

# ANSI GRADE 1 DEADBOLTS

## SCH299500 Series / ANSI Grade 1 / Deadbolts

### Heavy-Duty Commercial-Grade 1 Deadbolt for Maximum Security

- Superior Forced Entry Resistance**

Engineered for maximum deterrence against forced entry, this heavy-duty commercial deadbolt features a recessed cylinder that resists impact attempts to dislodge the lock.

- High-Security Reinforced Construction**

**2 1/2" (63.5 mm) Solid Steel Security Ring Insert:** One-piece design exceeds ANSI Grade 1 standards, providing superior protection against hammer and crowbar prying attacks.

**1" (25.4 mm) Hardened Steel Core Deadbolt:** Built to withstand kick-in and saw attacks, surpassing ANSI Grade 1 security requirements.

- Precision Locking Mechanism**

**High-precision, Pick-Resistant Solid Brass 6-Pin Tumbler Plug ("C" Keyway)**  
Ensures enhanced security and resistance against picking.

**Brass Key with ANSI Grade 1 Protection:**

Designed to prevent the key cylinder from being forcibly removed.

- Easy Installation & ADA Compliance**

**Drive-In Deadbolt:** Ideal for metal doors, requiring only a single hole on the door edge for convenient installation.

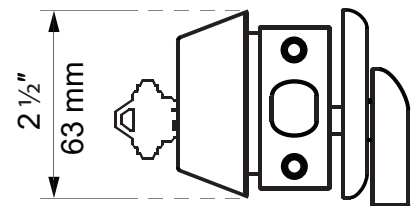
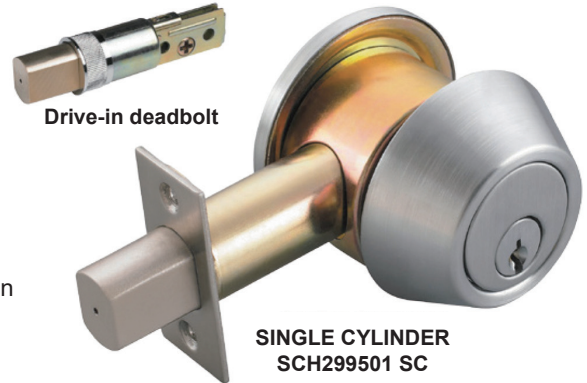
**ADA-Compliant Ergonomic Thumb Turn:** Designed for easy accessibility and compliance with ADA (Americans with Disabilities Act) standards.

- Durable & Reinforced Components**

**Extra-Thick Steel Mounting Plate** for enhanced strength and stability.

**All-Steel Latch Case & Mechanism** ensures long-lasting durability and reliable operation.

This deadbolt combines industry-leading security features with a user-friendly design, making it a top choice for commercial and high-security applications.



#### Finishes Available:

- PB - Polished Brass
- SB - Satin Brass
- AB - Antique Brass
- AC - Antique Copper
- SN - Satin Nickel
- SC - Satin Chrome
- CR - Polished Chrome
- ORB - Oil Rubbed Bronze
- TB - Black Nickel
- AN - Antique Nickel
- PVD - Lifetime Finish



5 or 6 Pin  
Two-piece  
cylinder



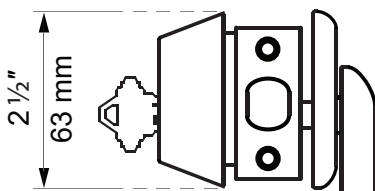
5 or 6 Pin  
One-piece  
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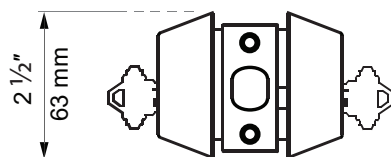
Inside Rose  
Assembly



Sturdy 2 1/2" Dia  
Molden steel  
security ring insert



SINGLE CYLINDER  
SCH299501 SC



DOUBLE CYLINDER  
SCH299508 DC

|                       |   |
|-----------------------|---|
| <b>ANSI/BHMA</b>      | A156.5 Grade 1.   |
| <b>Backset</b>        | Standard: 2 3/4" (57.15 mm); Optional: 2 3/8" (60.33 mm).   |
| <b>Bolt Throw</b>     | 1-inch throw; nickel-plated   |
| <b>Cylinder</b>       | 5- or 6-pin with removable core; compatible with Schlage "C" or Kwikset keyway and other options available. |
| <b>Door Prep</b>      | Cross bore: 2 1/8" (53.98 mm); Edge bore: 1" (25.4 mm); Latch face 1" x 2 1/4" (25.4 mm x 57.15 mm)         |
| <b>Door Thickness</b> | Adjustable for 1 3/8" (34.93 mm) – 2" (50.80 mm).   |
| <b>Face Plates</b>    | 1" x 2 1/2" (25.40 mm x 57.15 mm) square corner (standard). Round corner and other options available.       |
| <b>Strikes</b>        | 1 1/8" x 2 3/4" (28.58 mm x 69.85 mm) square corner (standard). Round corner and other options available.   |