

# INVERTED FLARE

BRASS FITTINGS

## INVERTED FLARE FITTINGS



Tube O.D.	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Thread O.D. threads per inch	5/16-28	3/8-24	7/16-24	1/2-20	5/8-18	11/16-18	3/4-18	7/8-18	1-1/16-16	1-3/16-16	1-5/16-16

### •Typical Application

Hydraulic brake, power steering, fuel lines and transmission cooler lines, LP and natural gas.

### •Working Pressure Ranges

Temperature and type of tubing used are important factors. However, the following table is a

PSI	Tube O.D. (in.)	Tube Wall (in.)
2800	1/8	.030
1900	3/16	.030
1400	1/4	.030
1200	5/16	.032
1000	3/8	.032
750	1/2	.032
650	5/8	.035
550	3/4	.035

good guide for proper selection. Temperature 73°F with copper tubing:

### •Vibration

Excellent resistance.

### •Temperature Range

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

### •Used With

Copper, brass, aluminum and steel hydraulic tubing that can be flared.

### •Advantages

Very low cost and reusable. Seats and threads are internal and protected. Compact, excellent vibration life. Short nut affords very close tube bends. Steel or brass

tube nut.

### •Tolerance

+/- .03 on all dimensions.

### •Conformance

Meets specifications and standards of ASA, ASME, SAE and MS (Military Standards).

### •Assembly Instructions

- 1-Cut tubing to desired length. Make sure all burrs are removed and the ends are cut square.
- 2- Slide nut on tube. Threaded end "A" of nut must face out.
- 3- Flare end of tube with a 45° flaring tool.
  - a- Measure flare diameter.
  - b- Examine flare for excessive thin out.
  - c- On thin wall, welded or brazed tubing, use double flare to prevent pinch-off and cracked flares.
- 4- Lubricate threads and assemble to fitting body. Nut should be turned hand tight.

### STANDARD METRIC THREADS

Description Tube Size	Thread O.D.	Crest (Pitch)	Thread Description
Japanese 3/16"	10mm	1.0mm	M10 x 1.0
European 3/16"	10mm	1.0mm	M10 x 1.0
GM 6mm	12mm	1.0mm	M12 x 1.0
Fuel 5/16"	14mm	1.5mm	M14 x 1.5
Fuel 3/8"	16mm	1.5mm	M16 x 1.5

**Measuring Metric Threads:** Measure the O.D. of the threads and the crest to crest distance (pitch) in millimeters between threads.

Actual O.D. of male inverted flare threads

5/16"-28 2800 PSI    3/8"-24 1900 PSI    7/16"-24 1400 PSI    1/2"-20 1200 PSI    5/8"-18 1000 PSI

3/4"-18 750 PSI

7/8"-18 650 PSI

1-1/16"-16 550 PSI

1/8"

3/16"

1/4"

5/16"

3/8"

1/2"

5/8"

3/4"

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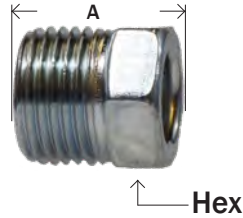
BRASS

**INVERTED FLARE**

## BRASS FITTINGS

**ZINC CHROMATE STEEL NUT**

SAE# 040110



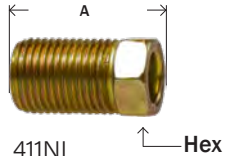
41IFS  
41INS  
04340

MIDLAND	AMC	CHAMPION	LIST	SIZE	MAF #	MAF PRICE
12001	04340-02	41IS-2		1/8"	41IFS-2	...
12002	04340-03	41IS-3		3/16"	41IFS-3	...
12018	04335-0304			3/16"	MA105X3X4	...
12003	04340-04	41IS-4		1/4"	41IFS-4	...
12004	04340-05	41IS-5		5/16"	41IFS-5	...
12005	04340-06	41IS-6		3/8"	41IFS-6	...
12000		41IS-7		7/16"	41IFS-7	...
12011		41IS-67		3/8"	MA105X6X7	...
12006	04340-08	41IS-8		1/2"	41IFS-8	...
12007	04340-10	41IS-10		5/8"	41IFS-10	...
12008	04340-12	41IS-12		3/4"	41IFS-12	...
12083				7/8"	41IFS-14	...
12084				1"	41IFS-16	...

121XXX 2105 411FS 105 41W

**LONG STEEL NUT**

FOR DOMESTIC LINES



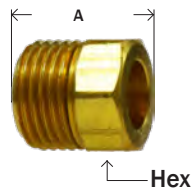
411NL  
04330

MIDLAND	AMC	CHAMPION	LIST	SIZE	MAF #	MAF PRICE
12009	04330-03	41ISL-3		3/16"	41IFS-3L	...
12010	04330-04	41ISL-4		1/4"	41IFS-4L	...

7896

**INVERTED FLARE BRASS NUT**

SAE# 040110



411FB  
411NB  
04341

MIDLAND	AMC	CHAMPION	LIST	SIZE	MAF #	MAF PRICE
12012	04341-02	411B-2		1/8"	411FB-2	
12013	04341-03	411B-3		3/16"	411FB-3	...
12014	04341-04	411B-4		1/4"	411FB-4	...
12015	04341-05	411B-5		5/16"	411FB-5	...
12016	04341-06	411B-6		3/8"	411FB-6	...
12017	04341-08	411B-8		1/2"	411FB-8	...
12019	04341-10	411B-10		5/8"	411FB-10	...
				3/4"	411FB-12	...
				1"	411FB-16	...

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# INVERTED FLARE

## BRASS FITTINGS

ZINC STEEL METRIC TUBE NUTS - SEE OUR WEBSITE FOR BRAKE LINES AND TUBING

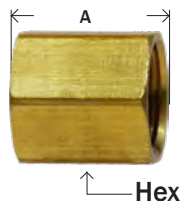


PART #	TUBESIZE	THREAD	REF#	
12260	3/16 British	3/8-24 Bubble	---	----
12261	3/16 European	M10 x 1.0 Bubble	276110	----
12262	3/16 Japanese	M10 x 1.0 Inv.	121050	----
12263	3/16 Domestic	1/2 x 20 Inv.	---	----
12264	3/16 Domestic	9/16 - 18 Inv.	121039	----
12266	3/16 Imported	M12 x 1.0 Bubble	276012	----
12268	1/4 Domestic	9/16 x 18 Inv.	121049	----
12269	1/4 Domestic	1/2 x 20 Inv.	121045	----
12270	6mm Imported	M12 x 1.0 Bubble		----
12274	5/16 Domestic	M14 x 1.5 Surface Seal	121069	----
12275	3/8 Domestic	M16 x 1.5 Surface Seal	121070	----

2100 411F 100 411B

# UNION INTERNAL

SAE# 040101



421F  
421N  
04342

MIDLAND	AMC	CHAMPION	LIST	INV. FLARE X INV. FLARE	MAF #	MAF PRICE
12022	04342-02	421-2		1/8"	2302X2	
				1/8"	421F-2	
12023	04342-03	421-3		3/16"	2302X3	...
				3/16"	421F-3	...
12024	04342-04	421-4		1/4"	2302X4	...
				1/4"	421F-4	...
12025	04342-05	421-5		5/16"	2302X5	...
				5/16"	421F-5	...
12026	04342-06	421-6		3/8"	2302X6	...
				3/8"	421F-6	...
12027	04342-08	421-8		1/2"	2302X8	...
				1/2"	421F-8	...
12028				5/8"	2302X10	...
				3/16" X 1/8"	421FR-32	...
				1/4" X 3/16"	421FR-43	...
				5/16" X 3/16"	421FR-53	...
				5/16" X 1/4"	421FR-54	...
				3/8" X 1/4"	421FR-64	...
				3/8" X 5/16"	421FR-65	...

302 2300 421FHD

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BRASS

**INVERTED FLARE**

## BRASS FITTINGS

**FEMALE ADAPTER**

SAE# 040103

46IFHD 252 46W

46IN  
46IN  
04346

MIDLAND	AMC	CHAMPION	LIST	INV. FLARE X FEMALE NPTF	MAF #	MAF PRICE
12029				1/8" x 1/8"	46IF-22	...
12032	04346-0302	46I-3A		3/16" x 1/8"	46IF-32	...
12033	04346-0402	46I-4A		1/4" x 1/8"	46IF-42	...
12030	04346-0404			1/4" x 1/4"	46IF-44	...
12034	04346-0502	46I-5A		5/16" x 1/8"	46IF-52	...
12035	04346-0604	46I-6B		3/8" x 1/4"	46IF-64	...
				3/8" x 3/8"	46IF-66	...
12031	04346-0704			7/16" x 1/4"	46IF-74	...
12037				1/2" x 1/4"	46IF-84	...
12036	04346-0806	46I-8C		1/2" x 3/8"	46IF-86	...
12039	04346-1008			5/8" x 1/2"	46IF-108	...
12099	04346-1212			3/4" x 3/4"	46IF-1212	...

**MALE ADAPTER**

SAE# 040102

48IN  
48IF  
04348

MIDLAND	AMC	CHAMPION	LIST	INV. FLARE X MALE NPTF	MAF #	MAF PRICE
12041	04348-0202	48I-2A		1/8" x 1/8"	48IF-22	
12042	04348-0302	48I-3A		3/16" x 1/8"	48IF-32	...
12053	04348-0304			3/16" x 1/4"	48IF-34	...
12043	04348-0402	48I-4A		1/4" x 1/8"	2202X4	...
				1/4" x 1/8"	48IF-42	...
12044	04348-0404	48I-4B		1/4" x 1/4"	2234X4	...
				1/4" x 1/4"	48IF-44	...
				1/4" x 3/8"	48IF-46	...
12045	04348-0502	48I-5A		5/16" x 1/8"	2200X5	...
				5/16" x 1/8"	2202X5	...
				5/16" x 1/8"	48IF-52	...
12046	04348-0504	48I-5B		5/16" x 1/4"	48IF-54	...
12055	04348-0506			5/16" x 3/8"	48IF-56	...
12047	04348-0602	48I-6A		3/8" x 1/8"	48IF-62	...
12048	04348-0604	48I-6B		3/8" x 1/4"	2202X6	...
				3/8" x 1/4"	48IF-64	...
12049	04348-0606	48I-6C		3/8" x 3/8"	2236X6	...
				3/8" x 3/8"	48IF-66	...
12104	04348-0704			7/16" x 1/4"	48IF-74	...
12038	04348-0804	48I-8B		1/2" x 1/4"	48IF-84	...
12050	04348-0806	48I-8C		1/2" x 3/8"	2202X8	...
				1/2" x 3/8"	48IF-86	...
				1/2" x 1/2"	2202X8X8	...
12051	04348-0808	48I-8D		1/2" x 1/2"	48IF-88	...
12052	04348-1008	48I-10D		5/8" x 1/2"	48IF-108	...
				5/8" x 3/4"	48IF-1012	...
12105	04348-1208			3/4" x 1/2"	48IF-128	...
12040	04348-1212	48I-12E		3/4" x 3/4"	48IF-1212	...
12107	04348-1608			7/8" x 3/4"	48IF-1412	...
12108	04348-1616			1" x 3/4"	48IF-1612	...
				1" x 1"	48IF-1616	...

Dimension data can change without notice. Please call when dimensions are critical.

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2200 48IFHD 202 48W 200

# INVERTED FLARE

## BRASS FITTINGS

### MALE INVERTED FLARE UNIONS



MIDLAND	AMC	CHAMPION	LIST	SIZE	MAF #	MAF PRICE
				1/4" x 3/16"	22IFS-43	
				5/16" x 3/16"	22IFS-53	...
				5/16" x 1/4"	22IFS-54	...
				3/8" x 1/4"	22IFS-64	...
				3/8" x 5/16"	22IFS-65	...

### ELBOW

SAE# 040202



491N  
491F  
04349

MIDLAND	AMC	CHAMPION	LIST	INV. FLARE X MALE NPTF	MAF #	MAF PRICE
12057	04349-0202	49I-2A		1/8" x 1/8"	49IF-22	
12058	04349-0302	49I-3A		3/16" x 1/8"	49IF-32	...
12059	04349-0402	49I-4A		1/4" x 1/8"	2402X4	...
				1/4" x 1/8"	49IF-42	...
12054*				1/4" x 1/8"	49IFRH-42	...
12060	04349-0404	49I-4B		1/4" x 1/4"	49IF-44	...
12061	04349-0502	49I-5A		5/16" x 1/8"	49IF-52	...
12062	04349-0504	49I-5B		5/16" x 1/4"	49IF-54	...
12082	04394-0506			5/16" x 3/8"	49IF-56	...
12063	04349-0602	49I-6A		3/8" x 1/8"	49IF-62	...
12064	04349-0604	49I-6B		3/8" x 1/4"	2402X6	...
				3/8" x 1/4"	49IF-64	...
12065	04349-0606	49I-6C		3/8" x 3/8"	49IF-66	...
12114	04349-0804	49I-8B		1/2" x 1/4"	49IF-84	...
12066	04349-0806	49I-8C		1/2" x 3/8"	49IF-86	...
12067	04349-0808	49I-8D		1/2" x 1/2"	49IF-88	...
12056	04349-1006	49I-10C		5/8" x 3/8"	49IF-106	...
12068	04349-1008	49I-10D		5/8" x 1/2"	49IF-108	...
12069	04349-1208			3/4" x 1/2"	49IF-128	...
				3/4" x 3/4"	49IF-1212	...
12080	04394-1412			7/8" x 3/4"	49IF-1412	...
12081	04394-1616			1" x 1"	49IF-1616	...

\*Restricted pipe end .062

400 2400 2491FHD 402 2491F 49W

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BRASS

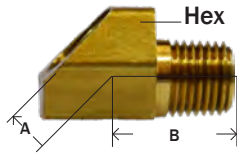


**INVERTED FLARE**

## BRASS FITTINGS

**45° ELBOW**

SAE# 040302



591F  
941N  
04394

MIDLAND	AMC	CHAMPION	LIST	INV. FLARE X MALE NPTF	MAF #	MAF PRICE
12070	04394-0202			1/8" x 1/8"	591F-22	...
12072	04394-0302	94I-3A		3/16" x 1/8"	591F-32	...
12073	04394-0402	94I-4A		1/4" x 1/8"	591F-42	...
12074	04394-0502	94I-5A		5/16" x 1/8"	591F-52	...
12075	04394-0504	94I-5B		5/16" x 1/4"	591F-54	...
12115	04394-0602			3/8" x 1/8"	591F-62	...
12076	04394-0604	94I-6B		3/8" x 1/4"	591F-64	...
12077	04394-0806	94I-8C		1/2" x 3/8"	591F-86	...
12079	04394-1008	94I-10D		5/8" x 1/2"	591F-108	...

154 2352 2591FHD 352 94W

**UNION TEE**

SAE# 040401



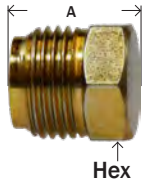
441F  
441N  
04344

MIDLAND	AMC	CHAMPION	LIST	SIZE	MAF #	MAF PRICE
12085	04344-02			1/8"	441F-2	
12086	04344-03	44I-3		3/16"	441F-3	...
12087	04344-04	44I-4		1/4"	441F-4	...
12088	04344-05	44I-5		5/16"	441F-5	...
12089	04344-06	44I-6		3/8"	441F-6	...
12090	04344-08	44I-8		1/2"	441F-8	...
				7/8"	441F-14	...

2441FHD 702 44I

**STEEL PLUG**

SAE# 040109



391N  
391F  
04399



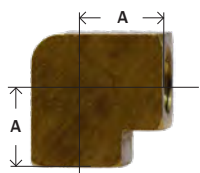
STEEL						
MIDLAND	AMC	CHAMPION	LIST	SIZE	MAF #	MAF PRICE
12091	04339-03	41IP-3		3/16"	391F-3	...
12092	04339-04	41IP-4		1/4"	391F-4	...
12093	04339-05	41IP-5		5/16"	391F-5	...
12094	04339-06	41IP-6		3/8"	391F-6	...
BRASS						
12095				3/8"	391FB-6	...
12096				1/2"	391FB-8	...
12097				5/8"	391FB-10	...
12098				3/4"	391FB-12	...

▪ cored

106 41IP 131 2131

**FEMALE ELBOW**

SAE# 040203



501F  
501N  
04350

MIDLAND	AMC	CHAMPION	LIST	INV. FLARE X FEMALE NPTF	MAF #	MAF PRICE
	04350-0320	50I-3A		3/16" x 1/8"	501F-32	
12110	04350-0402	50I-4A		1/4" x 1/8"	501F-42	
12111	04350-0502	50I-5A		5/16" x 1/8"	501F-52	...
12112	04350-0604	50I-6B		3/8" x 1/4"	501F-64	...
				1/2" x 3/8"	501F-86	...

450

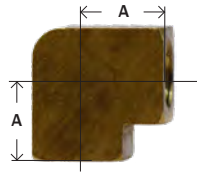
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## BRASS FITTINGS

### UNION ELBOW INV. FL X INV. FL

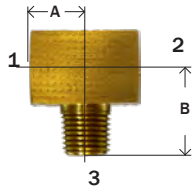
SAE# 040203



MIDLAND	AMC	CHAMPION	LIST	INV. FLARE X FEMALE NPTF	MAF #	MAF PRICE
12415	04355-04			1/4	55IF-4	
				5/16	55IF-5	
	04355-06			3/8	55IF-6	
				1/2	55IF-8	

### MALE BRANCH TEE

SAE# 040425



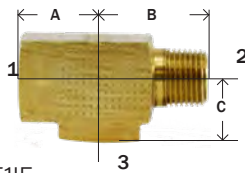
451F  
451N  
04345

MIDLAND	AMC	CHAMPION	LIST	INV. FLARE X MALE NPTF (1&2)X3	MAF #	MAF PRICE
12100	04345-0302	54I-3A		3/16" x 1/8"	451F-32	...
12101	04345-0402	54I-4A		1/4" x 1/8"	451F-42	...
12102	04345-0502	54I-5A		5/16" x 1/8"	451F-52	...
12103	04345-0604	54I-6B		3/8" x 1/4"	451F-64	...

145 245IFHD 602 2600 600

### MALE RUN TEE

SAE# 040424



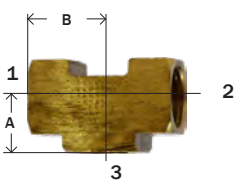
511F  
511N  
04351

MIDLAND	AMC	CHAMPION	LIST	INV. FLARE X MALE NPTF (1&3)X2	MAF #	MAF PRICE
12118	04351-0302	51I-3A		3/16" x 1/8"	511F-32	...
12119	04351-0402	51I-4A		1/4" x 1/8"	511F-42	...
12120	04351-0502	51I-5A		5/16" x 1/8"	511F-52	...
12121	04351-0604	51I-6B		3/8" x 1/4"	511F-64	...
				1/2" x 3/8"	511F-86	...

251IFHD 752 550 151

### FEMALE BRANCH TEE

SAE# 040427

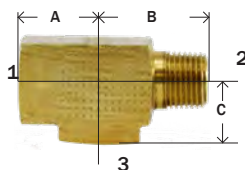


521F  
521N  
04352

MIDLAND	AMC	CHAMPION	LIST	INV. FLARE X FEMALE NPTF (1&2)X3	MAF #	MAF PRICE
12127		52I-3A		3/16" x 1/8"	521F-32	
12128				1/4" x 1/8"	521F-42	
12129	04352-0502			5/16" x 1/8"	521F-52	...
12130	04352-0604			3/8" x 1/4"	521F-64	...
				1/2" x 3/8"	521F-86	...
				1/2" x 1/2"	521F-88	...

252IFHD 652 136

### FIPXMIPXINV FL TEE



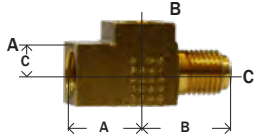
MIDLAND	AMC	CHAMPION	LIST	FIP X MIP X INV FL. SIZE	MAF #	MAF PRICE
				1/8" x 1/8" x 3/16"	53IF-32	
				1/8" x 1/8" x 1/4"	53IF-42	

**WARNING:** This product can expose you to chemicals, including lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



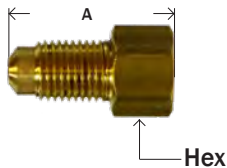
**INVERTED FLARE**

## BRASS FITTINGS

**TOWED TRAILER BRAKE TEE**

127BT

MIDLAND	AMC	CHAMPION	REF #	LIST	INVERTED SEAT	INV SEAT	MALE THREAD	MAF #	MAF PRICE
12147	08603	127BT-3	7900		3/16" 0.57	3/16" 0.76	3/16" 0.42	MA7900	...
12145	08608		7906		3/16" (1/2-20) 0.68	3/16" (3/8-24) 0.94	3/16" (1/2-20) 0.47	MA7906	...
12148	08605		7933		3/16" (9/16-18)	3/16" (3/8-24)	3/16" (9/16/18)	MA7933	...
12144	08607		7905		3/16" (9/16-20) 0.82	3/16" (3/8-24) 0.94	3/16" (9/16-20) 0.47	MA7905	...
12146	08609		7914		3/16" (7/16-24) 0.54	3/16" (3/8-24) 0.78	1/4" (7/16-24) 0.42	MA7914	...
12150	08604	127BT-4	7901		1/4" 0.56	3/16" 0.77	1/4" 0.43	MA7901	...
12149	08606		7904		1/4" (9/16-18) 0.81	3/16" (3/8-24) 0.93	1/4" (9/16-18) 0.50	MA7904	...
12151	08601	127BT-1	7898		1/4" 0.56	1/4" 0.77	1/4" 0.43	MA7898	...

**INVERTED FLARE AUTO FITTINGS****DUAL MASTER CYLINDER ADAPTER**

MIDLAND	AMC	CHAMPION	LIST	MALE FLARE X FEMALE INV.	MAF #	MAF PRICE
12200				3/16" x 3/16"	MA1441	...
12202				5/16" x 3/16"	MA7897	...

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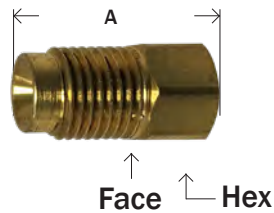




# INVERTED FLARE

## BRASS FITTINGS

### DUAL MASTER CYLINDER ADAPTER



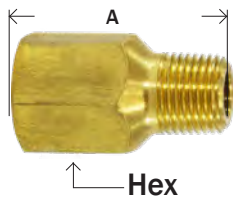
48STA  
6641N  
6011N

\* Seals on hex face

MIDLAND	AMC	CHAMPION	REF#	LIST	MALE INVERTED THREAD	FEMALE INVERTED THREAD	MAF #	MAF PRICE
12206	08664-090918		7911		3/16(9/16-18)	3/16	MA7911	...
12209	08664-0809		7913		3/16(9/16-18)	3/16(1/2-20)	MA7913	...
12207	08664-030920		7910		3/16(9/16-20)	3/16	MA7910	...
12210	08661-0403	47I-43	7828		3/16	1/4	MA7828	...
12212	08661-0304	47I-34	7818		1/4	3/16	MA7818	...
12214*	08683	47I-47-HEX	7732		7/16-20	1/4	MA7732	...
12211	08664-0409		7908		1/4(9/16-18)	1/4	MA7908	...
12215	08661-0504		7917		1/4	5/16	MA7917	...
12213*	08681		7817		5/16	3/16	MA7817	...
12216	08661-0305	47I-35	7909		5/16	3/16	MA7909	...
12208	08664-0908	7912	7912		5/16	3/16(9/16-18)	MA7912	...
12218*	08684	47I-45-HEX	7727		5/16	1/4	MA7727	...
12220	08661-0405	47I-45	7829		5/16	1/4	MA7829	...
12222*	08685	47I-55-HEX	1074		5/16	5/16	MA1074	...
12221	08661-0506	47I-65	7915		5/16	3/8	MA7915	...
12224			7771		3/8" NPTF	5/16	MA7771	...
12217	08661-0605	47I-56	7916		3/8	5/16	MA7916	...

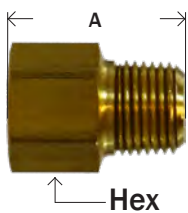
47W

### CARBURETOR TO FUEL LINE ADAPTER - FORD



MIDLAND	AMC	CHAMPION	LIST	FEMALE TUBE OD X MALE NPTF	MAF #	MAF PRICE
12230				1/4"(1/2-20) x 1/8"	MA1513	

### RESTRICTION PIPE ADAPTER (.0625 ORIFICE)



MIDLAND	AMC	CHAMPION	REF#	LIST	SIZE FIP X MIP	MAF #	MAF PRICE
12310			1512		1/8"	MA1512	

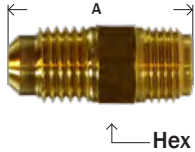
Dimension data can change without notice. Please call when dimensions are critical.

**INVERTED FLARE**

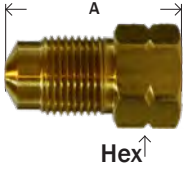
## BRASS FITTINGS

**SAE FLARE X INVERTED FLARE**

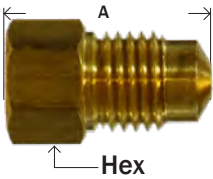
4205



MIDLAND	AMC	CHAMPION	REF #	LIST	SAE FLARE X INV. FLARE	MAF #	MAF PRICE
12250		04MF-04MI	1518		1/4" x 3/16"	MA1518	----
12252			1522		1/4" x 1/4"	MA1522	----
12254		06MF-06MI	1553		3/8" x 5/16"	MA1553	----
12256			1563		3/8" x 3/8"	MA1563	----
12257			1554		3/8" x 7/16"	MA1554	----

**METRIC HYDRAULIC BRAKE FITTINGS****METRIC ADAPTER**

MIDLAND	AMC	CHAMPION	REF #	LIST	TUBE O.D./ FEMALE THREAD	MAF #	MAF PRICE
12335			1442		3/16"(3/8-24)	MA1442	...
12326			7935		3/16"(M10x1.0)	MA7935	...
12327			7936		3/16"(M10x1.0)	MA7936	...
12328			7937		3/16"(M10x1.0)	MA7937	...

**ADAPTER STANDARD TO METRIC BUBBLE**

MIDLAND	AMC	CHAMPION	REF #	LIST	FEMALE INV. FLARE SEAT	MALE METRIC BUBBLE FLARE	MAF #	MAF PRICE
12336			7973		3/16" (3/8-24)	11x1.5	MA7973	...
12337			7970		3/16" (3/8-24)	(3/16") (10x1.25)	MA7970	...
12339			7972		3/16" (3/8-24)	13x1.5	MA7972	...
12341			7974		3/16" (3/8-24)	12x1.0	MA7974	...

**FEMALE X MALE ADAPTERS**

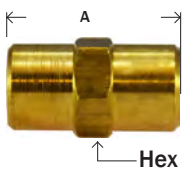
MIDLAND	LIST	FEMALE STANDARD FLARE SEAT	MALE BUBBLE FLARE	MAF #	MAF PRICE
12330		3/8-24 (3/16)	7/16-20	MA1330	...



MIDLAND	REF #	LIST	TUBE OD/ FEMALE THREAD	INVERTED MALE THREAD	MAF #	MAF PRICE
12205	1443		3/16 (3/8-24)	M10 x 1.0	MA1443	



MIDLAND	LIST	FEMALE STANDARD FLARE	INVERTED MALE THREAD	MAF #	MAF PRICE
12329		3/8-24 (3/16)	M9 x 1.0	MA1329	

**METRIC UNION**

MIDLAND	REF #	LIST	SIZE	MAF #	LIST
12342	1594		British Brake Lines 3/16 (3/8-24 Bubble)	MA1594	
12343	7975		European Brake Lines 3/16"(10.0MM)	MA7975	...
12344	7934A		Japanese Brake Lines 3/16 (M10 x 1.0) Inverted	MA7934A	...
12345			GM Brake Lines 6mm M12 x 1.0 Bubble	MA2345	...

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