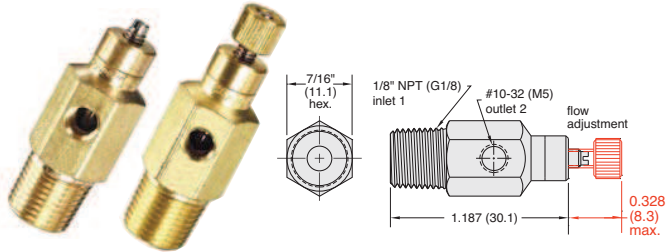




NEEDLE VALVES & MUFFLERS

3° Needle Valves, 1/8" NPT

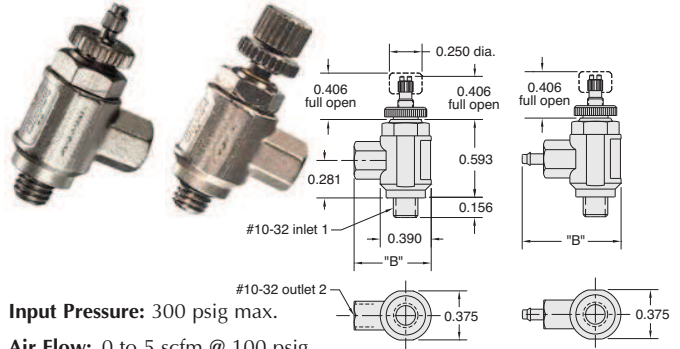


Input Pressure: 2,000 psig/40 bar max.

Air Flow: 2.5 scfm @ 50 psig; 5 scfm @ 100 psig; 120 l/min @ 6 bar

Part No.	Description
MNV-3P	Needle Valve, #10-32, Screwdriver Slot
MNV-3P-M5	Needle Valve, M5, Screwdriver Slot
MNV-3KP	Needle Valve, #10-32, Knurled Knob
MNV-3KP-M5	Needle Valve, M5, Knurled Knob

3° Needle Valves, #10-32

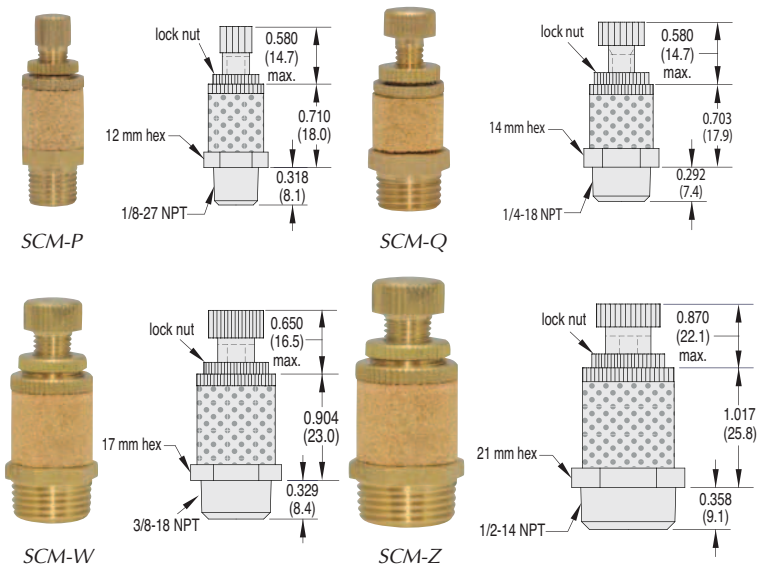


Input Pressure: 300 psig max.

Air Flow: 0 to 5 scfm @ 100 psig

Part No.	Female Part	"B"	Adjustment
MNV-4	#10-32	0.593	Knurled locking nut standard; screwdriver slot; knurled locking nut standard; clockwise adjustment of either provides less flow
MNV-41	1/16 Barb	0.750	
MNV-42	1/8 Barb	0.906	
MNV-4K	#10-32	0.593	Knurled knob; clockwise adjustment of either provides less flow
MNV-4K1	1/16 Barb	0.750	
MNV-4K2	1/8 Barb	0.906	

NEW! Speed Control Mufflers



Knurled knob length based on minimum thread engagement.

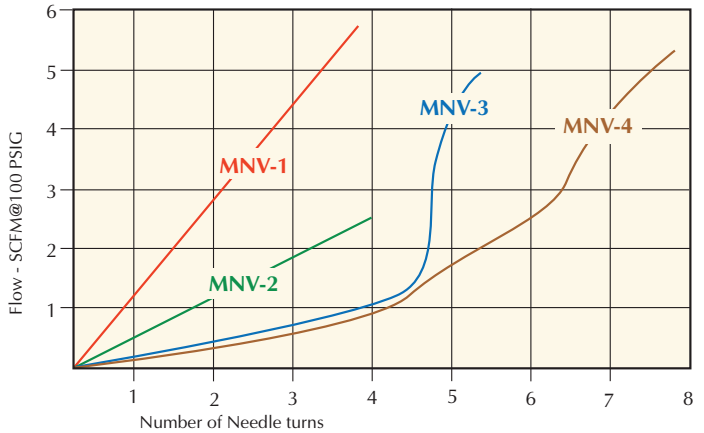
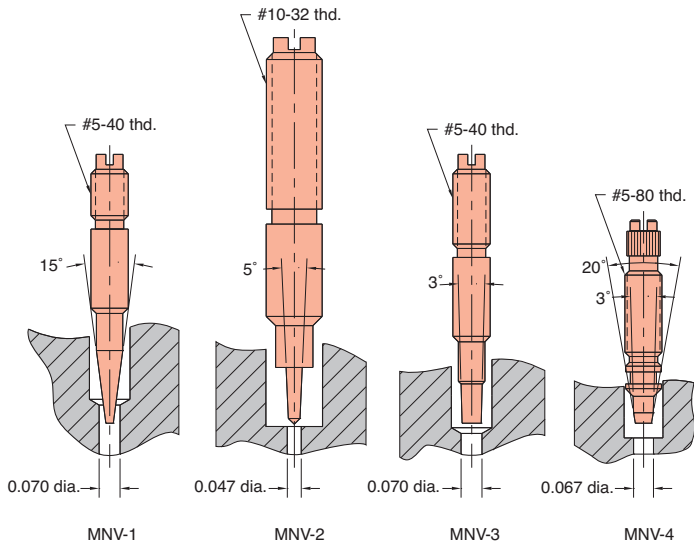
Material: Solid brass body; sintered bronze muffler (40 micron)

Part No.	Description
SCM-P	Muffler, 1/8-27 NPT
SCM-Q	Muffler, 1/4-18 NPT
SCM-W	Muffler, 3/8-18 NPT
SCM-Z	Muffler, 1/2-14 NPT



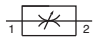
Quality remains a primary feature of every product Clippard produces. This is achieved through the excellence in manufacturing practices and craftsmanship that has continued throughout the years. The company motto—Quality People, Quality Products—emphasizes the important role every employee plays in maintaining the company's reputation.

NEEDLE VALVES



Adjustable control needle valves restrict flow in both directions. There are four models offered by Clippard, all with #10-32 ports, but with various needle configurations to provide coarse or fine flow adjustment. The diagram of needle shapes and the chart on this page show the difference between these models.

Medium: Air, Water or Oil

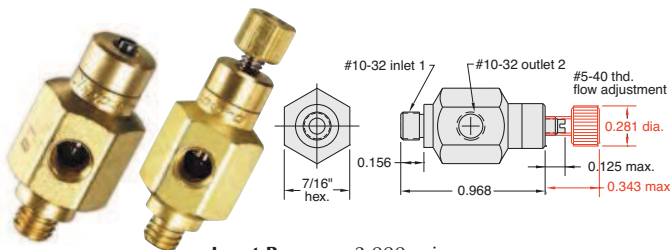


Materials: Brass body; stainless steel needle; Buna-N seal

Mounting: Direct, in-line or #15/32-32 thread nut and lockwashers furnished as illustrated

Adjustment: Knurled knob (clockwise adjustment provides less flow), or Screwdriver slot (clockwise adjustment provides less flow).

15° Needle Valves, #10-32

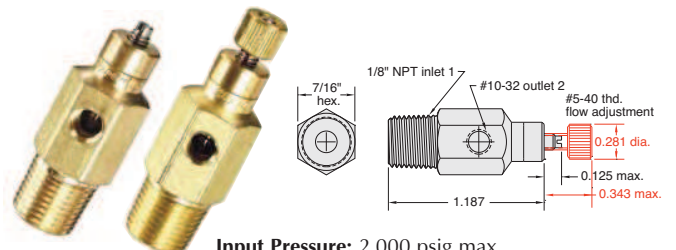


Input Pressure: 2,000 psig max.

Air Flow: 3 scfm @ 50 psig; 6 scfm @ 100 psig

Part No.	Description
MNV-1	Needle Valve, #10-32, Screwdriver Slot
MNV-1K	Needle Valve, #10-32, Knurled Knob

15° Needle Valves, 1/8" NPT

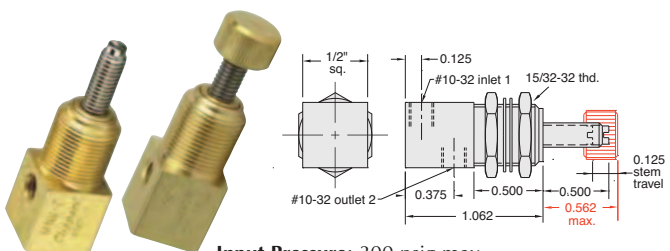


Input Pressure: 2,000 psig max.

Air Flow: 3 scfm @ 50 psig; 6 scfm @ 100 psig

Part No.	Description
MNV-1P	Needle Valve, 1/8" NPT, Screwdriver Slot
MNV-1KP	Needle Valve, 1/8" NPT, Knurled Knob

5° Needle Valves, #10-32

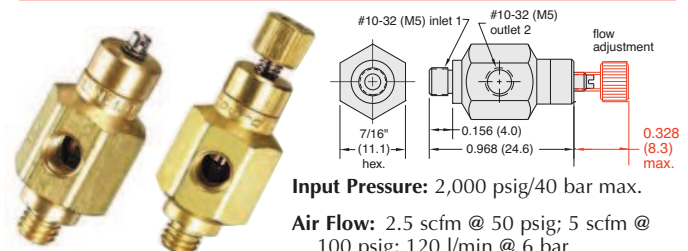


Input Pressure: 300 psig max.

Air Flow: 1 scfm @ 50 psig; 2.5 scfm @ 100 psig

Part No.	Description
MNV-2	Needle Valve, #10-32, Screwdriver Slot
MNV-2K	Needle Valve, #10-32, Knurled Knob

3° Needle Valves, #10-32



Input Pressure: 2,000 psig/40 bar max.

Air Flow: 2.5 scfm @ 50 psig; 5 scfm @ 100 psig; 120 l/min @ 6 bar

Part No.	Description
MNV-3	Needle Valve, #10-32, Screwdriver Slot
MNV-3-M5	Needle Valve, M5, Screwdriver Slot
MNV-3K	Needle Valve, #10-32, Knurled Knob
MNV-3K-M5	Needle Valve, M5, Knurled Knob