**SDS “O” Series Spray Drying Pressure Nozzle**

- Lance Adaptor
  Part# 90004

- Screw Retainer
  Part# 90005

- Swirl Chamber
  Part# 90001

- Orifice Insert
  Part# 90002

- Chamber Housing
  Part# 90003

- Retainer Key
  Part# 90006

- Assembled Nozzle

**Nozzle Inserts** *(Swirl Chamber and Orifice Insert)*

- Hollow cone spray for optimum spray drying results
- Uniform droplet distribution for the most narrow product particle size distribution
- Full size range of tungsten carbide inserts for wide range in flow rates, spraying pressures, and spray angles
- Available in “A” carbide for superior wear resistance for non-corrosive, abrasive fluids

**Nozzle Body Parts** *(Chamber Housing, Lance Adaptor, Screw Retainer)*

- Different alloys of mating threaded components minimize galling problems
- Lance Adaptors available with 1/2” NPT or 1/2” socket weld connection
- Spraying pressures to 5,000 psig
- Gasket-less design for use for many slurries
- Retainer Key for easy removal of screw retainer for changing inserts