

### Communicating Deadbolt

# B80 and B81 Single-Side Heavy Duty Communicating Deadbolt

#### **Features**

- 1" throw high strength stainless steel deadbolt resists sawing and kick-in attacks strength and operational requirements
- Ergonomic pivot-type turnknob for ease of use
- Multiple backset choices including 2-3/4" and 2-3/8"
- Certified to meet or exceed ANSI/BHMA A 156.5 Grade 1 strength and operational requirements
- UL listed for "A" label (3-hour) single doors, 4' x 8'
- Available both as B80 for blind hole applications (flush surface on communicating side of door) or as B81 for through bore applications (cover plate on communicating side of door)
- Q designates square option (i.e. B80Q)





Specifications
<b>Door Thickness:</b> 1-3/8" to 2" wood or metal door; thick door configurations available upon request
Backset: 2-3/4" (70mm) standard; 2-3/8" (60mm) optional
Deadbolt: 1" throw
<b>Strikes:</b> Square corner, 1-1/8" x 2-3/4", furnished with dust box and frame support plate
Finishes: Per project specification

Function Code (Deadbolt Application)	Illustration Outside ◀ ► Inside	Operation
B80 (BLIND HOLE)		Deadbolt by thumbturn inside. No trim on other side.
<b>B81</b> (THROUGH BORE)		Deadbolt by thumbturn inside. Blank plate on other side.

#### Communicating deadbolt ordering example::

Communicating deadbolt for blind hole prep, standard backset, in polished chrome finish with square corner strike.

B80	COM DB	629	2-3/4	
Function	Item	Finish	Backset	Misc.
B80 (Blind hole prep) B81 (Through hole prep)	Communicating Deadbolt COM DB	Per project specification	2-3/8" 2-3/4"	<b>Q</b> (Designates square deadbolt option)



## **Contemporary Deadbolts**

### D500 Series Square Deadbolt



Standard Specifications		
Door Prep	Cross bore: 2-1/8" Edge bore: 1" Latch face: 1" x 2-1/4"	
Backset	Fits 2-3/8" and 2-3/4"	
Door Thickness	1-3/8" ~ 1-3/4" door <b>standard</b>	
Cylinder	SC Keyway 6-pin Standard	
Latches	2-3/8" and 2-3/4" available Faceplate: 1" x 2-1/4" Bolt: Full 1" throw	
Strikes	1-1/8" x 2-3/4" Includes Reinforcement Strike	
Wood Screws	Combination screws that suit both wood and metal door mounting	
Door Handing	Required on both D540 and D545	

Functions			
Outside Inside	Model	Туре	Description
	D520	Single Cylinder	Key Outside and Thumbturn Inside
	D540	Privacy	Thumbturn Inside and Visual Occupancy Indicator with Cointurn Outside
	D545	Privacy	Thumbturn Inside and Cointurn Outside

### D600 Series Round Deadbolt



Standard Specifi	Standard Specifications		
Door Prep	Cross bore: 2-1/8″ Edge bore: 1″ Latch face: 1″ x 2-1/4″		
Backset	Fits 2-3/8" and 2-3/4"		
Door Thickness	1-3/8" ~ 1-3/4" door <b>standard</b>		
Cylinder	SC Keyway 6-pin Standard		
Latches	2-3/8" and 2-3/4" available Faceplate: 1" x 2-1/4" Bolt: Full 1" throw		
Strikes	1-1/8" x 2-3/4" Includes Reinforcement Strike		
Wood Screws	Combination screws that suit both wood and metal door mounting		
Door Handing	Required on both the D640 and D645		

Functions			
Outside Inside	Model	Туре	Description
	D620	Single Cylinder	Key Outside and Thumbturn Inside
	D640	Privacy	Thumbturn Inside and Visual Occupancy Indicator with Cointurn Outside
	D645	Privacy	Thumbturn Inside and Cointurn Outside