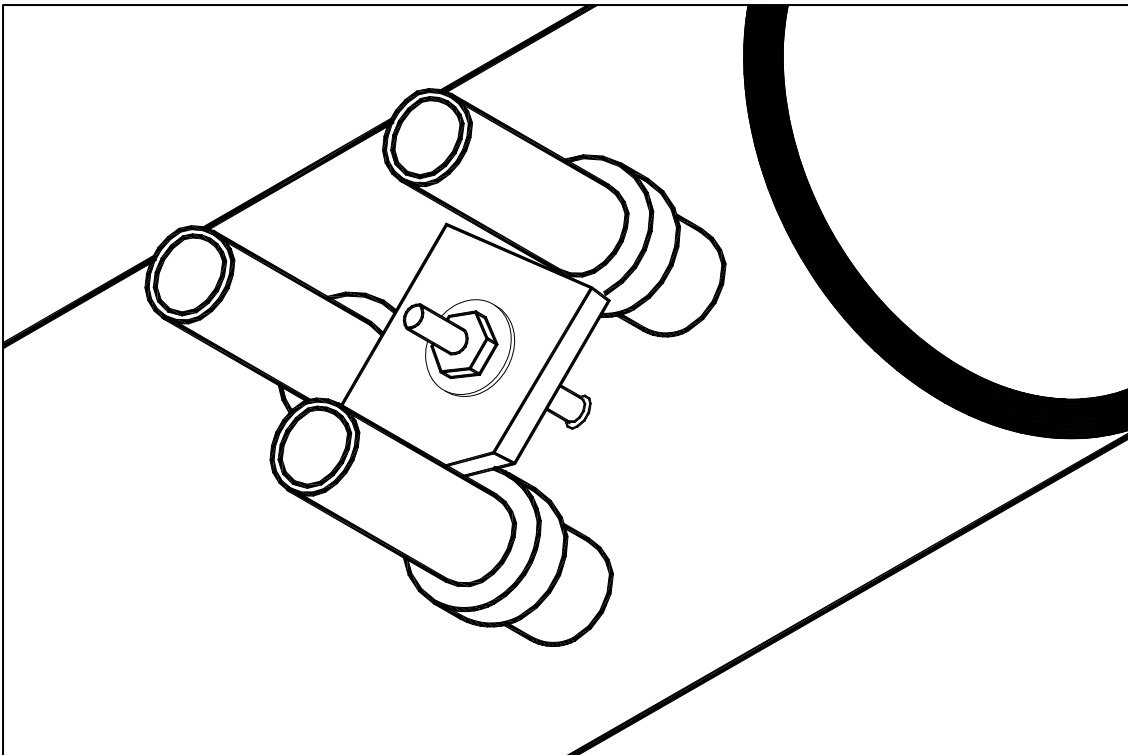




TUBE ATTACHMENT DETAIL

Models 100-2000

All tubes are riser tubes exposed to radiant heat in the furnace zone. The tubes are bent to form four (4) convection passes after the furnace zone (1st pass) to obtain maximum heat transfer. Tubes in this size range are 1 ½" O.D. x .095 wall thickness electric resistance welded steel to ASME specification SA-178 Grade A.



Each tube is fitted with a precision machined tapered ferrule and driven into a machine tapered hole in the drums. The tubes are then clamped as per the above detail to secure the joint, after which the vessel is hydrostatically tested. This method of tube attachment is standard.