

Application:

Type needle valves with hard seat are designed for use on applications requiring complete isolation or throttling of the media. The conical metal tip (Stem Type CT) press fitted ensures perfect alignment for positive bubble tight shut-off. Available with end connections in sizes from 1/8" to 1" and a wide choice in connections of female screwed, male screwed, male to female screwed or socket weld.



Features:

- High pressure line shut off
- Instrument isolation
- Gauge isolation.
- Drain valve
- Liquid and vapor service

Specifications:

Pressure	:	400 bar
Max temp.	:	-240°C
Material	:	Stainless Steel
Stem	:	(CT) chrome plated Conical tip press fitted hard
Gland Packing	:	PTFE Grafoil to be used for temperature above 240°C till 550°C)
Stem packing area	:	Burnished mirror finish for Smooth valve operation.
Safety	:	Back seating for preventing stem blowout.

Dimensions:

Size	Type	Length	Width	Ht open	Ht closed	Handle
1/8"	FxF	50	22	55	52	40
	MxF	55	22	55	52	40
	MxM	60	22	55	52	40
1/4"	FxF	55	25	63	60.5	40
	MxF	65	25	63	60.5	40
	MxM	60	25	63	60.5	40
3/8"	FxF	55	25	63	60.5	40
	MxF	65	25	63	60.5	40
	MxM	65	25	63	60.5	40
1/2"	FxF	65	32	83.6	79.6	50
	MxF	75	32	83.6	79.6	50
	MxM	70	32	83.6	79.6	50
3/4"	FxF	70	38	88.6	82.6	50
	MxF	75	38	88.6	82.6	50
	MxM	80	32	83.6	79.6	50
1"	FxF	90	45	101	96	50
	MxF	105	45	101	96	50
	MxM	105	45	101	96	50

