

Fire Department Connection Basic Requirements

- **5" Storz on a 30° Return Bend**
- **Remote from the Building as Approved by the Fire District**
- **The top of the Connection Shall be Between 36" – 48"**
- **Within 150 Feet of the Closest Hydrant**



GUARDIAN
FIRE EQUIPMENT, INC.

6600 Series
Storz Fire Dept. Connections
and Dry Hydrants

Storz Connections

Function

- Used as auxiliary connections through which the fire department can pump water to supplement existing water supplies.

Features/Components

Straight and 30° Angle Pattern Adapters

- Locking Storz Inlet x Female NPT outlet, forged aluminum with powder coat finish

Optional Components:

- Identification plate - refer to Models 6454/6456 (page 64)
- Storz caps - refer below

Free-Standing Types

- Straight pattern Storz adapter with Storz cap, forged aluminum with powder coat finish and galvanized steel elbow.

Components:

- Brass identification plate lettered as required ("Auto Spkr", "Standpipe", or "Auto Spkr & Standpipe") and 18" high cover sleeve
- Rough chrome plated* finish

30° Angle Pattern



6624-6629

Free-Standing Type



6634-6638

*Optional polished chrome plated finish, add suffix - **D** to model no.

30° Angle Model No.	Free-Standing	Size
6625	6635	4" NPT x 5" Storz
6628	6638	6" NPT x 5" Storz

FDC/Hydrant Protection and Security for Storz Connections



The Knox Storz Lock cap protects large diameter fire department connections from accidental damage, vandalism and physical attack. Since the cap holds water pressure, it can be installed on hydrants. Cap is available in 4" and 5" configurations and is operated with a Knox Keywrench controlled by the fire department.

The Knox Storz Lock is made with forged materials to meet the original DIN Standards. Therefore, the cap may not fit properly onto a connection made of cast materials. Additionally, it is also compliant with NFPA 1963 Standard for Fire Hose Connections. To ensure the Knox Storz Lock fits properly, the Knox Company strongly encourages the use of connections that meet the adapter specifications listed. See Figure 1.

Features

- Visible locked/unlocked indicator
- Water-tight
- Machined 6061-T6 aluminum
- Authorized by 2018 IFC and IBC (Chapter 912.4.1)

Benefits

- Supplies long-term FDC protection against vandalism
- Reduces unauthorized cap removal and cap theft
- Assures clean fire department connection lines
- Reduces sprinkler contractor service calls to flush system
- Discourages water theft

Figure 1



30° Elbow Adapter Shown

Adapter Ordering Specifications

The Storz adapter shall have a hard anodized aluminum metal face or Nitrol lip gasket type seal and hard anodized aluminum Storz ramps and lugs. The adapter's finish shall be hard anodized to Mil-A8625f, Type 3, dark grey. The adapter shall be made of forged or extruded 6061-T6 aluminum secured to the pipe by (3) 5/16" stainless steel set screws, inserted 120 degrees apart.

WARNING: This product must be installed by Authorized Fire Department representative or Fire Department-Authorized Contractor only. This is a security product that requires a special fire department keywrench to lock the cap in place. Unauthorized installation may result in improper locking of the cap. An improperly locked cap may be subject to removal by unauthorized personnel.

Knox® Rapid Entry System

The Knox Company manufactures a complete line of high security products including Knox-Box key boxes, key vaults, cabinets, key switches, padlocks, locking FDC caps, plugs and electronic master key security systems. For more information or technical assistance, please call Customer Service at 1-800-552-5669.

Storz Lock Ordering Specifications

To insure procurement and delivery of the Knox Storz Lock, it is suggested that the following specification paragraph be used:

Knox Storz Lock locking sprinkler/hydrant cap made of anodized aluminum.

Sizes: 4-inch and 5-inch
 Construction: Aluminum
 Lock: Locks with a proprietary Knox Keywrench
 Finish: Dark, hard anodized aluminum
 P/N: 4-inch - 5001; 5-inch - 5002 (mfr's cat. ID)
 Mfr's Name: KNOX COMPANY