

# BRAKE LINE FITTINGS

## STANDARD FLARE INVERT STEEL TUBE NUTS

FMSI#	TUBE SIZE	THREAD DIAMETER	THREADS PER INCH
3000	3/16"	3/8"	24 T.P.I.
3003	1/4"	7/16"	24 T.P.I.
3006	5/16"	1/2"	20 T.P.I.
3015	3/8"	5/8"	18 T.P.I.
3016	1/2"	3/4"	18 T.P.I.
3415	1/4"	7/16" 9/16" wrench	24 T.P.I.
3424	3/16"	3/8" 7/16" wrench (violet)	24 T.P.I.
3441	3/16"	3/8" 9/16" wrench	24 T.P.I.
3465	7/16"	1 1/16"	18 T.P.I.

## FEMALE TUBE NUTS

FMSI#	TUBE SIZE	THREAD DIAMETER	THREADS PER INCH
3428	3/16"	3/8"	24 T.P.I.
3429	1/4"	7/16"	24 T.P.I.
3430	5/16"	1/2"	20 T.P.I.
3431	3/8"	5/8"	18 T.P.I.
3432	1/2"	3/4"	18 T.P.I.

## LONG STEEL TUBE NUTS

FMSI#	TUBE SIZE	THREAD DIAMETER	THREADS PER INCH
3001	3/16"	3/8"	24 T.P.I.
3004	1/4"	7/16"	24 T.P.I.
3442	3/8"	5/8"	18 T.P.I.

## BRASS UNIONS

FMSI#	TUBE SIZE	THREAD DIAMETER	THREADS PER INCH
3002	3/16"	3/8"	24 T.P.I.
3005	1/4"	7/16"	24 T.P.I.
3007	5/16"	1/2"	20 T.P.I.
3018	3/8"	5/8"	18 T.P.I.

## BRASS BRAKE LINE ADAPTERS (MASTER CYLINDER)

FMSI#	TUBE SIZE - INVERT FLARE FEMALE	TUBE SIZE MALE	MALE THREAD
3029	1/4"	1/4" tube	7/16" 20 T.P.I. surface seal
3230	3/16"	5/16" tube	1/2" 20 T.P.I.
3231	3/16"	3/8" tube	9/16" 20 T.P.I.
3232	3/16"	1/4" tube	7/16" 24 T.P.I.
3233	1/4"	5/16" tube	1/2" 20 T.P.I.
3235	1/4"	3/16" tube	3/8" 24 T.P.I.
3236	1/4"	3/8" tube	9/16" 18 T.P.I.
3237	3/16"	3/8" tube	9/16" 18 T.P.I.

## METRIC BRAKE LINE ADAPTERS INVERT & BUBBLE

FMSI#	TUBE (FEMALE)	DESCRIPTION
3039	3/16"	10mm X 1.0 male thread bubble
3045	3/16"	10mm X 1.0 male thread invert
3250	3/16"	10mm X 1.25 male thread bubble
3251	3/16"	13mm X 1.5 male thread bubble
3252	3/16"	12mm X 1.0 male thread bubble
3253	3/16"	11mm X 1.5 male thread bubble

## INVERT & BUBBLE FLARE UNIONS

FMSI#	TUBE SIZE	THREAD	THREAD PITCH
3044	3/16"	10mm	1.0 bubble flare
3047	3/16"	3/8"	24 T.P.I. bubble flare
3059	3/16"	10mm	1.0 invert flare
4238	6mm	12mm	1.0 bubble flare

## COPPER FLEX LINE GASKETS

FMSI#	O.D.	I.D.	THICKNESS	FMSI#	O.D.	I.D.	THICKNESS
3046	.625"	.450"	.079"	3054	.8125"	.438"	.063"
3048	.687"	.450"	.038"	3055	.625"	.406"	.101"
3052	.8125"	.500"	.032"	3056	.688"	.391"	.050"
3053	.625"	.390"	.063"	3057	.554"	.409"	.032"

## OVERSIZE STEEL TUBE NUTS

FMSI#	TUBE SIZE	THREAD DIAMETER	THREADS PER INCH
3022	3/16"	7/16"	24 T.P.I. red
3023	3/16"	1/2"	20 T.P.I. green
3024	3/16"	9/16"	18 T.P.I. olive/gold
3025	1/4"	9/16"	18 T.P.I. blue
3026	1/4"	1/2"	20 T.P.I. gold
3439	3/16"	1/2"	20 T.P.I. black
3462	1/4"	9/16"	18 bubble flare yellow

## METRIC INVERT FLARE TUBE NUTS

FMSI#	TUBE SIZE	THREAD DIAMETER	THREAD PITCH
3027	3/16"	10mm	1.0 Toyota (blue)
3043	3/16"	10mm	1.0 Japanese (blue)
3411	3/16"	10mm	1.0 Japanese (gold) 12mm hex long
3413	1/4"	12mm	1.0 Ford and imports
3417	3/16"	10mm	1.0 Toyota/GM (blue) long
3449	3/16"	10mm	1.0 yellow

## METRIC & IMPERIAL BUBBLE FLARE TUBE NUTS

FMSI#	TUBE SIZE	THREAD DIAMETER	THREAD PITCH
3028	3/16"	10mm	1.0 European/Domestic olive
3040	3/16"	11mm	1.5 GM/Ford orange/grey
3041	3/16"	12mm	1.0 GM/Ford blue
3042	3/16"	13mm	1.5 GM/Ford green
3410	3/16"	3/8"	24 T.P.I. U.S./British thread
3411	3/16"	10mm	1.0 long tube nut yellow
3413	1/4"	12mm	1.0 Ford & imports olive
3414	3/16"	10mm	1.0 VW Audi violet
3420	3/16"	10mm	1.0 Ford gold
3426	3/16"	12mm	1.25 olive
3433	1/4"	12mm	1.25 gold
3446	1/4"	12mm	1.75 green
3447	1/4"	12mm	1.75 yellow
3460	3/16"	12mm	1.0 yellow
3461	1/4"	12mm	1.25 black
3463	3/16"	10mm	1.0 grey

**NEW!**

## METRIC 6mm BUBBLE FLARE TUBE NUTS

FMSI#	TUBE SIZE	THREAD DIAMETER	THREAD PITCH
3421	6mm	12mm	1.0 olive
3422	6mm	12mm	1.5 olive
3423	6mm	14mm	1.5 black

# BRAKE LINES AND COILS

## INVERTED / STANDARD FLARE BRAKE LINES



STANDARD - GM123M-ASV and S.A.E. J527B double-walled steel construction.



ARMORED - designed to help prevent kinking and damage due to road abrasion.



PVF (GREEN POLY-VINYL FLUORIDE) - a rust and abrasive preventative plating.



3/16"



1/4"



JAPANESE 3/16" Tube - 10mm



TOYOTA GM

LENGTH	FMSI#	FMSI ARMORED #	PVF#	FMSI#	FMSI ARMORED #	PVF#	FMSI#	FMSI ARMORED #	PVF#	FMSI#
6"	K306	K306A	P306							
8"	K308	K308A	P308	K408	K408A	P408	KM8	KM8A	PKM8	KGM8
10"	K310	K310A	P310							
12"	K312	K312A	P312	K412	K412A	P412	KM12	KM12A	PKM12	KGM12
20"	K320	K320A	P320	K420	K420A	P420	KM20	KM20A	PKM20	KGM20
30"	K330	K330A	P330	K430	K430A	P430	KM30	KM30A	PKM30	KGM30
40"	K340	K340A	P340	K440	K440A	P440	KM40	KM40A	PKM40	KGM40
51"	K351	K351A	P351	K451	K451A	P451	KM51	KM51A	PKM51	KGM51
60"	K360	K360A	P360	K460	K460A	P460	KM60	KM60A	PKM60	KGM60
72"	K372	K372A	P372	K472	K472A	P472	KM72	KM72A	PKM72	KGM72
84"							KM84	KM84A	PKM84	
120" <sub>(coil)</sub>	K3120		P3120	K4120		P4120	KM120		PKM120	

3/16" union (FMSI # 3002)

1/4" union (FMSI # 3005)

10mm union (FMSI # 3059)

3/16" Tube 10mm (long nut) (FMSI # 3059)

## INVERTED / STANDARD STEEL TUBING LINES

## STEEL TUBING COILS 25 - 50 - 100 FOOT



5/16"



3/8"

LENGTH	FMSI#	FMSI ARMORED #	PVF#	FMSI#	FMSI ARMORED #	PVF#
8"	K508	K508A	P508	K608	K608A	P608
12"	K512	K512A	P512	K612	K612A	P612
20"	K520	K520A	P520	K620	K620A	P620
30"	K530	K530A	P530	K630	K630A	P630
40"	K540	K540A	P540	K640	K640A	P640
51"	K551	K551A	P551	K651	K651A	P651
60"	K560	K560A	P560	K660	K660A	P660
72"	K572	K572A	P572	K672	K672A	P672
120" <sub>(coil)</sub>	K5120		P5120	K6120		P6120

5/16" union (FMSI # 3007)

3/8" union (FMSI # 3018)



BRAKE LINE TUBING DUAL WALL

FMSI#	SIZE
C3	3/16" x 25'
C3-50	3/16" x 50'
C3-100	3/16" x 100'
C4	1/4" x 25'
C4-100	1/4" x 100'
C7	6mm x 25'



STEEL TUBING

FMSI#	SIZE
C5	5/16" x 25'
C6	3/8" x 25'



PVF BRAKE LINE TUBING DUAL WALL

PVF#	SIZE
P3	3/16" x 25'
P3-50	3/16" x 50'
P3-100	3/16" x 100'
P4	1/4" x 25'

STEEL TUBING

PVF#	SIZE
P5	5/16" x 25'
P6	3/8" x 25'

## BUBBLE FLARE BRAKE LINES

## 8" MASTER CYLINDER ADAPTER LINES



DOMESTIC/EUROPEAN 3/16" Tube - 10mm



US THREAD BRITISH 3/16" Tube



6mm Tube

LENGTH	FMSI#	FMSI ARMORED #	PVF#	FMSI#	FMSI#
8"	KMB8	KMB8A	PKMB8	KB8	61208
12"	KMB12	KMB12A	PKMB12	KB12	61212
20"	KMB20	KMB20A	PKMB20	KB20	61220
30"	KMB30	KMB30A	PKMB30	KB30	61230
40"	KMB40	KMB40A	PKMB40	KB40	61240
51"	KMB51	KMB51A	PKMB51	KB51	61251
60"	KMB60	KMB60A	PKMB60	KB60	61260
72"	KMB72	KMB72A	PKMB72	KB72	61272
84"	KMB84	KMB84A	PKMB84		
120" <sub>(coil)</sub>	KMB120		PKMB120		

10mm union (FMSI #3044)

3/8" - 24 union (FMSI #3047)

12mm X 1.0 union (FMSI #4238)

FMSI #	TUBE	THREAD 1	THREAD 2	HEX/COLOUR
913-001	1/4	7/16	7/16	gold
913-002	3/16	7/16	7/16	red
913-003	3/16	1/2	1/2	black
913-004	3/16	1/2	1/2	green
913-005	1/4	9/16	9/16	blue
913-006	3/16	9/16	9/16	olive
3026416	1/4 invert	1/2	1/2	gold
3028316	3/16 invert	3/8 - 24	10 mm bubble	olive
30283040	3/16	10 mm bubble	11 mm bubble	orange
30283041	3/16	10 mm bubble	12 mm X 1.0 bubble	orange
30283042	3/16	10 mm bubble	13 mm X 1.5 bubble	green
3040316	3/16	3/8 - 24	11 mm X 1.5 bubble	orange
3041316	3/16	3/8 - 24	12 mm X 1.0 bubble	blue
3042316	3/16	3/8 - 24	13 mm X 1.5 bubble	green
3043316	3/16	3/8 - 24	10 mm X 1.0 invert	blue
3413416	1/4	7/16 -24	12 mm X 1.0 bubble	olive

## STEEL TUBING ARMOR 96"

## 6 mm 8" ADAPTER LINES



8 Foot Lengths

K396	3/16 x 96"	K596	5/16 x 96"
K496	1/4 x 96"	K696	3/8 x 96"

60812	6 mm	12 mm bubble	12 mm X 1.5 bubble	olive
60814	6 mm	12 mm bubble	14 mm X 1.5 bubble	black