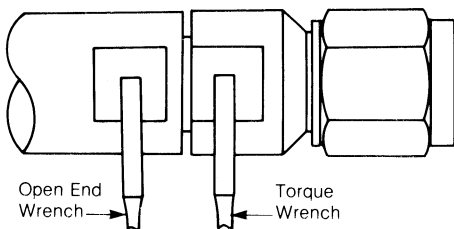
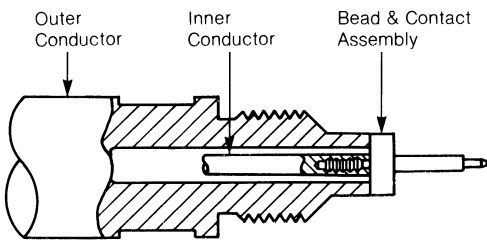
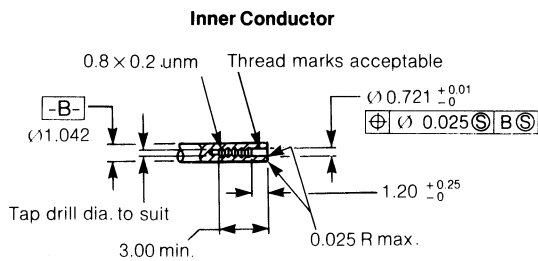
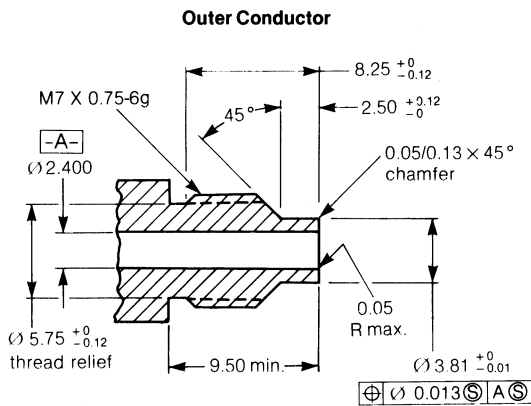


Dimensions, millimeters



Step 1

AIRLINE PREPARATION. Prepare outer and inner conductors to dimensions shown. Strict adherence to dimensional tolerances is required for precision performance.

Step 2

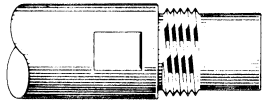
CONNECTOR ASSEMBLY. Thread bead and contact assembly into airline inner conductor until finger tight and place into outer conductor as shown.

Step 3

Carefully guide the body assembly over the bead and contact assembly and onto the airline outer conductor. Seat the airline outer conductor in the assembly. Thread the body assembly until it is finger tight.

Secure the assembly by wrench tightening the body assembly to the airline outer conductor with a torque of 2.03 inch to 2.49 N-m (18 to 22 inch pounds).

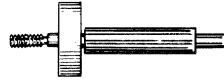
Assembly Instructions - C66 APC 3.5 Airline



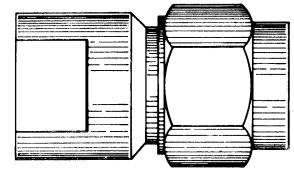
OUTER CONDUCTOR
Factory prepared P/N 131-7502



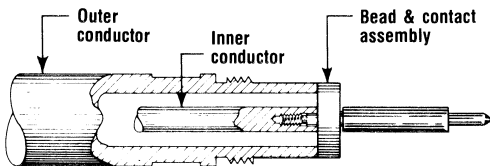
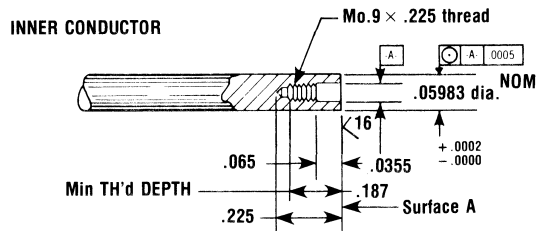
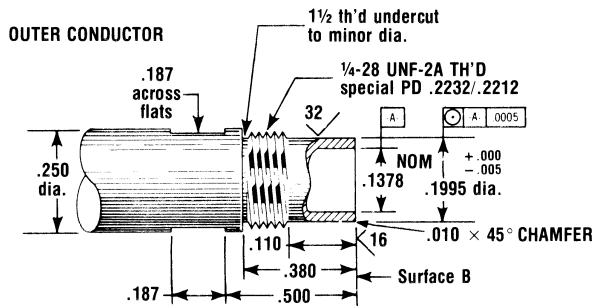
INNER CONDUCTOR
Factory prepared P/N 131-7501



BEAD & CONTACT ASSEMBLY



BODY ASSEMBLY APC-3.5



Step 1

AIRLINE PREPARATION. Prepare outer and inner conductors to dimensions shown. Strict adherence to dimensional tolerances is required for precision performance.

Surface A of inner conductor must be flush to .0005 below Surface B of outer conductor.

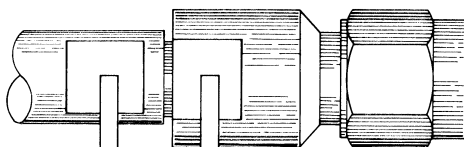
Step 2

CONNECTOR ASSEMBLY. Thread bead and contact assembly into airline inner conductor until finger tight and place into outer conductor as shown.

Step 3

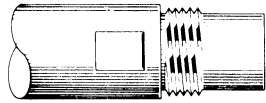
Carefully guide the body assembly over the bead and contact assembly and onto the airline outer conductor. Seat the airline outer conductor in the assembly. Thread the body assembly until it is finger tight.

Secure the assembly by wrench tightening the body assembly to the airline outer conductor with a torque of 30 inch pounds.

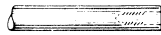


Open end wrench → ← Torque wrench

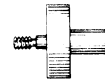
Assembly Instructions - C67 APC-7, APC-7S, APC-N Airline



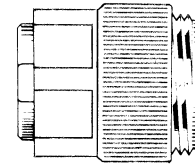
OUTER CONDUCTOR
Factory prepared P/N 131-2094-4
or precision tubing P/N 131-2027



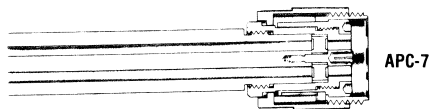
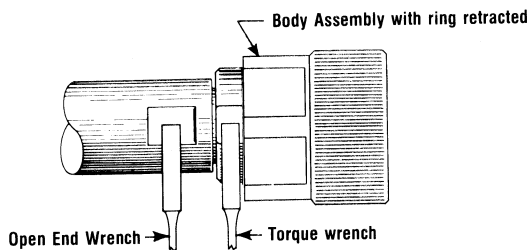
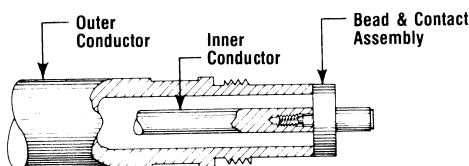
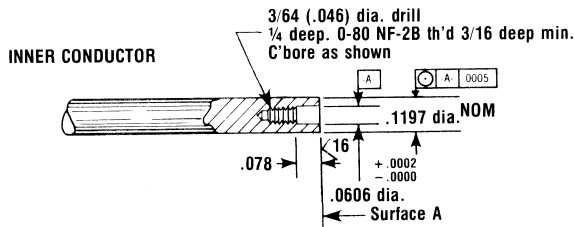
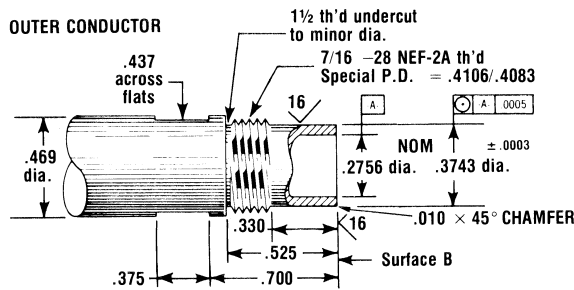
INNER CONDUCTOR
Factory prepared P/N 131-2028-4
or precision rod P/N 131-2026



**BEAD & CONTACT
ASSEMBLY**



BODY ASSEMBLY APC-7 ILLUSTRATED



NOTE: The APC-7 is used here for illustration only. These instructions also apply to APC-N to APC-7S plug and jack designs for 7mm air line.

Step 1
AIRLINE PREPARATION. Prepare outer and inner conductors to dimensions shown. Strict adherence to dimensional tolerances is required for precision performance.

Surface A of inner conductor must be flush to .0005 below Surface B of outer conductor.

Step 2
CONNECTOR ASSEMBLY. Thread bead and contact assembly into airline inner conductor until finger tight and place into outer conductor as shown.

Step 3
(APC-7 connector only — Retract the threaded retainer ring by threading it back into the coupling nut. The coupling nut should now float freely on the body assembly making the wrench flats accessible.)

Carefully guide the body assembly over the bead and contact assembly and onto the airline outer conductor. Seat the airline outer conductor in the assembly. Thread the body assembly until it is finger tight.

Secure the assembly by wrench tightening the body assembly to the airline outer conductor with a torque of 30 inch pounds.