



MANUFACTURERS OF PRECISION-MADE
FLEXIBLE TUBING & SPIRAL RECOIL HOSE



**ADVANCED
TECHNOLOGY
PRODUCTS**

Pneumatic Quick Disconnect Couplings & Plugs



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Since our beginning in 1990, ATP has focused on pneumatic/fluid control products for industry. Whether we manufacture the products like plastic tubing, bonded tubing and spiral recoil hose or private label accessory products; ATP is focused on growing the product offering and being a one stop shopping experience. Our global distribution network continues to grow, providing expertise and local inventory for OEM and MRO customers. This catalog represents our complete high quality/superior value pneumatic coupling and plug products. These unique products are in stock and ready to ship from our Ohio and Tennessee warehouses for fast delivery. Please click the “catalog download center” button on our web site @ www.atp4pneumatics.com or www.atp4fluid.com to view the complete ATP product offering.

Manual Coupling (single plug profile)



Manual couplings require you to manually pull and hold the locking sleeve back.



Once the locking sleeve has been pulled and held back, the plug can be inserted into the coupling.



After the plug has been inserted into the coupling, release the locking sleeve to lock the plug in place.

Automatic Coupling (single plug profile) Universal Coupling (multiple plug profiles)



The locking sleeve is manually pulled back when releasing the plug. The locking sleeve is held into place automatically.



Once the plug is inserted into the coupling, the locking sleeve will automatically slide forward to lock the plug in place.



The ATP universal coupling is an automatic coupling that accepts 5 different plug profiles:

1. 1/4 Industrial Interchange
2. ARO 210
3. Lincoln Interchange
4. High Flow
5. Tru-Flate Interchange

Safety-Slide™ Coupling (single plug profile)



With the coupler in the open position, insert the plug into the coupler opening. Slide the plug into the upright position.



Once the plug is in the upright position, the air pressure will push the plug into the locking mechanism of the safety coupler.



Push the plug into the coupler to unlock. Slide the plug back into the open position. As the plug is sliding into the open position the air vent hole in the back of the coupler will release the tool side air pressure.

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Steel - Economic Non-Safety Option

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Steel/Chrome Plated - Premium Safety Option

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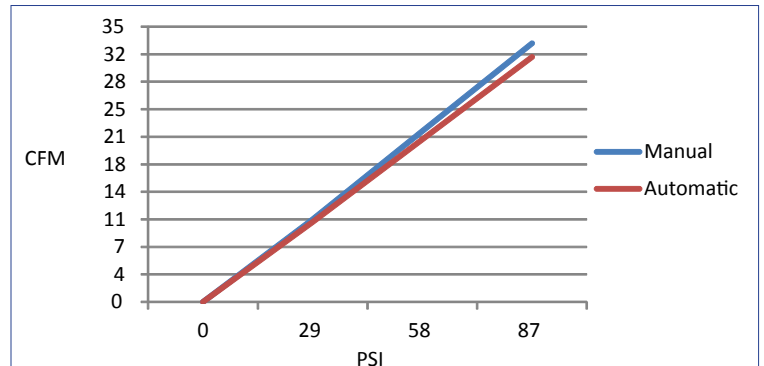
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Steel / Chrome Plated - Premium Non-Safety Option

1/4 U.S. Industrial Interchange Couplings ISO 6150-B-12

14 SI-N3F			
14	1/4" Interchange	S	Socket/Coupling Plug
38	3/8" Interchange	P	Plug
5	Universal	I	Manual
HF	High Flow	O	Automatic
		C	Chrome Plated Steel (No Mark)
		N	NPT Thread BSPT Thread (No Mark)
		1	1/8" Thread
		2	1/4" Thread
		3	3/8" Thread
		4	1/2" Thread
		M	Male Thread
		F	Female Thread
		B	Barb
		H	Compression



ATP Manual - Must physically pull back sleeve to engage and disengage plug

Image	Model	Thread	T L (in)	OD (in)	Hex 1 (mm)	Hex 2 (mm)	Weight (oz)	Drawing
	14SIC-N2F	NPT 1/4 Female	1.81	0.82	17	NA	2.11	
	14SIC-N3F	NPT 3/8 Female	1.87	0.82	21	NA	2.61	
	14SIC-N2M	NPT 1/4 Male	1.83	0.82	17	NA	1.97	
	14SIC-N3M	NPT 3/8 Male	1.87	0.82	17	NA	2.25	
	14SIC-2B	1/4 Hose Barb	2.30	0.82	17	NA	1.90	
	14SIC-3B	3/8 Hose Barb	2.38	0.82	17	NA	1.97	
	14SIC-H14	1/4 x 3/8 Compression	2.08	0.82	17	16	2.46	

ATP Automatic - Sleeve automatically pulled back and released during plug engagement & physically pull back sleeve to disengage

Image	Model	Thread	T L (in)	OD (in)	Hex 1 (mm)	Hex 2 (mm)	Weight (oz)	Drawing
	14SOC-N2F	NPT 1/4 Female	2.04	0.82	17	NA	2.53	
	14SOC-N3F	NPT 3/8 Female	2.10	0.82	21	NA	3.03	
	14SOC-N2M	NPT 1/4 Male	2.06	0.82	17	NA	2.39	
	14SOC-N3M	NPT 3/8 Male	2.10	0.82	17	NA	2.68	
	14SOC-2B	1/4 Hose Barb	2.53	0.82	17	NA	2.32	
	14SOC-3B	3/8 Hose Barb	2.61	0.82	17	NA	2.39	
	14SOC-H14	1/4 x 3/8 Compression	2.32	0.82	17	16	2.89	

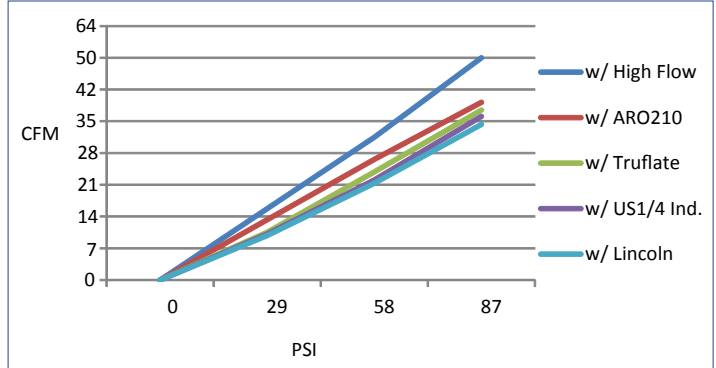
Steel / Chrome Plated - Premium Non-Safety Option

ATP Universal Couplings

Universal couplings are designed to accept multiple plug interchanges. This not only increases the usability of the coupling, but can also decrease inventory of different couplings. Competitors that offer a universal coupling generally accept three different interchanges. ATP offers a coupling that accepts 5 different interchanges:

1. High Flow
2. ARO 210
3. Tru-Flate Interchange
4. U.S. 1/4 Industrial Interchange
5. Lincoln Interchange

* See page 11 for plug profiles *



ATP Universal Automatic - Sleeve automatically pulled back and released during plug engagement
Physically pull back sleeve to disengage

Image	Model	Thread	T L (in)	OD (in)	Hex 1 (mm)	Hex 2 (mm)	Weight (oz)	Drawing
	5SOC-N2F	NPT 1/4 Female	2.25	0.94	19	NA	3.45	
	5SOC-N3F	NPT 3/8 Female	2.36	0.94	21	NA	3.81	
	5SOC-N2M	NPT 1/4 Male	2.36	0.94	19	NA	3.31	
	5SOC-N3M	NPT 3/8 Male	2.36	0.94	19	NA	3.59	
	5SOC-2B	1/4 Hose Barb	2.79	0.94	19	NA	3.38	
	5SOC-3B	3/8 Hose Barb	2.87	0.94	19	NA	3.49	
	5SOC-4B	1/2 Hose Barb	2.99	0.94	19	NA	4.47	
	5SOC-H14	1/4 x 3/8 Compression	2.57	0.94	19	16	3.59	
	5SOC-H38	3/8 x 9/16 Compression	2.69	0.94	19	21	4.30	

1/4 U.S. Industrial Interchange Plugs (5SOC Compatible) ISO 6150-B-12

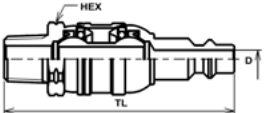
Image	Model	Thread	T L (in)	D (in)	Hex 1 (mm)	Hex 2 (mm)	Weight (oz)	Drawing
	14PIC-N2F	NPT 1/4 Female	1.57	0.20	17	NA	1.00	
	14PIC-N3F	NPT 3/8 Female	1.61	0.20	21	NA	1.40	
	14PIC-N2M	NPT 1/4 Male	1.69	0.20	14	NA	1.00	
	14PIC-N3M	NPT 3/8 Male	1.73	0.20	19	NA	1.40	
	14PIC-2B	1/4 Hose Barb	2.00	0.20	NA	NA	1.00	
	14PIC-3B	3/8 Hose Barb	2.00	0.20	NA	NA	1.20	
	14PIC-H14	1/4 x 3/8 Compression	1.95	0.20	16	16	1.40	
	14PIC-H38	3/8 x 9/16 Compression	2.00	0.20	21	21	1.90	

Steel / Chrome Plated - Premium Non-Safety Option

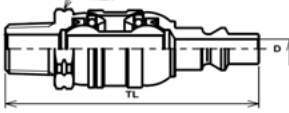
NFAP-N2M-A210

N	New Generation Model	N	NPT Thread	A210	ARO 210 Interchange
FA	Free Angle	G	BSPT Thread (No Mark)	C320	High Flow Interchange
P	Plug		BSPP Thread (Special)	C84	ISO 6140C Interchange
		1	1/8" Thread	JIS	Japanese Interchange
		2	1/4" Thread	LN	Lincoln Interchange
		3	3/8" Thread	UA	1/4" US Industrial Interchange
		M	Male Thread	UB	3/8" US Industrial Interchange

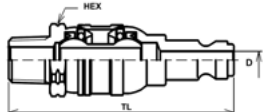
1/4 U.S. Industrial Interchange FREE ANGLE® (5SOC Compatible)

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	NFAP-N1M-UA	NPT 1/8 Male	2.62	0.2	19	2.1	
	NFAP-N2M-UA	NPT 1/4 Male	2.75	0.2	19	2.2	
	NFAP-N3M-UA	NPT 3/8 Male	2.75	0.2	19	2.4	

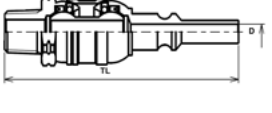
ARO 210 Interchange FREE ANGLE® (5SOC Compatible)

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	NFAP-N2M-A210	NPT 1/4 Male	2.62	0.2	19	2.1	

1/4 Tru-Flate Interchange FREE ANGLE® (5SOC Compatible)

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	NFAP-N2M-TRUFL	NPT 1/4 Male	2.80	0.20	19	2.4	

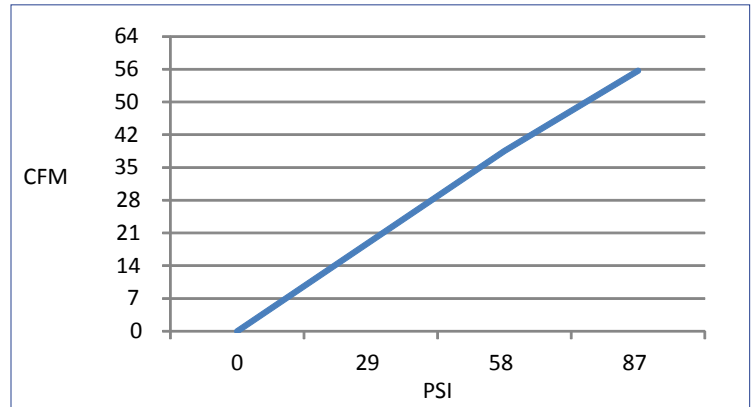
Lincoln Interchange FREE ANGLE® (5SOC Compatible)

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	NFAP-N2M-LN	NPT 1/4 Male	3.25	0.19	19	2.2	

Steel / Chrome Plated - Premium Non-Safety Option

High Flow Couplings European Standard 7,2

14 SI-N3F			
14	1/4" Interchange	S	Socket/Coupling Plug
38	3/8" Interchange	I	Manual
5	Universal	O	Automatic
HF	High Flow	C	Chrome Plated Steel (No Mark)
		N	NPT Thread BSPT Thread (No Mark)
		1	1/8" Thread
		2	1/4" Thread
		3	3/8" Thread
		4	1/2" Thread
		M	Male Thread
		F	Female Thread
		B	Barb
		H	Compression

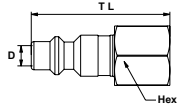
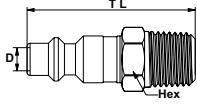
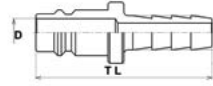
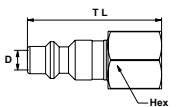
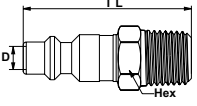
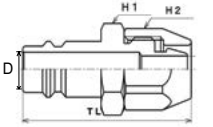


ATP Automatic - Sleeve automatically pulled back and released during plug engagement
Physically pull back sleeve to disengage

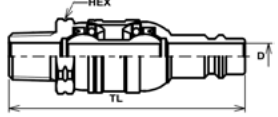
Image	Model	Thread	T L (in)	OD (in)	Hex 1 (mm)	Hex 2 (mm)	Weight (oz)	Drawing
	HFSOC-N2F	NPT 1/4 Female	2.10	0.88	19	NA	3.35	
	HFSOC-N3F	NPT 3/8 Female	2.14	0.88	21	NA	3.70	
	HFSOC-N2M	NPT 1/4 Male	2.10	0.88	19	NA	3.06	
	HFSOC-N3M	NPT 3/8 Male	2.14	0.88	19	NA	3.49	
	HFSOC-2B	1/4 Hose Barb	2.28	0.88	NA	NA	3.1	
	HFSOC-3B	3/8 Hose Barb	2.57	0.88	NA	NA	3.24	
	HFSOC-2F	BSPT 1/4 Female	2.10	0.88	19	NA	3.35	
	HFSOC-3F	BSPT 3/8 Female	2.14	0.88	21	NA	3.70	
	HFSOC-2M	BSPT 1/4 Male	2.10	0.88	19	NA	2.99	
	HFSOC-3M	BSPT 3/8 Male	2.14	0.88	19	NA	3.38	
	HFSOC-50H	5 x 8 Compression	2.22	0.88	19	14	3.28	
	HFSOC-65H	6.5 x 10 Compression	2.24	0.88	19	16	3.38	
	HFSOC-80H	8 x 12 Compression	2.34	0.88	19	19	3.70	

Steel / Chrome Plated - Premium Non-Safety Option

High Flow Plugs (5SOC Compatible) European Standard 7,2

Image	Model	Thread	T L (in)	D (in)	Hex 1 (mm)	Hex 2 (mm)	Weight (oz)	Drawing
	HFPC-N2F	NPT 1/4 Female	1.43	0.28	17	NA	0.91	
	HFPC-N3F	NPT 3/8 Female	1.47	0.28	21	NA	1.16	
	HFPC-N2M	NPT 1/4 Male	1.51	0.28	14	NA	0.74	
	HFPC-N3M	NPT 3/8 Male	1.66	0.28	19	NA	1.30	
	HFPC-2B	1/4 Hose Barb	1.96	0.28	NA	NA	0.74	
	HFPC-3B	3/8 Hose Barb	2.06	0.28	NA	NA	0.84	
	HFPC-2F	BSPT 1/4 Female	1.43	0.28	17	NA	0.91	
	HFPC-3F	BSPT 3/8 Female	1.47	0.28	21	NA	1.16	
	HFPC-2M	BSPT 1/4 Male	1.51	0.28	14	NA	0.74	
	HFPC-3M	BSPT 3/8 Male	1.66	0.28	19	NA	1.30	
	HFPC-50H	5 x 8 Compression	1.62	0.28	19	14	1.16	
	HFPC-65H	6.5 x 10 Compression	1.72	0.28	19	16	1.26	
	HFPC-80H	8 x 12 Compression	1.82	0.28	19	19	1.79	

High Flow FREE ANGLE® (5SOC Compatible)

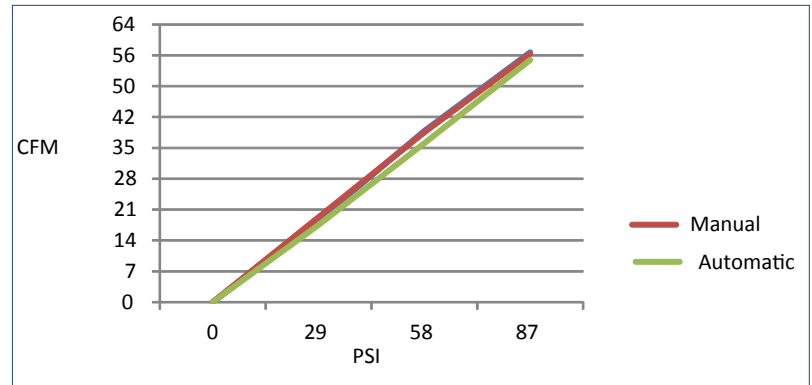
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	NFAP-N2M-C320	NPT 1/4 Male	2.50	0.28	19	2.1	

Steel / Chrome Plated - Premium Non-Safety Option

3/8 U.S. Industrial Interchange Couplings ISO 6150-B-15

14 SI-N3F

14	1/4" Interchange	S	Socket/Coupling Plug	N	NPT Thread
38	3/8" Interchange	P			BSPT Thread (No Mark)
5	Universal	I	Manual	1	1/8" Thread
HF	High Flow	O	Automatic	2	1/4" Thread
		C	Chrome Plated Steel (No Mark)	3	3/8" Thread
				4	1/2" Thread
				M	Male Thread
				F	Female Thread
				B	Barb
				H	Compression

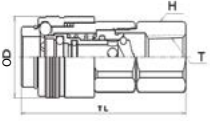
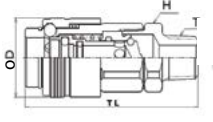
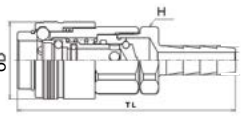
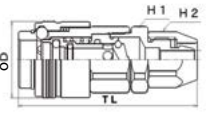


ATP Manual - Must physically pull back sleeve to engage and disengage plug

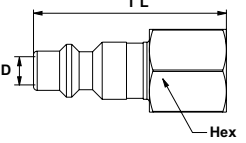
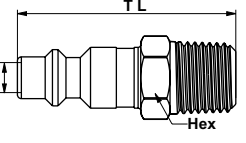
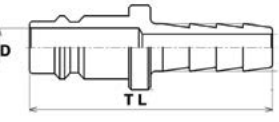
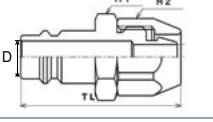
Image	Model	Thread	T L (in)	OD (in)	Hex 1 (mm)	Hex 2 (mm)	Weight (oz)	Drawing
	38SIC-N2F	NPT 1/4 Female	1.81	0.94	19	NA	2.80	
	38SIC-N3F	NPT 3/8 Female	1.92	0.94	21	NA	3.10	
	38SIC-N4F	NPT 1/2 Female	1.94	0.94	26	NA	3.50	
	38SIC-N2M	NPT 1/4 Male	1.94	0.94	19	NA	2.70	
	38SIC-N3M	NPT 3/8 Male	1.98	0.94	19	NA	2.90	
	38SIC-N4M	NPT 1/2 Male	2.04	0.94	22	NA	3.00	
	38SIC-2B	1/4 Hose Barb	2.40	0.94	19	NA	2.60	
	38SIC-3B	3/8 Hose Barb	2.48	0.94	19	NA	2.70	
	38SIC-4B	1/2 Hose Barb	2.59	0.94	19	NA	3.00	
	38SIC-H14	1/4 x 3/8 Compression	2.14	0.94	16	16	3.10	
	38SIC-H38	3/8 x 9/16 Compression	2.32	0.94	21	21	3.80	

Steel / Chrome Plated - Premium Non-Safety Option

**ATP Automatic - Sleeve automatically pulled back and released during plug engagement
& Physically pull back sleeve to disengage**

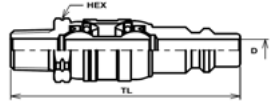
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	38SOC-N2F	NPT 1/4 Female	2.11	0.94	19	NA	3.20	
	38SOC-N3F	NPT 3/8 Female	2.22	0.94	21	NA	3.40	
	38SOC-N4F	NPT 1/2 Female	2.24	0.94	26	NA	3.50	
	38SOC-N2M	NPT 1/4 Male	2.24	0.94	19	NA	2.90	
	38SOC-N3M	NPT 3/8 Male	2.28	0.94	19	NA	3.30	
	38SOC-N4M	NPT 1/2 Male	2.34	0.94	22	NA	3.60	
	38SOC-2B	1/4 Hose Barb	2.69	0.94	19	NA	3.30	
	38SOC-3B	3/8 Hose Barb	2.77	0.94	19	NA	3.50	
	38SOC-4B	1/2 Hose Barb	2.89	0.94	19	NA	3.80	
	38SOC-H14	1/4 x 3/8 Compression	2.44	0.94	16	16	2.90	
	38SOC-H38	3/8 x 9/16 Compression	2.59	0.94	21	21	3.30	

3/8 U.S. Industrial Interchange Plugs ISO 6150-B-15

Image	Model	Thread	T L (in)	D (in)	Hex 1 (mm)	Hex 2 (mm)	Weight (oz)	Drawing
	38PIC-N2F	NPT 1/4 Female	1.65	0.28	17	NA	1.20	
	38PIC-N3F	NPT 3/8 Female	1.71	0.28	21	NA	1.60	
	38PIC-N4F	NPT 1/2 Female	1.85	0.28	26	NA	2.40	
	38PIC-N2M	NPT 1/4 Male	1.78	0.28	16	NA	1.20	
	38PIC-N3M	NPT 3/8 Male	1.82	0.28	19	NA	1.50	
	38PIC-N4M	NPT 1/2 Male	1.90	0.28	22	NA	2.00	
	38PIC-2B	1/4 Hose Barb	2.30	0.28	NA	NA	1.60	
	38PIC-3B	3/8 Hose Barb	2.30	0.28	NA	NA	2.00	
	38PIC-4B	1/2 Hose Barb	2.30	0.28	NA	NA	2.20	
	38PIC-H14	1/4 x 3/8 Compression	2.00	0.28	16	16	2.40	
	38PIC-H38	3/8 x 9/16 Compression	2.26	0.28	21	21	2.90	

Steel / Chrome Plated - Premium Non-Safety Option

3/8 U.S. Industrial Interchange FREE ANGLE®

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	NFAP-N2M-UB	NPT 1/4 Male	2.75	0.28	19	2.4	
	NFAP-N3M-UB	NPT 3/8 Male	2.75	0.28	19	2.6	



1/4" Industrial Interchange
(5SOC Compatible)

Plug Profile Identification (Actual Size)



Tru-Flate Interchange
(5SOC Compatible)



3/8" Industrial Interchange



High Flow Interchange
(5SOC Compatible)



C 84 Interchange



ARO 210 Interchange
(5SOC Compatible)



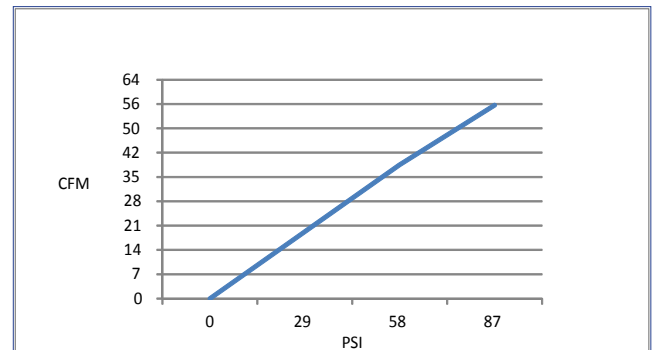
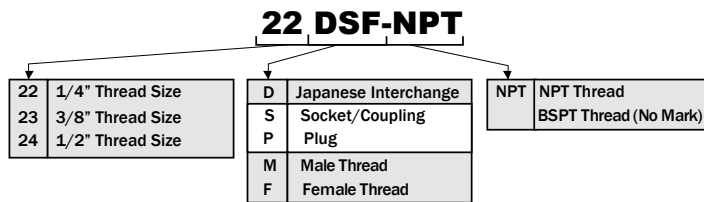
Japanese (Asia) Interchange



Lincoln Interchange
(5SOC Compatible)

Steel / Chrome Plated - Premium Non-Safety Option

Japanese Interchange Couplings Asian Profile 7,5

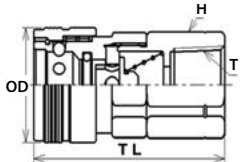
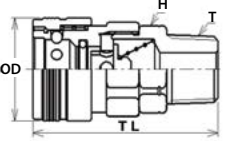
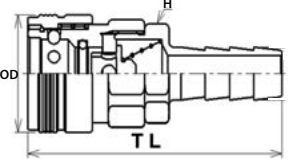
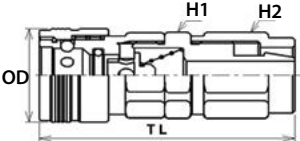


ATP Manual - Must physically pull back sleeve to engage and disengage plug

Image	Model	Thread	T L (in)	OD (in)	Hex 1 (mm)	Hex 2 (mm)	Weight (oz)	Drawing
	22-DSF-NPT	NPT 1/4 Female	1.81	0.98	19	NA	2.90	
	23-DSF-NPT	NPT 3/8 Female	1.98	0.98	21	NA	3.20	
	24-DSF-NPT	NPT 1/2 Female	2.00	0.98	26	NA	3.80	
	22-DSM-NPT	NPT 1/4 Male	1.96	0.98	19	NA	2.80	
	23-DSM-NPT	NPT 3/8 Male	1.96	0.98	19	NA	3.00	
	24-DSM-NPT	NPT 1/2 Male	2.02	0.98	21	NA	3.40	
	22-DSF	BSPT 1/4 Female	1.81	0.98	19	NA	2.90	
	23-DSF	BSPT 3/8 Female	1.98	0.98	21	NA	3.20	
	24-DSF	BSPT 1/2 Female	2.00	0.98	26	NA	3.80	
	22-DSM	BSPT 1/4 Male	1.96	0.98	19	NA	2.80	
	23-DSM	BSPT 3/8 Male	1.96	0.98	19	NA	3.00	
	24-DSM	BSPT 1/2 Male	2.02	0.98	21	NA	3.40	
	22-DSH	1/4 Hose Barb	2.63	0.98	19	NA	2.90	
	23-DSH	3/8 Hose Barb	2.79	0.98	19	NA	3.20	
	24-DSH	1/2 Hose Barb	2.79	0.98	19	NA	3.80	
	50-DSC	1/4 Compression	2.00	0.98	19	14	3.50	
	65-DSC	3/8 Compression	2.08	0.98	19	16	3.70	
	80-DSC	1/2 Compression	2.20	0.98	19	19	4.00	

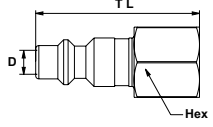
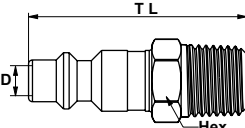
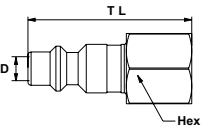
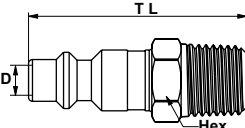
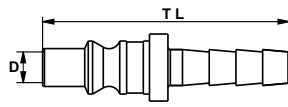
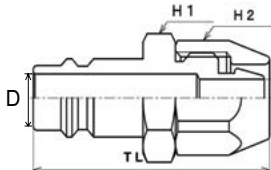
Steel / Chrome Plated - Premium Non-Safety Option

**ATP Automatic - Sleeve automatically pulled back and released during plug engagement
& Physically pull back sleeve to disengage**

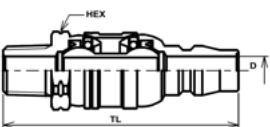
Image	Model	Thread	T L (in)	OD (in)	Hex 1 (mm)	Hex 2 (mm)	Weight (oz)	Drawing
	22-SOF	BSPT 1/4 Female	2.12	0.98	19	NA	2.90	
	23-SOF	BSPT 3/8 Female	2.28	0.98	21	NA	3.20	
	24-SOF	BSPT 1/2 Female	2.28	0.98	26	NA	3.80	
	22-SOM	BSPT 1/4 Male	2.28	0.98	19	NA	2.90	
	23-SOM	BSPT 3/8 Male	2.32	0.98	19	NA	3.20	
	24-SOM	BSPT 1/2 Male	2.32	0.98	21	NA	3.80	
	22-SOH	1/4 Hose Barb	2.95	0.98	19	NA	2.90	
	23-SOH	3/8 Hose Barb	3.11	0.98	21	NA	3.30	
	24-SOH	1/2 Hose Barb	3.11	0.98	26	NA	3.80	
	50-SOC	8mm x 5mm Compression	1.14	0.98	19	14	3.50	
	65-SOC	10mm x 6.5mm Compression	2.40	0.98	19	16	3.70	
	80-SOC	12mm x 8mm Compression	2.51	0.98	19	19	4.00	

Steel / Chrome Plated - Premium Non-Safety Option

Japanese Interchange Plugs Asian Profile 7,5

Image	Model	Thread	T L (in)	D (in)	Hex 1 (mm)	Hex 2 (mm)	Weight (oz)	Drawing
	22-DPF NPT	NPT 1/4 Female	1.41	0.29	17	NA	1.00	
	23-DPF NPT	NPT 3/8 Female	1.47	0.29	21	NA	1.40	
	24-DPF NPT	NPT 1/2 Female	1.53	0.29	26	NA	1.90	
	22-DPM NPT	NPT 1/4 Male	1.61	0.29	14	NA	1.00	
	23-DPM NPT	NPT 3/8 Male	1.65	0.29	19	NA	1.40	
	24-DPM NPT	NPT 1/2 Male	1.67	0.29	21	NA	1.90	
	22-DPF	BSPT 1/4 Female	1.41	0.29	17	NA	1.00	
	23-DPF	BSPT 3/8 Female	1.47	0.29	21	NA	1.40	
	24-DPF	BSPT 1/2 Female	1.53	0.29	26	NA	1.90	
	22-DPM	BSPT 1/4 Male	1.61	0.29	14	NA	1.00	
	23-DPM	BSPT 3/8 Male	1.65	0.29	19	NA	1.40	
	24-DPM	BSPT 1/2 Male	1.67	0.29	21	NA	1.90	
	22-DPH	1/4 Hose Barb	2.24	0.29	NA	NA	1.00	
	23-DPH	3/8 Hose Barb	2.40	0.29	NA	NA	1.40	
	24-DPH	1/2" Hose Barb	2.55	0.29	NA	NA	1.90	
	50-DPC	8mm x 5mm Compression	1.61	0.29	17	14	1.40	
	65-DPC	10mm x 6.5mm Compression	1.71	0.29	17	16	1.70	
	80-DPC	12mm x 8mm Compression	1.81	0.29	19	19	2.00	

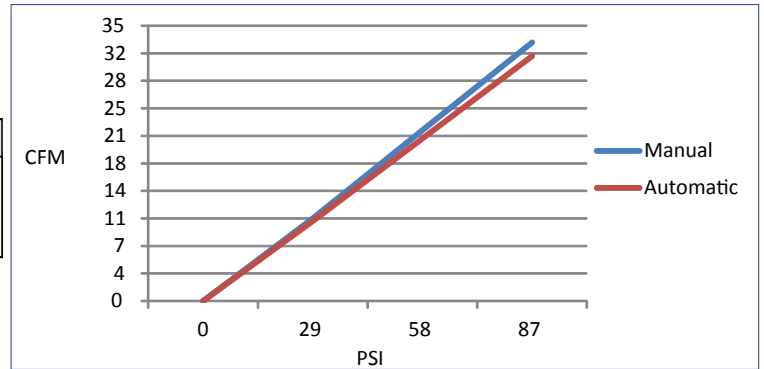
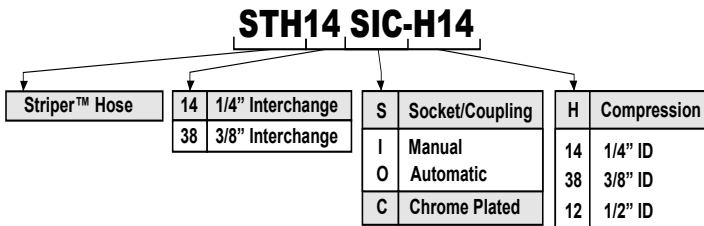
Japanese Interchange FREE ANGLE®

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	NFAP-N2M-JIS	NPT 1/4 Male	2.50	0.29	19	2.1	
	NFAP-2M-JIS	BSPT Male	2.50	0.29	19	2.1	

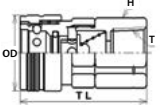
Steel / Chrome Plated - Premium Non-Safety Option

Striper™ Hose Nut Couplings

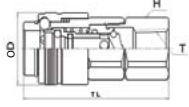
1/4 Industrial Interchange



ATP Manual - Must physically pull back sleeve to engage and disengage plug

Image	Model	Thread	T L (in)	OD (in)	Hex 1 (mm)	Hex 2 (mm)	Weight (oz)	Drawing
	STH14SIC-H14	1/4" ID Striper™ Hose Compression	2.57	0.82	19	19	3.00	

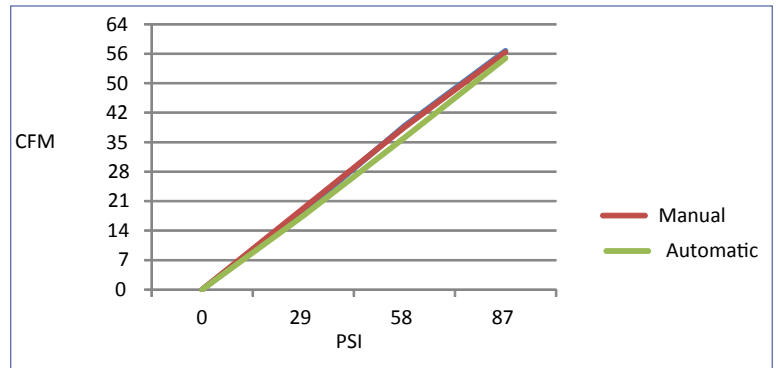
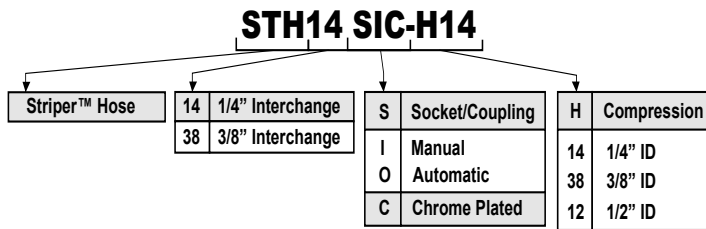
ATP Automatic - Sleeve automatically pulled back and released during plug engagement
Manually pull back sleeve to disengage

Image	Model	Thread	T L (in)	OD (in)	Hex 1 (mm)	Hex 2 (mm)	Weight (oz)	Drawing
	STH14SOC-H14	1/4" ID Striper™ Hose Compression	2.80	0.82	19	19	3.00	

Steel / Chrome Plated - Premium Non-Safety Option

Striper™ Hose Nut Couplings

3/8 Industrial Interchange



ATP Manual - Must physically pull back sleeve to engage and disengage plug

Image	Model	Thread	T L (in)	OD (in)	Hex 1 (mm)	Hex 2 (mm)	Weight (oz)	Drawing
	STH38SIC-H38	3/8" ID Striper™ Hose Compression	3.03	0.97	24	24	3.50	
	STH38SIC-H12	1/2" ID Striper™ Hose Compression	3.26	0.97	26	26	3.90	

ATP Automatic - Sleeve automatically pulled back and released during plug engagement
Manually pull back sleeve to disengage

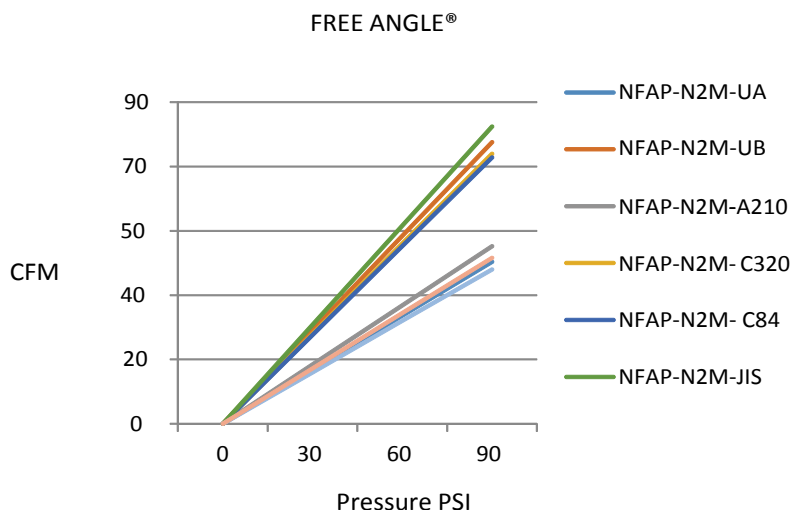
Image	Model	Thread	T L (in)	OD (in)	Hex 1 (mm)	Hex 2 (mm)	Weight (oz)	Drawing
	STH38SOC-H38	3/8" ID Striper™ Hose Compression	2.80	0.82	19	19	3.00	
	STH38SOC-H12	1/2" ID Striper™ Hose Compression	2.80	0.82	19	19	3.00	

Steel / Chrome Plated - Premium Non-Safety Option

FREE ANGLE®

Features :

- Improved durability! A new steel cover protects rotating joint better than the original polyurethane cover.
- Two independent-rotation points allow a full 360° circular rotation and 45° angled rotation allows for better swivel action vs. Traditional swivel fittings.
- Prevents kinking of and strain on the supply line.
- Helps alleviate carpal tunnel syndrome and Back stress resulting in fewer lost-time injuries.
- Lightweight, streamlined design.
- Chrome-plated steel construction for long service life.
- Thread sealant is supplied on all male fittings.
- Many styles and sizes available for any application. Custom styles available with minimum quantity order.



Applications :

- Automotive Assembly Operations
- Electronics Assembly Operations
- Workstations
- Commercial & Residential Construction
- Robotic Joints
- Automotive Repair Facilities
- Paint & Body Shops

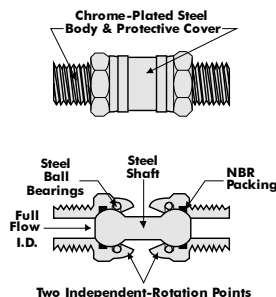
Specifications:

Media - Air Only

Working Temperature Range - 20°—140°F

Maximum Working Pressure - 145 PSI

Inner Diameter = 7.0mm



NFAP-N2M-A210

N	New Generation Model
FA	Free Angle
P	Plug

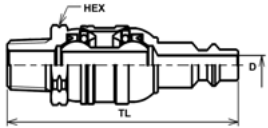
N	NPT Thread
	BSPT Thread (No Mark)
G	BSPP Thread (Special)
1	1/8" Thread
2	1/4" Thread
3	3/8" Thread
M	Male Thread

A210	ARO 210 Interchange
C320	High Flow Interchange
C84	ISO 6140C Interchange
JIS	Japanese Interchange
LN	Lincoln Interchange
UA	1/4" US Industrial Interchange
UB	3/8" US Industrial Interchange

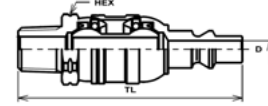
Steel / Chrome Plated - Premium Option

Plugs

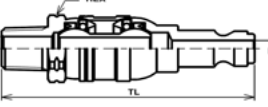
1/4 U.S. Industrial Interchange FREE ANGLE® (5SOC Compatible)

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	NFAP-N1M-UA	NPT 1/8 Male	2.62	0.2	19	2.1	
	NFAP-N2M-UA	NPT 1/4 Male	2.75	0.2	19	2.2	
	NFAP-N3M-UA	NPT 3/8 Male	2.75	0.2	19	2.4	

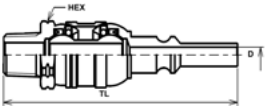
ARO 210 Interchange FREE ANGLE® (5SOC Compatible)

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	NFAP-N2M-A210	NPT 1/4 Male	2.62	0.2	19	2.1	

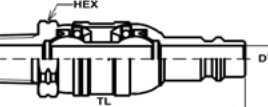
1/4 Tru-Flate Interchange FREE ANGLE® (5SOC Compatible)

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	NFAP-N2M-TRUFL	NPT 1/4 Male	2.80	0.20	19	2.4	

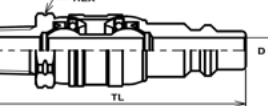
Lincoln Interchange FREE ANGLE® (5SOC Compatible)

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	NFAP-N2M-LN	NPT 1/4 Male	3.25	0.19	19	2.2	

High Flow FREE ANGLE® (5SOC Compatible)

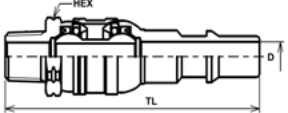
Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	NFAP-N2M-C320	NPT 1/4 Male	2.50	0.28	19	2.1	

3/8 U.S. Industrial Interchange FREE ANGLE®

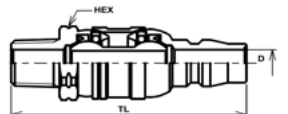
Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	NFAP-N2M-UB	NPT 1/4 Male	2.75	0.28	19	2.4	
	NFAP-N3M-UB	NPT 3/8 Male	2.75	0.28	19	2.6	

Steel / Chrome Plated - Premium Non-Safety Option

ISO 6150C Interchange FREE ANGLE®

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	NFAP-N2M-C84	NPT 1/4 Male	3.25	0.31	19	2.5	
	NFAP-2M-C84	BSPT 3/8 Male	3.25	0.31	19	2.5	

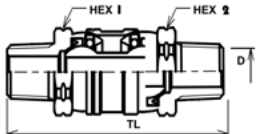
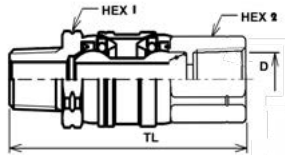
Japanese Interchange FREE ANGLE®

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	NFAP-N2M-JIS	NPT 1/4 Male	2.5	0.29	19	2.1	
	NFAP-2M-JIS	BSPT 1/4 Male	2.5	0.29	19	2.1	

Male & Female FREE ANGLE®

NFA N2M-N2M

N	New Generation Model	N	NPT Thread	N	NPT Thread
FA	Free Angle	G	BSPT Thread (No Mark)	G	BSPT Thread (No Mark)
		G	BSPP Thread (Special)	G	BSPP Thread (Special)
		1	1/8" Thread	1	1/8" Thread
		2	1/4" Thread	2	1/4" Thread
		3	3/8" Thread	3	3/8" Thread
		M	Male Thread	M	Male Thread
		F	Female Thread		

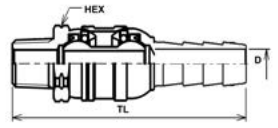
Image	Model	Thread	T L (in)	OD (in)	Hex 1 (mm)	Hex 2 (mm)	Weight (oz)	Drawing
	NFAN2M-N2M	1/4 NPT Male x 1/4 NPT Male	2.31	0.3	19	19	2.2	
	NFAN3M-N3M	3/8 NPT Male x 3/8 NPT Male	2.37	0.4	19	19	2.6	
	NFA2M-2M	1/4 BSPT Male x 1/4 BSPT Male	2.31	0.3	19	19	2.2	
	NFA3M-3M	3/8 BSPT Male x 3/8 BSPT Male	2.37	0.4	19	19	2.6	
	NFAN2F-N1M	1/4 NPT Female x 1/8 NPT Male	2.12	0.2	19	19	2.4	
	NFAN2F-N2M	1/4 NPT Female x 1/4 NPT Male	2.25	0.3	19	19	2.6	
	NFAN2F-N3M	1/4 NPT Female x 3/8 NPT Male	2.31	0.4	19	19	2.8	
	NFAN3F-N3M	3/8 NPT Female x 3/8 NPT Male	2.31	0.4	19	21	2.8	
	NFA2F-2M	1/4 BSPT Female x 1/4 BSPT Male	2.25	0.3	19	19	2.6	
	NFA3F-3M	3/8 BSPT Female x 3/8 BSPT Male	2.31	0.4	19	21	2.8	

Steel / Chrome Plated - Premium Non-Safety Option

Hose Barb FREE ANGLE®

NFAB-N1M-2

N	New Generation Model	N	NPT Thread	2	1/4" I.D. Hose Barb
FA	Free Angle		BSPT Thread (No Mark)	3	3/8" I.D. Hose Barb
B	Hose Barb	G	BSPP Thread (Special)		
		1	1/8" Thread		
		2	1/4" Thread		
		3	3/8" Thread		
		M	Male Thread		

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	NFAB-N1M-2	1/4 Hose Barb x 1/8 NPT Male	2.75	0.16	19	2.0	
	NFAB-N2M-2	1/4 Hose Barb x 1/4 NPT Male	2.81	0.16	19	2.1	
	NFAB-N2M-3	3/8 Hose Barb x 1/4 NPT Male	3.00	0.28	19	2.3	
	NFAB-N3M-3	3/8 Hose Barb x 3/8 NPT Male	3.00	0.28	19	2.5	

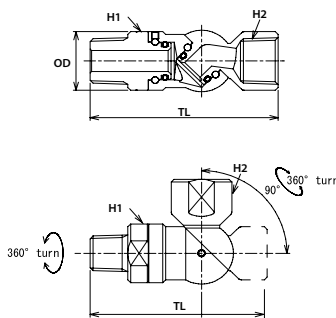
Free Elbow FREE ANGLE®

The ATP Free Angle® has been an industrial standard for increasing work site ergonomics and reducing user fatigue for years. We are now proud to introduce the ATP Free Elbow. The rotating joint has been designed to allow up to a 90° angle while maintaining a higher flow rate than any comparable item on the market.

FEN2F-N2M

FE	Free Elbow	N	NPT Thread	N	NPT Thread
			BSPT Thread (No Mark)		BSPT Thread (No Mark)
		2	1/4" Thread	2	1/4" Thread
		3	3/8" Thread	3	3/8" Thread
		4	1/2" Thread	4	1/2" Thread
		F	Female Thread	F	Female Thread
		M	Male Thread	M	Male Thread

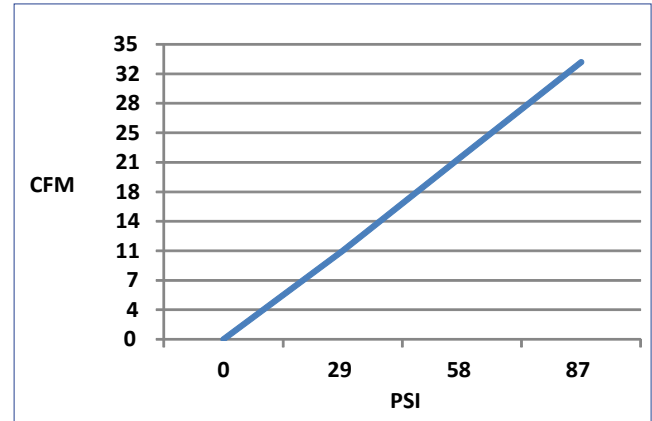
Size:	"The Competitor"	"The Free Elbow"
1/4	25 CFM / 708 LPM	51 CFM / 1450 LPM
3/8	65 CFM / 1814 LPM	92 CFM / 2600 LPM
1/2	120 CFM / 3398 LPM	148 CFM / 4200 LPM

Image	Model	Thread	T L (in)	D (in)	Hex 1 (mm)	Hex 2 (mm)	Weight (oz)	Drawing
	FEN2F-N2M	1/4 NPT Female x 1/4 NPT Male	2.40	0.80	19	17	3.70	
	FEN3F-N3M	3/8 NPT Female x 3/8 NPT Male	2.44	0.80	19	19	4.20	
	FEN4F-N4M	1/2 NPT Female x 1/2 NPT Male	2.85	1.02	24	24	6.00	
	FE2F-2M	1/4 BSPT Female x 1/4 BSPT Male	2.40	0.80	19	18	3.70	
	FE3F-3M	3/8 BSPT Female x 3/8 BSPT Male	2.44	0.80	19	19	4.20	
	FE4F-4M	1/2 BSPT Female x 1/2 BSPT Male	2.85	1.02	24	24	6.00	

Steel - Economic Non-Safety Option

1/4 U.S. Industrial Interchange Couplings ISO 6150-B-12

14 PA-N3F			
14	1/4" Interchange	S	Socket/Coupling Plug
38	3/8" Interchange	P	Industrial
5	Universal	I	ARO 210
HF	High Flow	A	Truflate
		T	Chrome Plated Steel (No Mark)
		C	Chrome Plated Steel (No Mark)
		N	NPT Thread
			BSPT Thread (No Mark)
		1	1/8" Thread
		2	1/4" Thread
		3	3/8" Thread
		4	1/2" Thread
		M	Male Thread
		F	Female Thread
		B	Barb
		H	Compression



ATP Manual - Must physically pull back sleeve to engage and disengage plug

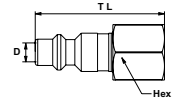
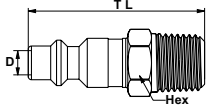
Image	Model	Thread	T L (in)	OD (in)	Hex (mm)	Weight (oz)	Drawing
	14SI-N2F	NPT 1/4 Female	1.88	0.86	19	2.85	
	14SI-N3F	NPT 3/8 Female	1.98	0.86	21	3.05	
	14SI-N4F	NPT 1/2 Female	2.09	0.86	24	3.60	
	14SI-N2M	NPT 1/4 Male	2.11	0.86	19	2.85	
	14SI-N3M	NPT 3/8 Male	2.11	0.86	19	3.05	
	14SI-N4M	NPT 1/2 Male	2.33	0.86	22	3.60	

1/4 U.S. Industrial Interchange Plugs (5SOC Compatible) ISO 6150-B-12

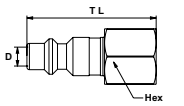
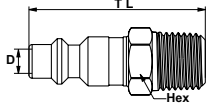
Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	14PI-N2F	NPT 1/4 Female	1.55	0.20	17	1.00	
	14PI-N3F	NPT 3/8 Female	1.55	0.20	17	1.00	
	14PI-N2M	NPT 1/4 Male	1.66	0.20	14	1.00	
	14PI-N3M	NPT 3/8 Male	1.66	0.20	17	1.20	

Steel - Economic Non-Safety Option

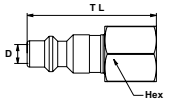
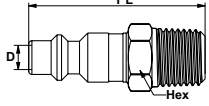
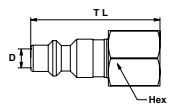
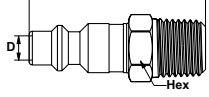
1/4 ARO 210 Interchange Plugs (5SOC Compatible) ARO 210

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	14PA-N2F	NPT 1/4 Female	1.47	0.20	17	1.00	
	14PA-N3F	NPT 3/8 Female	1.47	0.20	17	1.00	
	14PA-N2M	NPT 1/4 Male	1.70	0.20	14	1.00	
	14PA-N3M	NPT 3/8 Male	1.70	0.20	17	1.00	

Tru-Flate Interchange Plugs (5SOC Compatible) Tru-Flate

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	14PT-N2F	NPT 1/4 Female	1.48	.20	16	1.00	
	14PT-N3F	NPT 3/8 Female	1.50	.20	18	1.15	
	14PT-N2M	NPT 1/4 Male	1.59	.20	14	1.25	
	14PT-N3M	NPT 3/8 Male	1.69	.20	18	1.35	

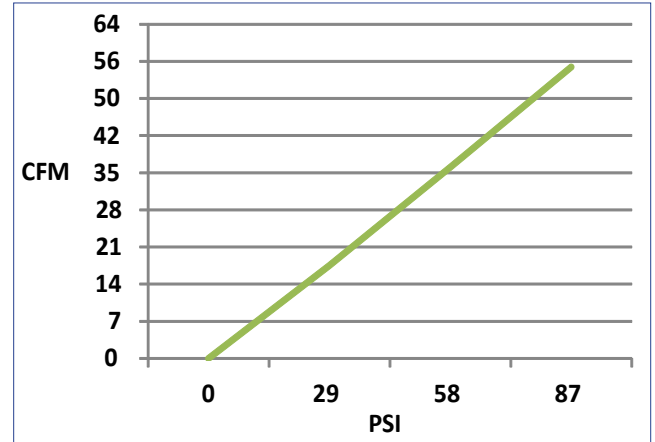
High Flow Plugs (5SOC Compatible) European Standard 7,2

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	HFP-N2F	NPT 1/4 Female	1.48	.28	17	1.00	
	HFP-N3F	NPT 3/8 Female	1.47	.28	17	1.15	
	HFP-N2M	NPT 1/4 Male	1.51	.28	14	1.20	
	HFP-N3M	NPT 3/8 Male	1.66	.28	17	1.35	
	HFP-2F	BSPT 1/4 Female	1.48	.28	17	1.00	
	HFP-3F	BSPT 3/8 Female	1.47	.28	17	1.15	
	HFP-2M	BSPT 1/4 Male	1.51	.28	14	1.20	
	HFP-3M	BSPT 3/8 Male	1.66	.28	17	1.35	

Steel - Economic Non-Safety Option

3/8 U.S. Industrial Interchange Couplings ISO 6150-B-15

14 PA-N3F			
14	1/4" Interchange	S	Socket/Coupling Plug
38	3/8" Interchange	P	
5	Universal	I	Industrial
HF	High Flow	A	ARO 210
		T	Truflate
		C	Chrome Plated Steel (No Mark)
		N	NPT Thread
			BSPT Thread (No Mark)
		1	1/8" Thread
		2	1/4" Thread
		3	3/8" Thread
		4	1/2" Thread
		M	Male Thread
		F	Female Thread
		B	Barb
		H	Compression



ATP Manual - Must physically pull back sleeve to engage and disengage plug

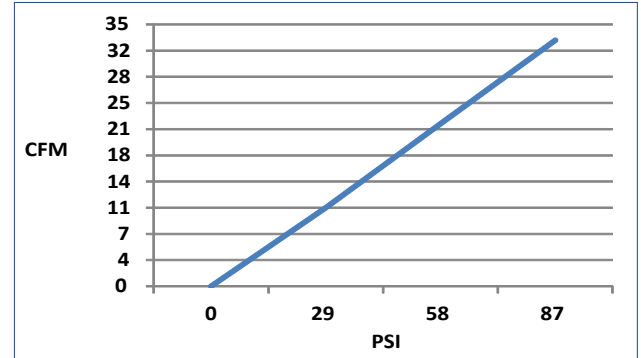
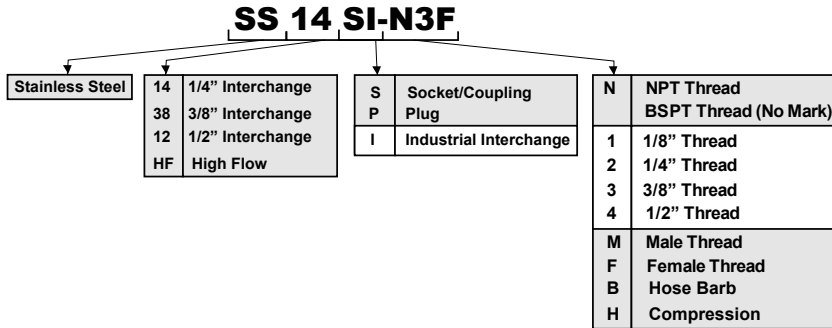
Image	Model	Thread	T L (in)	OD (in)	Hex (mm)	Weight (oz)	Drawing
	38SI-N2F	NPT 1/4 Female	2.24	1.06	22	5.00	
	38SI-N3F	NPT 3/8 Female	2.36	1.06	24	4.60	
	38SI-N4F	NPT 1/2 Female	2.40	1.06	24	5.50	
	38SI-N2M	NPT 1/4 Male	2.36	1.06	22	4.20	
	38SI-N3M	NPT 3/8 Male	2.36	1.06	22	4.80	
	38SI-N4M	NPT 1/2 Male	2.50	1.06	22	4.85	

3/8 U.S. Industrial Interchange Plugs ISO 6150-B-15

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	38PI-N2F	NPT 1/4 Female	1.50	0.28	17	1.30	
	38PI-N3F	NPT 3/8 Female	1.50	0.28	17	1.60	
	38PI-N4F	NPT 1/2 Female	1.50	0.28	17	2.00	
	38PI-N2M	NPT 1/4 Male	1.87	0.28	17	1.25	
	38PI-N3M	NPT 3/8 Male	1.87	0.28	17	1.60	
	38PI-N4M	NPT 1/2 Male	1.87	0.28	17	2.00	

Stainless Steel - Non-Safety Option

1/4 U.S. Industrial Interchange Couplings ISO 6150-B-12



ATP Manual - Must physically pull back sleeve to engage and disengage plug

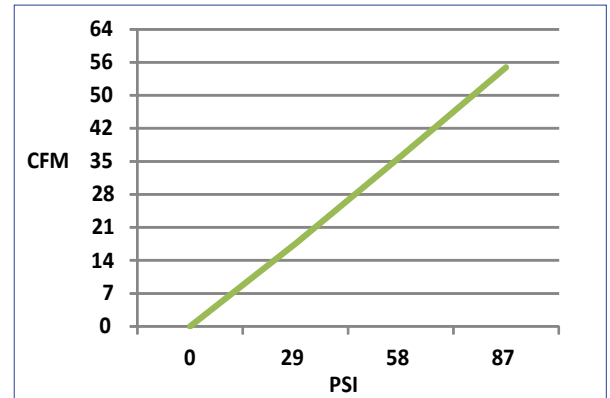
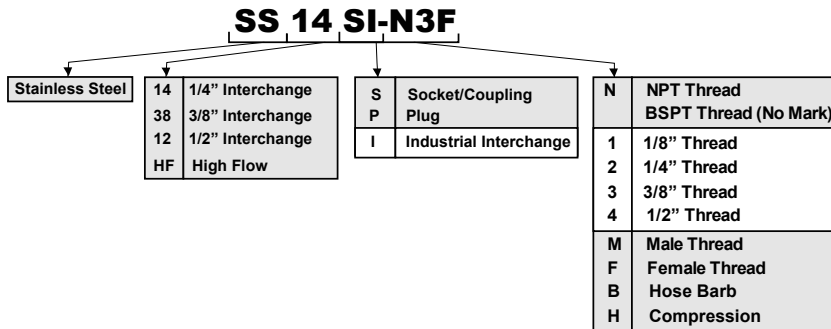
Image	Model	Thread	T L (in)	OD (in)	Hex (mm)	Weight (oz)	Drawing
	SS14SI-N2F	NPT 1/4 Female	2.50	.69	21	3.84	
	SS14SI-N3F	NPT 3/8 Female	2.65	.69	21	3.68	
	SS14SI-N2M	NPT 1/4 Male	2.70	.69	21	3.68	
	SS14SI-N3M	NPT 3/8 Male	2.50	.69	21	3.68	
	SS14SI-2B	1/4 Hose Barb	3.10	.69	21	2.88	
	SS14SI-3B	3/8 Hose Barb	3.10	.69	21	3.04	

1/4 U.S. Industrial Interchange Plugs (5SOC Compatible) ISO 6150-B-12

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	SS14PI-N2F	NPT 1/4 Female	1.50	.20	16	0.80	
	SS14PI-N3F	NPT 3/8 Female	1.71	.20	19	1.60	
	SS14PI-N2M	NPT 1/4 Male	1.69	.20	14	0.80	
	SS14PI-N3M	NPT 3/8 Male	1.75	.20	18	1.28	
	SS14PI-2B	1/4 Hose Barb	2.14	.20	13	0.64	
	SS14PI-3B	3/8 Hose Barb	2.14	.20	14	0.96	

Stainless Steel - Non-Safety Option

3/8 U.S. Industrial Interchange Couplings ISO 6150-B-15



ATP Manual - Must physically pull back sleeve to engage and disengage plug

Image	Model	Thread	T L (in)	OD (in)	Hex (mm)	Weight (oz)	Drawing
	SS38SI-N2F	NPT 1/4 Female	2.82	1.25	24	6.24	
	SS38SI-N3F	NPT 3/8 Female	2.82	1.25	24	5.76	
	SS38SI-N2M	NPT 1/4 Male	2.85	1.25	24	4.96	
	SS38SI-N3M	NPT 3/8 Male	2.85	1.25	24	5.28	
	SS38SI-2B	1/4 Hose Barb	3.25	1.25	24	4.96	
	SS38SI-3B	3/8 Hose Barb	3.25	1.25	24	4.96	

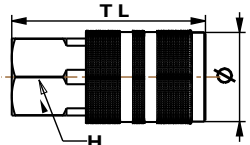
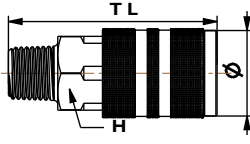
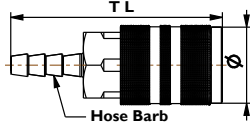
3/8 U.S. Industrial Interchange Plugs ISO 6150-B-15

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	SS38PI-N2F	NPT 1/4 Female	1.63	.28	16	0.96	
	SS38PI-N3F	NPT 3/8 Female	1.85	.28	19	1.44	
	SS38PI-N2M	NPT 1/4 Male	1.90	.28	18	1.28	
	SS38PI-N3M	NPT 3/8 Male	1.90	.28	18	1.44	
	SS38PI-2B	1/4 Hose Barb	2.30	.28	18	0.96	
	SS38PI-3B	3/8 Hose Barb	2.30	.28	18	1.28	

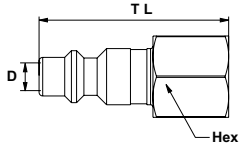
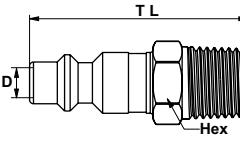
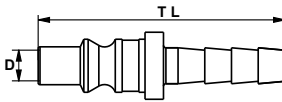
Stainless Steel - Non-Safety Option

1/2 U.S. Industrial Interchange Couplings ISO 6150-C-17

ATP Manual - Must physically pull back sleeve to engage and disengage plug

Image	Model	Thread	T L (in)	OD (in)	Hex (mm)	Weight (oz)	Drawing
	SS12SI-N3F	NPT 3/8 Female	3.50	1.30	27	9.12	
	SS12SI-N4F	NPT 1/2 Female	3.50	1.30	27	8.48	
	SS12SI-N6F	NPT 3/4 Female	3.75	1.30	30	8.96	
	SS12SI-N3M	NPT 3/8 Male	3.31	1.30	27	7.36	
	SS12SI-N4M	NPT 1/2 Male	3.50	1.30	27	7.68	
	SS12SI-N6M	NPT 3/4 Male	3.50	1.30	27	8.64	
	SS12SI-3B	3/8 Hose Barb	3.75	1.30	27	7.36	
	SS12SI-4B	1/2 Hose Barb	3.75	1.30	27	7.20	
	SS12SI-6B	3/4 Hose Barb	3.75	1.30	27	7.68	

1/2 U.S. Industrial Interchange Plugs ISO 6150-C-17

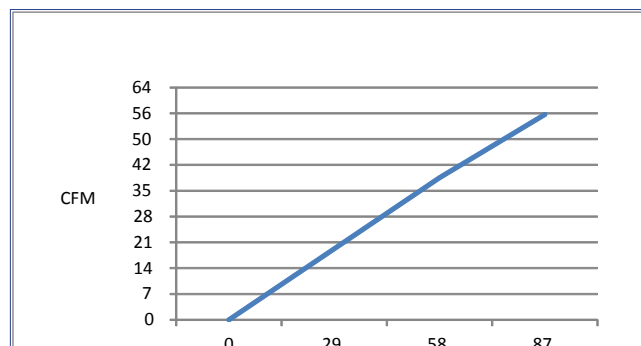
Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	SS12PI-N3F	NPT 3/8 Female	2.25	.44	19	1.92	
	SS12PI-N4F	NPT 1/2 Female	2.25	.44	24	2.72	
	SS12PI-N6F	NPT 3/4 Female	2.33	.44	30	4.16	
	SS12PI-N3M	NPT 3/8 Male	2.3	.44	17	2.56	
	SS12PI-N4M	NPT 1/2 Male	2.3	.44	22	2.56	
	SS12PI-N6M	NPT 3/4 Male	2.54	.44	27	3.84	
	SS12PI-3B	3/8 Hose Barb	2.54	.44	n/a	1.60	
	SS12PI-4B	1/2 Hose Barb	2.54	.44	n/a	1.92	
	SS12PI-6B	3/4 Hose Barb	2.54	.44	n/a	2.88	

Stainless Steel - Non-Safety Option

Japanese Interchange Couplings Asian Profile 7,5

22 DSF-SUS303

22	1/4" Thread Size	D	Japanese Interchange	Stainless Steel
23	3/8" Thread Size	S	Socket/Coupling	
24	1/2" Thread Size	P	Plug	
		M	Male Thread	
		F	Female Thread	



ATP Manual - Must physically pull back sleeve to engage and disengage plug

Image	Model	Thread	T L (in)	OD (in)	Hex (mm)	Weight (oz)	Drawing
	22-DSF-SUS303	BSPT 1/4 Female	1.81	0.98	19	2.85	
	23-DSF-SUS303	BSPT 3/8 Female	1.98	0.98	21	3.28	
	24-DSF-SUS303	BSPT 1/2 Female	2.00	0.98	26	3.95	
	22-DSM-SUS303	BSPT 1/4 Male	1.96	0.98	19	2.68	
	23-DSM-SUS303	BSPT 3/8 Male	1.96	0.98	19	3.03	
	24-DSM-SUS303	BSPT 1/2 Male	2.02	0.98	21	3.21	
	22-DSH-SUS303	1/4 Hose Barb	2.63	0.98	19	2.75	
	23-DSH-SUS303	3/8 Hose Barb	2.79	0.98	19	2.85	
	24-DSH-SUS303	1/2 Hose Barb	2.79	0.98	19	3.31	

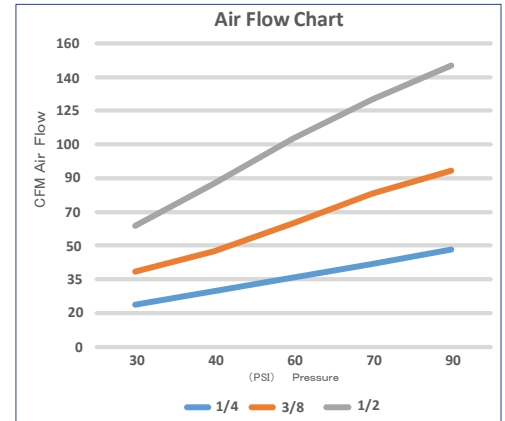
Japanese Interchange Plugs Asian Profile 7,5

Image	Model	Thread	T L (in)	D (in)	Hex (mm)	Weight (oz)	Drawing
	22-DPF-SUS303	BSPT 1/4 Female	1.41	0.29	17	1.02	
	23-DPF-SUS303	BSPT 3/8 Female	1.47	0.29	21	1.41	
	24-DPF-SUS303	BSPT 1/2 Female	1.53	0.29	26	2.01	
	22-DPM-SUS303	BSPT 1/4 Male	1.61	0.29	14	0.91	
	23-DPM-SUS303	BSPT 3/8 Male	1.65	0.29	19	1.37	
	24-DPM-SUS303	BSPT 1/2 Male	1.67	0.29	21	1.72	
	22-DPH-SUS303	1/4 Hose Barb	2.24	0.29	NA	0.98	
	23-DPH-SUS303	3/8 Hose Barb	2.40	0.29	NA	1.12	
	24-DPH-SUS303	1/2 Hose Barb	2.55	0.29	NA	1.79	

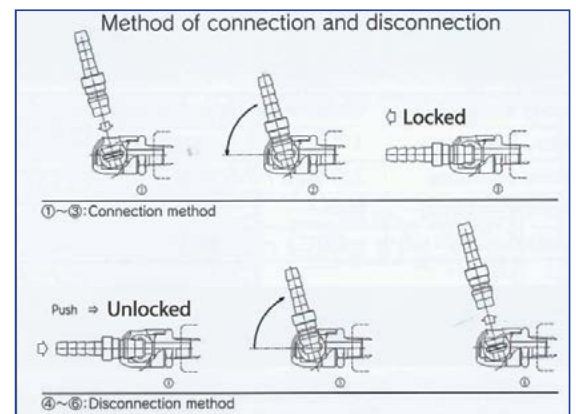
Steel / Chrome Plated - Premium Safety Option

- Full flow design - NO valve to restrict the air flow
- Safety lock connection. No accidental disconnection
- Purge function to discharge downstream air - No hose whip
- Tough and durable to withstand the rigors of typical industrial use.
- Chrome plated, compact and light weight design
- Fewer operation parts results in longer life

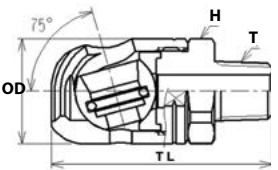
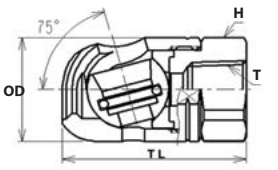
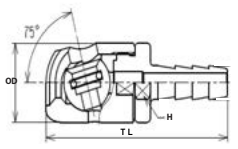
The ATP Safety-Slide™ coupling addresses many productivity, safety and longevity concerns in the work place. Its compact, lightweight design provides operator ease of use and reduces fatigue. The full, unrestricted flow reduces air consumption cost. The built in locking device protects from accidental disconnection and purging of downstream air provides a zero pressure disconnection for operator safety.



Body Material	Steel
Max. Pressure	210 PSI
Burst Pressure	280 PSI
Sealing Material	NBR
Temp. Range in Use	23°F - 140°F
Interchange	Industrial

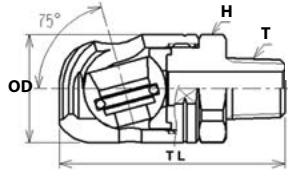
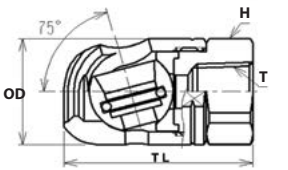
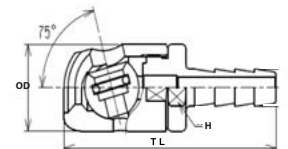


1/4 Industrial Interchange Safety-Slide™ Full Flow Air Coupling ISO 6150-B-12

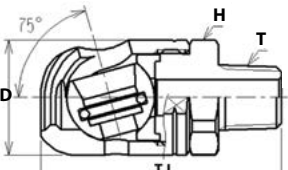
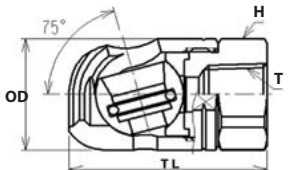
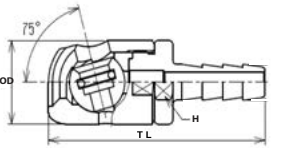
Actual Size Image	Model	Thread	T L (in)	OD (in)	Hex (mm)	Weight (oz)	Drawing
 14DF-N3M Actual Size Image	14DF-N2M	NPT 1/4 Male	1.85	0.83	19	2.50	
	14DF-N3M	NPT 3/8 Male	1.93	0.83	19	2.60	
	14DF-N4M	NPT 1/2 Male	2.00	0.83	22	3.00	
 14DF-N2F Actual Size Image	14DF-N2F	NPT 1/4 Female	1.73	0.83	19	2.50	
	14DF-N3F	NPT 3/8 Female	1.77	0.83	21	2.50	
	14DF-N4F	NPT 1/2 Female	1.85	0.83	26	3.00	
 14DF-2B Actual Size Image	14DF-2B	1/4 Hose Barb	2.32	0.83	19	2.10	
	14DF-3B	3/8 Hose Barb	2.40	0.83	19	2.30	
	14DF-4B	1/2 Hose Barb	2.52	0.83	19	2.80	

Steel / Chrome Plated - Premium Safety Option

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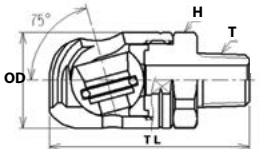
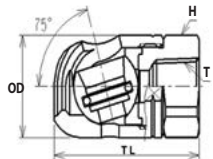
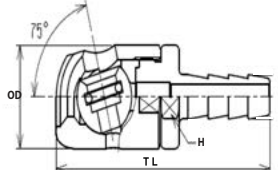
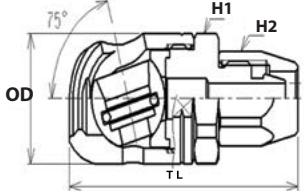
Actual Size Image	Model	Thread	T L (in)	OD (in)	Hex (mm)	Weight (oz)	Drawing
 38DF-N3M Actual Size Image	38DF-N2M	NPT 1/4 Male	1.93	0.94	22	3.40	
	38DF-N3M	NPT 3/8 Male	2.05	0.94	22	3.50	
	38DF-N4M	NPT 1/2" Male	2.05	0.94	22	3.50	
 38DF-N2F Actual Size Image	38DF-N2F	NPT 1/4 Female	1.57	0.94	22	3.40	
	38DF-N3F	NPT 3/8 Female	1.81	0.94	22	3.40	
	38DF-N4F	NPT 1/2 Female	1.89	0.94	26	3.50	
 38DF-3B Actual Size Image	38DF-2B	1/4 Hose Barb	2.40	0.94	22	3.00	
	38DF-3B	3/8 Hose Barb	2.48	0.94	22	3.40	
	38DF-4B	1/2 Hose Barb	2.59	0.94	22	3.50	

1/2 Industrial Interchange Safety-Slide™ Full Flow Air Coupling ISO 6150-C-17

Actual Size Image	Model	Thread	T L (in)	OD (in)	Hex (mm)	Weight (oz)	Drawing
 12DF-N4M Actual Size Image	12DF-N3M	NPT 3/8 Male	2.24	1.1	24	4.60	
	12DF-N4M	NPT 1/2 Male	2.24	1.1	24	4.70	
 12DF-N3F Actual Size Image	12DF-N3F	NPT 3/8 Female	1.77	1.1	24	4.40	
	12DF-N4F	NPT 1/2 Female	2.09	1.1	26	4.50	
	12DF-N6F	NPT 3/4 Female	2.17	1.1	32	5.0	
 12DF-4B Actual Size Image	12DF-3B	3/8 Hose Barb	2.67	1.1	24	4.40	
	12DF-4B	1/2 Hose Barb	2.79	1.1	24	4.90	

Steel / Chrome Plated - Premium Safety Option

Japanese Interchange Safety-Slide™ Full Flow Air Coupling Asian Profile 7,5

Actual Size Image	Model	Thread	T L (in)	OD (in)	Hex 1 (mm)	Hex 2 (mm)	Weight (oz)	Drawing
 <i>DF02M Actual Size Image</i>	DF02M	BSPT 1/4 Male	1.97	0.94	22	NA	3.40	
	DF03M	BSPT 3/8 Male	2.08	0.94	22	NA	3.50	
	DF04M	BSPT 1/2 Male	2.08	0.94	22	NA	3.60	
 <i>DF02F Actual Size Image</i>	DF02F	BSPT 1/4 Female	1.6	0.94	22	NA	3.50	
	DF03F	BSPT 3/8 Female	1.85	0.94	22	NA	3.10	
	DF04F	BSPT 1/2 Female	1.93	0.94	26	NA	3.50	
 <i>DF02B Actual Size Image</i>	DF02B	1/4 Hose Barb	2.44	0.94	22	NA	3.00	
	DF03B	3/8 Hose Barb	2.52	0.94	22	NA	3.10	
	DF04B	1/2 Hose Barb	2.64	0.94	22	NA	3.60	
 <i>DF65 Actual Size Image</i>	DF50	5 x 8mm Nut Coupling	2.08	0.94	22	14	3.20	
	DF65	6.5 x 10mm Nut Coupling	2.2	0.94	22	16	3.40	
	DF80	8 x 12mm Nut Coupling	2.28	0.94	22	19	4.20	
	DF110	11 x 16 mm Nut Coupling	2.28	0.94	23	23	5.10	

Aluminum Manifolds

Image	Model	Diameter / Length (in)	Width (in)	Height (in)	Description	Weight (oz)
	MYA-2	1.55	1.55	1.50	Round 1/4" Female NPT Supply (2) 1/4" Female NPT Outlets	2.50
	MYA-3	1.55	1.55	1.50	Round 1/4" Female NPT Supply (3) 1/4" Female NPT Outlets	2.30
	MLA-3	4.57	1.57	1.57	Rectangle (2) 1/2" Female NPT Supply (3) 1/4" Female NPT Outlets	13.75
	MLA-5	7.5	1.57	1.57	Rectangle (2) 1/2" Female NPT Supply (5) 1/4" Female NPT Outlets	21.90

LIMITED WARRANTY

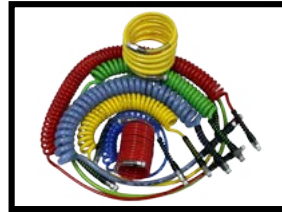
Advanced Technology Products expressly excludes all warranties, guarantees and representations, expressed or implied, including but not limited to warranties of merchantability, material, workmanship, design and suitability for a specified or intended purpose. Products shall be free from defects in material and workmanship for a period of one (1) year after shipment. If the product purchased is defective in any way during the one (1) year period, please contact ATP for an RGA number to return the product. No unauthorized returns will be accepted. Ship product prepaid to ATP for a full evaluation. If the product is found to be defective, ATP will repair or replace the product at no charge to the customer at ATP's sole discretion.

At ATP, we have developed the latest technology in tubing, spiral recoil & straight hoses, fittings and pneumatic accessories. In keeping with current market demands, our products offer ergonomics and safety advancements to help support assembly and automation applications.



Tubing - PTFE, FEP & Nylon

Only the highest-quality materials go into manufacturing our tubing. Over 50 stock sizes and 12 stock colors in both fractional and metric dimensions. Different Compounds and hardness are available upon request.



Spiral Recoil Hoses

Techniblu™, Technithane™ and our industry exclusives—the “Strong™” and “Strong-Plus™.” A tighter coil ID gives our Strong hoses better memory retention. The “Plus” is a lightweight, ergonomic, hose whip providing surface protection and operator comfort. Custom models are our specialty.



Technibond®

Thermally-bonded, polyurethane tube groupings available in straight and spiral configurations. Wire can be added to carry electric. Custom configurations welcome with no minimum quantities.

New & Improved!



ARMOR-AIR™ Contractor's Air Hose

This upgraded hose has been formulated with a lighter clear blue color to allow a better view of contaminants. The redesigned bend restrictors and nickel plated fittings allow for more longevity, while providing a more professional look and feel. Lightweight, flexible, and much more abrasion-resistant than traditional rubber air hoses makes Armor-Air™ a must have for any compressed air application.



Beverage Fittings and Tubings

Our Surethane™ polyurethane tubing and Imbibe™ linear low density polyethylene tubing are NSF certified to 51 and 61 respectively for food, beverage & potable water markets.



Weld Tubing

Polyurethane tubing covered with a flame-resistant layer. Meets UL94V0 rating. Designed for robotic welding and other severe-service applications. Can be bonded & spiraled.



Oetiker® Clamps

The Oetiker® Clamp creates a spring effect when the hose material expands or contracts in response to thermal or mechanical influences such as temperature, vibration, etc. Single ear, double ear and stepless in both carbon steel and stainless steel.



Technifit™ Push-To-Connect Fitting

All are made to extremely tight tolerances and work with ATP tubing to eliminate leaks. Our variety of fittings represents a large selection of the most common models, sizes and materials. Additional models and sizes are available as special order.



Quick Disconnect Couplings

Available in low pressure, steel, brass and stainless for pneumatic applications. Several models of safety couplings are also available from stock.



Free Angle® Swivel Fitting

The rubber boot has been replaced by an exclusive steel cover giving it a much longer service life. Our two rotation points make this superior to the imitators. The ergonomic, patented 360° circular rotation and 45° angled rotation makes this fitting indispensable for air tool and assembly applications.



Blow Guns

ATP offers a wide variety of blow guns ranging from an economical safety blow gun to rugged high end ultra quiet blow guns, all available with various interchangeable nozzles.



Hose & Cable Balancers

Durable cases and high-quality internal components make up our balancers. Ideal for workstation ergonomics.

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