

Type needle valves with soft seat types are designed for use on applications requiring complete isolation or throttling of the media and for high pressure instrument lines. Ideal for use on gas services and some liquid applications. Specially designed Delrin needle tip (stem type DS) rolled into the stem assembly in perfect location for positive bubble tight shut-off. Available with end connections in sizes from 1/8" to 1" and a wide choice of female screwed, male to female screwed or socket weld.

Technical specifications

Design Pressure	:	6000 PSI
Max temp.	:	100°C
Material	:	Stainless steel
Stem	:	(DS)Delrin Soft Needle Tip rolled into the needle
Gland Packing	:	PTFE
Stem packing area	:	Burnished finish for smooth valve operation.
Safety Feature	:	Back seating for preventing stem blowout.



Size	Type	Length A	Width B	Height (open) Max., C	Handle D	Handle OD E
1/8"	FxF	50	25	65	40	10
	MxF	55	25	65	40	10
	MxM	60	25	65	40	10
1/4"	FxF	55	25	65	40	10
	MxF	65	25	65	40	10
	MxM	60	25	65	40	10
3/8"	FxF	55	25	65	40	10
	MxF	65	25	65	40	10
	MxM	65	25	65	40	10
1/2"	FxF	65	32	93.5	50	12
	MxF	75	32	93.5	50	12
	MxM	70	32	93.5	50	12
3/4"	FxF	70	38	96.5	50	12
	MxF	75	38	96.5	50	12
	MxM	80	38	93.5	50	12
1"	FxF	90	45	101	70	12
	MxF	105	45	101	70	12
	MxM	105	45	101	70	12

All dimensions are in mm

Applications

- Instrument line shut off.
- Instrument isolation.
- Drain valve.
- Specially designed for gas service and liquid applications.

Note : Other combination sizes available on request. Please contact factory for more details.

