



### 1850 SERIES MAXIMUM SECURITY LAMINATED DEADLOCKS/HOOKBOLTS

- For single leaf doors where the gap between door and jamb is large
- Accepts standard mortise cylinder
- Steel with corrosion resistant plating
- Case size: 1" x 6"



**HOOKBOLT**



**LONG THROW DEADLOCK (A)**

MFG #	BACKSET	FINISH	EZ #
<b>LONG THROW DEADLOCK: 5/8" X 1-3/8" THROW</b>			
MS1850S110 628	7/8"	Aluminum	025812
MS1850S410 628	1-1/2"	Aluminum	025815
<b>LONG THROW LESS FACEPLATE DEADLOCK</b>			
MS1853A 210	31/32"	—	035010
MS1853A 310	1-1/8"	—	035012
<b>SHORT THROW DEADLOCK: 5/8" X 13/16" THROW</b>			
MS1850S220 628	31/32"	Aluminum	067343
MS1850S320 628	1-1/2"	Aluminum	067344
<b>HOOKBOLT: 5/8" X 13/16" THROW</b>			
MS1850S150 628	7/8"	Aluminum	025817
MS1850S450 628	1-1/2"	Aluminum	025820
<b>HOOKBOLT LESS FACEPLATE: 5/8" X 13/16" THROW</b>			
MS1853A 250MC	31/32"	—	035011
MS1853A 350MC	1-1/8"	—	035013

### 2190 SERIES DUAL FORCE® INTERCONNECTED DEADBOLT/DEADLATCH

**BHMA**  
CERTIFIED  
GRADE 1



- Interconnected deadbolt and deadlatch operate with a single motion release
- Meets the most stringent building code egress requirements
- Electrified lever option for access control
- Re-handable
- Clutched exterior lever trim
- Passage mode lever sets available for interior doors
- FaceStyle adaptable faceplate system
- Retrofits to MS® prepped doors
- Key controlled extension of deadbolt and latch holdback
- Positive latching for energy efficiency
- ANSI/BHMA Type E82101 Grade 1

MFG #	BACKSET	FINISH	EZ #
<b>WITH TRIM SET</b>			
2190 311 101 32D	1-1/8"	Satin Stainless	102659
<b>WITH ELECTRIFIED TRIM SET</b>			
2190 311 201 32D	1-1/8"	Satin Stainless	102661

### THE STEEL HAWK 4300 ELECTRIFIED LATCH

A



**BHMA**  
CERTIFIED  
GRADE 1



- The easiest way to electrify an aluminum entrance door
- Non-handed right out of box due to it's patented two-way winged technology
- Interfaces with existing Adams Rite handles, paddles and the new 4600 designer series handles
- Adapts to 12, 16, 24 VDC
- All steel construction with stainless steel latchbolts
- Retrofits to MS® prep
- Direct replacement for 4900/4500/4700 deadlatches using the same strike
- Optional locked/unlocked status monitor switch
- All steel construction with stainless steel latchbolts
- Works with existing handles, paddles and new 4600 designer series handles
- WHI listed, UL 1034
- Exceeds ANSI/BHMA Grade 1 requirements

MFG #	BACKSET	EZ #
4300 20 201 628	31/32"	104334
4300 30 201 628	1-1/8"	104335

### 4513 SERIES STANDARD DUTY DEADLATCH



- Cylinder backset: 7/8", 31/32", 1-1/8" or 1-1/2" by special order
- Case: steel with corrosion-resistant plating 1" x 5-13/16" x depth
- Flexibility of traffic control during and after business hours; a reverse turn of the key while bolt is held retracted retains the bolt, to allow two-way traffic for hospitals, banks, stores and other buildings which require free entrance at certain times and exit-only at other times
- Interchangeable, without stile modification, with any MS1850A or MS1850S deadbolt of same backset and faceplate shape (They do not, however, provide the same maximum security level as the MS® deadbolt)
- Latch bolt: 1/2" x 1" x 1/2" throw, all metal with hardened steel internal pins
- Handing is reversible without special tools
- Auxiliary bolt: All metal, deadlocks latch bolt to prevent case-knife entry

MFG #	BACKSET	HAND	EZ #
4513 15 7/8	7/8"	Left	085473
4513 25	31/32"	Left	035025
4513 26	31/32"	Right	035026
4513 35	1-1/8"	Left	035027
4513 36	1-1/8"	Right	035028