945-0502	5/16	1/8 BSPT
015945-0504	5/16	1/4 BSPT
015945-0604	3/8	1/4 BSPT



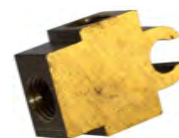
#61  
Inverted  
Flare Tee

Code	Tube
0161-02	1/8
0161-03	3/16
0161-04	1/4
0161-05	5/16
0161-06	3/8
0161-08	1/2



#61A  
Inverted Flare  
Adaptor Tee

Code	Tube	Tube	Tube
0161A-030303	3/16	3/16	3/16
0161A-040403	1/4	1/4	3/16
0161A-040404	1/4	1/4	1/4



#61BR  
Inverted Flare  
Bracketed Tee

Code	Tube
0161BR-03	3/16



#62  
Male  
Adaptor

Code	Tube	Male
0162-0302	3/16	1/8 BSPT
0162-0402	1/4	1/8 BSPT
0162-0404	1/4	1/4 BSPT
0162-0502	5/16	1/8 BSPT
0162-0504	5/16	1/4 BSPT
0162-0602	3/8	1/8 BSPT
0162-0604	3/8	1/4 BSPT



#62R  
Reducing Male  
Adaptor

Code	Tube (M)	Tube (F)
0162R-0403	1/4	3/16
0162R-0503	5/16	3/16
0162R-0504	5/16	1/4
0162R-0605	3/8	5/16



#62W  
Washer Face  
Male Adaptor

Code	Tube	Male
0162W-0306	3/16	3/8 UNF
0162W-0307	3/16	7/16 UNF
0162W-0308	3/16	1/2 UNF
0162W-0406	1/4	3/8 UNF
0162W-0407	1/4	7/16 UNF
0162W-0408	1/4	1/2 UNF
0162W-0506	5/16	3/8 UNF
0162W-0508	5/16	1/2 UNF

**Non Standard Automotive fittings and tube nuts with metric and imperial threads or with relieved ends are listed in Category 10 (Automotive Specials)**

## STANDARD BRASS - S.A.E. 45° Inverted Flare Fittings. (Category 1)



#63  
Inverted  
Flare Joiner

Code	Tube
0163-02	1/8
0163-03	3/16
0163-04	1/4
0163-05	5/16
0163-06	3/8
0163-08	1/2



#66  
Inverted  
Flare Plug

Code	Tube
0166-03	3/16
0166-04	1/4
0166-05	5/16
0166-06	3/8



#68  
Inv Flare Male x  
BSPT Male

Code	Tube	Male
0168-0302	3/16	1/8 BSPT
0168-0402	1/4	1/8 BSPT
0168-0504	5/16	1/4 BSPT
0168-0604	3/8	1/4 BSPT

Non Standard Automotive fittings and tube nuts with metric and imperial threads or with relieved ends are listed in Category 10 (Automotive Specials)

## STANDARD BRASS - Solder-On Brass Fittings. (Category 1)



#44  
Solder-On  
Tail

Code	Tube
0144-03	3/16
0144-04	1/4
0144-05	5/16
0144-06	3/8
0144-08	1/2



#46  
Male Solder-On  
Union

Code	Tube	Male
0146-0202	1/8	1/8 BSPT
0146-0302	3/16	1/8 BSPT
0146-0402	1/4	1/8 BSPT
0146-0404	1/4	1/4 BSPT
0146-0406	1/4	3/8 BSPT
0146-0502	5/16	1/8 BSPT
0146-0504	5/16	1/4 BSPT
0146-0506	5/16	3/8 BSPT
0146-0602	3/8	1/8 BSPT
0146-0604	3/8	1/4 BSPT
0146-0606	3/8	3/8 BSPT
0146-0608	3/8	1/2 BSPT
0146-0806	1/2	3/8 BSPT
0146-0808	1/2	1/2 BSPT



#49  
Solder-On  
Elbow Union

Code	Tube
0149-02	1/8
0149-03	3/16
0149-04	1/4
0149-05	5/16
0149-06	3/8
0149-08	1/2



#44R  
Solder-On  
Reducing Tail

Code	Tube	Tube
0144R-0302	3/16	1/8
0144R-0504	5/16	1/4



#49M  
Male Solder-On  
Elbow Connector

Code	Tube	Male
0149M-0404	1/4	1/4 BSPT
0149M-0504	5/16	1/4 BSPT
0149M-0604	3/8	1/4 BSPT



#45  
Solder-On  
Nut

Code	Tube	Thread
0145SO-02	1/8	5/16x26
0145-02	3/16	1/8 BSP
0145SO-04	1/4	7/16x20
0145-04	5/16	1/4 BSP
0145-06	3/8	3/8 BSP
0145-08	1/2	1/2 BSP



#47  
Solder-On  
Joiner

Code	Tube	Tube
0147-02	1/8	1/8
0147-03	3/16	3/16
0147-04	1/4	1/4
0147-05	5/16	5/16
0147-06	3/8	3/8
0147R-0605	3/8	5/16
0147-08	1/2	1/2



#50  
Solder-On  
Tee Union

Code	Tube
0150-02	1/8
0150-03	3/16
0150-04	1/4
0150-05	5/16
0150-06	3/8
0150-08	1/2



#46F  
Female Solder-On  
Union

Code	Tube	Female
0146F-0404	1/4	1/4 BSP