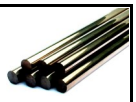
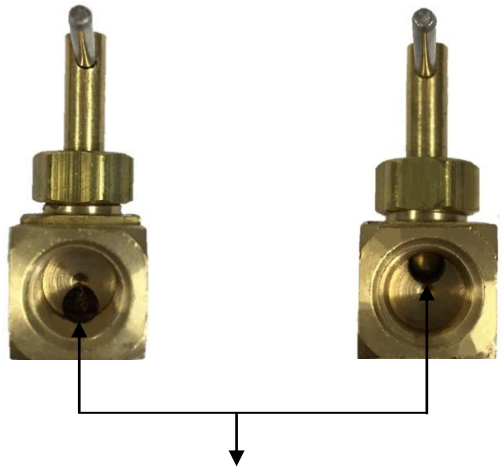
NEEDLE VALVES

CONSTRUCTION	• CA377/CA360 Brass 
APPLICATIONS	• Use with copper, aluminum, steel and plastic tubing as applicable • Excellent for general service with metering capabilities
RANGES	•Maximum Pressure: 150 psi •Temperature: -40°F to +175° F



Flow should enter from the bottom hole (shown left) and exit the top hole (shown right).

ORDERING INFORMATION

- Parts that include “PBF” are supplied as low lead compliant.
- Part numbers without the “PBF” distinction are NOT lead free complaint.
- Order using indicated part number
- Part number indicates style and size
- Compression valves are complete with nuts and sleeves

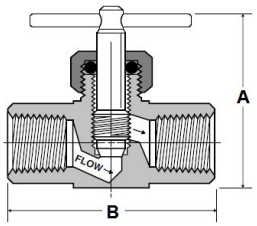
NOTES

- Current price list represents in stock cataloged items.
- Non-stock items and special parts are available on a quotation basis.
- Configurations and dimensions are subject to change without notice.

NEEDLE VALVES

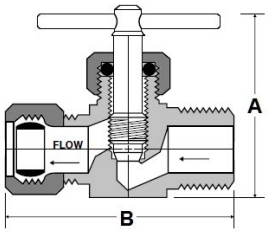
NEEDLE VALVE FPT x FPT

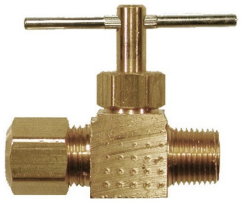
PART NUMBER	FPT	A	B
31NV	1/8”	1.60	1.25
32NV	1/4”	1.80	1.82



NEEDLE VALVE COMPRESSION x MPT

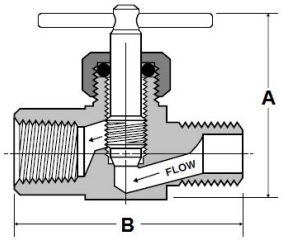
PART NUMBER	O.D. TUBE	MPT	A	B
101CP	1/4”	1/8”	1.50	1.50
101CP-4	1/4”	1/4”	1.40	1.60
102CP	5/16”	1/8”	1.50	1.50
143CP	3/8”	1/4”	1.80	1.80

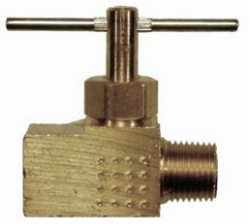




NEEDLE VALVE FPT x MPT

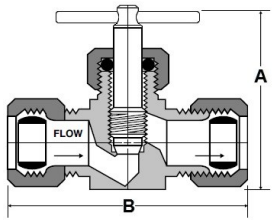
PART NUMBER	FPT	MPT	A	B
48NV	1/8”	1/8”	1.30	1.25
49NV	1/4”	1/4”	1.86	1.87

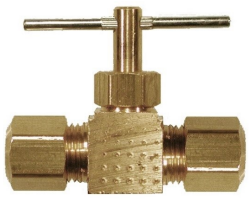




NEEDLE VALVE COMPRESSION x MPT

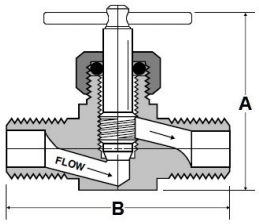
PART NUMBER	O.D. TUBE	MPT	A	B
103SAE	1/4”	1/8”	1.80	.73
203SAE	5/16”	1/8”	1.32	.78
204SAE	5/16”	1/4”	1.54	.84
303SAE	3/8”	1/4”	1.54	.91





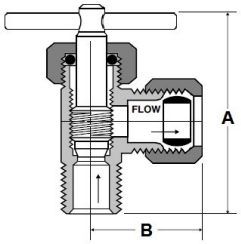
NEEDLE VALVE MPT x MPT

PART NUMBER	MPT	A	B
108MP	1/8”	1.60	1.25
110MP	1/4”	1.92	1.65



NEEDLE VALVE COMPRESSION x MPT

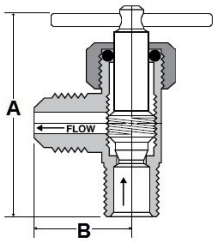
PART NUMBER	O.D. TUBE	MPT	A	B
103CC	1/4”	1/8”	1.80	.80
103-4CC	1/4”	1/4”	2.10	.90
203CC	5/16”	1/8”	1.80	.90
303ACC	3/8”	1/8”	2.20	1.00
303CC	3/8”	1/4”	2.20	1.00



NEEDLE VALVES

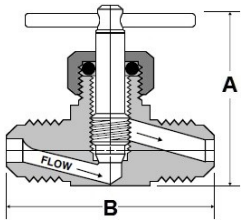
NEEDLE VALVE FLARE x MPT 90°

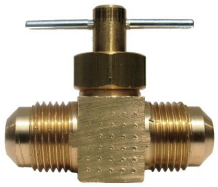
PART NUMBER	O.D. TUBE	MPT	A	B
103SAE	1/4”	1/8”	1.80	.73
203SAE	5/16”	1/8”	1.32	.78
204SAE	5/16”	1/4”	1.54	.84
303SAE	3/8”	1/4”	1.54	.91

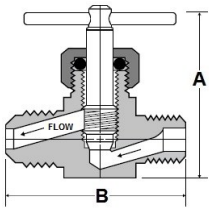
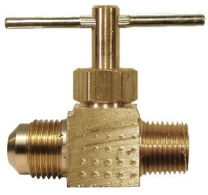


NEEDLE VALVE FLARE x FLARE

PART NUMBER	O.D. TUBE	A	B
110SAE	1/4”	1.30	1.50
115SAE	3/8”	1.70	1.88





NEEDLE VALVE FLARE x MPT

PART NUMBER	O.D. TUBE	MPT	A	B
104SAE	1/4”	1/8”	1.30	1.30
105SAE	1/4”	1/4”	1.62	1.30
106SAE	5/16”	1/8”	1.36	1.45
108SAE	3/8”	1/4”	1.70	1.70