Wedge SurfaceMax™

The Industry Leading, Tamper Resistant Swinging Door Locking System

PRODUCT OVERVIEW

With its patented and patent-pending technology, the Wedge SurfaceMax™ was designed to counter common escape methods on swinging doors. The Wedge SurfaceMax will add Grade 1 lock security to existing hollow-metal doors and frames or can also be utilized in new construction applications.

KEY FEATURES

- **Patented Visual and Audible Tamper Alarm** notifies officers when the lock is being manipulated.
- **Patented Gripper** prevents common defeat methods, such as carding or sheeting.
- **Double-offset** of latch and roller bolt prevents inmate access to these locking components.
- **Local indication LED** provides security status of each door.
- **Hollow body and clean-out port** make it difficult to pack debris in the strike receiver.

ADDITIONAL CAPABILITIES

- **Interlocking Cover:** Combined with carriage bolt attachments and an astragal overlapping the covers, the patent-pending, tamper resistant design features an interlocking cover that will reduce tampering and prevent unauthorized access to the locking system components.
- **Lock Cylinder Floating Plate:** A patent-pending floating plate behind the lock cylinder tightens gaps that could be used to hide contraband or damage the lock.
- **High-Intensity LED Light**: Superior LED projection is achieved with a single-piece light bracket and a rigid foam backer, which prevents liquid intrusion. This provides enhanced visibility of the tamper alarm and local indication.
- **Stainless Steel Construction**: Available **stainless-steel construction** ensures the product remains free from rust and corrosion, even in humid environments or areas with frequent moisture exposure. This maintains the Wedge's integrity and appearance over time, eliminating the need for painting.
- **Self-fixturing design**: New mounting approach reduces the need for welding and grinding, shortening installation time. This leads to faster installations and lower labor costs, optimizing project timelines and budgets.
- **LatchGuard:** Patent-pending latch-bolt design eliminates gaps, preventing the stuffing of foreign material into the lock body commonly seen in other locks. (Optional Feature)



Upgrade your facility's safety and security with the Willo Wedge SurfaceMax — engineered to meet the rigorous demands of today's corrections environment.

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