

HYDRAULIC CONNECTOR KIT

5,000 PSI Max.

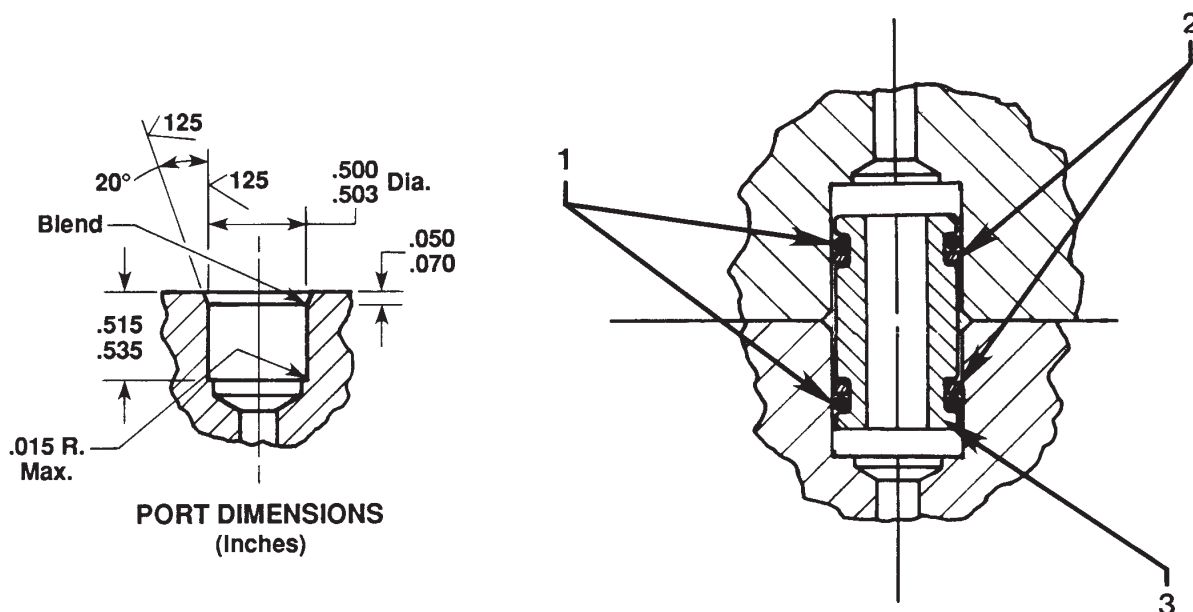
The bushings in this kit are used to connect hydraulic passageways between separate components. These components, typically called manifolds, must have the port (shown below) machined into each of the mating parts. These manifolds must be mechanically fastened together and must resist the force due to hydraulic pressure of 0.2 lbs. per connector bushing per each PSI of hydraulic pressure. *Example: You have four of these bushings connecting a pair of manifolds. All connectors can be pressurized up to 3000 PSI. The force trying to separate the manifolds is: $4 \times 3000 \times 0.2 = 2400$ lbs.*



WARNING: To help avoid personal injury,

- Manifold mounting requires that the user provide pressurized hydraulic passageways within the fixture. These should be designed only by persons qualified to insure system safety. Improperly designed manifolds may burst under hydraulic pressure, causing serious personal injury.

NOTE: The port detail shown below is one of Hytec's standardized ports for manifold mounted components. The bushing is shorter than two times the port depth of .515/.535 inches. For consistency, use this standard port depth or, if desired, shorten it to no less than .427 inches deep.



Hydraulic Connector Kit #100169 consists of ten sets of:

Item No.	Part No.	No. Req'd	Description
1	10268	2	O-ring (1/2 x 3/8 x 1/16, -012)
2	11863	2	Backup Washer (1/2 x 3/8 x 1/16, -012)
3	21094	1	Bushing