

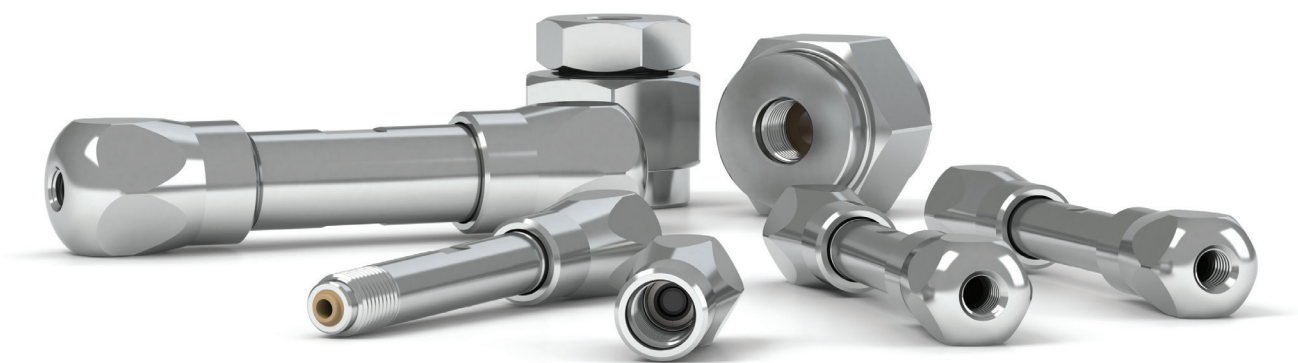
Instructions for Column Connection

YMC-Triart Metal-Free Columns





PEEK Lined Stainless Steel Column Hardware



To ensure optimal performance and to prevent damage to the column, please read carefully the information concerning the column connection procedure. Failure to adopt the correct procedure may invalidate the column warranty.



- The column end fittings are Parker-style fitting (10-32 port, for 1/16" OD tubing) although the actual sealing principle is unique. **Fittings MUST be connected to the column by hand-tightening.** The column could be irreversibly damaged by using a wrench to connect.
- Always hold the column end fitting when connecting or disconnecting the tubing fitting to prevent the column head from being loosened as this will cause leakage from the column.
- Only fittings with freely moving ferrules or those which have no ferrules can be used (See below for our recommendations) in order to prevent damage to the frit or column head.
- It is advised that PEEK tubing, cut cleanly at exactly 90 degrees to the length should be used. Where replaceable ferrule fittings are used, always check that the ferrule can move freely. Swaged metal ferrules on metal tubing WILL cause damage to the frit or column head if over-tightened or have the incorrect pilot (set) depth.

Recommendation	✓ ✓		✓	
Ferrule	no		Replaceable	
Product	MarvelX™	MarvelXACT™	Handy connector 2	Hand-tight EXP® fitting
Manufacturer	IDEX Health & Science LLC	IDEX Health & Science LLC	YMC Co., Ltd.	Optimize Technologies, Inc.
				
Pressure rating	131 MPa / 1,310 bar	131 MPa / 1,310 bar	42 MPa / 420 bar	137 MPa / 1,370 bar
Product code	e.g. UPPF-6050250	e.g. UPPF-YM7050250	XRP0204	XRHTF-01

MarvelX (ACT) is a registered trademark of IDEX Health & Science LLC
EXP® is a registered trademark of Optimize Technologies, Inc.

- The usage of **Viper™** (Thermo Scientific™) fittings is **not** recommended due to its sealing mechanism.

Please contact your local YMC office or official distributor for more details.