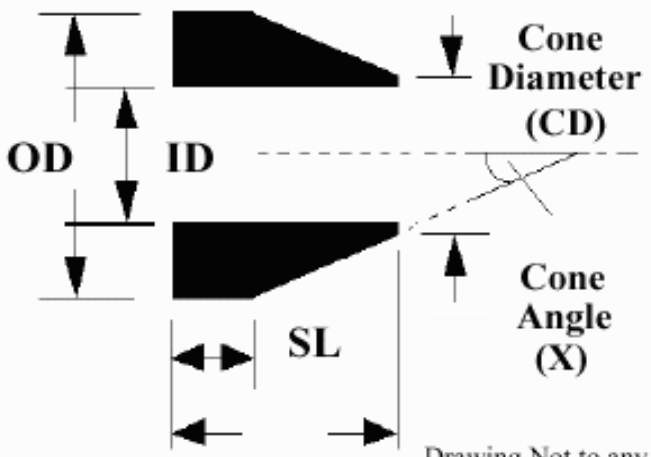
Ferrules

Specification Sheet

To Order "Specials" . . . Ferrule Specifications		
Size in inches ☐ or ☐ mm		
Material		**Tolerance Required**
- Graphite		
- Graphite/ Polyimide(15%)		
- Teflon		
Other		
ID		
OD		
Length (L)		
Shoulder Length (SL)		
Cone Diameter (CD)		
Quantity required		



Drawing Not to any scale

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 +/-0025	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**