

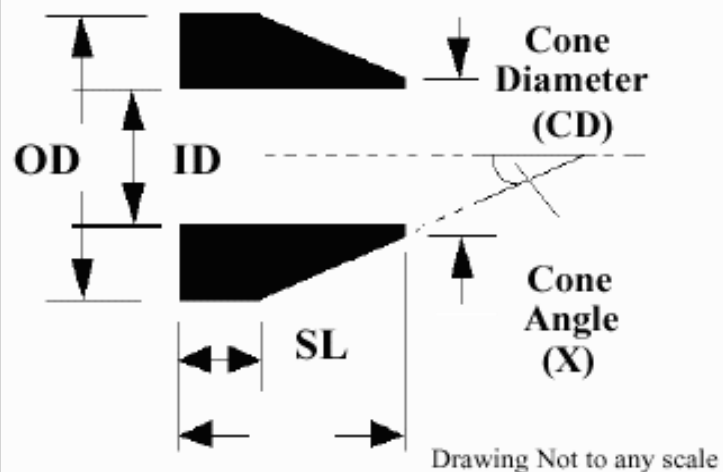
Ferrules

To Order "Specials" ... Ferrule Specifications

Size in inches or mm

Material		Tolerance Required
- Graphite	<i>G</i>	<i>SFM10-G</i>
- Graphite/ Polyimide(15%)		
- Teflon		
Other		
ID	10.00	+\.05-0.00
OD	13.55	
Length (L)	8.70	can be varied @ no tool charge > specify +/-0.50
Shoulder Length (SL)	5.30	
Cone Diameter (CD)	11.4	length fixed
Quantity required		

Specification Sheet



Cone Angle is generally incidental but typically for the SF type ferrules (X) = 17 degrees + - 1.
Shape is determined by ALL other dimensions.
Generally in manufacture the overall length is more easily adjusted by varying the "shoulder" length (SL) retaining a constant cone angle.

A set up / tooling cost charge of \$100 for small quantities of "New" ferrules may apply. Please Enquire

CUSTOM Ferrules ! Fax this Spec sheet to +61 3 9761 1169 or scan and use e-mail

Standard Sizes for 1/16"OD Ferrules - most capillary columns

	Restek Column ID	Column OD	Ferrule ID Nominal	ID Actual	To Order
Fused Silica	0.10mm	0.363mm+/-0.012	0.40mm	0.016"	SF100/0.4G
	0.18	0.363+/-0.012	0.40	0.016"	SF100/0.4G
	0.25	0.363+/-0.012	0.40	0.016"	SF100/0.4G
	0.32	0.45+/-0.04	0.50	0.021"	SF100/0.5G
	0.53	0.69 +/-0.05	0.75	0.029"	SF100/0.75G *
MXT	0.28	0.53 +/-0.025	0.50	0.021"	SF100/0.5VG
	0.53	0.74 +/-0.025	0.80	0.031"	SF100/0.8VG *

Graphite/Polyimide is very hard and will squash down max of 0.05mm (0.002")
Graphite will squash 0.25mm (0.010" easily)

Dimensions are for **Restek Columns**
 CHECK you column OD with a micrometer
 IF in doubt !

Graphite/Polyimide - Do up finger-tight - then requires 1/2 turn with spanner . Feel is relatively progressive until max pressure with short spanners (Go by feel until silica in ferrule doesn't slip)

Note : the silica is almost impossible to break inside the ferrule

NEW ! 2005 Graphite/Polyimide now in SHORT Version (similar to Agilent short GFs)

Works perfectly in standard Swagelok 1/16" Nut - Price 25% less use eg **Cat# SF0.4VG**