

Jacoby-Tarbox offers a full line of spray rings for installation directly against sight windows to direct secondary fluids (liquid or gas) against the window to remove debris.

Optimized Design:

Jacoby-Tarbox engineers used Computational Fluid Dynamics (CFD) software to model fluid flows and optimize both window coverage and cleaning time for various applications.

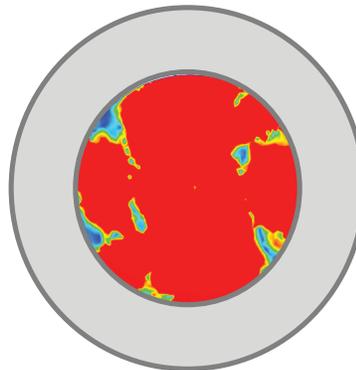
- Efficient use of Secondary (cleaning) fluid: minimize consumption and impact on process
- Maximize process visibility

Easy Installation:

“Ring” style will drop-in and self-center within flange bolting like standard ASME ring gaskets.



Example:
Water Spray
Cleaning Window
See video



Computation Fluid Dynamics (CFD) Model

Blue =
Cleaning Velocity

Red & yellow =
Accelerated cleaning

Standard Features:

- Size Range: 2” through 10”
- ASME Flange Class: 150, 300, 600
- “Ring” style centered by bolting
- ¼” NPT Supply connection
- Material: 316 SS
- Maintains window rating
- Compound angle radial and cross jets

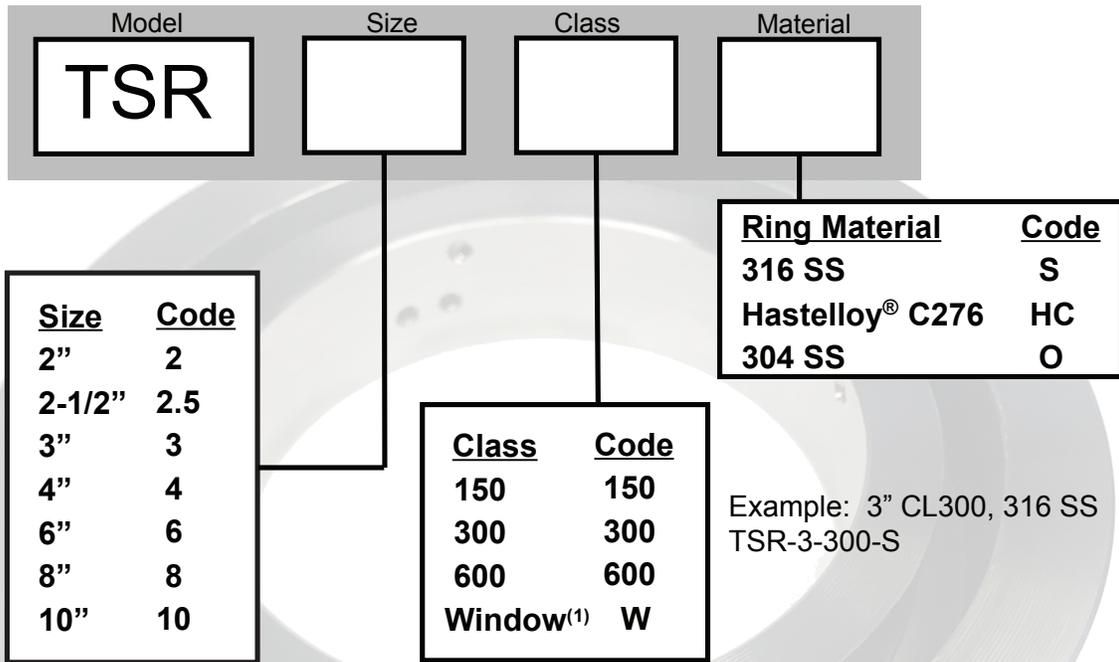
Optional Features:

- Material: Corrosion resistant alloys
- Non-ASME flanges (DIN, JIS, MIL)
- Larger sizes
- Assembled windows and sight flow indicators

Applications:⁽¹⁾

- **Liquid – Rinsing windows**
- **Liquid – Remove build up**
- **Gas – Blow off powders**
- **Gas – Purge window**
- **Gas – Cooling**
- **Gas – Warming**
- **Gas – Defogging**
- **Gas – Condensate removal**

(1) Application note: Flushing liquid recommended to be at least 10 psi (.7 Bar) higher than process pressure. When using steam, limit duration of cleaning, and pressure differential to maximize window life.



(1) Spray rings can be used within sight flow indicators or sight windows assemblies other than flange-mounted, such as within counterbores.

Window Ring Definition

Size: Use "View" diameter

Class: Use "W"

Example:

View = 4" (stainless mat'l)

Part number: TSR-4-W-S

Gasket Note:

To properly seal the spray ring, the ASME Ring gasket must have the "Old" inside diameter.

Gasket format:

TS- [size] – [class] – [material code]

Example: 2" Class 150, Neoprene

Part number: TS-2-150-N

Common gaskets:

	Code
Neoprene	N
PTFE Glyon 3545	D5
Fiber (IFG 5500)	G5
Graphite	W
FKM (Viton®)	V

