

Valve Packing Adjustment



⚠ WARNING

Before servicing any installed valve, you must

- depressurize the system
- cycle the valve

⚠ WARNING

Residual system media may be left in the valve.

Follow the appropriate instructions below to adjust the packing on your valve.

40 and 40G Series Ball Valves

Refer to *Packing Adjustment Card for 40 Series Ball Valves, MS-INS-40, or 40G Series Ball Valve Packing Adjustment, MS-INS-40G.*

60 Series Ball Valves

Turn the lower stem nut clockwise in **1/16-turn** increments until leak-tight performance is achieved.

6DB Series Blowdown Valves

Turn the packing bolt clockwise in **1/4-turn** increments until leak-tight performance is achieved.

Gauge Root Valves (6P series - ball tip only)

1. Loosen the lock nut and turn the packing bolt clockwise in **1/4-turn** increments until leak-tight performance is achieved.
2. Retighten the lock nut.

GU Series Needle Valves

1. Loosen the lock nut and turn the gland nut clockwise in **1/4-turn** increments until leak-tight performance is achieved.
2. Retighten the lock nut.

Integral Bonnet Series Needle Valves (O, 1, 18, 20, 26)

Turn the packing nut clockwise in **1/4-turn** increments until leak-tight performance is achieved.

MN02 Series Process Monoflanges

Evenly turn the gland follower screws clockwise in **1/8-turn** increments until leak-tight performance is achieved.

MN03, and MN04 Series Process Monoflanges

1. Loosen the lock nut and turn the gland nut clockwise in **1/4-turn** increments until leak-tight performance is achieved.
2. Retighten the lock nut.

Modular 85 Instrumentation Valves

1. Loosen the lock nut and turn the gland nut clockwise in **1/4-turn** increments until leak-tight performance is achieved.
2. Retighten the lock nut.

Severe Service Needle Valves (N series)

1. Loosen the lock nut and turn the packing bolt clockwise in **1/4-turn** increments until leak-tight performance is achieved.
2. Retighten the lock nut.

U Series Bellows Valves

Turn the gland nut clockwise in **1/6-turn** increments until leak-tight performance is achieved.

Note: Inspect the bellows for leakage.

VB03 and VB04 Series Process Interchange Valves (needle valve stems only)

1. Loosen the lock nut and turn the gland nut clockwise in **1/4-turn** increments until leak-tight performance is achieved.
2. Retighten the lock nut.

VB05 Series Process Interchange Valves for Reduced Fugitive Emissions

• **VB05 Ball Valve**

Torque the gland bolts evenly to **75 in.·lb (84 N·m)**.

• **VB05 Needle Valve**

1. Loosen the lock nut and turn the gland nut clockwise in **1/12-turn** increments until leak-tight performance is achieved.
2. Retighten the lock nut.

V, VB, VL, and VE Series Manifolds

V2 series - Tighten the packing nut to **50 in.·lb (5.6 N·m)**.

V3 series - Loosen the jam nut and tighten the packing bolt to **135 in.·lb (15.2 N·m)**. Tighten the jam nut to **135 in.·lb (15.2 N·m)**.

All

After adjusting packing, test valve for proper function and operation.