Series 41
BRASS FITTINGS



BRASS FITTINGS

FEATURES AND BENEFITS

- One-piece construction
- Manufactured with threads that conform to the American Standard Taper Size Thread
- Good resistance to vibration and pipe movement
- Corrosion resistant





APPLICATIONS

Compressed air, vacuum, water

MATERIALS

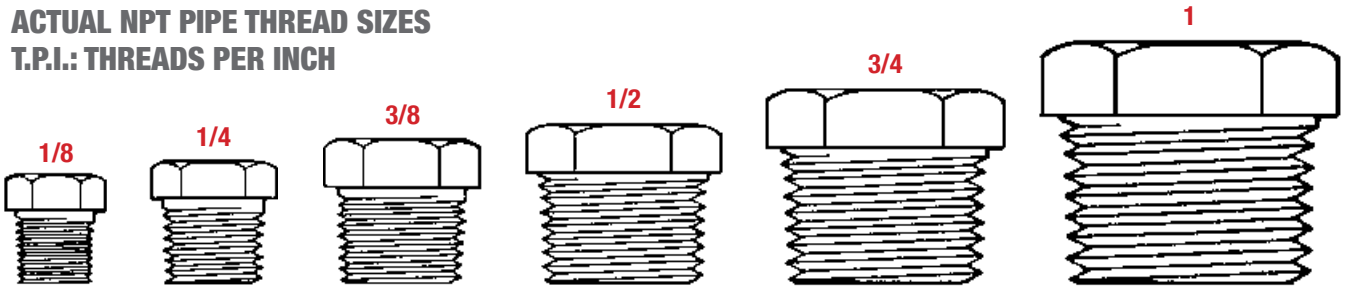
Brass (metric sizes: nickel plated brass)

SPECIFICATIONS

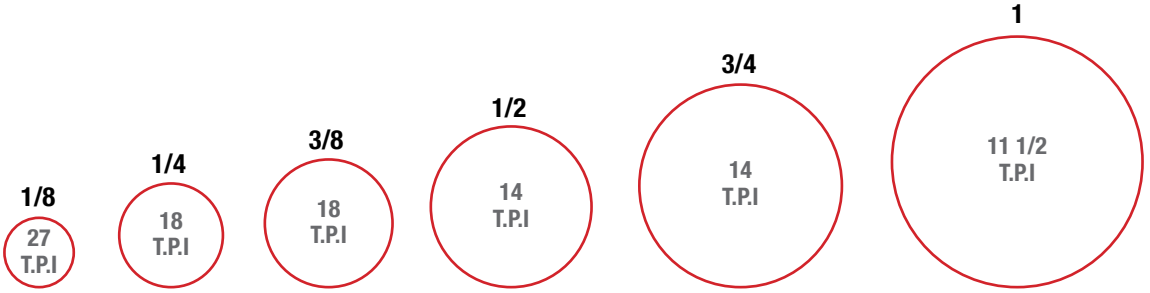
Maximum Working Pressure:
Threaded fittings: 1000 PSI
Hose barb fittings: 150 PSI
Bleed valves: 125 PSI

Working Temperature Range:
Threaded fittings: -54 °C to 121 °C
Hose barb fittings: -40 °C to 71 °C
Bleed valves: -29 °C to 71 °C

ACTUAL NPT PIPE THREAD SIZES
T.P.I.: THREADS PER INCH



ACTUAL OUTSIDE DIAMETERS OF PIPE THREADS



BRASS FITTINGS

NPT

MALE BALL END JOINT ADAPTER NPS/NPT



Product No	① Thread (M) NPS	② Thread (M) NPT
41.854	1/4	1/8
41.855	1/4	1/4
41.857	3/8	1/4

FEMALE REDUCING COUPLING



Product No	① Thread (F) NPT	② Thread (F) NPT
41.193	1/4	1/8
41.198	3/8	1/8
41.202	3/8	1/4
41.203	1/2	1/4
41.204	1/2	3/8

MALE HEXAGONAL NIPPLE REDUCER



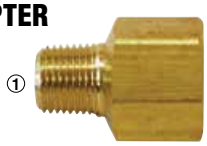
Product No	① Thread (M) NPT	② Thread (M) NPT
41.110	1/4	1/8
41.120	3/8	1/4
41.123	3/8	1/8
41.124	1/2	1/4
41.126	1/2	3/8
41.133	3/4	1/2

REDUCING BUSHING



Product No	① Thread (F) NPT	② Thread (M) NPT
41.170	1/8	1/4
41.172	1/8	3/8
41.175	1/4	3/8
41.178	1/8	1/2
41.180	1/4	1/2
41.183	1/4	3/4
41.184 (steel)	3/4	2
41.185	3/8	1/2
41.186	1/2	3/4
41.187	3/4	1
41.188	1	2
41.189 (steel)	1 1/2	2

HEXAGONAL ADAPTER



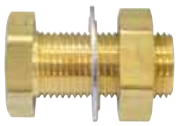
Product No	① Thread (M) NPT	② Thread (F) NPT
41.137	1/8	1/8
41.140	1/8	1/4
41.143	1/8	3/8
41.145	1/4	1/4
41.150	1/4	3/8
41.153	1/4	1/2
41.155	3/8	3/8
41.160	3/8	1/2
41.165	1/2	1/2
41.168	1/2	3/4

MALE HEXAGONAL NIPPLE



Product No	Thread (M) NPT
41.100	1/8
41.105	1/4
41.115	3/8
41.125	1/2
41.130	3/4
41.135	1
41.127 (steel)	1-1/4
41.128 (steel)	1-1/2
41.129 (steel)	2

ANCHOR COUPLING



Product No	Thread (F) NPT	Straight Thread (M)
41.465	1/8	5/8 -18
41.466	1/4	3/4 -16
41.467	3/8	1 -14
41.468	1/2	1-1/8 -14

FEMALE HEXAGONAL NIPPLE



Product No	Thread (F) NPT
41.190	1/8
41.195	1/4
41.200	3/8
41.205	1/2
41.208	3/4

CLOSE NIPPLE



Product No	Thread (M) NPT
41.500	1/8
41.501	1/4
41.502	3/8
41.503	1/2
41.504	3/4
41.496	1
41.497	1-1/4
41.498	1-1/2
41.499	2

BRASS FITTINGS

NPT

FEMALE TEE



Product No	Thread (F) NPT
41.265	1/8
41.270	1/4
41.275	3/8
41.280	1/2
41.279	3/4

FEMALE CROSS



Product No	Thread (F) NPT
41.285	1/8
41.290	1/4
41.295	3/8
41.300	1/2

FEMALE UNION (3 PIECES)



Product No	Thread (F) NPT 150 PSI
41.368	1/2
41.369	3/4
41.370	1
41.371	1-1/4
41.373	2

90° STREET ELBOW MALE/ FEMALE



Product No	① Thread (F) NPT	② Thread (M) NPT
41.230	1/8	1/8
41.233	1/4	1/8
41.235	1/4	1/4
41.240	3/8	3/8
41.242	1/2	1/2
41.243	3/4	3/4

90° MALE ELBOW



Product No	① Thread (M) NPT	② Thread (M) NPT
41.305	1/8	1/8
41.310	1/4	1/8
41.315	1/4	1/4
41.320	3/8	1/4
41.325	3/8	3/8
41.335	1/2	1/2

90° FEMALE UNION ELBOW



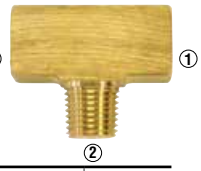
Product No	Thread (F) NPT
41.245	1/8
41.250	1/4
41.255	3/8
41.260	1/2
41.262	3/4
41.263	1
41.264	1-1/4
41.267	2

45° STREET ELBOW MALE/ FEMALE



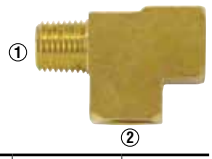
Product No	① Thread (M) NPT	② Thread (F) NPT
41.505	1/8	1/8
41.506	1/4	1/4
41.507	3/8	3/8
41.508	1/2	1/2

MALE BRANCH TEE



Product No	① Thread (F) NPT	② Thread (M) NPT
41.281	1/8	1/8
41.282	1/4	1/4
41.340	3/8	3/8

STREET TEE



Product No	① Thread (M) NPT	② Thread (F) NPT
41.283	1/8	1/8
41.284	1/4	1/4
41.342	3/8	3/8
41.343	1/2	1/2

DRAIN COCK



Product No	Thread (M) NPT
41.792	1/8
41.794	1/4
41.796	3/8

BLEED VALVE

When the button is actuated, the stem slides forward and air flow is vented through a non-threaded exhaust port. This valve releases pressurized air at a rate of 100 cubic inches in 4 seconds.



Product No	Thread (M) NPT
41.786	1/8
41.788	1/4

BRASS-ALUMINIUM FITTINGS

NPT

PIPE PLUG (COUNTERSUNK HEX HEAD)



Product No	Thread (M) NPT	Thread Hex Head
41.210	1/8	3/16
41.215	1/4	1/4
41.220	3/8	5/16
41.225	1/2	3/8

PIPE PLUG (HEX HEAD)



Product No	Thread (M) NPT	Hex Head
41.226	1/8	7/16
41.227	1/4	9/16
41.228	3/8	11/16
41.229	1/2	7/8

MALE TEE



Product No	Thread (M) NPT
41.350	1/8
41.355	1/4
41.360	3/8
41.365	1/2

PIPE PLUG (SLOTTED HEAD)



Product No	Thread (M) NPT
41.450	1/8
41.455	1/4
41.460	3/8

PIPE PLUG (SQUARE HEAD)



Product No	Thread (M) NPT
41.670	1/8
41.675	1/4
41.680	3/8
41.685	1/2
41.690	3/4
41.695	1

LONG NIPPLE



Product No	Thread (M) NPT	Length in
41.400	1/8	1.5
41.401	1/8	2
41.402	1/8	2.5
41.403	1/8	3
41.404	1/8	3.5
41.405	1/8	4
41.406	1/4	1.5
41.407	1/4	2
41.408	1/4	2.5
41.409	1/4	3
41.410	1/4	3.5
41.411	1/4	4
41.412	3/8	1.5
41.413	3/8	2
41.414	3/8	2.5
41.415	3/8	3
41.416	3/8	3.5
41.418	1/2	1.5
41.419	1/2	2
41.420	1/2	2.5
41.421	1/2	3
41.422	1/2	3.5

CAP



Product No	Thread (F) NPT
41.461	1/8
41.462	1/4
41.463	3/8
41.464	1/2

« Y » CONNECTOR



Product No	① Thread	② Thread
62.850	1/4 (F) NPT	1/4 (F) NPT
62.860	1/4 (M) NPT	1/4 (F) NPT

ADAPTATORS NPT - METRIC

NPT

BSPT - BSPP

NPT-BSPP ADAPTER/ ALUMINIUM



Product No	① Thread (M) NPT	② Thread (F) BSPP
41.920	1/2	1/2
41.921	3/4	3/4
41.922	1	1
41.923	1-1/4	1-1/4
41.924	1-1/2	1-1/2
41.925	2	2

BSPT-NPT ADAPTER/ ALUMINIUM



Product No	① Thread (M) BSPT	② Thread (F) NPT
41.930	1/2	1/2
41.931	3/4	3/4
41.932	1	1
41.933	1-1/4	1-1/4
41.934	1-1/2	1-1/2
41.935	2	2

BRASS-ALUMINIUM METRIC PIPE FITTINGS

BSPT - BSPP

MALE HEXAGONAL NIPPLE BSPT



Product No	① Thread (M) BSPT	② Thread (M) BSPT
41.021	1/8	1/8
41.022	1/4	1/4
41.023	3/8	3/8
41.024	1/2	1/2

MALE HEXAGONAL REDUCER BSPT



Product No	① Thread (M) BSPT	② Thread (M) BSPT
41.025	1/8	1/4
41.028	1/4	3/8
41.029	3/8	1/2
41.030	1/2	3/4
41.031	3/4	1

REDUCER MALE/FEMALE BSPP/BSPT



Product No	① Thread (F) BSPP	② Thread (M) BSPT
41.038	1/8	1/4
41.040	1/4	3/8
41.041	3/8	1/2
41.042	1/4	1/2
41.043	1/2	3/4

FEMALE HEXAGONAL NIPPLE BSPP



Product No	Thread (F) BSPP
41.056	1/8
41.057	1/4
41.058	3/8
41.059	1/2

HEXAGONAL REDUCER BSPP/BSPT



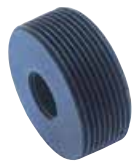
Product No	① Thread (F) BSPP	② Thread (M) BSPT
41.046	1/4	1/8
41.050	3/8	1/4
41.053	1/2	3/8

90° FEMALE ELBOW BSPP



Product No	Thread (F) BSPP
41.074	1/8
41.075	1/4
41.076	3/8
41.077	1/2

THREADED ALUMINIUM REDUCER BSPT/BSPP



Product No	Thread (M) BSPT	Thread (F) BSPP
06.900	3/4	1/2
06.901	1	1/2
06.903	1-1/4	1/2
06.906	1-1/2	1/2
06.908	1-1/2	1
06.910	2	1/2
06.912	2	1
06.914	2	1-1/2
06.904	1-1/4	3/4
06.907	1-1/2	3/4
06.911	2	3/4

BRASS REDUCER



Product No	Thread (M)	Thread (F) BSPP
41.044	1 **BSPT**	1/2
41.033	1 **BSPT**	3/4
41.047	1-1/4 **BSPP**	3/4
41.054	1-1/4 **BSPP**	1
41.034*	1-1/2 **BSPP**	1/2
41.035*	1-1/2 **BSPP**	3/4
41.036	1-1/2 **BSPT**	1
41.037	1-1/2 **BSPT**	1-1/4
41.048	2 **BSPP**	1/2
41.049	2 **BSPP**	3/4
41.051	2 **BSPP**	1
41.052	2 **BSPP**	1-1/4

* Steel

PIPE PLUG (HEX HEAD)



Product No	Thread (M)
41.065	1/8 **BSPT**
41.066	1/4 **BSPT**
41.067	3/8 **BSPT**
41.068	1/2 **BSPP**
41.069	3/4 **BSPP**
41.070	1 **BSPP**
41.071	1-1/4 **BSPP**
41.072	1-1/2 **BSPT**
41.073	2 **BSPP**

BRASS HOSE BARB FITTINGS

INCH NPT

HOSE BARB TO MALE PIPE



Product No	Hose I.D. in	Thread (M) NPT
41.546	1/8	1/8
41.547	3/16	1/8
41.548	1/4	1/8
41.550	1/4	1/4
41.554	1/4	3/8
41.560	5/16	1/4
41.561	5/16	3/8
41.562	5/16	1/2
41.565	3/8	1/8
41.570	3/8	1/4
41.580	3/8	3/8
41.584	3/8	1/2
41.586	1/2	1/4
41.590	1/2	3/8
41.600	1/2	1/2
41.603	1/2	3/4
41.556	5/8	3/8
41.557	5/8	1/2
41.558	5/8	3/4
41.604	3/4	1/2
41.605	3/4	3/4
41.606	1	3/4
41.607	1	1

SWIVEL HOSE BARB TO MALE PIPE



Product No	Hose I.D. in	Thread (M) NPT
41.552	1/4	1/4
41.572	3/8	1/4
41.582	3/8	3/8
41.602	1/2	1/2

HOSE BARB TO FEMALE PIPE



Product No	Hose I.D. in	Thread (F) NPT
41.609	1/4	1/8
41.610	1/4	1/4
41.620	5/16	1/4
41.630	3/8	1/4
41.640	3/8	3/8
41.650	1/2	3/8
41.660	1/2	1/2

HOSE BARB TO FEMALE STRAIGHT (WITH GASKET)



Product No	Hose I.D. in	Thread (F) NPT
41.720	1/4	1/4
41.730	5/16	1/4
41.740	3/8	1/4
41.750	3/8	3/8
41.760	1/2	1/2

HOSE BARB TO FEMALE BALL END (2 PIECES)



Product No	Hose I.D. in	Thread (F) NPS
41.843	1/4	1/8
41.844	1/4	1/4
41.845	1/4	3/8
41.846	5/16	1/4
41.847	3/8	1/4
41.848	3/8	3/8

HOSE REPAIR KITS



Product No	Description
41.511C For 1/4 I.D. Hose	(1) 41.510 Hose barb splicer (2) 48.314 2-Ear clamps
41.531C For 3/8 I.D. Hose	(1) 41.530 Hose barb splicer (2) 48.320 2-Ear clamps
41.514C For 1/4 I.D. Hose	(1) 41.550 1/4" I.D. x 1/4 (M) Hose barb to male pipe (1) 48.314 2- Ear clamps
41.534C For 3/8 I.D. Hose	(1) 41.570 3/8" I.D. x 1/4 (M) Hose barb to male pipe (1) 48.320 2-Ear clamps

HOSE BARB SPLICER



Product No	Hose I.D. in
41.510	1/4
41.520	5/16
41.530	3/8
41.540	1/2
41.542	5/8
41.543	3/4

MAXPRO FREE ANGLE HOSE BARB FITTING



Product No	Hose I.D. in	Thread (F) NPT
62.421	1/4	1/4

BRASS HOSE BARB FITTINGS FOR « LOCK-ON » HOSE

INCH NPT

FEATURES AND BENEFITS

- Solid brass construction
- Available for most popular hose sizes
- No crimping required
- « Lock-on » hose barb fittings simplify maintenance
- For hose repairs, simply cut hose square and insert « Lock-on » fitting
- Eliminate need for crimping or skiving

SPECIFICATIONS

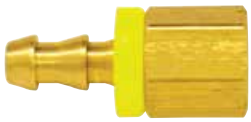
Maximum Working Pressure: 300 PSI

HOSE BARB TO MALE PIPE



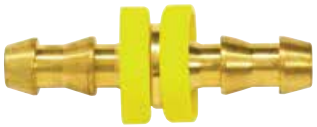
Product No	Hose I.D. in	Thread (M) NPT
41.860	1/4	1/8
41.861	1/4	1/4
41.877	1/4	3/8
41.862	3/8	1/4
41.863	3/8	3/8
41.864	3/8	1/2
41.866	1/2	3/8
41.867	1/2	1/2
41.868	5/8	1/2
41.869	3/4	3/4

HOSE BARB TO FEMALE PIPE

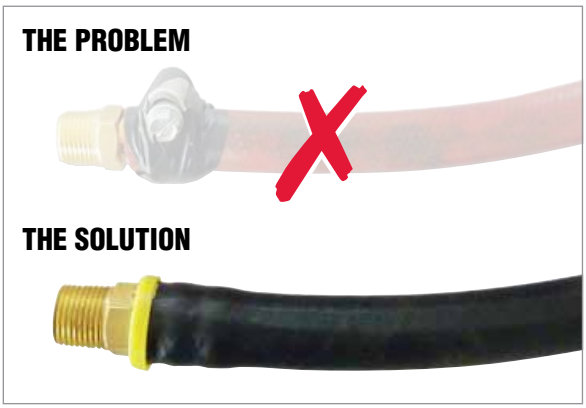


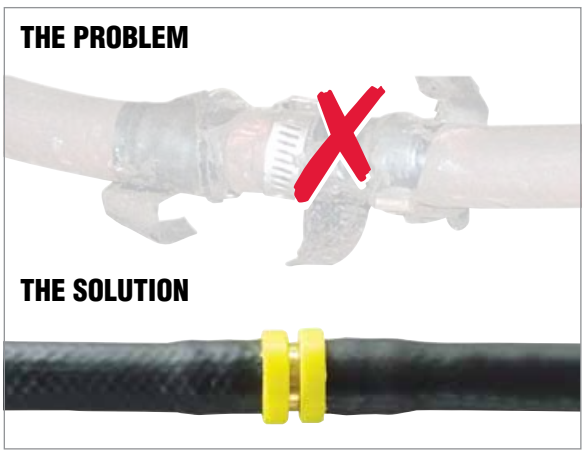
Product No	Hose I.D. in	Thread (F) NPT
41.871	1/4	1/4
41.872	3/8	1/4
41.873	3/8	3/8
41.874	1/2	3/8
41.875	1/2	1/2

HOSE BARB SPLICER



Product No	Hose I.D. in
41.880	1/4
41.881	3/8
41.882	1/2
41.883	5/8
41.884	3/4





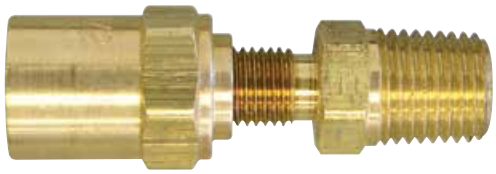
WARNING

« Lock-on » fittings should only be used with « Lock-on » type hose. Use of « Lock-on » type fittings with the wrong hose type can lead to hose and fitting failures.

For more details on « Lock-on » hoses see Series 77, p. 470.

BRASS REUSABLE HOSE FITTINGS FOR RUBBER HOSE

INCH NPT



FEATURES AND BENEFITS

- For easy and foolproof replacement of hose fittings
- Eliminate need for crimping or skiving
- Solid brass construction
- Available for most popular hose sizes

SPECIFICATIONS

Maximum Working Pressure: 250 PSI
Working Temperature Range: - 40 °C to 107 °C

Product No	Hose I.D. in	Hose O.D. in	Thread (M) NPT
41.800	1/4	1/2	1/4
41.802	1/4	9/16	1/4
41.804	1/4	5/8	1/4
41.810	5/16	9/16	1/4
41.812	5/16	5/8	1/4
41.817	3/8	5/8	1/4
41.818	3/8	5/8	3/8
41.819	3/8	11/16	1/4
41.820	3/8	11/16	3/8
41.821	3/8	3/4	1/4
41.830	1/2	7/8	1/2

THE PROBLEM



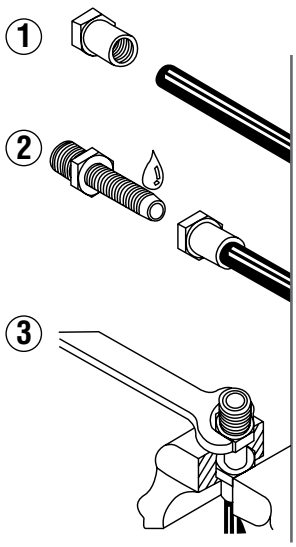
Standard fittings used with hose clamps often lead to hose deterioration.

THE SOLUTION



Reusable hose fittings make for neat, long-lasting connections.

How to install reusable hose fittings without skiving or crimping



1. Simply slip and twist ferrule on end of hose which has been trimmed flush. No skiving necessary.
2. Apply a drop or two of lubricant to fitting before inserting into ferrule.
3. Turn reusable fitting into ferrule. Hose is expanded inside ferrule for perfect fit.

WARNING

Reusable hose fittings are not recommended for use with thermoplastic hoses

BRASS WATER HOSE FITTINGS

NPT

FEATURES AND BENEFITS

- Brass fittings for water hose connectors
- Can be assembled on certain hose reels (see Series 79)

APPLICATIONS

For most industrial plant requirements or shops

FEMALE SWIVEL CONNECTOR ① ②



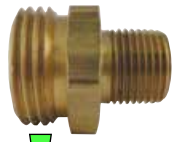
Product No	Hose Thread (F) GHT ①	Thread (F) NPT ②
41.201	3/4	1/2

MALE SWIVEL CONNECTOR ① ②



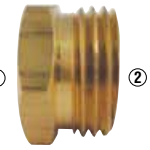
Product No	Hose Thread (F) GHT ①	Thread (M) NPT ②
41.207	3/4	3/8
41.209	3/4	1/2

MALE CONNECTOR ① ②



Product No	Hose Thread (M) GHT ①	Thread (M) NPT ②
41.211	3/4	3/8
41.212	3/4	1/2

FEMALE CONNECTOR ① ②



Product No	Hose Thread (M) GHT ①	Thread (F) NPT ②
41.216	3/4	3/8
41.217	3/4	1/2

REUSABLE HOSE FITTING FOR POLYURETHANE HOSES

(SERIES 14, 17, 74, 78)

FEATURES AND BENEFITS

- Dependable, leak-tight seal and resistant to loosening caused by vibrations
- Full flow



Product No	Hose I.D. in	Hose O.D. in
41.835	1/4	3/8

PTFE TAPE

FEATURES AND BENEFITS

- To be used on all male threaded connections to prevent air leaks
- Comes in a plastic spool dispenser
- Industrial quality



Product No	Dimensions
41.005	0.5 cm x 12.19 m