

## B3

## FLARE FITTINGS

## SAE 45° FLARE FITTINGS

## UNIONS TUBE TO TUBE



PART NUMBER	DESCRIPTION
B3-402-2	1/8" O.D Tube
B3-402-3	3/16" O.D Tube
B3-402-4	1/4" O.D Tube
B3-402-5	5/16" O.D Tube
B3-402-6	3/8" O.D Tube

PART NUMBER	DESCRIPTION
B3-402-8	1/2" O.D Tube
B3-402-10	5/8" O.D Tube
B3-402-12	3/4" O.D Tube
B3-402-14	7/8" O.D Tube

## REDUCING UNIONS TUBE TO TUBE



PART NUMBER	DESCRIPTION
B3-402R-54	5/16" x 1/4" O.D Tube
B3-402R-62	3/8" x 1/8" O.D Tube
B3-402R-64	3/8" x 1/4" O.D Tube
B3-402R-65	3/8" x 5/16" O.D Tube
B3-402R-84	1/2" X 1/4" O.D Tube

PART NUMBER	DESCRIPTION
B3-402R-86	1/2" x 3/8" O.D Tube
B3-402R-106	5/8" x 3/8" O.D Tube
B3-402R-108	5/8" x 1/2" O.D Tube
B3-402R-128	3/4" x 1/2" O.D Tube
B3-402R-1210	3/4" x 5/8" O.D Tube

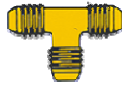
## CHECK VALVES TUBE TO MALE PIPE



PART NUMBER	DESCRIPTION
B3-403-42	1/4" O.D Tube x 1/8" M. NPT

PART NUMBER	DESCRIPTION
B3-403-42	1/4" O.D Tube x 1/8" M. NPT

## TEE, TUBE THREE ENDS



PART NUMBER	DESCRIPTION
B3-404-2	1/8" O.D Tube
B3-404-3	3/16" O.D Tube
B3-404-4	1/4" O.D Tube
B3-404-5	5/16" O.D Tube

PART NUMBER	DESCRIPTION
B3-404-6	3/8" O.D Tube
B3-404-8	1/2" O.D Tube
B3-404-10	5/8" O.D Tube
B3-404-12	3/4" O.D Tube

## REDUCING TEE, TUBE THREE ENDS



PART NUMBER	DESCRIPTION
404R-446	1/4" x 1/4" x 3/8" O.D Tube
404R-664	3/8" x 3/8" x 1/4" O.D Tube
404R-668	3/8" x 3/8" x 1/2" O.D Tube

PART NUMBER	DESCRIPTION
404R-866	1/2" x 3/8" x 3/8" O.D Tube
404R-868	1/2" x 3/8" x 1/2" O.D Tube
404R-886	1/2" x 1/2" x 3/8" O.D Tube

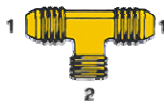
## REDUCING TEE, TUBE THREE ENDS



PART NUMBER	DESCRIPTION
B3-404R-8810	1/2" x 1/2" x 5/8" O.D Tube
B3-404R-10106	5/8" x 5/8" x 3/8" O.D Tube
B3-404R-10108	5/8" x 5/8" x 1/2" O.D Tube

PART NUMBER	DESCRIPTION
B3-404R-8810	1/2" x 1/2" x 5/8" O.D Tube
B3-404R-10106	5/8" x 5/8" x 3/8" O.D Tube
B3-404R-10108	5/8" x 5/8" x 1/2" O.D Tube

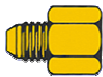
## TEE, TUBE TO PIPE



PART NUMBER	DESCRIPTION
B3-405-32	3/16" O.D Tube x 1/8" M.NPT
B3-405-42	1/4" O.D Tube x 1/8" M.NPT
B3-405-44	1/4" O.D Tube x 1/4" M.NPT
B3-405-46	1/4" O.D Tube x 3/8" M.NPT
B3-405-52	5/16" O.D Tube x 1/8" M.NPT
B3-405-54	5/16" O.D Tube x 1/4" M.NPT

PART NUMBER	DESCRIPTION
B3-405-62	3/8" O.D Tube x 1/8" M.NPT
B3-405-64	3/8" O.D Tube x 1/4" M.NPT
B3-405-66	3/8" O.D Tube x 3/8" M.NPT
B3-405-68	3/8" O.D Tube x 1/2" M.NPT
B3-405-86	1/2" O.D Tube x 3/8" M.NPT
B3-405-88	1/2" O.D Tube x 1/2" M.NPT

## FEMALE COUPLING, TUBE TO PIPE



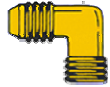
PART NUMBER	DESCRIPTION
B3-406-22	1/8" O.D Tube x 1/8" F.NPT
B3-406-32	3/16" O.D Tube x 1/8" F.NPT
B3-406-42	1/4" O.D Tube x 1/8" F.NPT
B3-406-44	1/4" O.D Tube x 1/4" F.NPT
B3-406-46	1/4" O.D Tube x 3/8" F.NPT
B3-406-48	1/4" O.D Tube x 1/2" F.NPT
B3-406-52	5/16" O.D Tube x 1/8" F.NPT
B3-406-54	5/16" O.D Tube x 1/4" F.NPT
B3-406-56	5/16" O.D Tube x 3/8" F.NPT
B3-406-58	5/16" O.D Tube x 1/2" F.NPT
B3-406-62	3/8" O.D Tube x 1/8" F.NPT
B3-406-64	3/8" O.D Tube x 1/4" F.NPT
B3-406-66	3/8" O.D Tube x 3/8" F.NPT

PART NUMBER	DESCRIPTION
B3-406-68	3/8" O.D Tube x 1/2" F.NPT
B3-406-612	3/8" O.D Tube x 3/4" F.NPT
B3-406-84	1/2" O.D Tube x 1/4" F.NPT
B3-406-86	1/2" O.D Tube x 3/8" F.NPT
B3-406-88	1/2" O.D Tube x 1/2" F.NPT
B3-406-812	1/2" O.D Tube x 3/4" F.NPT
B3-406-106	5/8" O.D Tube x 3/8" F.NPT
B3-406-108	5/8" O.D Tube x 1/2" F.NPT
B3-406-1012	5/8" O.D Tube x 3/4" F.NPT
B3-406-128	3/4" O.D Tube x 1/2" F.NPT
B3-406-1212	3/4" O.D Tube x 3/4" F.NPT
B3-406-1412	7/8" O.D Tube x 3/4" F.NPT

**MALE HALF UNION,  
TUBE TO PIPE**


PART NUMBER	DESCRIPTION
B3-408-22	1/8" O.D Tube x 1/8" M.NPT
B3-408-32	3/16" O.D Tube x 1/8" M.NPT
B3-408-34	3/16" O.D Tube x 1/4" M.NPT
B3-408-42	1/4" O.D Tube x 1/8" M.NPT
B3-408-44	1/4" O.D Tube x 1/4" M.NPT
B3-408-46	1/4" O.D Tube x 3/8" M.NPT
B3-408-48	1/4" O.D Tube x 1/2" M.NPT
B3-408-52	5/16" O.D Tube x 1/8" M.NPT
B3-408-54	5/16" O.D Tube x 1/4" M.NPT
B3-408-56	5/16" O.D Tube x 3/8" M.NPT
B3-408-58	5/16" O.D Tube x 1/2" M.NPT
B3-408-62	3/8" O.D Tube x 1/8" M.NPT
B3-408-64	3/8" O.D Tube x 1/4" M.NPT
B3-408-66	3/8" O.D Tube x 3/8" M.NPT
B3-408-662	3/8" O.D Tube x 3/8" M.NPT

PART NUMBER	DESCRIPTION
B3-408-68	3/8" O.D Tube x 1/2" M.NPT
B3-408-612	3/8" O.D Tube x 3/4" M.NPT
B3-408-84	1/2" O.D Tube x 1/4" M.NPT
B3-408-86	1/2" O.D Tube x 3/8" M.NPT
B3-408-88	1/2" O.D Tube x 1/2" M.NPT
B3-408-812	1/2" O.D Tube x 3/4" M.NPT
B3-408-104	5/8" O.D Tube x 1/4" M.NPT
B3-408-106	5/8" O.D Tube x 3/8" M.NPT
B3-408-108	5/8" O.D Tube x 1/2" M.NPT
B3-408-1012	5/8" O.D Tube x 3/4" M.NPT
B3-408-128	3/4" O.D Tube x 1/2" M.NPT
B3-408-1212	3/4" O.D Tube x 3/4" M.NPT
B3-408-148	7/8" O.D Tube x 1/2" M.NPT
B3-408-1412	7/8" O.D Tube x 3/4" M.NPT

**MALE ELBOW,  
TUBE TO PIPE**


PART NUMBER	DESCRIPTION
B3-409-22	1/8" O.D Tube x 1/8" M.NPT
B3-409-32	3/16" O.D Tube x 1/8" M.NPT
B3-409-34	3/16" O.D Tube x 1/4" M.NPT
B3-409-42	1/4" O.D Tube x 1/8" M.NPT
B3-409-44	1/4" O.D Tube x 1/4" M.NPT
B3-409-46	1/4" O.D Tube x 3/8" M.NPT
B3-409-48	1/4" O.D Tube x 1/2" M.NPT
B3-409-52	5/16" O.D Tube x 1/8" M.NPT
B3-409-54	5/16" O.D Tube x 1/4" M.NPT
B3-409-56	5/16" O.D Tube x 3/8" M.NPT
B3-409-62	3/8" O.D Tube x 1/8" M.NPT
B3-409-64	3/8" O.D Tube x 1/4" M.NPT
B3-409-66	3/8" O.D Tube x 3/8" M.NPT

PART NUMBER	DESCRIPTION
B3-409-68	3/8" O.D Tube x 1/2" M.NPT
B3-409-612	3/8" O.D Tube x 3/4" M.NPT
B3-409-84	1/2" O.D Tube x 1/4" M.NPT
B3-409-86	1/2" O.D Tube x 3/8" M.NPT
B3-409-88	1/2" O.D Tube x 1/2" M.NPT
B3-409-812	1/2" O.D Tube x 3/4" M.NPT
B3-409-106	5/8" O.D Tube x 3/8" M.NPT
B3-409-108	5/8" O.D Tube x 1/2" M.NPT
B3-409-1012	5/8" O.D Tube x 3/4" M.NPT
B3-409-128	3/4" O.D Tube x 1/2" M.NPT
B3-409-1212	3/4" O.D Tube x 3/4" M.NPT
B3-409-1412	7/8" O.D Tube x 3/4" M.NPT

**PLUGS**

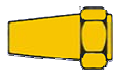

PART NUMBER	DESCRIPTION
B3-439-3	3/16" O.D Tube
B3-439-4	1/4" O.D Tube
B3-439-5	5/16" O.D Tube
B3-439-6	3/8" O.D Tube

PART NUMBER	DESCRIPTION
B3-439-8	1/2" O.D Tube
B3-439-10	5/8" O.D Tube
B3-439-12	3/4" O.D Tube

**CAPS**

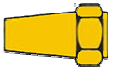

PART NUMBER	DESCRIPTION
B3-440-3	3/16" O.D Tube
B3-440-4	1/4" O.D Tube
B3-440-5	5/16" O.D Tube
B3-440-6	3/8" O.D Tube

PART NUMBER	DESCRIPTION
B3-440-8	1/2" O.D Tube
B3-440-10	5/8" O.D Tube
B3-440-12	3/4" O.D Tube

**LONG NUTS**


PART NUMBER	DESCRIPTION
B3-441L-2	1/8" O.D Tube
B3-441L-3	3/16" O.D Tube
B3-441L-4	1/4" O.D Tube
B3-441L-5	5/16" O.D Tube

PART NUMBER	DESCRIPTION
B3-441L-6	3/8" O.D Tube
B3-441L-8	1/2" O.D Tube
B3-441L-10	5/8" O.D Tube
B3-441L-12	3/4" O.D Tube

**NUTS**


PART NUMBER	DESCRIPTION
B3-441S-2	1/8" O.D Tube
B3-441S-3	3/16" O.D Tube
B3-441S-4	1/4" O.D Tube
B3-441S-5	5/16" O.D Tube
B3-441S-6	3/8" O.D Tube
B3-441S-7	7/16" O.D Tube

PART NUMBER	DESCRIPTION
B3-441S-8	1/2" O.D Tube
B3-441S-10	5/8" O.D Tube
B3-441S-12	3/4" O.D Tube
B3-441S-14	7/8" O.D Tube
B3-441S-64	3/8 x 1/4" O.D Tube

**MALE ELBOW  
TUBE TO MALE PIPE**


PART NUMBER	DESCRIPTION
B3-4945-42	1/4" O.D Tube x 1/8" M.NPT
B3-4945-44	1/4" O.D Tube x 1/4" M.NPT
B3-4945-52	5/16" O.D Tube x 1/8" M.NPT
B3-4945-54	5/16" O.D Tube x 1/4" M.NPT
B3-4945-64	3/8" O.D Tube x 1/4" M.NPT
B3-4945-66	3/8" O.D Tube x 3/8" M.NPT

PART NUMBER	DESCRIPTION
B3-4945-68	3/8" O.D Tube x 1/2" M.NPT
B3-4945-86	1/2" O.D Tube x 3/8" M.NPT
B3-4945-88	1/2" O.D Tube x 1/2" M.NPT
B3-4945-108	5/8" O.D Tube x 1/2" M.NPT
B3-4945-1212	3/4" O.D Tube x 3/4" M.NPT

**FITTINGS**

**FEMALE ELBOW, TUBE TO FEMALE PIPE**



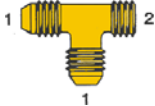
PART NUMBER
B3-500-32
B3-500-42
B3-500-44
B3-500-46
B3-500-48
B3-500-52
B3-500-54
B3-500-62
B3-500-64
B3-500-66

DESCRIPTION
3/16" O.D Tube x 1/8" F.NPT
1/4" O.D Tube x 1/8" F.NPT
1/4" O.D Tube x 1/4" F.NPT
1/4" O.D Tube x 3/8" F.NPT
1/4" O.D Tube x 1/2" F.NPT
5/16" O.D Tube x 1/8" F.NPT
5/16" O.D Tube x 1/4" F.NPT
3/8" O.D Tube x 1/8" F.NPT
3/8" O.D Tube x 1/4" F.NPT
3/8" O.D Tube x 3/8" F.NPT

PART NUMBER
B3-500-68
B3-500-612
B3-500-86
B3-500-88
B3-500-812
B3-500-106
B3-500-108
B3-500-1012
B3-500-128
B3-500-1212

DESCRIPTION
3/8" O.D Tube x 1/2" F.NPT
3/8" O.D Tube x 3/4" F.NPT
1/2" O.D Tube x 3/8" F.NPT
1/2" O.D Tube x 1/2" F.NPT
1/2" O.D Tube x 3/4" F.NPT
5/8" O.D Tube x 3/8" F.NPT
5/8" O.D Tube x 1/2" F.NPT
5/8" O.D Tube x 3/4" F.NPT
3/4" O.D Tube x 1/2" F.NPT
3/4" O.D Tube x 3/4" F.NPT

**MALE RUN TEE, TUBE TO PIPE**



PART NUMBER
B3-501-42
B3-501-44
B3-501-46
B3-501-52

DESCRIPTION
1/4" O.D Tube x 1/8" M.NPT
1/4" O.D Tube x 1/4" M.NPT
1/4" O.D Tube x 3/8" M.NPT
5/16" O.D Tube x 1/8" M.NPT

PART NUMBER
B3-501-64
B3-501-66
B3-501-86
B3-501-88

DESCRIPTION
3/8" O.D Tube x 1/4" M.NPT
3/8" O.D Tube x 3/8" M.NPT
1/2" O.D Tube x 3/8" M.NPT
1/2" O.D Tube x 1/2" M.NPT

**FLARE CROSS, TUBE FOUR ENDS**



PART NUMBER
B3-502-4
B3-502-6
B3-502-8

DESCRIPTION
1/4" O.D Tube
3/8" O.D Tube
1/2" O.D Tube

**FLARE ELBOW, TUBE TO TUBE**



PART NUMBER
B3-505-2
B3-505-4
B3-505-5
B3-505-6

DESCRIPTION
1/8" O.D Tube
1/4" O.D Tube
5/16" O.D Tube
3/8" O.D Tube

PART NUMBER
B3-505-8
B3-505-10
B3-505-12
B3-505-14

DESCRIPTION
1/2" O.D Tube
5/8" O.D Tube
3/4" O.D Tube
7/8" O.D Tube

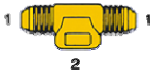
**FLARE REDUCING ELBOW, TUBE TO TUBE**



PART NUMBER
B3-505R-64
B3-505R-84
B3-505R-86
B3-505R-108

DESCRIPTION
3/8" x 1/4" O.D Tube
1/2" x 1/4" O.D Tube
1/2" x 3/8" O.D Tube
5/8" x 1/2" O.D Tube

**FLARE FEMALE TEE, TUBE TO FEMALE PIPE**



PART NUMBER
B3-508FP-42
B3-508FP-66
B3-508FP-68

DESCRIPTION
1/4" O.D Tube x 1/8" F.NPT
3/8" O.D Tube x 3/8" F.NPT
3/8" O.D Tube x 1/2" F.NPT

PART NUMBER
B3-508FP-86
B3-508FP-88

DESCRIPTION
1/2" O.D Tube x 3/8" F.NPT
1/2" O.D Tube x 1/2" F.NPT

**FEMALE FLARE UNION**



PART NUMBER
B3-600F-4
B3-600F-6
B3-600F-8

DESCRIPTION
1/4" O.D Tube
3/8" O.D Tube
1/2" O.D Tube

**FLARE REDUCER, TUBE TO TUBE**



PART NUMBER
B3-601-43
B3-601-46
B3-601-48
B3-601-54
B3-601-64
B3-601-68

DESCRIPTION
1/4" x 3/16" O.D Tube
1/4" x 3/8" O.D Tube
1/4" x 1/2" O.D Tube
5/16" x 1/4" O.D Tube
3/8" x 1/4" O.D Tube
3/8" x 1/2" O.D Tube

PART NUMBER
B3-601-610
B3-601-84
B3-601-86
B3-601-810
B3-601-108

DESCRIPTION
3/8" x 5/8" O.D Tube
1/2" x 1/4" O.D Tube
1/2" x 3/8" O.D Tube
1/2" x 5/8" O.D Tube
5/8" x 1/2" O.D Tube

**LONG FORGE NUT**



PART NUMBER
B3-641-4
B3-641-6
B3-641-8

DESCRIPTION
1/4" O.D Tube
3/8" O.D Tube
1/2" O.D Tube

**HEAVY FORGE NUT**



PART NUMBER
B3-641S-3
B3-641S-4
B3-641S-5
B3-641S-6

DESCRIPTION
3/16" O.D Tube
1/4" O.D Tube
5/16" O.D Tube
3/8" O.D Tube

PART NUMBER
B3-641S-8
B3-641S-10
B3-641S-12
B3-641S-14

DESCRIPTION
1/2" O.D Tube
5/8" O.D Tube
3/4" O.D Tube
7/8" O.D Tube



## FITTINGS

### EXTRA HEAVY FORGED NUT



**PART NUMBER**  
B3-641SH-4  
B3-641SH-6

**DESCRIPTION**  
1/4" O.D Tube  
3/8" O.D Tube

**PART NUMBER**  
B3-641SH-8  
B3-641SH-10

**DESCRIPTION**  
1/2" O.D Tube  
5/8" O.D Tube

### HEAVY FORGED, REDUCING NUT



**PART NUMBER**  
B3-662S-43  
B3-662S-54  
B3-662S-64  
B3-662S-65

**DESCRIPTION**  
1/4" x 3/16" O.D Tube  
5/16" x 1/4" O.D Tube  
3/8" x 1/4" O.D Tube  
3/8" x 5/16" O.D Tube

**PART NUMBER**  
B3-662S-86  
B3-662S-106  
B3-662S-108  
B3-662S-1210

**DESCRIPTION**  
1/2" x 3/8" O.D Tube  
5/8" x 3/8" O.D Tube  
5/8" x 1/2" O.D Tube  
3/4" x 5/8" O.D Tube

### FEMALE FLARE SWIVEL TUBE TO TUBE



**PART NUMBER**  
B3-700-4  
B3-700-5  
B3-700-6  
B3-700-8  
B3-700-10  
B3-700-12

**DESCRIPTION**  
1/4" O.D Tube  
5/16" O.D Tube  
3/8" O.D Tube  
1/2" O.D Tube  
5/8" O.D Tube  
3/4" O.D Tube

### FLARE SWIVEL REDUCER TUBE TO TUBE



**PART NUMBER**  
B3-700R-108  
B3-700R-86

**DESCRIPTION**  
5/8" x 1/2" O.D Tube  
1/2" x 3/8" O.D Tube