

# Precision Needle Valve Ø 0 to 0.65 mm

NV30

<b>Description</b>	The precision needle valve is an adjustable flow control valve used in pneumatic and fluid systems. Unique laminar flow design ensures sensitive reproducible control. Ideal for precision gas metering and circuit speed or sequencing control.		
<b>Adjusting</b>	The flow control needle needs 7 to 8 revolutions for maximum flow, approximately equal to an 0.65 mm / 0.025" orifice.		
<b>Pressure range</b>	Vacuum up to 12 bar / 180 psi	<b>Filtration:</b>	5 µm recommended
<b>Flow rate</b>	0 to 12 l/min at 3.5 bar and 4 revs	<b>Panel thickness:</b>	max. 3.5 mm / 0.15"
<b>Temperature</b>	-40 °C to 95 °C / -40 °F to 200 °F	<b>Panel mounting:</b>	borehole 8 mm / 0.312"
<b>Materials</b>	Body and needle: nickel-plated brass	<b>Elastomer:</b>	NBR (Buna N)



Ø 0 to 0.65 mm  
for gases and liquids

Flow adjustment by	Flow at 3.5 bar / 6 turns l/min	Fitting size		Order number
		mm	inch	

Needle valve with knurled knob		nickel-plated brass Ø 0 to 0.65 mm, 3° needle		NV30-K
knurled screw	32	3.0	1/16"	NV30-2K
		4.9	1/8"	NV30-4K

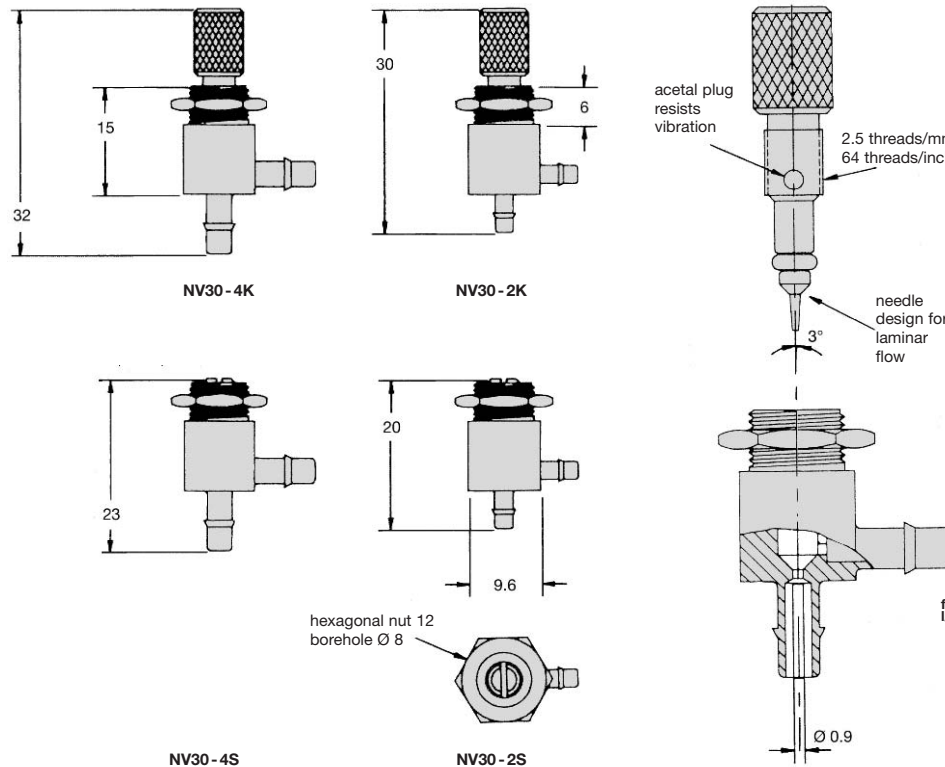


NV30-2K

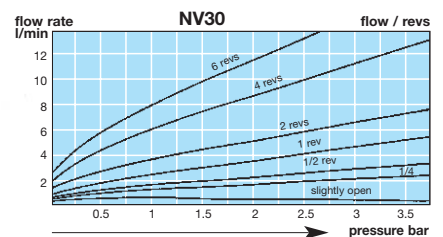
Needle valve with slotted screw		nickel-plated brass Ø 0 to 0.65 mm, 3° needle		NV30-S
slotted screw	32	3.0	1/16"	NV30-2S
		4.9	1/8"	NV30-4S



NV30-4S



NV30-2K



Order example:  
NV30-2K