


# MANIFOLDS & WELDMENTS

**HYDRAFLOW**

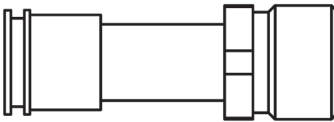
## STANDARD CONNECTIONS AND UNIONS

## REMARKS

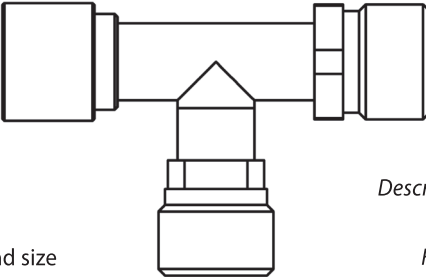


**FT1608**

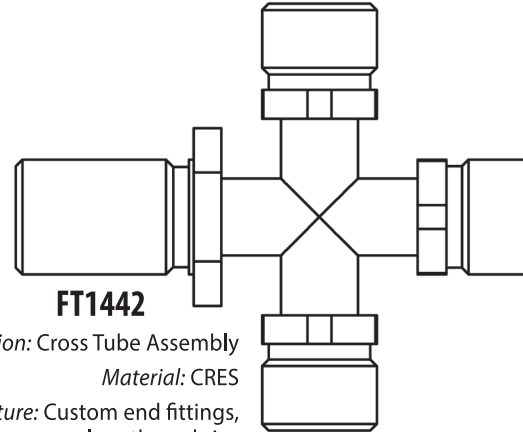
**FT1401**  
Description: Straight Tube Assembly  
Material: CRES  
Feature: Custom end fittings, length, and size



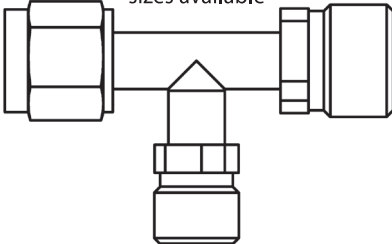
**FT1437**  
Description: Tee Assembly  
Material: CRES  
Feature: Custom end fittings, length, and size



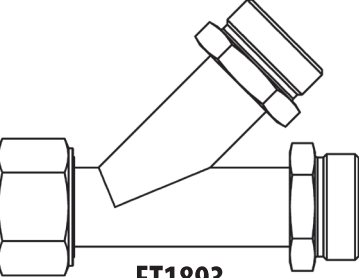
**FT1442**  
Description: Cross Tube Assembly  
Material: CRES  
Feature: Custom end fittings, length, and size



**FT1601**  
Description: Tee Assembly  
Material: CRES  
Feature: Custom end fittings with jump sizes available



**FT1893**  
Description: "Wye" Fitting Assembly  
Material: CRES  
Feature: Custom end fittings, length, size, and angles

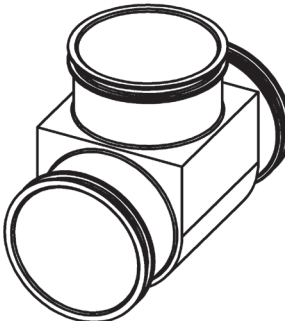


Hydraflow's manifolds come with a variety of aerospace standard end fittings, many of which are available in reducer and expander configurations. We offer length, size, and end fitting customization based on customer's requirements or application.

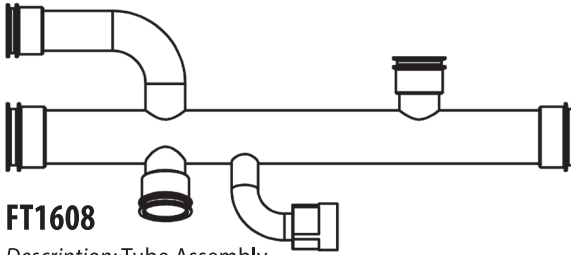
## CUSTOM CONNECTIONS

## REMARKS

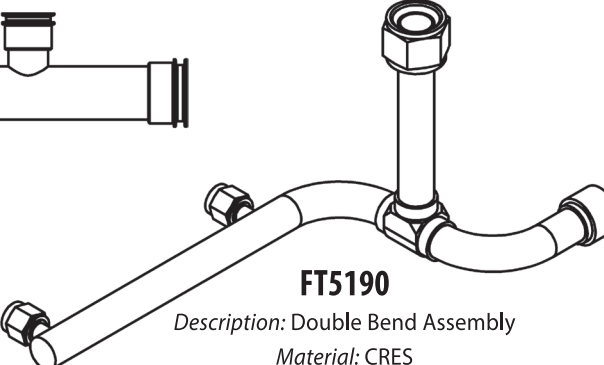
**LC010**  
Description: Tee  
Material: Aluminum, CRES  
Feature: Varied size for each end



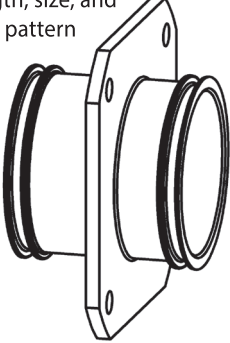
**FT1608**  
Description: Tube Assembly  
Material: CRES  
Feature: Custom end fittings  
Port locations per requirements



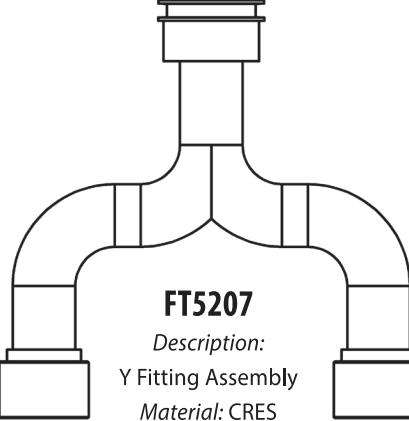
**FT5190**  
Description: Double Bend Assembly  
Material: CRES  
Feature: Custom bends, port locations, and port sizes



**LC1215**  
Description: Flange Bulkhead  
Material: Aluminum, CRES  
Feature: Custom end fittings, length, size, and bolt pattern



**FT5207**  
Description: Y Fitting Assembly  
Material: CRES  
Feature: Custom flow path

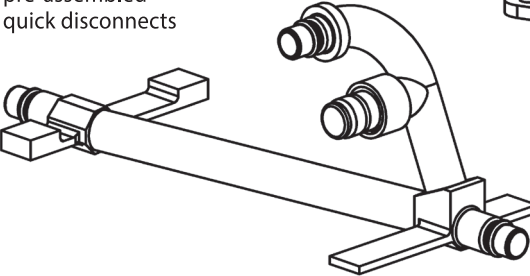


Hydraflow's design and manufacturing expertise enables customers to order components tailored to their specific, low-pressure applications – including multi-plane tube bending, custom flow paths, port placement, and bulkhead retention method.

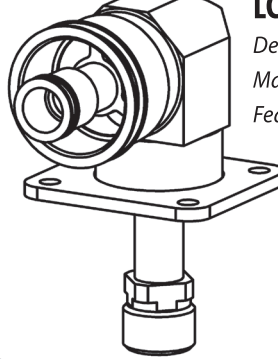
## INTEGRATED SOLUTIONS

## REMARKS

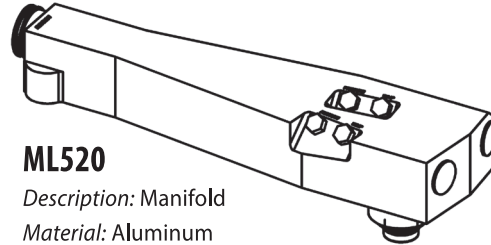
**FT1814**  
Description: Manifold  
Material: Aluminum  
Feature: Custom mounting bracket, pre-assembled quick disconnects



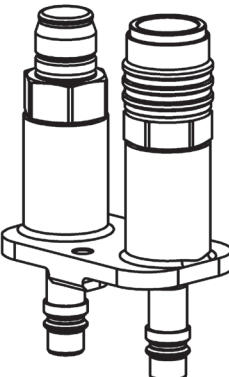
**LC650**  
Description: 90° Shroud Assembly  
Material: Aluminum  
Feature: Custom mounting bracket with inner and outer flow paths



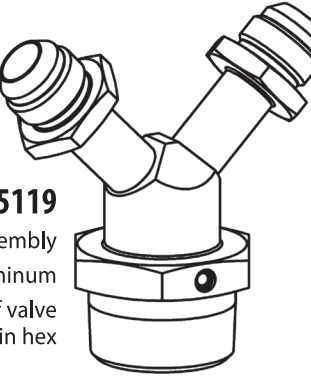
**ML520**  
Description: Manifold  
Material: Aluminum  
Feature: Custom flow paths, ports, and marking



**ML617**  
Description: Feed Thru Manifold  
Material: Aluminum  
Feature: Pre-assembled quick disconnect, pre-installed helicoil inserts



**FT5119**  
Description: Y Fitting Assembly  
Material: Aluminum  
Feature: Thermal relief valve embedded in hex



Hydraflow can integrate technologies such as dry break quick disconnects, thermal relief valves, flexible hoses, and anti-freezing protection features into our manifolds to provide complete application solutions. This approach enhances efficiency and reduces weight, bill of materials, and costs for our customers.

\*Information within this document is for reference only. Contact Hydraflow for established technical data.