

**BELL SYSTEM PRACTICES**  
**Outside Plant Construction**  
**and Maintenance**

**SECTION G82.450.1**  
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## MASONRY DRILL HOLDERS

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### 1. GENERAL

1.01 This section covers the standard drill holders that are used with L Masonry Drills in connection with hand and power drilling of masonry walls.

1.02 Each drill holder is furnished with an ejector (drift pin) which facilitates removal of drills from the holder.

1.03 **Precautions:** Observe the following precautions in the use of masonry drills and holders.

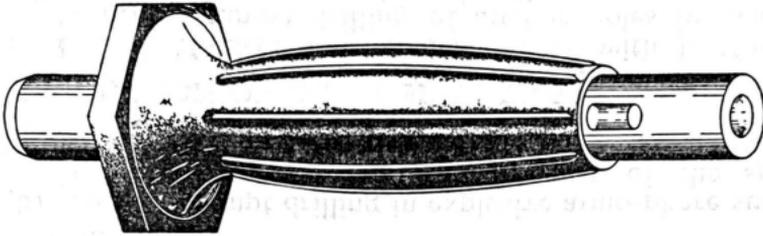
(a) When drilling holes in masonry walls, **goggles shall be worn** to protect eyes from flying chips and other foreign substances.

(b) Do not attempt drilling in explosive atmosphere such as is found in gassy manholes because of the sparks thrown off by the drilling.

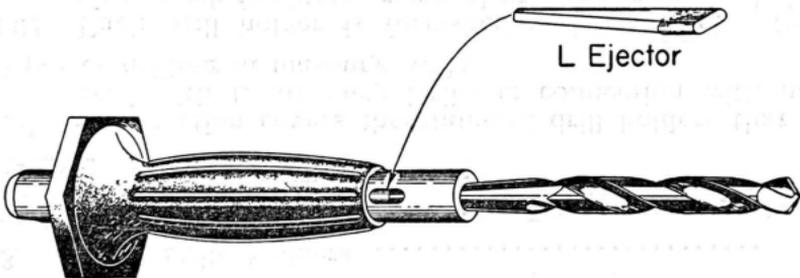
### 2. DESCRIPTION OF DRILL HOLDERS

2.01 **L Drill Holder:** This holder is used with L Masonry Drills in manual drilling of anchor holes in masonry walls. It is made of round tool steel with a tapered socket in one end for drills and a beveled striking head on the other end. A soft rubber grip is molded around the holder to facilitate

holding and turning during hand drilling operations. The L Drill Holder is illustrated below:

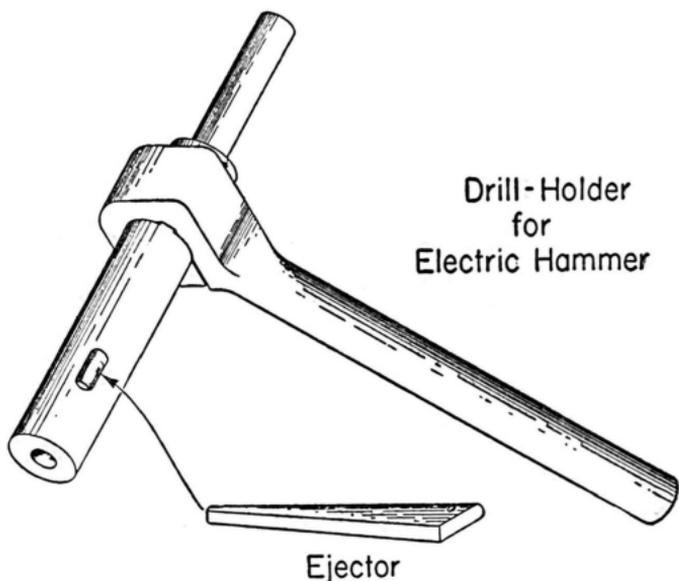


L Drill-Holder



L Drill-Holder with L Masonry Drill

**2.02 Drill Holder for Electric Hammer:** This holder is used with L Masonry Drills in connection with power drilling of holes by means of an electric hammer. It has a socket end to receive L Masonry Drills while the other end fits into the electric hammer. The handle on the holder helps to steady and guide electric hammer assembly while drilling.



Drill-Holder  
for  
Electric Hammer

Ejector

### 3. USE OF DRILL HOLDERS

3.01 Use only drilling hammers for striking L Drill Holders during hand drilling operations. The large end of the hammer is best suited for striking purposes. When drilling in masonry walls, apply light hammer blows and turn drill slightly between blows for best results. This procedure will require less physical effort and results in faster and cleaner hole drilling.

3.02 Drill Holders for Electric Hammer are used generally in drilling for wall attachments for house and block cables on inside and outside masonry walls. They are also used in connection with fastening cable racks in manholes, cable vaults, etc.

### 4. CARE OF DRILL HOLDERS

4.01 Each workman should assume responsibility for the working condition of drill holders assigned to him.

4.02 The striking ends of L Drill Holders are made purposely softer than striking hammers and will, therefore, spread-over or mushroom with continued use. When the mushrooming begins to show signs of cracking, the holder should be considered unfit for further use and should be returned for replacement.

4.03 Holders when not in use should not be left lying around in public places. Store them away in their proper place.