

# HOW TO ORDER INSTRUMENT VALVES

To Order: Needle Valve Angle 1/2" NPT Male X 1/2" Tube OD SS316

Trueway Model No. : SS - NVA - 8M - 8

**SS**

**NVA**

**8M**

**8**

## MATERIAL GRADE

MATERIAL GRADE	MOC (*)
SS 316	SS
SS316L	SSL
SS304	S4
SS 304L	S4L
BRASS	B
ALLOY400	ML
ALLOY600	INC
ALLOY276	HC
PTFE	T
CARBON SYEEL	CS

## ITEM DESIGNATOR

## PIPE THREAD TYPE & SIZE

SIZE(METRIC)	MPT (*) MALE	FPT (*) FEMALE	PSW (*)FOR INCH	PBW (*)FOR INCH
1/16 INCH	1M	1F	-	-
1/8 INCH	2M	2F	2SW	2BW
1/4 INCH	4M	4F	4SW	4BW
3/8 INCH	6MM	6F	6SW	6BW
1/2 INCH	8M	8F	8SW	8BW
3/4 INCH	12M	12F	12SW	12BW
1 INCH	16M	16F	16SW	16BW
1-1/4 INCH	20M	20F	20SW	20BW
1-1/2 INCH	24M	24F	24SW	24BW
2 INCH	32M	32F	32SW	32BW

Note: Above are NPT Threads. I For BSP Add -B & for BSPT add -BT at end.

## TUBE OD FRACTIONAL

SIZE(FRACTIONAL)	TOD (*)FOR INCH	TPE (*)FOR INCH
1/16 INCH	1	1TX
1/8 INCH	2	2TX
3/16 INCH	3	3TX
1/4 INCH	4	4TX
5/16 INCH	5	5TX
3/8 INCH	6	6TX
1/2 INCH	8	8TX
5/8 INCH	10	10TX
3/4 INCH	12	12TX
7/8 INCH	14	14TX
1 INCH	16	16TX
1-1/4 INCH	20	20TX
1-1/2 INCH	24	24TX
2 INCH	32	32TX

## TUBE OD METRIC

SIZE(METRIC)	TOD (*)FOR MM	TPE (*)FOR MM
3 MM	3MM	3MMTX
4 MM	4MM	4MMTX
6 MM	6MM	6MMTX
8 MM	8MM	8MMTX
10 MM	10MM	10MMTX
12 MM	12MM	12MMTX
14 MM	14MM	14MMTX
15 MM	15MM	15MMTX
16 MM	16MM	16MMTX
18 MM	18MM	18MMTX
20 MM	20MM	20MMTX
22 MM	22MM	22MMTX
25MM	25MM	25MMTX
28 MM	28MM	28MMTX
32 MM	32MM	32MMTX
38 MM	38MM	38MMTX

## Terms Used

- "": Designator Code
- "MM": Milli Meter
- "TOD": Tube Outer Diameter
- "TPE": Tube Plain End
- "MPT": Male Pipe Thread (NPT)
- "FPT": Female Pipe Thread (NPT)
- "PSW": Pipe Socket Weld
- "PBW": Pipe Butt Weld

## General Terms Used

- OD : Outer Diameter of Tub
- NPT : National Pipe Threads
- BSP : British Standard Pipe Threads
- BSPT : British Standard Taper Threads
- NACE : National Association of Corrosion Engineers
- SW : Socket Weld
- BW : Butt Weld
- psi : Pounds per Square Inch

