



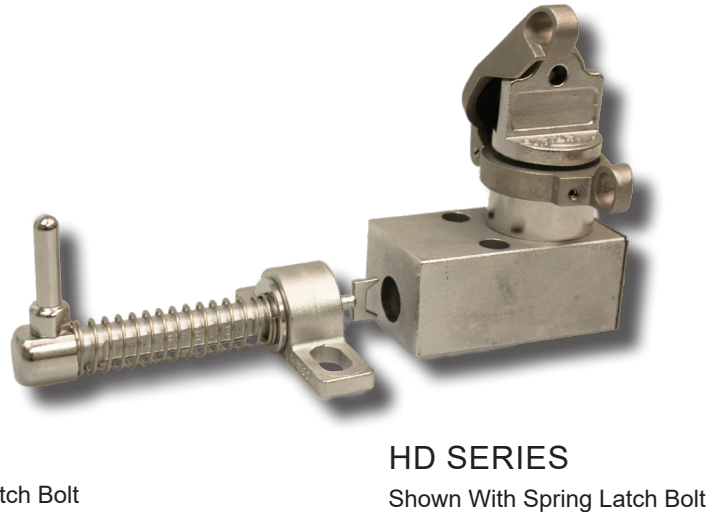
WWW.KIRKKEY.COM

SPECIFICATION DATA SHEET

TYPE DM - ACCESS DOOR INTERLOCK



SD SERIES
Shown With Chain Latch Bolt



HD SERIES
Shown With Spring Latch Bolt

The Type DM access door interlock is designed for hinged doors, manhole covers, sliding doors or any sort of hatch or lid. It is well suited for loose fitting doors or hatches that will not accommodate a precise fitting door lock. The Type DM consists of a main body and a latch bolt with twelve links of 316 stainless steel chain. The lock body can be mounted to the equipment and the chain can be bolted or welded to the door or hatch with the proper amount of "slack" for the latch bolt to reach the DM lock body. Under normal conditions the key is upstream in the interlock scheme and the chain/bolt is trapped in the lock securing the door in the closed position. The latch bolt cannot be released until the key is inserted and turned. Only then can the latch bolt be rotated 1/4 turn and released from the lock – thereby trapping the key. The door or hatch must be closed and the latch bolt must be returned to the lock body in order to free the key. The interlock housing is made from brass and the latch bolt is made from 316 stainless steel. All components of the HD Series Type DM interlock are made from electropolished 316 stainless steel. Both the SD and HD Series have a gasket to protect against the introduction of dust and dirt into the lock body.

OPTIONS

Key Removable - the single cylinder Type DM is always built key removable "E", which means the key is released only when the latch bolt is trapped in the lock body (door locked).

Multi-Cylinder - up to 2 cylinders available. The first cylinder will always be "E". A two cylinder DM interlock requiring two keys to unlock should designate "E" for both cylinders. If the second cylinder of a two cylinder DM is to provide a personell key that is available when the door is unlocked, designate that cylinder as key removable "W". ("E" keys are trapped when the door is unlocked, "W" keys are trapped when the door is locked.)

Stamp Key Interchange - specify an alphanumeric code to be stamped on the cylinder face and the key (e.g. A1, A2, B1, etc. - up to 5 characters). See Data Sheet for Keys (3.4) and Terminology (4.1) for details.

Bolt Type - Spring bolt or chain bolt

Auxiliary Switches - see Data Sheets for Type Thermoplastic (2.3), Type S (2.4) and Type K (2.5) for details.

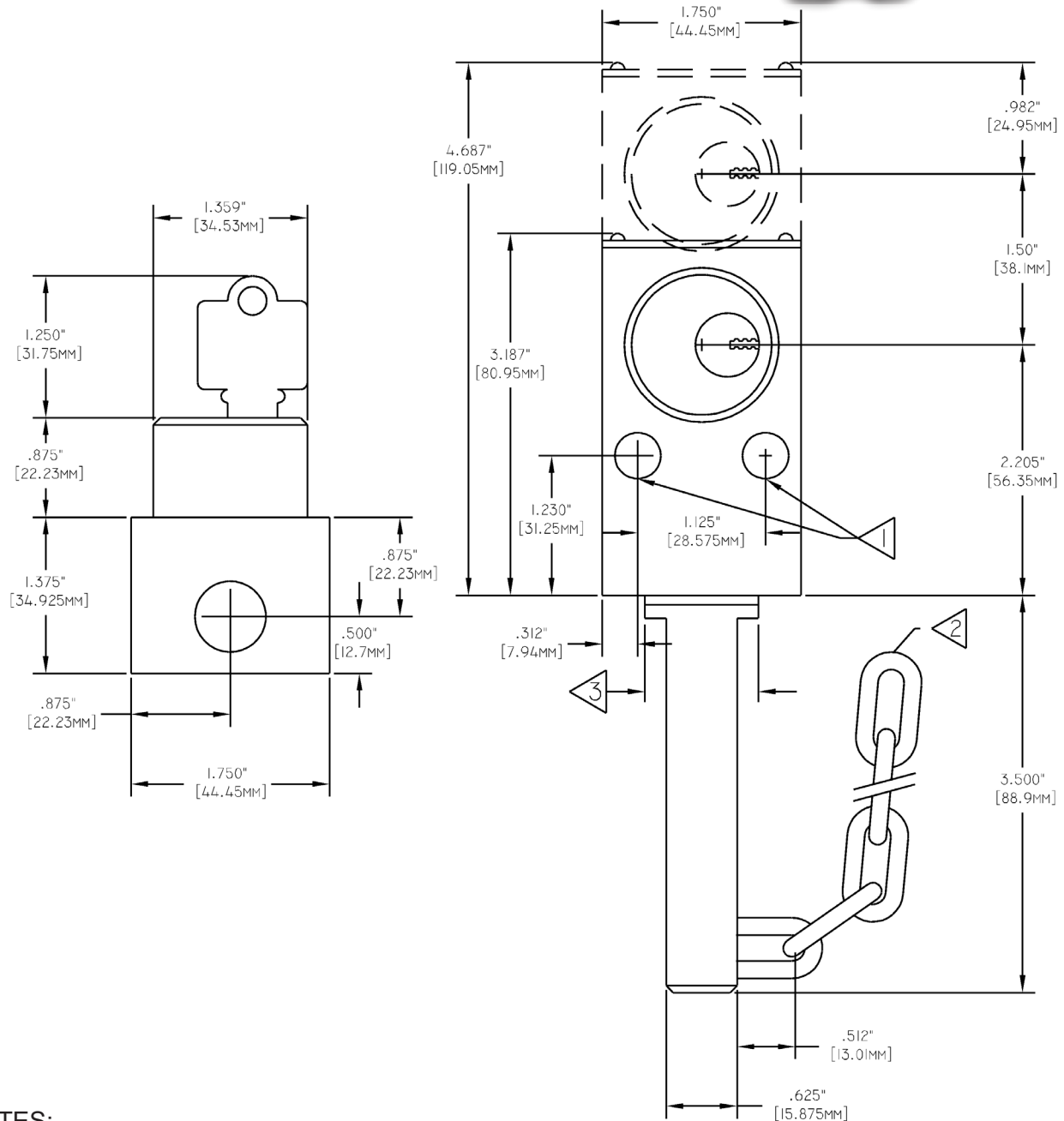
Protective Covers - see Data Sheet for Protective Covers (3.1) for details.

Mounting Bolts - see Data Sheet for Mounting Bolts (3.2) for details.

DM2 and DM4 Adapter Plates – see HD Series Data Sheet for Type DM- Mounting Options (1.5B) for details.

Caution: The Type DM interlock should not be used as the latching means for holding the door, hatch, or cover in the closed position.

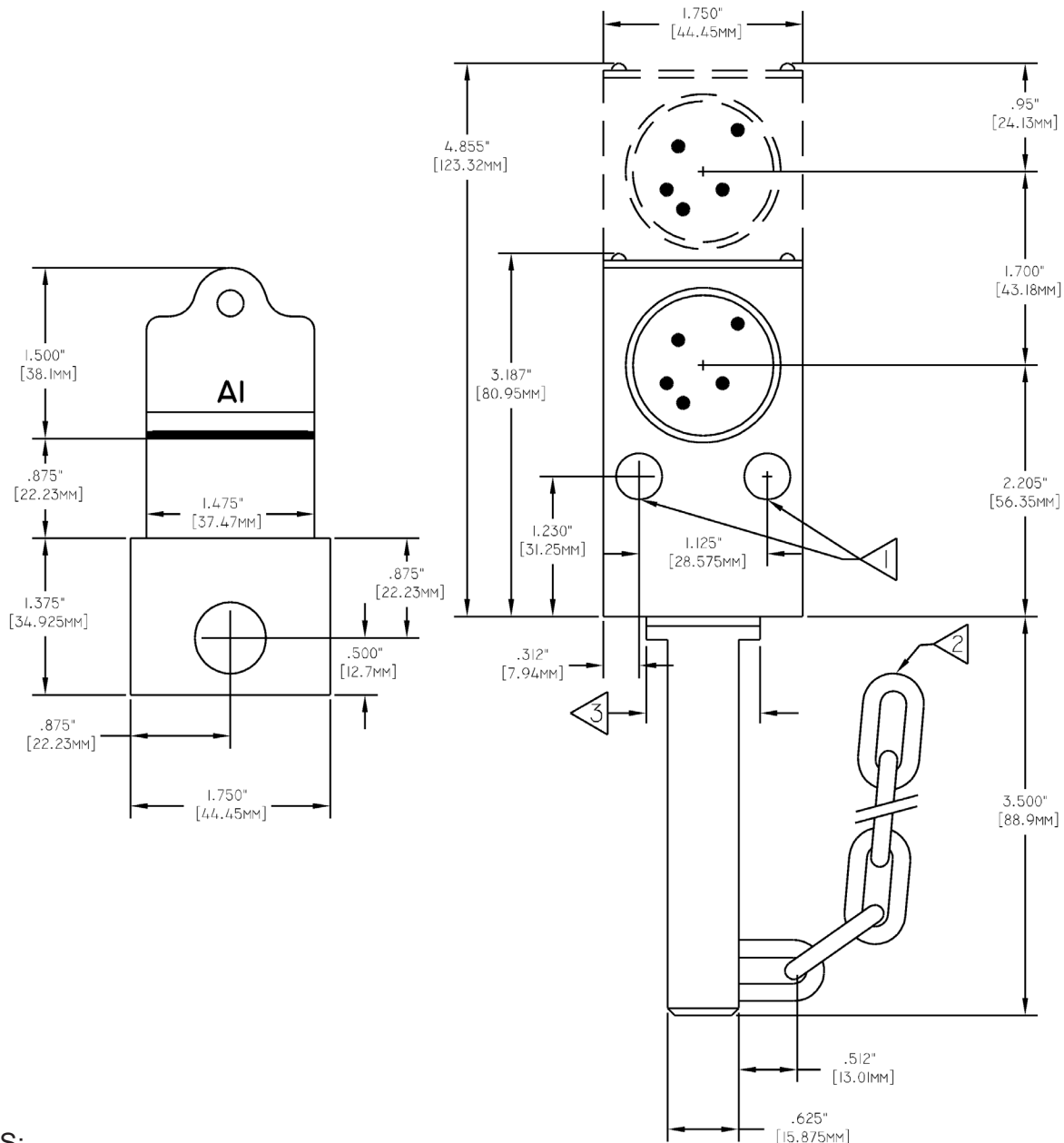
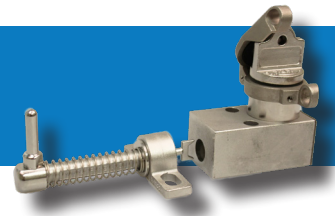
A brass padlock with a key inserted into the top, attached to a metal chain. The padlock is rectangular with two circular holes on the front face. The chain is made of interlocking metal links. The background is a solid blue color.



1) 0.4062" (10.32mm) holes (2) for mounting bolts.

3) 1" (25.4mm) diameter collar and gasket.

HD SERIES TYPE DM DRAWING



NOTES:

- 1) 0.4062" (10.32mm) holes (2) for mounting bolts.
- 2) 12 links of chain (approx. 11"). Field weld chain to door or jamb. Allow 1" (25.4mm) slack.
- 3) 1" (25.4mm) diameter collar and gasket.

Caution: The Type DM interlock should not be used as the latching means for holding the door, hatch, or cover in the closed position.

TYPE DM ORDERING GUIDE

Part Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	D	M	-	-	-	-	-	-	-	-	-	-	-	-	-

1	Series	K = SD Series S = HD Series									
4	Auxiliary Switch Refer to pages 25-27 for more information	0 = none A = 2 N/C 1 N/O									
8,9	Cylinder(s) Type DM is available for up to 2 cylinders	SD Series					HD Series				
		1	0	= E 1 CYL			1	0	= E 1 CYL		
		2	0	= EE 2 CYL			2	0	= EE 2 CYL		
		2	1	= EW 2 CYL			2	1	= EW 2 CYL		
10	Stamp Key Interchange	- = No S = Yes									
12	Protective Covers	- = No C = Push On F = Flip Open (Push On cover only available for SD series)									
13	Mounting Bolts	- = No M = Hex T = Tamperproof									
14	Adapter Plate	- = No P = DM2 Adapter Plate									
15	Reverse	R = Reverse switch housing relationship (Not available with Auxiliary Switch options A or B)									

The Type DM Interlock ships with a chain latch bolt unless the spring latch bolt is requested.