



F-Series All Stainless Steel Pneumatic Cylinders - 2 inch Bore

2 in. Bore, Double-acting, Double End Mount, Magnetic Piston



NITRA pneumatic stainless steel round body, interchangeable, non-repairable cylinder, 2 inch bore, 1/4 inch female NPT ports, double acting, double end mount, magnetic piston.

All Stainless Steel Cylinder 2 in. bore, double acting, double end mount, magnetic piston				
Part Number	Stroke Length (in.)	Weight (lbs)	Price	Drawing Link
F32010DD-M	1.0	2.7	\$005p6:	PDF
F32020DD-M	2.0	2.8	\$005p7:	PDF
F32030DD-M	3.0	3.2	\$005p8:	PDF
F32040DD-M	4.0	3.3	\$005p9:	PDF
F32050DD-M	5.0	3.6	\$005pa:	PDF
F32060DD-M	6.0	3.8	\$005pb:	PDF
F32080DD-M	8.0	4.2	\$005pc:	PDF
F32100DD-M	10.0	4.6	\$005pd:	PDF
F32120DD-M	12.0	5.0	\$005pe:	PDF
F32140DD-M	14.0	5.6	\$005pf:	PDF
F32160DD-M	16.0	6.0	\$005pg:	PDF
F32180DD-M	18.0	6.5	\$005ph:	PDF
Specifications				
300 series stainless steel cylinder body		3.10 sq. in. piston area		
Rod diameter 5/8 in.		Rod thread 1/2-20		
300 series stainless steel end caps		Pre-lubricated for maintenance-free life		
300 series stainless steel piston rod		Pressure rating 250 psi		
Low friction Buna-N seals		Temperature range -20°F to 185°F (-28 to 85°C)		
Extend force at 100 psi = 310 lb.		Retract force at 100 psi = 279.3 lb.		

Mount Style	Bracket	Nut
Front Nose Mount	FMB-11	FN-114-12
Rear Pivot Mount	FPBP-4	—
Double End Mount	Front	FMB-11 FN-114-12
	Rear	FMB-11 FN-114-12

Cylinder rod clevis [FRC-12-20](#)
See end of F-series section for Accessories



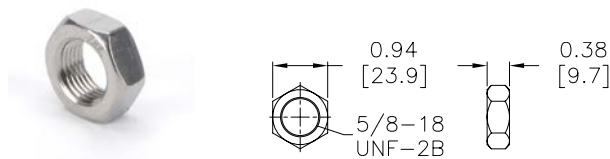
F-Series All Stainless Steel Pneumatic Cylinder Accessories

F-Series All Stainless Steel Pneumatic Cylinder Accessories				
Part Number	Description	Pcs/Pkg	Wt (lb)	Price
FN-58-18	Cylinder mounting nut with 5/8-18 UNF-2B threads, stainless steel, used to mount 3/4 and 1-1/16 inch bore NITRA F-series round body air cylinders	1	0.1	\$,6fs:
FN-34-16	Cylinder mounting nut with 3/4-16 UNF-2B threads, stainless steel, used to mount 1-1/2 inch bore NITRA F-series round body air cylinders	1	0.1	\$,6fq:
FN-114-12	Cylinder mounting nut with 1-1/4-12 UNF-2B threads, stainless steel, used to mount 2 inch bore NITRA F-series round body air cylinders	1	0.3	\$,06fp:
FMB-6	Cylinder mounting bracket, stainless steel, used to mount 3/4 and 1-1/16 inch bore NITRA F-series round body air cylinders	1	0.1	\$05hh:
FMB-7	Cylinder mounting bracket, stainless steel, used to mount 1-1/2 inch bore NITRA F-series round body air cylinders	1	0.2	\$-05hi:
FMB-11	Cylinder mounting bracket, stainless steel, used to mount 2 inch bore NITRA F-series round body air cylinders	1	0.5	\$05hg:
FPBP-2	Cylinder pivot mounting bracket with pivot pin, stainless steel, used to mount 3/4 and 1-1/16 inch bore NITRA F-series round body air cylinders	1	0.1	\$-05hj:
FPBP-3	Cylinder pivot mounting bracket with pivot pin, stainless steel, used to mount 1-1/2 inch bore NITRA F-series round body air cylinders	1	0.2	\$05hk:
FPBP-4	Cylinder pivot mounting bracket with pivot pin, stainless steel, used to mount 2 inch bore NITRA F-series round body air cylinders	1	0.3	\$-05hl:
FRC-14-28	Cylinder rod clevis and hex nut, stainless steel, 1/4-28 thread, for use with 3/4 inch bore NITRA F-series round body air cylinders	1	0.1	\$,05#:
FRC-516-24	Cylinder rod clevis and hex nut, stainless steel, 5/16-24 thread, for use with 1-1/16 inch bore NITRA F-series round body air cylinders	1	0.1	\$,;05t!:
FRC-716-20	Cylinder rod clevis and hex nut, stainless steel, 7/16-20 thread, for use with 1-1/2 inch bore NITRA F-series round body air cylinders	1	0.2	\$,05!?:
FRC-12-20	Cylinder rod clevis and hex nut, stainless steel, 1/2-20 thread, for use with 2 inch bore NITRA F-series round body air cylinders	1	0.2	\$,05!_:

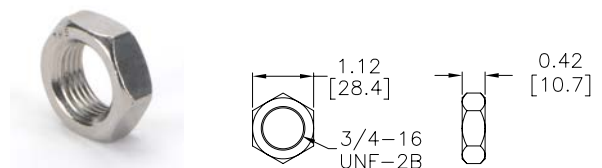
Dimensions

inches [mm]

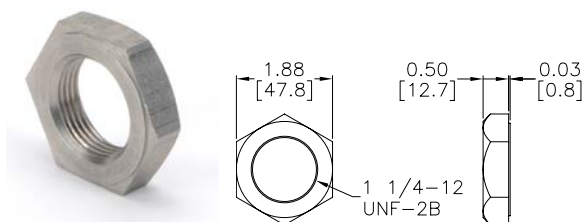
[**FN-58-18**](#)



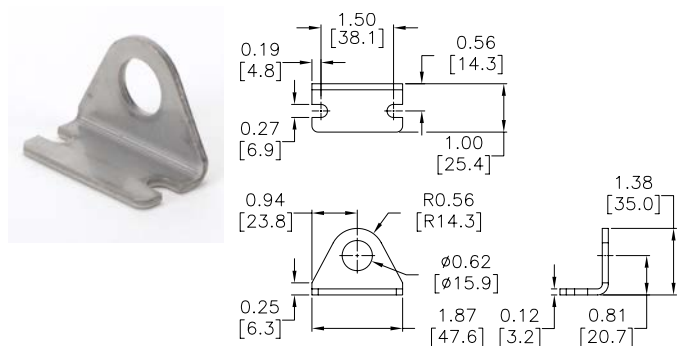
[**FN-34-16**](#)



[**FN-114-12**](#)



[**FMB-6**](#)



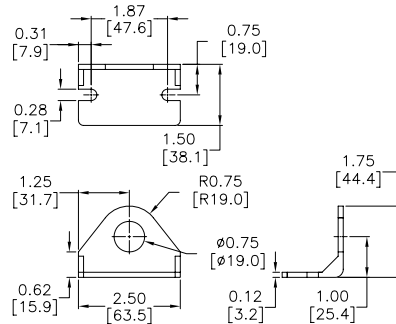


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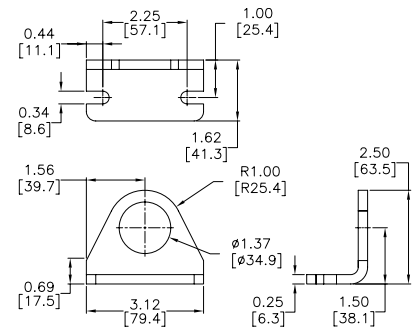
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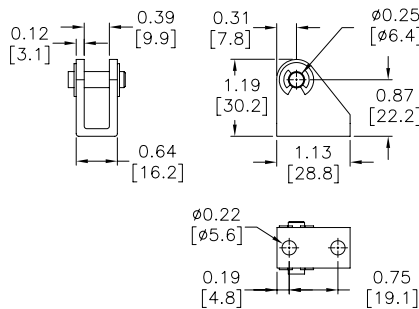
FMB-7



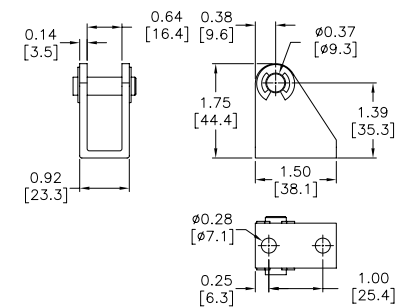
FMB-11



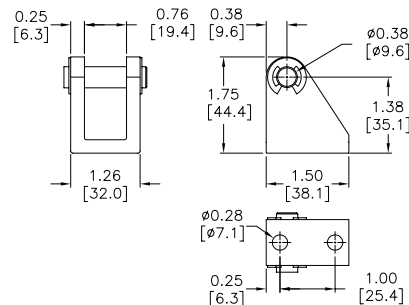
FPBP-2



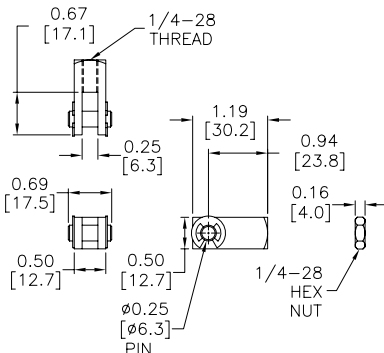
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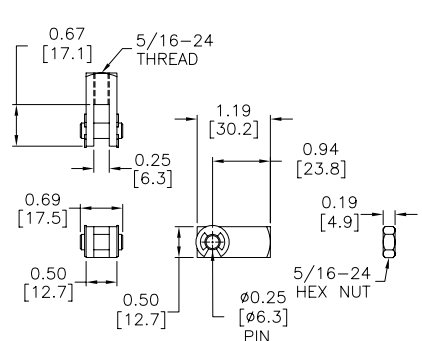
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FRC-14-28



FRC-516-24



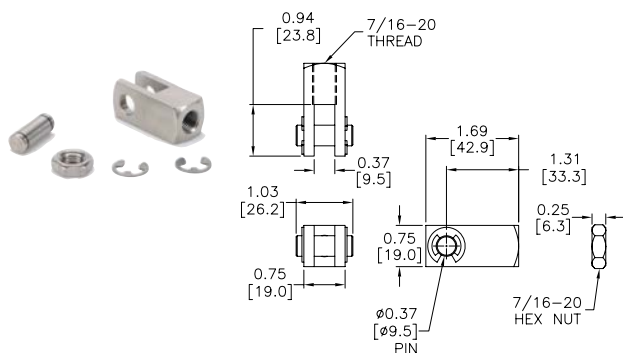


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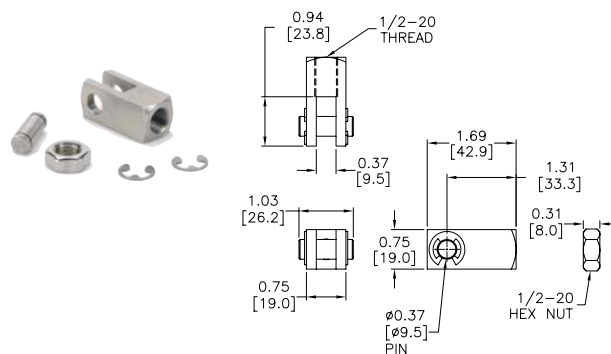
Dimensions

inches [mm]

FRC-716-20



FRC-12-20





CPS Series Cylinder Position Switches

Position Switch Cross Reference Chart

NITRA Switch Type	Cylinder Brand (may fit some of these cylinders)	Photo Example	Groove Illustration	
CPS CPSF	NITRA A-Series NITRA D-Series NITRA F-Series			
CPS9C	DE-STA-CO Robohand SMC Compact Air Bimba Fabco			
CPS9D	NITRA L-Series Fabco Numatics Rotomation			
CPS9E	NITRA L-Series Fabco Numatics Rotomation			
CPS9F	NITRA G-Series Fabco Festo Numatics Rotomation			
CPS9H	NITRA E-Series NITRA H-Series			
CPS9M	Norgren			
CPS9Q	NITRA L-Series NITRA G-Series Parker Fabco Festo Numatics Rotomation			