

PIN-LUG COUPLINGS

Also called "suction hose couplings," these are threaded couplings used for suction or discharge of water or other fluids. Standard threading is NPSM (National Pipe Straight Mechanical). 1-1/2" and 2-1/2" are available in NST thread (American National Fire Hose Straight Thread). NST does not interchange. Pin lugs are on all sizes of the female end. Sizes 2-1/2" through 6" also have pin lugs on the male end. Fittings seal on a washer that sits in the female end. Replacement washers are available.

PIN-LUG COUPLING SETS

SIZE	THREAD	ALUMINUM W/ BRASS SWIVEL	BRASS W/ BRASS SWIVEL
1 1/2"	NPSM	AB150	BR150
1 1/2"	NST	AB150NST	BR150NST
2"	NPSM	AB200	BR200
2 1/2"	NPSM	AB250	BR250
2 1/2"	NST	AB250NST	BR250NST
3"	NPSM	AB300	BR300
4"	NPSM	AB400	BR400
6"	NPSM	AB600	BR600



WASHERS FOR PIN LUGS

SIZE	PART #
1 1/2"	RW150
1 1/2" NST	RW150NST
2"	RW200
2 1/2"	RW250
2 1/2" NST	RW250NST
3"	RW300
4"	RW400
6"	RW600



COMBINATION HOSE NIPPLES

Combination hose nipples are used in a variety of fluid applications. They are available in unplated steel, plated steel, polypropylene, and stainless steel. End (male) threads are NPT (will mate with foot valves, strainers, cam- and-groove part A, D etc.) and are the same size as shanks. Jump sizes and reducers are also available.

PLATED



POLYPROPYLENE



STAINLESS



SIZE	UNPLATED STEEL PART #	PLATED STEEL PART #	STAINLESS STEEL PART #	POLYPROPYLENE PART #
1/2"	CN050	CN050P	CN050S	CN050PP
3/4"	CN075	CN075P	CN075S	CN075PP
1"	CN100	CN100P	CN100S	CN100PP
1 1/4"	CN125	CN125P	CN125S	CN125PP
1 1/2"	CN150	CN150P	CN150S	CN150PP
2"	CN200	CN200P	CN200S	CN200PP
2 1/2"	CN250	CN250P	CN250S	CN250PP
3"	CN300	CN300P	CN300S	CN300PP
4"	CN400	CN400P	CN400S	CN400PP
5"	CN500	CN500P	CN500S	CN500PP
6"	CN600	CN600P	CN600S	CN600PP
8"	CN800	CN800P	CN800S	CN800PP
10"	CN1000	CN1000P	CN1000S	CN1000PP
12"	CN1200	CN1200P	CN1200S	CN1200PP

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UNIVERSAL AIR COUPLINGS 2-LUG & 4-LUG

Also called "Chicago," "CP," or "Crow's Foot" couplings. Used to connect air lines from compressors or other air sources to all types of pneumatic tools and equipment. All 2-lug head connections are of one size for easy interchange. Hose shank or threaded end is coupling size. Male and female threads are NPT. Malleable iron plated. (European style universals are available by special order.) Universal crowfoot couplings are recommended to be used in the transfer of air and/or water.

2-LUG FEMALE END



4-LUG FEMALE END



2-LUG DEAD END



3-WAY CONNECTOR



2-LUG HOSE END



4-LUG HOSE END



2-LUG MALE DEAD END



WASHERS UG2 & UG4



The application should be in an open system where the air or water is in motion (dynamic) and not in a closed, pressurized (static) condition. This dynamic application involves continuous flow; therefore, back pressure would be relieved by the very nature of the application. The applicable system should contain pressure relief valves to relieve any excess pressure. Safety clips and safety cables should be installed on either side of the coupling connection. The rated, maximum working pressure of Universal Crowfoot Air Hose Couplings is 150 psi (at ambient temperature - 70°F) for all parts. Standard parts are iron; parts are available made of other metals.

2-lug: for connections ¼" - 1"

4-lug: for connections 1 ¼" - 2"

WARNING: Universal Air Hose Couplings should NEVER be used for steam service.

MALE END

MALE END SIZE	LUG	PART #
1/4"	2	ME-25
3/8"	2	ME-38
1/2"	2	ME-50
3/4"	2	ME-75
1"	2	ME-100
1 1/4"	4	-
1 1/2"	4	-
2"	4	-

FEMALE END

MALE END SIZE	LUG	PART #
1/4"	2	FE-25
3/8"	2	FE-38
1/2"	2	FE-50
3/4"	2	FE-75
1"	2	FE-100
1 1/4"	4	FE-125
1 1/2"	4	FE-150
2"	4	FE-200

HOSE END

HOSE END SIZE	LUG	PART #
1/4"	2	HE-25
3/8"	2	HE-38
1/2"	2	HE-50
3/4"	2	HE-75
1"	2	HE-100
1 1/4"	4	HE-125
1 1/2"	4	HE-150
2"	4	HE-200

ACCESSORIES

ACCESSORIES	PART #
Washer for 2-Lug	UG2
Washer for 4-Lug	UG4
3-Way Connector	TWC
Dead End	BEC
Safety Pin & Lanyard	SPL

GROUND JOINT COUPLINGS

An all-purpose coupling, the female ground joint consists of a **MALE STEM**, **WING NUT** and **FEMALE SPUD**. The female spud has NPT threads to accept the NPT threads of a rigid connection or male NPT nipple. Widely used for air, water or steam, the ground joint is secured with an interlocking clamp or ferrule. By replacing the female spud of a ground joint coupling with a double or male spud, hose-to-hose ground joint connections or hose-to-rigid connections are simplified. Double spuds for hose-to-hose connections are threaded **NPS MALE X NPS MALE**. (GJ wing nut is also NPS). For hose-to-rigid connection, the male spud is threaded **NPS MALE X NPT MALE**.

FEMALE SPUD



MALE SPUD



DOUBLE SPUD



FEMALE GROUND JOINT



SIZE	PART #
1/2"	GFS050
3/4"	GFS075
1"	GFS100
1 1/4"	GFS125
1 1/2"	GFS150
2"	GFS200
2 1/2"	GFS250
3"	GFS300
4"	GFS400

SIZE	PART #
1/2"	GMS050
3/4"	GMS075
1"	GMS100
1 1/4"	GMS125
1 1/2"	GMS150
2"	GMS200
2 1/2"	GMS250
3"	GMS300
4"	GMS400

SIZE	PART #
1/2"	GDS050
3/4"	GDS075
1"	GDS100
1 1/4"	GDS125
1 1/2"	GDS150
2"	GDS200
2 1/2"	GDS250
3"	GDS300
4"	GDS400

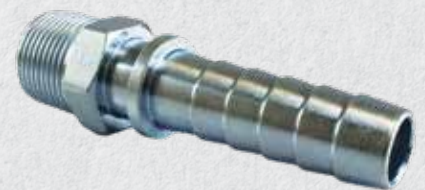
SIZE	PART #
1/2"	GJF050
3/4"	GJF075
1"	GJF100
1 1/4"	GJF125
1 1/2"	GJF150
2"	GJF200
2 1/2"	GJF250
3"	GJF300
4"	GJF400

MALE STEM HEX HOSE NIPPLES

For air or many other applications, MS nipples are economical and reusable. The MS nipple accepts bands or clamps. However, each MS is especially designed with a collar behind the hex to engage the gripping fingers of an interlocking clamp. MS threads are NPT. Steel plated. Use also as companion end of female ground joint.

HOSE SIZE	THREAD SIZE	PART #
1/4"	1/4"	MS4-4
1/4"	3/8"	MS4-6
3/8"	1/4"	MS6-4
3/8"	3/8"	MS6-6
3/8"	1/2"	MS6-8
1/2"	1/4"	MS8-4
1/2"	3/8"	MS8-6
1/2"	1/2"	MS8-8
1/2"	3/4"	MS8-12
3/4"	1/2"	MS12-8

HOSE SIZE	THREAD SIZE	PART #
3/4"	3/4"	MS12-12
3/4"	1"	MS12-16
1"	3/4"	MS16-12
1"	1"	MS-16-16
1 1/4"	1 1/4"	MS20-20
1 1/2"	1 1/2"	MS24-24
2"	2"	MS32-32
2 1/2"	2 1/2"	MS40-40
3"	3"	MS48-48
4"	4"	MS64-64



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HOSE MENDERS

Hose menders repair hoses up to and including IDs of 12". After cutting out the damaged hose portion, insert each end of the mender (shanks) into the remaining good ends of the hose. Secure the mender with bands or DB double bolt clamps. Each end will accommodate two or more bands or two clamps for an economical and efficient return to service. Typically plated steel.

SIZE	PART #
1/2"	SM050
3/4"	SM075
1"	SM100
1 1/4"	SM125
1 1/2"	SM150
2"	SM200
2 1/2"	SM250

SIZE	PART #
3"	SM300
4"	SM400
5"	SM500
6"	SM600
8"	SM800
10"	SM1000
12"	SM1200

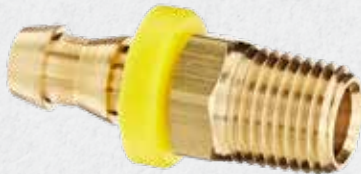


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PUSH-ON FITTINGS

Brass Push-On Fittings are specially manufactured for use with push-on hoses in low pressure applications. No clamp or ferrule is required if properly inserted. The barb will secure itself to the tube of the hose. Females also available in a swivel.

MALE THREADS



FEMALE THREADS



PUSH-ON MENDERS



MALE THREADS

HOSE SIZE	THREAD SIZE	PART #
1/4"	1/8"	BMP-0402
1/4"	1/4"	BMP-0404
1/4"	3/8"	BMP-0406
5/16"	1/4"	BMP-0504
3/8"	1/8"	BMP-0602
3/8"	1/4"	BMP-0604
3/8"	3/8"	BMP-0606
3/8"	1/2"	BMP-0608
1/2"	1/4"	BMP-0804
1/2"	3/8"	BMP-0806
1/2"	1/2"	BMP-0808
1/2"	3/4"	BMP-0812
5/8"	3/8"	BMP1008
5/8"	1/2"	BMP-1012
3/4"	1/2"	BMP-1208
3/4"	3/4"	BMP-1212

FEMALE THREADS

HOSE SIZE	THREAD SIZE	PART #
1/4"	1/8"	BFP-0402
1/4"	1/4"	BFP-0404
5/16"	1/4"	BFP-0504
3/8"	1/4"	BFP-0604
3/8"	3/8"	BFP-0606
1/2"	3/8"	BFP-0806
1/2"	1/2"	BFP-0808

PUSH-ON MENDERS

HOSE SIZE	PART #
1/4"	BHP-0404
5/16"	BHP-0505
3/8"	BHP-0606
1/2"	BHP-0808
5/8"	BHP-1010
3/4"	BHP-1212

BRASS THREADED HOSE FITTINGS

Recommended for low pressure air and water applications. Attachable with ferrules or hose clamps. Also available in stainless steel.

MALE NPT



HOSE SIZE X NPT	PART #
1/4 x 1/8	BM-0402
1/4 x 1/4	BM-0404
1/4 x 3/8	BM-0406
5/16 x 1/8	BM-0502
5/16 x 1/4	BM-0504
3/8 x 1/8	BM-0602
3/8 x 1/4	BM-0604
3/8 x 3/8	BM-0606
3/8 x 1/2	BM-0608
1/2 x 1/4	BM-0804
1/2 x 3/8	BM-0806
1/2 x 1/2	BM-0808
1/2 x 3/4	BM-0812
5/8 x 3/8	BM-1006
5/8 x 1/2	BM-1008
5/8 x 3/4	BM-1012
3/4 x 1/2	BM-1208
3/4 x 3/4	BM-1212
1 x 3/4	BM-1612
1 x 1	BM-1616
1-1/4 x 1	BM-2016

FEMALE NPT



HOSE SIZE X NPT	PART #
1/4 x 1/8	BF-0402
1/4 x 1/4	BF-0404
5/16 x 1/4	BF-0504
3/8 x 1/4	BF-0604
3/8 x 3/8	BF-0606
1/2 x 3/8	BF-0806
1/2 x 1/2	BF-0808

FEMALE NPSM SWIVEL (BALL SEAT)



HOSE SIZE X NPSM	PART #
1/4 x 1/4	BFS-0404
5/16 x 1/4	BFS-0504
3/8 x 1/4	BFS-0604
3/8 x 3/8	BFS-0606
1/2 x 3/8	BFS-0806
1/2 x 1/2	BFS-0808
3/4 x 3/4	BFS-1212

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