

Needle Valves



Needle Valves allow precise control from fully off to fully on. Manufactured from high quality DZR brass alloy, Needle Valves are available in a variety of connections with sizes ranging from 1/8" to 3/8". In all needle valves Viton o'rings are used.

ADVANTAGES

Precise control due to metal to metal seals and fine thread screw-down. Good pressure rating. Suitable for fuels, water and air.

APPLICATIONS

Precision instrumentation, hydraulic control systems, and anywhere precise control is needed.

WORKING PRESSURES AND TEMPERATURE

TITON Needle Valves should not be used where pressures exceed 3447 kPa [500 PSI] or 100°C.

ASSEMBLY

Where possible, pressure side should be toward valve seat, not spindle.

All Needle valves except NV41, NV43, NVP40 are approved for use with gas (A.G.A. Approval :4104).

Operating Temperature 0 to +90°

Needle Valves

NV40



45° Flare Angle Needle Valve

Part Number	Standard Pack	Tube	Pipe Thread
041008-0402	1	1/4	1/8 BSPT
041008-0502	1	5/16	1/8 BSPT
041008-0604	1	3/8	1/4 BSPT

NV41



Compression Angle Needle Valve

Part Number	Standard Pack	Tube	Pipe Thread
041005-0302	1	3/16	1/8 BSPT
041005-0402	1	1/4	1/8 BSPT
041005-0502	1	5/16	1/8 BSPT
041005-0604	1	3/8	1/4 BSPT

NV43




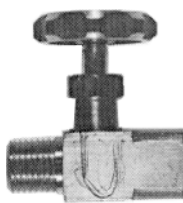


Compression Male Needle Valve

Part Number	Standard Pack	Tube	Pipe Thread
041003-0302	1	3/16	1/8 BSPT
041003-0402	1	1/4	1/8 BSPT

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<p style="text-align: center;">Barb Angle Needle Valve</p> <table border="1"> <thead> <tr> <th>Part Number</th> <th>Standard Pack</th> <th>Tube</th> <th>Pipe Thread</th> </tr> </thead> <tbody> <tr> <td>041606-0302</td> <td>1</td> <td>3/16</td> <td>1/8 BSPT</td> </tr> <tr> <td>041606-0402</td> <td>1</td> <td>1/4</td> <td>1/8 BSPT</td> </tr> <tr> <td>041606-0502</td> <td>1</td> <td>5/16</td> <td>1/8 BSPT</td> </tr> <tr> <td>041606-0504</td> <td>1</td> <td>5/16</td> <td>1/4 BSPT</td> </tr> <tr> <td>041606-0602</td> <td>1</td> <td>3/8</td> <td>1/8 BSPT</td> </tr> <tr> <td>041606-0604</td> <td>1</td> <td>3/8</td> <td>1/4 BSPT</td> </tr> </tbody> </table>	Part Number	Standard Pack	Tube	Pipe Thread	041606-0302	1	3/16	1/8 BSPT	041606-0402	1	1/4	1/8 BSPT	041606-0502	1	5/16	1/8 BSPT	041606-0504	1	5/16	1/4 BSPT	041606-0602	1	3/8	1/8 BSPT	041606-0604	1	3/8	1/4 BSPT	<p style="text-align: right;">NVP40</p> 
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Part Number	Standard Pack	Pipe Thread (Female)	Pipe Thread (Male)																										
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