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## CD Numbers

**What is a CD number?** Consolidated Design (CD) numbers are assigned to specific shapes of pintype glass insulators, regardless of the manufacturer, embossing or style number. Minor variations in size or detail do not affect the CD number assigned to an insulator. The CD numbering system is designed to provide a concise way for collectors to refer to these shapes. This system is universally adopted by all collectors, and is used extensively in all aspects of the hobby.

CD numbers start at 100, and may be followed with a decimal point and a single digit. CD 154 and CD 128.4 are examples. CD numbers are grouped into ranges of numbers, or CD styles, that represent insulators with similar characteristics. Generally within a CD style, a smaller CD number represents a smaller insulator. A more detailed breakdown of these CD styles can be found in this section. Note that lightning rod and radio strain insulators are not included in this CD numbering system.

### Insulators Found In Josephine County

- **Collins Line** CD 736, CD 723, and Wood-Block Rams Horn Insulator.
- **Oregon & California Railroad** Original insulators - CD 126 & 127 Brookfield “blob tops”.
- **Postal Telegraph Company** Original insulators - CD 133 Brookfields, later insulators: CD 145, CD 208, CD 210, CD 154, and CD 153 48-40's.
- **AT&T Long Distance Telephone Lines** CD 152 Hemingrays, CD 154 Hemingrays, and CD 208 Hemingrays.
- **Local Phone Service Lines** Rumored - CD 123 EC&Ms.

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## CD 100 To 375

### CD 100 to 375 - North American Threaded Pintype Insulators

These CD styles are generally grouped by the number of petticoats the insulator has (single, double, triple), and the type of wire groove and placement (side wire groove, saddle groove, cable top).



*CD 145  
Brookfield*

### CJOW Magazine

<http://www.crownjewelsofthewire.com/>

- CD 100 to 144 - side wire groove, single petticoat
- CD 145 to 184 - side wire groove, double petticoat
- CD 185 to 189 - pinhole goes through the insulator
- CD 190 to 205 - transpositions - multiple grooves and may consist of a pair of insulators mounted on a single pin
- CD 206 to 249 - saddle groove, double petticoat
- CD 250 to 279 - cable top, single or double petticoat
- CD 280 to 289 - side wire groove, triple petticoat
- CD 290 to 309 - saddle groove, triple petticoat
- CD 310 to 314 - sleeves (used to protect the pins on multipart insulators)
- CD 315 to 334 - umbrella type large power pieces, one-piece
- CD 335 to 375 - umbrella type large power pieces, multi-part cemented together

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## More Information

**The Crow Jewels Of The Wire (CJOW)** magazine is dedicated to the collectors of historic glass and porcelain insulators used by telegraph, telephone and electric power utilities. Its web site includes information on CD numbers.



*CD 133  
Brookfield*

**Insulator Brochure Series** This brochure is number four of several in the “insulator” series numbered 1 through 11. Most importantly, the insulator series is all about Josephine County, Oregon, insulators. The series will be continued with adventures in the field.

1. Insulators of Josephine County
2. Crown Jewels Of The Wire
3. Anatomy Of An Insulator
4. ***Insulator CD Numbers***
5. Collins Line
6. Oregon & California Railroad
7. Postal Telegraph Company
8. AT&T Long Distance Telephone Lines
9. Local Phone Service Lines
10. Power Lines
11. First Insulators of Hugo Neighborhood

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## Hugo Neighborhood Association & Historical Society's Mission

This information brochure is one of a series of documents published by the Hugo Neighborhood Association & Historical Society (*Hugo Neighborhood*). It is designed to be shared with neighbors for the purpose of helping protect our rural quality of life by promoting an informed citizenry in decision-making. The *Hugo Neighborhood* is an informal nonprofit charitable and educational organization with a land use and history mission promoting the social welfare of its neighbors.

### Land Use & History

The *Hugo Neighborhood's* land use mission is to promote Oregon Statewide Goal 1 — Citizen Involvement, and by preserving, protecting, and enhancing the livability and economic viability of its farms, forests, and rural neighbors. It will act, as requested, as a technical resource assisting neighbors to represent themselves.

Its history mission is to collect, preserve, interpret, and research its local history and to encourage public interest in the history of the Hugo area.

Membership dues are \$10.00 annually and due in January. They are used for paper, ink, envelopes, publications, and mailings. Make checks to the *Hugo Neighborhood* and send them to our Treasurer.

*Hugo Neighborhood*

Email: [hugo@jeffnet.org](mailto:hugo@jeffnet.org)

Web Page: <http://jeffnet.org/~hugo/>

Edited by Howard Banks, Norbert Tieman, & Mike Walker

Howard Banks, Editor  
Crown Jewels of the Wire  
1560 Hugo Road  
Merlin, OR 97532  
541-479-8348

Norbert Tieman  
5575 Tunnel Loop Road  
Grants Pass, Oregon 97526  
541-479-6774

Mike Walker, Education Chair  
Hugo Neighborhood  
3388B Merlin Rd #195  
Grants Pass, Oregon 97526  
541-471-8271  
Email: [hugo@jeffnet.org](mailto:hugo@jeffnet.org)

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Insulator CD  
Numbers



Brochure 4 in Insulator Series



*Oregon & California  
Railroad CD 126 Blob Top*

**March 19, 2006**

by

**Hugo Neighborhood Association &  
Historical Society**

&

**Crown Jewels Of The Wire**