

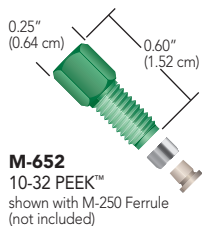
Flat-Bottom Fittings

Super Flangeless™ Fittings

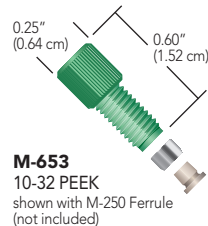
- ▶ Designed to hold to higher pressures than standard flangeless fittings
- ▶ Eliminates loosening of nuts caused by tubing twist

The design of the Super Flangeless fitting system includes a two-piece ferrule with a lock ring which operates as a bearing against the nut. The nut can then spin freely without turning the ferrule while rotating, preventing the tubing from twisting during the tightening process. This feature helps eliminate subsequent loosening of the nut, making the Super Flangeless system ideal for applications subject to vibration. These products are also well suited for connections that need to be broken frequently, since the lock ring holds the ferrule in place on the tubing until intentionally removed. Use the LT-300 Removal Tool – found on page 33 – to release Super Flangeless Ferrules from tubing for repositioning.

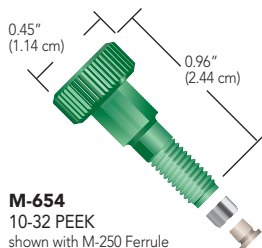
The fittings systems on this page connect 1/16" OD tubing into any flat-bottom 6-40, 6-32 or 10-32 flat-bottom port. Use the FEP NanoTight™ Sleeves from page 19 with these fittings to connect capillary tubing with OD sizes between 70 µm and 1 mm. Choose from a variety of nut styles for the 10-32 nuts, depending on the application. The headless 6-40 and 6-32 nuts can be tightened using the N-290 extender tool found on page 33.



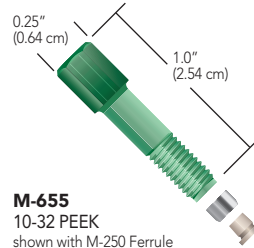
M-652
10-32 PEEK™
shown with M-250 Ferrule
(not included)



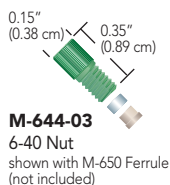
M-653
10-32 PEEK
shown with M-250 Ferrule
(not included)



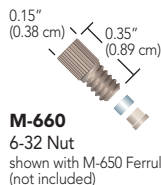
M-654
10-32 PEEK
shown with M-250 Ferrule
(not included)



M-655
10-32 PEEK
shown with M-250 Ferrule
(not included)



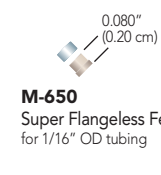
M-644-03
6-40 Nut
shown with M-650 Ferrule
(not included)



M-660
6-32 Nut
shown with M-650 Ferrule
(not included)



NEW!
M-250
Super Flangeless Ferrule
for 1/16" OD tubing



M-650
Super Flangeless Ferrule
for 1/16" OD tubing



Top Seller SEE STARRED PRODUCTS

Part No.	Description	Port	Pressure Rating	Head Style	Material	Qty.
SUPER FLANGELESS NUTS						
★ M-644-03x	Super Flangeless Nut for 1/16" OD Tubing	6-40 Flat Bottom	750 – 3,750 psi (52 – 259 bar)	Micro Headless	PEEK Green	10-pk
M-652x	Super Flangeless Nut for 1/16" OD Tubing	10-32 Flat Bottom	1,000 – 5,000 psi (69 – 345 bar)	1/4" Hex	PEEK Green	10-pk
M-653x	Super Flangeless Nut for 1/16" OD Tubing	10-32 Flat Bottom	1,000 – 5,000 psi (69 – 345 bar)	Headless Knurl	PEEK Green	10-pk
M-654x	Super Flangeless Nut for 1/16" OD Tubing, Long	10-32 Flat Bottom	1,000 – 5,000 psi (69 – 345 bar)	Knurl-1/4" Hex	PEEK Green	10-pk
M-655x	Super Flangeless Nut for 1/16" OD Tubing, Long	10-32 Flat Bottom	1,000 – 5,000 psi (69 – 345 bar)	1/4" Hex	PEEK Green	10-pk
M-660x	Super Flangeless Nut for 1/16" OD Tubing	6-32 Flat Bottom	750 – 3,750 psi (52 – 259 bar)	Micro Headless	PEEK Natural	10-pk
SUPER FLANGELESS FERRULES						
NEW! M-250x	Super Flangeless Ferrule for 1/16" OD Tubing	10-32 Flat Bottom	1,000 – 5,000 psi (69 – 345 bar)	—	PEEK Natural/SST	10-pk
★ M-650x	Super Flangeless Ferrule for 1/16" OD Tubing	6-32 or 6-40 Flat Bottom	750 – 3,750 psi (52 – 259 bar)	Micro Headless	PEEK Natural/SST	10-pk