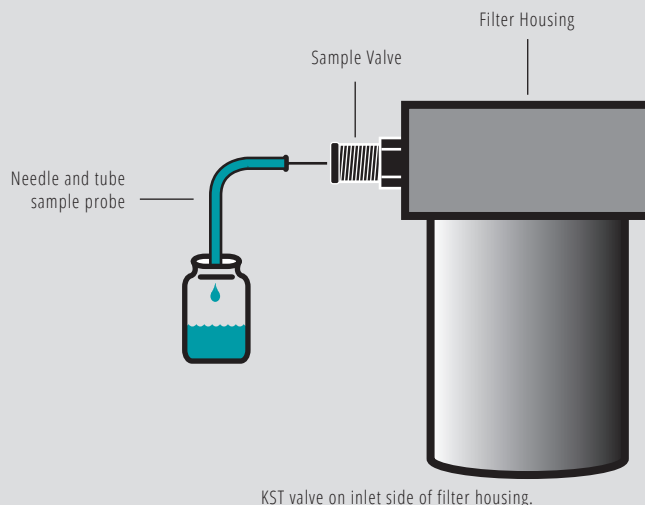
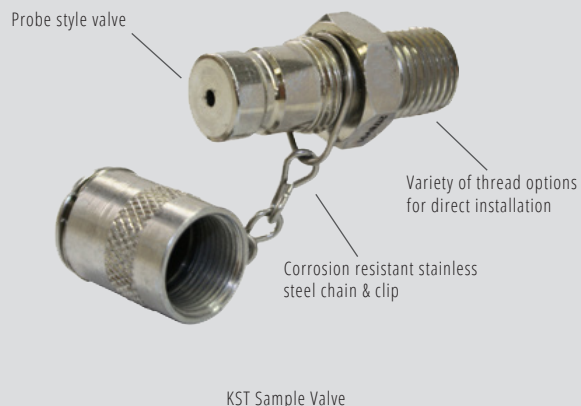


# KST SERIES SAMPLE VALVE

FOR PRESSURIZED OIL AND COOLANT APPLICATIONS



## FOR PRESSURIZED OIL AND COOLANT SYSTEM APPLICATIONS

The KST style sample valve, popular with Mobile Equipment OEM's, uses a 2mm probe that is compatible with SOS, Probalizer, and Quick Draw valves. Sample valves reduce the time needed to extract a fluid sample and help to avoid external contamination while gaining a more representative sample for more accurate oil analysis trending.

## APPLICATIONS

- Engines
- Transmissions
- Coolant
- Hydraulics
- Compressors
- Turbines

## FEATURES

- Reliable dual sealed design tested at 7800 psi for one million cycles
- Patented elastomeric vacuum tight valve seals
- A variety of disposable and reusable probes are available
- Very low purge volume
- Higher flow for low pressure applications
- Carbon steel with corrosion resistant zinc nickel plating

## SPECIFICATIONS

- Sampling Range: 5-4000 psi (0.03 - 27.6 MPa)\*
- Working Pressure: 6000 psi (41.4 MPa)
- Seal Material Temperature Range:
  - Nitrile: -40C – 115C (-40F – 239F)
  - Viton: -26C – 204C (-15F – 400F)
- Valve Material: Carbon steel with corrosion resistant zinc-nickel plating
- Valve Overall Size (L x W): 1.5" x 0.78" (approx.)

\*Sampling pressures greater than 750 psi (5.17 MPa) is probe dependent.

## STANDARD SAMPLE PROBES:

100190 / FLC-PT



100155 / CHK-KPB4







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ALL WAYS RELIABLE.

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AVAILABILITY	PART	DESCRIPTION	IMAGE
In Stock Special Order	100162 / CHK-KST18N-C CHK-KST18N-VC	Sample Valve, KST Series. 2 mm Probe Style Valve. 1/8" - 27 NPTF Nitrile Seal, Steel (Zinc-Nickel finish) Viton Seal, Steel (Zinc-Nickel finish)	
In Stock Special Order	100160 / CHK-KST14N-C CHK-KST14N-VC	Sample Valve, KST Series. 2 mm Probe Style Valve. 1/4" - 18 NPTF Nitrile Seal, Steel (Zinc-Nickel finish) Viton Seal, Steel (Zinc-Nickel finish)	
Special Order Special Order Special Order	CHK-KST716U-VC CHK-KST916U-C CHK-KST916U-VC	Sample Valve, KST Series. 2 mm Probe Style Valve. 7/16" & 9/16" 7/16" - 20 ORB Viton Seal, Steel (Zinc-Nickel finish) 9/16" - 18 ORB Nitrile Seal, Steel (Zinc-Nickel finish) 9/16" - 18 ORB Viton Seal, Steel (Zinc-Nickel finish)	
Special Order Special Order Special Order	101173 / CHK-KST101M-VC CHK-KST1415M-C CHK-KST1415M-VC	Sample Valve, KST Series. 2 mm Probe Style Valve. Metric. M10x1 Viton Seal, Steel (Zinc-Nickel finish) M14x1.5 Nitrile Seal, Steel (Zinc-Nickel finish) M14x1.5 Viton Seal, Steel (Zinc-Nickel finish)	
In Stock	100190 / FLC-PT	Sample Probe, KST Series. Disposable Probe for 2 mm probe style sample valves (KST, SOS, Probalizer, and QuickDraw). For general sampling of pressurized systems up to 125 psi (0.86 MPa). Disposable needle and tube.	
In Stock	100155 / CHK-KPB4	Sample Probe, KST Series. Button Probe for 2 mm probe style sample valves (KST, SOS, Probalizer, and QuickDraw). For general sampling of pressurized systems up to 750 psi (5.18 MPa). Probe barb compatible with 1/4" sample tubing.	
Special Order	100195 / CHK-VHKF	Sample Probe, KST Series. High Pressure Probe for 2 mm probe style sample valves (KST, SOS, Probalizer, and QuickDraw). For sampling high pressure systems: 750 psi (5.18 MPa) to 4000 psi (27.6 MPa). Includes crimped on micro hose and vent cap.	
Special Order	100190 / CHK-SVP	Sample Probe, KST Series. Disposable Probe for 2 mm probe style sample valves (KST, SOS, Probalizer, and QuickDraw). For general sampling of pressurized systems up to 750 psi (5.18 MPa). Disposable needle, tube and sample jar cap.	
In Stock	100536 / FAF-STU500FT	Sample Tubing. 500 ft. roll, 1/4", LDPE, 0.170" ID, 1/4"OD	
In Stock	100428 / POG-JAR 100861 / SCA-PINTPURGE	Flush Jar. 38mm thread compatible with standard sample pump. 100 ml 500 ml	

Note: Other thread sizes, valve body and seal materials are available by special order. Viton seal valves are recommended for engines/transmission applications.

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