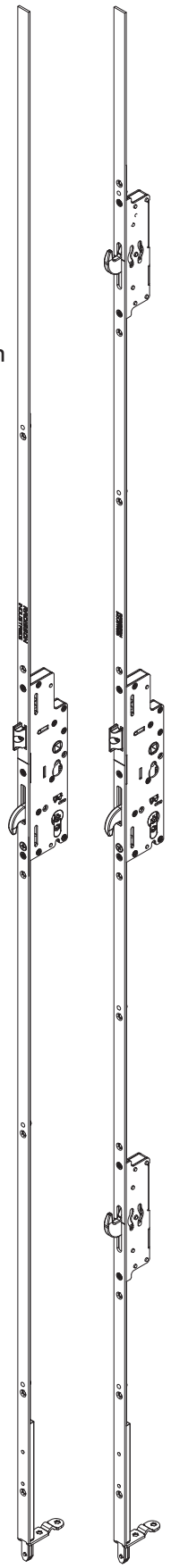
110 DOOR LOCK

110 SERIES

Radisson Industries' traditional 110's Series Multi-point Locking System provides proven security through a robust and time-tested design. The system strategically positions multiple locking points along the door frame to maximize engagement and deliver reliable resistance against forced entry while ensuring dependable long-term performance.

Its primary critical components are manufactured from 304 stainless steel, providing enhanced corrosion resistance and long-lasting durability. The 110's Series employs a traditional hook and shootbolt lock mechanism that has earned a reputation for strength, reliability, and consistent operation, making it a trusted solution for demanding residential and commercial applications.

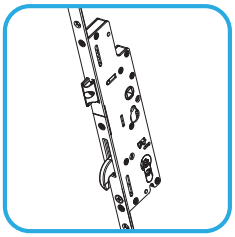


Features

- **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.
- **European Cylinder Convertible**
  Seamlessly converts from North American hex drive to a traditional Euro cylinder configuration for maximum installation flexibility.
- **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 Hook Center Case



90° Integrated Bottom Shootbolt

Specifications

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

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.

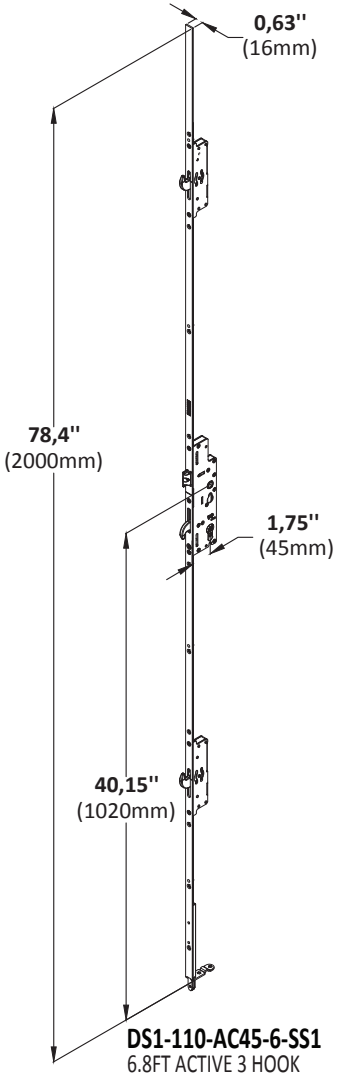


PAS 24 TESTED
Our MPL has passed the rigorous PAS 24 test, proving its strength and durability against forced entry, impact, and manual attack methods.

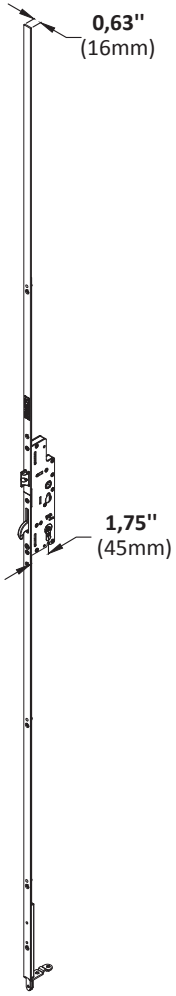
Copyright © 1996-2026 - LES INDUSTRIES RADISSON INC. - All Rights Reserved

1-866-889-9032 | 136 Leon-Vachon Street, St-Lambert-de-Lauzon, QC, G0S 2W0, Canada

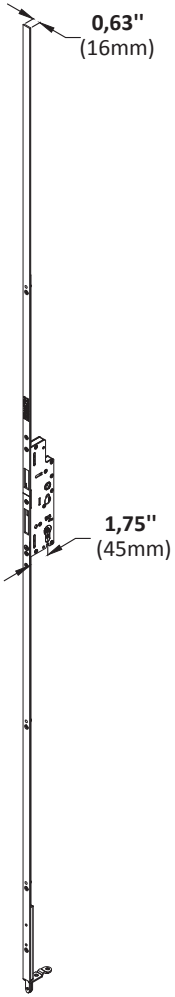
110 SERIES RANGE



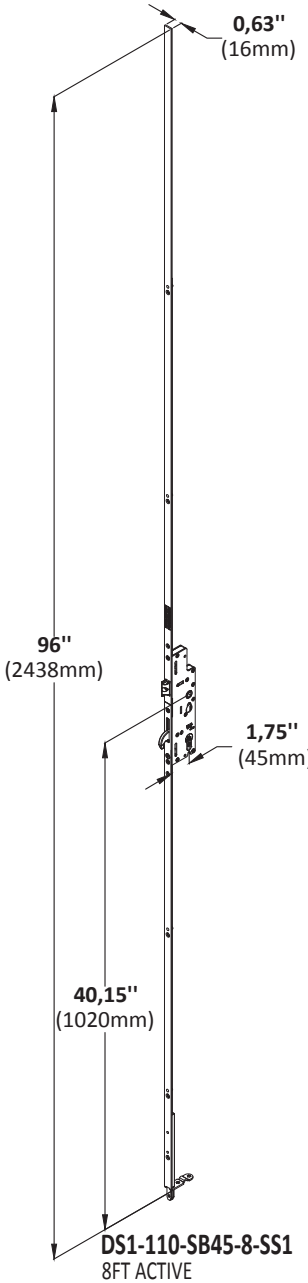
DS1-110-AC45-6-SS1
6.8FT ACTIVE 3 HOOK
INTEGRATED
BOTTOM
SHOOTBOLT



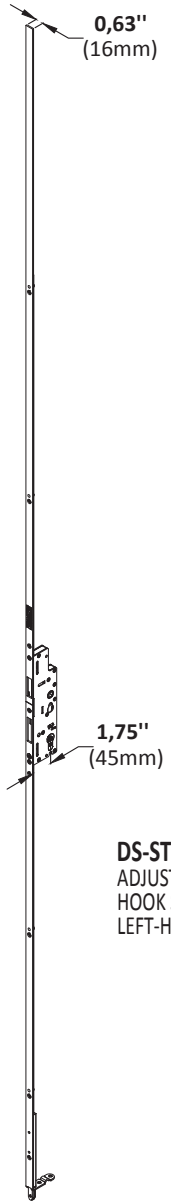
DS1-110-SB45-6-SS1
6.8FT ACTIVE
INTEGRATED
BOTTOM
SHOOTBOLT



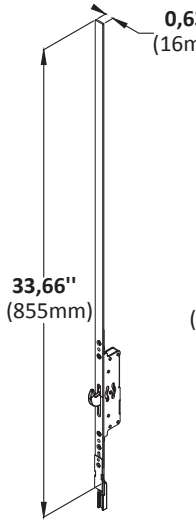
DS1-110-SA45-6-SS1
6.8FT SEMI-ACTIVE
INTEGRATED
BOTTOM
SHOOTBOLT



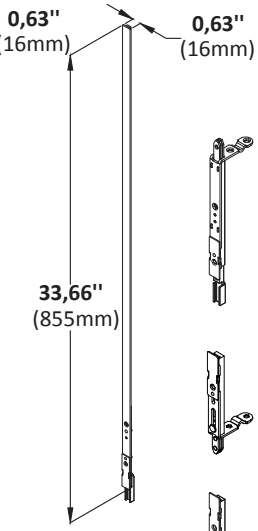
DS1-110-SB45-8-SS1
8FT ACTIVE
INTEGRATED
BOTTOM
SHOOTBOLT



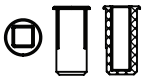
DS1-110-SA45-8-SS1
8FT SEMI-ACTIVE
INTEGRATED
BOTTOM
SHOOTBOLT



DS-EXT110-HK
855mm HOOK
EXTENSION



DS-EXT110-BLK
855mm BLANK
EXTENSION



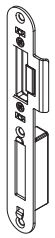
DS-STKR-CUP
PLASTIC SHOOTBOLT
CUP

DS-SB110-TOP
90° RETURN TOP
SHOOTBOLT

DS-SB005
90° RETURN BOTTOM
SHOOTBOLT



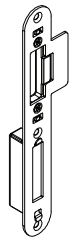
DS-SB110-BTM
90° RETURN BOTTOM
SHOOTBOLT



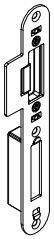
DS-STKR110-LG
ADJUSTABLE CENTER
HOOK STRIKER
LEFT-HANDED



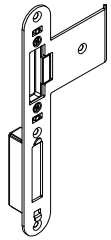
DS-STKR110-RD
ADJUSTABLE CENTER
HOOK STRIKER
RIGHT-HANDED



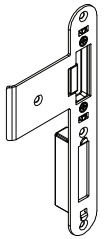
DS-STKR110F-LG
ADJUSTABLE CENTER
HOOK STRIKER FLAT
LEFT-HANDED



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



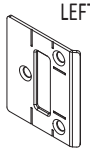
DS-STKR110LT-LG
ADJUSTABLE CENTER
HOOK STRIKER LONG
LEFT-HANDED



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
INNOVATIVE COMPONENTS
30 YEARS

Copyright © 1996-2026 - LES INDUSTRIES RADISSON INC. - All Rights Reserved

Ordering Information

MULTI-POINT LOCK

Part No.	Description	Box Qty.
DS1-110-AC45-6-SS1	6'8" Active Multi-Point Door Lock | 45mm Backset x 16mm Faceplate, Integrated Bottom Shootbolt and 3 Hooks	5 units
DS1-110-SB45-6-SS1	6'8" Active Multi-Point Door Lock | 45mm Backset x 16mm Faceplate, Integrated Bottom Shootbolt and 1 Hook	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
DS1-110-SB45-8-SS1	8' Active Multi-Point Door Lock | 45mm Backset x 16mm Faceplate, Integrated Bottom Shootbolt and 1 Hook	5 units
DS1-110-SA45-8-SS1	8' Semi-Active Multi-Point Door Lock | 45mm Backset x 16mm Faceplate, Integrated Bottom Shootbolt	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)*

Copyright © 1996-2026 - LES INDUSTRIES RADISSON INC. - All Rights Reserved

1-866-889-9032 | 136 Leon-Vachon Street, St-Lambert-de-Lauzon, QC, G0S 2W0, Canada