

Mortise Cylinder Deadbolts

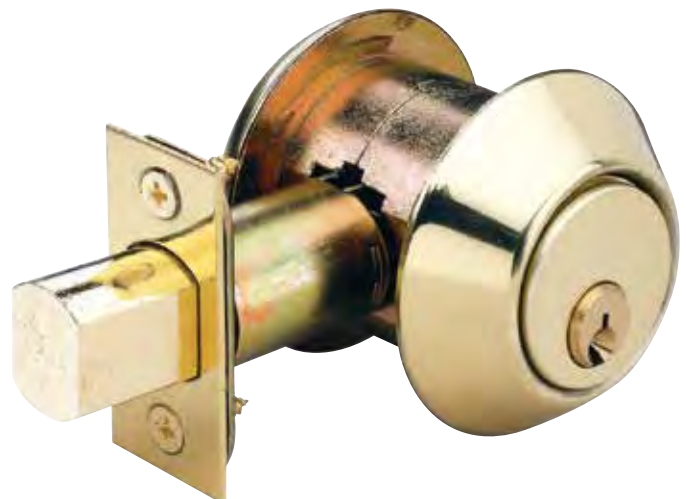
4500 Series — Heavy Duty, Professional Deadbolt

The Ilco Mortise Cylinder Deadbolt is heavy duty and made for professional installation. This lock can be installed on virtually any wood or metal door of any thickness.

- Sold with or without Cylinder
- Available Single Cylinder with ADA Turn Lever, Double Cylinder, Dummy and IC Core Housing
- Single Cylinder model has field reversible handing
- Accepts standard US thread mortise cylinder
- Operates with Lori® fan shaped or Adams Rite® Cam
- Cross bore 1 7/8" - 2 1/8" (47.3mm – 54mm)
- Standard 1" (25.4mm) edge bore
- 3 backsets; 2" (50.8mm), 2 3/8" (60.3mm), 2 3/4" (70mm)
- Drive in or screw in bolts



DOOR THICKNESS	CYLINDER LENGTH
1 3/8"-1 3/4"	15/16" (23.8mm)
1 3/4"-1 7/8"	1" (25.4mm)
1 7/8"-2 1/8"	1 1/8" (28.6mm)
2 1/8"-2 3/8"	1 1/4" (31.7mm)
2 3/8"-2 5/8"	1 3/8" (34.9mm)
2 5/8"-2 7/8"	1 1/2" (38.1mm)
2 7/8"-3 1/8"	1 5/8" (41.2mm)
3 1/8"-3 3/8"	1 3/4" (44.4mm)
3 3/8"-3 5/8"	1 7/8" (47.6mm)
3 5/8"-3 7/8"	2" (50.8mm)



Mortise Cylinder Deadbolt ACCESSORIES & PARTS

Front/Faceplate

4500-xx-5012	1" (25.4mm) for 2" (50.8mm) & 2 3/8" (60.3mm) Bolts
4510-xx-5012	1 1/8" (28.6mm) for 2 3/4" (69.8mm) Bolts Strikes
4500-xx-5011	For Wood Jam with Reinforcer
4500-xx-5013	For Steel Jam with Dust Box
4500-83-2000	Dust Box only

Housing for Bolts

4500-84-5003	For 2 3/8" (60.3mm) & 2 3/4" (69.8mm) Backsets
4900-84-5005	For 2" (50.8mm) Backsets Thumbturn Lever /Rose Assembly
4500-xx-5016	Thumbturn Lever assembly for 4500 Series
4500-82-2007	Thumbturn Tailpiece only
4500-82-2008	Long Thumbturn Tailpiece -1 1/4" (31.7mm)

Screws

4200-98-4011	Cam Screw
4500-82-4014	Housing Screw 8/32 X 1" (25.4mm)
4500-xx-4018	Thumbturn Lever Rose Assembly Screws

4500-xx-4025	Long Rose Screws for Thick Doors
4500-99-4015	Set Screw
4500-80-1017	3" (76.2mm) Screw for HD Strike
4500-xx-1036	3/4" (19.05mm) Screw for standard Strike/Front

Collars & Roses

4500-xx-5017	Outside Rose
861E-xx-10	5/32" (3.97mm) Aluminum Collar
4500-81-4020	Wave Washer
4500-xx-5025	Spacer for Use With SFIC & Schlage LFIC

Miscellaneous

4500-80-4016	5/64" (1.98mm) Long Shank Allen Wrench
863R-00-10	Deadbolt Fan Cam for Mortise Cylinder
4500-80-2013	Security Cover for Cam/Keyway
4500-82-1012	Steel Strike Reinforcer, less screws
4500-xx-5050	2 1/4" (57.1mm) Thick Door Kit for 4510 with 1 1/4" (31.7mm) Cylinder

"xx" indicates insert finish.

Minimum Order of
10 each per item.

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Cams & Tailpieces

1 Standard (863G)	13 22PR-E-RM (863K)	10 Long Standard 2 ³ / ₄ "(60.3mm) 862B for 7075
2 Adams Rite (863A)	15 Schlage L (863M)	14 Long Lazy Action 2 ³ / ₄ "(60.3mm) 862L for 7075
3 Clover (863D)	16 Sargent/Yale (863N)	
4 Narrow (863E)	17 Segal/ Emhardt (863P)	
5 Marks Cam (863F)	18 Lori Deadbolt (863R)	
6 Yale (863)	19 Clover Corbin/ Russwin Best (863S)	
7 Sargent Offset (863U)	20 Adams Rite 4070 (863T)	
11 14PR-RM (863H)	23 Falcon/ Saflok (863V)	
12 22PR-A-RM (863J)		

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Finish Codes

Code	Description	US#	BHMA
03	Bright Brass	03	605
03P	Bright Brass Permanent	03	605
04	Satin Brass	04	606
05	Antique Brass	05	609
10	Satin Bronze	10	612
10B	Oil Rubbed Bronze	10B	613
26	Bright Chrome	26	625
26D	Satin Chrome	26D	626
28	Clear Aluminum Anodized	28	628
29	Black Aluminum	19	622
32	Bright Stainless Steel	32	629
32D	Satin Stainless Steel	32D	630
46	Duracolor Brown Aluminum	46	624

All finish codes are ANSI/BHMA E (equivalent in appearance to category A) codes and do not reflect the product's base material.

Master Keys

Master keys will be sent separately from the cylinders via certified mail, return receipt requested. Name and address for this package must be supplied with the cylinder order.

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Keying Codes

Code	Description
KA	All keyed alike
KD	Keyed different
KA2	Keyed alike in pairs
KA4	Keyed alike in fours
0B	0 bitted - Blade Height
MK ^Φ	Master keyed
GMK ^Φ	Grand master keyed

^Φ When requesting MK or GMK, an additional Keying Code is required (KA, KD, KA2, etc.)
Example: 7165AA2-26D-MK/KA2

Chart below indicates stock KA biting combinations this does not apply to any other keying code.

Factory Keyed Alike Combinations

YA .019 (OEM)	SC .015 (OEM)
13335	13531
14251	15513
14455	24642
24158	26264
34532	31315
34562	31515
41224	33563
41242	34032
41255	34562
41256	35315
41263	42642
41321	44634
42131	46246
42145	51315
43244	54645
43263	55313
44254	62646
45324	64254
43356	66464
14544	78348