

Tweco® Robotics Air-cooled Conductor Tube

The QTR series conductor tube assemblies are designed to offer rigid support and reliability. The inner tube is machined from an extruded copper tube providing excellent electrical conductivity and cool operation even under high amperage applications. The outer jacket is made from a seamless 3/4" outside diameter (OD) stainless steel tube that is insulated from the inner tube by a teflon sleeve. This forward-thinking design provides excellent di-electric properties.

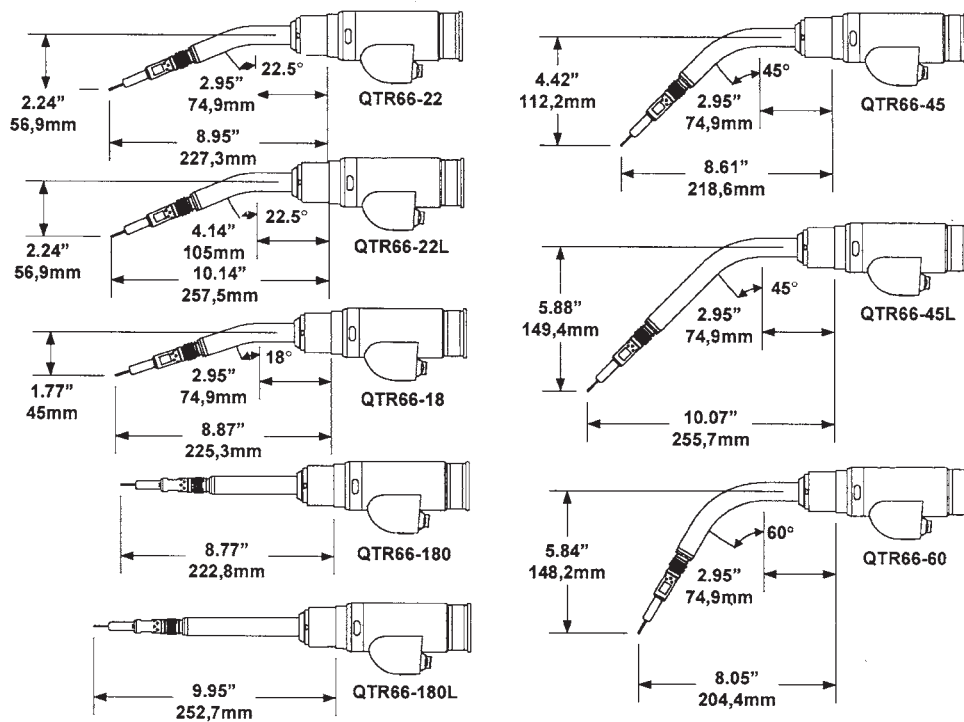
The conductor tubes are positively located into the torch body by the use of two (2) stainless steel alignment pins. These pins ensure the proper relationship with the torch body and robotic mount.

The back end of the conductor tube is made from a solid brass connection with a stainless steel alloy wear surface in the area where the tube is drawn and locked in place inside the torch block. An O-ring seal prevents the shielding gas from escaping and seals against atmospheric air contamination.

Note: QTR66 series conductor tubes are furnished with Part No. QTR56-SW (Stock No. 1560-1125) diffuser that accepts the 16RS & 16RZ contact tip.

QTR Series 600 Ampere Air-cooled Robotic Conductor Tube

	18°	22°	45°	60°	180°	22°L	45°L	180°L
Part No.	QTR66-18	QTR66-22	QTR66-45	QTR66-60	QTR66-180	QTR66-22L	QTR66-45L	QTR66-180L
Stock No.	1686-1840	1686-1841	1686-1842	1686-1843	1686-1844	1686-1845	1686-1847	1686-1846



NOTE: Wire stickout = 5/8" (15.8mm)