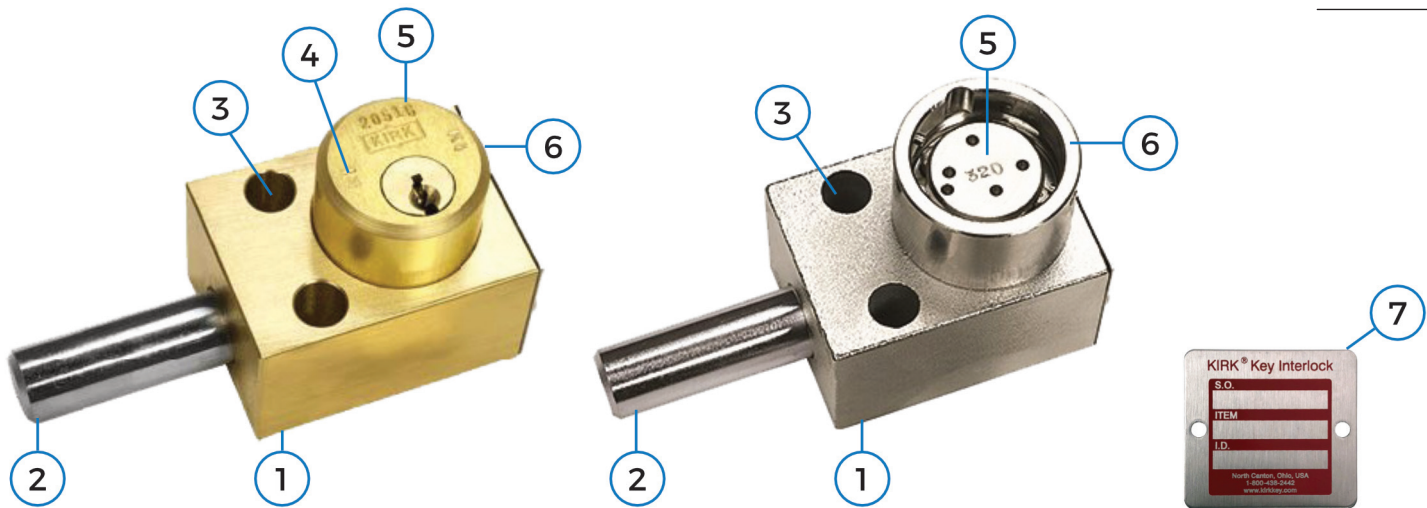


# KIRK Interlock Terminology



Part of the  
Sentric Group



## NOTES:

- 1) Housing
- 2) Locking Bolt
- 3) Mounting Holes
- 4) Key Interchange (The Interchange for the HD Series is located on the key)
- 5) Cylinder Combination Number
- 6) Lock Cylinder
- 7) Nameplate

## WHAT IS A TRAPPED KEY INTERLOCK?

A trapped key interlock is a safety device applied to two or more movable parts. Fixed mounted on the part/equipment, the interlock prevents or allows a pre-determined operation to be performed based on the position of the interlock bolt. A single trapped key interlock is only part of a full trapped key interlock safety solution, as two or more interlocks are required to ensure a pre-determined set of safety operations are performed in sequence. This eliminates human error, ensures the safety of workers, and mitigates damage to equipment.

## ORDERING

When ordering an interlock system, the following information is required:

- Series of interlock(s) – SD Standard Duty brass housing or HD Heavy Duty stainless steel housing
- Type of interlock(s) required and quantity
- Keying and Sequencing information for interlock(s)
- Key interchange information at time of ordering is assigned by the customer and allows KIRK to clearly understand the keying and sequencing of a trapped key solution. Assigning an interchange(s) to each of the interlocks identifies which interlocks are to be keyed alike. Key Interchanges are made up of 1-5 alphanumeric characters. The Key Interchange can also be stamped on the key and cylinder during manufacturing per customer request.
- Bolt length for interlock – bolt length always references the length in the withdrawn position and travel is always  $\frac{3}{4}$ "
- Key removable positions
- End User of interlock(s) – KIRK assigns key codings based on this information and maintains records to mitigate duplications at locations
- Coordination information if interlock(s) being ordered are coordinating with an existing interlock system

## SERIES & KEYS

### SD SERIES

The SD Series interlocks feature the traditional keyed brass interlock design. It is manufactured of a brass interlock housing and a 303 stainless steel lock bolt. The keys are a 7-pin nickel-silver key and brass tumbler lock cylinder. The SD Series is best suited for indoor applications and moderate industrial environments and temperatures. The SD series key contains key interchange and key coding information. The Key Interchange (ex. ABC12) is optional and is stamped on the cylinder and key. The Cylinder Combination Number (ex. 62187) and Key Way (ex. W2) are always stamped on the key. The Cylinder Combination Number (ex. 62187) is also stamped on the cylinder.

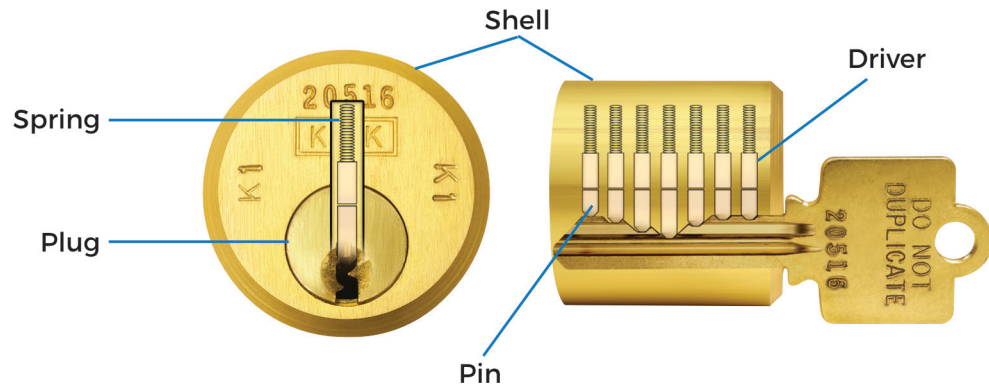


### HD SERIES

The HD Series is made entirely of electropolished 316 stainless steel and offers high performance standards in high temperature and/or corrosive environments. HD Series trapped key safety interlocks are the ideal choice for applications that require continuous operation in harsh industrial environments. The HD series key contains key interchange and key coding information. The Key Interchange (ex. ABC12) is optional and is stamped on the key and optional flip cover. The Cylinder Combination Number (ex. 12345) is stamped on the key and the cylinder.



## CYLINDER TERMINOLOGY



## INTERLOCK ORIENTATION



**Normal Orientation (1-3) (Right-Handed)** - The lock cylinder is to the right of the locking bolt.

**Opposite Hand Orientation (4) (Left-Handed)** - The lock cylinder is to the left of the locking bolt.  
To order an interlock opposite-hand, place an "H" in the appropriate column of the interlock part number.

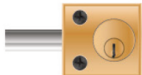
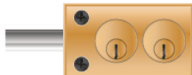








Only applicable to SD Series Interlocks

## KEY REMOVABLE POSITIONS

### SD SERIES

E's & W's reference the key removal position in relation to the lock bolt position.











The pictures below are examples of how the part number and the E's & W's are represented in the part number.

1 Cylinder E Key Removable Extended	2 Cylinders E E Keys Removable Extended	2 Cylinders E W 1 Key Removable Extended	3 Cylinders E W W 1 Key Removable Extended	3 Cylinders E E W 2 Keys Removable Extended
				
				
Key Trapped Withdrawn <b>KFL002510</b> -----	Keys Trapped Withdrawn <b>KFL002520</b> -----	1 Key Removable Withdrawn <b>KFL002521</b> -----	2 Keys Removable Withdrawn <b>KFL002532</b> -----	1 Key Removable Withdrawn <b>KFL002531</b> -----

### HD SERIES

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## CONTACT INFORMATION

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