

# Instructions for fitting Omni-Lok™ Type S Ferrules

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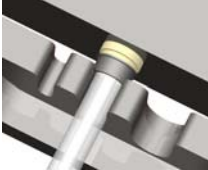
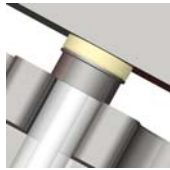


Data sheet for use with Part No's: -  
**008FK16, 008FK32, 008FK47, 008FZ16, 008FZ32, 008FZ47**

**Please read all instructions before use**

Omni-Lok ferrules are a flangeless tube connection system, which incorporate either an ETFE or PEEK™ ferrule housed in a 316 Stainless Steel case. These provide a minimal dead volume and low flow disturbance connection. The Omni-Lok™ system does not twist the tubing during connection is ideal for repeated connect/disconnect operation.

**For ease of use, it is recommended that the Omni-Lok tool is used for assembly of the ferrule onto the tube.**

1		Cut the end of the tube square (Using the Omnifit tube cutter part # 003062 for 1/16" & 1/8" OD tube),	
2		Fit an Omnifit fitting nut onto the tube. Slide an Omni-Lok lock ring and ferrule onto the cut tube end. Ensure the lip of the lock ring and ferrule is facing towards the tube end.	
3a		<b>Omni-Lok™ ferrule compression method 1.</b>	
1		Load the parts from 2) into the slot in the assembly tool (part number 008AT) that most closely fits the outside diameter of the tube.	
2		Slowly bring the tool faces together until the cone and case are located together, but a gap between the lip of the lock ring and the lip of the ferrule remains.	
3		Whilst pushing the tube up against the tool face, slowly squeeze the handles together until half of the gap between the lip of the lock ring and the lip of the ferrule is closed.	
4		Turn the tube through 180° and squeeze the handles together until the lip of the lock ring and the lip of the ferrule are between 0 and 0.2mm apart. Do not deform the lip of the ferrule.	
5		The assembly is now ready for use.	
3b		<b>Omni-Lok™ ferrule compression method 2.</b>	
		Note: the flat bottomed threaded female port must be made from a hard material, and not for instance from PTFE. Screw the fitting nut with the parts from 2) into a flat bottomed threaded female port, continuing while no resistance is felt. When resistance starts to be noticed, (this means the case and ferrule are now in contact) push the tube into the bottom of the port and then tighten the fitting nut to comfortably finger tight. Tube assembly is now ready for use.	

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