



2025 CATALOG



2201-C Interstate North Drive | Charlotte, NC 28606

Phone: 1-800-256-7377

Fax: 1-800-376-6536

www.impusa.com

Welcome to Imperial USA Ltd.

Your solution provider for all your commercial and residential door hardware needs.

Global Door Controls and Trans-Atlantic Company have combined their hardware offerings and Customer Service Specialists to best service our customer's daily needs. In doing this it will give our customers a wide breath of product offerings and personal customer support that will establish lasting relationships, exceeding your expectations. Our pledge to you as your supplier of door hardware products is to ship high quality products, complete and on time and competitively priced.

We specialize in wholesale door hardware for commercial buildings, institutions, commercial door and window manufacturers, single family residences and multi-family apartment build-ings. We offer a full range of commercial door hardware for hollow metal, wood and store-front doors.

Please review our new catalog of products. You can also go online at www.impUSA.com and download this catalog.

To establish an account please complete the credit application and sales & use certificate available online or in our Price Book. Please fax the completed forms to 1-800-376-6536.

If you are an existing customer you can order your door hardware needs online. You will have access to on-hand quantities and account specific information, including invoice details, open order details and account balances.

All the employees at Imperial USA Ltd. are here to support our customers. We strive for total customer satisfaction from every customer's call to every shipment to you.

We appreciate your continued support as we work together to grow your business.

TABLE OF CONTENTS

LOCKSETS	4
EXIT DEVICES	26
DOOR CLOSERS	38
HINGES	54
STOREFRONT	64
GENERAL HARDWARE	78

LOCKSETS

LOCKSETS

CYLINDRICAL & TUBULAR LOCKS

6 Grade 1 DXML Mortise Locks

8 Grade 1 LHV Levers

10 Grade 1 HVB Knobs

12 Grade 2 GAL Levers

14 Grade 2 LSV Levers

16 Grade 2 SVB Knobs

18 Grade 2 GLC Levers and Knobs

19 Grade 3 DB200 & DB700 Dead-
bolts

MORTISE LOCKS

20 Residential Levers

22 ML900 Mortise Locks

ACCESSORIES

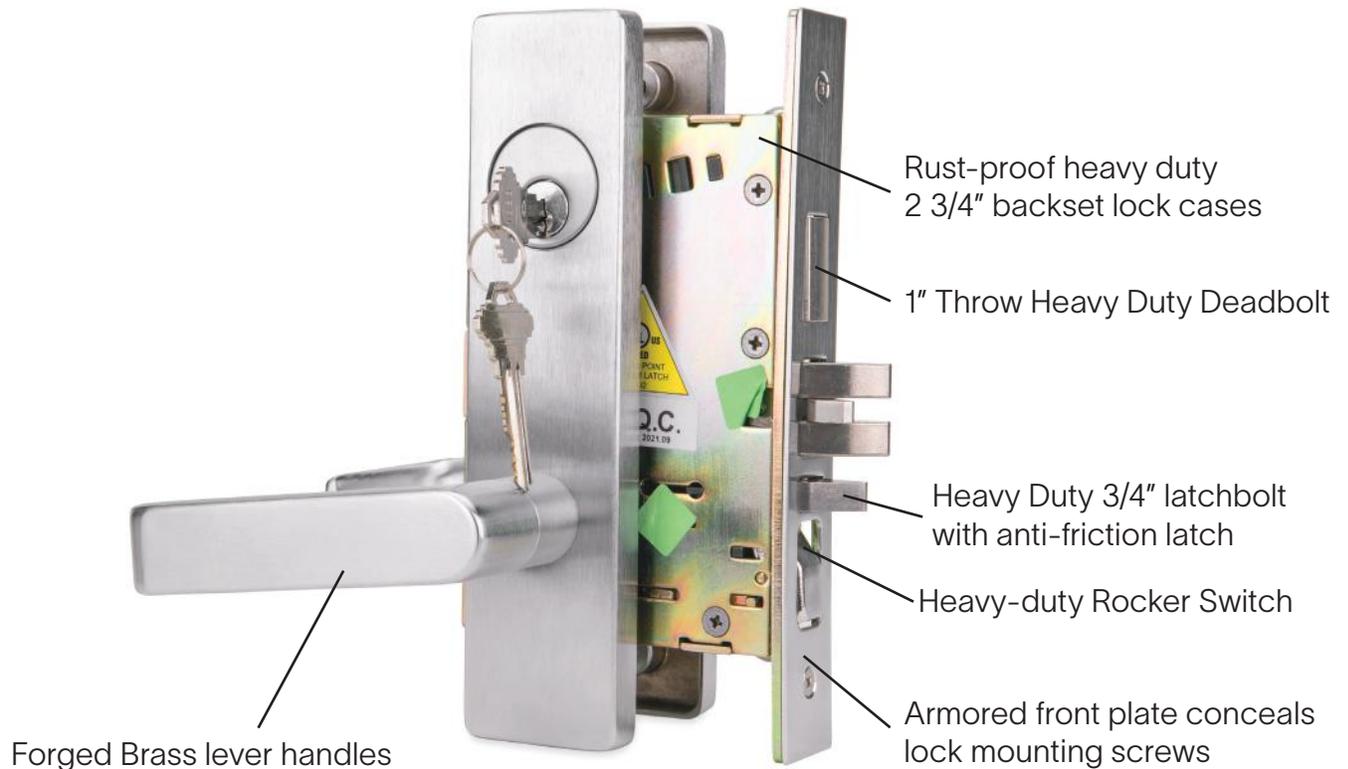
23 Accessories

REFERENCE

24 Functions and Specifications

HEAVY DUTY COMMERCIAL MORTISE LOCK

The DXML mortise lockset is designed for heavy duty commercial and industrial applications. This series meets ADA handicap compliance and meets a 3 hour UL R15846 fire rating.



DL-SE
Escutcheon

DL-DXML53SS-LAT-26D

LAT
(Latitude)



DL-SS
Sectional



CODE COMPLIANCE

- ANSI A156.2 Grade 1, UL10C and UBC 7.2 for positive pressure
- ANSI A117.1 ADA Barrier-free Accessibility
- UL R15846

DXML SERIES

GRADE 1



FEATURES:

- Door Thickness: 1 3/4"
- Backset: 2 3/4"
- Faceplate: 1 1/4" x 8" - Rosette: 2 1/2"
- UL R15846 3 hour fire rated latch
- 1" throw bolt
- 1" Mortise Cylinder
- SC6 Schlage "C" 6 pin keyway
- Sectional (SS) and Escutcheon (SE) trim available
- Levers are ADA compliant
- Handed (must specify LH or RH). Field reversible
- Functions: See below
- Warranty: 1 year mechanical and finish
- Finish: US26D

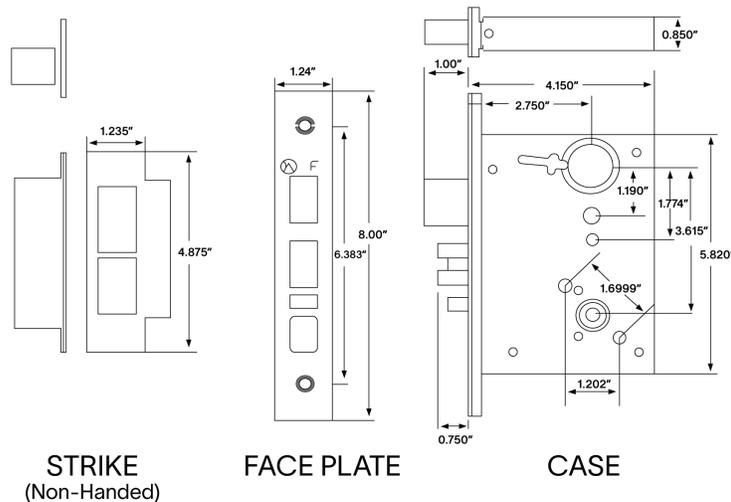
TRIM SPECIFICATIONS:

- Heavy duty commercial; Grade 1
 - DL-SS: Sectional leverset with rosette, Solid Brass
 - DL-SE: Escutcheon handleset, Rectangular plate, Solid Brass
 - Meets ADA requirements
 - Latitude style lever offered
- Part Number: DL-DXML53SS-LAT-26D

CROSS REFERENCE

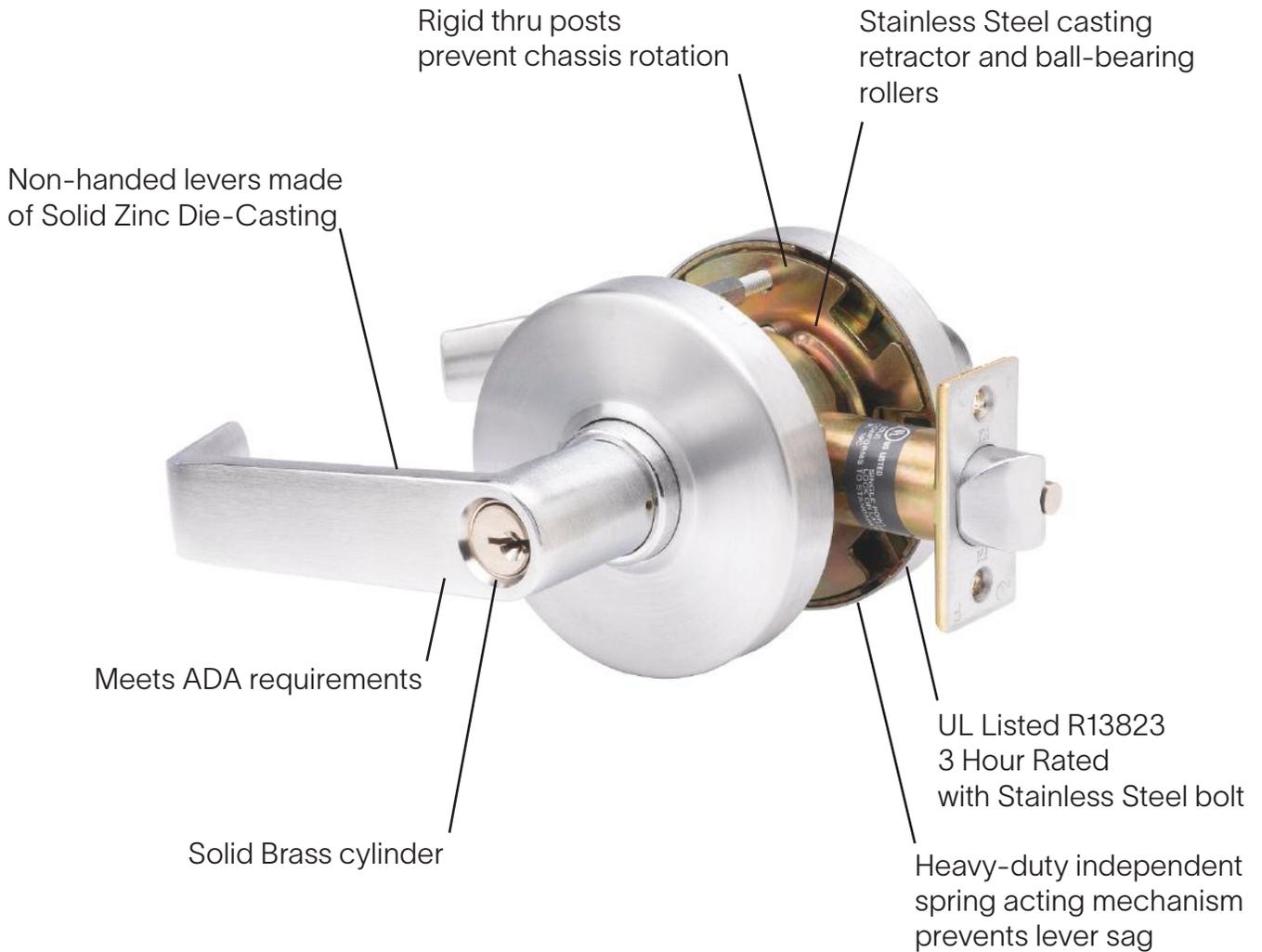
FUNCTION	ANSI NO		ARROW B SERIES	CORBIN/RUSSWIN ML2200	SARGENT 7700/8100	SCHLAGE L SERIES	PDQ Series 1000	YALE
PASSAGE	F01	DXML10	B01	ML2210	13	ML2210	13	8701
PRIVACY	F22	DXML40	B02	ML2220	65	ML2220	65	8702
ENTRANCE	F12	DXML53	B11	ML2267	45	ML2267	45	8747
CLASSROOM	F05	DXML70	B17	ML2255	37	ML2255	37	8708
STOREROOM	F07	DXML80	B12	ML2257	4	ML2257	4	8705

DOOR PREP DIAGRAM



HEAVY DUTY COMMERCIAL CYLINDRICAL LEVER

The DL-LHV Series cylindrical leversets are designed for use on heavy duty Grade 1 commercial applications. The LHV series is ADA compliant and features a free wheeling clutch mechanism option that ensures longevity and security.



CODE COMPLIANCE

- Certification: UL Listed R13823 ANSI A156.2 Grade 1
- ANSI A156.2 Grade 1, UL10C and UBC 7.2 for positive pressure
- ANSI A117.1 ADA Barrier-free Accessibility



IC CORE OPTION
(Core not included)

DL-LHV SERIES

GRADE 1



FEATURES

- Backset UL Listed: 2-3/4" face, 1-1/8" x 2-1/4"
- Cylinder: Schlage "C" keyway
- Keying: Schlage 6 pin keyed
- Key: 2 six pin Nickel Plated
- Functions: See below
- Latch: 5/8" projection Stainless Steel 3 hour
- Bore: 2-1/8" hole retrofits all cylindrical locksets
- Fits 161 Prep
- Strike: ANSI 1-1/4" x 4-7/8" strike
- Non-handed / reversible
- Warranty: 1 year mechanical and finish
- Finish: US26D
- CL - Clutch function - Lever rotates without unlatching lock

KEYING OPTIONS:

T R A N S

(additional charges may apply)

- 2 keys per cylinder
- KD: Keyed Different
- KA: Keyed Alike
- KA2: Keyed Alike; groups of 2
- KEYWAYS: SC6

ACCESSORIES:

See page 29

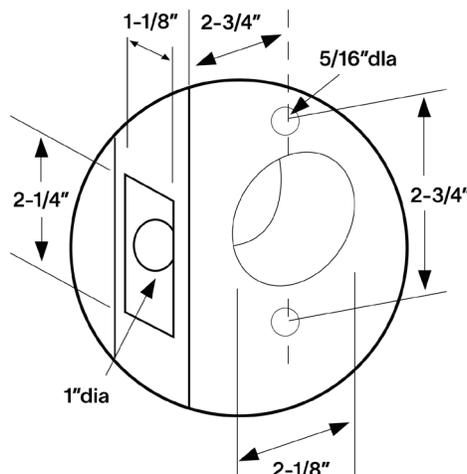
OPTIONS:

- IC - Small format Figure 8 Interchangeable
- Core NOT included

CROSS REFERENCE

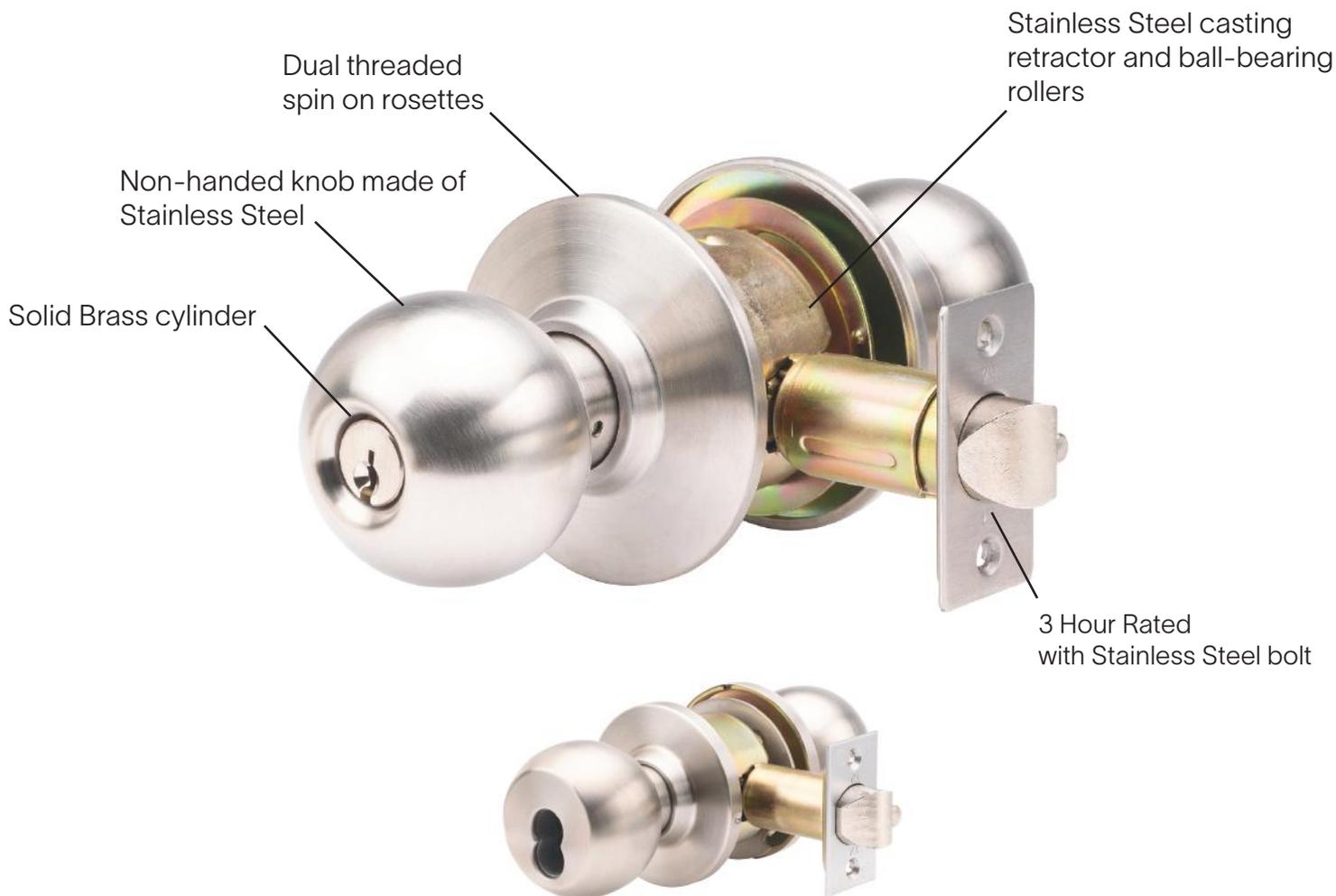
FUNCTION	TA	DORMA	HAGAR	CAL-ROYAL	PDQ	SCHLAGE	TELL
PASSAGE	DL-LHV10	CL110	3410	GN30	GT126	ND10S	LC1275
PRIVACY	DL-LHV40	CL140	3440	CGN20	GT176	ND40S	LC1276
ENTRANCE	DL-LHV53	CL153	3450	CGN00	GT116	ND53PD	LC1281
CLASSROOM	DL-LHV70	CL170	3470	CGN03	GT148	ND70PD	LC1284
STOREROOM	DL-LHV80	CL180	3480	CGN05	GT115	ND80PD	LC1286

DOOR PREP DIAGRAM



HEAVY DUTY COMMERCIAL CYLINDRICAL KNOB

The DL-HVB series cylindrical knobsets are designed for use on heavy duty Grade 1 commercial applications.



IC CORE OPTION
(Core not included)



CODE COMPLIANCE

- Certification: UL Listed R13823 ANSI A156.2 Grade 1
- ANSI A156.2 Grade 1, UL10C and UBC 7.2 for positive pressure
- UL - R13823

DL-HVB SERIES

GRADE 1



FEATURES

- Door Thickness: 1-3/4" - 2"
- Backset UL Listed: 2 3/4" face, 1-1/8" x 2-1/4"
- Cylinder: Schlage "C" keyway
- Keying: Schlage 6 pin keyed
- Key: 2 six pin Nickel Plated
- Functions: See below
- Latch: 5/8" projection Stainless Steel 3 hour
- Bore: 2-1/8" hole retrofits all cylindrical locksets
- Fits 161 Prep
- Strike: ANSI 1-1/4" x 4-7/8" strike
- Non-handed / reversible
- Warranty: 1 year mechanical and finish
- Finish: US26D

OPTIONS

- IC - Small format Figure 8 Interchangeable
- Core NOT included
- DL-TA013 - 1-1/8" x 2-3/4" "T" Strike

KEYING OPTIONS:

(additional charges may apply)

- 2 keys per cylinder
- KD: Keyed Different
- KA: Keyed Alike
- KA2: Keyed Alike; groups of 2
- KEYWAYS: SC6

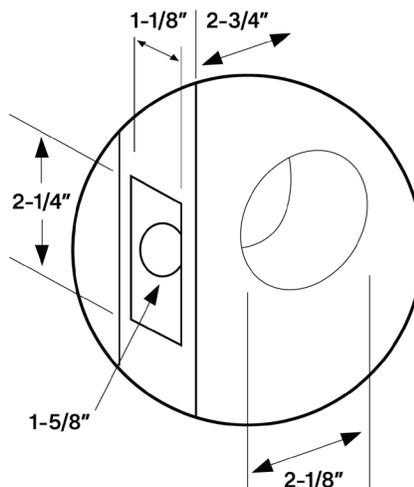
ACCESSORIES:

See page 29

CROSS REFERENCE

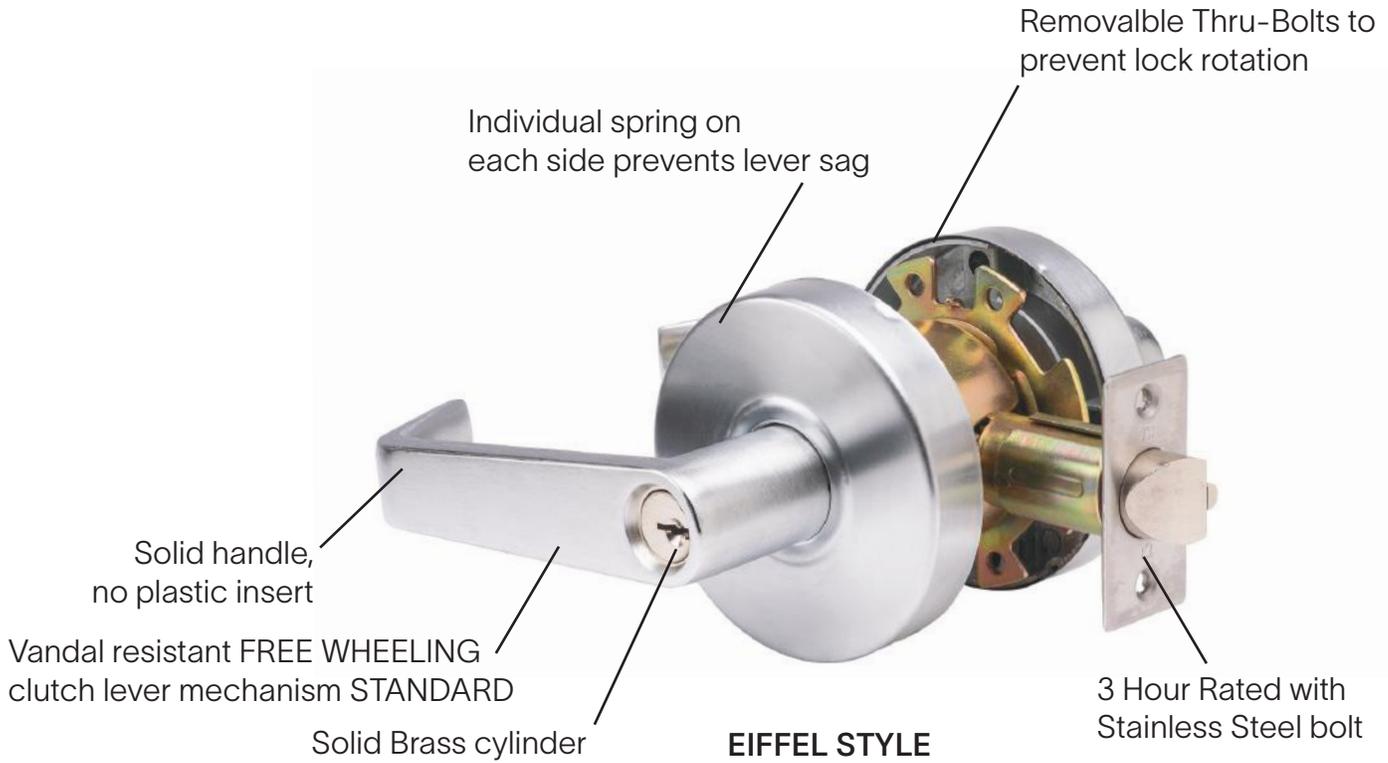
FUNCTION	TA	HAGAR	CAL-ROYAL	PDQ	SCHLAGE	TELL
PASSAGE	DL-HVB10	3410	GRB30	SX126	ND10	KC2375
PRIVACY	DL-HVB40	3440	GRB20	SX176	ND40	KC2376
ENTRANCE	DL-HVB53	3453	GRB00	SX116	ND53	KC2381
CLASSROOM	DL-HVB70	3470	GRB03	SX148	ND70	KC2384
STOREROOM	DL-HVB80	3480	GRB04	SX115	ND80	KC2386

DOOR PREP DIAGRAM



STANDARD DUTY COMMERCIAL CYLINDRICAL LEVER

The GAL Series cylindrical leversets are designed for use on heavy duty residential and standard to heavy duty Grade 2 commercial applications. The GAL commercial lever is ADA compliant and features a FREE WHEELING CLUTCH mechanism STANDARD that increases longevity.



PISA STYLE



IC CORE OPTION
(Core not included)

CODE COMPLIANCE

- Certification: ANSI A156.2 Grade 2
- UL Listed R13823

GAL SERIES

GRADE 2



FEATURES

- Door Thickness: 1-3/8" - 1-5/8"
- Backset: 2-3/4"
- Cylinder: Schlage "C" five pin keyway
- Keying: Schlage 5 pin keyed (6 pin capable)
- Key: 2 five pin Nickel Plated
- Functions: See below
- Latch: 5/8" projection Stainless Steel 3 hour UL R13823
- Face: 1 1/8" x 2 1/4"
- Bore: 2 1/8" hole retrofits all cylindrical locksets
- Fits 161 Prep doors
- Strike: ANSI 1 1/4" x 4 7/8"
- Construction: Steel, Zinc Dichromated resists corrosion
- Heavy duty spring cage reinforced for lever turn
- Non-handed / reversible
- Warranty: 1 year mechanical and finish
- Finish: US26D
- Clutch function standard for GAL Series

OPTIONS

- IC - Small format Figure 8
Interchangeable Core NOT included
- 2-3/8" backset, Deadlatch
- 2-3/8" backset, Springlatch
- GLA001 - 1-1/8" x 2-3/4" "T" Strike
- DL-TA013

KEYING OPTIONS:

- 2 keys per cylinder
- KD: Keyed Different
- KA: Keyed Alike
- KA2: Keyed Alike; groups of 2
- KEYWAYS: SC5

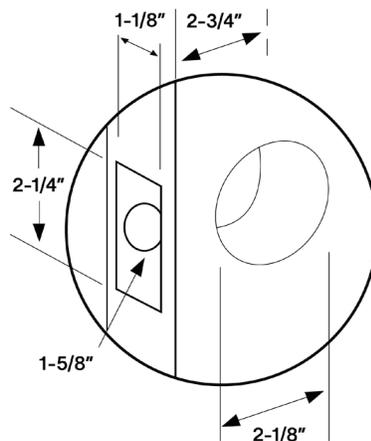
ACCESSORIES:

See page 27

CROSS REFERENCE

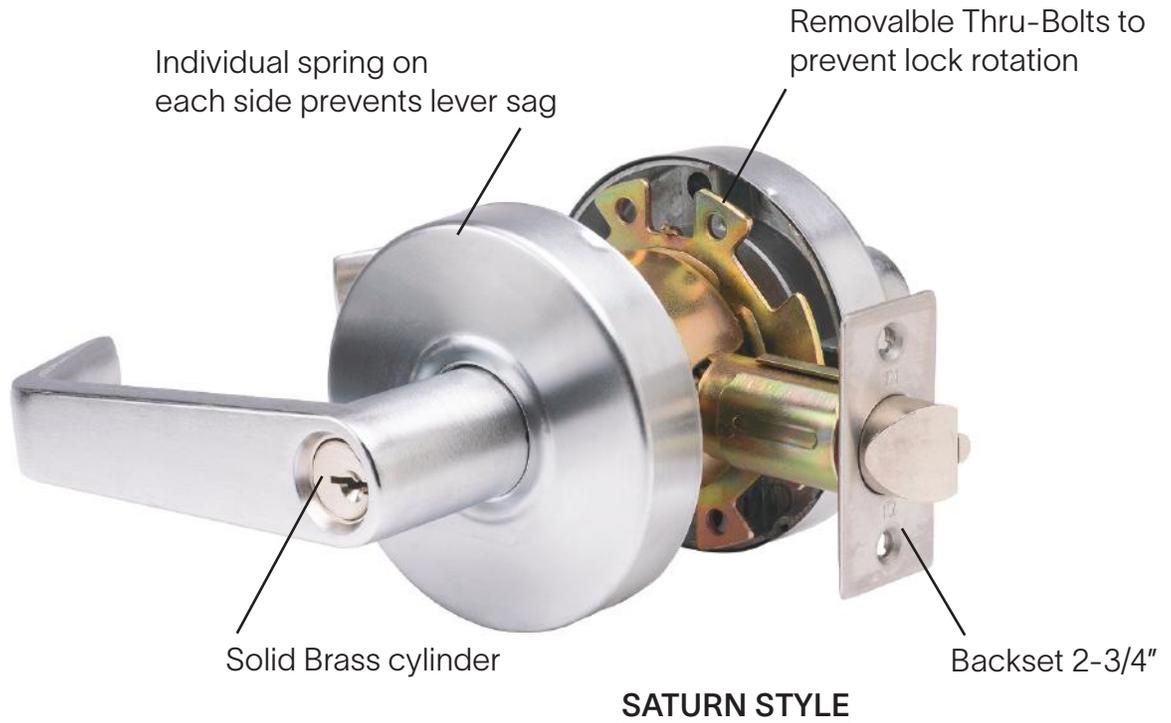
FUNCTION	TA	DORMA	HAGAR	CAL-ROYAL	PDQ	SCHLAGE	TELL
PASSAGE	GAL-1110	CL210	3510	CLS30	GT126	AL10S	LC2675
PRIVACY	GAL-1140	CL240	3540	CLS40	GT176	AL40S	LC2676
ENTRANCE	GAL-1153	CL253	3550	CLS00	GT116	AL53PD	LC2682
CLASSROOM	GAL-1170	CL270	3570	CLS03	GT148	AL70PD	LC2684
STOREROOM	GAL-1180	CL280	3580	CLS04	GT115	AL80PD	LC2686

DOOR PREP DIAGRAM



STANDARD DUTY COMMERCIAL CYLINDRICAL LEVER

The DL-LSV Series cylindrical leversets are designed for use on standard Grade 2 commercial applications. The LSV Saturn Style series is ADA compliant.



LSV / DB751 COMBO



IC CORE OPTION
(Only Saturn Style)
(Core not included)



CODE COMPLIANCE

- Certification: UL Listed R14879 ANSI A 156.2 Grade 2
- ANSI A156.2 Grade 2, UL10C and UBC 7.2 for positive pressure
- ANSI A117.1 ADA Barrier-free Accessibility
- UL - R13823

DL-LSV SERIES

GRADE 2



FEATURES

- Door Thickness: 1-3/4" - 1-5/8"
- Backset: 2-3/4"
- Cylinder: Schlage "C" keyway
- Keying: Schlage 6 pin keyed to 5 pin
- Key: 2 six pin Nickel Plated
- Functions: See below
- Latch: 1/2" projection Stainless Steel
- Face: 1 1/8" x 2 1/4"
- Bore: 2 1/8" hole retrofits all cylindrical locksets
- Fits 161 Prep doors
- Strike: ANSI 1 1/4" x 4 7/8"
- Removable Thru-Bolts
- Non-handed / reversible
- Warranty: 1 year mechanical and finish
- Finish: US10B, US26D

OPTIONS

- IC - Small format
- Interchangeable Core NOT included
- DL-DLUL238 - 2 3/8" backset, UL Deadlatch
- DL-SLUL238 - 2 3/8" backset, UL Springlatch
- DL-TAO13 - 1 1/8" 2 3/4" "T" Strike
- DL-EXBS5: Extension for 5" backset
- DL-LSV53DB751 - Combo, Single Cylinder
- DL-LSV53DB760 - Combo, Double Cylinder

KEYING OPTIONS:

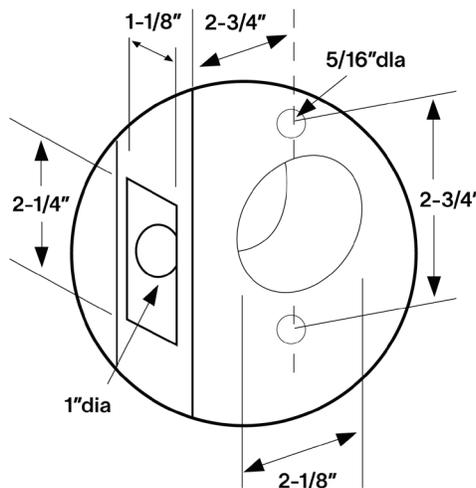
(additional charges may apply)

- 2 keys per cylinder
- KD: Keyed Different
- KA: Keyed Alike
- KA2: Keyed Alike; groups of 2
- KEYWAYS: SC6

CROSS REFERENCE

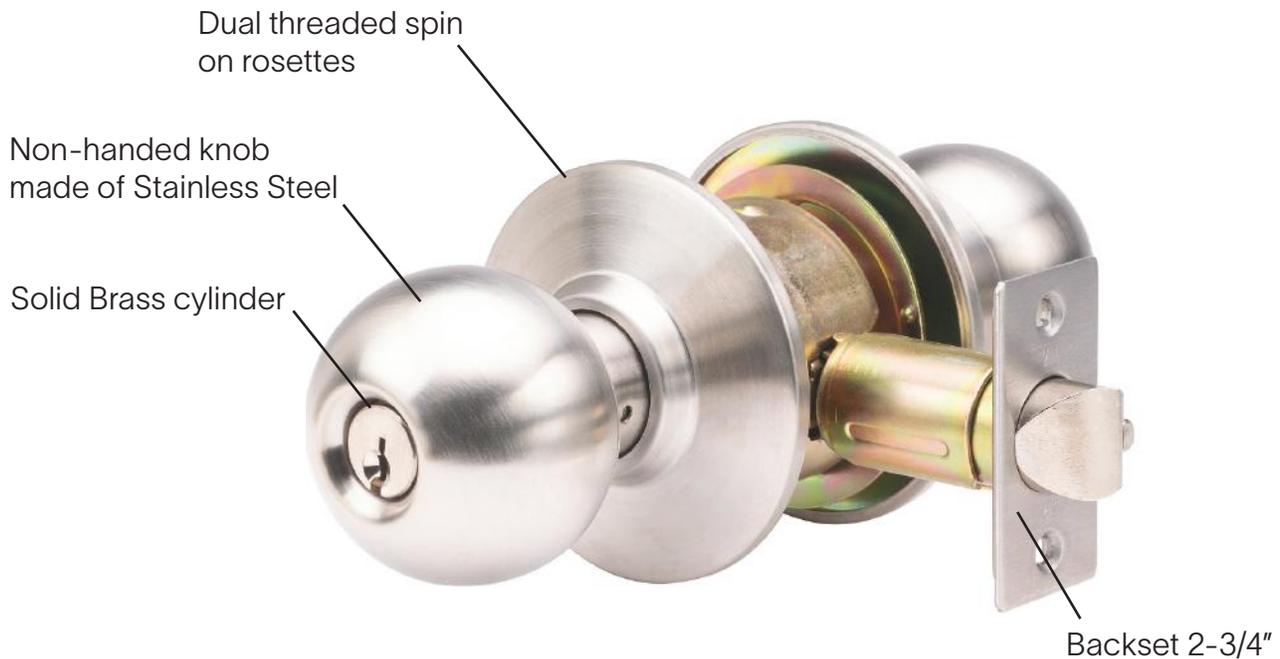
FUNCTION	TA	DORMA	HAGAR	CAL-ROYAL	PDQ	SCHLAGE	TELL
PASSAGE	LSV10	CL210	3510	SL30	GT126	AL10S	LC2675
PRIVACY	LSV40	CL240	3540	SL20	GT176	AL40S	LC2676
ENTRANCE	LSV53	CL253	3550	SL00	GT116	AL53PD	LC2682
CLASSROOM	LSV70	CL270	3570	SL03	GT148	AL70PD	LC2684
STOREROOM	LSV80	CL280	3580	CLS04	GT115	AL80PD	LC2686

DOOR PREP DIAGRAM



STANDARD DUTY COMMERCIAL CYLINDRICAL KNOB

The DL-SVB Series cylindrical knobsets are designed for use on standard Grade 2 commercial applications.



SVB / DB251 COMBO
US32D Finish



CODE COMPLIANCE

- ANSI A156.2 Grade 2, UL10C and UBC 7.2 for positive pressure
- UL - R13823

DL-SVB SERIES

GRADE 2



FEATURES

- Certification: ANSI A 156.2 Grade 2
- Door Thickness: 1 3/4" - 2"
- Backset: 2 3/4"
- Cylinder: Schlage "C" keyway
- Keying: Schlage 6 pin keyed
- Key: 2 six pin Nickel Plated
- Functions: See below
- Latch: 1/2" projection Stainless Steel
- Face: 1 1/8" x 2 1/4"
- Bore: 2 1/8" hole retrofits all cylindrical locksets
- Fits 161 Prep doors
- Strike: ANSI 1 1/4" x 4 7/8" strike
- Non-handed / reversible
- Warranty: 1 year mechanical and finish
- Finish: US26D

OPTIONS

- DL-DLUL238 - 2 3/8" backset, UL Deadlatch
- DL-SLUL238 - 2 3/8" backset, UL Springlatch
- DL-TA013 - 1 1/8" 2 3/4" "T" Strike
- DL-EXBS5: Extension for 5" backset
- DL-SVB53DB251-US32D - Combo, Single Cylinder

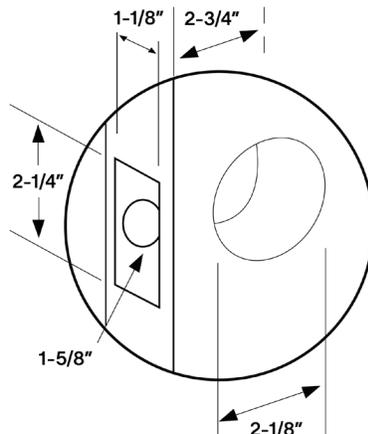
KEYING OPTIONS:

- (additional charges may apply)
- 2 keys per cylinder
 - KD: Keyed Different
 - KA: Keyed Alike
 - KA2: Keyed Alike; groups of 2
 - KEYWAYS: SC6

CROSS REFERENCE

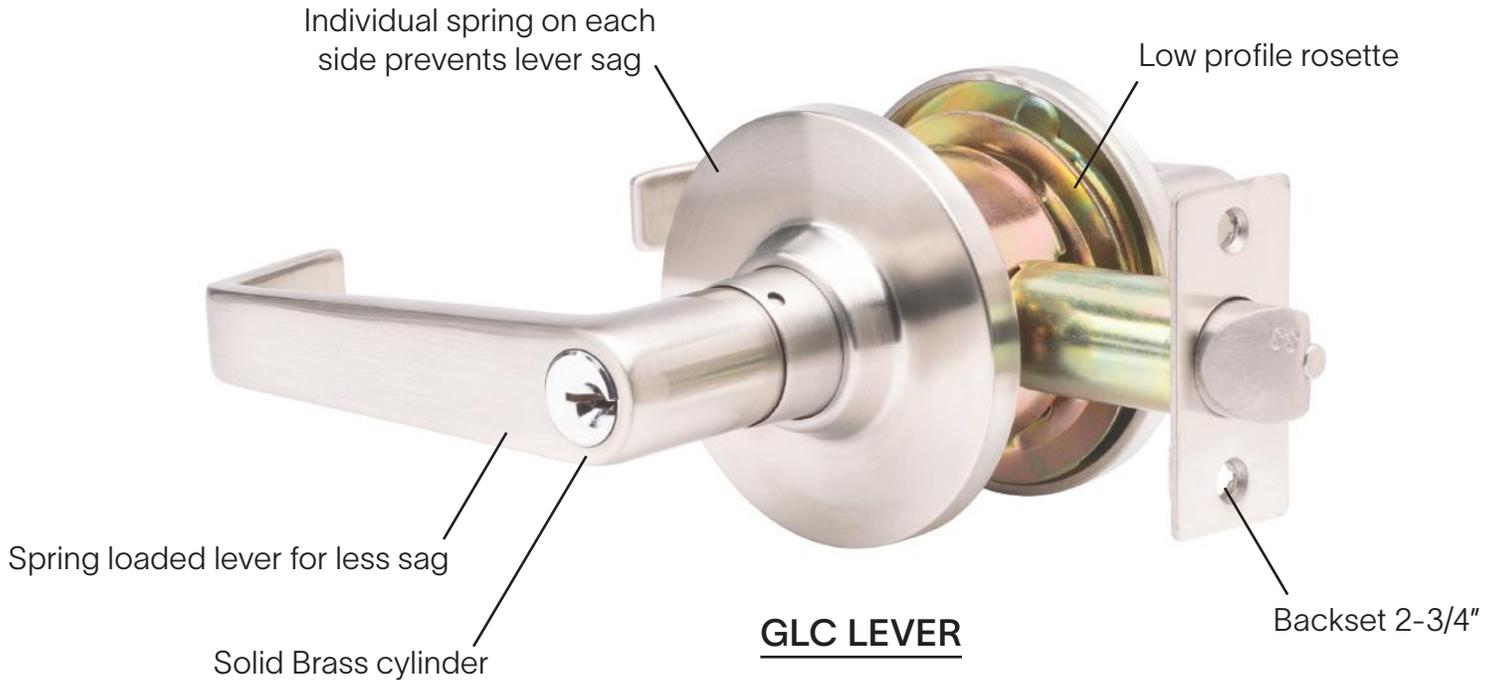
FUNCTION	TA	PARKER	CAL-ROYAL	PDQ	SCHLAGE	TELL
PASSAGE	DL-SVB10	B9160 N	BA30	SV126	AL10S	KC2375
PRIVACY	DL-SVB40	B9160 P	BA20	SV176	AL40S	KC2376
ENTRANCE	DL-SVB53	B9160 A	BA00	SV116	AL53PD	KC2381
CLASSROOM	DL-SVB70	B9160 R	BA03	SV148	AL70PD	KC2384
STOREROOM	DL-SVB80	B9160 D	BA05	SV115	AL80PD	KC2386
DUMMY	DL-SVBBDT	B9160 Y	BA40	SV211	AL170	KC2301

DOOR PREP DIAGRAM



LIGHT DUTY COMMERCIAL CYLINDRICAL LEVEL & KNOB

The GLC Series cylindrical locksets are designed for use on all light duty Grade 3 commercial and residential applications. The GLC commercial lever is ADA compliant.



GLC KNOB



CODE COMPLIANCE

- ANSI A117.1 ADA Barrier-free Accessibility

GLC SERIES

GRADE 3



FEATURES:

- Door Thickness: 1 3/8" - 1 7/8" range
- Backset: 2 3/4"
- Cylinder: Schlage Solid Brass "C" keyway
- Keying: Schlage 5 pin keyed
- Key: 2 five pin Nickel Plated
- Functions: See below
- Construction: Steel, Zinc Dichromated resists corrosion
- Heavy duty spring cage reinforced for lever return
- Latch: 1/2" projection Stainless Steel
- Face: 1 1/8" x 2 1/4"
- Bore: 2 1/8" hole retrofits grade 3 cylindrical locksets
- Fits 161 Prep doors
- Strike: ANSI 1 1/4" x 4 7/8" strike
- Warranty: 1 year mechanical and finish
- Finish: US26D

OPTIONS:

- 2 3/8" backset, Deadlatch
- 2 3/8" backset, Springlatch
- DL-EXBS5: Extension for 5" backset

KEYING OPTIONS:

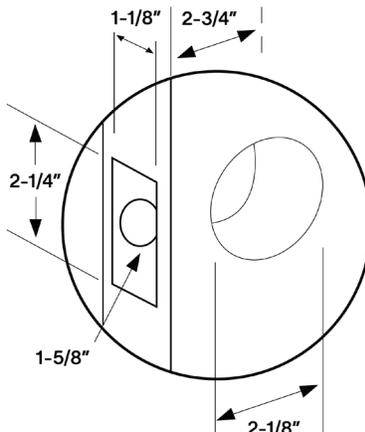
(additional charges may apply)

- 2 keys per cylinder
- KD: Keyed Different
- KA: Keyed Alike
- KA2: Keyed Alike; groups of 2
- KEYWAYS: SC5

CROSS REFERENCE

FUNCTION	TA	HAGAR	CAL-ROYAL	PDQ	TELL
PASSAGE	GLC-5110	3610	803	SF126	LT3575
PRIVACY	GLC-5140	3640	802	SF176	LT3576
ENTRY	GLC-5151	3653	800	SF116	LT3581
STOREROOM	GLC-5180	3680		SF115	

DOOR PREP DIAGRAM



DB200 SERIES

GRADE 2

RESIDENTIAL TUBULAR DEADBOLT

The DB200 Series deadbolts are designed for use on residential applications and add style and security to any door. They can be keyed to match any HVB, SVB, or ECB locksets.



FEATURES:

- Door Thickness: 1-3/4" - 1-7/8"
- Adjustable Backset: 2-3/4" - 2-2/8"
- Bore: 1-1/8" residential
- Full 1" throw deadbolts
- Cylinder: Schlage 6 pin keyed
- Key: 2 six pin Nickel Plated
- Strike: 1-1/8" x 2-3/4" strike
- Non-handed / reversible
- DL-DB251: Single cylinder
- DL-DB260: Double cylinder
- Finish matches HVB, SVB and ECB Series
- Warranty: 1 year mechanical and finish
- Finishes: US3, US32D

DB700 SERIES

GRADE 1

COMMERCIAL CYLINDRICAL DEADBOLT

The DB700 Series deadbolts are designed for use on all light to heavy duty commercial applications and add style and security to any door. They can be keyed to match any LHV or LSV lockset.



FEATURES:

- Certification: ANSI A156.5
- Door Thickness: 1 3/4"
- UL R14897
- 2 3/4" backset
- Full 1" throw deadbolts
- Cylinder: Schlage "C" keyway
- Keying: Schlage 6 pin keypad
- Key: Six pin Nickel Plated
- Strike: 1 1/8" x 2 3/4" strike
- Non-handed / reversible
- DL-DB751: Single cylinder
- DL-DB760: Double cylinder
- Finish matches LHV and LSV Series
- Warranty: 1 year mechanical and finish
- Finishes: US26D, BLK

RESIDENTIAL LEVERS

GRADE 3



RESIDENTIAL TUBULAR LEVERS

These Levers are tubular steel construction design that exceeds ANSI and BHMA standards. These levers retrofit all residential applications and add great style to any residential unit.

CONTRA



FEATURES:

- Certification: Meets ANSI A156.2 Grade 3
- Door thickness: 1-3/8" - 1-7/8" range
- Adjustable Backset: 2-3/4" - 2-3/8"
- UL latch available for rated doors upon request
- Functions: Privacy, passage and dummy
- Strike: 1-1/8" x 2 3/4" Full lip radius
- Latch: Deadlocking or spring 1" x 2 1/4" radius
- Warranty: 1 year mechanical and finish
- Finishes: US4, US26

REL



MIRO



ACCESSORIES:

See page 29

STERLING LEVER

The Sterling GLS Series leversets exceed ANSI and BHMA standards. The Solid Brass cylinder is easy to remove for fast re-keying. Sterling locksets retrofit most residential applications and have added trim selection.



FRANKLIN

FEATURES:

- Certification: Meets ANSI A156.2 Grade 3
- Door thickness: 13/8" - 17/8" range
- Adjustable backset: 23/4" - 23/8"
- Cylinder: Kwikset Solid Brass 5 pin construction
- keyed Keying: KA6 standard, 2 keys provided
- Functions: Passage, Privacy, Entrance, Dummy
- Strike: 11/8" x 23/4" full lip radius
- Latch: deadlocking or spring 1" x 21/4" radius
- Warranty: 1 year mechanical and finish
- Finishes: US3, US23D

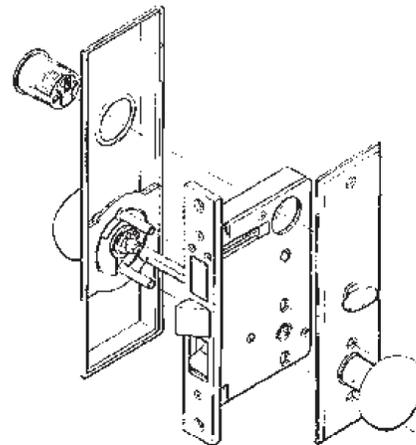
MORTISE LOCK WITH KNOB ESCUTCHEON

The ML914 Mortise lock adds security and style to any mortise prepped door. It features a floating spindle.



FEATURES:

- Solid Brass Mortise lockset with reversible latchbolt
- DL-ML914: Spindle fixed to escutcheons
- Full 1" throw Chrome Plated heavy duty deadbolt
- Solid Brass knobs and escutcheon plates
- Door Thickness: 1 $\frac{3}{4}$ " standard
- Backset: 2 $\frac{1}{2}$ "
- Exterior plate: 2 $\frac{3}{4}$ " x 10" Solid Brass
- Face Plate: 11/16" x 7 5/8"
- Cylinder: Schlage "C" keyway
- Keying: 5 Pin tumbler
- Strike: Standard ASA strike
- Finish: US3



MODEL #ML914

Solid Brass regular knobs - 2 1/4" diameter with floating spindle and thru-bolted escutcheons

CROSS REFERENCE

MARKS MODEL #9140

Solid Brass regular knobs - 2-1/4" diameter with threaded spindle

ACCESSORIES



DL-DLUL238 2-3/8" Backset Deadlatch
DL-DLUL234 2-3/4"



DL-SLUL238 2-3/8" Backset Springlatch



GTA085-SUL1-626 1-1/8" SQ UL DL 2-3/8" US26D
GTA085-SUL2-626 1" SQ UL DL 2-3/8" , US26D
GTA096-SUL1-626 11/8" SQ UL DL 2-3/4" , US26D



GTA068-SUL1-626 1-1/8" SQ UL SL 2-3/8" , US26D
GTA068-SUL2-626 1" SQ UL SL 2 3/8" , US26D
GLA116-SUL2-626 1-1/8" SQ UL SL 2-3/4" , US26D



DL-EXB5 5"
 BACKSET
 EXTENSION



DL-DX161 FILLER COVER
 2-3/8" Filler Plate
 Finishes: USP, US26D

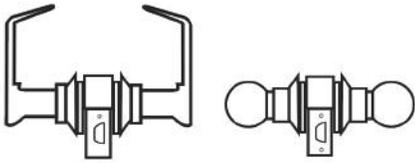


GLA026-626 SQUARE CORNER 1-1/4" x 2-1/4", Full Lip Strike
GLA001-626 1-1/4" x 2-3/4", "T" Strike
GLA025-626 1-1/4" X 4-7/8", ASA Strike



DL-TA019 1-1/8" X 1-1/4"
 Deadbolt Strike

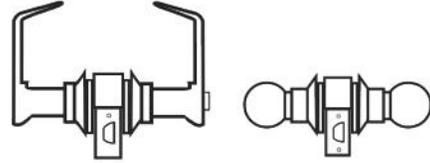
FUNCTIONS



10 PASSAGE F75

Lockset for interior door applications. Both levers / knobs are free.

LHV, LSV, HVB, SVB, GAL, GLC

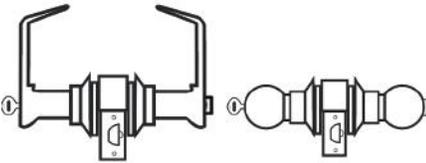


40 PRIVACY F76

Lockset for interior applications. Push button locking from interior. Lock can be opened by rotating interior lever or knob.

Safety unlocks for emergencies.

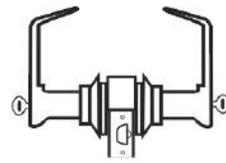
LHV, LSV, HVB, SVB, GAL, GLC



53 ENTRY F109

Lockset for interior / exterior applications. Pushing button creates privacy function, turning thumbpiece creates storeroom function. Opens with key.

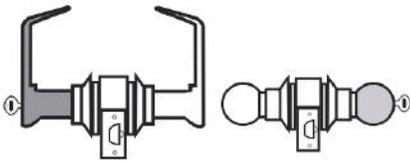
LHV, LSV, HVB, SVB, GAL, GLC



60 DOUBLE CYLINDER

Key in lever locks or unlocks from both sides. Sides are independent of each other.

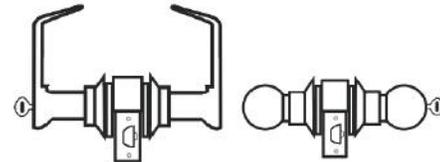
LSV



80 STOREROOM F86

Outside lever is always locked. Key must be used to open. Used for secured areas.

LHV, LSV, HVB, SVB, GAL, GLC



70 CLASSROOM F84

Exterior lever locked or unlocked by key. Interior lever always allows egress.

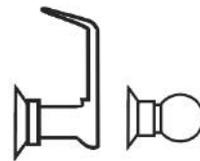
LHV, LSV, HVB, SVB, GAL



20 EXIT

Blank plate on outside. Interior lever always free.

LSV



DT DUMMY

Dummy trim for one side of door, no latch.

LSV, SVB, GAL

SPECIFICATIONS



GLOBAL DOOR LOCK SPECIFICATION

- Must specify keying preferences
- Must specify if 2-3/8" backset desired

SERIES	FUNCTION	TRIM	FEATURE	FINISH
GAL └─ GAL GLC GLS	1151 └─ 1110 Passage 1140 Privacy 1151 Entrance 1170 Classroom 1180 Storeroom 170 Dummy	L └─ L Lever B Ball Knob	R └─ Removable Thru-Bolt IC Core	626 └─ 626: Brushed Chrome 630: Brushed Stainless Steel 605: Polished Brass



TRANS-ATLANTIC LOCK SPECIFICATION

- Must specify if 2-3/8" backset desired

SERIES	FUNCTION	FEATURE	FINISH
DH-LHV └─ DL-LHV DL-HVB DL-LSV DL-SVB	53 └─ 10 Passage 40 Privacy 53 Entrance 70 Classroom 80 Storeroom DT Dummy	CL └─ Clutch IC Core	US26D └─ US3: Polished Brass US10B: Oil Rubbed Bronze US26D: Brushed Chrome US32D: Brushed Stainless Steel

CERTIFICATION REFERENCE

- **FEDERAL** Meets FF-H-106C
- **ADA** All levers conform to A117.1 Barrier Free Accessibility Code
- **ANSI/BHMA** Meets ANSI A156.4 Series 4000-Grade 2 - Strength and Operation
- **UL-ULC** All locks listed for A label single doors 4'x8'; the letter F and UL symbol on latch front indicate listing

EXIT DEVICES

EXIT DEVICES

EXIT DEVICES

28 Grade 1 ED900 Series
30 Grade 1 ED800 Series

RIM SURFACE

32 Grade 1 ED500 Series

NARROW STILE

34 Grade 2 STED Series

ACCESSORIES

36 Accessories

Our Heaviest Duty Grade 1 900 Series Panic Device is great for any contract job or heavy traffic area. It is a direct replica of a Von Duprin 98/99 Series panic bar and hole for hole matches all the preps. Great for a value replacement. We offer all sizes of rim panics, vertical rods, mortise panics and concealed vertical rods available. With a combination of Stainless steel push pad and aluminum body, this perfectly embodies the look, quality, and feel of the highest quality panic bar in the market.



FEATURES

- ANSI A156.3 Grade 1
- Non-handed or Mortise (M901)
- Door width: up to 36"
- Comes with standard strike and shim
- Dogging standard
- Warranty: 1 year mechanical and finish
- Plastic End cap
- Can be cut down to 28" in length
- Minimum Stile Width: 4 - 7/32"
- Door Thickness: 1 - 3/4" to 2"
- UL: Certified UL 305
- ED-F901: UL10C fire rated. Bar comes dogging std please request fire conversion plate as needed
- Finishes: US32D



ED-M901
MORTISE SURFACE EXIT DEVICE



CODE COMPLIANCE

- ANSI A156.3 Grade 1, UL-R41380 and UBC 7.2 for positive pressure
- ANSI A117.1 ADA Barrier-free Accessibility

ED-900 SERIES

GRADE 1



Our Heaviest Duty Grade 1 900 Series Panic Device available in a vertical rod form factor. It is a direct replica of a Von Duprin 98/99 Series panic bar and hole for hole matches all the preps. Great for a value replacement. With a combination of Stainless steel push pad and aluminum body, this perfectly embodies the look, quality, and feel of the highest quality panic bar in the market.

FEATURES

- ANSI A156.3 Grade 1
- Handing: Field Reversible
- Door width: 36"
- Comes with standard strike and shim
- Doors height: 7'
- ED-3MVR931 - Mortise Option
- Mounting Height: 41" CL to finished floor
- Dogging standard
- Warranty: 1 year mechanical and finish
- Plastic End cap
- Can be cut down to 28" in length
- Spring loaded latches
- Finishes: US32D
- UL10C Fire Rated. Bar comes dogging std, please request fire rated conversion plate as needed.



ED-VR931
VERTICAL ROD EXIT DEVICE

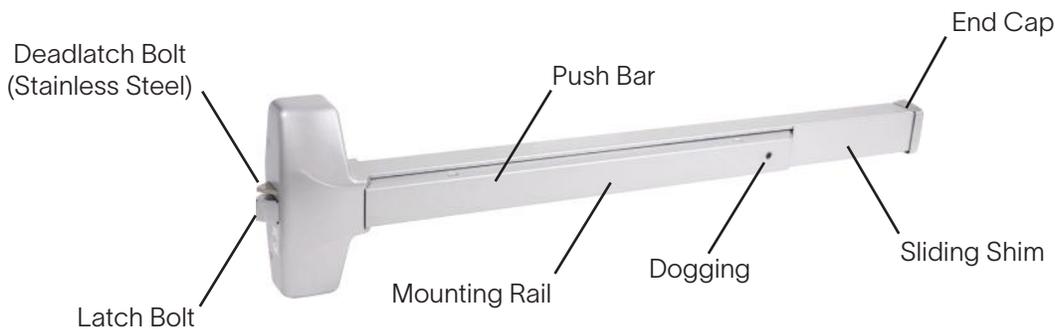


ED-3VR931
3-POINT VERTICAL ROD OPTION



ED-3MVR931
MORTISE VERTICAL ROD OPTION

The ED-800 is an ANSI/BHMA A156.3, Grade 1 series exit devices. All inside components are made of high rust-resistant alloy or heavily electroplated steel to protect from corrosion. (A) label rating on pairs of doors up to 8' x 8' swinging in same or opposite directions. All devices are non-handed or reversible design and UL Listed for Fire Exit hardware up to 3 hours. High shock-resistant painting, electroplated, or architectural base material finish on all exposed surfaces are available. Outside trims are provided by rose and escutcheon lever or knob in a variety of assortments. All trims feature a through-bolted design to the devices that allow for more security and durable installation. High shock-resistant latching mechanical design for protection from vandalism.

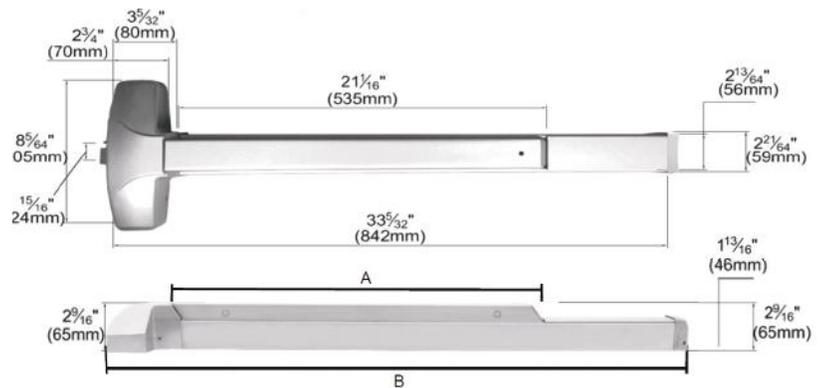


ED-800

RIM SURFACE EXIT DEVICE

FEATURES

- ANSI A156.3 Grade 1
- Certified UL 305 & UL10C 3 hour fire rated
- Stainless steel latch bolt, 3/4" throw
- Stainless steel deadbolt
- 600 Rigid Strike
- 1/2 turn hex key dogging standard, available with CLD2
- Door thickness: 1-3/4" - 2" standard
- Door width: 24", 36" (standard), 48"
- Minimum Stile Width: 3-35/64" (90mm)
- Mounting height: 41" from CL to finished floor
- Projection Push Bar neutral 2-9/16" (65mm), depressed 1-7/8" (48mm)
- Finishes: AL, US32D



CODE COMPLIANCE

- ANSI A156.3 Grade 1, UL-R41380 and UBC 7.2 for positive pressure
- ANSI A117.1 ADA Barrier-free Accessibility

ED-800 SERIES

GRADE 1



The ED-VR831 is an ANSI/BHMA A156.3, Grade 1 series exit devices. All inside components are made of high rust-resistant alloy or heavily electroplated steel to protect from corrosion. (A) label rating on pairs of doors up to 8' x 8' swinging in same or opposite directions. All devices are non-handed or reversible design and UL Listed for Fire Exit hardware up to 3 hours. High shock-resistant painting, electroplated, or architectural base material finish on all exposed surfaces are available. Outside trims are provided by rose and escutcheon lever or knob in a variety of assortments. All trims feature a through-bolted design to the devices that allow for more security and durable installation. High shock-resistant latching mechanical design for protection from vandalism.

FEATURES

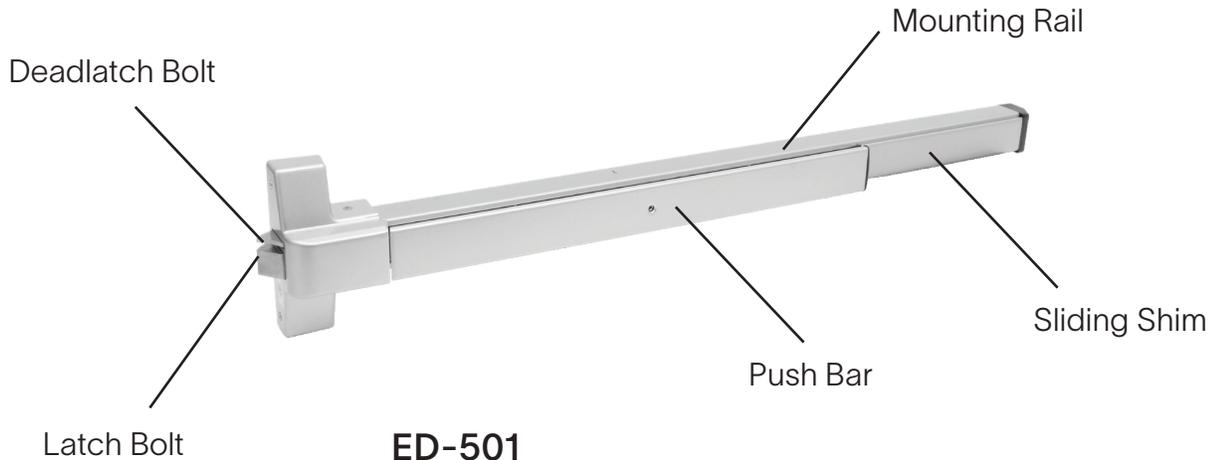
- ANSI A156.3 Grade 1
- Certified UL 305 & UL10C 3 hour fire rated
- Stainless steel latch bolt, top latch 3/4" throw and bottom latch 1/2" throw
- 720 Top Strike, 730 Bottom Strike
- 1/2 turn hex key dogging standard, available with CLD2
- Door thickness: 1-3/4" - 2" standard
- Door width: 24", 36" (standard), 48"
- Minimum Stile Width: 3-35/64" (90mm)
- Mounting height: 41" from CL to finished floor
- Projection Push Bar neutral 2-9/16" (65mm), depressed 1-7/8" (48mm)



CROSS REFERENCE

ANSI GRADE	MATERIAL	TACO	VON DUPRIN	TELL	Hager	Cal-Royal
A156.3 - GRADE 1	STEEL	ED-800	99	8300	4700	7700

The 501 Series "rim type" exit device is suitable for doors (hollow metal, or wood) where there is no projection on the surface. It is appropriate for heavy duty commercial and industrial applications. Fits doors 26" to 36" and XL for 48" and is non-handed and reversible.



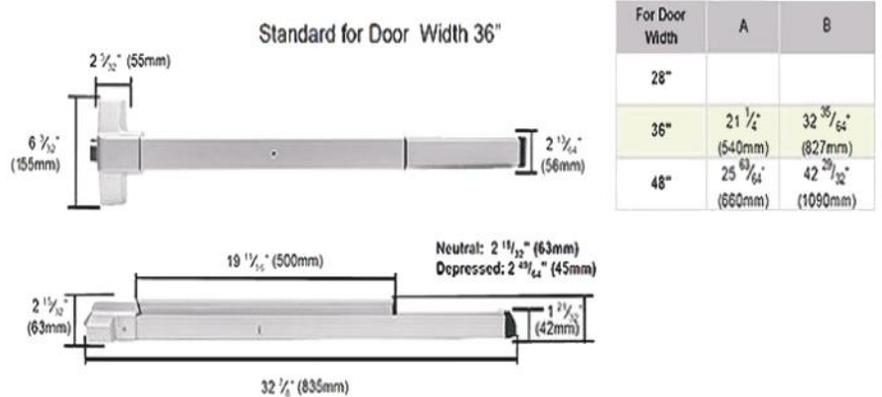
ED-501
RIM SURFACE EXIT DEVICE



FEATURES

- UL Listed SA32524 ANSI A156.3 Grade 1
- EDFVR531: UL10C fire rated; barrier free
- Door width: 26" to 36"
- Available in XL: up to 48"
- EAK500: Alarm kit
- Projection: 2 1/4"
- Door thickness: 1 3/4" up to 2"
- Comes with standard strike and shim
- Door height: 7'
- 12" extension rod available - ED-ROD12
- Dogging standard on non-fire rated
- Warranty: 1 year mechanical and finish
- Plastic end cap
- Can be cut down to 26" in length
- Spring loaded latches
- Finishes: AL, DU, US32D, US3

Dimensions



CODE COMPLIANCE



- UL Listed R27122-20220826 ANSI A156.2 Grade 1, UL10C and UBC 7.2 for positive pressure
- ANSI A117.1 ADA Barrier-free Accessibility

ED-500 SERIES

GRADE 1



The VR531 Series panic device blends the utility of a vertical rod application with the appearance of a modern style panic device. It is non-handed and reversible with a contoured cross bar that will fit doors 26" to 36" and XL for 48". Suitable for heavy duty commercial and industrial applications.

FEATURES

- UL Listed SA32524 ANSI A156.3 Grade 1
- ED-F501: UL10C fire rated; barrier free
- Non-handed / reversible
- EAK500: Alarm kit
- Door width: 26" to 36"
- Available in XL: up to 48"
- Projection: 2 1/4"
- Door thickness: 1 3/4" up to 2"
- Stile: 3" minimum
- Comes with standard strike and shim
- Dogging standard on non-fire rated
- Warranty: 1 year mechanical and finish
- Plastic end cap
- Can be cut down to 26" in length
- Finishes: AL, DU, US32D, US3



ED-VR531
RIM VERTICAL ROD EXIT



CROSS REFERENCE

ANSI GRADE	MATERIAL	TACO	INTERN	TELL	S. PARKER	CRL
A156.3 - GRADE 1	STEEL	ED-501	55105	8300	VL520	N/A
A156.3 - GRADE 1	STEEL	ED-F501	5510F	F8300	52024	N/A
A156.3 - GRADE 1	STEEL	ED-FVR531	55305	8400	520V	N/A
A156.3 - GRADE 1	STEEL	ED-FVR532	5530F	F8400	5203V	N/A

The TH1100-STED Series narrow stile "rim type" exit devices are suitable for all doors (aluminum, hollow metal or wood) where there is no projection on the surface. Manufactured of extruded Anodized Aluminum, and is durable enough for most demanding applications. A rim cylinder is included.



TH1100-STED
RIM SURFACE NARROW STILE EXIT DEVICE

FEATURES

- ANSI A156.3 Grade 2
- Narrow stile
- Includes rim cylinder
- UL Listed SA10672 - Panic hardware
- Requires a 2" mounting surface for typical use with narrow, medium and wide stile Aluminum, hollow metal or wood doors.
- Non-handed / reversible
- Latch bolt throw 5/8"
- Dogging: Dogging by Hex key in touch bar
- Outside unlatching with standard rim cylinder
- Door Width: Standard units for 36" and 48" door widths (can be field sized)
- Can be used on 30" wide doors
- Finishes: AL, DU

CODE COMPLIANCE



- AL Listed SA10672
- ANSI A156.2 Grade 2, UL10C and UBC 7.2 for positive pressure
- ANSI A117.1 ADA Barrier-free Accessibility

STED SERIES

GRADE 2



The TH1100-STEDCVR Series narrow stile "rim type" exit devices are suitable for all doors (aluminum, hollow metal or wood) where there is no projection on the surface. Manufactured of extruded Anodized Aluminum, and is durable enough for most demanding applications. A rim cylinder is included.

TH1100-STEDCVR CONCEALED VERTICAL ROD NARROW STILE EXIT DEVICE



FEATURES

- ANSI A156.3 Grade 2
- Narrow stile
- Includes mortise cylinder and cylinder mounting pad with locking ring
- UL Listed SA10672 - Panic hardware
- For use with narrow, medium and wide stile Aluminum doors
- Non-handed / reversible
- Dogging: Outside unlatching and dogging by cylinder key or dogging by Hex key in touch bar
- Top Steel toggle latch and bottom Steel rod latch bolt
- Unit uses standard TH1100-BC mortise cylinder
- Mounting pad and locking ring
- Door Width: Standard units for 36" and 48" door widths (can be field sized)
- Door Height: up to 7'
- Can be used on 30" wide doors
- Finishes: AL, DU

CROSS REFERENCE

ANSI GRADE	MATERIAL	GLOBAL	INTERN	TELL	S. PARKER	CRL
A156.3 - GRADE 2	STEEL	TH1100-STED	56105	N/A	N/A	35A
A156.3 - GRADE 2	STEEL	TH1100-STEDCVR	N/A	N/A	N/A	3347A

ACCESSORIES

GRADE 1

EXIT DEVICE ACCESSORIES



ED-BKL500 Ball Knob



ED-LHL500 Lever Entry
(available in IC)



ED-EL500-US26D



ED-EL510-US26D



ED-BKL580 Ball Knob



ED-LHL580 Lever Storeroom
(available in IC)



TH1100-TPEDAL



TH1100-DUMEDAL



ED-BKL510 Ball Knob



ED-LHL510 Lever Passage



ED-EL500S-US26D



ED-EL500S-US26D-HD



ED-P08-AL



TH1100-STED-PULL

ACCESSORIES

GRADE 1

EXIT DEVICE ACCESSORIES



ED-KITR
Roller Strike and Shim
(included with device)



ED-PS08
Overlapping Strike



ED-PP06
Pull Plate



ED-PP05
Pull Plate w/ Hole



ED-EAK500



ED-SB1024 1-3/4" Thru Bolts
(sold as each)



ED-SF1
Strike Filler



ED-LF1
Latch Filler



TH1100-CVRPAD
Cylinder Mounted
Pad



TH1100-RC
Rim Cylinder



TH1100-BC
Mortise Cylinder



ED-RC051
Rim Cylinder

ED-ANSIKIT-AL
ANSI KIT

ANSI KIT INCLUDES:

- ED-SF1
- ED-LF1
- ED-SC1024

DOOR CLOSERS

DOOR CLOSERS

SURFACE MOUNTED

40 Grade 3 TC2200

41 Grade 1 TC200

42 Grade 1 TC400 / TC500

43 Grade 1 TC600

44 Grade 1 TC4300

45 Grade 1 TC4361

OVERHEAD CONCEALED

48 TC7000

TRI-PACKED STREAMLINE

46 Grade 1 DC70

47 Grade 1 DC90

RESIDENTIAL

49 TC901 LOW PROFILE

ACCESSORIES

50 Accessories

FIXED SPRING ECONOMY STREAMLINE CLOSER

The TC2200 is our most economically priced streamline closer. It is recommended for use on aluminum store front, wooden or hollow metal doors. The TC2200 is a versatile utility closer that provides narrow styling and has a full selection of accessories to accommodate the requirements of any application.

FEATURES

- Aluminum Alloy body
- Rack and Pinion Operation
- Non-handed / reversible
- Latch and Sweep Speed Control Valves
- Packed for standard and top jamb mounting
- Supplied with both wood and machine screws
- Spring size closers # 2, 3, 4, 5 (backcheck optional 3-5)
- 5 year mechanical warranty
- Finish: AL, DU



OPTIONS

- Backcheck - BC
- Parallel Arm Mount - PA
- Hold Open Arm - HOA
- Hold Open Parallel
- TC2201ADA ADA Compliant Option
- TC2201ADA-PACOVSN - Tri-Pack Option
- Includes cover, throughbolts and PA bracket



CERTIFICATIONS

- ANSI/BMHA A156.4 , Grade 1 certified
- UL /cUL listed R13255
- UL10C listed for positive pressure fire test
- TC2201ADA Series is designed to comply with requirements for ADA and ANSI standard A117.1

SPECIFICATIONS

DESCRIPTION	TC2202	TC2203	TC2204	TC2204
A. Length of Closer Body	8 7/8"	8 7/8"	9 3/4"	9 3/4"
B. Horizontal Mounting Holes	8 3/16"	8 3/16"	9 1/16"	9 1/16"
C. Vertical Mounting Holes	3/4"	3/4"	3/4"	3/4"
D. Height of Closer Body	1 3/4"	1 3/4"	1 3/4"	1 3/4"
E. Projection from Door	2 7/8"	2 7/8"	2 7/8"	2 7/8"

TC200

GRADE 1



GLOBAL DOOR
C O N T R O L S

STANDARD STREAMLINE CLOSER

The TC200 Series is our most versatile closer that provides narrow styling and has a full selection of accessories to accommodate the requirements of any field application. It is recommended for use on aluminum storefront, wooden or hollow metal commercial doors. In this series, we offer fixed spring sizes 2-5. Our TC201ADA model offers adjustable spring power sizes 1-4 for use on interior doors requiring less than 5 lbs. of opening force and exterior doors requiring less than 8.5 lbs. and is ADA compliant. All models will retrofit most full-size closers with a 9 1/16" industry standard hole pattern.

FEATURES

- Aluminum Alloy body
- Rack and Pinion Operation
- Non-handed / reversible
- Spring size closers # 2, 3, 4
- Three independent valves control sweep, latch and backcheck closing speeds
- Packed for standard and top jamb mounting
- Supplied with both wood and machine screws
- 5 year mechanical warranty
- Finish: AL, DU
- Multi-size closers 1-4 (TC201ADA) and 2-6 (TC201)



OPTIONS

- Parallel Mount - PA
- Hold Open Arm- HOA
- Hold Open Parallel Arm Bracket - HOPAB-1245 (order separately)

CERTIFICATIONS

- ANSI/BMHA A156.4 , Grade 1 certified
- UL /cUL listed R13255
- UL10C listed for positive pressure fire test
- TC201ADA Series is designed to comply with requirements for ADA and ANSI standard A117.1

HEAVY DUTY CLOSER

The TC400 and TC500 Series are recommended for use on commercial, architectural and institutional applications. These models are ideal for commercial, new construction and renovations. Both models have a full selection of accessories to accommodate the requirements of any door application. Fully compliant with opening force requirements for ADA and ANSI/BHMA standards.

FEATURES

- Aluminum Alloy body
- Rack and Pinion Design
- Non-handed / reversible
- Built-in Back check
- Narrow cover - 400 slimline series
- Full cover - 500 standard series
- Multi-size spring model 411: adjustable power 1 - 4
- ADA barrier free model 512: adjustable power 2- 6
- Three independent regulating valves – control sweep, latch closing speeds and backcheck
- Tri packed- regular, top jamb, parallel arm mount
- Supplied with both wood and machine screws
- 5-year mechanical warranty
- Finish: AL, DU



OPTIONS

- Delayed Action - TC411DA in lieu of backcheck
- Hold Open Parallel Arm Bracket - HOPAB-1245 (order separately)

CERTIFICATIONS

- ANSI/BHMA A156.4, Grade 1 certified
- UL listed R13255
- ADA compliant (BF-6)

Replacement Hole Pattern Same As Norton 8301 / 8501 and Yale 3301 / 3501		
DESCRIPTION	SIZE	
A. Length of Closer Body	12 3/4"	
B. Horizontal Mounting Holes	12"	
C. Vertical Mounting Holes	3/4"	
D. Height of Closer Body	1 13/16"	
E. Projection from Door	2 1/8"	

TC600 SERIES

GRADE 1



GRADE 1 CLOSER

The TC600 Series is our most economically priced full cover closer. It is recommended for use on commercial, architectural and institutional applications. It is ideal for new construction and renovations. This model has a full selection of accessories to accommodate the requirements of any field application. Fully compliant with opening force requirements for ADA and ANSI/BHMA standards.

FEATURES

- Aluminum Alloy body
- Non-handed / reversible
- Full cover included
- Multi-size spring model 611: adjustable power 1- 4
- ADA barrier free model 612: adjustable power 2- 6
- Three independent regulating valves – control sweep, latch closing speeds and backcheck
- Tri packed- regular, top jamb, parallel arm mount
- 5-year mechanical warranty
- Finish: AL, DU



OPTIONS

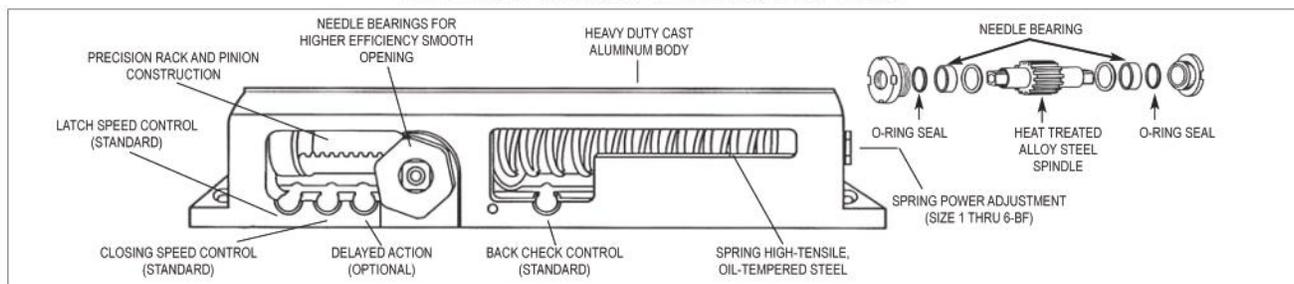
- Hold Open - HOA
- Hold Open Parallel Arm Bracket - HOPAB-1245 (order separately)

CERTIFICATIONS

- ANSI/BHMA A156.4, Grade1 certified
- UL listed R13255
- ADA compliant (BF-6)

DESCRIPTION	SIZE
A. Length of Closer Body	11 3/4"
B. Horizontal Mounting Holes	11 1/8"
C. Vertical Mounting Holes	9/16"
D. Height of Closer Body	2"
E. Projection from Door	2 7/8"

Conforms to Standards UL10C and UBC7-2-1997



HEAVY DUTY GRADE 1 CLOSER

The TC4300 Series is our heaviest duty closer for institutional and other high traffic demanding applications. It has a wide choice of options and installation accessories to accommodate the requirements specified in any industrial or institutional application. This model comes tri-packed standard and can be ordered with different arm styles for maximum versatility. Fully compliant with opening force requirements for ADA and ANSI/BHMA standards.

FEATURES

- Cast Iron Body
- Hardened Steel rack & pinion
- Non-handed / reversible
- Multi-size springs: 1-6 adjustable power ADA compliant
- Independent latch, sweep and back-check
- Tri packed- regular pull side, top jamb, parallel arm
- Supplied with both wood and machine screws
- 5 year mechanical warranty
- Finish: AL, DU



OPTIONS

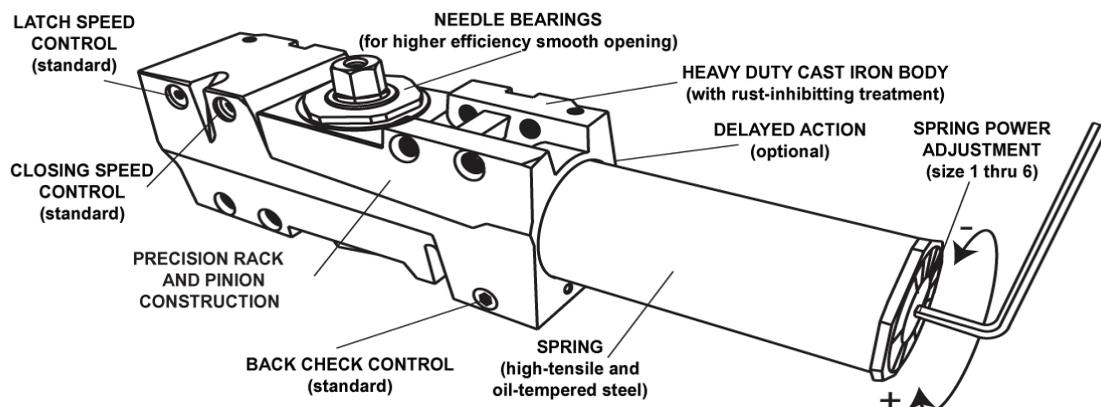
- Heavy Duty - HD
- Cush-N-Stop Arm - CNS
- Hold Open Cush-N-Stop Arm – HOACNS

CERTIFICATIONS



- UL listed R13255
- ANSI A156.2 Grade 1 certified
- ADA compliant

DESCRIPTION	SIZE	
A. Length of Closer Body	11"	
B. Horizontal Mounting Holes	5"	
C. Vertical Mounting Holes	1"	
D. Width of Closer Body	2 3/4"	
E. Projection from Door	2"	



TC4361 SERIES

GRADE 1



HEAVY DUTY GRADE 1 CLOSER

The TC4361 Series is recommended for use on heavy duty commercial, architectural and institutional applications. It is ideal for new construction and renovations. It has a full selection of accessories to accommodate the requirements of any application.

The series is tri-packed standard. Closers with non-hold open arms are UL listed for "A" label fire doors. Fully compliant with opening force requirements for ADA and ANSI/BHMA standards.

FEATURES

- Aluminum Alloy body
- Non-handed / reversible
- Slimline cover
- Multi-size springs: 1- 6 adjustable power ADA compliant
- Independent latch, sweep and back-check
- Tri packed- regular, top jamb, parallel arm mount
- Supplied with both wood and machine screws
- 5 year mechanical warranty
- Finish: AL, DU



OPTIONS

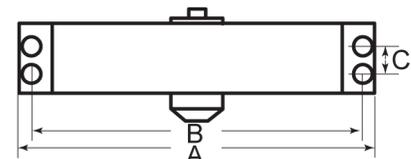
- Heavy Duty- HD

CERTIFICATIONS

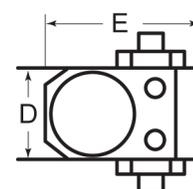
- UL listed R13255
- ANSI A156.2 Grade 1 certified
- ADA compliant

SPECIFICATIONS

DIMENSION DESCRIPTION	300PBFCOV / 300PCOV
A. Length of Closer Body	9 3/4"
B. Horizontal Mounting Holes	9 1/16"
C. Vertical Mounting Holes	3/4"
D. Height of Closer Body	1 3/4"
E. Projection from Door	2 7/8"



FRONT VIEW



300 Series
END VIEW

TRI-PACKED ADJUSTABLE STREAMLINE CLOSER

Closer - Closers shall be TA model number DC70, full rack and pinion type with cast aluminum body. All closers shall be provided with non-critical hex-key adjustment to independently regulate the sweep, latch and back check. Closers shall be non-handed with full cover and projection of 2-1/2" from the surface of the door. Closer shall have full spring adjustment from size 2 to size 6. The closer shall be pre-adjusted at the factory to size 3 for DC70. Each closer shall be adjusted for each door condition and mounted to allow the maximum degree of swing.

FEATURES

- Aluminum Alloy Body
- Tri-Pack with regular, parallel and top-jamb mounting, instructions and full size template
- Standard spring adjustment from size 2 to 6
- Non handed
- Standard with adjustable sweep, latch and back check
- Full plastic cover
- SRT - Self Reaming and Tapping Screws
- Standard hole pattern and mounting location
- 5 year mechanical warranty
- Finishes - AL, DU



OPTIONS

- DA - Delay Closing Action
- HO - Friction Hold-Open Non-Handed Arm CUSH
- Heavy Duty Parallel Mount Cush Arm HO-CUSH
- Heavy Duty Parallel, Hold-Open Cush Arm
- 70-09 - Drop Plate, Pull-side Mount
- 70-11 - Back Plate - Top Jamb Mount Plate.

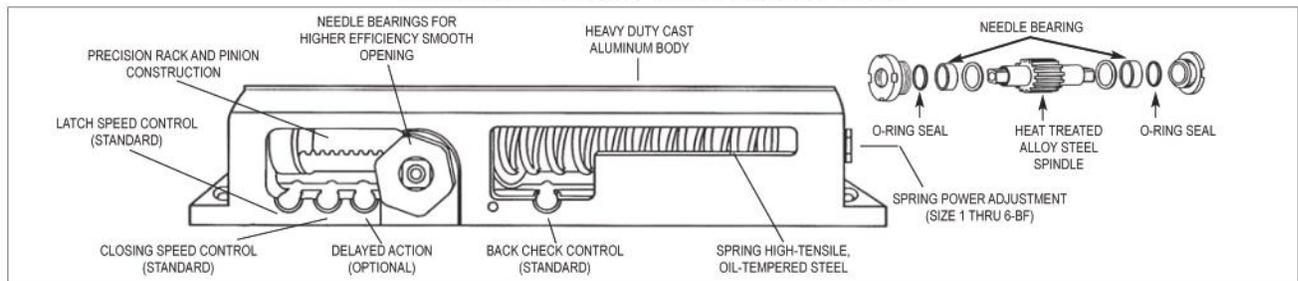
CERTIFICATIONS



- ANSI/BMHA A156.4 , Grade 1 certified
- UL /cUL listed R13255
- UL10C listed for positive pressure fire test

DESCRIPTION	SIZE
A. Length of Closer Body	11 3/4"
B. Horizontal Mounting Holes	11 1/8"

Conforms to Standards UL10C and UBC7-2-1997



DC90 SERIES

GRADE 1



GRADE 1 ADJUSTABLE STREAMLINE CLOSER

Closers shall be TA model number DC90 and DC90BF, full rack and pinion type with cast aluminum alloy body. All closers shall be provided with non-critical valves adjustment to independently regulate the sweep, latch and back check. Closers shall be non-handed with projection from the face of the door of 2-1/16' without cover and 3" with cover. Closer shall have full spring adjustment from size 1 to size 4 for barrier free (BF). The closer shall be pre-adjusted at the factory to size 2 for the DC90BF.

The closer shall be adjusted for each door condition and mounted to allow the maximum degree of swing.

FEATURES

- Alluminum Alloy Body
- Rack and pinion design
- Non-handed
- Standard spring adjustment from size 1 to 4
- Standard with adjustable sweep, latch and back check
- Standard hole pattern and mounting location
- 5 year warranty
- Finishes - AL, DU



OPTIONS

- BF -Barrier free spring adjustment from size 1 to 4
- SPC -Tri-Pack with regular, parallel and top jamb mounting, instructions and full size template

CERTIFICATIONS



- ANSI/BMHA A156.4 , Grade 1 certified
- UL /cUL listed R13255
- UL10C listed for positive pressure fire test

OVERHEAD CONCEALED CLOSER

For those who prefer the visual advantages of a concealed door closer, the TC7000 Series compact design offers an excellent "hidden" solution. Center-pivoted for single and double acting doors. This model is recommended for installation in aluminum door frame applications. It features multiple spring tensions available to match any door size and weight. Consistent closure speed is assured with its temperature-sensitive hydraulic fluid.

FEATURES

- Cast Iron housing, high tensile Steel camshaft and pistons
- Two independent regulated valves for latch and closing speed adjustment
- Mounting: fits in an aluminum header or transom bar as small as 1 3/4" x 4" Stocked LP less parts
- Non-hold open closers are UL Listed
- Closer body spring tension: adjustable 2-5, light #2, medium #3, heavy #5
- Center Pivoted only are ADA compliant:
- barrier free adjustable models TC7010, TC7011



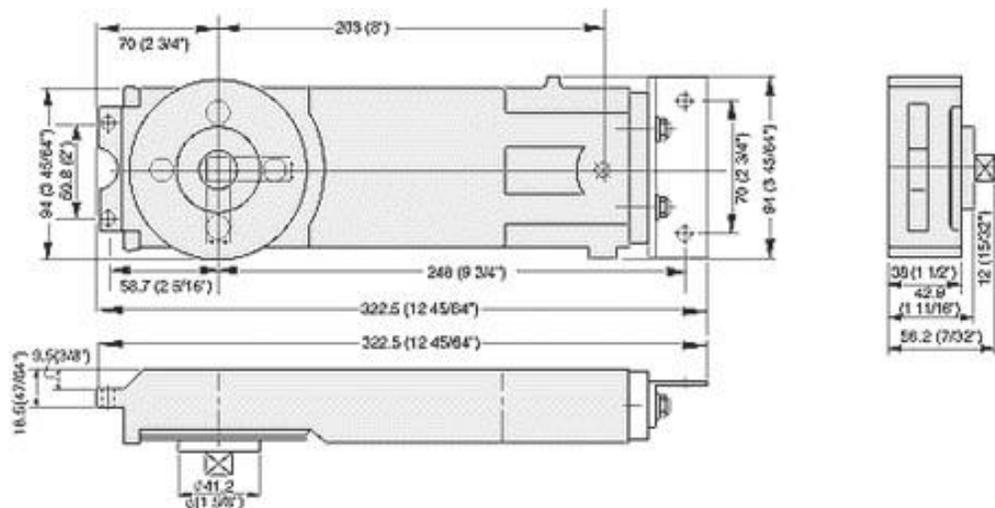
OPTIONS

- 90 or 105 degree swing - non- handed
- Feature: Hold open or non-hold open
- Spring Tension: ADJ LT, MED, HD
- Pivot Set: OHC, AE, GE
- Extended Spindle - TC7031LP-EXT



CERTIFICATIONS

- UL listed R
- ANSI A156.2 Grade 1 certified
- ADA Compliant: 1-4



TC900 SERIES



LOW PROFILE MINI DOOR CLOSER

The TC900 series is a sleek, low-profile door closer designed for light-duty residential applications. Engineered for smooth and reliable performance, it provides controlled closing action to enhance safety and convenience in your home. Its compact design ensures a discreet appearance

FEATURES

- Low profile, residential mini door closer
- For wood or metal doors
- For any door up to 150 lbs. / 36" wide
- Easy to install, no special tools required
- Reversible for left or right hand doors
- Applicable for out swinging / in swinging doors
- Available with hold open
- Finish: WH-White, BR-Brown, BK Black, BRA-Brass



MODEL#	MAXIMUM DOOR SIZE	MAXIMUM DOOR WEIGHT	SPRING TENSION
TC901	36" Interior	150lbs.	3

ACCESSORIES

GRADE 1

DOOR CLOSER ACCESSORIES

For the TC4300 Series

DROP PLATE HOLES ARE NOT EXACT TO IMAGE



DP-4300-18TJ

DROP PLATE - NARROW
TRANSOM BARS



PAB-4300

PARALLEL ARM
BRACKET



RA4300

REGULAR ARM
UL Listed R7483



DP-4300-18G

REGULAR ARM



SXN-134

1-3/4" THRU-BOLTS



RA-4300-HD

HEAVY DUTY ARM
UL Listed R7483



DP-4300-18

DROP PLATE - PULL SIDE
MOUNT ON DOOR



TC4340-61

BLADE STOP SPACER



RA4300-3077CNS

CUSH-N-STOP ARM
UL Listed R7483



DP-4300-18PA

DROP PLATE
PARALLEL ARM



TC4340-30

CUSH SHOE
SUPPORT BRACKET



HOA-4300-CNS

CUSH-N-STOP HOLD
OPEN ARM / UL LISTED R7483

ACCESSORIES

GRADE 1

DOOR CLOSER ACCESSORIES

For the TC2200, TC200, TC400, TC500, TC600, DC90 Series



RA-1240

REGULAR ARM
UL Listed R7483



HOA-1245

HOLD OPEN ARM & BRACKET
UL Listed R7483 (Sold Together)



PAB-2200

PARALLEL ARM BRACKET
(MUST REMOVE SHOE)



SXN-134

1-3/4" THRU-BOLTS

For the TC2200 & TC200



DP-1214

3-1/4" DROP PLATE



DP-1204

2-1/4" NARROW DROP
PLATE COVER
(PA INSTALLATION)

For the TC400, TC500 & TC600



DP-1045

DROP PLATE
400 & 500 Series



DP-1006

DROP PLATE
600 Series

ACCESSORIES

DOOR CLOSER ACCESSORIES

For the TC4361 Series



DP-4361-18PA
DROP PLATE
PARALLEL ARM



RA4361-3077CNS
CUSH-N-STOP ARM



HOA-4361-CNS
HOLD OPEN CUSH-N-STOP ARM



SXN-134
1-3/4" THRU-BOLTS

For the TC7000 Series



SLA
SIDE LOAD ARM



ELA
END LOAD ARM



KRM
"K" TYPE ARM



OFFSET-ARM
OFFSET ARM W/ TRACK
FOR 7/8" DEEP RAILS



OHC-PIVOT
DUAL PURPOSE BOTTOM
PIVOT SET



GE-PIVOT
GE PIVOT SET



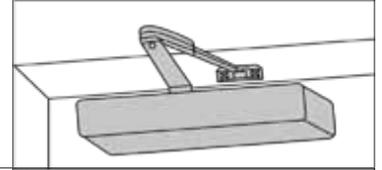
OFFSET-ARM-2
OFFSET ARM W/ TRACK
FOR 5/8" DEEP RAILS

REFERENCE & APPLICATION

APPLICATION

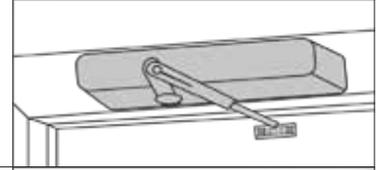
REGULAR ARM (PULL SIDE)

Regular arm mount is a pull side application with double lever arm. The closer mounts on the door and the arm mounts to the frame. It provides the most efficient operation for a door control and is commonly used on in-swing doors from corridors or other interior doors. Regular arm mount is a poor choice for exterior out-swinging doors as it would put the closer on the exterior of the building. The arm assembly projects directly out from the frame. That may be a concern for vandalism or aesthetics. Regular arm application can be used with non-hold open or hold open arms.



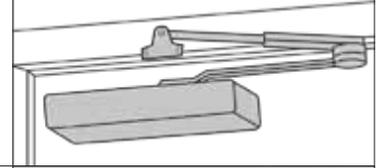
TOP JAMB (PUSH SIDE)

Top jamb mount is a push side double lever arm application that offers the best alternative to regular arm mount. The closed mounts to the frame and the arm mounts to the door. This application is commonly used on exterior out-swing doors. It is a poor application for in-swinging doors from a corridor as it places the closer arm in a visible application projecting into the corridor. The arm projects out similar to regular arm mount. Therefore, it can be a concern for vandalism or aesthetics. Top jamb application can be used with non-hold open arms.



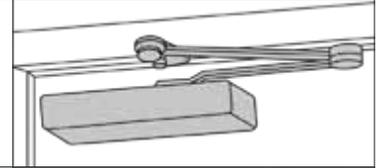
PARALLEL ARM (PUSH SIDE)

Parallel arm mount is a push side double lever arm application. The closer is installed on the push side of the door and the arm is mounted to a parallel arm adapter plate installed to the frame soffit. The arm is approximately parallel with the face of the door, eliminating the projection condition evident with regular arm and top jamb applications. Parallel arm is often preferred where aesthetics or vandalism are concerns. Parallel arm is less efficient than regular or top jamb mounts due to the geometry of the arm. Parallel arm application can be issued with non-hold open or hold open arms.



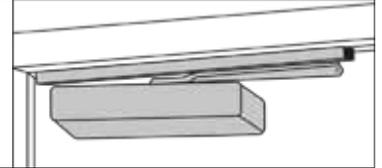
PARALLEL ARM (PUSH SIDE) WITH STOP ARM

The parallel stop arm mount is an enhanced version of the parallel arm application. It is similar to the parallel arm mount but incorporates a heavy duty rigid arm and soffit plate with limiting dead stop. The dead stop feature is field handed. The closer's back-check function should be adjusted to cushion the impact of the stop. The parallel stop arm is intended for use when an auxiliary stop cannot be utilized. The parallel stop arm is available in non-hold open and hold open applications.



TRACK ARM

The "Non-Handed" track arm mount incorporates a single forged main arm for installation in high use, high abuse door applications. It's low profile helps prevent damage.



GLOBAL DOOR CLOSERS CROSS REFERENCES CHART

GLOBAL	CORBIN RUSSWIN	DORMA	DOR-O-MATIC	CAL-ROYAL	HAGER	LCN	NORTON	TACO	PARKER	SARGENT	TAYMOR	YALE
TC600	DC3200	8600FC	SC80FC	900 FULL COVER	5200	1460FC	8501	70	---	1431	1900	3501
TC4300	DC3000 / DC6200	8900	SC70	CR441	5100	4041	9500	7100	441BC	281 / 350	---	4400
TC400 TC500	DC3200 X M76	8600 8600FC	SC80 SC81	CR801S CR801	5200SLC 5200FC	1460-72 1460FC	8301 8501	831 851	BF900 900BC	1330 M30	---	3301 3501
DC70	DC3200		SC80FC					5300	---	1431	---	3501
TC4361	---	640 / 7300 / 7400	---	300	5300	1460	1600	3100	900	1130	---	50
DC90	---	640 / 7300 / 7400	---	500	5300	1070 / 1370	1600	---	900	1130		50
TC2200	---	640	SC90	700	5400	---	9300	DX50/DX90	500	---	600	2300
TC200	4600	600	SC60/61	---	5400	1070	1600	---	---	1130	---	51

The data on this chart represents our judgment of which are most similar. Since no two products are exactly alike, it is not guaranteed nor represented that any specific product exactly equals any other product. Door closer body sizes may be different. The information used in this table has been obtained from trade sources.

HINGES

HINGES

RESIDENTIAL HINGES

56 Residential Full Mortise Hinges

COMMERCIAL HINGES

57 Commercial Template Hinges

SPRING HINGES

59 Full Mortise Spring Hinges

BARREL HINGES

60 Barrel Spring Hinges

CONTINUOUS HINGES

61 Full Mortise Heavy Duty Hinges

RESIDENTIAL HINGES

RESIDENTIAL MORTISE HINGES

The residential full mortise hinge is recommended for use on non-commercial interior and exterior door applications. For use on light to medium weight doors.



FEATURES

- Product testing conforms to ANSI - A156.1 and A156.17
- Full mortise residential
- Square corner standard, 1/4" and 5/8" radius corners available
- Steel base material with steel pin
- Plain bearing removable pin, reversible
- For light to medium weight residential door applications
- Use 3.5" x 3.5" on 1-3/8" hollow or solid core interior doors
- Use 4.0" hinges on heavy residential 1-3/4" doors
- Packed with 3/4" x #9 Phillips head wood screws



MODEL	FINISHES	SIZE	BEARING	TYPE	THICKNESS
CP3535	USP, US3, US4, US10B, US15, US19, US26, US26D	3.5" X 3.5"	Plain	Full Mortise	0.85" (2.2mm)
CP4040	USP, US3, US4, US10B, US15, US19, US26, US26D	4.0" X 4.0"	Plain	Full Mortise	0.129" (3.3mm)

SPRING HINGES

FULL MORTISE SPRING HINGES

Our full mortise single acting spring hinge is recommended for use where automatic self closing of a door is required. This three knuckle hinge is adjustable and the spring tension can be increased or decreased by using adjusting tool included. For maximum versatility use three spring hinges on required opening. Full spring tension may not be required on all hinges but allows for greater adjustment.



FEATURES

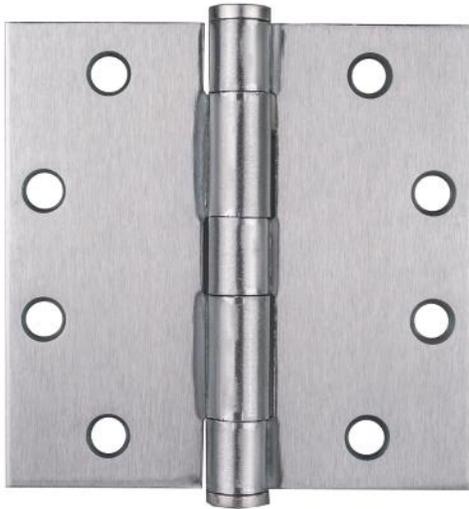
- UL Listed R19063 for “A” label fire doors
- Conforms to ANSI / BHMA - K81071F for self closing hinges
- Meets NFPA 80 for 3 hour fire rating
- Steel base material
- Square and 5/8” radius corner available on 3.5” x 3.5” and 4.0” x 4.0”
- Template screw hole locations
- 3.5” packed with wood screws, 4.0, and 4.5 packed with both wood and machine screws



MODEL	FINISHES	BASE MATERIAL	SIZE	BEARING	TYPE	THICKNESS
CPS3535	USP, US4, US10B, US15, US19, US26D	Steel	3.5” X 3.5”	Plain	Full Mortise	0.85” (2.2mm)
CPS4040	USP, US3, US4, US15, US19, US26D, US32D	Steel	4.0” X 4.0”	Plain	Full Mortise	0.129” (3.3mm)
CPS4545	USP, US3, US4, US15, US19, US26D, US32D	Steel	4.5” X 4.5”	Plain	Full Mortise	0.129” (3.3mm)

COMMERCIAL TEMPLATE HINGES

The commercial template hinge is recommended for use on commercial interior and exterior door applications. For use on medium to heavy weight doors.



PLAIN BEARING

FEATURES

- Commercial: Standard “CP” and Heavy Weight “CPH”
- Sizes: 4.5” x 4”, 4.5” x 4.5”, 4.5”x 5”, 5” x 4.5”
- Plain and Ball Bearing
- Pin: Steel non- rising removable with button tip “NRP”
- Type: Full mortise
- Corner: Square corner standard, 5/32” radius available for storefront application available
- Base material: Steel and Stainless Steel
- Door: For medium to heavy weight
- Fasteners: Packed with wood and machine screws (self-tapping)
- Installation: Template screw hole locations
- Pack: 3 per box sold as each



BALL BEARING

ANSI / BHMA STANDARDS

- Conforms to ANSI A8133 for Plain Bearing
- Conforms to ANSI A8112 for Ball Bearing
- Conforms to ANSI A8111 for Heavy Duty Ball Bearing
- Conforms to ANSI A5133 for Stainless Steel Plain
- Conforms to ANSI A5112 for Stainless Steel Bearing
- Conforms to ANSI A5111 for Stainless Steel HD BB

COMMERCIAL HINGES



COMMERCIAL TEMPLATE HINGES

MODEL	FINISH	BASE MATERIAL	SIZE	BEARING	TYPE	THICKNESS
CP4540BBRNP	US10B, US26D	Steel	4.5" x 4.0"	Ball Bearing NRP	Full Mortise	0.134" (3.4mm)
* CP4545	USP, US3, US4, US10B, US26, US26D	Steel	4.5" x 4.5"	Plain	Full Mortise	0.134" (3.4mm)
CP4545BB	USP, US3, US4, US10B, US26, US26D	Steel	4.5" x 4.5"	Ball Bearing	Full Mortise	0.134" (3.4mm)
CP4545BBNRP	USP, US3, US4, US10B, US26, US26D	Steel	4.5" x 4.5"	Ball Bearing NRP	Full Mortise	0.134" (3.4mm)
CS4540	US32D	Stainless Steel	4.5" x 4.5"	Plain	Full Mortise	0.134" (3.4mm)
CS4540BBRNP	US10B, US32D, BK	Stainless Steel	4.5" x 4.5"	Ball Bearing NRP	Full Mortise	0.134" (3.4mm)
* CS4545	US32D	Stainless Steel	4.5" x 4.5"	Plain	Full Mortise	0.134" (3.4mm)
CS4545BB	US32D	Stainless Steel	4.5" x 4.5"	Ball Bearing	Full Mortise	0.134" (3.4mm)
CS4545BBNRP	US32D	Stainless Steel	4.5" x 4.5"	Ball Bearing NRP	Full Mortise	0.134" (3.4mm)
CPH4545BB	US26D, US19	Steel	4.5" x 4.5"	Ball Bearing	Full Mortise Heavy Weight	0.180" (4.6mm)
CPH4545BBNRP	US26D	Steel	4.5" x 4.5"	Ball Bearing NRP	Full Mortise Heavy Weight	0.180" (4.6mm)
CSH4545BB	US32D	Stainless Steel	4.5" x 4.5"	Ball Bearing	Full Mortise Heavy Weight	0.180" (4.6mm)
CSH4545BBNRP	US32D	Stainless Steel	4.5" x 4.5"	Ball Bearing NRP	Full Mortise Heavy Weight	0.180" (4.6mm)
CSH5045BB	US26D	Steel	5" x 4.5"	Ball Bearing	Full Mortise Heavy Weight	0.190" (4.8mm)
BB168SQNRP545	US26D	Steel	5" x 4.5"	Ball Bearing NRP	Full Mortise Heavy Weight	0.190" (4.8mm)
SSBB168SQNRP545	US32D	Stainless Steel	5" x 4.5"	Ball Bearing NRP	Full Mortise Heavy Weight	0.190" (4.8mm)

*Storefront application hinge

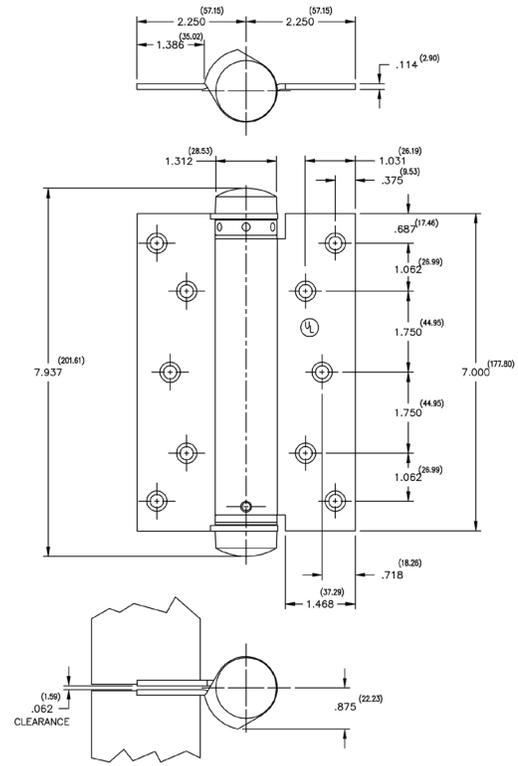
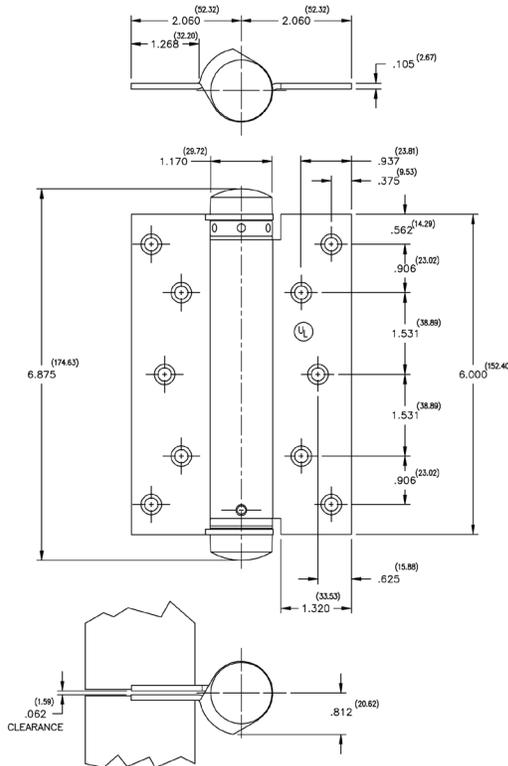
SINGLE ACTING SPRING HINGES

Our single acting spring hinges are both made to strict specifications for exceptional quality. They are recommended for use when automatic self closing of a door is required.



FEATURES

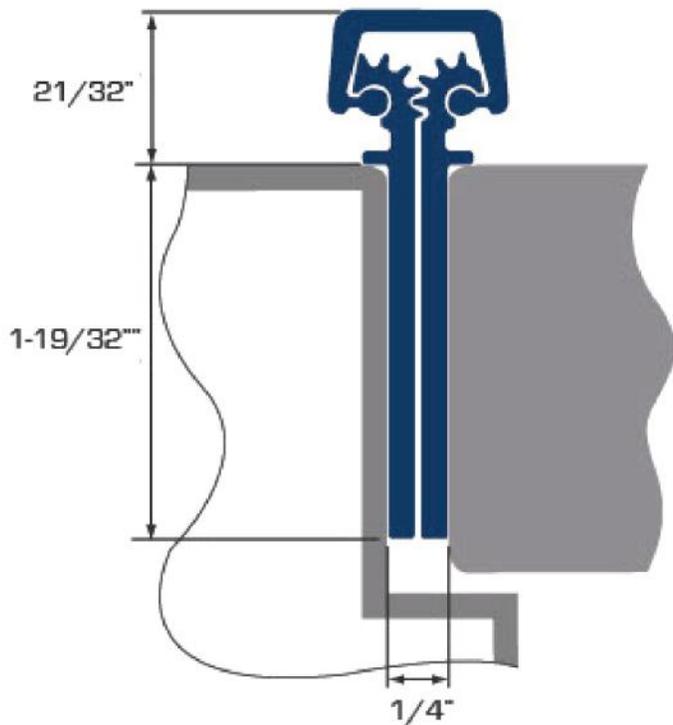
- ANSI A81071F for self closing hinges
- Commercial: Standard weight
- Single acting
- Corner: square standard
- For medium to heavy weight door
- Packed with wood and machine screws
- Similar to Bommer type “big barrel” hinges
- Sold in pairs



MODEL	FINISHES	BASE MATERIAL	SIZE	BEARING	TYPE
DH-5500SA66	USP	Steel	6" X 6"	Plain	Full Mortise
DH-5579645	USP	Steel	6" X 4.5"	Plain	Full Mortise
DH-500SA77	USP	Steel	7" X 7"	Plain	Full Mortise

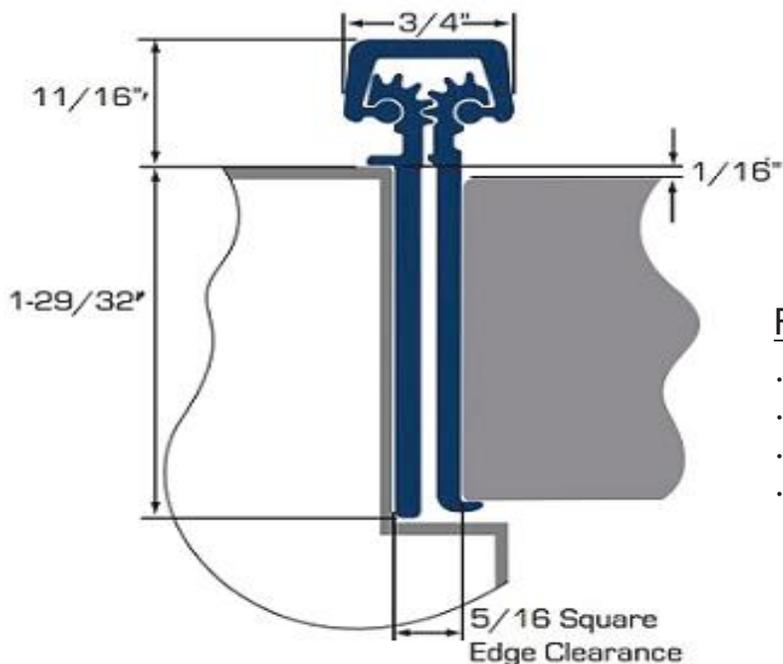
CONTINUOUS HINGES

FULL MORTISE HEAVY DUTY CONTINUOUS HINGES



CFM

- Flush mount
- Each hinge leaf has an alignment stop
- $1/4''$ clearance between door and frame
- Available length: 83"

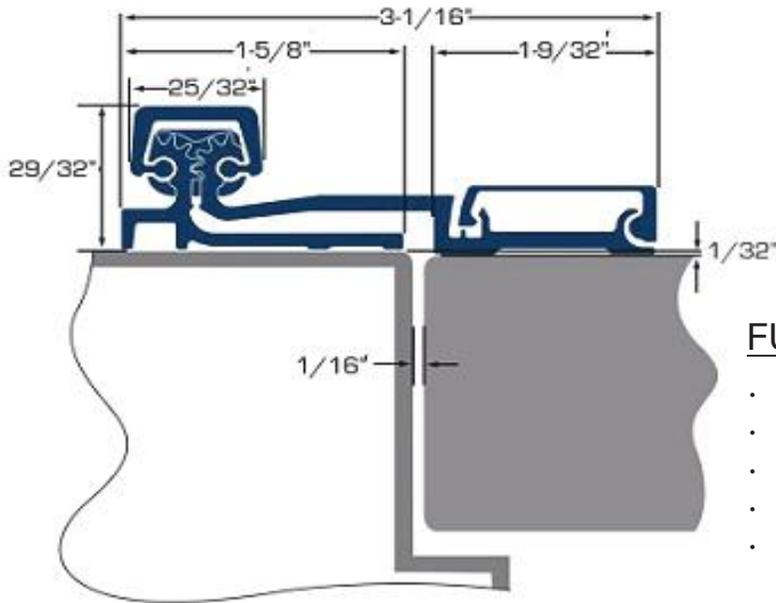


FM2

- $1/16''$ recessed door offset
- Door edge guard
- $5/16''$ clearance between door and frame
- Available lengths: 83" and 95" HD

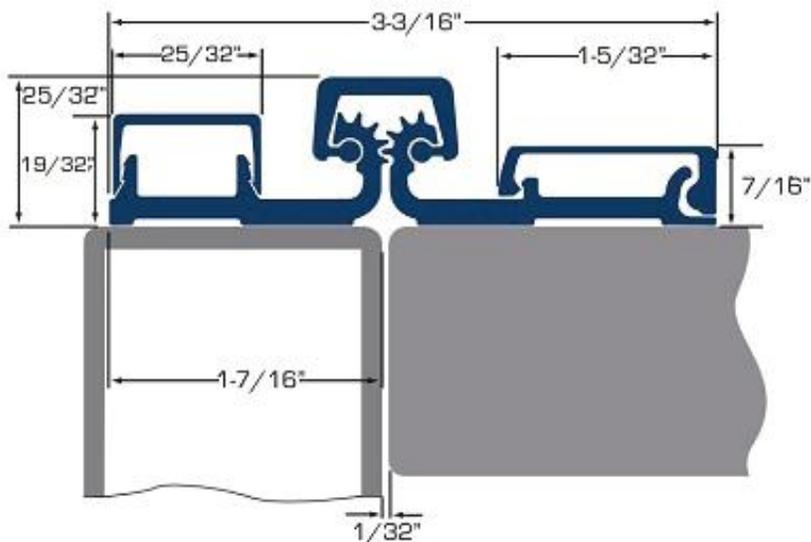
CONTINUOUS HINGES

FULL MORTISE HEAVY DUTY CONTINUOUS HINGES



FULL SURFACE

- Full surface continuous hinge
- 1/32" recessed door offset
- Tamper resistant removable cover
- 1/16" clearance between door and frame
- Available length: 83" and 95"



LIMITED FRAME

- Full surface continuous hinge
- For narrow limited frame applications
- Tamper resistant removable cover
- 1/32" clearance between door and frame
- Available lengths: 83" and 95" HD

CONTINUOUS HINGES

FULL MORTISE HEAVY DUTY CONTINUOUS HINGES

FEATURES



- Available in full mortise and surface mount
- 6063 T6 Aluminum alloy, with interlocking extrusions
- Non-handed design
- 83" or 95" length
- Standard duty with 16 thrust type self-lubricating concealed bearings per hinge
- Heavy duty with 32 thrust type self-lubricating concealed bearings per hinge
- High degree of security
- Anodized Aluminum material
- Through bolt and machine screws
- Templated hole patterns
- 1 year mechanical and finish warranty
- Finishes: AL, DU

CROSS REFERENCE

SIZES	GLOBAL DOOR CONTROLS	ROTON	SELECT	PEMKO
Heavy Duty 83"	THY-1183CFMHD	780-112HD	SL11HD	FMSLFHD
	THY-1183HD	780-210HD	SL21HD	FSHD
	THY-1183FM2HD	780-224HD	SL24HD	FMHD
	THY-1183LFHD	780-157HD	SL57HD	FSCPHD
	THY-1183HSHD	780-053HD	SL53HD	*NEW Half-Surface SKU*
	THY-1183NFHSHD	780-054HD	SL54HD	*NEW Half-Surface SKU*
Heavy Duty 95"	THY-1195CFMHD	780-112HD	SL11HD	FMSLFHD
	THY-1195FM2HD	780-224HD	SL24HD	FMHD
	THY-1195LFHD	780-157HD	SL57HD	FSCPHD

STOREFRONT

STOREFRONT

OFFSET PIVOTS

66 Arch / Vistawall, Old Castle, Armalite Styles

67 Pitco, PPG, EFCO, Aldora, US Aluminum Styles

INTERMEDIATE PIVOTS

68 Intermediate, Arch / Armalite, Kawneer Styles

REINFORCEMENT PLATES

69

MORTISE LOCKS

70

STOREFRONT

72

ACCESSORIES

73 Mortise Cylinders, Rings, Bolts, Pulls

OFFSET PIVOTS

OFFSET PIVOTS

Offset pivots are used for 1/8" recessed door applications. We stock replacement pivots for most major door manufacturers. Suitable for 83" aluminum doors weighing up to 125 pounds. Pivots are engineered and designed for durability, style, and are easy to install.

FEATURES:

- 3/4" offset pivots for aluminum door and frames
- For 1/8" recessed door applications
- Weather resistant
- Aluminum case construction
- 1/8" vertical adjustment
- Full race ball bearing design provides smooth operation on pivot door portion
- No sag, door rests on floor mounted pivot portion
- Completely tamper proof, yet easily removable, replaceable in unlocked position
- Finishes: AL, DU
- TH1100C: Door height is adjustable by bottom door portion
- Please refer to intermediate pivots for doors over 83" in height



TH1109
ARCH/VISTA WALL
STYLE



TH1110
ARCH/VISTA WALL
STYLE



TH11100C
OLD CASTLE STYLE



TH1112
ARMALITE STYLE

OFFSET PIVOTS

OFFSET PIVOTS

Offset pivots are used for 1/8" recessed door applications. We stock replacement pivots for most major door manufacturers. Suitable for 83" aluminum doors weighing up to 125 pounds. Pivots are engineered and designed for durability, style, and are easy to install.

FEATURES:

- 3/4" offset pivots for aluminum door and frames
- For 1/8" recessed door applications
- Weather resistant
- Aluminum case construction
- 1/8" vertical adjustment
- Full race ball bearing design provides smooth operation on pivot door portion
- No sag, door rests on floor mounted pivot portion
- Completely tamper proof, yet easily removable, replaceable in unlocked position
- Finishes: AL, DU
- Please refer to intermediate pivots for doors over 83" in height



TH1114KM
PITCO, PPG, EFCO STYLES



TH1114U
US ALUMINUM STYLE



TH1116
ALDORA STYLE



TH1118
KAWNEER STYLE

INTERMEDIATE PIVOTS

INTERMEDIATE PIVOTS

Intermediate pivots are intended for doors taller than 83" that require additional support to keep the middle of the door in line with the pivots at the top and bottom. For use on both flush face frame installations and 1/8" recessed door applications. The pivots cannot be used on center hung doors. Suitable for aluminum doors weighing up to 125 pounds.

FEATURES:

- 3/4" offset application
- Precision Aluminum Diecast
- Doors up to 90" in height should use one intermediate pivot. We recommend another intermediate pivot for each additional 30"
- Full race ball bearing and Oilite Bronze bushing
- Case hardened pin to jamb portion fully retractable for ease of installation on the TH1120 / TH1121 only
- All intermediate pivots non-handed except TH1190
- Door thickness: 1³/₄"
- Easy vertical adjustment
- Finishes: AL, DU



TH1110-INT
INTERMEDIATE PIVOT



TH1120
ARCH/ALMARLITE STYLE



TH1190
INTERMEDIATE PIVOT

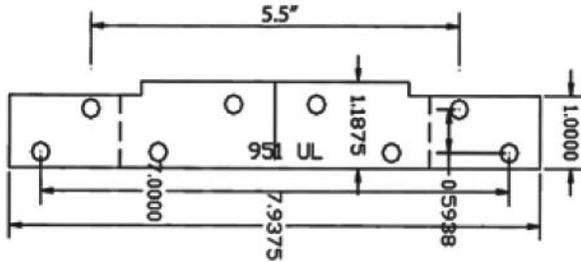


TH1121
KAWNEER STYLE

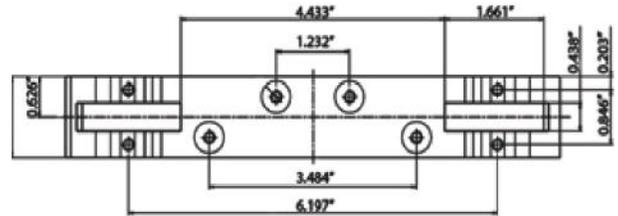
REINFORCEMENT PLATES

REINFORCEMENT PLATES

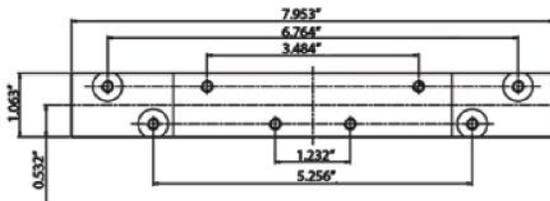
Reinforcement plates are designed to bring extra security and stability to the hinges on hollow metal and aluminum frames. Plates are intended to be used as a backing plate for 4½" standard butt hinges on most doors.



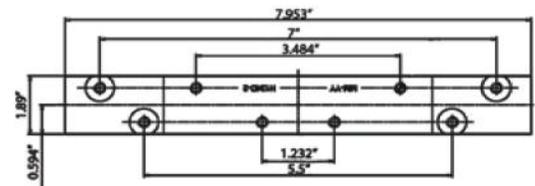
TH1100-RP951-TUL
951 TUL MODEL



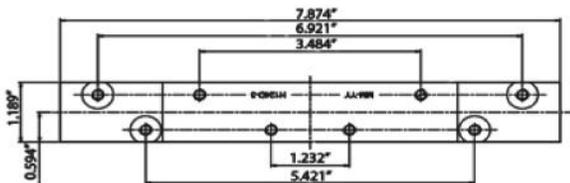
TH1100-RP124-FZCP
951 A MODEL



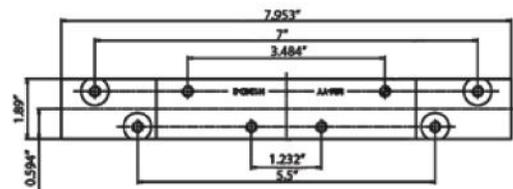
TH1100-RP124D-DZCP
951 P MODEL



TH1100-RP124D-2ZCP
951 U MODEL



TH1100-RP124D-3ZCP
951 UJ MODEL



TH1100-RP124D-4ZCP
951 TU MODEL

*FOR ALUMINUM DOORS ONLY

MORTISE LOCKS



TH1101
DEADBOLT



TH1102
HOOKBOLT



TH1103/TH1104
(HEAVY DUTY)
DEADLATCH

FEATURES:

- Three functions: Deadbolt, Hookbolt, Deadlatch
- Available backsets: 3-1/32", 1-1/8" or 1-1/2"
- Face plate: 1" w x 6-7/8" L; Aluminum construction
- Case dimensions: 7/8"W x 6"L x Depth (see chart)
- Non-handed / reversible
- Deadlatches: Zinc Alloy latchbolt with Delrin plastic insert, auxiliary bolt Zinc Diecast, deadlocks latchbolt and prevents manipulation
- Finishes: AL, DU



DEADLATCH BACKSET 1-1/8"
TH1103-1-1/8

Function	Backset	Case Depth	Latchbolt
Deadbolt - TH1101	3/32", 1/8", 1/2"	1.62" on 3/32" backset 1.78" on 1/8" backset	5/8" x 2 7/8" with 1 3/8" throw
Hookbolt - TH1102	3/32", 1/8", 1/2"	1.62" on 3/32" backset 1.78" on 1/8" backset	5/8" x 1 3/8" with 1 3/8" throw
Deadlatch - TH1103	3/32", 1/8", 1/2"	1.63" - 1.76"	5/8" x 1" with 1/2" throw
HD Deadlatch - TH1104	3/32", 1/8"	1.63" - 1.76"	5/8" x 1" with 5/8" throw

MORTISE LOCKS

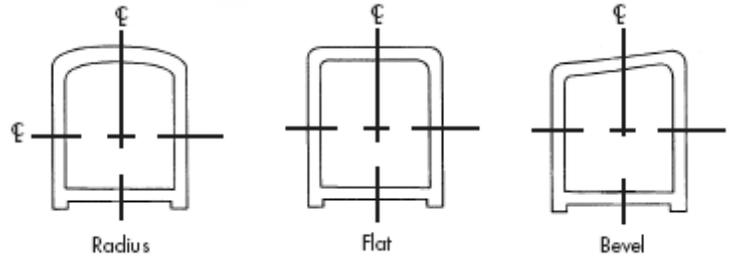


GLOBAL DOOR
CONTROLS

TH1100-FP



APPLICABLE DOOR STILES



Specify face plate profile based on applicable door stile configuration

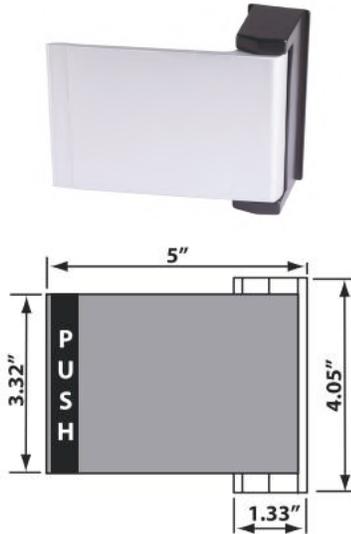
TH1100-FP
FACE PLATES
AL or DU



FLAT	L.H. BEVEL	CASE DEPTH	RADIUS	RADIUS WITH WEATHERSTRIP
TH1100-FP1 (TH1101 DEADBOLT)	TH1100-FP2 (TH1101 DEADBOLT)	TH1100-FP3 (TH1101 DEADBOLT)	TH1100-FP4 (TH1101 DEADBOLT)	TH1100-FP5 (TH1101 DEADBOLT)
TH1100-FP6 (TH1102 HOOKBOLT)	TH1100-FP7 (TH1102 HOOKBOLT)	TH1100-FP8 (TH1102 HOOKBOLT)	TH1100-FP9 (TH1102 HOOKBOLT)	TH1100-FP10 (TH1102 HOOKBOLT)
TH1100-FP11 (TH1103 DEADLATCH)	TH1100-FP12 (TH1103 DEADLATCH)	TH1100-FP13 (TH1103 DEADLATCH)	TH1100-FP14 (TH1103 DEADLATCH)	TH1100-FP15 (TH1103 DEADLATCH)

TH1100-PUSH

For use with the TH1103/TH1104 deadlatch mortise lock. Paddle is four way reversible. Handing can be reversed on cam plug by removing the C-clip, flipping the cam and reinstalling the C-clip.



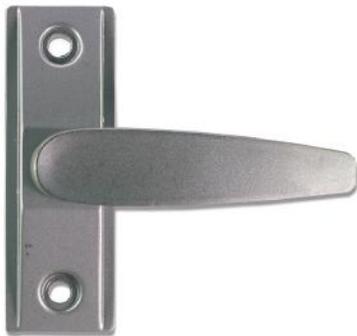
TH1100-PUSH
 PUSH/PULL PADDLE

FEATURES:

- Extruded Aluminum Paddle
- Housing: Zinc Alloy, black powder coat finish
- Operating assembly: Steel mechanism
- Paddle reversible
- Standard packing: cam plug ,paddle arm, operating housing, binder post, self adhesive decal, and mounting hardware
- Finishes: AL, DU

TH1100-LH1

For use with the TH1103/TH1104 deadlatch mortise lock or any other brand of narrow stile mortise deadlatch. The lever handle is four way reversible. Handing can be reversed on cam plug by removing the C-clip and flipping the cam and reinstalling the C-clip.



TH1100-LH1
 LEVER HANDLE

FEATURES:

- Diecast Aluminum Lever
- Escutcheon: Aluminum 1-3/8" x 4", heavy duty spring mechanism prevent s sagging of lever handle
- Spindle: Wrough t Steel , 1/4" square hardened heat treated
- Non-handed / reversible
- Standard packing includes:
- Cam plug included ,all mounting screws, templates , and installation instructions
- Finishes: AL, DU

ACCESSORIES



TH1100-BC / TH1100-ZC
KEYED MORTISE CYLINDER
BRASS or ZINC



TH1100-RC
KEYED RIM CYLINDER
BRASS



TH1100-DUM
DUMMY MORTISE CYLINDER



TH1100-BT / TH1100-ZT
THUMBTURN MORTISE CYLINDER
BRASS or ZINC

FEATURES:

- Type: Mortise or Rim
 - Key cylinders - 5 pin Schlage "C"
 - keyway 1" length
 - Comes with Adams Rite style cam
 - TH1100-RC; Rim cylinder, flat cut to size tail piece - KD Packed with collar ring, mounting plate, 2 screws
 - Key options (specify when ordering):
 - For TH1100 - BC, ZC
 - X1 - Keyed different
 - X1KA - Single cylinder keyed alike
 - X2 - Keyed alike in pairs
 - Finishes: AL, DU
- BC Brass
ZC Zinc
BT Brass Thumbturn
ZT Zinc Thumbturn
ZTO Thumbturn Oversized



TH1100-ZTO-ALU / TH1100-ZTO-DU
OVERSIZED MORTISE THUMBTURN
ZINC

PUSH / PULL BARS



TH1100-OPB
OFFSET PULL BAR

FEATURES:

- Push bar length: 33" CTC
- Pull bar height: 10" CTC
- Offset width: 3-1/4"
- Diameter: 1"
- Projection: 2-1/2"
- For Aluminum Storefront Doors
- Finishes: AL, DU



TH1100-SPB
SINGLE PULL BAR



TH1100-DPB
DUAL PULL BAR
BACK TO BACK
*AVAILABLE IN 12"

ACCESSORIES

TH1100-FB FLUSH BOLTS

Mortise flush bolts are for use on commercial storefront, architectural aluminum and glass narrow stile doors. Made for easy installation, replaces most brands of storefront flush bolts.



TH1100-FB
FLUSH BOLTS

FEATURES:

- Spring loaded lever action
- Rod extension: 7/8" throw
- Face dimensions: 15/16" x 4-1/4" with 5/32" radius corner
- 1/2" nylon tip with beveled corners to prevent binding
- Supplied with nylon keeper and fasteners
- Finishes: AL, DU
- TH1100-FB1: 10" long with 1/8" backset (standard model)
- TH1100-FB2:
 - Rod length and backset:
 - TH1100-FB1: 10" long with 1/8" backset (standard model)
 - TH1100-FB2: 15" long with 1/8" backset
 - TH1100-FB3: 12" long with 1/4" backset



LOCK INDICATOR

DL-LI4089
AL or DU



THRESHOLD BOLT KIT

PROVIDES 2-POINT SECURITY
Height: 34", 43-3/8", 53-1/2"



HEADER SHOOT BOLT

PROVIDES 2-POINT SECURITY
Height: 84"

TH1100-HK DELUX HINGE KIT

Deluxe Hinge Kits are the ideal choice for when existing hardware fails. A quick and easy fix for any compromised door opening.

FEATURES:

- For commercial doors up to 500 lbs
- Non-handed / reversible
- Flush or 1/8" offset door applications
- Extruded Aluminum Alloy
- Self-lubricating pin rotates on anti-friction bearings
- Securely fastened with tamper proof screws
- Vertical adjustment screw
- Packed and sold in pairs
- 1 year mechanical and finish warranty
- Finishes: AL, DU



TH1100-HK1
DELUXE HINGE KIT



DELUXE HINGE KIT COMES WITH:

- (2) roto pin hinges
- (12) one-way screws
- (4) cover strips
- (1) Allen wrench
- (2) 1/8" shims
- (1) instruction sheet

ACCESSORIES

TH1100-ST STRIKES

- Both strikes are for use with the TH1103/ TH1104 deadlatches
- Order double strike when converting a narrow stile lock to a deadlatch, to cover elongated slot in aluminum frame



TH1100-ST1
SINGLE STRIKE
AL or DU



TH1100-ST2
DOUBLE STRIKE
AL or DU

CYLINDER RINGS



TH1100-CG1
CYL. GUARD
ANTI-WRENCH COLLAR
AL or DU



TH1100-TR1
EXTRUDED TRIM RING 5/16"
AL or DU



TH1100-TR2
STAMPED TRIM RING 5/16"
AL or DU

CP-RP - REINFORCING HINGE



- CP-RPLH - left hand
- CP-RPRH - right hand
- Sold as each
- Does not come with screws
- Finish: US26D

GENERAL HARDWARE

GENERAL HARDWARE

BOLTS

80 Security Bolts, Chains & Hasps

DOOR HARDWARE

81 Door Reinforcers, Viewers and Chimes

82 Door Stops and Holders

83 Push and Kick Plates

SECURITY SURFACE BOLTS



GH-UL831

- Concealed mounting
- Tamper proof
- 8" Long
- 1" throw, 1-5/8" projection
- Finishes: US26D



GH-ULSB197 FLUSH BOLTS

- GH-ULSB197: Heavy Duty
- GH-197: Extruded Aluminum
- Non-handed
- 5/8" throw with 7/8" vertical adjustment
- 12" rod to fit ANSI prep.
- Spring loaded lever
- 1/2" dia. Brass bolts
- Finishes: US3, US26, US26D



GH-UL453

- Surface mounting
- Tamper proof
- 8" Long
- 11/16" throw, 1-5/8" projection
- Finishes: US26D



GH-832BB BARREL BOLTS

- Surface mounting
- Tamper proof
- 8" Long
- 11/16" throw, 1-5/8" projection
- Finishes: US26D

CHAINS GUARDS



GH-1631

- Adjustable 20"-30-1/2"
- Adjusting link included
- Heavy duty commercial
- Cast Brass mounting plates
- 2 compression springs
- Vinyl cover
- Finishes: DU, US26D

DOOR VIEWERS



SPECIFICATIONS:

- Solid Brass
- UL Listed R13709 Fire rated (glass lenses)
- Finishes: US26

DOOR HARDWARE



DOOR REINFORCERS



9" DOOR REINFORCER	SIZE	BACKSET	DOOR THICKNESS	FINISHES
GH-DRLKB104	9"	2"	1-3/4"	US32D
GH-DRLKDB105	9"	2-3/4"	1-3/4"	US32D

LATCH/CYLINDER GUARDS



GH-LG109

- Fits hollow metal or wood doors
- Non-handed / reversible
- Protects cylindrical, mortise locks and guards latch bolt
- Mounts to door with heavy duty sex bolts
- Finishes: US26D

DOOR CHIME VIEWERS



SPECIFICATIONS:

GH-DCV01 / GH-DXDCV01

- For doors 1-1/8" - 2" thick
- Available in deluxe: GH DXDCV01
- Two-tone chime
- 180' viewing angle
- Finishes: US3, US26D

DOOR STOPS CAST BRASS AND SOLID BRASS



TH1100-USD
Universal Door Stop



GH-DS438
High Dome Door Stop



GH-DS436
High Dome Door Stop



GH-DS401
Concave Wall Stop



GH-DS406
Convex Wall Stop

FLOOR MOUNTED DOOR STOPS

- Wrought Steel and Cast Brass
- Bumpers constructed from Durable Rubber
- Ideal for commercial applications
- Screw packs included
- Finishes: BLK, US26D

WALL MOUNTED DOOR STOPS

- Surface mounting
- Tamper proof
- 8" Long
- 11/16" throw, 1-5/8" projection
- Finishes: US26D

DOOR HOLDERS DROP DOWN & STEP ON



GH-235 / 1235
GH-380



GH-135 / 1135



GH-6015

- GH-135: 4" Zinc Alloy door holder
- GH-1135: 5" Zinc Alloy door holder
- GH-235: 4" Solid Brass door holder
- GH-1235: 5" Solid Brass door holder
- GH-380: 5" Zinc Alloy door holder
- GH-6015: 8" Step on door holder
- Durable rubber tips
- Polybagged with sheet metal screws
- Finishes: US26D, AL, BLK, DU
- Replacement tips available:
- GH-TIP235-BK: tip for 234/1235
- GH-TIP6015-BK: tip for 6015

PUSH PLATES



Meets ADA requirements



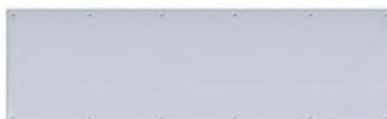
Meets ADA requirements

- Conforms to ANSI J405 and A117.1
- Aluminum, Solid Brass or Stainless Steel
- Classic and round pulls
- 16 guage (.050") thick
- Mounting screws for 1³/₄" thick door
- Packed with sheet metal screws
- Finishes: AL, US3, US32D
- GH-PP5310 3¹/₂" X 15" with classic pull
- GH-PP5425 4" X 16" with round pull
- GH-PP5325 3¹/₂" X 15" with round pull
- Conforms to ANSI J301 and A117.1
- Aluminum, Solid Brass or Stainless Steel
- Mounting screws for 1³/₄" thick door
- Packed with sheet metal screws
- Finishes: AL, US3, US32D, BLK

KICK PLATES COMMERCIAL



GH-KP834
8" X 34"



GH-KP1034
10" X 34"

- Conforms to ANSI J102 and ANSI A117.1 for ADA barrier-free accessibility
- Aluminum, Solid Brass or Stainless Steel
- 16 guage (.050") thick
- Kick plates not bevelled
- Other sizes, finishes, and beveling special order only
- Packed with sheet metal screws
- US3 on aluminum available (BT-AL)
- Finishes: AL - Aluminum
BT-AL - US3 Brass Plated
Aluminum US3 - Solid Brass
US32D - Stainless Steel



2201-C Interstate North Drive | Charlotte, NC 28606

Phone: 1-800-256-7377

Fax: 1-800-376-6536

www.impusa.com
