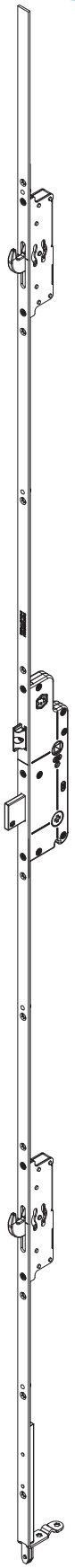
500 SERIES DOOR LOCK



500 SERIES

Designed for the North American market, the 500's Series Hook Multi-point Locking System is Radisson Industries' refined evolution of the traditional hook lock. Engineered to updated performance standards, it strategically positions multiple locking points along the door frame to maximize engagement and deliver superior resistance against forced entry with reliable, long-term performance.

Its primary critical components are manufactured from 304 stainless steel, ensuring enhanced corrosion resistance and long-lasting durability. The system also features a newly engineered center case with an ***independent deadbolt***, allowing the deadbolt to be engaged before or after the hooks are thrown, providing flexible security control and smooth mechanical operation.

Features

- **40" (1020mm) Handle Height**
  Optimized positioning for oversized doors, delivering balanced aesthetics and a modern architectural profile.
- **Key Below Lever | North American Cylinder Configuration**
  Featuring a durable zinc die-cast hex drive design engineered for strength and longevity.
- **Universal 92 mm PZ (Center-to-Center)**
  Features a standard 92 mm PZ configuration and a 0.320" x 0.320" (8 x 8 mm) square handle spindle receptacle.
- **1" (25mm) heavy-duty independant deadbolt throw**
  For comprehensive multipoint engagement.
- **5/8" or 0.625" (16mm) Wide Faceplate**
  Compatible with standard Euro groove door preparations.
- **1-3/4" (45mm) Backset Center Case**
  Designed to accommodate handle sets with faceplates up to 43mm (1.693") wide.
- **Serrated Teeth at the Top and Bottom Driving Rod Ends**
  Allowing integration of optional accessories such as extensions and shootbolts for customized configurations.



Top & Bottom Heavy-Duty Hook



Heavy-Duty 1" Independant Deadbolt



90° Integrated Bottom Shootbolt

Specifications

- High grade 304 stainless steel 5/8" (16mm) faceplate
- Integrated 90° bottom shootbolt available

Testing & Certifications



BS-6375-1-2-3
50,000 CYCLES
Endurance, weathertightness, operational forces, and basic security are tested as a complete door set over 50,000 cycles.



BS-EN-1670 - 480 HOURS
Successfully passed achieving the highest corrosion resistance rating—Grade 5—after enduring 480 hours of salt spray exposure.

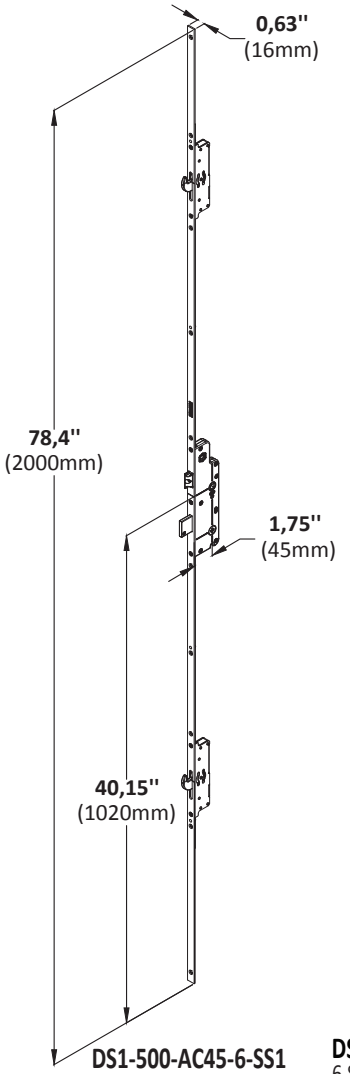


PAS 24 TESTED
Our MPL has passed the rigorous PAS 24 test, proving its strength and durability against forced entry, impact, and manual attack methods.

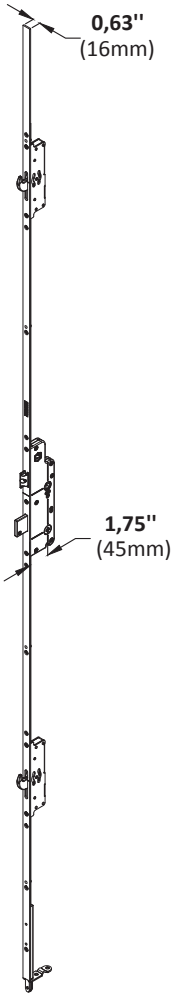
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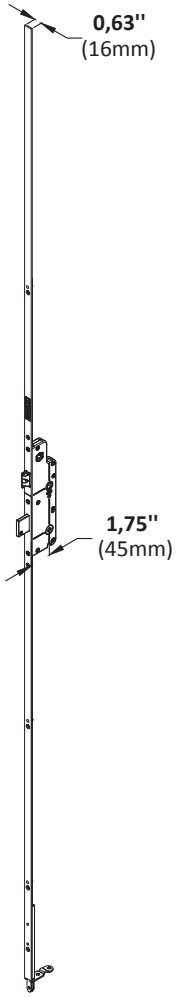
500 SERIES RANGE



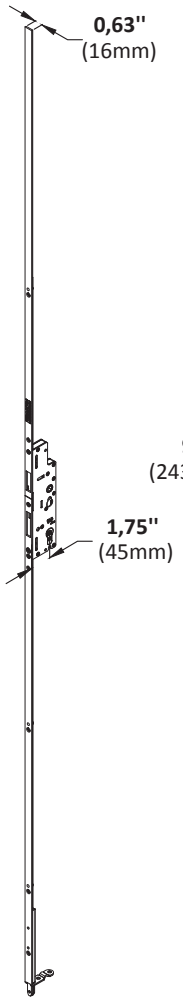
DS1-500-AC45-6-SS1
6.8FT ACTIVE 2 HOOK



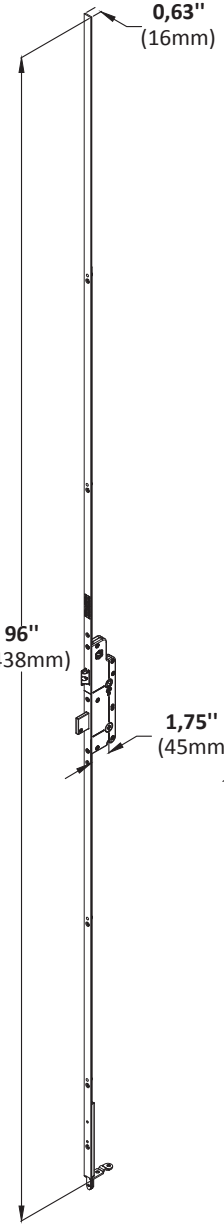
DS1-550-AC45-6-SS1
6.8FT ACTIVE 2 HOOK INTEGRATED BOTTOM SHOOTBOLT



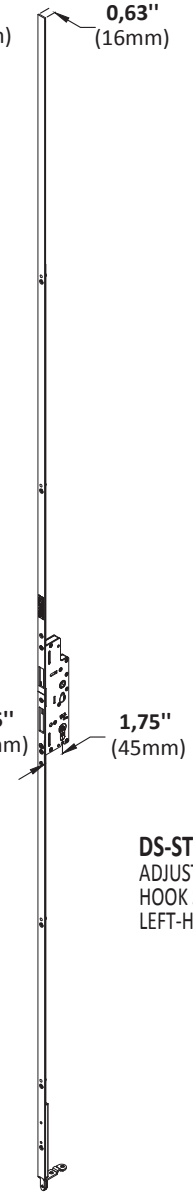
DS1-550-SB45-6-SS1
6.8FT ACTIVE INTEGRATED BOTTOM SHOOTBOLT



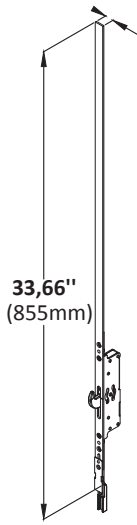
DS1-110-SA45-6-SS1
6.8FT SEMI-ACTIVE INTEGRATED BOTTOM SHOOTBOLT



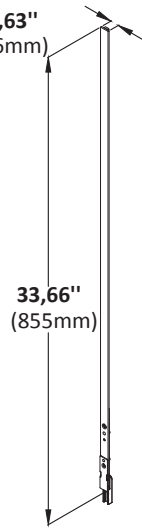
DS1-550-SB45-8-SS1
8FT ACTIVE INTEGRATED BOTTOM SHOOTBOLT



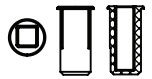
DS1-110-SA45-8-SS1
8FT SEMI-ACTIVE INTEGRATED BOTTOM SHOOTBOLT



DS-EXT110-HK
855mm HOOK EXTENSION



DS-EXT110-BLK
855mm BLANK EXTENSION



DS-STKR-CUP
PLASTIC SHOOTBOLT CUP



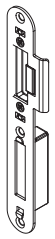
DS-SB110-TOP
90° RETURN TOP SHOOTBOLT



DS-SB005
90° RETURN BOTTOM SHOOTBOLT



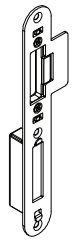
DS-SB110-BTM
90° RETURN BOTTOM SHOOTBOLT



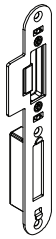
DS-STKR110-LG
ADJUSTABLE CENTER HOOK STRIKER LEFT-HANDED



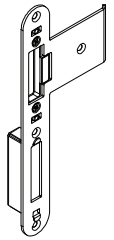
DS-STKR110-RD
ADJUSTABLE CENTER HOOK STRIKER RIGHT-HANDED



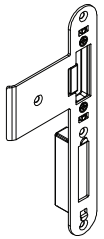
DS-STKR110F-LG
ADJUSTABLE CENTER HOOK STRIKER FLAT LEFT-HANDED



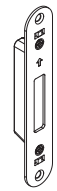
DS-STKR110F-RD
ADJUSTABLE CENTER HOOK STRIKER FLAT RIGHT-HANDED



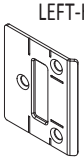
DS-STKR110LT-LG
ADJUSTABLE CENTER HOOK STRIKER LONG LEFT-HANDED



DS-STKR110LT-RD
ADJUSTABLE CENTER HOOK STRIKER LONG RIGHT-HANDED



DS-STKR110-HK
ADJUSTABLE TOP & BOTTOM HOOK STRIKER



DS-STKR111
ASTRAGALESS CENTER STRIKER

RADISSON INDUSTRIES 30 YEARS
INNOVATIVE COMPONENTS

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Ordering Information

MULTI-POINT LOCK

Part No.	Description	Box Qty.
DS1-500-AC45-6-SS1	6'8" Active Multi-Point Door Lock With Independant Deadbolt | 45mm Backset x 16mm Faceplate - 2 Hook	5 units
DS1-550-AC45-6-SS1	6'8" Active Multi-Point Door Lock With Independant Deadbolt | 45mm Backset x 16mm Faceplate, Integrated Bottom Shootbolt and 2 Hooks	5 units
DS1-550-SB45-6-SS1	6'8" Active Multi-Point Door Lock With Independant Deadbolt | 45mm Backset x 16mm Faceplate, Integrated Bottom Shootbolt	5 units
DS1-110-SA45-6-SS1	6'8" Semi-Active Multi-Point Door Lock | 45mm Backset x 16mm Faceplate, Integrated Bottom Shootbolt	5 units
DS1-550-SB45-6-SS1	6'8" Active Multi-Point Door Lock With Independant Deadbolt | 45mm Backset x 16mm Faceplate, Integrated Bottom Shootbolt	5 units
DS1-110-SA45-8-SS1	8' Semi-Active Multi-Point Door Lock | 45mm Backset x 16mm Faceplate, Integrated Bottom Shootbolt	5 units
DS1-505-AC45-6-SS1	6'8" Active Multi-Point Door Lock | 45mm Backset x 16mm Faceplate, Independant Deadbolt, Top Hook Reverse Action - 2 Hook	5 units
DS1-555-AC45-6-SS1	6'8" Active Multi-Point Door Lock | 45mm Backset x 16mm Faceplate, Independant Deadbolt, Integrated Bottom Shootbolt, Top Hook Reverse Action- 2 Hook	5 units

Ordering Note: To order the Euro Cylinder Multi-Point Lock option, simply replace the DS1 prefix with DS2 in the corresponding part number above.

LOCK EXTENSION

DS-EXT110-HK	855mm Multipoint Door Lock Extension | 16mm Faceplate - 1 Hook	25 units
DS-EXT110-BLK	855mm Multipoint Door Lock Extension | 16mm Faceplate	25 units

SHOOTBOLT

DS-SB110-TOP	90° Return Top Shootbolt | 16mm Faceplat	25 units
DS-SB110-BTM	90° Return Bottom Shootbolt | 16mm Faceplate	25 units
DS-SB005	90° Return Straight Action Shootbolt 100mm | 16mm Faceplate	100 units

STRIKER

DS-STKR110-LG	Door Adjustable Center Hook Striker - Left-Handed	40 units
DS-STKR110-RD	Door Adjustable Center Hook Striker - Right-Handed	40 units
DS-STKR110-HK	Door Adjustable Top And Bottom Hook Striker	40 units
DS-STKR110LT-LG	Door Adjustable Center Hook Striker - Long Tongue - Left-Handed	40 units
DS-STKR110LT-RD	Door Adjustable Center Hook Striker - Long Tongue - Right-Handed	40 units
DS-STKR110F-LG	Door Adjustable Center Hook Striker - Flat - Left-Handed	40 units
DS-STKR110F-RD	Door Adjustable Center Hook Striker - Flat - Right-Handed	40 units
DS-STKR-CUP	Door Adjustable Single Plastic Shootbolt Striker	500 units

Additional Information

Radisson Industries recommends using stainless steel fasteners only. The use of dissimilar metal alloys may result in galvanic contamination and increase the risk of corrosion.

Recommended fastener specification for multi-point door lock & strikers installation:



Timber
MP: *Stainless steel countersunk head wood screw, #8 x 1-1/4"* **(STKR:** *#8 x 5/8")*

Aluminium
MP: *Stainless steel countersunk head, self-tapping screw, #8 x 1-1/4"* **(STKR:** *#8 x 5/8")*

P.V.C.
MP: *Stainless steel countersunk head PVC screw, #8 x 1-1/4"* **(STKR:** *#8 x 5/8")*

*The company has an ongoing development program and therefore reserves the right to make alterations without notice. Products that are not stocked items will be subject to longer lead times. Please confirm with your Radisson representative.

Maintenance

We recommend that all moving components are lubricated using a non-acidic mineral oil at least twice a year and surface cleaned with a damp cloth. The product may need to be adjusted to ensure satisfactory operation. *(Refer to the detailed Multi-Point Care & Maintenance Document TS-11-EN_1.2)*

Warranty

In the unlikely event that a Radisson multi-point door lock product fails within a ten (10) year period from the date of purchase due to defective materials or workmanship, Radisson Industries, at its sole discretion, will either replace the defective product or refund the original purchase price. *(Refer to the detailed Multi-Point Warranty Document TS-05-EN_1.2)*

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