

Shimadzu Supplies/Parts

Ferrules



Graphite ferrules



85% Vespel, 15% Graphite ferrules

Ferrule Properties			
Material	Temp Limit	Advantages	Limitations
Graphite (100%)	450°C	<ul style="list-style-type: none"> Recommended for high temperature and cool on-column application 	<ul style="list-style-type: none"> Not for MS Easily deformed Possible system contamination
Vespel/Graphite (85%/15%)	350°C	<ul style="list-style-type: none"> Excellent sealing Recommended for MS 	<ul style="list-style-type: none"> Must re-tighten frequently Flows at elevated temperature

Ordering Information			
Description	QTY	Shimadzu No.	Part No.
Graphite Ferrules for 14A/17A/2010/2014			
1/16" to 0.5mm, for 0.25-0.32mmID columns	10	221-32126-05	066M-1016
1/16" to 0.8mm, for 0.53mmID columns	10	221-32126-08	066M-1026
5mmOD for packed columns	10	221-15563-91	066M-1036
85% Vespel, 15% Graphite Ferrules For QP-5000-I MS			
1/16" to 0.4mm, for 0.1-0.25mmID columns	10		066M-2016
1/16" to 0.5mm, for 0.32mmID columns	10		066M-2026
85% Vespel, 15% Graphite Ferrules For QP-5000-II MS			
1/16" to 0.4mm, for 0.1-0.25mmID columns	10		066M-2036
1/16" to 0.5mm, for 0.32mmID columns	10		066M-2046
85% Vespel, 15% Graphite Ferrules For 2010 GCMS			
1/16" to 0.4mm, for 0.1-0.25mmID columns	10		066M-2056
1/16" to 0.5mm, for 0.32mmID columns	10		066M-2066
1/16" to 0.8mm, for 0.53mmID columns	10		066M-2076

GC Accessories

Capillary Nuts



Capillary Nuts

Ordering Information			
Description	QTY	Shimadzu No.	Part No.
Capillary Nuts			
Nut with Slit	2	221-32705	066M-5012
Nut without Slit	2	221-1635-81	066M-5022

SilTite Ferrules

- Metal ferrules for fused silica GC columns and tubing
- Ideal for GC/MS
- Eliminate contamination from vespel or graphite
- Eliminate annoying leaks
- Reduce air background
- No more retightening of Vespel ferrules after temperature cycling
- Reduce GC and MS down time



SilTite nuts and ferrules

Ordering Information			
Description	QTY	Shimadzu No.	Part No.
SilTite Ferrules Kit For QP-5000 MSD, 10 Ferrules, 2 Nuts			
SilTite Kit for 0.10 to 0.25mmID Columns	1		066M-6011
SilTite Ferrule 0.10 to 0.25mmID Columns	10		066M-6026
SilTite Kit for 0.32mmID Columns	1		066M-6031
SilTite Ferrule 0.32mmID Columns	10		066M-6046
SilTite Kit for 0.45-0.53mmID Columns	1		066M-6051
Ferrule for 0.45-0.53mmID Columns	10		066M-6066
SilTite Ferrules Kit For QP2010, 10 Ferrules, 2 Nuts			
SilTite Kit for 0.10 to 0.25mmID Columns	1		066M-6071
SilTite Ferrule 0.10 to 0.25mmID Columns	10		066M-6086
SilTite Kit for 0.32mmID Columns	1		066M-6091
SilTite Ferrule 0.32mmID Columns	10		066M-6106
SilTite Kit for 0.45-0.53mmID Columns	1		066M-6111
SilTite Ferrule for 0.45-0.53mmID Columns	10		066M-6126
Replacement SilTite Nuts			
SilTite Nut For 201/2014 QP-5000 with Jet Separator	5		066M-6135
SilTite Nut For QP-5000 with Direct MS Interface	5		066M-6145