

## Connections | Vespel®/graphite ferrules

Part number	Part description and detail
<b>For use on Agilent GC injectors and detectors at atmospheric pressure e.g. FID</b>	
<b>60% Vespel / 40% graphite</b>	
2131XX	1/16" GC ferrule with no hole, PK10
213163	1/16" GC ferrule Agilent style with 0.3 mm ID, PK10
213164	1/16" GC ferrule Agilent style with 0.4 mm ID, PK10
213165	1/16" GC ferrule Agilent style with 0.5 mm ID, PK10
213168	1/16" GC ferrule Agilent style with 0.8 mm ID, PK10
<b>85% Vespel / 15% graphite</b>	
2151XX	1/16" GC ferrule with no hole, PK10
215163	1/16" GC ferrule with 0.3 mm ID, PK10
215164	1/16" GC ferrule with 0.4 mm ID, PK10
215165	1/16" GC ferrule with 0.5 mm ID, PK10
215168	1/16" GC ferrule with 0.8 mm ID, PK10
<b>For use on Agilent GCMS interface, Bruker/Varian and PerkinElmer GC injectors and detectors at atmospheric</b>	
<b>60% Vespel / 40% graphite</b>	
213104	1/16" GC ferrule with 0.4 mm ID, PK10
213105	1/16" GC ferrule with 0.5 mm ID, PK10
213108	1/16" GC ferrule with 0.8 mm ID, PK10
<b>85% Vespel / 15% graphite</b>	
215104	1/16" GC ferrule long with 0.4 mm ID, PK10
215105	1/16" GC ferrule long with 0.5 mm ID, PK10
215108	1/16" GC ferrule long with 0.8 mm ID, PK10
<b>For use on PerkinElmer GC injectors and detectors at atmospheric</b>	
<b>60% Vespel / 40% graphite</b>	
213204	1/8" GC ferrule with 0.4 mm ID, PK10
213205	1/8" GC ferrule with 0.5 mm ID, PK10
213208	1/8" GC ferrule with 0.8 mm ID, PK10
<b>85% Vespel / 15% graphite</b>	
215204	1/8" GC ferrule with 0.4 mm ID, PK10
215205	1/8" GC ferrule with 0.5 mm ID, PK10
215208	1/8" GC ferrule with 0.8 mm ID, PK10
<b>For use on Shimadzu QP5000-I standard MS interface</b>	
<b>85% Vespel / 15% graphite</b>	
0726563	Ferrule with 0.4 mm hole, PK10
0726564	Ferrule with 0.5 mm hole, PK10
<b>For use on Shimadzu QP5000-II/5050 standard MS interface</b>	
<b>85% Vespel / 15% graphite</b>	
0726561	Ferrule with 0.4 mm hole, PK10
0726562	Ferrule with 0.5 mm hole, PK10
0726547	Ferrule with 0.8 mm hole, PK10
<b>For use on Thermo Scientific TRACE 1300 Series GC at atmospheric pressure e.g. FID</b>	
<b>60% Vespel / 40% graphite</b>	
2131XX	1/16" GC ferrule with no hole, PK10
213163	1/16" GC ferrule Agilent style with 0.3 mm ID, PK10
213164	1/16" GC ferrule Agilent style with 0.4 mm ID, PK10
213165	1/16" GC ferrule Agilent style with 0.5 mm ID, PK10
213168	1/16" GC ferrule Agilent style with 0.8 mm ID, PK10

Part number	Part description and detail
<b>For use on Thermo Scientific TRACE 1300 Series GC at atmospheric pressure e.g. FID continued</b>	
<b>85% Vespe / 15% graphite</b>	
2151XX	1/16" GC ferrule with no hole, PK10
215163	1/16" GC ferrule with 0.3 mm ID, PK10
215164	1/16" GC ferrule with 0.4 mm ID, PK10
215165	1/16" GC ferrule with 0.5 mm ID, PK10
215168	1/16" GC ferrule with 0.8 mm ID, PK10
<b>For use on Thermo Scientific GCMS interface</b>	
<b>60% Vespe / 40% graphite</b>	
213104	1/16" GC ferrule with 0.4 mm ID, PK10
213105	1/16" GC ferrule with 0.5 mm ID, PK10
213108	1/16" GC ferrule with 0.8 mm ID, PK10
<b>85% Vespe / 15% graphite</b>	
215104	1/16" GC ferrule long with 0.4 mm ID, PK10
215105	1/16" GC ferrule long with 0.5 mm ID, PK10
215108	1/16" GC ferrule long with 0.8 mm ID, PK10
<b>Standard ferrule solutions - 1/16" fitting specification</b>	
<b>60% Vespe / 40% graphite</b>	
2131XX	1/16" GC ferrule with no hole, PK10
213103	1/16" GC ferrule long with 0.3 mm ID, PK10
213163	1/16" GC ferrule Agilent style with 0.3 mm ID, PK10
213104	1/16" GC ferrule long with 0.4 mm ID, PK10
213124	1/16" GC ferrule long with 0.4 mm ID two-hole, PK10
213164	1/16" GC ferrule Agilent style with 0.4 mm ID, PK10
213105	1/16" GC ferrule long with 0.5 mm ID, PK10
213125	1/16" GC ferrule long with 0.5 mm ID two-hole, PK10
213165	1/16" GC ferrule Agilent style with 0.5 mm ID, PK10
213106	1/16" GC ferrule long with 0.6 mm ID, PK10
213108	1/16" GC ferrule long with 0.8 mm ID, PK10
213168	1/16" GC ferrule Agilent style with 0.8 mm ID, PK10
213110	1/16" GC ferrule long with 1.0 mm ID, PK10
213100	1/16" GC ferrule long with 1/16" IDP, PK10
<b>85% Vespe / 15% graphite</b>	
2151XX	1/16" GC ferrule with no hole, PK10
215102	1/16" GC ferrule Agilent style with no hole, PK10
215103	1/16" GC ferrule long with 0.3 mm ID, PK10
215133	1/16" GC ferrule long with 0.3 mm ID two-hole, PK10
215193	1/16" GC ferrule long with 0.3 mm ID three-hole, PK10
0726591	Vg/Micromass ferrule with 0.3 and 0.4 mm hole for 1/16" fitting, PK10
215134	1/16" GC ferrule long with 0.3 and 0.4 mm ID, PK10
215135	1/16" GC ferrule long with 0.3 and 0.5 mm ID, PK10
215104	1/16" GC ferrule long with 0.4 mm ID, PK10
215124	1/16" GC ferrule long with 0.4 mm ID two-hole, PK10
215164	1/16" GC ferrule Agilent style with 0.4 mm ID, PK10
215145	1/16" GC ferrule long with 0.4 and 0.5 mm ID, PK10
215105	1/16" GC ferrule long with 0.5 mm ID, PK10
215125	1/16" GC ferrule long with 0.5 mm ID two-hole, PK10
215165	1/16" GC ferrule Agilent style with 0.5 mm ID, PK10
215106	1/16" GC ferrule long with 0.6 mm ID, PK10
215108	1/16" GC ferrule long with 0.8 mm ID, PK10
215168	1/16" GC ferrule Agilent style with 0.8 mm ID, PK10
215110	1/16" GC ferrule long with 1.0 mm ID, PK10
215100	1/16" GC ferrule long with 1/16" ID, PK10

Part number	Part description and detail
<b>Standard ferrule solutions - 1/8" fitting specification</b>	
<b>60% Vespel / 40% graphite</b>	
2132XX	1/8" GC ferrule with no hole, PK10
213204	1/8" GC ferrule with 0.4 mm ID, PK10
213205	1/8" GC ferrule with 0.5 mm ID, PK10
213222	1/8" GC ferrule with 0.5 mm ID two-hole, PK10
213208	1/8" GC ferrule with 0.8 mm ID, PK10
213228	1/8" GC ferrule with 0.8 mm ID two-hole, PK10
213210	1/8" GC ferrule with 1/16" ID, PK10
213200	1/8" GC ferrule with 1/8" ID, PK10
<b>85% Vespel / 15% graphite</b>	
2152XX	1/8" GC ferrule with no hole, PK10
215204	1/8" GC ferrule with 0.4 mm ID, PK10
215205	1/8" GC ferrule with 0.5 mm ID, PK10
215208	1/8" GC ferrule with 0.8 mm ID, PK10
215288	1/8" GC ferrule with 0.8 mm ID two-hole, PK10
215224	1/8" GC ferrule with 2.4 mm ID, PK10
215210	1/8" GC ferrule with 1/16" ID, PK10
215200	1/8" GC ferrule with 1/8" ID, PK10
<b>Standard ferrule solutions - 1/4" fitting specification</b>	
<b>60% Vespel / 40% graphite</b>	
2134XX	1/4" GC ferrule with no hole, PK10
213404	1/4" GC ferrule with 0.4 mm ID, PK10
213405	1/4" GC ferrule with 0.5 mm ID, PK10
213408	1/4" GC ferrule with 0.8 mm ID, PK10
213410	1/4" GC ferrule with 1/16" ID, PK10
213420	1/4" GC ferrule with 1/8" ID, PK10
213406	1/4" GC ferrule with 6 mm ID, PK10
213400	1/4" GC ferrule with 1/4" ID, PK10
<b>85% Vespel / 15% graphite</b>	
2154XX	1/4" GC ferrule with no hole, PK10
215405	1/4" GC ferrule with 0.5 mm ID, PK10
215460	1/4" GC ferrule with 6.0 mm ID, PK10
215416	1/4" GC ferrule with 1/16" ID, PK10
215418	1/4" GC ferrule with 1/8" ID, PK10
215400	1/4" GC ferrule with 1/4" (6.4 mm) ID, PK10
215465	1/4" GC ferrule with 6.5 mm ID, PK10
<b>Standard ferrule solutions - 1/2" fitting specification</b>	
<b>60% Vespel / 40% graphite</b>	
213800	1/2" GC ferrule with 1/2" ID, PK5
<b>Mini union ferrule</b>	
<b>85% Vespel / 15% graphite</b>	
072694	Mini union ferrule with no hole, PK10
072695	Mini union ferrule with 0.3 mm hole, PK10
072696	Mini union ferrule with 0.4 mm hole, PK10
072697	Mini union ferrule with 0.5 mm hole, PK10
072698	Mini union ferrule with 0.8 mm hole, PK10
<b>Graphitized Vespel seal rings</b>	
<b>85% Vespel / 15% graphite</b>	
072651	GVSR4 graphite/vespel seal ring, PK 10
072652	GVSR8-8 graphite/vespel seal ring, PK 10
072653	GVSR16-16 graphite/vespel seal ring, PK 10
<b>Carlo Ebra (CE) and early Thermo GCs</b>	
<b>85% Vespel / 15% graphite</b>	
0726548	GVF-CE-007 vespel ferrule, PK10
0726549	GVF-CE-004 vespel ferrule, PK10
0726557	GVF-CE-005 vespel ferrule, PK10

For more information about this product visit [www.trajanscimed.com](http://www.trajanscimed.com) or contact [techsupport@trajanscimed.com](mailto:techsupport@trajanscimed.com)