



Commercial Hardware

# DB450 Series

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Deadbolt Locks



MAAX™ IS A TRADEMARK OF MAAX HARDWARE INC.

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- **QUALITY**
- **SECURITY**
- **AETHETICS**

**DB450**  
**Deadbolt Locks**

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**OVERVIEW**

**QUALITY:**

- Conforms to ANSI/BHMA A 156.36 standard, Grade-1
- Heavy duty chassis
- Limited 5 years warranty

**SECURITY:**

- Offers high security features to discourage abuse and intrusion

**AESTHETICS:**

- A range of trim finishes to complement different architectural design applications

# DB450 Deadbolt Lock

## Grade - 1



MAAX DB450 Series Grade-1 heavy duty deadbolt lock is designed and engineered to provide increased security, reliability and durability. The DB450 is commonly used as an added level of protection. MAAX DB450 Series deadbolt auxiliary lock is highly recommended to complement CL4500/CK4500 Series Grade-1 locksets, as needed, for institutional, industrial, commercial and security applications.

### FEATURES

- Heavy duty for institutional, industrial, and commercial applications
- Hardened steel housing to protect against blunt force attack
- Large steel spin ring to protect against wrench attack
- High-strength deadbolt with hardened steel roller to prevent sawing or cutting
- Concealed mounting screws

### STANDARDS

- UL/cUL listed for A label - 3 hours fire rating
- Meets UL 10C positive pressure requirements
- Conforms to ANSI/BHMA A156.36 standard, Grade-1
- Inside thumbturn conforms to the requirements of ANSI A117.1 Accessibility code



### CROSS REFERENCE

MAAX	BEST	CORBIN RUSSWIN	DORMA	FALCON	HAGER	SARGENT	SCHLAGE	YALE
DB450	8T	DL3200	D800	D100	3100	480	B600	D100

**Note:** Chart prepared by comparing functions of mortise locks based on data obtained from trade sources. It is not guaranteed nor represented that any specific product exactly equals any other product.

## SPECIFICATIONS

## HANDING:

- Non-handed

## DOOR THICKNESS:

- 1-5/8" (41 mm) to 2" (51 mm) - standard

## STANDARD DOOR PREP:

- 2-1/8" (54 mm) diameter (bore)
- 1" (25.4 mm) latch hole diameter (cross bore)

## BACKSET:

- 2-3/4" (70 mm) - standard
- 2-3/8" (60 mm) - optional

## DEADBOLT:

- 1" (25 mm) throw, brass with saw-resistant hardened steel roller insert - standard

## FACEPLATE:

- 1" (25.4 mm) X 2-1/4" (57 mm), square corner - standard
- 1-1/8" (29 mm) X 2-1/4" (57 mm), square corner - optional
- Round corner faceplate - optional

## MECHANISM:

- Heavy gauge steel, zinc dichromated for corrosion resistance

## CYLINDER AND KEYWAY:

- Conventional 6-pin solid brass, Schlage "C" keyway, keyed different - standard
- Other keying options available from factory
- Small format interchangeable core (SFIC), BEST "F" keyway, keyed different - optional
- Other SFIC keying options including 6 & 7-pin cores and other brands keyways
- SFIC cores ordered separately

## KEYS:

- Two brass keys per lock

## KEYING:

- Can be master keyed (MK) and grand master keyed (GMK)

## STRIKE:

- 1-1/8" (28.2 mm) X 2-3/4" (69.5 mm) X 5/64" (2.0 mm) Rectangular, square corner - standard
- With plastic strike box
- Round corner strike - optional

DB451 Single Cylinder  
and Thumbturn

## EXPOSED TRIM:

- Solid forged brass plated to match finish designation

## FASTENERS:

- No exposed screws

## FUNCTIONS:

- See Functions for detailed list






## FINISHES:

- US3 (605) Bright brass, clear coated
- US5 (609) Satin brass, blackened, clear coated
- US10B (613) Dark satin bronze, clear coated
- US15 (619) Satin Nickel, clear coated
- US26 (625) Bright chromium plated
- US26D (626) Satin chromium plated
- Other finishes available with longer lead time

## WARRANTY:

- Limited 5 years

**FUNCTIONS**

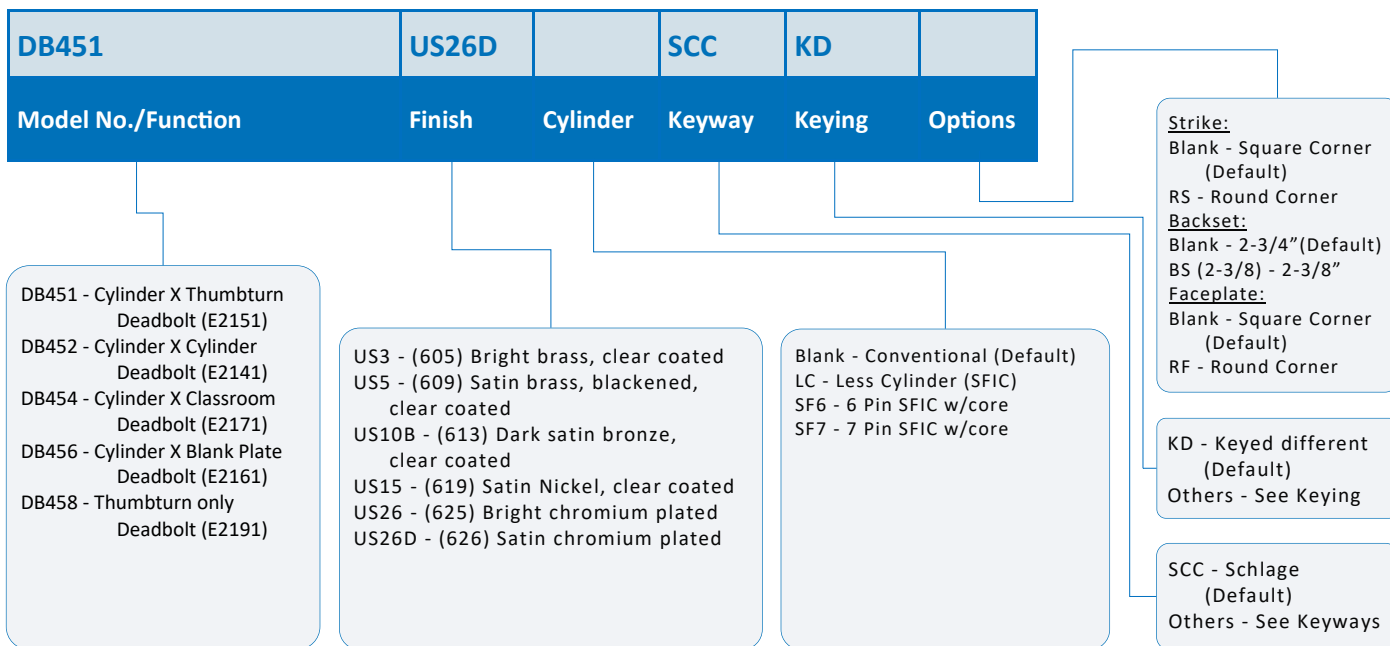
	Function	Model No.	ANSI	Function Description
	Cylinder X Thumbturn Deadbolt	DB451	E2151	<ul style="list-style-type: none"> <li>▪ Deadbolt projected and retracted by key outside or thumbturn inside.</li> </ul>
	Cylinder X Cylinder Deadbolt	DB452	E2141	<ul style="list-style-type: none"> <li>▪ Deadbolt projected and retracted by key either side.</li> </ul>
	Cylinder X Classroom Deadbolt	DB454	E2171	<ul style="list-style-type: none"> <li>▪ Deadbolt projected and retracted by key outside.</li> <li>▪ Thumbturn inside retracts deadbolt but cannot project it.</li> </ul>
	Cylinder X Blank plate	DB456	E2161	<ul style="list-style-type: none"> <li>▪ Deadbolt projected and retracted by key one side.</li> <li>▪ Blank plate on other side.</li> </ul>
	Thumbturn Only, no outside trim	DB458	E2191	<ul style="list-style-type: none"> <li>▪ Deadbolt projected and retracted by Thumbturn one side.</li> <li>▪ No trim on other side.</li> </ul>

**FINISH OPTIONS**

Finish Options						
Color	Bright Brass	Blackened Satin Brass	Oil rubbed Bronze	Satin Nickel	Bright Chrome	Satin Chrome
ANSI/BHMA Number	605	609	613	619	625	626
US Number	US3	US5	US10B	US15	US26	US26D

▪ Other finishes available with longer lead time and minimum order quantity

**HOW TO ORDER DB450 DEADBOLTS**



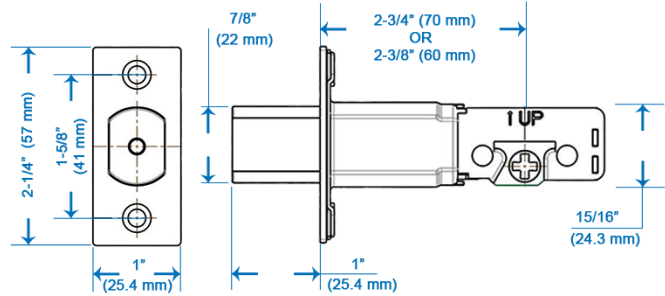
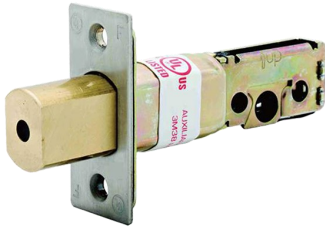
LATCHES

DB450 DEADBOLT LOCK - LATCHES

Item No. 400211 (2-3/4" - 70 mm) Deadbolt Latch - standard

Item No. 400212 (2-3/8" - 60 mm) Deadbolt Latch - optional

- Faceplate: 1" (25.4 mm) X 2-1/4" (57 mm) - standard  
1-1/8" (29 mm) X 2-1/4" (57 mm) - optional
- Backset: 2-3/4" (70 mm) - standard, 2-3/8" (60 mm) - optional
- Deadbolt Latch: 1" (25.4 mm) Throw



STRIKES

DB450 DEADBOLT LOCK - STRIKES

Item No. 400511

Rectangular Strike (Square) - Standard

- Size:  
1-1/8" (28.2 mm) X 2-3/4" (69.5 mm)  
X 5/64" (2.0 mm)
- With plastic strike box



Item No. 400512

Rectangular Strike (Round) - Optional

- Size:  
1-1/8" (28.2 mm) X 2-3/4" (69.5 mm)  
X 5/64" (2.0 mm)
- With plastic strike box



**STANDARD DEADBOLT CYLINDER**

FEATURES:

- 6 pin conventional deadbolt cylinder - Standard
- Keyway: Schlage "C" keyway - Standard
- Cylinder length: 1-1/8" (29 mm) or 1-1/4" (32 mm)
- Keying: Keyed different (KD) - Standard
- Tailpiece: Deadbolt tailpiece - Standard
- Keying: Keyed different (KD) - Standard
- Optional: Other keyways and Master keying

MATERIAL:

- Cylinder body: Solid brass
- Cylinder face: Brass



Conventional Cylinder

**INTERCHANGEABLE CYLINDER (IC)**

FEATURES:

- Interchangeable cylinder (IC) is an optional mortise cylinder offering immediate re-keying by simply using a special "control key" to replace the core without removing the cylinder housing
- "SFIC" Small format interchangeable core:
  - 6 pin, 1-1/4" (32 mm) cylinder length
  - 7 pin, 1-3/8" (35 mm) cylinder length
- Keyway: See Keyways and Keying
- Cores are ordered separately

MATERIAL:

- Cylinder body: Solid brass
- Cylinder face: Brass



SFIC Cylinder w/Core

CYLINDER CORES















Deadbolt Conventional Core



SFIC Core



KEYWAYS

CONVENTIONAL DEADBOLT CYLINDER		
KEYWAY		SUFFIX
SCHLAGE C (Default)		SCC
ARROW AR1		AR1
CORBIN 60		CO60
CORBIN L4		COL4
KWIKSET		KW1
RUSSWIN D1		RUD1
SARGENT LA		SALA
SCHLAGE E		SCE
SCHLAGE F		SCF
WEISER E		WEE
YALE E1R		YAER
YALE GA		YAGA
SMALL FORMAT INTERCHANGEABLE CORE (SFIC)		
KEYWAY		SUFFIX
BEST F 7-pin (Default)		BF7
BEST A, B, C, D, E, G, H, J, K, L, M, Q		BA6, BA7, BB7, BC7, BD7, BE7, BG7, BH7, BJ7, BK7, BL7, BM7, BQ7

KEYING

KEYING ABBREVIATIONS	
KEYWAY	SUFFIX
Keyed Different (Default)	KD
Keyed Alike	KA
"0" Zero Bitted	K0
Master Key	MK
Grand Master Key	GMK
Construction Master Key	CMK
KEYING OPTIONS (CONVENTIONAL)	
<ul style="list-style-type: none"> <li>▪ Keyed alike and "0" bitted cylinders (6 pin only)</li> <li>▪ Master keyed: Must specify quantity of master keys</li> <li>▪ Construction master keyed: Schlage C, E &amp; F</li> <li>▪ Submit master keying form</li> <li>▪ Extra cut keys</li> <li>▪ Key marking</li> <li>▪ Cylinder marking</li> <li>▪ Bitting lists (ordered separately)</li> <li>▪ Check availability of keyways at the time of ordering</li> </ul>	
KEYING OPTIONS (SFIC)	
<ul style="list-style-type: none"> <li>▪ Cores are keyed different unless otherwise specified</li> <li>▪ Keyed alike</li> <li>▪ Construction cores</li> <li>▪ Master keyed: Must specify quantity of master keys, control keys or additional change keys</li> <li>▪ Key marking</li> <li>▪ Core marking</li> <li>▪ Do not duplicate</li> <li>▪ Bitting lists (ordered separately)</li> </ul>	



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MX-DB450-20

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