

Pipe Thread Standards

NPT National Standard Pipe Taper Thread. (A sealant compound or Teflon tape must be used for a leak-free seal.)

FNPT Female National Standard Pipe Thread

MNPT Male Standard National Pipe Thread

Notes:

Pipe Size is the accepted industry designation and does not refer to either the inside or the outside diameter (ID or OD) of a pipe or a fitting.



Industrial Interchange Series (Military Specification A-A-59439)

- Plated steel couplers have hardened steel balls and stainless steel springs.
- Brass couplers have stainless steel balls and springs.
- Coupler plugs are heat treated and zinc plated to reduce wear on critical mating surfaces.
- Industrial Interchange couplers and plugs interchange with Hansen, Foster, Aro, Parker and others.

WARNING: Couplers and plugs are intended for use on compressed air lines only. Maximum rated working pressure is 300PSI



Pneumatic Fittings

Plugs: All steel plugs are heat treated to reduce wear on critical mating surfaces. Fully interchangeable with plugs made by other manufacturers.

Couplers: Couplers have hardened steel balls to ensure connection holds tight under the most rugged applications. Standard couplers have a built in sleeve guard to prevent accidental disconnect and stainless steel springs.

Plugs



P/N 190151

Couplers



P/N 191041

Part No.	Specification		NPT		Material
	Series	Style	Size	Thread	

5 Pack	Series	Style	Size	Thread	Material
190001	I.I. 1/4"	Plug	1/4"	Male	Plated Steel
191051	I.I. 1/4"	Coupler	1/4"	Male	Plated Steel
190011	I.I. 1/4"	Plug	1/4"	Female	Plated Steel
191001	I.I. 1/4"	Coupler	1/4"	Female	Plated Steel
190051	I.I. 1/4"	Plug	3/8"	Male	Plated Steel
191021	I.I. 1/4"	Coupler	3/8"	Male	Plated Steel
190061	I.I. 1/4"	Plug	3/8"	Female	Plated Steel
191151	I.I. 1/4"	Coupler	3/8"	Female	Plated Steel

Part No.	Specification		NPT		Material
	Series	Style	Size	Thread	

Each	Series	Style	Size	Thread	Material
190141	I.I. 1/4"	Plug	3/8"	Male	Plated Steel
190151	I.I. 3/8"	Plug	3/8"	Male	Plated Steel
190131	I.I. 1/4"	Plug	1/4"	Male	Plated Steel
190161	I.I. 1/4"	Plug	1/4"	Female	Plated Steel
190171	I.I. 1/4"	Plug	3/8"	Female	Plated Steel
190181	I.I. 3/8"	Plug	3/8"	Female	Plated Steel

Part No.	Specification		NPT		Material
	Series	Style	Size	Thread	

5 Pack	Series	Style	Size	Thread	Material
190101	I.I. 3/8"	Plug	3/8"	Male	Plated Steel
191101	I.I. 3/8"	Coupler	3/8"	Male	Plated Steel
190111	I.I. 3/8"	Plug	3/8"	Female	Plated Steel
191111	I.I. 3/8"	Coupler	3/8"	Female	Plated Steel

Part No.	Specification		NPT		Material
	Series	Style	Size	Thread	

Each	Series	Style	Size	Thread	Material
190201	Auto 1/4"	Plug	3/8"	Male	Plated Steel
190231	Auto 1/4"	Plug	3/8"	Female	Plated Steel
190211	Auto 3/8"	Plug	3/8"	Male	Plated Steel
190241	Auto 3/8"	Plug	3/8"	Female	Plated Steel
190221	Auto 1/4"	Plug	1/4"	Male	Plated Steel
190251	Auto 1/4"	Plug	1/4"	Female	Plated Steel

Industrial "M" (Milton) Style Couplers and Plugs



P/N 190001

Industrial (Milton) Style 360° Swivel Plugs



P/N 190151

Industrial "H" (Milton) Style Couplers and Plugs



P/N 190111

Automotive Style 360° Swivel Plugs



P/N 190221



Automotive Standard "P" (Tru-flate/parker) Style Couplers and Plugs



P/N 191041

Part No.	Specification		NPT		Material
	Series	Style	Size	Thread	
190021	Auto 3/8"	Plug	1/4"	Male	Plated Steel
191011	Auto 3/8"	Coupler	1/4"	Male	Plated Steel
190031	Auto 3/8"	Plug	3/8"	Male	Plated Steel
191031	Auto 3/8"	Coupler	3/8"	Male	Plated Steel
190041	Auto 3/8"	Plug	3/8"	Female	Plated Steel
191041	Auto 3/8"	Coupler	3/8"	Female	Plated Steel
190071	Auto 1/4"	Plug	3/8"	Male	Plated Steel
190081	Auto 1/4"	Plug	3/8"	Female	Plated Steel

Automotive Standard "T" (Tru-flate/parker) Style Couplers and Plugs



P/N 190091

Part No.	Specification		NPT		Material
	Series	Style	Size	Thread	
190091	Auto 1/4"	Plug	1/4"	Male	Plated Steel
191121	Auto 1/4"	Coupler	1/4"	Male	Plated Steel
190121	Auto 1/4"	Plug	1/4"	Female	Plated Steel
191131	Auto 1/4"	Coupler	1/4"	Female	Plated Steel

Universal 3-way Combo Style Couplers Fits Aro, Automotive and Industrial Type Plugs



P/N 191071



P/N 191081

Part No.	Specification		NPT		Material
	Series	Style	Size	Thread	
191061	Combo 1/4"	Coupler	1/4"	Female	Machined Brass
191071	Combo 1/4"	Coupler	1/4"	Male	Machined Brass
191081	Combo 1/4"	Coupler	3/8"	Female	Machined Brass
191091	Combo 1/4"	Coupler	3/8"	Male	Machined Brass

Hose and Hose Accessories and Brass Hose Fittings



P/N 19408

Polyurethane Hose:

- 300PSI 3 to 1 burst ratio
- 40% lighter than PVC
- Remains flexible in cold weather
- Spiral reinforced for durability
- Highly kink resistant
- Includes bend restrictors for added durability



P/N 19411

PVC Hose:

- 300PSI 4 to 1 burst ratio
- Oil & abrasion resistant
- Spiral reinforced for durability
- Flexible kink resistant design



P/N 19407

Rubber Hose:

- 300psi 4 to 1 burst ratio
- Flexible in cold temperatures
- Oil & abrasion resistant
- Extended life over PVC
- Superior durability

Part No.	Size		Material	Fitting Type
	Diameter	Length		

3/8" Pneumatic Air Hose Kits

- Crimped on compression ring screw on
- Screw on quick connectors
- 3/8" NPT Thread Male Swivels
- Plugs and couplers

Part No.	Size		Material
	Diameter	Length	

3/8" Pneumatic Air Hoses

- Crimped on compression ring screw on
- Screw on quick connectors
- 3/8" NPT Thread Male Swivels

19700	3/8"	50'	PVC	Industrial
19403	3/8"	50'	PVC	Automotive

Part No.	Size		Material	Fitting Type
	Diameter	Length		

1/4" Pneumatic Air Hoses with Fittings

- Crimped on compression ring screw on
- Screw on quick connectors
- 1/4" NPT Thread Male Swivels
- 1/4" NPTx1/4" plug and coupler

19405	3/8"	100'	PVC	
19406	3/8"	50'	PVC	
19400	3/8"	50'	Rubber	
19407	3/8"	100'	Rubber	
19408	3/8"	50'	Polyurethane	
19409	3/8"	100'	Polyurethane	

19410F	1/4"	50'	PVC	Industrial
19412F	1/4"	50'	Polyurethane	Industrial
19413F	1/4"	100'	Polyurethane	Industrial
19410FA	1/4"	50'	PVC	Automotive
19412FA	1/4"	50'	Polyurethane	Automotive
19413FA	1/4"	100'	Polyurethane	Automotive

1/4" Pneumatic Air Hoses

- Crimped on compression ring screw on
- Screw on quick connectors
- 1/4" NPT Thread Male Swivels

19411	1/4"	100'	PVC	
19412QP	1/4"	50'	Polyurethane	
19413QP	1/4"	100'	Polyurethane	

Hose Repair Kits

Includes: 1 Brass Barb Splicer,
1 Threaded Male end and
3 Stainless Steel Hose Clamps



P/N 19200

Part No.	Hose Size		
	I.D.	O.D.	Width
192001	1/4"	1/4" to 5/8"	5/16"
192011	3/8"	3/8" to 7/8"	5/16"

Adapters And Swivels



P/N 192141

Part No.	Spec.	NPT: Inlet / Outlet		Material
		Size	Thread	
192021	Hex Nipple	3/8" / 3/8"	Male / Male	Brass
192031	Tee	3/8" / 3/8"	Female / Female	Brass
192141	Uni-swivel	1/4" / 1/4"	Female / Male	Aluminum

3 in 1 Manifold



P/N 192071

Part No.	Spec.	NPT: Inlet / Outlet		Material
		Size	Thread	
192071	Manifold	1/4" / 1/4"	Female / Female	Aluminum
192081	Manifold	3/8" / 1/4"	Female / Female	Aluminum

Compressed Air Line Safety Blower



P/N 192041

Part No.	Specifications		NPT	Material	
	Consumed/Delivered	Tip Pressure	Thread	External	Internal
192041	8 (cfm)/11 (cfm)	30 (psi)	1/4" FNPT	Chrome	Brass

Direct Air Line Chucks



P/N 192091

Part No.	Type	NPT		Material
		Size	Thread	
192091	Ball Foot Chuck	1/4"	Female	Brass

In-line Pneumatic Accessories: Filters, Regulators and Lubricators

Lubricators



P/N 19205

Part No.	Description
Various Qty.	

19205	Light Pneumatic Air Tool Oil lubricant 8oz 12/bx
19210B	Air Compressor Synthetic Oil 8oz Sae5w50 12/bx
19213	Air Tool Oil Winter Weight 16oz 12/bx
876212	Pneumatic Tool Lubricant 1 qt

Part No.	Specification			
Each	Type	NPT: Size/Thread	PSI	Material

Filters and Regulators



P/N 19300



P/N 19301



P/N 19304



P/N 19309

19300	Mini Regulator w/Gauge	1/4"/Female	0-160	Zinc/Brass/Plastic
19301	5-micron Mini Filter	1/4"/Female	0-150	Zinc/Polycarbonate
19302	Regulator w/Gauge	3/8"/Female	0-160	Zinc/Brass/Plastic
19304	Micro Fog Lubricator	3/8"/Female	0-150	Zinc/Polycarbonate
19308	Mini Piggyback w/Gauge	3/8"/Female	0-160	Zinc/Polycarbonate
881508	Pressure Gauge	1/8"/Male	0-160	Steel/Brass



Part No.	Description
Each	

Teflon Tape

725297T	Teflon Tape 1/2" x 260"
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