

Yellow Brass

45° FLARED TUBE FITTINGS

Minimum and package quantities.

Straights

1/8 thru 5/8 - 25/bag
3/4 and 7/8 - 10/bag

Tees & Elbows

1/8 thru 5/8 - 10/bag
3/4 and 7/8 - 5/bag
See Exceptions.



LONG ROD NUT #M-41

10-001	1/8
10-002	3/16
10-003	1/4
10-004	5/16
10-005	3/8
10-006	1/2
10-007	5/8
10-008	3/4



SHORT ROD NUT #M-41-S

10-013	1/8
10-014	3/16
10-015	1/4
10-016	5/16
10-017	3/8
10-018	7/16
10-019	1/2
10-020	5/8
10-021	3/4
10-022	7/8
10-026	1

REDUCING SHORT ROD NUT

10-023	3/8 x 1/4
10-024	1/2 x 3/8
10-025	5/8 x 1/2



LONG FORGED NUT #M-641

10-028	1/4
10-029	5/16
10-030	3/8
10-031	1/2
10-032	5/8
10-033	3/4



SHORT FORGED NUT #M-641-S

10-038	3/16
10-039	1/4
10-040	5/16
10-041	3/8
10-042	1/2
10-043	5/8
10-044	3/4
10-045	7/8

EXTRA HEAVY SHORT FORGED NUT

10-046	1/4
10-047	3/8
10-048	1/2
10-049	5/8



REDUCING NUT #M-662-S

10-052	3/8 x 1/4
10-053	3/8 x 5/16
10-054	1/2 x 3/8
10-055	5/8 x 3/8
10-056	5/8 x 1/2
10-058	3/4 x 5/8



FLARE PLUG #M-439

10-064	1/4
10-065	5/16
10-066	3/8
10-067	1/2
10-068	5/8
10-069	3/4



FLARE CAP #M-440

10-074	3/16
10-075	1/4
10-076	5/16
10-077	3/8
10-078	1/2
10-079	5/8
10-080	3/4



FINGER TIGHTENING CAP

10-081	1/4
--------	-----



COPPER GASKET #M-463

10-084	3/16
10-085	1/4
10-086	5/16
10-087	3/8
10-088	1/2
10-089	5/8
10-090	3/4

Gaskets sold in quantities of 100 only.



COPPER BONNET #M-464

10-095	1/4
10-097	3/8
10-098	1/2
10-099	5/8
10-100	3/4

Bonnets sold in quantities of 100 only.



UNION #M-42 FLARE

10-104	1/8
10-105	3/16
10-106	1/4
10-107	5/16
10-108	3/8
10-109	1/2
10-110	5/8
10-111	3/4
10-112	7/8



REDUCING UNION #M-42-R FL x FL

10-117	5/16 x 1/4
10-118	3/8 x 1/4
10-119	3/8 x 5/16
10-120	1/2 x 1/4
10-121	1/2 x 3/8
10-122	5/8 x 3/8
10-123	5/8 x 1/2
10-124	3/4 x 1/2
10-125	3/4 x 5/8

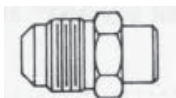
Yellow Brass



Order
Copper
Gaskets
Separately

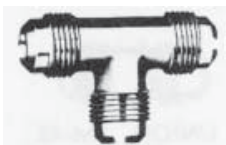
FE FLARE UNION #M-42-FF

10-135	1/4
10-136	3/8
10-137	1/2



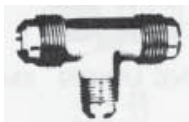
FL TO SWT UNION #M-42S

10-143	1/4 x 1/4
10-144	3/8 x 3/8
10-145	1/2 x 1/2
10-146	5/8 x 5/8



**TEE #M-44
FLARE**

10-157	1/8
10-158	3/16
10-159	1/4
10-160	5/16
10-161	3/8
10-162	1/2
10-163	5/8
10-164	3/4
10-165	7/8

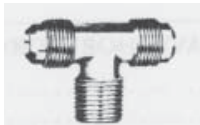


**REDUCING TEE #M-44-R
FL. x FL x FL.**

10-170	1/4 x 1/4 x 3/8
10-172	3/8 x 1/4 x 1/4
10-173	3/8 x 1/4 x 3/8
10-174	3/8 x 3/8 x 1/4
10-175	3/8 x 3/8 x 1/2
10-176	3/8 x 3/8 x 5/8
10-178	1/2 x 3/8 x 3/8
10-179	1/2 x 3/8 x 1/2
10-180	1/2 x 1/2 x 1/4

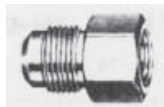
REDUCING TEE (Cont.)

10-181	1/2 x 1/2 x 3/8
10-182	1/2 x 1/2 x 5/8
10-183	1/2 x 1/2 x 3/4
10-184	5/8 x 3/8 x 3/8
10-185	5/8 x 3/8 x 5/8
10-186	5/8 x 1/2 x 1/2
10-187	5/8 x 1/2 x 5/8
10-188	5/8 x 5/8 x 3/8
10-189	5/8 x 5/8 x 1/2
10-194	3/4 x 5/8 x 3/4
10-196	3/4 x 3/4 x 1/2
10-197	3/4 x 3/4 x 5/8



**TEE # M-45
FL.x MIP**

10-202	1/8 x 1/8
10-203	3/16 x 1/8
10-204	1/4 x 1/8
10-205	1/4 x 1/4
10-206	1/4 x 3/8
10-207	5/16 x 1/8
10-208	5/16 x 1/4
10-209	3/8 x 1/8
10-210	3/8 x 1/4
10-211	3/8 x 3/8
10-212	3/8 x 1/2
10-213	1/2 x 1/4
10-214	1/2 x 3/8
10-215	1/2 x 1/2
10-216	1/2 x 3/4
10-217	5/8 x 3/8
10-218	5/8 x 1/2
10-219	5/8 x 3/4
10-220	3/4 x 1/2
10-221	3/4 x 3/4



**FEMALE ADAPTER # M-46
FL.x FIP**

10-226	1/8 x 1/8
10-227	3/16 x 1/8
10-228	1/4 x 1/8
10-229	1/4 x 1/4
10-230	1/4 x 3/8
10-231	1/4 x 1/2
10-232	5/16 x 1/8
10-233	5/16 x 1/4
10-234	3/8 x 1/8
10-235	3/8 x 1/4
10-236	3/8 x 3/8
10-237	3/8 x 1/2
10-238	3/8 x 3/4
10-239	1/2 x 1/4
10-240	1/2 x 3/8
10-241	1/2 x 1/2
10-242	1/2 x 3/4

FEMALE ADAPTER (Cont.)

10-243	5/8 x 3/8
10-244	5/8 x 1/2
10-245	5/8 x 3/4
10-246	3/4 x 1/2
10-247	3/4 x 3/4
10-248	7/8 x 3/4



MALE ADAPTER #M-48

10-253	1/8 x 1/8
10-254	3/16 x 1/8
10-255	1/4 x 1/8
10-256	1/4 x 1/4
10-257	1/4 x 3/8
10-258	1/4 x 1/2
10-259	5/16 x 1/8
10-260	5/16 x 1/4
10-261	5/16 x 3/8
10-262	3/8 x 1/8
10-263	3/8 x 1/4
10-264	3/8 x 3/8
10-265	3/8 x 1/2
10-266	3/8 x 3/4
10-267	1/2 x 1/4
10-268	1/2 x 3/8
10-269	1/2 x 1/2
10-270	1/2 x 3/4
10-271	5/8 x 1/4
10-272	5/8 x 3/8
10-273	5/8 x 1/2
10-274	5/8 x 3/4
10-275	3/4 x 1/2
10-276	3/4 x 3/4
10-277	7/8 x 1/2
10-278	7/8 x 3/4



**ELBOW #M-49
FL. x MIP**

10-283	1/8 x 1/8
10-284	3/16 x 1/8
10-285	3/16 x 1/4
10-286	1/4 x 1/8
10-287	1/4 x 1/4
10-288	1/4 x 3/8
10-289	1/4 x 1/2
10-290	5/16 x 1/8

Yellow Brass

MALE ELBOWS (Cont.)

10-291	.....	5/16 x 1/4
10-292	.....	5/16 x 3/8
10-293	.....	3/8 x 1/8
10-294	.....	3/8 x 1/4
10-295	.....	3/8 x 3/8
10-296	.....	3/8 x 1/2
10-297	.....	3/8 x 3/4
10-298	.....	1/2 x 1/4
10-299	.....	1/2 x 3/8
10-300	.....	1/2 x 1/2
10-301	.....	1/2 x 3/4
10-302	.....	5/8 x 3/8
10-303	.....	5/8 x 1/2
10-304	.....	5/8 x 3/4
10-305	.....	3/4 x 1/2
10-306	.....	3/4 x 3/4
10-307	.....	7/8 x 3/4



ELBOW # M-50
FL. x FIP

10-312	.....	3/16 x 1/8
10-313	.....	1/4 x 1/8
10-314	.....	1/4 x 1/4
10-315	.....	1/4 x 3/8
10-316	.....	5/16 x 1/8
10-317	.....	5/16 x 1/4
10-318	.....	3/8 x 1/8
10-319	.....	3/8 x 1/4
10-320	.....	3/8 x 3/8
10-321	.....	3/8 x 1/2
10-322	.....	3/8 x 3/4
10-323	.....	1/2 x 1/4
10-324	.....	1/2 x 3/8
10-325	.....	1/2 x 1/2
10-326	.....	1/2 x 3/4
10-327	.....	5/8 x 3/8
10-328	.....	5/8 x 1/2
10-329	.....	5/8 x 3/4
10-330	.....	3/4 x 1/2
10-331	.....	3/4 x 3/4



DROP-EAR ELBOW # M-50-DE
FL.x FIP

10-337	.....	1/2 x 1/2
10-338	.....	5/8 x 1/2



TEE # M-51
FL. x MIP

10-343	.....	3/16 x 1/8
10-344	.....	1/4 x 1/8
10-345	.....	1/4 x 1/4

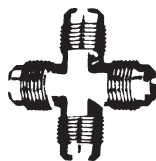
TEES (Cont.)

10-346	.....	1/4 x 3/8
10-347	.....	5/16 x 1/8
10-348	.....	5/16 x 1/4
10-349	.....	3/8 x 1/8
10-350	.....	3/8 x 1/4
10-351	.....	3/8 x 3/8
10-352	.....	3/8 x 1/2
10-354	.....	1/2 x 3/8
10-355	.....	1/2 x 1/2
10-356	.....	5/8 x 3/8
10-357	.....	5/8 x 1/2
10-359	.....	3/4 x 1/2
10-360	.....	3/4 x 3/4



TEE #M-51-FP
FL. x FIP

10-365	.....	1/4 x 1/4
10-366	.....	3/8 x 3/8
10-367	.....	3/8 x 1/2



CROSS #M-52
FLARE

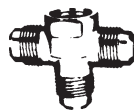
10-373	.....	1/4
10-374	.....	5/16
10-375	.....	3/8
10-376	.....	1/2
10-377	.....	5/8
10-378	.....	3/8 x 3/8 x 3/8 x 1/2



Service Tee

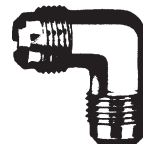
TEE #M-53
FL. x MIP x FIP

10-382	.....	1/4 x 1/8
10-383	.....	1/4 x 1/4



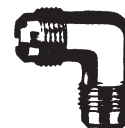
CROSS #M-53-FP
FL.x FL x FL x FIP

10-388	....	3/8 x 3/8 x 3/8 x 3/8
10-389	....	3/8 x 3/8 x 3/8 x 1/2
10-394	....	1/2 x 1/2 x 1/2 x 1/2
10-395	....	1/2 x 1/2 x 1/2 x 3/4



ELBOW #M-55
FLARE

10-404	.....	1/8
10-405	.....	3/16
10-406	.....	1/4
10-407	.....	5/16
10-408	.....	3/8
10-409	.....	1/2
10-410	.....	5/8
10-411	.....	3/4
10-412	.....	7/8



REDUCING ELBOW #M-55-R
FL. x FL

10-416	.....	3/8 x 1/4
10-417	.....	3/8 x 5/16
10-418	.....	1/2 x 1/4
10-419	.....	1/2 x 3/8
10-420	.....	5/8 x 3/8
10-421	.....	5/8 x 1/2
10-422	.....	3/4 x 1/2



TEE #M-58-FP
FL. x FIP

10-428	.....	1/4 x 1/8
10-429	.....	1/4 x 1/4
10-430	.....	3/8 x 1/4
10-431	.....	3/8 x 3/8
10-432	.....	3/8 x 1/2
10-433	.....	1/2 x 3/8
10-434	.....	1/2 x 1/2
10-436	.....	1/2 x 3/4



• Order
Copper
Gaskets
Separately

FE FLARE ADAPTER #M-48FF
FE. FL. x MIP

10-440	.....	1/4 x 1/8
10-441	.....	1/4 x 1/4
10-442	.....	3/8 x 1/4
10-443	.....	1/2 x 3/8



45° ELBOW #M-4945
FL. X MIP

10-448	.....	1/4 x 1/8
10-449	.....	1/4 x 1/4
10-450	.....	5/16 x 1/8

Yellow Brass

45° ELBOW - FLR x MIP

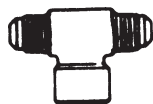
10-451	5/16 x 1/4
10-452	3/8 x 1/4
10-453	3/8 x 3/8
10-454	3/8 x 1/2
10-455	1/2 x 3/8
10-456	1/2 x 1/2
10-458	5/8 x 3/8
10-457	5/8 x 1/2
10-460	3/4 x 1/2
10-459	3/4 x 3/4



* Order
Copper
Gaskets,
Separately

FLARE REDUCER #M-46-FF MALE FLARE x FEMALE FLARE

10-462	1/4 x 3/8
10-463	3/8 x 1/4
10-464	3/8 x 1/2
10-467	1/2 x 3/8
10-468	1/2 x 5/8
10-469	5/8 x 1/2
10-470	5/8 x 3/4
10-471	3/4 x 5/8



ALL FLARE TEE #M-T-6 MALE FL. x FE. FL.

10-476	1/4 x 1/4 x 1/4
--------------	-----------------



SWIVEL #M-700

10-481	1/4
10-482	5/16
10-483	3/8
10-484	1/2
10-485	5/8
10-486	3/4

REDUCING SWIVELS

10-487	3/8 x 1/4
10-488	1/2 x 3/8
10-489	5/8 x 1/2



SWIVEL ELBOWS

10-493	1/4
10-494	3/8
10-495	1/2
10-496	5/8
10-497	3/4

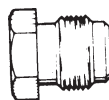
INVERTED FLARE FITTINGS

See quantities for flare fittings.



STEEL NUT #M-41-INS

12-001	1/8
12-002	3/16
12-003	1/4
12-004	5/16
12-005	3/8
12-006	1/2
12-007	5/8
12-008	3/4



SPECIAL FORD NUT

12-020	1/4
--------------	-----



LONG STEEL NUT

12-010	1/4
12-011	3/8



BRASS NUT #M-41-INB

12-012	1/8
12-013	3/16
12-014	1/4
12-015	5/16
12-016	3/8
12-017	1/2
12-018	5/8



UNION # M-42-IN

12-022	1/8
12-023	3/16
12-024	1/4
12-025	5/16
12-026	3/8
12-027	1/2



FEMALE ADAPTER # M-46-IN

12-032	3/16 x 1/8
12-033	1/4 x 1/8
12-034	5/16 x 1/8
12-035	3/8 x 1/4
12-036	1/2 x 3/8



MALE ADAPTER # M-48-IN

12-041	1/8 x 1/8
12-042	3/16 x 1/8
12-042A	3/16 x 1/4
12-043	1/4 x 1/8
12-044	1/4 x 1/4
12-045	5/16 x 1/8
12-046	5/16 x 1/4
12-047	3/8 x 1/8
12-048	3/8 x 1/4
12-049	3/8 x 3/8
12-053	1/2 x 1/4
12-050	1/2 x 3/8
12-051	1/2 x 1/2
12-052	5/8 x 1/2



ELBOW # M-49-IN

12-057	1/8 x 1/8
12-058	3/16 x 1/8
12-059	1/4 x 1/8
12-060	1/4 x 1/4
12-061	5/16 x 1/8
12-062	5/16 x 1/4
12-063	3/8 x 1/8
12-064	3/8 x 1/4
12-065	3/8 x 3/8
12-066	1/2 x 3/8
12-067	1/2 x 1/2
12-069	5/8 x 1/2
12-070	3/4 x 3/4

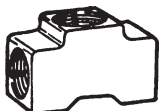
*1" flare sizes available upon request

Yellow Brass



45° ELBOW #M-94-IN

12-072	.....	$\frac{3}{16} \times \frac{1}{8}$
12-073	.....	$\frac{1}{4} \times \frac{1}{8}$
12-074	.....	$\frac{5}{16} \times \frac{1}{8}$
12-075	.....	$\frac{5}{16} \times \frac{1}{4}$
12-076	.....	$\frac{3}{8} \times \frac{1}{4}$
12-077	.....	$\frac{1}{2} \times \frac{3}{8}$
12-078	.....	$\frac{5}{8} \times \frac{1}{2}$



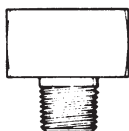
UNION TEE #M-44-IN

12-086	.....	$\frac{3}{16}$
12-087	.....	$\frac{1}{4}$
12-088	.....	$\frac{5}{16}$
12-089	.....	$\frac{3}{8}$



STEEL PLUG-SOLID #M-39-IN

12-091	.....	$\frac{3}{16}$
12-092	.....	$\frac{1}{4}$
12-093	.....	$\frac{5}{16}$
12-094	.....	$\frac{3}{8}$



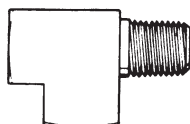
**IN FL x IN FL x MIP
MALE BRANCH TEE #M-602**

12-100	.....	$\frac{3}{16} \times \frac{1}{8}$
12-101	.....	$\frac{1}{4} \times \frac{1}{8}$
12-103	.....	$\frac{3}{8} \times \frac{1}{4}$



**IN FL x FIP
FEMALE ELBOW #M-452**

12-110	.....	$\frac{1}{4} \times \frac{1}{8}$
12-111	.....	$\frac{5}{16} \times \frac{1}{8}$
12-112	.....	$\frac{3}{8} \times \frac{1}{4}$
12-113	.....	$\frac{1}{2} \times \frac{3}{8}$



**IN FL x MIP x IN FL
MALE RUN TEE #752**

12-119	.....	$\frac{1}{4} \times \frac{1}{8}$
12-121	.....	$\frac{3}{8} \times \frac{1}{4}$



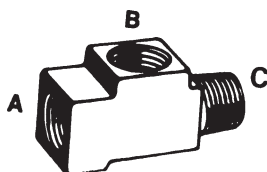
**IN FL x IN FL x FIP
FEMALE BRANCH TEE #M-652**

12-129		$\frac{5}{16} \times \frac{1}{8}$
--------	-------	-----------------------------------



**IN FLx IN FL
UNION ELBOW #M-502**

12-135	.....	$\frac{1}{4}$
12-138	.....	$\frac{1}{2}$



**TRAILER BRAKE TEE
Tube and Thread Size**

	A	B	C
12-145	$\frac{3}{16}$ (1/2-20)	$\frac{3}{16}$ (3/8-24)	$\frac{3}{16}$ (1/2-20)

GAS RANGE FITTINGS

Sold 25/bag.
5/16 -16 MALE FLARE (7/8 OD)

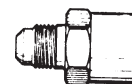


MALE ADAPTERS

35-134	.....	$\frac{15}{16} \times \frac{1}{2}$ MIP
35-135	.....	$\frac{15}{16} \times \frac{3}{4}$ MIP

RANGE CAP

35-136		$\frac{15}{16}$
--------	-------	-----------------



FEMALE ADAPTERS

35-142		$\frac{15}{16} \times \frac{3}{4}$ FIP
--------	-------	--



FEMALE ELBOW

35-144		$\frac{15}{16} \times \frac{3}{4}$ FIP
--------	-------	--



GAS COCK

35-146		$\frac{15}{16} \times \frac{3}{4}$ FIP
--------	-------	--

Yellow Brass

SPACE HEATER FITTINGS

All space heater fittings sold in minimum quantities of 25 each.

Not AGA Approved

$\frac{9}{16}$ X 24 FINE FLARE THREAD



NUT #M-80SH

14-001 $\frac{3}{8}$



CAP #M-80SH-C

14-006 $\frac{3}{8}$



UNION #M-82SH

14-011 $\frac{3}{8}$



MALE ADAPTER #M-83SH

14-016 $\frac{3}{8}$ X $\frac{3}{8}$

MALE ADAPTER #M-84SH

14-017 $\frac{3}{8}$ X $\frac{1}{2}$



FE ADAPTER #M-85SH

14-018 $\frac{3}{8}$ X $\frac{3}{8}$

FE ADAPTER #M-86SH

14-025 $\frac{3}{8}$ X $\frac{1}{2}$



ELBOW FL x MIP

14-030 $\frac{3}{8}$ X $\frac{3}{8}$

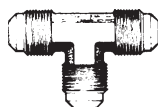
14-031 $\frac{3}{8}$ X $\frac{1}{2}$



FEMALE ELBOW

14-035 $\frac{3}{8}$ X $\frac{3}{8}$

14-036 $\frac{3}{8}$ X $\frac{1}{2}$



TEE

14-041 $\frac{3}{8}$

THREADED SLEEVE FITTINGS

All threaded sleeve fittings sold 25/pkg.



NUT #M-181

16-001 $\frac{1}{8}$

16-002 $\frac{3}{16}$

16-003 $\frac{1}{4}$

16-004 $\frac{5}{16}$

16-005 $\frac{3}{8}$



BREAK-AWAY NUT #M-181-BA

16-010 $\frac{1}{4}$



UNION #M-182

16-013 $\frac{1}{4}$



MALE ADAPTER #M-188

16-118 $\frac{1}{8}$ X $\frac{1}{8}$

16-122 $\frac{5}{16}$ X $\frac{1}{8}$

16-123 $\frac{3}{8}$ X $\frac{1}{4}$



ELBOW #M-189

16-128 $\frac{1}{8}$ X $\frac{1}{8}$

16-130 $\frac{1}{4}$ X $\frac{1}{8}$

16-131 $\frac{5}{16}$ X $\frac{1}{8}$

16-132 $\frac{3}{8}$ X $\frac{1}{4}$

COMPRESSION FITTINGS

Minimum and package quantities.
Sleeves & nuts sold in quantities of 100 only.

Straights

$\frac{1}{8}$ thru $\frac{5}{8}$ —25/bag

$\frac{3}{4}$ and $\frac{7}{8}$ —10/bag

Elbows & Tees

$\frac{1}{8}$ thru $\frac{5}{8}$ —10/bag

$\frac{3}{4}$ and $\frac{7}{8}$ —5/bag

Category 18 Lead Free Options Available



SLEEVE #M-60

18-001 $\frac{1}{8}$

18-002 $\frac{3}{16}$

18-003 $\frac{1}{4}$

18-004 $\frac{5}{16}$

18-005 $\frac{3}{8}$

18-006 $\frac{7}{16}$

18-007 $\frac{1}{2}$

18-008 $\frac{5}{8}$

18-009 $\frac{3}{4}$

18-010 $\frac{7}{8}$



Sold in quantities of 100

DELTRIN SLEEVE #M-60-P

18-015 $\frac{1}{4}$

18-016 $\frac{5}{16}$

18-017 $\frac{3}{8}$

18-018 $\frac{1}{2}$

18-019 $\frac{5}{8}$

18-020 $\frac{3}{4}$



SELF-ALIGN #M-60-SA

18-024 $\frac{1}{8}$

18-025 $\frac{3}{16}$

18-026 $\frac{1}{4}$

18-027 $\frac{3}{8}$

18-028 $\frac{1}{2}$

Yellow Brass

Category 18 Lead Free Options Available



SOLID COMPRESSION PLUG

18-029A	1/4
18-029	3/8
18-030	1/2
18-031	5/8



NUT # M-61

18-033	1/8
18-034	3/16
18-035	1/4
18-036	5/16
18-037	3/8
18-038	7/16
18-039	1/2
18-040	5/8
18-041	3/4
18-042	7/8

PLUG

18-048	3/8
--------------	-----



CAP # M-61-CC

18-047	1/4
18-048	3/8
18-049	1/2
18-050	5/8
18-052	3/4



CHROME NUT # M-61-CM

18-054	1/4
18-055	3/8
18-056	1/2
18-057	5/8



UNION # M-62

18-062	1/8
18-063	3/16
18-064	1/4
18-065	5/16
18-066	3/8
18-067	7/16
18-068	1/2
18-069	5/8
18-070	3/4
18-071	7/8

ALL UNIONS AVAILABLE
DRILLED THRU—POR

REDUCING UNION #M-62-R

18-076	1/4 X 1/8
18-077	1/4 X 3/16
18-078	5/16 X 1/4
18-079	3/8 X 1/4
18-080	3/8 X 5/16
18-081	1/2 X 3/8
18-082	5/8 X 3/8
18-083	5/8 X 1/2



BULKHEAD UNION #M-62-BH

18-088	1/4
18-090	3/8
18-091	1/2



CHECK VALVE #M-63

18-092	1/8 X 1/8
18-094	1/4 X 1/8
18-096	3/8 X 1/4

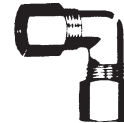


TEE #M-64

18-101	1/8
18-102	3/16
18-103	1/4
18-104	5/16
18-105	3/8
18-106	1/2
18-107	5/8
18-108	3/4
18-109	7/8

REDUCING TEE #M-64-R

18-114	1/4 X 1/4 X 1/8
18-111	3/8 X 1/4 X 1/4
18-115	3/8 X 3/8 X 1/4
18-116	1/2 X 1/2 X 1/4
18-117	1/2 X 1/2 X 3/8
18-118	5/8 X 5/8 X 3/8
18-119	5/8 X 5/8 X 1/2



ELBOW # M-65

18-122	1/8
18-123	3/16
18-124	1/4
18-125	5/16
18-126	3/8
18-127	1/2
18-128	5/8
18-129	3/4
18-130	7/8

REDUCING ELBOW # M-65-R

18-135	3/8 X 1/4
18-136	1/2 X 3/8
18-137	5/8 X 3/8
18-138	5/8 X 1/2



FEMALE ADAPTER # M-66 COMP x FIP

18-142	1/8 X 1/8
18-143	3/16 X 1/8
18-144	3/16 X 1/4
18-145	1/4 X 1/8
18-146	1/4 X 1/4
18-147	1/4 X 3/8
18-148	1/4 X 1/2
18-149	5/16 X 1/8
18-150	5/16 X 1/4
18-151	5/16 X 3/8
18-152	3/8 X 1/8
18-153	3/8 X 1/4
18-154	3/8 X 3/8
18-155	3/8 X 1/2
18-156	3/8 X 3/4
18-157	1/2 X 1/4
18-158	1/2 X 3/8
18-159	1/2 X 1/2
18-160	1/2 X 3/4
18-161	5/8 X 3/8
18-162	5/8 X 1/2
18-163	5/8 X 3/4
18-164	3/4 X 1/2
18-165	3/4 X 3/4
18-167	7/8 X 1/2
18-166	7/8 X 3/4

COMP X SWT ADPT. # M-66-S

18-171	3/8 X 1/2 nom. swt
18-172	1/2 X 1/2 nom. swt

COMP X SWT ELBOW 69-S

18-173	3/8 X 1/2 nom. swt
--------------	--------------------

Yellow Brass

Category 18 Lead Free Options Available



MALE ADAPTER #M-68
COMP x MIP

18-176	1/8 x 1/8
18-177	3/16 x 1/8
18-178	3/16 x 1/4
18-179	1/4 x 1/8
18-180	1/4 x 1/4
18-181	1/4 x 3/8
18-182	1/4 x 1/2
18-183	5/16 x 1/8
18-184	5/16 x 1/4
18-185	5/16 x 3/8
18-186	5/16 x 1/2
18-187	3/8 x 1/8
18-188	3/8 x 1/4
18-189	3/8 x 3/8
18-190	3/8 x 1/2
18-191	3/8 x 3/4
18-192	7/16 x 1/4
18-204	7/16 x 3/8
18-193	1/2 x 1/4
18-194	1/2 x 3/8
18-195	1/2 x 1/2
18-196	1/2 x 3/4
18-197	5/8 x 3/8
18-198	5/8 x 1/2
18-199	5/8 x 3/4
18-200	3/4 x 1/2
18-201	3/4 x 3/4
18-202	7/8 x 1/2
18-203	7/8 x 3/4
18-205	7/8 x 1



TANK ADAPTER #M-68-T
DRILLED THRU (NO STOP)

18-208	1/4 x 1/8
18-209	1/4 x 1/4
18-210	3/8 x 1/4
18-211	3/8 x 3/8
18-212	3/8 x 1/2
18-213	1/2 x 3/8
18-214	1/2 x 1/2
18-215	5/8 x 1/2



MALE ELBOW #M-69
COMP x MIP

18-220	1/8 x 1/8
18-221	3/16 x 1/8
18-223	3/16 x 1/4
18-224	1/4 x 1/8
18-225	1/4 x 1/4
18-226	1/4 x 3/8
18-227	1/4 x 1/2
18-228	5/16 x 1/8

MALE ELBOW (Cont.)

18-229	5/16 x 1/4
18-230	5/16 x 3/8
18-231	5/16 x 1/2
18-232	3/8 x 1/8
18-233	3/8 x 1/4
18-234	3/8 x 3/8
18-235	3/8 x 1/2
18-248	3/8 x 3/4
18-247	7/16 x 1/4
18-236	1/2 x 1/4
18-237	1/2 x 3/8
18-238	1/2 x 1/2
18-239	1/2 x 3/4
18-240	5/8 x 3/8
18-241	5/8 x 1/2
18-242	5/8 x 3/4
18-243	3/4 x 1/2
18-245	3/4 x 3/4
18-249	7/8 x 1/2
18-246	7/8 x 3/4



FEMALE ELBOW #M-70
COMP x FIP

18-251	1/8 x 1/8
18-252	3/16 x 1/8
18-253	1/4 x 1/8
18-254	1/4 x 1/4
18-267	1/4 x 3/8
18-268	1/4 x 1/2
18-255	5/16 x 1/8
18-256	5/16 x 1/4
18-257	3/8 x 1/8
18-258	3/8 x 1/4
18-259	3/8 x 3/8
18-260	3/8 x 1/2
18-250	3/8 x 3/4
18-261	1/2 x 1/4
18-262	1/2 x 3/8
18-263	1/2 x 1/2
18-269	5/8 x 3/8
18-264	5/8 x 1/2
18-265	5/8 x 3/4
18-266	3/4 x 1/2



DROP-EAR ELBOW #M-70-DE

18-270	1/2 x 3/4
18-271	5/8 x 1/2



TEE #M-71
COMP x MIP

18-272	1/8 x 1/8
18-273	3/16 x 1/8
18-274	1/4 x 1/8
18-275	1/4 x 1/4
18-276	5/16 x 1/8

TEE (Cont.)

18-277	5/16 x 1/4
18-278	3/8 x 1/8
18-279	3/8 x 1/4
18-280	3/8 x 3/8
18-281	1/2 x 3/8
18-282	1/2 x 1/2
18-283	5/8 x 1/2
18-284	3/4 x 1/2



TEE #M-72
COMP x MIP

18-289	1/8 x 1/8
18-290	3/16 x 1/8
18-291	1/4 x 1/8
18-292	1/4 x 1/4
18-293	5/16 x 1/8
18-294	5/16 x 1/4
18-295	3/8 x 1/8
18-296	3/8 x 1/4
18-297	3/8 x 3/8
18-298	3/8 x 1/2
18-304	1/2 x 1/4
18-299	1/2 x 3/8
18-300	1/2 x 1/2
18-301	5/8 x 1/2
18-302	3/4 x 1/2
18-303	3/4 x 3/4



TEE #M-75
COMP x FIP x MIP

18-307	1/4 x 1/8
--------	-----------



TEE #M-76
MIP x FIP x COMP

18-312	1/8 x 1/8
18-313	3/16 x 1/8
18-314	1/4 x 1/8
18-316	3/8 x 1/4

Category 18 Lead Free Options Available



TEE #M-78 COMP x FIP

18-321	1/4 x 1/8
18-328	1/4 x 1/4
18-325	3/8 x 1/8
18-322	3/8 x 1/4
18-323	3/8 x 3/8
18-326	1/2 x 1/8
18-324	1/2 x 3/8
18-327	5/8 x 1/8



45° ELBOW #M-6945 COMP x MIP

18-329	3/16 x 1/8
18-330	1/4 x 1/8
18-331	5/16 x 1/8
18-332	5/16 x 1/4
18-333	3/8 x 1/4
18-334	1/2 x 3/8
18-335	5/8 x 1/2



Sold 100/pkg.

BRASS INSERT #M-63-BI

22-008	1/8
22-009	3/16
22-010	1/4
22-0105	1/4 (short)
22-011	5/16
22-012	3/8
22-013	1/2
22-014	5/8

**ACR
FOR
ALL
YOUR
FITTING
NEEDS!**

Yellow Brass

LONG NUT COMPRESSION

Packaged same as compression fittings.
Note: To buy compression fittings with long nut, simply delete 18- prefix on the same size compression fitting and substitute a 24- prefix and add 80% to list price.



LONG NUT #M-161

24-003	1/4
24-004	5/16
24-005	3/8
24-006	1/2
24-008	3/4

CAPTIVE SLEEVE FITTINGS

Packaged same as compression fittings
Note: To buy compressions fitting with captive sleeve, simply delete 18- prefix on the same size compression fitting and substitute a 26- prefix and add 80% to list price.



CAPTIVE SLEEVE NUT

26-001	1/8
26-003	1/4
26-004	5/16
26-005	3/8
26-007	1/2
26-008	5/8

CHROME PLATED COMPRESSION FITTINGS

Sold in minimum quantities of 25.



NICKEL PLATED NUT #M-61-CM

18-054	1/4
18-055	3/8
18-056	1/2
18-057	5/8



ANGLE COMPRESSION TO MALE PIPE

31-160	3/8 OD x 3/8 MIP
31-161	3/8 OD x 1/2 MIP
31-162	1/2 OD x 3/8 MIP
31-163	1/2 OD x 1/2 MIP



CONE FOR LAVATORY SUPPLY 31-150 3/8" OD Brass Gr. Jt.



STRAIGHT Compression Both Ends

31-112	3/8" OD Chr. x 3/8" OD
31-113	1/2" OD Chr. x 3/8" OD
31-110	5/8" OD Chr. x 3/8" OD
31-111	5/8" OD Chr. x 1/2" OD



ANGLE Compression Both Ends 31-140 5/8" OD Chr. x 3/8" OD



STRAIGHT Compression to Sweat 31-116 3/8" OD x 1/2" Nom. Swt



STRAIGHT Compression to Female Iron Pipe

31-100	3/8" OD x 3/8" FIP Chr.
31-101	3/8" OD x 1/2" FIP Chr.
31-102	1/2" OD x 1/2" FIP Chr.



STRAIGHT Compression To Male Iron Pipe

31-120	3/8" OD x 3/8" MIP Chr.
31-121	3/8" OD x 1/2" MIP Chr.
31-123	1/2" OD x 3/8" MIP Chr.
31-122	1/2" OD x 1/2" MIP Chr.



ANGLE Compression To Sweat 31-145 3/8" OD x 1/2" Nom. Swt



ANGLE Compression To Female Iron Pipe

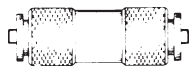
31-130	3/8" OD x 3/8" FIP Chr.
31-131	3/8" OD x 1/2" FIP Chr.
31-133	1/2" OD x 3/8" FIP Chr.
31-132	1/2" OD x 1/2" FIP Chr.

**LEFT
INTENTIONALLY
BLANK**

Yellow Brass

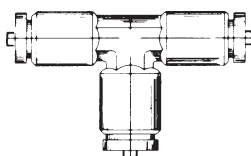
PUSH IN AIR BRAKE FITTINGS

NOTE: For all applications except those designed for use between frame and axle or between towed and towing vehicle.



DOT UNION CONNECTOR #M62D

Part Number	Tube O.D.	
38-519	1/4	(10)
38-520	3/8	(10)
38-521	1/2	(5)
38-522	5/8	(5)
38-523	3/4	(5)



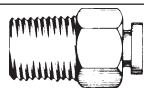
DOT UNION TEE #M64D

Part Number	Tube O.D.	
38-528	1/4	(10)
38-529	3/8	(5)
38-530	1/2	(5)
38-531	5/8	(5)



DOT FEMALE CONNECTOR #M66D

Part Number	Tube O.D.	Pipe Thread	
38-534	1/4	1/8	(10)
38-535	1/4	1/4	(10)
38-536	3/8	1/4	(10)
38-537	3/8	3/8	(5)

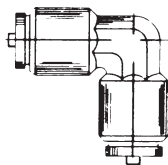


DOT MALE CONNECTOR #M68D

Part Number	Tube O.D.	Pipe Thread	
38-554	1/4	1/8	(20)
38-555	1/4	1/4	(10)
38-556	1/4	3/8	(10)
38-558	3/8	1/4	(10)
38-559	3/8	3/8	(10)
38-562	3/8	1/2	(5)
38-560	1/2	1/4	(5)
38-561	1/2	3/8	(5)
38-563	1/2	1/2	(5)

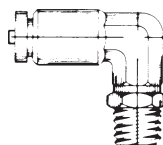
DOT MIXED BULKHEAD UNION #M82CD

Part Number	Tube O.D.	
38-680	1/4	(10)
38-682	3/8	(5)



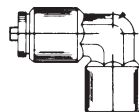
DOT UNION ELBOW #M65D

Part Number	Tube O.D.	
38-652	1/4	(10)
38-653	3/8	(10)
38-654	1/2	(5)



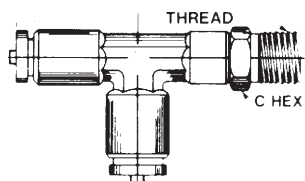
DOT SWIVEL MALE ELBOW #M69D

Part Number	Tube O.D.	Pipe Thread	
38-581	1/4	1/8	(10)
38-582	1/4	1/4	(10)
38-586	1/4	3/8	(10)
38-587	3/8	1/8	(10)
38-583	3/8	1/4	(10)
38-584	3/8	3/8	(5)
38-588	1/2	1/4	(5)
38-585	1/2	3/8	(5)
38-592	1/2	1/2	(5)



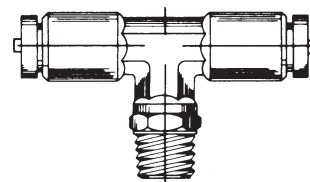
DOT FEMALE ELBOW #M70D

Part Number	Tube O.D.	Pipe Thread	
38-589	1/4	1/8	(10)
38-590	1/4	1/4	(5)
38-591	3/8	1/4	(5)
38-593	3/8	3/8	(5)



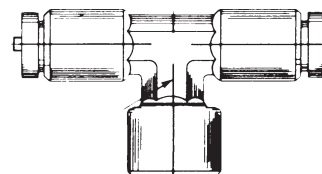
DOTS SWIVEL MALE RUN TEE #M715D

Part Number	Tube O.D.	Pipe Thread	
38-662	1/4	1/8	(10)
38-663	1/4	1/4	(5)
38-664	3/8	1/4	(5)
38-665	3/8	3/8	(5)
38-666	1/2	3/8	(5)



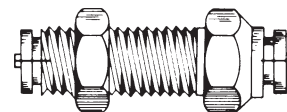
DOTS SWIVEL MALE BRANCH TEE #M725D

Part Number	Tube O.D.	Pipe Thread	
38-605	1/4	1/8	(10)
38-606	1/4	1/4	(5)
38-607	3/8	1/4	(5)
38-608	3/8	3/8	(5)
38-611	1/2	3/8	(5)



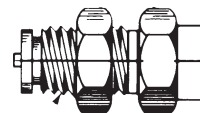
DOTS SWIVEL FEMALE BRANCH TEE #M775D

Part Number	Tube O.D.	Pipe Thread	
38-630	1/4	1/8	(10)
38-631	1/4	1/4	(10)
38-632	3/8	1/4	(5)



DOT BULKHEAD UNION #M82D

Part Number	Tube O.D.	
38-627	1/4	(10)
38-628	3/8	(5)
38-629	1/2	(5)



DOTS FEMALE BULKHEAD UNION #M86D

Part Number	Tube O.D.	Female Thread	
38-670	1/4	1/8	(10)
38-671	1/4	1/4	(10)
38-672	3/8	1/4	(5)

DOTS 45° MALE ELBOW

Part Number	Tube O.D.	Thread	
38-675	1/4	1/8	(10)
38-676	1/4	1/4	(5)
38-678	3/8	1/4	(5)

Yellow Brass

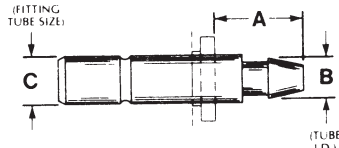
BRASS PUSH-IN TUBE FITTINGS

ENGINEERING AND DESIGN FEATURES—

- **QUICK CONNECT**, simply push in, no tools. Saves up to 75% of assembly time of standard compression fittings.
 - **QUICK DISCONNECT**, hold two fingers on insert and pull tubing out, no tools required.
 - **REUSEABLE**, connect and disconnect numerous times.
 - **FULL FLOW DESIGN**, provides up to 60% more flow area than conventional fittings with internal tube supports.
 - **POSITIVE SEAL**, no leaks. After tubing is inserted, seal is made.
 - **WORKING PRESSURE**: The fitting is suitable for use up to the maximum working pressure of the plastic tubing used. For soft copper tube, a maximum working pressure of 750 PSI is recommended. Also available for vacuum service.
 - **WORKING TEMPERATURES**:—10°F to 200°F (other ranges available on request).
- ¥ **OPTIONS AVAILABLE**: Viton or other materials of O-rings. Chrome or electroless nickel-plating.

¥ Pipe threads: NPTF

*Patent Pending



(For polyurethane or other soft plastic tubing)

BARB ADAPTER #M32/34

Part Number	A	B	C
20-001	.445	.062	.250
20-002	.445	.125	.250
20-003	.227	.062	.125



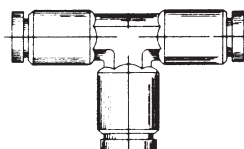
PLUG # M59P

Part Number	Push-In O.D.
20-008	1/8
20-009	5/32
20-010	1/4
20-011	3/8
20-013	1/2



UNION CONNECTOR #M62P

Part Number	Tube O.D.
20-017	1/8
20-022	5/16
20-018	5/32
20-019	1/4
20-020	3/8
20-021	1/2



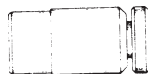
UNION TEE #M64P

Part Number	Tube O.D.
20-025	1/8
20-026	5/32
20-027	3/16
20-028	1/4
20-029	3/8
20-030	1/2
20-031	5/8



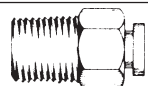
FEMALE CONNECTOR #M66PQ

Part Number	Tube O.D.	Pipe Thread
20-033	1/8	1/8
20-038	5/32	1/8
20-034	1/4	1/8
20-035	1/4	1/4
20-036	3/8	1/4
20-037	3/8	3/8



PRESS-IN CARTRIDGE #M688P

Part Number	Tube O.D.
20-040	1/8
20-041	5/32
20-042	3/16
20-043	1/4

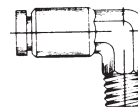


MALE CONNECTOR #M68P

Note: Internal Hex (ØDØ DIM.) can be used for tightening with Allen key.

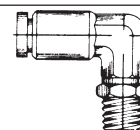
Part Number	Tube O.D.	Pipe Thread
20-047	1/8	10-32*
20-048	1/8	1/8
20-062	5/16	1/8
20-049	5/32	10-32*
20-050	5/32	1/8
20-046	5/32	1/4
20-051	3/16	10-32*
20-052	3/16	1/8
20-053	1/4	10-32*
20-054	1/4	1/8
20-055	1/4	1/4
20-056	1/4	3/8
20-057	3/8	1/8
20-058	3/8	1/4
20-059	3/8	3/8
20-059A	3/8	1/2
20-060	1/2	1/4
20-061	1/2	3/8
20-063	1/2	1/2

*Furnished with gaskets



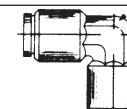
MALE ELBOW #M69P

Part Number	Tube O.D.	Pipe Thread
20-065	1/8	1/8
20-070A	5/16	1/8
20-070B	5/16	1/4
20-066	5/32	1/8
20-067	3/16	1/8
20-068	1/4	1/8
20-069	1/4	1/4
20-070	1/4	3/8
20-071	3/8	1/8
20-072	3/8	1/4
20-073	3/8	3/8
20-074	1/2	1/4
20-075	1/2	3/8
20-076	1/2	1/2



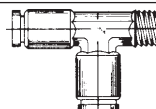
SWIVEL MALE ELBOW #M69PS

Part Number	Tube OD.	Pipe Thread
20-079	1/8	1/8
20-088	3/16	1/8
20-080	5/32	1/8
20-093	5/32	10/32
20-086	5/32	1/4
20-078	1/4	10/32
20-081	1/4	1/8
20-082	1/4	1/4
20-083A	3/8	1/8
20-083	3/8	1/4
20-084	3/8	3/8
20-092	3/8	1/2
20-085	1/2	3/8
20-087	1/2	1/2



FEMALE ELBOW #M70P

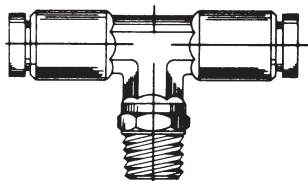
Part Number	Tube O.D.	Pipe Thread
20-089	1/4	1/8
20-090	1/4	1/4
20-091	3/8	1/4



MALE RUN TEE #M71P

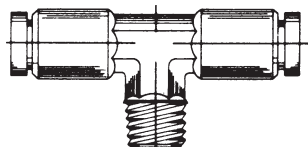
Part Number	Tube O.D.	Pipe Thread
20-095	1/8	1/8
20-096	5/32	1/8
20-097	3/16	1/8
20-098	1/4	1/8
20-099	1/4	1/4
20-100	3/8	1/4
20-101	3/8	3/8
20-102	1/2	3/8

Yellow Brass



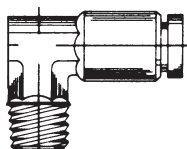
**SWIVEL MALE #M72PS
BRANCH TEE**

Part Number	Tube O.D.	Pipe Thread
20-105	1/4	1/8
20-106	1/4	1/4
20-109	5/32	1/8
20-107	3/8	1/4
20-108	3/8	3/8



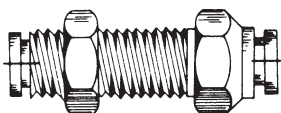
MALE BRANCH TEE #M72P

Part Number	Tube O.D.	Pipe Thread
20-112	1/8	1/8
20-113	5/32	1/8
20-114	3/16	1/8
20-115	1/4	1/8
20-116	1/4	1/4
20-117	3/8	1/8
20-118	3/8	1/4
20-119	3/8	3/8
20-120	1/2	3/8



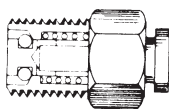
ELBOW

Part Number	Tube O.D.
20-150	1/8
20-151	5/32
20-152	1/4
20-153	3/8
20-154	1/2



BULKHEAD UNION #M82P

Part Number	Tube O.D.	Pipe Thread
20-124	1/8	7/16-20
20-125	5/32	7/16-20
20-126	3/16	1/2-20
20-127	1/4	1/2-20
20-128	3/8	5/8-18
20-129	1/2	3/4-16



QUICK DISCONNECT #M92P

When tube is disconnected, flow shuts off automatically.

Part Number	Tube O.D.	Pipe Thread
20-133	1/4	1/8
20-134	1/4	1/4
20-135	3/8	1/4

BRASS TUBE FITTINGS FOR PLASTIC TUBING

Interchangeable with Poly-Flo®
and Poly-Tite®
Packaged same as compression



REDUCING UNION #M56P

Part Number	Tube O.D.
20-200	3/8 X 1/4



CAP #M59P

Part Number	Tube O.D.
20-201	1/4
20-202	5/16
20-203	3/8
20-204	1/2



PLASTIC SLEEVE #M60P

Part Number	Tube O.D.
20-205	1/4
20-206	5/16
20-207	3/8
20-208	1/2

**NUT AND PLASTIC #M61P
SLEEVE ASSEMBLY**

Part Number	Tube O.D.
20-211	1/4
20-212	5/16
20-213	3/8
20-214	1/2



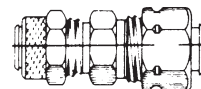
NUT ONLY #M61U

Part Number	Tube O.D.
20-218	1/8
20-219	3/16
20-220	1/4
20-221	5/16
20-222	3/8
20-223	1/2



**UNIVERSAL NUT & #M61B
BRASS SLEEVE ASSEMBLY**

Part Number	Tube O.D.
20-227	1/8
20-228	3/16
20-229	1/4
20-230	5/16
20-231	3/8
20-232	1/2



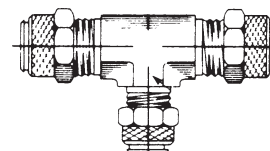
UNION TUBE #M62C

Part Number	Tube O.D.
20-235	1/4
20-236	5/16
20-237	3/8



UNION #M62P

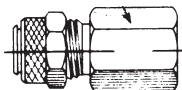
Part Number	Tube O.D.
20-240	1/8
20-241	3/16
20-242	1/4
20-243	5/16
20-244	3/8
20-245	1/2



UNION TEE #M64P

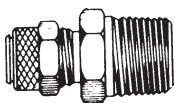
Part Number	Tube O.D.
20-248	1/8
20-249	3/16
20-250	1/4
20-251	5/16
20-252	3/8
20-253	1/2

Yellow Brass



FEMALE CONNECTOR #M66P

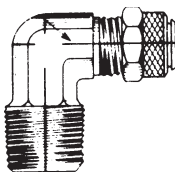
Part Number	Tube O.D.	Pipe Thread
20-256	1/8	1/8
20-257	3/16	1/8
20-258	3/16	1/4
20-259	1/4	1/8
20-260	1/4	1/4
20-261	5/16	1/8
20-262	3/8	1/4
20-263	1/2	3/8



MALE CONNECTOR #M68P

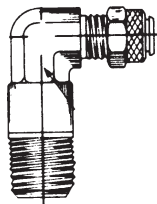
Part Number	Tube O.D.	Pipe Thread
20-267	1/8	10-32*
20-268	1/8	1/8
20-269	3/16	1/8
20-270	1/4	10-32*
20-271	1/4	1/8
20-272	1/4	1/4
20-273	1/4	3/8
20-274	5/16	1/8
20-275	5/16	1/4
20-276	3/8	1/8
20-277	3/8	1/4
20-278	3/8	3/8
20-279	1/2	3/8

*Furnished with Gaskets



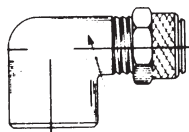
MALE ELBOW #M69P

Part Number	Tube O.D.	Pipe Thread
20-287	1/8	1/8
20-288	3/16	1/8
20-289	1/4	1/8
20-290	1/4	1/4
20-291	1/4	3/8
20-292	5/16	1/8
20-293	3/8	1/8
20-294	3/8	1/4
20-295	3/8	3/8
20-296	1/2	3/8



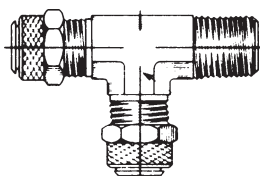
EXTRA LONG MALE ELBOW #M69L

Part Number	Tube O.D.	Pipe Thread
20-283	1/4	1/4



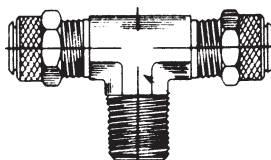
FEMALE ELBOW #M70P

Part Number	Tube O.D.	Pipe Thread
20-300	1/8	1/8
20-301	3/16	1/8
20-302	1/4	1/8
20-303	1/4	1/4
20-304	3/8	1/4
20-305	1/2	3/8



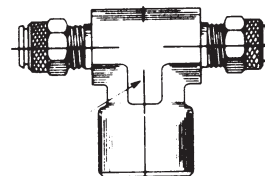
MALE RUN TEE #M71P

Part Number	Tube OD.	Pipe Thread
20-308	1/8	1/8
20-309	3/16	1/8
20-310	1/4	1/8
20-311	1/4	1/4
20-312	5/16	1/8
20-313	3/8	1/4
20-314	1/2	3/8



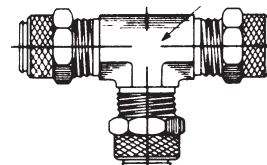
MALE BRANCH TEE #M72P

Part Number	Tube O.D.	Pipe Thread
20-317	1/8	1/8
20-318	3/16	1/8
20-319	1/4	1/8
20-320	1/4	1/4
20-321	5/16	1/8
20-322	3/8	1/8
20-323	3/8	1/4
20-324	1/2	3/8



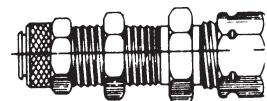
FEMALE BRANCH TEE #M77P

Part Number	Tube O.D.	Pipe Thread
20-327	1/4	1/8
20-328	1/4	1/4
20-329	1/4	3/8



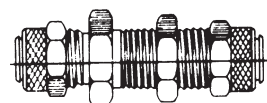
**UNION TEE #M79P
REDUCING ON BRANCH**

Part Number	Tube O.D.	Pipe Thread
20-330	3/8	1/4



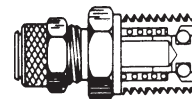
BULKHEAD UNION #M82C

Part Number	Tube O. D.
20-333	1/4
20-334	3/8



BULKHEAD UNION #M82P

Part Number	Tube O. D.
20-337	1/4
20-338	5/16
20-339	3/8
20-340	1/2



QUICK DISCONNECT FITTING #M92P
When tube is disconnected flow shuts off automatically

Part Number	Tube O.D.	Pipe Thread
20-344	1/4	1/8
20-345	1/4	1/4
20-346	5/16	1/8
20-347	3/8	1/4

Yellow Brass

Category 28 Lead Free Options Available

FORGED AND BARSTOCK PIPE FITTINGS

Packaged in quantities of 25.
Nickel plating available—POR.
(Except 3/4" & 1" sizes -10/bag.)
See page 26 for red brass fittings
and nipples.



BARSTOCK ELBOW #M-100BS

28-001	1/8
28-002	1/4
28-003	3/8
28-004	1/2
28-005	3/4



FORGED ELBOW #M-100FG

28-009	1/8
28-010	1/4
28-011	3/8
28-012	1/2
28-013	3/4
28-014	1/4 x 1/8
28-015	3/8 x 1/4
28-016	1/2 x 3/8



BARSTOCK 45° #M-10045BS

28-018	1/8
28-019	1/4



BARSTOCK TEE #M-101BS

28-024	1/8
28-025	1/4
28-026	3/8
28-027	1/2
28-028	3/4



FORGED TEE #M-101FG

28-032	1/8
28-033	1/4
28-034	3/8
28-035	1/2
28-036	3/4



BARSTOCK CROSS #M-102BS

28-041	1/8
28-042	1/4
28-043	3/8
28-044	1/2



FORGED CROSS #M-102FG

28-049	1/8
28-050	1/4
28-051	3/8
28-052	1/2



COUPLING #M-103BS

28-058	1/8
28-059	1/4
28-060	3/8
28-061	1/2
28-062	3/4



BARSTOCK UNION #M-104BS

28-067	1/8
28-068	1/4
28-069	3/8
28-070	1/2



BARSTOCK CAP #M-108BS

28-075	1/8
28-076	1/4
28-077	3/8
28-078	1/2
28-079	3/4



BARSTOCK PLUG #M-109BS

28-084	1/8
28-085	1/4
28-086	3/8
28-087	1/2
28-088	3/4
28-089	1



Allenhead Plug

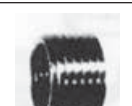
BARSTOCK PLUG #M-109AL

28-093	1/8
28-094	1/4
28-095	3/8
28-096	1/2
28-097	3/4



BARSTOCK BUSHING #M-110BS

28-102	1/4 x 1/8
28-103	3/8 x 1/8
28-104	3/8 x 1/4
28-105	1/2 x 1/8
28-106	1/2 x 1/4
28-107	1/2 x 3/8
28-108	3/4 x 1/8
28-109	3/4 x 1/4
28-110	3/4 x 3/8
28-111	3/4 x 1/2
28-112	1 x 1/4
28-113	1 x 3/8
28-114	1 x 1/2
28-115	1 x 3/4



FACE BUSHING #M-110F

28-116	1/4 x 1/8
28-120	3/8 x 1/4
28-117	1/2 x 3/8
28-121	3/4 x 3/8
28-118	3/4 x 1/2



LOCK NUT #M-111BS

28-123	1/8
28-124	1/4
28-125	3/8
28-126	1/2

Yellow Brass

Category 28 Lead Free Options Available



YELLOW BRASS CLOSE NIPPLE #M-112YB

28-131	1/8 x CL
28-132	1/4 x CL
28-133	3/8 x CL
28-134	1/2 x CL
28-135	3/4 x CL



YELLOW BRASS NIPPLES #M-113YB

28-140	1/8 x 1 1/2
28-141	1/8 x 2
28-142	1/8 x 2 1/2
28-143	1/8 x 3
28-144	1/4 x 1 1/2
28-145	1/4 x 2
28-146	1/4 x 2 1/2
28-147	1/4 x 3
28-148	3/8 x 1 1/2
28-149	3/8 x 2
28-150	3/8 x 2 1/2
28-151	3/8 x 3
28-152	1/2 x 1 1/2
28-153	1/2 x 2
28-154	1/2 x 2 1/2
28-155	1/2 x 3



BARSTOCK ST. ELL #M-116BS

28-156	1/8
28-156S	1/8 short
28-157	1/4
28-157S	1/4 short
28-158	3/8
28-159	1/2
28-160	3/4



FORGED ST. ELBOW #M-116FG

28-165	1/8
28-166	1/4
28-167	3/8
28-168	1/2
28-169	3/4



SLOTTED PLUG #M-117

28-174	1/8
28-175	1/4
28-176	3/8



BARSTOCK REDUCER #M-119BS

28-181	1/4 x 1/8
28-182	3/8 x 1/8
28-183	3/8 x 1/4
28-184	1/2 x 1/4
28-185	1/2 x 3/8
28-188	3/4 x 3/8
28-189	3/4 x 1/2



ADAPTER #M-120

28-190	1/8 x 1/8
28-191	1/4 x 1/8
28-192	1/4 x 1/4
28-198	3/8 x 1/8
28-193	3/8 x 1/4
28-194	3/8 x 3/8
28-199	1/2 x 1/4
28-195	1/2 x 3/8
28-196	1/2 x 1/2
28-197	3/4 x 1/2



HEX HEAD PLUG #M-121

28-201	1/8
28-202	1/4
28-203	3/8
28-204	1/2
28-205	3/4
28-206	1



HEX NIPPLE #M-122

28-211	1/8
28-212	1/4
28-213	3/8
28-214	1/2
28-215	3/4
28-216	1



REDUCING NIPPLE #M-123

28-220	1/4 x 1/8
28-221	3/8 x 1/8
28-222	3/8 x 1/4
28-223	1/2 x 1/4
28-224	1/2 x 3/8
28-225	3/4 x 1/2



BARSTOCK ST. ELL #M-124BS

28-230	1/8
28-231	1/4
28-232	3/8
28-233	1/2
28-234	3/4



FORGED ST. ELBOW #M-124FG

28-238	1/8
28-239	1/4
28-240	3/8



BARSTOCK ST. TEE #M-127BS

28-245	1/8
28-246	1/4
28-247	3/8
28-248	1/2
28-249	3/4



FORGED ST. TEE #M-127FG

28-253	1/8
28-254	1/4
28-255	3/8
28-256	1/2
28-257	3/4



REDUCING ST. ELBOW #M-128

28-261	1/4 x 1/8
28-262	3/8 x 1/4
28-264	3/8 x 1/2
28-265	1/2 x 3/8



ELBOW #M-130

28-266	1/8
28-267	1/4
28-268	3/8
28-269	1/2

REDUCING ELBOW #M-130-R

28-274	1/4 x 1/8
28-275	3/8 x 1/4
28-276	1/2 x 3/8

Please
designate
if forged or
barstock needed.



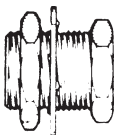
TEE #M-131

28-281	1/8
28-282	1/4
28-283	3/8
28-284	1/2
28-285	3/4



ALL MALE TEE #M-132

28-290	1/8
28-291	1/4
28-292	3/8
28-293	1/2
28-294	3/4



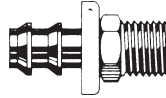
ANCHOR CONNECTOR

28-300	1/8
28-301	1/4 (short)
28-302	1/4 (long)
28-303	3/8
28-304	1/2

Yellow Brass

PUSH ON FITTINGS

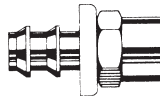
Sold in packages of 10.



MALE ADAPTER #429

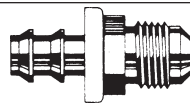
I.D. HOSE x I.P.T.

30-200	1/4 x 1/8
30-215	1/4 x 3/8
30-201	1/4 x 1/4
30-205A	5/16 x 1/8
30-205	5/16 x 1/4
30-202	3/8 x 1/8
30-203	3/8 x 1/4
30-204	3/8 x 3/8
30-212	3/8 x 1/2
30-206A	1/2 x 1/4
30-206	1/2 x 3/8
30-207	1/2 x 1/2
30-209	5/8 x 1/2
30-214	5/8 x 3/4
30-216	3/4 x 1/2
30-210	3/4 x 3/4



FEMALE ADAPTER #429SF

30-220	1/4 x 1/8
30-221	1/4 x 1/4
30-224	3/8 x 1/4
30-225	3/8 x 3/8
30-226	1/2 x 3/8
30-227	1/2 x 1/2



MALE SAE FLARE ADAPTER
#429MF

I.D. HOSE x O.D. TUBE

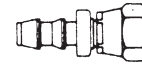
30-240	1/4 x 1/4
30-241	1/4 x 5/16
30-271	3/8 x 5/16
30-243	3/8 x 3/8
30-245	1/2 x 1/2



FEMALE SAE FLARE SWIVEL
#429SFF

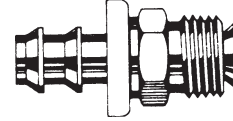
I.D. HOSE x O.D. TUBE

30-250	1/4 x 1/4
30-251	1/4 x 5/16
30-253A	1/4 x 3/8
30-254A	5/16 x 5/16
30-260	5/16 x 3/8
30-252	3/8 x 3/8
30-254	1/2 x 3/8
30-255	1/2 x 1/2
30-256	1/2 x 5/8
30-258	5/8 x 5/8
30-259	3/4 x 3/4



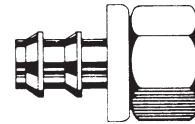
FEMALE JIC SWIVEL #429JIC

30-265	1/4 x 1/4
30-266	3/8 x 3/8
30-270	3/8 x 1/2
30-267	1/2 x 1/2
30-268	5/8 x 5/8
30-269	3/4 x 3/4



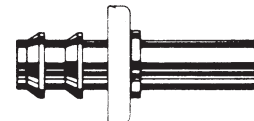
MALE INVERTED SWIVEL #429MIS

30-275	1/4 x 3/16
30-276	1/4 x 1/4
30-277	1/4 x 5/16
30-278	5/16 x 1/4
30-284	5/16 x 5/16
30-280	3/8 x 5/16
30-279	3/8 x 3/8
30-281	1/2 x 3/8
30-282	1/2 x 1/2
30-283	5/8 x 5/8



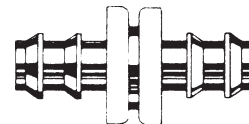
INVERTED FEMALE ADAPTER
#429FFR

30-310	1/4 x 3/16
30-311	1/4 x 1/4
30-312	1/4 x 5/16
30-313	3/8 x 5/16
30-314	3/8 x 3/8
30-315	1/2 x 1/2



RIGID TUBE ADAPTER #429RT
I.D. HOSE x I.D. TUBE

30-290	1/4 x 3/16
30-291	1/4 x 1/4
30-292	1/4 x 5/16
30-294	3/8 x 3/8
30-297	1/2 x 1/2



I.D. HOSE SPLICER #429SP

30-300	1/4
30-305	5/16
30-301	3/8
30-302	1/2
30-303	5/8
30-304	3/4



MALE ADAPTER
ID. HOSE x N.P.S.M.

30-321	1/4 x 1/4
30-326	3/8 x 1/2
30-328	1/2 x 1/2



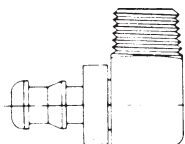
FEMALE SWIVEL
HOSE ID x BALL SEAT

30-340	1/4 x 1/8
30-341	1/4 x 1/4
30-343	3/8 x 1/4
30-344	3/8 x 3/8
30-346	1/2 x 1/2
30-348	5/8 x 3/4
30-349	3/4 x 3/4



FEMALE SWIVEL
ID HOSE x GASKET SEAT

30-357	1/4 x 1/8
30-358	1/4 x 1/4
30-360	3/8 x 1/4
30-361	3/8 x 3/8
30-362	3/8 x 1/2
30-363	1/2 x 1/2
30-365	5/8 x 3/4
30-366	3/4 x 3/4



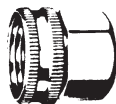
MALE ELBOW
ID HOSE x MIP

30-368	1/4 x 1/4
30-370	3/8 x 1/8
30-371	3/8 x 1/4
30-369	3/8 x 3/8
30-376	3/8 x 1/2
30-377	1/2 x 3/8
30-378	1/2 x 1/2

Yellow Brass

GARDEN HOSE ADAPTERS

Sold in packages of 10.



HOSE x PIPE SWIVEL #M-S-1
30-001 3/4 x 1/2

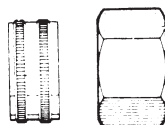
HOSE x PIPE SWIVEL #M-S-2
30-006 3/4 x 3/4



HOSE x HOSE SWIVEL #M-S-3
30-011 3/4 x 3/4



HOSE ADAPTER #M-1-G HA
30-016 3/4 x 1/8
30-017 3/4 x 1/4
30-018 3/4 x 3/8



GARDEN HOSE NUT #M-HN-12
30-021 Knurled
30-022 Hexnut

GARDEN HOSE PLUG #M-HP-12
30-026 3/4



GARDEN HOSE WASHER
30-150 5/8
30-150R 5/8 (Rubber)



GARDEN HOSE COUPLING
COMPLETE

ROD BRASS—1.19" shank
30-025 3/8
30-027 1/2
30-028 5/8
30-029 3/4
30-030 1
*Furnished with washers

FEMALE SWIVEL ONLY
30-031 3/8
30-032 1/2
30-033 5/8
30-034 3/4
30-035 1

MALE END ONLY
30-039 3/8
30-040 1/2
30-041 5/8
30-042 3/4
30-043 1



ROD BRASS—2" SHANK
COMPLETE

30-501 5/8
30-502 3/4
*Furnished with washers

FEMALE END
30-505 1/2
30-506 5/8
30-507 3/4

MALE END
30-511 5/8
30-512 3/4

Yellow Brass



WROUGHT BRASS COUPLINGS

COMPLETE

30-520	1/2
30-521	5/8
30-522	3/4

FEMALE END

30-525	1/2
30-526	5/8
30-527	3/4

MALE END

30-530	1/2
30-531	5/8
30-532	3/4



FE HOSE X FE HOSE

30-084	3/4 x 3/4
--------------	-----------



QUICK COUPLERS

30-450	COMPLETE
30-451	FEMALE END
30-452	MALE END



SWIVEL #M-75-GHS

FE HOSE X MALE PIPE

30-047	3/4 x 1/4
30-048	3/4 x 3/8
30-049	3/4 x 1/2



HOSE ADAPTER #M-77-GHA

MALE HOSE X MALE PIPE

30-053	3/4 x 3/8
30-058	3/4 x 1/2 x 1/2 SWT
30-063*	3/4 x 3/4
*(TAPPED 1/2 FEMALE)	



HOSE ADAPTER #M-80-GHA

MALE HOSE X FE PIPE

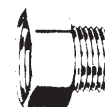
30-065	3/4 x 1/8
30-066	3/4 x 1/4
30-067	3/4 x 3/8
30-068	3/4 x 1/2
30-073	3/4 x 3/4



HOSE ADAPTER #M-82-GHA

FE HOSE X FEMALE PIPE

30-075	3/4 x 1/8
30-076	3/4 x 1/4
30-077	3/4 x 3/8
30-078	3/4 x 1/2
30-083	3/4 x 3/4



HOSE ADAPTER #M-84-GHA

FE HOSE X MALE PIPE

30-088	3/4 x 1/2 (1/2 SWT)
30-093	3/4 x 3/4



HOSE ADAPTER #M-86-GHA

MALE HOSE X MALE HOSE

30-098	3/4
--------------	-----

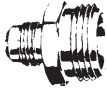


HOSE CAP #M-87-HC

30-103	3/4
30-104	3/4 w/chain

Yellow Brass

Trailer
Fittings



HOSE ADAPTER #M-88-GHA

FLARE X M HOSE

30-108 $\frac{3}{8}$ X $\frac{3}{4}$

30-113 $\frac{1}{2}$ X $\frac{3}{4}$

Trailer
Fittings



HOSE ADAPTER #M-94-GHA

FLARE X FE HOSE

30-123 $\frac{3}{8}$ X $\frac{3}{4}$

30-128 $\frac{1}{2}$ X $\frac{3}{4}$

30-133 $\frac{5}{8}$ X $\frac{3}{4}$



SWIVEL #M-99-GHS

30-138 $\frac{3}{8}$ X $\frac{3}{4}$

30-139 $\frac{1}{2}$ X $\frac{3}{4}$



CAST BRASS HOSE Y CONNECTOR

30-140 $\frac{3}{4}$ X $\frac{3}{4}$ X $\frac{3}{4}$



NON-CORROSIVE, 2-WAY HOSE SHUT-OFF "Y"

30-160 $\frac{3}{4}$



BRASS POWER NOZZLE

30-172 $\frac{3}{4}$



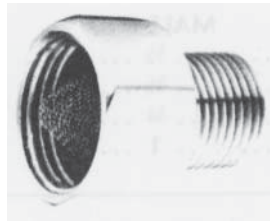
BRASS ADJUSTABLE NOZZLE

30-175 $\frac{3}{4}$



FILTER WASHER

30-180 Fits all



SWIVEL ADAPTER FEMALE HOSE X MNPT

30-183 $\frac{3}{4}$ " X $\frac{1}{2}$ "

**ACR
FOR
ALL
YOUR
FITTING
NEEDS!**

Yellow Brass

BARBED HOSE FITTINGS

1/8 thru 1/2 -25/bag 5/8 and up -10/bag



MALE ADAPTER #M-29

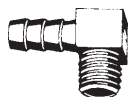
32-001	1/8 x 1/8
32-027	1/8 x 1/4
32-002	3/16 x 1/8
32-003	3/16 x 1/4
32-004	1/4 x 1/8
32-005	1/4 x 1/4
32-006	1/4 x 3/8
32-007	1/4 x 1/2
32-008	5/16 x 1/8
32-009	5/16 x 1/4
32-010A	5/16 x 1/2
32-010	5/16 x 3/8
32-011	3/8 x 1/8
32-012	3/8 x 1/4
32-013	3/8 x 3/8
32-014	3/8 x 1/2
32-026	3/8 x 3/4
32-015	1/2 x 1/4
32-016	1/2 x 3/8
32-017	1/2 x 1/2
32-018	1/2 x 3/4
32-019	5/8 x 3/8
32-020	5/8 x 1/2
32-021	5/8 x 3/4
32-022	3/4 x 1/2
32-023	3/4 x 3/4
32-024	1 x 3/4
32-025	1 x 1
32-028	1 1/4 x 1



NSPM x
NPT

BALL SEAT ADAPTER #M-29-BS

32-034	1/4 x 1/8
32-030	1/4 x 1/4
32-031	3/8 x 3/8
32-032	1/2 x 1/2
32-033	3/4 x 3/4



Forged &
Barstock
Available

ELBOW #M-29-EL

32-038	1/4 x 1/8
32-039	1/4 x 1/4
32-036	5/16 x 1/8
32-040	5/16 x 1/4
32-040A	5/16 x 3/8
32-046	3/8 x 1/8
32-041	3/8 x 1/4
32-041L	3/8 x 1/4 (LONG)
32-042	3/8 x 3/8
32-047	3/8 x 1/2
32-048	1/2 x 1/4
32-043	1/2 x 3/8
32-044*	5/8 x 3/8
32-045*	5/8 x 1/2

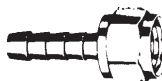
*Not a traditional barb



No
Swivel

FEMALE ADAPTER # M-29-SF

32-050	1/8 x 1/8
32-051	3/16 x 1/8
32-062	3/16 x 1/4
32-052	1/4 x 1/8
32-053	1/4 x 1/4
32-054	1/4 x 3/8
32-055	5/16 x 1/8
32-056	5/16 x 1/4
32-057	3/8 x 1/8
32-058	3/8 x 1/4
32-059	3/8 x 3/8
32-063	3/8 x 1/2
32-064	1/2 x 1/4
32-060	1/2 x 3/8
32-061	1/2 x 1/2
32-065	3/4 x 3/4
32-049	1 x 3/4



BALL END SWIVEL #M-29-FBS

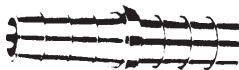
32-066	1/8 x 1/8
32-067	3/16 x 1/8
32-068	3/16 x 1/4
32-069	1/4 x 1/8
32-070	1/4 x 1/4
32-078	1/4 x 3/8
32-071	5/16 x 1/4
32-072	3/8 x 1/4
32-073	3/8 x 3/8
32-074	3/8 x 1/2
32-075	1/2 x 3/8
32-076	1/2 x 1/2
32-077	3/4 x 3/4



37° Available
Upon Request

45° FLARE ADAPTER #M-29-MF

32-081	1/4 x 1/4
32-082	1/4 x 3/8
32-083	5/16 x 5/16
32-084	3/8 x 3/8
32-085	3/8 x 1/2



SPLICER #M-29-SP

32-091	1/8
32-092	3/16
32-093	1/4
32-094	5/16
32-095	3/8
32-096	1/2
32-097	5/8
32-098	3/4



37° Available
Upon Request

FE 45° FLARE SWIVEL #M-29-SFF

32-107	3/16 x 1/4
32-101	1/4 x 1/4
32-102	1/4 x 5/16
32-103	1/4 x 3/8
32-108	1/4 x 1/2
32-104	5/16 x 5/16
32-105	3/8 x 3/8
32-106	3/8 x 1/2
32-100	1/2 x 1/2



45° ELBOW #M-29EL45 BARB x MIP

32-110	1/4 x 1/8
32-109	1/4 x 1/4
32-111	3/8 x 1/8
32-112	3/8 x 1/4
32-113	3/8 x 3/8
32-114	1/2 x 3/8
32-115	5/8 x 3/8



Fe. Pipe

GASKET SWIVEL ADAPTER #M-29-GS

32-120	1/4 x 1/8
32-121	1/4 x 1/4
32-122	3/8 x 1/4
32-124	1/2 x 3/8
32-125	1/2 x 1/2
32-119	3/4 x 3/4



SWIVEL MALE ADAPTER

32-200	1/4 x 1/4
32-201	3/8 x 1/4
32-202	3/8 x 3/8



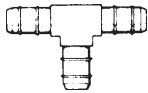
NSPM - MALE ADAPTER (National Pipe Straight)

32-212	3/8 x 3/8
--------	-----------

Yellow Brass

TWO BARB FITTINGS

Sold 25 in a bag.

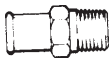


UNION TEE

32-159	1/4
32-160	3/8
32-162	1/2

BEADED BARB FITTINGS

Sold 25 in a bag.



HOSE BARB

32-180	3/8 X 3/8
32-181	1/2 X 3/8
32-182	5/8 X 3/8
32-183	5/8 X 1/2
32-184	3/4 X 1/2
32-185	1 X 3/4

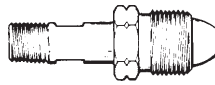


HOSE BARB ELBOW

32-186	3/8 X 3/8
32-187	1/2 X 3/8
32-188	5/8 X 3/8
32-189	5/8 X 1/2
32-190	3/4 X 1/2

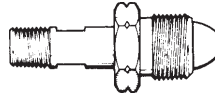
POL FITTINGS (BOTTLE GAS)

POL Fittings sold 25/bag.



TAILPIECE & NUT ASSEMBLY

34-022	1/4
--------------	-----



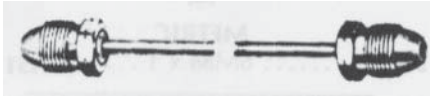
TAILPIECE & LARGE HEX NUT ASSEMBLY

34-023	1/4
--------------	-----

Yellow Brass

PIGTAILS

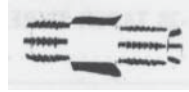
Sold 10/bag.



POL x POL

	HEX	NIPPLE	LGTH
34-102	$\frac{7}{8}$	long	20

WELDING HOSE ADAPTERS



RIGHT HAND 9/16-18 #122RWA

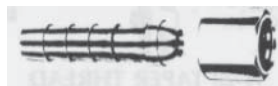
30-401 $\frac{1}{4}$



LEFT HAND 9/16-18 #122LWA

30-406 $\frac{1}{4}$

WELDING HOSE CONNECTORS



**CONNECTOR AND NUT
RIGHT HAND 9/16-18 #29RWA
FOR OXYGEN LINE**

30-411 $\frac{1}{4}$

30-412 $\frac{5}{16}$



**CONNECTOR AND NUT
LEFT HAND 9/16-18 #29RWA
FOR ACETYLENE LINE**

30-416 $\frac{1}{4}$

30-417 $\frac{5}{16}$

30-420 R.H. Nut Only

30-421 L.H. Nut Only

GREASE FITTINGS

Sold 100 /Bag - Meets SAE#J-534C

BALL CHECK



#610

PIPE THREAD

36-110 1/8

BALL CHECK



#607

PIPE THREAD

36-112 1/8

30° ANGLE
BALL CHECK



#611

PIPE THREAD

36-114 1/8

45° ANGLE
BALL CHECK



#688

PIPE THREAD

36-116 1/8

65° ANGLE
BALL CHECK



#612

PIPE THREAD

36-118 1/8

90° ANGLE
BALL CHECK



#613

PIPE THREAD

36-120 1/8

BALL CHECK



#627

PIPE THREAD

36-130 1/4

65° ANGLE
BALL CHECK



#629

PIPE THREAD

36-132 1/4

SHORT
BALL CHECK



#641

1/4-28 TAPER THREAD

36-140

LONG
BALL CHECK



#652

1/4-28 TAPER THREAD

36-142

EXTRA LONG
BALL CHECK



#680

1/4-28 TAPER THREAD

36-144

SHORT 45°
BALL CHECK



#637

1/4-28 TAPER THREAD

36-146

BALL CHECK



#608

DRIVE TYPE

36-160 5/16

BALL CHECK



#728

DRIVE TYPE

36-164 3/16

BALL CHECK



#743

DRIVE TYPE

36-166 1/4



#711

METRIC

36-168 6MM x 1

Yellow Brass

AIR BRAKE FOR NYLON TUBING

MEETS D O T FMVSS 571.106 AIR BRAKE SPECIFICATIONS

Air brake nuts and sleeves sold 25/bag.
Fittings sold 10/bag.



SLEEVE #60NAB

38-001	1/4
38-002	3/8
38-003	1/2
38-004	5/8
38-005	3/4



NUT #61 NAB

38-010	1/4
38-011	3/8
38-012	1/2
38-013	5/8
38-014	3/4



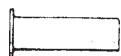
UNION #62NAB

38-019	1/4
38-020	3/8
38-021	1/2
38-022	5/8
38-023	3/4



UNION #62NBH

38-028	1/4
38-029	3/8



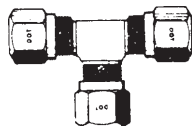
STEEL INSERT

38-035	1/4
38-036	3/8
38-037	1/2
38-038	5/8
38-039	3/4



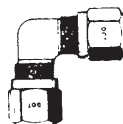
BRASS INSERT

38-040	1/4
38-041	3/8
38-042	1/2
38-043	5/8



TEE #64NAB

38-044	1/4
38-045	3/8
38-046	1/2
38-047	5/8



ELBOW #65NAB

38-052	1/4
38-053	3/8
38-054	1/2
38-055	5/8



FE ADAPTER #66NAB

38-060	1/4 x 1/8
38-061	1/4 x 1/4
38-062	3/8 x 1/8
38-063	3/8 x 1/4
38-064	3/8 x 3/8
38-065	1/2 x 3/8
38-066	1/2 x 1/2
38-067	5/8 x 3/8



MALE ADAPTER #68NAB

38-073	1/4 x 1/8
38-074	1/4 x 1/4
38-075	1/4 x 3/8
38-076	3/8 x 1/8
38-077	3/8 x 1/4
38-078	3/8 x 3/8
38-079	3/8 x 1/2
38-080	1/2 x 1/4
38-081	1/2 x 3/8
38-082	1/2 x 1/2
38-083	5/8 x 3/8
38-084	5/8 x 1/2
38-085	3/4 x 1/2
38-086	3/4 x 3/4



MALE ELBOW #69NAB

38-091	1/4 x 1/8
38-092	1/4 x 1/4
38-093	1/4 x 3/8
38-094	3/8 x 1/8
38-095	3/8 x 1/4

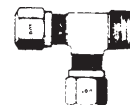
MALE ELBOW (Cont.)

38-101	3/8 x 3/8
38-102	3/8 x 1/2
38-103	1/2 x 1/4
38-104	1/2 x 3/8
38-105	1/2 x 1/2
38-106	5/8 x 3/8
38-107	5/8 x 1/2
38-108	3/4 x 1/2



FEMALE ELBOW #70N AB

38-113	1/4 x 1/8
38-114	1/4 x 1/4
38-115	3/8 x 1/8
38-116	3/8 x 1/4
38-117	3/8 x 3/8
38-118	1/2 x 3/8
38-119	1/2 x 1/2
38-120	5/8 x 1/2



TEE #71N AB

38-125	1/4 x 1/8
38-126	1/4 x 1/4
38-127	3/8 x 1/4
38-128	3/8 x 3/8
38-129	1/2 x 3/8
38-131	5/8 x 1/2



TEE #72N AB

38-136	1/4 x 1/8
38-137	1/4 x 1/4
38-138	3/8 x 1/8
38-139	3/8 x 1/4
38-140	3/8 x 3/8
38-141	1/2 x 3/8
38-142	1/2 x 1/2
38-143	5/8 x 1/2



45° ELBOW #6945NAB

38-148	1/4 x 1/8
38-149	1/4 x 1/4
38-150	3/8 x 1/8
38-151	3/8 x 1/4
38-152	3/8 x 3/8
38-153	3/8 x 1/2
38-154	1/2 x 3/8
38-155	1/2 x 1/2
38-156	5/8 x 1/2

Yellow Brass

AIR BRAKE FOR COPPER TUBING

MEETS SAE J246 AUTOMOTIVE SPECIFICATIONS
Air brake nuts and sleeves sold 25/bag.
Fittings sold 10/bag.



SLEEVE #60AB

38-161	1/4
38-162	3/8
38-163	1/2
38-164	5/8
38-165	3/4



NUT #61AB

38-170	1/4
38-171	3/8
38-172	1/2
38-173	5/8
38-174	3/4



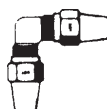
UNION #62AB

38-179	1/4
38-180	3/8
38-181	1/2
38-182	5/8



TEE #64AB

38-189	3/8
38-190	1/2
38-191	5/8



ELBOW #65AB

38-197	3/8
38-199	5/8



FE ADAPTER #66AB

38-206	3/8 x 1/8
38-207	3/8 x 1/4
38-208	3/8 x 3/8
38-209	1/2 x 3/8
38-210	1/2 x 1/2
38-212	5/8 x 1/2



MALE ADAPTER #68AB

38-217	1/4 x 1/8
38-218	1/4 x 1/4
38-220	3/8 x 1/8
38-221	3/8 x 1/4
38-222	3/8 x 3/8
38-224	1/2 x 1/4
38-225	1/2 x 3/8
38-226	1/2 x 1/2
38-227	5/8 x 3/8
38-228	5/8 x 1/2
38-230	3/4 x 3/4



ELBOW #69AB

38-235	1/4 x 1/8
38-236	1/4 x 1/4
38-237	1/4 x 3/8
38-238	3/8 x 1/8
38-239	3/8 x 1/4
38-240	3/8 x 3/8
38-241	3/8 x 1/2
38-242	1/2 x 1/4
38-243	1/2 x 3/8
38-244	1/2 x 1/2
38-245	5/8 x 3/8
38-246	5/8 x 1/2



ELBOW #70AB

38-253	1/4 x 1/4
38-256	3/8 x 3/8
38-258	1/2 x 1/2



TEE #71AB

38-264	1/4 x 1/8
38-265	1/4 x 1/4
38-268	1/2 x 3/8
38-269	1/2 x 1/2
38-270	5/8 x 1/2



TEE #72AB

38-276	1/4 x 1/4
38-278	3/8 x 1/4
38-280	1/2 x 3/8



45° ELBOW #6945AB

38-287	1/4 x 1/8
38-288	1/4 x 1/4
38-289	3/8 x 1/8
38-290	3/8 x 1/4
38-292	3/8 x 1/2
38-294	1/2 x 1/2
38-295	5/8 x 1/2

Yellow Brass

NEEDLE VALVES

All valves in this section packaged 5/bag. Made with either pin handle or pressed on handle. Please specify if you have a preference.



STRAIGHT

COMP TO MALE PIPE M-133-C

- 46-001 $\frac{3}{16}$ X $\frac{1}{8}$
 #M-101-C
 46-002 $\frac{1}{4}$ X $\frac{1}{8}$
 #M-1010-C
 46-003 $\frac{1}{4}$ X $\frac{1}{4}$
 #M-102-C
 46-004 $\frac{5}{16}$ X $\frac{1}{8}$
 #M-143-C
 46-005 $\frac{3}{8}$ X $\frac{1}{4}$



ANGLE

- #M- 33-C
 46-010 $\frac{3}{16}$ X $\frac{1}{8}$
 #M -103-C
 46-011 $\frac{1}{4}$ X $\frac{1}{8}$
 #M-104-C
 46-012 $\frac{1}{4}$ X $\frac{1}{4}$
 #M-302-C
 46-015 $\frac{3}{8}$ X $\frac{1}{8}$
 #M-303-C
 46-016 $\frac{3}{8}$ X $\frac{1}{4}$



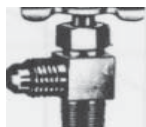
COMP TO COMP #M-105-C

- 46-020 $\frac{3}{16}$
 #M-106-C
 46-021 $\frac{1}{4}$
 #M-107-C
 46-022 $\frac{5}{16}$
 #M-113-C
 46-023 $\frac{3}{8}$



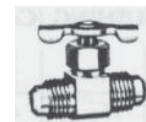
FLARE TO MALE PIPE #M-104-SAE

- 46-028 $\frac{1}{4}$ X $\frac{1}{8}$
 #M-1040-SAE
 46-029 $\frac{1}{4}$ X $\frac{1}{4}$
 #M-106-SAE
 46-030 $\frac{5}{16}$ X $\frac{1}{8}$
 #M-108-SAE
 46-031 $\frac{3}{8}$ X $\frac{1}{4}$



FLARE TO MALE PIPE #M-103-SAE

- 46-036 $\frac{1}{4}$ X $\frac{1}{8}$
 #M-301 -SAE
 46-037 $\frac{1}{4}$ X $\frac{1}{4}$
 #M-203-SAE
 46-038 $\frac{5}{16}$ X $\frac{1}{8}$
 #M-204-SAE
 46-039 $\frac{5}{16}$ X $\frac{1}{4}$
 #M-303-SAE
 46-040 $\frac{3}{8}$ X $\frac{1}{4}$



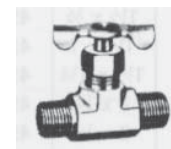
FLARE TO FLARE #M-110-SAE

- 46-045 $\frac{1}{4}$
 #M-115-SAE
 46-046 $\frac{3}{8}$



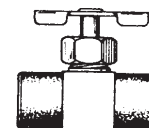
MULTI-PURPOSE AIR VENT

- 46-048 $\frac{1}{8}$



MALE PIPE TO MALE PIPE #M-108-P

- 46-050 $\frac{1}{8}$
 #M-110-P
 46-051 $\frac{1}{4}$

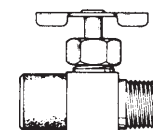


FEMALE PIPE TO FE PIPE #M-304-P

- 46-055 $\frac{1}{8}$

#M-3044-P

- 46-056 $\frac{1}{4}$



FEMALE PIPE TO MALE PIPE #M-305-P

- 46-060 $\frac{1}{8}$

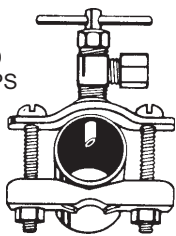
#M-3055-P

- 46-061 $\frac{1}{4}$

Yellow Brass

SADDLE VALVES

FITS 3/8 OD
THRU 3/4 IPS



SELF PIERCING #M-104-VSP

46-090 1/4

**PLAIN VALVE
WITH STEEL SADDLE #M-104-SSV**
NOT SELF-PIERCING

46-091 1/4

**PLAIN VALVE
WITH BRASS SADDLE #M-104-BSV**

46-092 1/4



SADDLE TEE #M-109-BST

46-099 1/8

46-097 1/2 x 3/4



**WATER LINE TAKE OFF
VALVE AND TEE #M-78-HV**

46-175 3/8 x 1/4

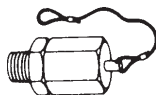
46-178 3/8 x 3/8

46-176 1/2 x 1/4

46-177 5/8 x 1/4

- Ice Makers
- Water Coolers
- Humidifiers

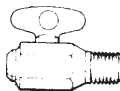
DRAIN COCKS



AIR TANK DRAIN VALVE

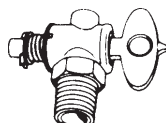
Self-sealing w/ 5ft. remote cable

46-065 1/4



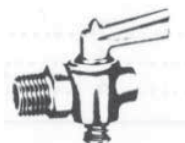
DRAIN COCK 150 PSI

46-066 1/4



**TRUCK DRAIN
150 PS.I.**

46-068 1/4



LEVER HANDLE #M-41-P

46-070 1/8

M-42-P

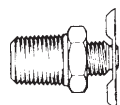
46-071 1/4

M-43-P

46-072 3/8

M-44-P

46-073 1/2

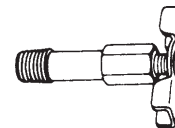


INTERNAL SEAT

46-074 1/8

46-075 1/4

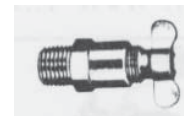
46-077 3/8



LONG INTERNAL SEAT

46-078 1/8

Internal
Seat



TEE HANDLE #M-200-P

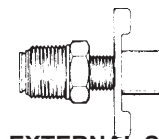
46-080 1/8

#M-201-P

46-081 1/4

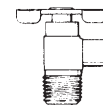
#M-202-P

46-082 3/8



EXTERNAL SEAT

46-084 1/4



302P

BIBB NEDLE VALVE

46-088 1/8 MIP

46-089 1/4 MIP

EXTERNAL
SEAT



RADIATOR TYPE #M-320-P

46-085 1/8

#M-321-P

46-086 1/4

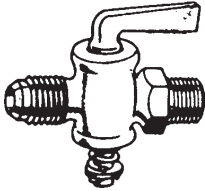
#M-322-P

46-087 3/8

46-087 1/2

Yellow Brass

SHUT-OFF COCKS



FLARE TO MALE PIPE

46-100	.....	1/4 x 1/8
46-101	.....	1/4 x 1/4
46-103	.....	5/16 x 1/4
46-104	.....	3/8 x 1/4
46-105	.....	3/8 x 3/8
46-108	.....	1/2 x 1/2



FLARE TO FLARE

46-115	.....	1/4
	AGA APPROVED	
46-117	.....	3/8
	AGA APPROVED	
46-118	.....	1/2



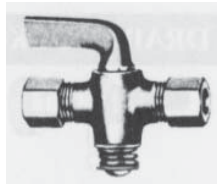
FLARE TO FEMALE PIPE

	AGA APPROVED	
46-125	.....	3/8 x 1/2
	AGA APPROVED	
46-128	.....	1/2 x 1/2



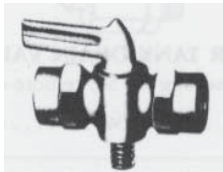
COMP TO MALE PIPE

46-130	.....	1/4 x 1/8
46-131	.....	1/4 x 1/4
46-132	.....	5/16 x 1/8
46-133	.....	5/16 x 1/4
46-134	.....	3/8 x 1/4



COMP TO COMP

46-140	.....	1/4
46-141	.....	5/16
46-142	.....	3/8
46-143	.....	1/2



FEMALE TO FEMALE PIPE

46-151	.....	1/8
46-152	.....	1/4
46-153	.....	3/8
46-154	.....	1/2



FEMALE TO MALE PIPE

46-160	.....	1/8
46-161	.....	1/4
46-162	.....	3/8



MALE TO MALE PIPE

46-165	.....	1/8
46-166	.....	1/4
46-167	.....	3/8

3-WAY VALVE



• With Click

#M-108-MID

46-250	.....	1/8
46-251	.....	1/4
46-252	.....	3/8

4-WAY VALVE



• With Click

#M-114-MID

46-255	.....	1/4
46-256	.....	3/8

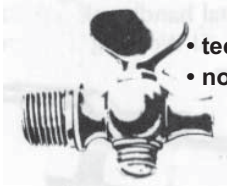
WITH LONG STEM #M-115-MID

46-260	.....	1/4
46-261	.....	3/8

Yellow Brass

AIR COCKS

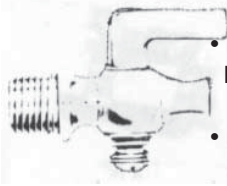
Tested to 80 P.S.I.



MIP x BIBB

46-300 1/8

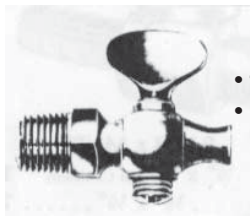
46-301 1/4



MIP x BIBB

46-305 1/8

46-306 1/4



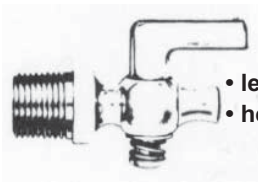
MIP x BIBB

46-310 1/8

46-311 1/4

46-312 3/8

46-313 1/2



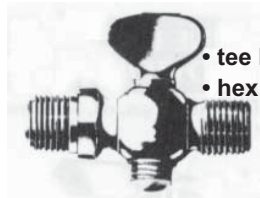
MIP x BIBB

46-315 1/8

46-316 1/4

46-317 3/8

46-318 1/2



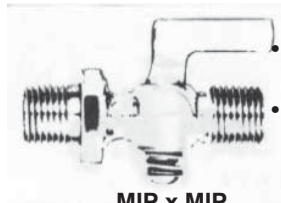
MIP x MIP

46-320 1/8

46-321 1/4

46-322 3/8

46-323 1/2



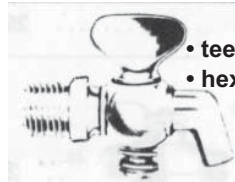
MIP x MIP

46-324 1/8

46-325 1/4

46-326 3/8

46-327 1/2



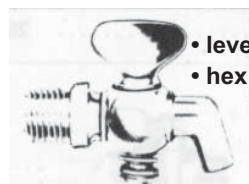
MIP x BIBB NOSE

46-330 1/8

46-331 1/4

46-332 3/8

46-333 1/2



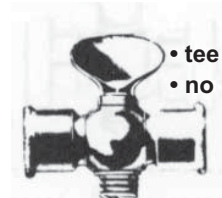
MIP x BIBB NOSE

46-335 1/8

46-336 1/4

46-337 3/8

46-338 1/2

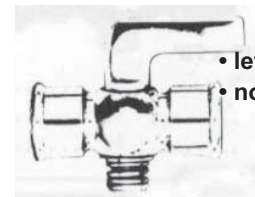


FIP x FIP

46-340 1/8

46-341 1/4

46-342 3/8



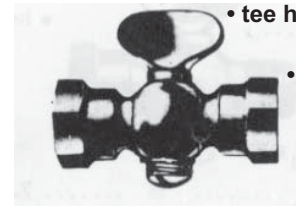
FIP x FIP

46-345 1/8

46-346 1/4

46-347 3/8

46-348 1/2



FIP x FIP

46-350 1/8

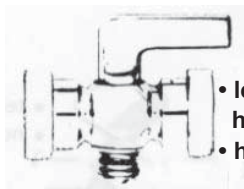
46-351 1/4

46-352 3/8

Yellow Brass

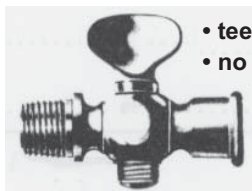
MARINE UL LISTED SOLID BOTTOM VALVES

O-ring sealed for use on gas, oil, kerosene and air systems up to 30 P.S.I.G.



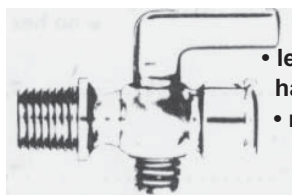
FIP x FIP

46-355	1/8
46-356	1/4
46-357	3/8
46-358	1/2



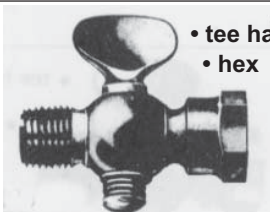
MIP x FIP

46-360	1/8
46-361	1/4
46-362	3/8



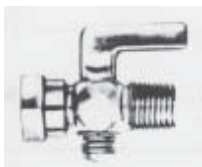
MIP x FIP

46-365	1/8
46-366	1/4
46-367	3/8
46-368	1/2



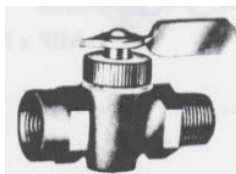
MIP x FIP

46-370	1/8
46-371	1/4
46-372	3/8



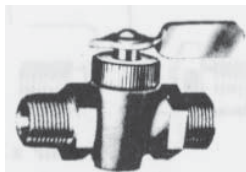
FIP x MIP

46-375	1/8
46-376	1/4
46-377	3/8
46-378	1/2



#M-70-SBV FPT x MPT

46-400	1/8
46-401	1/4
46-402	3/8



#M-71-SBV MPT x MPT

46-406	1/4
--------------	-----



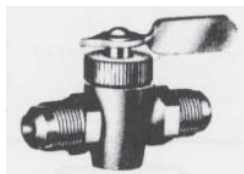
#M-72-SBV FPT x FPT

46-411	1/4
46-412	3/8



#M-75-SBV FL x MPT

46-428	1/4 x 1/4
46-429	3/8 x 1/4
46-430	3/8 x 3/8



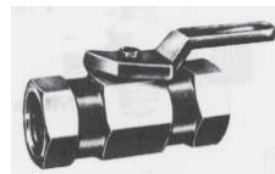
#M-76-SBV Flare x Flare

46-437	3/8
46-438	1/2

- Six port valve available upon request.
- Solid bottom valves not listed with UL available.
- 90° stop UL valves not for marine use also available

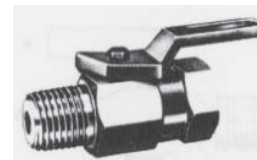
U.L. TWO WAY VALVES

Buna-N Seal, Teflon Seat,
Plated metal handle, plated brass ball.
250 PSI Working Pressure



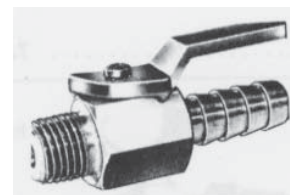
FNPT x FNPT

46-440	1/4" x 1/4"
--------------	-------------



FNPT x MNPT

46-442	1/8" x 1/8"
46-443	1/4" x 1/4"
46-444	3/8" x 3/8"

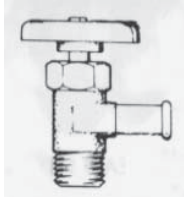


BARB x MNPT

46-445	1/4" x 1/4" (Not UL Listed)
46-446	 3/8" x 1/4"
46-446AL	 3/8" x 1/4" (aluminum)

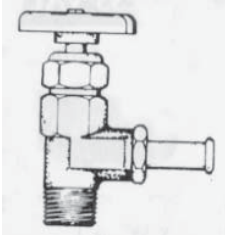
Yellow Brass

TRUCK VALVES



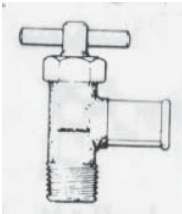
HOSE TO MALE PIPE #404V

- 46-450 $\frac{3}{8} \times \frac{3}{8}$
 46-451 $\frac{5}{8} \times \frac{3}{8}$
 46-453 $\frac{3}{4} \times \frac{3}{8}$
 46-454 $\frac{3}{4} \times \frac{1}{2}$



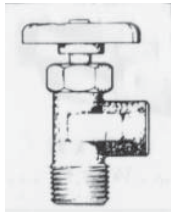
HOSE TO MALE PIPE #404V

- 46-455 $\frac{5}{8} \times \frac{1}{2}$
 46-456 $\frac{3}{4} \times \frac{1}{2}$



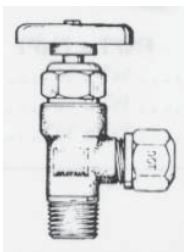
HOSE TO MALE PIPE (PIN HANDLE) #404VPH

- 46-460 $\frac{5}{8} \times \frac{3}{8}$



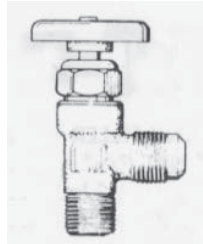
FEMALE TO MALE PIPE #405V

- 46-465 $\frac{3}{8} \times \frac{3}{8}$
 46-466 $\frac{3}{8} \times \frac{1}{2}$
 46-467 $\frac{1}{2} \times \frac{1}{2}$



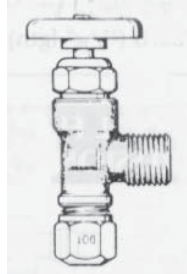
AIR BRAKE TO MALE PIPE #408NAB

- 46-470 $\frac{1}{2} \times \frac{1}{2}$



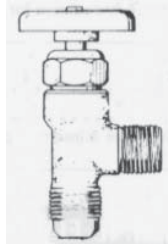
FLARE TO MALE PIPE #409V

- 46-476 $\frac{5}{8} \times \frac{1}{2}$



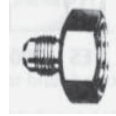
AIR BRAKE TO MALE PIPE #410NAB

- 46-480 $\frac{1}{2} \times \frac{1}{2}$



FLARE TO MALE PIPE #412V

- 46-485 $\frac{5}{8} \times \frac{1}{2}$



DRUM ADAPTERS #M-K1-1

Flare x FIP

- 50001 $\frac{1}{4} \times \frac{3}{4}$



COOLER DRAIN #M-87-CD

- 50-016 $\frac{3}{4} \times \frac{1}{2}$



LAVATORY NUT #M-702

- 50-032

CAST BALLCOCK NUT

- 61-250 regular

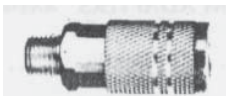
Yellow Brass

INDUSTRIAL DISCONNECTS

1/4" SERIES - 300 PSI

For joining pneumatic and fluid transfer lines

SINGLE SHUT-OFF



BRASS COUPLERS

MALE PIPE THREAD

28-500 1/4"



FEMALE PIPE THREAD

28-510 1/4"



PLUGS

MALE PIPE THREAD

28-520 1/4" Brass



FEMALE PIPE THREAD

28-525 1/4" Brass

*3/8" Series Available—POR

AIR VALVES

AIR CHUCKS

For live air only with built in shut-off valve.



BALL FOOT CHUCK

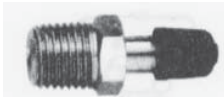
46-600 1/4" NPT



PUSH-BUTTON BLEEDER VALVE

(For compressed air systems)
.305-32 Thd

46-610 1/8" NPT



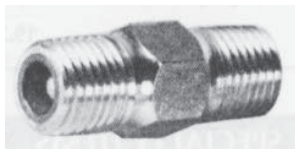
TANK FILLER VALVE

46-620 1/8" NPT (7/16" lgth)

46-621 1/8" NPT (3/4" lgth)

46-622 1/4" NPT (3/4" lgth)

MARINE FITTINGS



ANTI-SIPHON VALVES

NPT x NPT

46-520 1/4" x 1/4"

46-521 3/8" x 3/8"

46-522 1/2" x 1/2"



ANTI-SIPHON VALVE

BARB x NPT

46-528 1/4" x 1/4"

46-530 5/16" x 1/4"

46-531A 3/8" x 1/4" (aluminum)

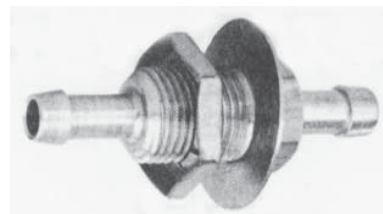
46-531 3/8" x 1/4"

46-532 3/8" x 3/8"

46-533 1/2" x 3/8"

46-535 1/2" x 1/2"

46-534 5/8" x 3/8"



BULKHEAD FITTINGS

46-540 5/16"

46-541 3/8"

¥ Meets all U.S. Coast Guard Standards.

ACCESS VALVES

Caps with core removers included.



MALE FLARE x MPT (Solder)

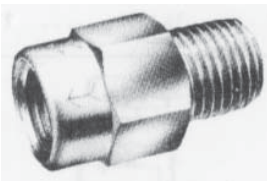
46-701 1/4" x 1/4" (5/16")

CHECK VALVES



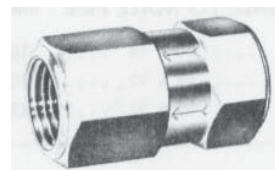
MNPT x MNPT

46-500 1/4" x 1/4"



MNPT x FNPT

46-505 1/4" x 1/4"



FNPT x FNPT

46-510 1/4" x 1/4"

46-511 3/8" x 3/8"

46-512 1/2" x 1/2"