



# Conduit Hubs and Service Equipment

**Q: I have had difficulty determining if the use of a conduit hub is acceptable in service entrance conduit applications. How can an AHJ determine if a specific conduit hub is suitable for use with service entrance conduit?**

A: Hub type conduit fittings are Listed under the Conduit Fittings (DWTT) product category. Guide Information for this category can be found in UL's Online Certifications Directory at [www.ul.com/database](http://www.ul.com/database) and on page 108 of the 2009 White Book. These products are investigated using the ANSI/UL 514B Standard for Safety for Conduit, Tubing, and Cable Fittings.

Grounding and bonding hubs that are intended for installation with service entrance conduits or for circuits rated over 250-volts are first Listed as conduit fittings under DWTT. Additionally, they are Listed under the Grounding and Bonding Equipment (KDER) product category. Guide Information for the KDER category can be found in UL's Online Certifications Directory and on page 194 of

the 2009 White Book. The basic standard used to investigate products in this category is ANSI/UL 467, the Standard for Safety for Grounding and Bonding Equipment.

The key indicator for determining if a conduit hub has also been evaluated as a grounding and bonding hub is the presence of a locknut. Grounding and bonding hubs are provided with a Listed grounding or bonding locknut. These hubs serve in a manner similar to grounding and bonding bushings except they are only for use with threaded rigid metal and intermediate metal conduit. Grounding hubs provide the electrical continuity required by the National Electrical Code® (NEC®) Section 250.92 at service equipment and the electrical continuity required by NEC® Section 250.97 for circuits rated over 250 volts.

UL updated the guide information in September 2008 for both DWTT and KDER product categories to clarify the difference between these types of conduit fittings.