

How to Order

Dimensions in inches/millimeters are for reference only, subject to change.

The correct part number is easily derived from the following example and ordering chart. The six product characteristics required are coded as shown in the chart.

Example 1, below, describes an angle pattern V4 Series needle valve equipped with 1/4" CPI™ compression inlet and outlet ports, a PCTFE tipped stem, Nitrile seals, and stainless steel construction.

Example 2, below, describes an inline pattern V6 Series needle valve equipped with 1/4" male NPT inlet port, 1/4" female NPT outlet port, a needle stem type, PTFE stem seal, brass construction.

Example 1: 4Z-V4AK-BN-SS (shown in the part number blocks below)

Example 2: 4M4F-V6LN-B

4Z		-		V4	AK	-		BN	-		SS
Inlet Port*		Outlet Port*		Valve Series	Stem Type	Stem Seal		Body Material			
Inlet Port*	Outlet Port*	Valve Series	Stem Type	Stem Seal	Body Material						
2A 2M 4A		V2A	R Blunt (30°)	Blank PTFE	SS Stainless Steel						
2F 2Z 4Z		V2L	N Needle (2-1/2°)	BN Nitrile Rubber	S Steel						
2A 4A 6A M6A		V4A	K PCTFE	EPR Ethylene Propylene Rubber	M Monel® Alloy 400						
2F 4M 6Z M6Z		V4L		V Fluorocarbon Rubber	B Brass						
2M 4W M3A M8A											
2Z 4Z M3Z M8Z											
4A 6A 8A M10A		V6A									
4F 6M 8Z M10Z		V6L									
4M 6W M8A M12A											
4Z 6Z M8Z M12Z											
4F 6Z 8Z M12A		V8A									
6A 8A M10A M12Z		V8L									
6F 8M M10Z											
8F 10A 12A		V12A									
8W 10Z 12Z		V12L									

*If the inlet and outlet ports are the same, eliminate the outlet port designator.

How to Order Options

Colored Round Handles – Add the designator corresponding to the correct handle color as a suffix to the part number. Black is standard, **W** - white, **B** - blue, **G** - green, **R** - red, **Y** - yellow. **Example:** M10A-V6LK-SS-**G**

Oxygen Cleaning – Add the suffix **-C3** to the end of the part number to receive valves cleaned and assembled for oxygen service in accordance with Parker Specification ES8003. **Example:** 4A-V4AN-EPR-SS-**C3**