

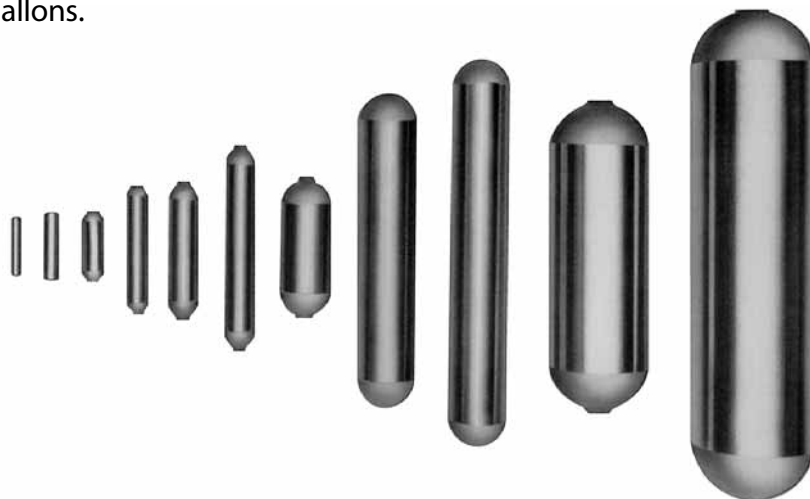


Formed Sampling Cylinders & Accessories

HOKE Sampling Cylinders are designed and manufactured to stringent U.S. Department of Transportation (DOT) specifications to provide long performance life and maximum safety to the user.

These cylinders are fabricated from seamless tubing or pipe with increased wall thickness in the threaded area, which prevents expansion when valves are installed. Completely formed ends maximize strength and eliminate potential leak paths. Internal sandblasting removes surface imperfections and removes foreign particles.

Single- and double-ended cylinders are available as standard in a variety of capacities from 10 milliliters to 4 gallons.



Typical Applications

- Sampling hydrocarbons in refineries and petrochemical plants
- Grab sampling for chromatographic analysis
- Snubbers in reactor feed lines
- Surge accumulators in High Pressure Gas Systems
- High Vacuum Systems as experimental chambers and molecular sieves
- Chemical reaction vessels

Features & Benefits

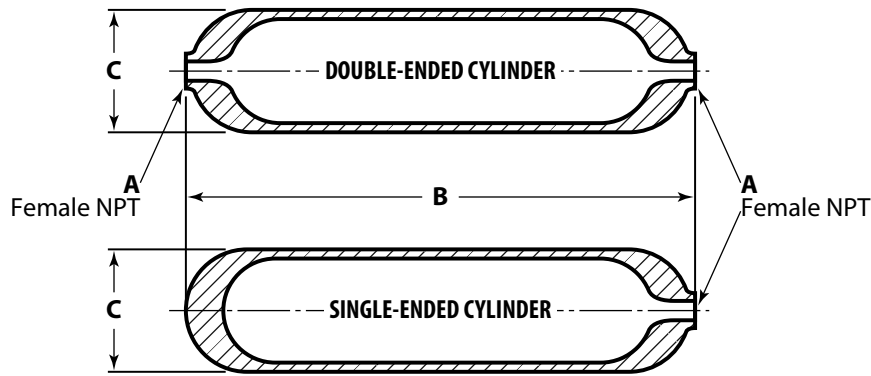
- Choice of 12 different capacities from 10 mL through 4 gallons.
- Cylinder ends come in $\frac{1}{8}$ ", $\frac{1}{4}$ ", $\frac{3}{8}$ " and $\frac{1}{2}$ " NPT female connections (depends on capacity).
- Standard cylinders are formed from seamless drawn 304 SS, 316 SS or Monel® pipe or tubing.
- Precision spinning operation eliminates internal pockets and provides easy flow of the sample.
- All models are internally sandblasted to remove surface imperfections and eliminate foreign particles.
- Single- and double-ended cylinders in most capacities are available as standard.
- Rugged wall thickness – extra strength around threads.
- Cylinders may be ordered with valves, relief devices, dip tubes, carrying handles, collar and flanges and end caps.
- The interior of HOKE cylinders are available with a special FEP lining which provides excellent lubricity and very low permeability. To order, add "TL" following the cylinder part number. Restek®, Silcosteel®, and Sulfinert® surface treatments available for many sizes. Consult factory.
- Special High Tolerance NPT Thread

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formed sampling cylinders

Formed Sampling Cylinders



FOR YOUR SAFETY

IT IS SOLELY THE RESPONSIBILITY OF THE SYSTEM DESIGNER AND USER TO SELECT PRODUCTS SUITABLE FOR THEIR SPECIFIC APPLICATION REQUIREMENTS AND TO ENSURE PROPER INSTALLATION, OPERATION AND MAINTENANCE OF THESE PRODUCTS. MATERIAL COMPATIBILITY, PRODUCT RATINGS AND APPLICATION DETAILS SHOULD BE CONSIDERED IN THE SELECTION. IMPROPER SELECTION OR USE OF PRODUCTS DESCRIBED HEREIN CAN CAUSE PERSONAL INJURY OR PROPERTY DAMAGE.

Formed Cylinders: 316 Stainless Steel only

Pressure ratings up to 5000 psig can be supplied as a special. Consult the factory for quotation of any cylinder rated above 1800 psig.

When testing to ASME specifications is required, contact HOKE for quotation and specify maximum pressure and temperature

To learn more about DOT-rated Cylinders, please read HOKE *Spun Sampling Cylinders* catalog, Part #79006.

Other Materials

Cylinders manufactured from other materials are available. Contact HOKE for quotation.

PTFE-lined Cylinders

The interior of HOKE cylinders are available with a special FEP lining which provides excellent lubricity and very low permeability. To order add "PTFE-lined" following the cylinder part number.

How to Order

To order a HOKE Sampling Cylinder, specify the model number based on capacity required, single- or double-end connections and end connection size.

Dimensions & How to Order

PRESSURE RATING psig [bar]	INTERNAL VOLUME	A inch	ORDERING NUMBERS		DIMENSIONS inch [mm]		WEIGHT lb (kg)
			SINGLE ENDED	DOUBLE ENDED	LENGTH B	OUTSIDE DIAMETER C	
304 Stainless Steel, 400 psig [28 bar]							
400 [28]	1000 mL	½	*	8LD1000	10.5 [627]	3.5 [89]	4.5 [2.0]
	2250 mL	½	*	8LD2250	15.25 [387]	4.0 [102]	7.0 [3.0]
	3000 mL	½	*	8LD3000	19.5 [489]	4.0 [104]	8.4 [3.8]
	1 gal.	½	*	8LD1G	23.75 [603]	4.0 [104]	10.25 [4.6]
304 Stainless Steel, 1800 psig [124 bar]							
1800 [124]	75 mL	¼	4HS75	4HD75	5 [127]	1.5 [38]	0.75 [0.33]
	75 mL	⅜	6HS75	6HD75	5 [127]	1.5 [38]	0.75 [0.33]
	150 mL	¼	4HS150	4HD150	9 [229]	1.5 [38]	1.38 [0.61]
	150 mL	⅜	6HS150	6HD150	9 [229]	1.5 [38]	1.38 [0.61]
	300 mL	¼	4HS300	4HD300	9.75 [248]	2.0 [51]	2.0 [0.9]
	300 mL	⅜	6HS300	6HD300	9.75 [248]	2.0 [51]	2.0 [0.9]
	500 mL	¼	4HS500	4HD500	14.5 [368]	2.0 [51]	3.0 [1.4]
	500 mL	⅜	6HS500	6HD500	14.5 [368]	2.0 [51]	3.0 [1.4]
	1000 mL	½	8HS1000	8HD1000	11.0 [279]	3.5 [89]	7.25 [3.3]
	2250 mL	½	8HS2250	8HD2250	17 [432]	4.0 [102]	13.4 [6.0]
	3000 mL	½	8HS3000	8HD3000	22 [559]	4.0 [102]	16.75 [7.6]
	1 gal.	½	8HS1G	8HD1G	26.75 [679]	4.0 [102]	20.6 [9.3]
	2.5 gal.	½	—	8HD2½G	24.5 [622]	6.625 [168]	42.5 [19.9]
	4 gal.	½	—	8HD4G	36 [914]	6.625 [168]	61.5 [28]
316 Stainless Steel, 1800 psig [124 bar]							
1800 [124]	10 mL	⅛	2HSY10	2HDY10	4 [102]	0.625 [16]	0.125 [0.06]
	30 mL	¼	4HSY30	4HDY30	4.75 [121]	1.0 [25]	0.44 [0.20]
	75 mL	¼	—	4HDY75	4.75 [121]	1.5 [38]	0.75 [0.34]
	150 mL	¼	—	4HDY150	9 [229]	1.5 [38]	1.4 [0.6]
	300 mL	¼	—	4HDY300	9.5 [241]	2.0 [51]	2.0 [0.9]
	500 mL	¼	—	4HDY500	14.5 [368]	2.0 [51]	2.9 [1.3]
Monel®**							
5000 [345]	95 mL	¼	4HSM95	4HDM95	5.25 [133]	1 ²⁹ / ₃₂ [42]	1.5 [0.7]
	150 mL	¼	4HSM150	4HDM150	6.5 [165]	1 ²⁹ / ₃₂ [48]	2.4 [1.0]
	300 mL	¼	4HSM300	4HDM300	11.75 [298]	1 ²⁹ / ₃₂ [48]	4.0 [1.8]
	500 mL	¼	4HSM500	4HDM500	19.5 [495]	1 ²⁹ / ₃₂ [48]	6.13 [2.8]
3500 [241]	1000 mL	¼	4HSM1000	4HDM1000	11.5 [292]	3.5 [89]	11.4 [5.0]

* For single-ended applications, order double-ended cylinder with plug part number 502B.

** Standard models are non-DOT rated