



For related fastener hardware see F-35-79 and F-38-79 and for Wood post BCT's see F-36-79 and for Steel post BCT's see F-40-79 and F-41-79.

CABLE ASSEMBLY

SPECIFICATIONS

The swaged fitting shall be machined from hot-rolled carbon steel conforming to the requirements of A.S.T.M. A576, Grade 1035, and shall be annealed suitable for cold swaging. The swaged fitting shall be galvanized in accordance with A.S.T.M. A123 before swaging. A lock pin hole to accommodate a 1/4-inch, plated, spring steel pin shall be drilled through the head of the swage fitting to retain the stud in the proper position. After galvanizing the head may be tapped 0.023-inch over the A.N.S.I. Class 2B tolerance.

The stud shall conform to the requirements of A.S.T.M. A449 and shall be galvanized in accordance with A.S.T.M. A153. The threads shall have a Class 2A fit before galvanizing. Prior to galvanizing a 3/8-inch slot for the locking pin shall be milled into the stud end.

Wire rope shall conform to the requirements of A.A.S.H.T.O. M-30 and shall be 3/4-inch preformed, 6 X 19, wire strand core or independent wire rope core (IWRC), galvanized, right regular lay, manufactured of improved plow steel with a minimum breaking strength of 42,800 pounds.

The swaged fitting, stud, and nut (F-35-76) shall develop the breaking strength of the wire rope.

Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including its appearance and accepted manufacturing practices.

INTENDED USE

This cable assembly is used in the standard breakaway cable terminal designs as shown in Appendixes A.4 and A.5.

BCT CABLE ASSEMBLY

HM-TF-13

STANDARD

F-37-76