

# HOSE BARB FITTINGS



**MADE**  
IN THE USA



**Temperature and Working Pressure Ranges**

From -40°F to + 160°F at 150 PSI maximum.

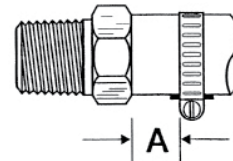
**Tolerance**

+/- .02 on all dimensions. Dimension Data can change without notice. Please call us when dimensions are critical.

**Note:** These fittings are intended for use with hose clamp, similar type clamp or a crimped ferrule.

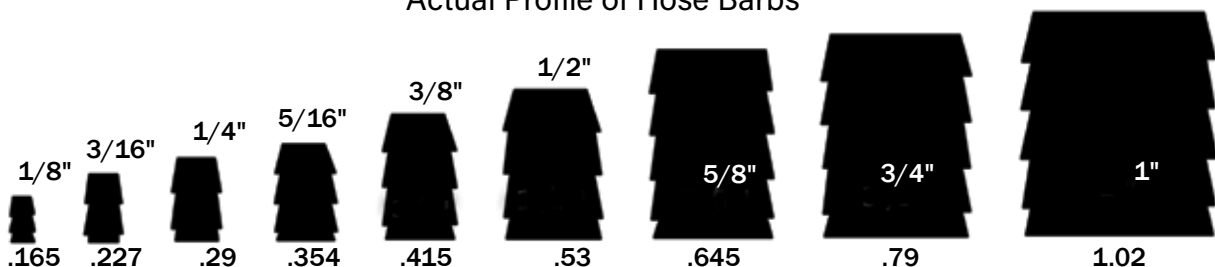
**Assembly Instructions**

- 1- Cut hose cleanly and squarely to length.
- 2- Slide clamp on hose.
- 3- Lubricate hose. Push hose on fitting until hose bottoms against stop ring or hex.
- 4- Position hose clamp as shown below and secure with a screwdriver or wrench. Maintain "A" dimension noted below for proper clamp positioning.



HOSE SIZE	A
3/16"	1/4"
1/4"	1/4"
5/16"	1/4"
3/8"	1/8"
1/2"	1/8"
5/8"	1/8"
3/4"	1/8"

Actual Profile of Hose Barbs



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# HOSE BARB

BRASS FITTINGS

MADE IN THE USA

## RIGID MALE ADAPTER

- These are not Lead Free



PGH = SAE Pattern

07001  
29  
129

MAF #	REF #	HOSE I.D. X MALE NPTF	A	B	HEX	APPROX. WT. LBS.	LIST
29-10	32950	1/16" x 10/32"	0.90	0.45	0.38	0.01	12.53
29-11	32951	1/16" x 1/16"	0.91	0.48	0.38	0.01	12.04
29-20	32912	1/8" x 10/32"	0.92	0.48	0.38	0.01	10.18
29-21	32300	1/8" x 1/16"	0.93	0.48	0.38	0.01	9.46
29-22	32001	1/8" x 1/8"	1.19	0.69	0.43	0.02	2.47
29-24	32027	1/8" x 1/4"	1.16	0.46	0.56	0.02	1.95
29-31	32952	3/16" x 1/16"	1.20	0.75	0.38	0.02	10.12
29-32	32002	3/16" x 1/8"	1.19	0.75	0.43	0.02	1.66
29-34	32003	3/16" x 1/4"	1.37	0.69	0.56	0.04	3.00
29-36	32953	3/16" x 3/8"	1.44	0.69	0.68	0.04	6.76
29-41	32301	1/4" x 1/16"	1.44	0.88	0.43	0.02	5.00
29-42	32004	1/4" x 1/8"	1.47	0.97	0.43	0.02	1.39
PGH4X2		1/4" x 1/8"					1.90
29-44	32005	1/4" x 1/4"	1.72	0.97	0.56	0.04	1.66
PGH4X4		1/4" x 1/4"					2.35
29-46	32006	1/4" x 3/8"	1.72	0.97	0.68	0.05	2.92
29-48	32007	1/4" x 1/2"	1.72	0.81	0.87	0.10	4.52
29-412	32954	1/4" x 3/4"	1.86	0.96	1.06	0.15	6.77
29-52	32008	5/16" x 1/8"	1.47	0.97	0.43	0.02	1.41
29-54	32009	5/16" x 1/4"	1.72	0.97	0.56	0.04	1.94
PGH5X4		5/16" x 1/4"					3.08
29-56	32010	5/16" x 3/8"	1.76	0.97	0.68	0.06	3.22
29-58		5/16" x 1/2"					4.36
29-512		5/16" x 3/4"					7.41
29-62	32011	3/8" x 1/8"	1.53	0.97	0.56	0.03	1.93
29-64	32012	3/8" x 1/4"	1.75	0.97	0.56	0.05	1.71
PGH6X4		3/8" x 1/4"					2.19
29-66	32013	3/8" x 3/8"	1.72	0.96	0.68	0.06	2.38
PGH6X6		3/8" x 3/8"					3.05
29-68	32014	3/8" x 1/2"	1.87	0.97	0.87	0.09	4.43
PGH6X8		3/8" x 1/2"					5.52
29-612	32026	3/8" x 3/4"	1.97	0.97	1.06	0.16	5.92
29-74	32956	7/16" x 1/4"	1.75	0.97	0.56	0.05	5.90
29-76	32957	7/16" x 3/8"	1.73	0.97	0.70	0.07	7.75
29-78	32958	7/16" x 1/2"	1.87	0.97	0.88	0.10	9.75
29-82	32302	1/2" x 1/8"	1.57	0.95	0.56	0.06	4.22
29-84	32015	1/2" x 1/4"	1.72	0.97	0.56	0.04	2.65
PGH8X4		1/2" x 1/4"					3.19
29-86	32016	1/2" x 3/8"	1.76	0.97	0.68	0.07	2.76
PGH8X6		1/2" x 3/8"					3.57
29-88	32017	1/2" x 1/2"	1.87	0.96	0.87	0.11	4.21
PGH8X8		1/2" x 1/2"					5.66
29-812	32018	1/2" x 3/4"	1.94	0.97	1.06	0.16	5.96
29-816	32303	1/2" x 1"	2.31	0.99	1.37	0.33	15.75
29-104	32304	5/8" x 1/4"	1.67	0.92	0.68	0.06	5.17
29-106	32019	5/8" x 3/8"	1.76	0.97	0.68	0.08	3.19
PGH10X6		5/8" x 3/8"					4.42
29-108	32020	5/8" x 1/2"	1.87	0.96	0.87	0.11	4.64
PGH10X8		5/8" x 1/2"					6.35

4244 PGH 101 102 201A 125HBL 105B-1 KF-PS MPB

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# HOSE BARB

BRASS FITTINGS

MADE IN THE USA

## RIGID MALE ADAPTER - CONTINUED



MAF #	REF #	HOSE I.D. X MALE NPTF	A	B	HEX	APPROX. WT. LBS.	LIST
29-1012	32021	5/8" x 3/4"	1.87	0.96	1.06	0.14	6.76
PGH10X12		5/8" x 3/4"					9.10
29-1016	32305	5/8" x 1"	2.31	0.96	1.37	0.36	18.86
29-124	32915	3/4" x 1/4"	1.64	0.87	0.81	0.11	20.30
29-126	32306	3/4" x 3/8"	1.65	0.87	0.81	0.12	6.49
29-128	32022	3/4" x 1/2"	1.87	0.96	0.87	0.14	5.30
PGH12X8		3/4" x 1/2"					6.35
29-1212	32023	3/4" x 3/4"	1.87	0.96	1.06	0.15	6.94
PGH12X12		3/4" x 3/4"					8.27
29-1216	32316	3/4" x 1"	2.55	1.15	1.37	0.38	13.90
29-166		1" x 3/8"					47.56
29-168	32307	1" x 1/2"	1.80	0.87	1.06	0.18	11.80
29-1612	32024	1" x 3/4"	2.19	1.19	1.06	0.32	9.22
29-1616	32025	1" x 1"	2.48	1.19	1.37	0.39	15.16
29-1620		1" x 1-1/4"					38.92
29-2012	32029	1-1/4" x 3/4"	2.37	1.19	1.37	0.35	22.60
29-2016	32028	1-1/4" x 1"	2.55	1.19	1.37	0.46	18.10
29-2020		1-1/4" x 1-1/4"					35.77

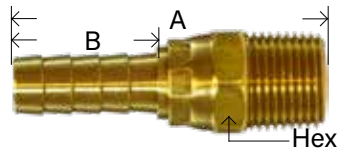
## BRASS RIGID MALE BSPT BARB ADAPTER



29SWV  
29MS

MAF #	REF #	HOSE I.D. X MALE BSPT	LIST
29BSPT-42	32450	1/4" x 1/8"	4.72
29BSPT-44	32451	1/4" x 1/4"	5.26
29BSPT-64	32452	3/8" x 1/4"	5.53
29BSPT-66	32453	3/8" x 3/8"	8.58
29BSPT-68	32454	3/8" x 1/2"	9.31
29BSPT-86	32455	1/2" x 3/8"	9.04
29BSPT-88	32456	1/2" x 1/2"	9.22
29BSPT-1212	32457	3/4" x 3/4"	13.36
29BSPT-1616	32458	1" x 1"	20.29

## SWIVEL MALE ADAPTER



Rotation 360°

07003

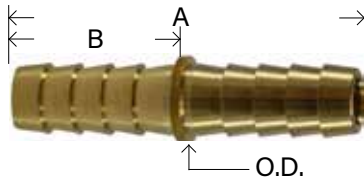
MAF #	REF #	HOSE I.D. X MALE NPTF	A	B	HEX	APPROX. WT. LBS.	LIST
29MS-32	32329	3/16" x 1/8"	2.00	0.78	0.56	0.06	6.58
29MS-34	32331	3/16" x 1/4"	1.95	0.78	0.56	0.06	6.44
29MS-42	32332	1/4" x 1/8"	2.19	0.97	0.56	0.06	6.22
29MS-44	32349	1/4" x 1/4"	2.12	0.97	0.56	0.06	5.61
29MS-46		1/4" x 3/8"					8.66
29MS-62	32351	3/8" x 1/8"	2.12	0.97	0.56	0.07	6.46
29MS-64	32201	3/8" x 1/4"	2.12	0.97	0.56	0.07	5.53
29MS-66	32360	3/8" x 3/8"	2.12	0.97	0.69	0.08	6.90
29MS-68		3/8" x 1/2"					9.13
29MS-86	32355	1/2" x 3/8"	2.12	0.97	0.68	0.10	7.27
29MS-88	32356	1/2" x 1/2"	2.33	0.97	0.87	0.14	11.29
29MS-1212	32357	3/4" x 3/4"	2.33	0.97	1.06	0.20	13.21
29MS-1616	32386	1" x 1"	2.88	1.19	1.38	0.40	77.00



**HOSE BARB**

BRASS FITTINGS

MADE IN THE USA

**MENDER/ SPLICER**07014  
29S  
129S

MAF #	REF #	HOSE I.D. X HOSE I.D.	A	B	O.D.	APPROX. WT. LBS.	LIST
29S-2	32091	1/8"	0.98	0.45	0.31	0.01	4.27
29S-3	32092	3/16"	1.62	0.77	0.36	0.02	1.99
29S-4	32093	1/4"	2.00	0.96	0.37	0.02	1.86
29SR-42	32079	1/4" x 1/8"	1.50	0.97	0.37	0.02	3.71
29S-5	32094	5/16"	2.00	0.96	0.39	0.02	1.66
29SR-54	32090	5/16" x 1/4"	2.00	0.97	0.50	0.03	3.28
29S-6	32095	3/8"	2.00	0.97	0.51	0.04	1.86
29SR-62	32960	3/8 x 1/8	1.58	1.00	0.50	0.03	4.94
29SR-63	32961	3/8 x 3/16	1.75	1.00	0.50	0.03	4.75
29SR-64	32080	3/8" x 1/4"	2.06	0.97	0.56	0.03	4.46
29SR-65	32375	3/8" x 5/16"	2.00	0.97	0.50	0.03	4.55
29S-8	32096	1/2"	2.00	0.96	0.62	0.06	2.85
29SR-84		1/2" x 1/4"					6.76
29SR-86	32087	1/2" x 3/8"	2.06	0.97	0.71	0.06	6.61
29S-10	32097	5/8"	2.05	0.96	0.75	0.08	3.73
29SR-104		5/8" x 1/4"					8.02
29SR-106	32088	5/8" x 3/8"	2.06	0.97	0.75	0.06	7.67
29SR-108	32376	5/8" x 1/2"	2.06	0.97	0.75	0.07	7.51
29S-12	32098	3/4"	2.50	1.15	0.87	0.10	5.62
29SR-126		3/4" x 3/8"					10.39
29SR-128	32089	3/4" x 1/2"	2.28	1.19	0.87	0.10	10.39
29SR-1210	32379	3/4" x 5/8"	2.02	0.96	0.87	0.10	7.33
29SR-168		1" x 1/2"					13.27
29SR-1610		1" x 5/8"					13.09
29SR-1612	32380	1" x 3/4"	2.58	1.19	1.12	0.18	12.91
29S-16	32099	1"	3.00	1.44	1.12	0.23	13.00
29S-20		1-1/4"					44.58

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# HOSE BARB

BRASS FITTINGS

MADE IN THE USA

## RIGID FEMALE ADAPTER



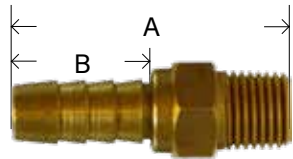
07002  
29F  
129F

MAF #	REF #	HOSE I.D. X FEMALE NPTF	A	B	HEX	APPROX. WT. LBS.	LIST
29F-22	32050	1/8" x 1/8"	0.96	0.46	0.50	0.02	2.47
29F-24	32317	1/8" x 1/4"	1.15	0.46	0.62	0.04	5.49
29F-32	32051	3/16" x 1/8"	1.10	0.68	0.50	0.02	2.15
29F-34	32062	3/16" x 1/4"	1.44	0.75	0.62	0.04	6.34
29F-42	32052	1/4" x 1/8"	1.35	0.93	0.50	0.02	2.03
29F-44	32053	1/4" x 1/4"	1.60	0.97	0.62	0.06	2.68
29F-46	32054	1/4" x 3/8"	1.65	1.03	0.75	0.04	3.46
29F-48	32441	1/4" x 1/2"	1.66	0.97	0.93	0.08	8.72
29F-52	32055	5/16" x 1/8"	1.47	0.97	0.56	0.04	4.49
29F-54	32056	5/16" x 1/4"	1.66	0.97	0.62	0.04	3.85
29F-56	32318	5/16" x 3/8"	1.66	0.97	0.75	0.06	6.14
29F-58	32320	5/16" x 1/2"	1.67	0.96	0.93	0.08	6.94
29F-62	32057	3/8" x 1/8"	1.47	0.97	0.56	0.04	2.76
29F-64	32058	3/8" x 1/4"	1.61	0.97	0.62	0.06	3.14
29F-66	32059	3/8" x 3/8"	1.63	1.00	0.81	0.08	4.09
29F-68	32063	3/8" x 1/2"	1.72	0.94	0.93	0.12	5.18
29F-82	32449	1/2" x 1/8"	1.51	0.98	0.56	0.06	5.49
29F-84	32064	1/2" x 1/4"	1.66	0.96	0.62	0.08	3.34
29F-86	32060	1/2" x 3/8"	1.66	0.97	0.75	0.08	5.59
29F-88	32061	1/2" x 1/2"	1.76	0.96	0.93	0.12	6.43
29F-812	32443	1/2" x 3/4"	1.97	0.97	1.18	0.26	15.91
29F-106	32444	5/8" x 3/8"	1.66	0.97	0.75	0.08	6.97
29F-108	32445	5/8" x 1/2"	1.66	0.97	0.93	0.10	8.82
29F-1012	32446	5/8" x 3/4"	1.97	0.97	1.18	0.21	15.79
29F-128	32447	3/4" x 1/2"	1.88	1.19	0.93	0.13	9.86
29F-1212	32065	3/4" x 3/4"	2.19	1.21	1.18	0.22	8.58
29F-1612	32049	1" x 3/4"	2.19	1.19	1.18	0.26	20.73
29F-1616	32321	1" x 1"	2.32	1.19	1.44	0.35	26.98
29F-2016	32448	1-1/4" x 1"	2.32	1.19	1.43	0.44	26.31

209A 128 29A 29F 126HB 126 FPB 105B-2 KF-RS 104 144

## HIGH VOLUME MALE SWIVEL

• 300 PSI • Nitrile Buna (NBR) O-Ring



29MS-64HF Hex



29HPS

MAF #	REF #	HOSE I.D. X MALE NPTF	A	B	HEX	APPROX. WT. LBS.	LIST
29MS-64HF	32781	3/8" x 1/4"	1.83	0.87	0.62	0.07	39.10
29HPS-44	28415	1/4" x 1/4"	1.30	0.94	0.81	0.14	37.54
29HPS-64	28417	3/8" x 1/4"					44.58

4065

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MID-AMERICA FITTINGS



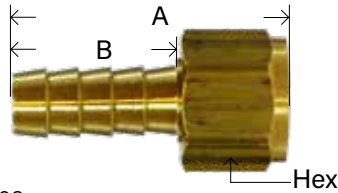
# HOSE BARB

BRASS FITTINGS

MADE IN THE USA

## SWIVEL FEMALE ADAPTER - WITH GASKET

- NPSM Thread
- National Pipe Straight Gasket Seal Swivel



07009  
29UFS  
129UFS

- Not recommend for water due to fiber gasket - for air service only.

MAF #	REF #	HOSE I.D. X FEMALE NPSM	A	B	HEX	APPROX. WT. LBS.	LIST
29UFS-22	32131	1/8" x 1/8"	0.90	0.46	0.50	0.02	8.23
29UFS-32	32132	3/16" x 1/8"	1.19	0.75	0.50	0.03	8.26
29UFS-34	32133	3/16" x 1/4"	1.28	0.75	0.62	0.04	9.13
29UFS-42	32120	1/4" x 1/8"	1.41	0.97	0.50	0.02	10.19
29UFS-44	32121	1/4" x 1/4"	1.50	0.97	0.62	0.02	3.37
29UFS-46	32129	1/4" x 3/8"	1.63	0.97	0.75	0.04	10.09
29UFS-54	32130	5/16" x 1/4"	1.50	0.97	0.62	0.04	12.68
29UFS-64	32122	3/8" x 1/4"	1.54	1.00	0.62	0.06	5.55
29UFS-66	32123	3/8" x 3/8"	1.60	0.97	0.75	0.06	10.42
29UFS-68	32354	3/8" x 1/2"	1.66	0.97	0.93	0.10	12.06
29UFS-86	32124	1/2" x 3/8"	1.60	0.97	0.75	0.08	12.63
29UFS-88	32125	1/2" x 1/2"	1.66	0.97	0.93	0.12	9.04
29UFS-812	32117	1/2" x 3/4"	1.82	1.19	1.18	0.16	12.94
29UFS-1012	32118	5/8" x 3/4"	1.82	1.19	1.18	0.18	13.87
29UFS-1212	32119	3/4" x 3/4"	1.82	1.19	1.18	0.14	9.03

130 126 29F5G KF-RN NPSM Gasket Seat

## FORGED HOSE BARB 90° ELBOW



07020  
29E  
129E

MAF #	REF #	HOSE I.D. X MALE NPTF	A	B	C	BODY SIZE	APPROX. WT. LBS.	LIST
29E-42	32038	1/4" x 1/8"	1.01	0.81	0.71	0.47	0.06	4.20
29E-44	32039	1/4" x 1/4"	1.01	0.87	0.63	0.47	0.06	6.12
29E-46	32309	1/4" x 3/8"	1.08	0.97	0.73	0.69	0.12	8.45
29E-52	32036	5/16" x 1/8"	1.01	0.81	0.63	0.47	0.04	4.80
29E-54	32040	5/16" x 1/4"	1.01	0.87	0.63	0.47	0.06	5.08
29E-56	32310	5/16" x 3/8"	1.06	0.94	0.63	0.50	0.06	7.19
29E-62	32046	3/8" x 1/8"	1.01	0.81	0.63	0.47	0.06	4.54
29E-64	32041	3/8" x 1/4"	1.02	0.88	0.65	0.47	0.06	4.54
29E-66	32042	3/8" x 3/8"	1.09	0.93	0.68	0.50	0.08	8.00
29E-68	32047	3/8" x 1/2"	1.11	1.09	0.63	0.59	0.10	7.29
29E-84	32048	1/2" x 1/4"	1.06	1.00	0.68	0.59	0.10	8.60
29E-86	32043	1/2" x 3/8"	1.06	1.09	0.69	0.59	0.10	7.62
29E-88	32311	1/2" x 1/2"	1.31	1.19	0.87	0.56	0.12	9.04
29E-106	32044	5/8" x 3/8"	1.12	1.06	0.61	0.56	0.12	8.08
29E-108	32045	5/8" x 1/2"	1.12	1.12	0.68	0.63	0.14	7.51

129 HBEI KF-PS90 HE-1 29E 146

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

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# HOSE BARB

BRASS FITTINGS

MADE IN THE USA

## BARSTOCK HOSE BARB 90° ELBOW



29EBS

MAF #	REF #	HOSE I.D. X MALE NPTF	A	B	C	BODY SIZE	APPROX. WT. LBS.	LIST
29E-42BS	32038B	1/4" X 1/8"	1.00	0.75	0.75	0.50	0.02	7.60
29E-44BS	32039B	1/4" X 1/4"	1.02	0.91	0.74	0.56	0.04	7.70
29E-46BS	32309B	1/4" X 3/8"	1.19	0.84	0.76	0.58	0.09	19.68
29E-52BS	32036B	5/16" X 1/8"	1.06	0.66	0.76	0.44	0.04	23.51
29E-54BS	32040B	5/16" X 1/4"	1.12	0.84	0.76	0.58	0.07	14.01
29E-56BS	32310B	5/16" X 3/8"	1.19	0.84	0.76	0.72	0.09	20.79
29E-62BS	32046B	3/8" X 1/8"	1.32	0.94	0.97	0.58	0.06	13.16
29E-64BS	32041B	3/8" X 1/4"	1.32	0.89	0.97	0.58	0.08	10.15
29E-66BS	32042B	3/8" X 3/8"	1.50	1.06	0.97	0.75	0.14	18.41
29E-68BS	32047B	3/8" X 1/2"	1.52	1.25	0.97	0.90	0.26	38.83
29E-84BS	32048B	1/2" X 1/4"	1.53	1.06	0.97	0.72	0.12	31.90
29E-86BS	32043B	1/2" X 3/8"	1.53	1.07	0.97	0.72	0.16	17.10
29E-88BS	32311B	1/2" X 1/2"	1.53	1.25	0.97	0.90	0.26	53.28
29E-1212BS	32314B	3/4" X 3/4"	1.33	1.27	0.97	1.10	0.32	40.35

129HB

## HOSE BARB TEES



07024

MAF #	REF #	HOSE BARB SIZE (1 & 2) X 3	A	B	BODY SIZE	APPROX. WT. LBS.	LIST
29T-4	32365 **	1/4"	1.00	1.00	0.44	0.06	5.08
29TR-442	32350 *	(1/4") x 1/8"	0.94	0.94	0.44	0.04	8.93
29T-5	32366	5/16"	1.00	1.00	0.44	0.06	5.08
29T-6	32126 **	3/8"	1.01	1.01	0.43	0.06	5.87
29TRM-664	32128 *	3/8"HB x 1/4" MIP	1.00	0.94	0.43	0.06	13.20

## 45° ELBOW



07045  
294S  
1294S

MAF #	REF #	HOSE I.D. X MALE NPTF	A	B	BODY SIZE	APPROX. WT. LBS.	LIST
2945F-42	32110	1/4" x 1/8"	0.91	0.62	0.53	0.04	6.85
2945-42BS		1/4" x 1/8"					9.49
2945-44BS	32109*	1/4" x 1/4"	1.00	0.62	0.57	0.06	9.44
2945F-54		5/16" x 1/4"					6.43
2945F-62	32111	3/8" x 1/8"	0.83	0.66	0.53	0.04	6.00
2945F-64	32112	3/8" x 1/4"	0.82	0.84	0.53	0.06	5.45
2945F-66	32113	3/8" x 3/8"	0.93	0.87	0.59	0.08	7.00
2945F-84	32346	1/2" x 1/4"	1.00	0.84	0.59	0.08	10.73
2945F-86	32114	1/2" x 3/8"	1.00	0.88	0.59	0.08	8.81
2945F-88	32116	1/2" x 1/2"	1.15	0.94	0.59	0.12	14.52
2945F-106	32115	5/8" x 3/8"	0.97	0.88	0.59	0.10	9.39

\* Barstock

140 HE145 139HB KF-PS45 13945

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MID-AMERICA FITTINGS

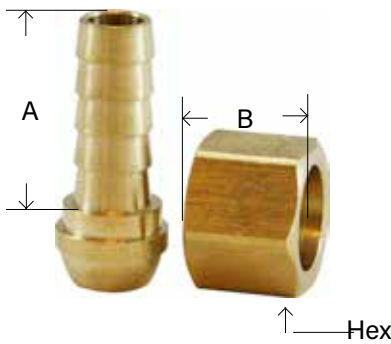


# HOSE BARB

BRASS FITTINGS

MADE IN THE USA

## BALL END SWIVEL NPSM - Ball seat type



07008  
29FS  
129FS

MAF #	REF #	HOSE I.D. X NPSM	A	B	HEX	APPROX. WT. LBS.	LIST
29FS-22	32066	1/8" x 1/8"	0.46	0.44	0.50	0.03	6.02
29FS-32	32067	3/16" x 1/8"	0.75	0.44	0.50	0.03	4.75
29FS-34	32068	3/16" x 1/4"	0.75	0.52	0.62	0.04	4.97
29FS-36	32962	3/16" x 3/8"	0.75	0.63	0.75	0.05	6.57
29FS-42	32069	1/4" x 1/8"	0.97	0.44	0.50	0.04	4.45
29FS-44	32070	1/4" x 1/4"	0.97	0.53	0.62	0.06	3.24
29FS-46	32078	1/4" x 3/8"	0.97	0.63	0.75	0.06	6.75
29FS-54	32071	5/16" x 1/4"	0.97	0.52	0.62	0.05	4.17
29FS-56	32389	5/16" x 3/8"	0.97	0.63	0.75	0.07	9.54
29FS-64	32072	3/8" x 1/4"	0.97	0.53	0.62	0.06	2.92
29FS-66	32073	3/8" x 3/8"	0.97	0.59	0.75	0.08	3.46
29FS-68	32074	3/8" x 1/2"	0.97	0.69	0.94	0.14	10.00
29FS-86	32075	1/2" x 3/8"	0.97	0.59	0.75	0.08	3.32
29FS-88	32076	1/2" x 1/2"	0.97	0.69	0.94	0.10	6.04
29FS-1212	32077	3/4" x 3/4"	0.97	0.70	1.12	0.14	7.79

128HBSLV 29FS 209AS 124 131

## BALLSEAT MALE ADAPTER

Beveled seat



07654

MAF #	REF #	NPSM X MALE NPTF	A	HEX	APPROX. WT. LBS.	LIST
WH48-22	32359	1/8" x 1/8"	0.94	0.43	0.03	5.10
WH48-42	32034	1/4" x 1/8"	1.06	0.56	0.04	4.17
WH48-44	32030	1/4" x 1/4"	1.25	0.56	0.06	4.29
WH48-64	32362	3/8" x 1/4"	1.28	0.68	0.08	6.54
WH48-66	32031	3/8" x 3/8"	1.30	0.68	0.08	5.50
WH48-68	32392	3/8" x 1/2"	1.47	0.88	0.13	12.46
WH48-86	32364	1/2" x 3/8"	1.35	0.87	0.10	9.00
WH48-88	32032	1/2" x 1/2"	1.53	0.87	0.14	7.33
WH48-1212	32033	3/4" x 3/4"	1.53	1.06	0.20	15.56

172 134 127HB 122AS

## BALLSEAT UNION

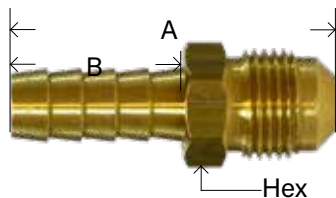


30° Seat

07656

MAF #	REF #	NPSM X NPSM	A	HEX	APPROX. WT. LBS.	LIST
WH42-2	32460	1/8"	0.79	0.43	0.02	4.75
WH42-4	32461	1/4"	1.09	0.56	0.04	5.66
WH42-6	32462	3/8"	1.19	0.68	0.07	9.23
WH42-8	32463	1/2"	1.31	0.87	0.10	10.83

## 45° FLARE ADAPTER



07004  
29SAE  
129SAE

MAF #	REF #	HOSE I.D. X 45° FLARE	THREAD	A	B	HEX	APPROX. WT. LBS.	LIST
29MSAE-34	32322	3/16" x 1/4"	7/16-20	1.5	0.75	0.43	0.03	6.89
29MSAE-44	32081	1/4" x 1/4"	7/16-20	1.72	0.97	0.43	0.03	3.86
29MSAE-46	32082	1/4" x 3/8"	5/8-18	1.82	0.97	0.62	0.07	5.16
29MSAE-55	32083	5/16" x 5/16"	1/2-20	1.75	0.97	0.50	0.08	6.65
29MSAE-66	32084	3/8" x 3/8"	5/8-18	1.82	0.97	0.62	0.08	5.59
29MSAE-68	32085	3/8" x 1/2"	3/4-16	1.97	0.97	0.75	0.10	9.00
29MSAE-88	32086	1/2" x 1/2"	3/4-16	1.97	0.97	0.75	0.10	7.70

142 201BF KF-MS KDS

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# HOSE BARB

BRASS FITTINGS

MADE IN THE USA

## COMPRESSION ADAPTER - BARB X MALE COMPRESSION THREAD



MAF #	SIZE	LIST
29CT-24	1/8" x 1/4"	12.59
29CT-33	3/16" x 3/16"	10.70
29CT-34	3/16" x 1/4"	10.70
29CT-43	1/4" x 3/16"	11.40
29CT-44	1/4" x 1/4"	9.49
29CT-45	1/4" x 5/16"	14.05
29CT-46	1/4" x 3/8"	14.05
29CT-54	5/16" x 1/4"	14.05
29CT-55	5/16" x 5/16"	16.06
29CT-63	3/8" x 3/16"	14.85
29CT-64	3/8" x 1/4"	13.95
29CT-66	3/8" x 3/8"	14.95
29CT-88	1/2" x 1/2"	16.85

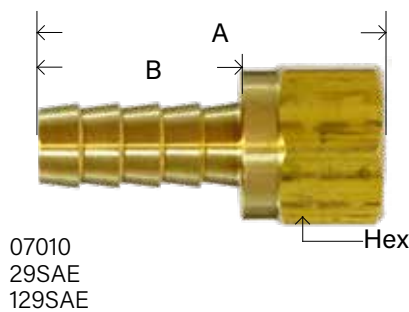
## DUAL 45°/ 37° FLARE SWIVEL



MAF #	REF #	HOSE ID X DUAL SEAT	THREAD	A	B	HEX	APPROX. WT. LBS.	LIST
29DS-34	32107	3/16" x 1/4"	7/16-20	1.34	0.75	0.56	0.04	4.18
29DS-44	32337	1/4" x 1/4"	7/16-20	1.56	0.97	0.56	0.04	2.94
29DS-45	32102	1/4" x 5/16"	1/2-20	1.61	0.97	0.62	0.06	5.80
29DS-55	32339	5/16" x 5/16"	1/2-20	1.60	0.97	0.62	0.06	5.95
29DS-68	32340	3/8" x 1/2"	3/4-16	1.68	0.97	0.87	0.10	9.44
29DS-88	32341	1/2" x 1/2"	3/4-16	1.68	0.97	0.87	0.10	4.92
29DS-810	32342	1/2" x 5/8"	7/8-14	1.76	0.97	1.00	0.12	7.18

KDS

## FEMALE 45° FLARE SWIVEL



07010  
29SAE  
129SAE



\*CRIMP STYLE  
29CSAE

MAF #	REF #	HOSE I.D. X FEMALE 45° FLARE	UNF THREAD	A	B	HEX	APPROX. WT. LBS.	LIST
29SAE-33	32326	3/16" x 3/16"	3/8-24	1.19	0.75	0.43	0.04	7.68
29SAE-34		3/16" x 1/4"	7/16"-20					4.18
29CSAE-34*		3/16" x 1/4"	7/16"-20					5.17
29SAE-36		3/16" x 3/8"	5/8"-18					5.39
29CSAE-36*	30295	3/16" x 3/8"	5/8-18	1.82	0.90	0.75	0.04	9.49
29SAE-44	32101	1/4" x 1/4"	7/16-20	1.57	0.97	0.56	0.04	2.94
29CSAE-44		1/4" x 1/4"	7/16-20					3.69
29SAE-45		1/4" x 5/16"	1/2-20					3.41
29SAE-46	32103	1/4" x 3/8"	5/8-18	1.64	0.97	0.75	0.08	3.33
29SAE-55	32104	5/16" x 5/16"	1/2-20	1.61	0.97	0.62	0.05	5.95
29SAE-56	32327	5/16" x 3/8"	5/8-18	1.67	0.97	0.75	0.08	6.07
29SAE-66	32105	3/8" x 3/8"	5/8-18	1.64	0.97	0.75	0.08	4.22
29CSAE-66*	32105C	3/8" x 3/8"	5/8-18	1.71	0.97	0.75	0.07	4.86
29SAE-68	32106	3/8" x 1/2"	3/4-16	1.81	0.97	0.87	0.10	9.44
29SAE-88	32100	1/2" x 1/2"	3/4-16	1.68	0.97	0.87	0.12	5.66
29CSAE-88*	32314C	1/2" x 1/2"	3/4-16					10.36
29CSAE-1010*	32394	5/8" x 5/8"	7/8-14					10.68
29CSAE-1212*	32328	3/4" x 3/4"	1-1/16-14	2.00	0.97	1.25	0.20	20.17

29SAE 209ASF 146HBLFSV KF-NS 128 FSS 146 144

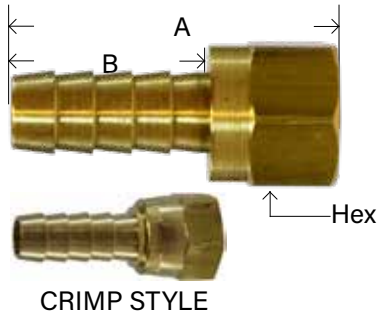
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# HOSE BARB

BRASS FITTINGS

MADE IN THE USA

## FEMALE 37° J.I.C. FLARE SWIVEL



MAF #	REF #	HOSE ID X FEMALE 37° FLARE	THREAD	A	B	HEX	APPROX. WT. LBS.	LIST
29JIC-46	32334	1/4" x 3/8"	9/16-18	1.60	0.97	0.68	0.06	4.42
29JIC-56	32335	5/16" x 3/8"	9/16-18	1.60	0.97	0.68	0.06	4.56
29JIC-66	32336	3/8" x 3/8"	9/16-18	1.60	0.97	0.68	0.10	...
29CJIC-66*	32336C	3/8" X 3/8"	9/16-18	1.66	0.97	0.68	0.06	4.05
29CJIC-1212*	32338	3/4" x 3/4"	1-1/16-12	2.00	0.97	1.25	0.20	13.11
29CJIC-1212*	32338C	3/4" x 3/4"	1-1/16-12	2.13	1.19	1.25	0.20	???
29CJIC-1616*	32397	1" x 1"	1-5/16-12	2.31	1.19	1.50	0.33	18.41

\*Crimp style

KJS

\*Available in swivel crimp style - add a "C" at the end of the REF # ( 100 piece minimum )

## BARB X SWT

MAF #	REF #	HOSE ID	SWT	LIST
29SWT-88		1/2"	1/2"	7.09
29SWT-128		3/4"	1/2"	12.36
29SWT-1210		3/4"	5/8"	13.32
29SWT-1214		3/4"	7/8"	14.71
29SWT-1616		1"	1"	17.80

## REUSABLE MALE FITTINGS



07216  
29RU17

MAF #	REF #	HOSE ID	HOSE OD	MALE NPTF	LIST
29RU17-484	32727	1/4"	1/2"	1/4"	5.15
29RU17-494	32728	1/4"	9/16"	1/4"	6.28
29RU17-4104	32726	1/4"	5/8"	1/4"	6.28
29RU17-5104	32741	5/16"	5/8"	1/4"	12.07
29RU17-6104	32742	3/8"	5/8"	1/4"	...
29RU17-6114	32744	3/8"	11/16"	1/4"	7.82
29RU17-6124	32725	3/8"	3/4"	1/4"	...
29RU17-6106	32747	3/8"	5/8"	3/8"	...
29RU17-6116	32750	3/8"	11/16"	3/8"	...
29RU17-8148	32746	1/2"	7/8"	1/2"	...

## BUBBLE BARB MALE ADAPTER

BUBBLE X MIP



MAF #	REF #	BUBBLE X MIP	LIST
29BB-84	32177	1/2 x 1/4	...
29BB-86	32178	1/2 x 3/8	...
29BB-88	32179	1/2 x 1/2	...
29BB-106	32182	5/8 x 3/8	...
29BB-108	32183	5/8 x 1/2	...
29BB-128	32184	3/4 x 1/2	...
29BB-1212	32180	3/4 x 3/4	...
29BB-1612	32185	1 x 3/4	...
29SB-1616	32181	1 x 1	23.85

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# HOSE BARB

BRASS FITTINGS

MADE IN THE USA

## BRASS FUEL HOSE BARBS

**Typical Application:** Low pressure air, fuel and oil applications. Generally used for automotive, light truck, and small engine fuel lines. Use with fuel hose SAE 30R7 & SAE 30R9.

**Advantages:** Easy to assemble, just push the fitting into the hose & clamp. Good selection of configurations at reasonable cost.

### MALE CONNECTOR HOSE BARB X MALE PIPE



08701  
159  
29SB

MAF #	REF #	HOSE ID	MIP	IND #	LIST
29SB-32	38800	3/16	1/8	1541	2.83
29SB-42	38802	1/4	1/8	1537	2.23
29SB-44	32377	1/4	1/4	1581	2.33
29SB-52	38806	5/16	1/8	1551	2.99
29SB-54	38808	5/16	1/4	1555	2.74
29SB-62	38810	3/8	1/8	1565	4.29
29SB-64	32381	3/8	1/4	1564	2.74
29SB-66	32382	3/8	3/8	1566	5.02
29SB-84		1/2	1/4		5.83
29SB-86	32383	1/2	3/8		4.24
29SB-88	32384	1/2	1/2		6.68
29SB-812		1/2	3/4		13.20
29SB-106		5/8	3/8		8.80
29SB-108	32385	5/8	1/2	1431	7.81
29SB-1012		5/8	3/4		21.53
29SB-128	32387	3/4	1/2	1430	7.10
29SB-1212	32388	3/4	3/4		10.72
29SB-168		1	1/2		23.25
29SB-1612		1	3/4		18.56
29SB-1816		1-1/8	1		45.91

68HB

### INVERTED FLARE MALE CONNECTOR

HOSE BARB X INVERTED FLARE



08706  
159IN  
29IFSB

MAF #	REF #	HOSE ID	INV. FLARE	IND #	LIST
29IFSB-44		1/4	1/4		4.23
29IFSB-45		1/4	5/16		4.66
29IFSB-54	38828	5/16	1/4	1598	4.07
29IFSB-55	38830	5/16	5/16	1560	3.15
29IFSB-56	38832	5/16	3/8	1561	6.76
29IFSB-65	38834	3/8	5/16	1568	4.70
29IFSB-66	38836	3/8	3/8	1570	8.10

269HB

### 90° MALE ELBOW

HOSE BARB X MALE PIPE



08720  
29ESB

MAF #	REF #	HOSE ID	MIP	IND #	LIST
29ESB-42	38860	1/4	1/8	1582	6.85
29ESB-52	38862	5/16	1/8	1556	11.52
29ESB-54	38864	5/16	1/4	1557	11.47
29ESB-62	38866	3/8	1/8	1572	12.16
29ESB-64	38868	3/8	1/4	1571	9.22

### BUBBLE BARB

159E



MAF #	REF #	HOSE ID	MIP	LIST
29ESB-66	32186	3/8	3/8	12.46
	32194	1/2	1/4	
29ESB-86	32187	1/2	3/8	14.75
29ESB-88	32191	1/2	1/2	20.79
	32195	5/8	1/4	
29ESB-106	32188	5/8	3/8	10.70
29ESB-108	32189	5/8	1/2	14.95
29ESB-128	32190	3/4	1/2	17.55
29ESB-1212	32192	3/4	3/4	25.67
29ESB-1612				55.30

# WELDED HOSE FITTINGS

BRASS FITTINGS

MADE IN THE USA

## INVERTED FLARE MALE SWIVEL 90° ELBOW

HOSE BARB X TUBE O.D.

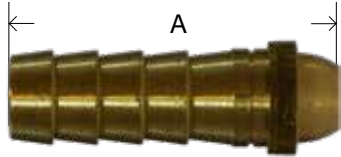
08722  
159ELS  
291MES



MAF #	REF #	Hose ID	Inv. Flare	Ind #	List
29IMES-44	38861	1/4	1/4		31.03
29IMES-45		1/4	5/16		19.30
29IMES-55	38873	5/16	5/16	1405	...
29IMES-65	38869	3/8	5/16		42.74
29IMES-66	38874	3/8	3/8	1407	16.45

## WELDED HOSE FITTINGS

### STEM ONLY - WELDING HOSE CONNECTOR



MAF #	REF #	HOSE I.D.	A	APPROX. WT. LBS.	LIST
29FW-3	30410	3/16"	1.43	0.02	4.53
29FW-4	30411	1/4"	1.43	0.02	1.91
29FW-5		5/16			2.87
29FW-6	30413	3/8"	1.43	0.04	2.47

Assemble with nuts below.

201RWA WRS WLS

### RIGHT HAND 9/16 - 18 FOR OXYGEN LINE - WELDING HOSE NUT

07629  
(WITH STEM)



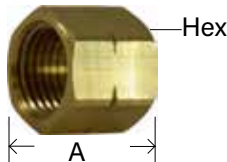
MAF #	REF #	SIZE	A	HEX	APPROX. WT. LBS.	LIST
29FWN-9R	30420	R.H. Nut only	0.63	0.68	0.04	2.29

Assemble with stem above.

201RWA WRS KF-PE 152

### LEFT HAND 9/16 - 18 FOR ACETYLENE LINE - WELDING HOSE NUT

07639  
(WITH STEM)



MAF #	REF #	SIZE	A	HEX	APPROX. WT. LBS.	LIST
29FWN-9L	30421	L.H. Nut only	0.63	0.68	0.04	2.14

Assemble with stem above.

209LWA WLS 154 KF-RE

### RIGHT HAND 9/16 - 18 #122RWA - WELDING HOSE CONNECTOR

07651  
651  
WH42R



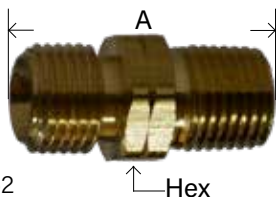
MAF #	REF #	SIZE	A	HEX	APPROX. WT. LBS.	LIST
122RWA-92	30401	1/4"-18	1.30	0.62	0.06	4.90
122RWA-96	32437	3/8"-18	1.30	0.68	0.09	13.17
122RWA-99	32438*	9/16"-18	1.25	0.68	0.07	6.34

\* Right UNF thread

156

### LEFT HAND 9/16 - 18 #122LWA - WELDING HOSE CONNECTOR

07652  
652  
WH42L



MAF #	REF #	SIZE	A	HEX	APPROX. WT. LBS.	LIST
122LWA-94	30406	1/4"-18	1.30	0.62	0.06	3.73
122LWA-96	32439	3/8"-18	1.30	0.68	0.09	14.45
122LWA-99	32440*	9/16"-18	1.25	0.68	0.07	6.70

\* Left UNF thread

158

# BARBED FOR PLASTIC TUBING

BRASS FITTINGS

MADE IN THE USA

## UNION



07062

29MBS

MAF #	REF #	SIZE	LIST
29MBS-2	21003	1/4(1/8) x 1/4(1/8)	6.85
29MBS-2L		1/4(1/8) Long	7.67
29MBS-250		1/4(1/8) x 10/32(5/32)	7.41
29MBS-42	21007	3/8(1/4) x 1/4(1/8)	8.53
29MBS-43		3/8(1/4) x 5/16(3/16)	4.92
29MBS-4	21009	3/8(1/4) x 3/8(1/4)	3.64
29MBS-62		1/2(3/8) x 1/4(1/8)	8.05
29MBS-64		1/2(3/8) x 3/8(1/4)	7.05
29MBS-6		1/2(3/8) x 1/2(3/8)	42.09

TUBE O.D. (TUBE I.D.) X TUBE O.D. (TUBE I.D.) 1062 962

## MALE ADAPTER



07068

MAF #	REF #	SIZE	LIST
29MB-12		1/8(1/16) x 1/8	8.21
29MB-21	21021	1/4(1/8) x 1/16	7.53
29MB-22	21023	1/4(1/8) x 1/8	5.67
29MB-24	21025	1/4(1/8) x 1/4	7.62
29MB-42	21027	3/8(1/4) x 1/8	5.74
29MB-44	20128	3/8(1/4) x 1/4	4.32
29MB-48		3/8(1/4) x 1/2	18.46
29MB-66	21033	1/2(3/8) x 3/8	17.67
29MB-68		1/2(3/8) x 1/2	21.84

TUBE O.D. (TUBE I.D.) X MALE PIPE 1068 968 688

## FEMALE ADAPTER



MAF #	REF #	SIZE	LIST
29FMB-22	21043	1/4(1/8) x 1/8	20.97
29FMB-24		1/4(1/8) x 1/4	14.09
29FMB-44	21046	3/8(1/4) x 1/4	...
29FMB-46	21049	3/8(1/4) x 3/8	23.41
29FMB-66		1/2(3/8) x 3/8	21.94

TUBE O.D. (TUBE I.D.) X FEMALE PIPE 1066 966 26 668

## BULKHEAD UNION



29MBHS

MAF #	REF #	SIZE	LIST
29MBHS-2	21082	1/4(1/8)	21.85
29MBHS-4	21083	3/8(1/4)	41.91
29MBHS-6	21084	1/2(3/8)	42.09

1074

## MINI BARB ELBOW



07065

1065  
965

MAF #	REF #	SIZE	LIST
29BEMB-2	21095	1/4(1/8)	...
29BEMB-4	21097	3/8(1/4)	...
29BEMB-6	21099	1/2(3/8)	...

**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)

MID-AMERICA FITTINGS



# BARBED FOR PLASTIC TUBING

BRASS FITTINGS

MADE IN THE USA

## MALE 90° ELBOW



07069

MAF #	REF #	SIZE	LIST
29MBE-21	21111	1/4(1/8) x 1/16	21.76
29MBE-22	21113	1/4(1/8) x 1/8	6.16
29MBE-24	21115	1/4(1/8) x 1/4	11.15
29MBE-42	21117	3/8(1/4) x 1/8	9.77
29MBE-44	21119	3/8(1/4) x 1/4	9.49
29MBE-66	21121	1/2(3/8) x 3/8	36.41

1069 969 239

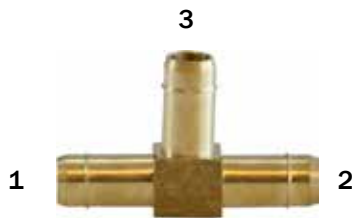
## FEMALE 90° ELBOW



MAF #	REF #	SIZE	LIST
29MBFE-22	21133	1/4(1/8) x 1/8	15.59
29MBFE-44		3/8(1/4) x 1/4	16.50

1070 970 230

## UNION TEE



07064

MAF #	REF #	1 X 2 X 3 SIZE	LIST
29MBT-2	21151	1/4(1/8)	10.32
29MBTR-442	21153	3/8(1/4)X 3/8(1/4)X1/4(1/8)	11.52
29MBTR-464		3/8(1/4) x 1/2(3/8) x 3/8(1/4)	10.70
29MBT-4	21155	3/8(1/4)	6.22
29MBTR-662		1/2(3/8) x 1/2(3/8) x 1/4(1/8)	13.62
29MBTR-664	21159	1/2(3/8)X1/2(3/8)X3/8(1/4)	74.03
29MBT-6	21161	1/2(3/8)	20.87

1064 964 224

## MALE BRANCH TEE

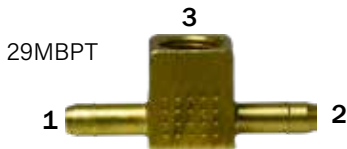


07072

MAF #	REF #	SIZE	LIST
29MBMT-22	21193	1/4(1/8) x 1/4(1/8) x 1/8	12.55
29MBMT-42	21195	3/8(1/4) x 3/8(1/4) x 1/8	12.88
29MBMT-44		3/8(1/4) x 3/8(1/4) x 1/4	16.12

1072 972 232

## FEMALE BRANCH TEE



29MBPT

07072

MAF #	REF #	(1 X 3) X 2 SIZE	LIST
29MBFT-22	21207	1/4(1/8) x 1/4(1/8) x 1/8	15.98

1077 978

## MALE RUN TEE



07071

MAF #	REF #	(1 X 3) X 2 SIZE	LIST
29MBMRT-22		1/4(1/8) x 1/8	5.65
29MBMRT-42		3/8 (1/4) x 1/8	20.49

## PLUGS



MAF #	REF #	SIZE	LIST
29MBP-2		1/8	2.91
29MBP-4		1/4	6.53
29MBP-6		3/8	8.00

**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)

# BARBED FOR PLASTIC TUBING

BRASS FITTINGS

MADE IN THE USA

## DOUBLE BARB ADAPTERS



MAF #	REF #	SIZE	LIST
29DB-20		1/4(1/8) x 10/32	5.35
29MDB-22	32150	1/4(1/8) x 1/8	4.71
29MDB-24	32151	1/4(1/8) x 1/4	9.83
29MDB-44	32153	3/8(1/4) x 1/4	9.04

## UNION TEE



MAF #	REF #	SIZE	LIST
29DBT-2	32159	1/4(1/8 ID)	7.53
29DBT-4	32160	3/8(1/4 ID)	13.65

## 90° ELBOW



MAF #	REF #	SIZE	LIST
29DBBE-2	32170	1/4(1/8 ID)	8.19
29DBBE-4	32171	3/8(1/4 ID)	15.17
29DBBE-532		10/32 (5/32 ID)	17.58
		3/8(1/4)	
29DBBH-2		1/4(1/8)	19.06

## DB X MIP ELBOW



MAF #	REF #	SIZE	LIST
29DBE-22		1/4 (1/8) x 1/8	4.94
29DBE-24		1/4 (1/8) x 1/4	7.10
29DBE-42		3/8(1/4) x 1/8	8.10
29DBE-44		3/8(1/4) x 1/4	9.22

## REDUCING DB SPLICER

MAF #	REF #	SIZE	LIST
29SDB-62		1/2(3/8) x 1/8	7.53

**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)

MID-AMERICA FITTINGS