

Quick change seat and trim

Wet steam and particles result in erosion on trim parts. If erosion affects sealing surfaces, this might result in valve leakage and overheating of downstream piping. This is most common after supercritical pressure drops, where particles and steam have very high velocity. It is also more common when the valve is operating at a small opening degree. The Z1 quick change seat design allows for quick and easy replacement of worn seats, and the Z2 variant provides added erosion resistance with Stellite 6 coating. A seat packing ring is placed under the seat to stop leakage.

Z1 and Z2 options

The Z1 quick change seat design allows for quick and easy replacement of worn seats. Seat removal and trim compression tools used during seat replacement are provided with the upgrade.

The Z2 variant provides added erosion resistance with Stellite 6 coating. The stellite coating combines excellent mechanical wear resistance, especially at high temperatures, with very good corrosion resistance. The Stellite™ alloys are mostly cobalt based with additions of Cr, C, W, and/or Mo. They are resistant to cavitation, corrosion, erosion, abrasion, and galling.

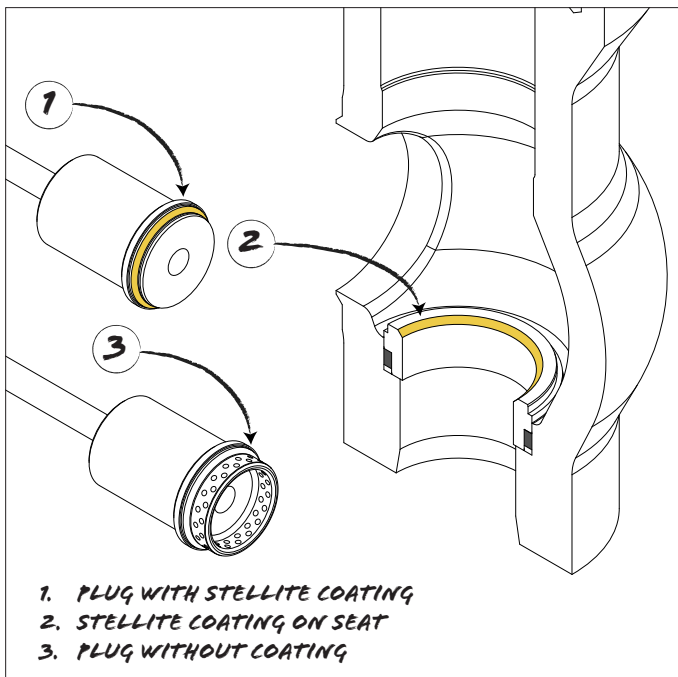
Key features

- ✓ Quicker and easier seat exchange
- ✓ Reduced MTTR and longer service lifetime
- ✓ Reduced downtime and maintenance cost



High velocity jets have caused erosion damage on a valve seat, with leakage as a result.

	Quick change seat	Erosion resistant
Standard trim		
Z1	X	
Z2	X	X



STELLITE SURFACE HARD FACING



Parts included in upgrade

