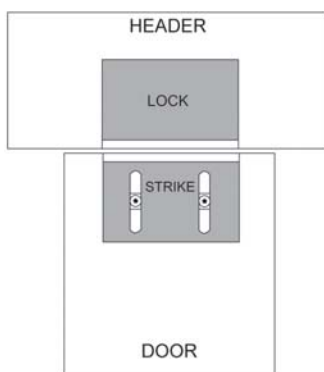




# SAM-Shear Aligning Magnalock®



**Application** - 1200 lb. holding force Shear Aligning Magnalock mounts fully concealed into wood, steel or aluminum doors. SAM can also be installed in any position on the door - top, side or bottom and is ideal for swing through and sliding doors.

## Features and Benefits

- Patented instant release circuit - no residual magnetism
- Mounts easily with a minimum of tools
- Fully sealed electronics - tamper proof and weatherproof
- Mounted using steel machine screws
- Architectural brushed stainless steel finish (US32D/630)
- All ferrous metal surfaces plated to MIL specification
- Hardware accessories available to configure any opening type including mounting brackets
- Ten feet [3.05m] of jacketed, stranded conductor
- Automatic dual voltage - no field adjustment required
- Lock options include *BondSTAT magnetic bond sensor and integrated door position switch*
- UL Listed

## Specification Data

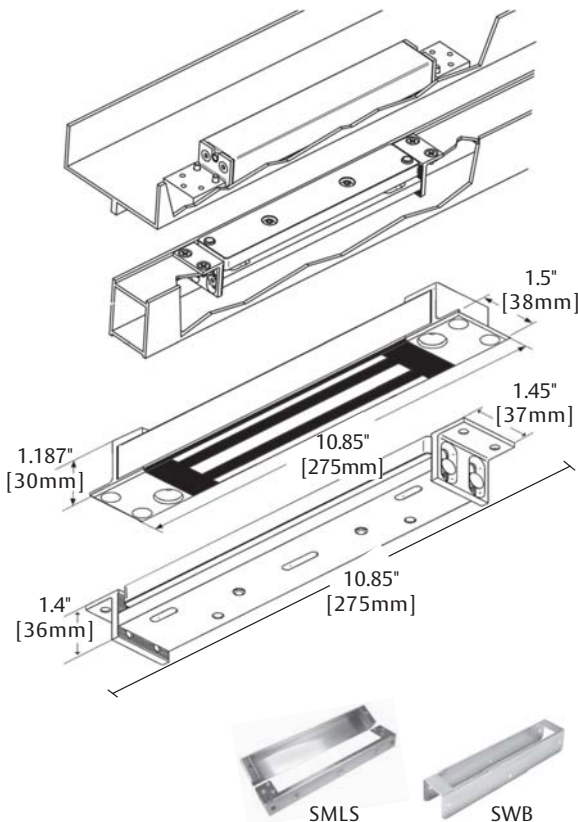
Holding Force: 1,200 lbs. [544 Kg.]  
 Current Draw and Voltage: 350mA at 12VDC; 175mA at 24VDC  
 Operating Temperature: -40 to +140F [-40 to +60C]  
 Shipping Weight: 6 lbs.  
 Warranty: MagnaCare Lifetime Replacement Warranty

## How To Order

Part #	Description
SAM	Shear Aligning Magnalock
SAMB	SAM, Mag Bond Sensor
SAMBD	SAM, Mag Bond Sensor, Door Position Switch
SAMBN	SAM, Mag Bond Sensor, Narrow Strike Plate
SAMD	SAM, Door Position Switch
SAMN	SAM, Narrow Strike Plate

## Optional SAM Brackets & Accessories

Prefix	Description
SMLS	Surface Mount Lock Housing
SMSS	Surface Mount Strike Housing
SWB	SAM Wood Bracket



See Magnalock brackets and accessories for the SAM beginning on page 15

U.S. Patents:  
 #6,007,119, #6,135,515  
 NEMA: 4X IEC: IP 66





# SAM2-24 Shear Aligning Magnalock<sup>®</sup>

**Application** - 600 lb. holding force Shear Aligning Magnalock mounts fully concealed and is ideal for smaller applications, like cabinet doors and sliding closet doors. 24VDC only.

## Features and Benefits

- Instant release circuit - no residual magnetism
- Mounts easily with a minimum of tools
- Fully sealed electronics - tamper proof and weatherproof
- Mounted using steel machine screws
- Architectural brushed stainless steel finish (US32D/630)
- All ferrous metal surfaces plated to MIL specification
- Six feet [1.8m] of jacketed, stranded conductor
- Smaller dimensions for difficult installation areas
- UL Listed

## Specification Data

Holding Force: 600 lbs. [272 Kg.]  
 Current Draw and Voltage: 62mA at 24VDC only  
 Operating Temperature: -40 to +140F [-40 to +60C]  
 Shipping Weight: 2.5 lbs.  
 Warranty: MagnaCare Lifetime Replacement Warranty

## How To Order

Part #	Description
SAM2-24	SAM2 Magnalock 24VDC

U.S. Patents:  
 #6,007,119, #6,135,515  
 NEMA: 4X IEC: IP 66



## Magnalock Patents, Approvals and Listings

- Patent Numbers: #4,682,801, #6,135,515, #6,007,119
- BondSTAT Magnetic Bond Sensor - Patent Pending
- Underwriter's Laboratories (US and Canada): Files SA6635, BP7041 and R13976
- UL 10B & UL 10C, UL 294 & NFPA 101
- California State Fire Marshal: 3774-0923:101
- City of New York MEA: 251-95E & 254-95E
- CE: EN 50081-1 (92) & EN 61000-6-2 (99)
- TUV (Germany): 951063246890009 Baumuster Gopruf

