

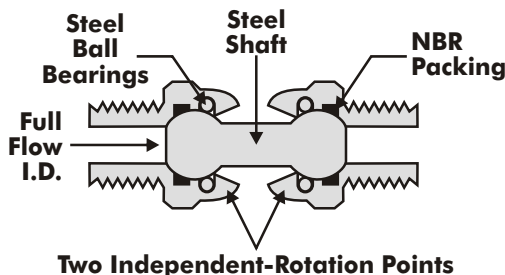
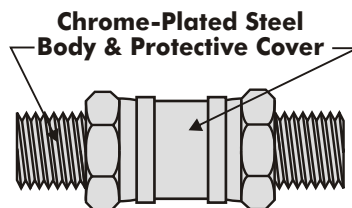
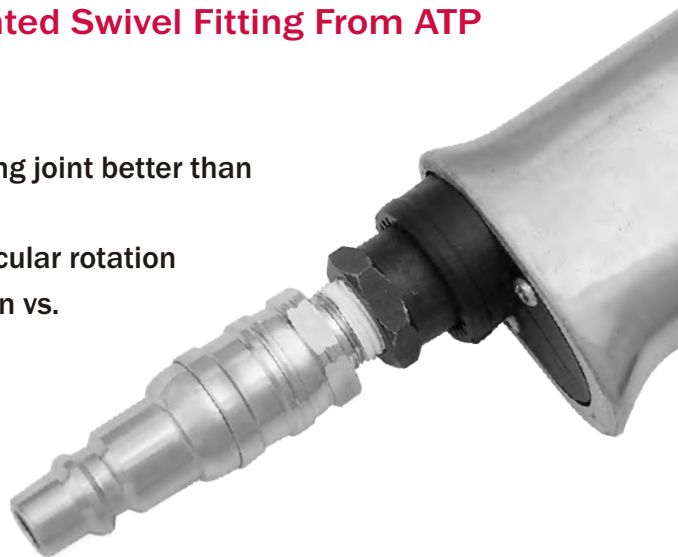


The New Generation FREE ANGLE®

The Improved, Ergonomic, Patented Swivel Fitting From ATP

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.



SPECIFICATIONS:

Media Air Only
 Working Temperature Range ... 20°–140° F
 Maximum Working Pressure 145 PSI
 Inner Diameter 7.0mm

USES:

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

The New Generation

FREE ANGLE[®]

Click on the part number to add the item to the shopping cart.

Male & Female

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)
		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		

Click on the part number to add the item to the shopping cart.



Part Number	Description	List Price
NFAN2M-N2M	1/4" NPT Male x 1/4" NPT Male	\$ 21.26
NFAN3M-N3M	3/8" NPT Male x 3/8" NPT Male	\$ 22.40
NFA2M-2M	1/4" BSPT Male x 1/4" BSPT Male	\$ 23.76
NFA3M-3M	3/8" BSPT Male x 3/8" BSPT Male	\$ 28.00



NFAN2F-N1M	1/4" NPT Female x 1/8" NPT Male	\$ 23.76
NFAN2F-N2M	1/4" NPT Female x 1/4" NPT Male	\$ 20.00
NFAN2F-N3M	1/4" NPT Female x 3/8" NPT Male	\$ 28.64
NFAN3F-N3M	3/8" NPT Female x 3/8" NPT Male	\$ 26.40
NFA2F-2M	1/4" BSPT Female x 1/4" BSPT Male	\$ 23.76
NFA3F-3M	3/8" BSPT Female x 3/8" BSPT Male	\$ 25.20

Click on the part number to add the item to the shopping cart.

Hose Barb

NFAB-N1M-2

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



Part Number	Description	List Price
NFAB-N1M-2	1/4" Hose Barb x 1/8" NPT Male	\$ 23.40
NFAB-N2M-2	1/4" Hose Barb x 1/4" NPT Male	\$ 25.68
NFAB-N2M-3	3/8" Hose Barb x 1/4" NPT Male	\$ 25.96
NFAB-N3M-3	3/8" Hose Barb x 3/8" NPT Male	\$ 26.18

The New Generation
FREE ANGLE[®]

Plug

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	European 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



UA & UB



A210



C320



C84



JIS



LN



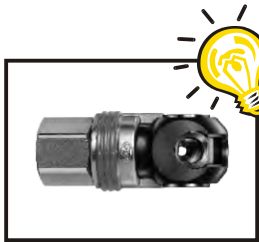
TRUFLATE

Click on the part number to add the item to the shopping cart.

Part Number	Description
NFAP-N1M-UA	1/4" US Industrial Int. Plug x 1/8" NPT Male
NFAP-N2M-UA	1/4" US Industrial Int. Plug x 1/4" NPT Male
NFAP-N3M-UA	1/4" US Industrial Int. Plug x 3/8" NPT Male
NFAP-N2M-UB	3/8" US Industrial Int. Plug x 1/4" NPT Male
NFAP-N3M-UB	3/8" US Industrial Int. Plug x 3/8" NPT Male
NFAP-N2M-A210	ARO 210 Interchange Plug x 1/4" NPT Male
NFAP-N2M-C320	European High Flow Int. Plug x 1/4" NPT Male
NFAP-N2M-C84	ISO 6150C Interchange Plug x 1/4" NPT Male
NFAP-2M-C84	ISO 6150C Interchange Plug x 1/4" BSPT Male
NFAP-N2M-JIS	Japanese Interchange Plug x 1/4" NPT Male
NFAP-2M-JIS	Japanese Interchange Plug x 1/4" BSPT Male
NFAP-N2M-LN	Lincoln Interchange Plug x 1/4" NPT Male
NFAP-N2M-TRUFL	1/4" Truflate Interchange Plug x 1/4" NPT Male

Other Products From ATP

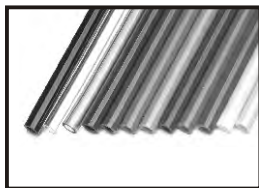
We at ATP believe we have developed the latest technology in tubing, hoses and pneumatic accessories. In keeping with current market demands, our products offer ergonomics and safety to help support assembly and automation applications.



Oetiker Swing Couplings
ATP proudly carries and recommends Oetiker Swing Couplings for use with our Free Angle Swivel Fittings. The ultimate pairing where safety and ergonomics are concerned.



Polyurethane Spiral Hoses
Standard, stock and our industry exclusive—the "Strong" and "Strong-Plus." Custom models are our specialty.



Tubing
• Polyurethane
• Polyethylene
• Nylon 12
• PTFE • FEP
• PVC



Polyurethane Braided Hose
Lightweight and flexible. Available in several durometers. Reinforced with nylon for greater working pressures.



Weld Tubing
Metric, polyurethane tubing covered with a flame-resistant layer. Designed for robotic welding and other severe-service applications.



Hose & Tool Balancers
Durable cases and high-quality internals make up our balancers. Ideal for workstation ergonomics.



Technibond[®]
Thermally-bonded, polyurethane tube groupings available in straight and spiral configurations. A 5-conductor wire can be added to carry electric.



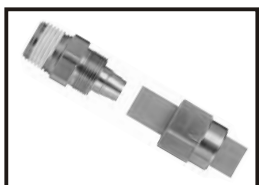
Blow Guns
Lightweight, ergonomic designs available in die-cast and resin body styles.



Technifit[™] Fittings
Fractional & Metric push-to-connect fittings and speed controllers in both brass and resin materials, NPT & BSPT.



ARMOR-AIR[™] Contractors Air Hose
Lightweight, flexible and much more abrasion-resistant than traditional rubber air hoses. A must-have for contractors, and anyone who owns an air compressor.



Hose Fittings
Two-piece, reusable, compression-style brass fittings in fractional and metric, male and female, rigid and swivel.



TechniGripp[®]
The world's first hydraulic push-to-connect fitting. Does not require use of a crimper. Allows on-site fabrication of hoses to eliminate costly down time.

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ATP Products are available from **MARYLAND METRICS** P.O. Box 261 Owings Mills, MD 21117 USA
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RFQ form: http://mdmetric.com/rfq.htm

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