

## HOKE Chromatography Fittings



HOKE Gyrolok tube fittings for use in gas or liquid chromatography applications are available in a variety of user-required configurations. HOKE's Chromatography Fittings feature low dead volumes, male nut designs, as well as configurations utilizing either press-fit or drop-in frits. For user convenience, both frit versions are available in a number of micron sizes. By combining the needs of the Chromatography Fitting with key Gyrolok features, such as controlled ferrule drive, the HOKE Chromatography Fitting offers capabilities and performance that are unmatched in the industry.

### Pressure Ratings

HOKE Gyrolok Chromatography fittings are rated for working pressures higher than the tubing recommended for use. Refer to HOKE's Tubing Data Charts for specific information.

### Temperature Ratings

316 Stainless Steel: -325° F to +800° F (-200° C to +425° C)

Note: Intermittent use to 1200° F is possible, however prolonged exposure to temperatures over 800° F is not recommended.

### Features

Low Dead Volume:

Press-fit or Drop-in Frits:

Conical Diffusion Angle:

Male Nut Configuration:

Fritless Configurations:

Controlled Ferrule Drive:

Interchangeability:

### Benefits

- Accurate analysis and measurement
- Filter elements can be ordered factory installed (press-fit) or for field installation (drop-in)
- 4 micron sizes are offered as standard, other sizes can be provided
- Perform final filtering function for low volume fluids
- Press-fit frit design reduces internal volume
- Assures fluid contact over a greater surface, extending frit life while reducing unfiltered volume
- Reduced internal volume
- For use with G.C. columns or L.C.'s with screens
- Long product life with outstanding remakeability
- Fittings are interchangeable with those of certain other manufacturers (consult factory)

## How to Order—Fittings

2	F	U	M	P	1	316
Tube O.D. in 1/16 of an inch; 2=2/16"=1/8"	Nut Type M = male F = female size 2 nut is female	Fitting Type U = union RU = reducing union CM = male connector	Nut Type M = male F = female only used if different nut type is used	Press-Fit Frit size P = .5 micron R = 2 micron T = 5 micron V = 10 micron	Tube Size in 1/16's of an inch	Material 316 stainless steel

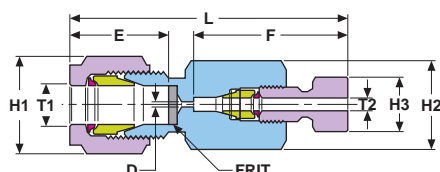
## Dimension Tables

### Drop-In Frit

Part No.	Column O.D.
4FRIT [*] - 316	1/4
6FRIT [*] - 316	3/8
8FRIT [*] - 316	1/2
16FRIT [*] - 316	1

\* Frit designator in microns: E=2.0, G=5.0, I=10.  
Assign appropriate letter code for desired size.

### Column End Fitting (for use with drop-in frit)



Part No.	T1 x T2 Tube Sizes	Dimensions — inches						
		L Length	D Dia.	H1 Hex Size	H2 Hex Size	H3 Hex Size	E Dim	F Dim
4FUM1-316	1/4 x 1/16	1.57	0.020	9/16	1/2	1/4	41/64	51/64
6FUM1-316	3/8 x 1/16	1.65	0.020	11/16	5/8	1/4	23/32	51/64
8FUM1-316	1/2 x 1/16	1.93	0.030	7/8	13/16	1/4	31/32	51/64
16FUM1-316	1 x 1/16	2.30	0.030	1 1/2	1 3/8	1/4	1 5/16	51/64

\* [ ] see page 6 for material specifications.