

SUBMITTAL SHEET

Loven Contracting, Inc.
LCI-21-345-01 - NAIPTA Downtown Connect

Project: LCI-21-345-01
NAIPTA Downtown Connect
216 W Phoenix Ave
Flagstaff, AZ
86001

Spec Section Num: 08 71 00
Submittal: 064
Revision: 0
Package: Openings
Date: 11/20/2023 UTC

Submittal Title: DOOR HARDWARE

Submittal Detail: P. 591: Product Data: Manufacturer's product data sheets including installation details, material descriptions, dimensions of individual components and profiles, operational descriptions and finishes. Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule." Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening. Organize door hardware sets in same order as in the Door Hardware Sets at the end of Part 3. Submittals that do not follow the same format and order as the Door Hardware Sets will be rejected and subject to resubmission. Content: Include the following information: Type, style, function, size, label, hand, and finish of each door hardware item. Manufacturer of each item. Fastenings and other pertinent information. Location of door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule. Explanation of abbreviations, symbols, and codes contained in schedule. Mounting locations for door hardware. Door and frame sizes and materials. Warranty information for each product. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule. Shop Drawings: Details of electrified access control hardware indicating the following: Wiring Diagrams: Upon receipt of approved schedules, submit detailed system wiring diagrams for power, signaling, monitoring, communication, and control of the access control system electrified hardware. Differentiate between manufacturer-installed and field-installed wiring. Include the following: Elevation diagram of each unique access controlled opening showing location and interconnection of major system components with respect to their placement in the respective door openings. Complete (risers, point-to-point) access control system block wiring diagrams. Wiring instructions for each electronic component scheduled herein. Electrical Coordination: Coordinate with related sections the voltages and wiring details required at electrically controlled and operated hardware openings. Keying Schedule: After a keying meeting with the owner has taken place prepare a separate keying schedule detailing final instructions. Submit the keying schedule in electronic format. Include keying system explanation, door numbers, key set symbols, hardware set numbers and special instructions. Owner must approve submitted keying schedule prior to the ordering of permanent cylinders/cores. Informational Submittals: Product Test Reports: Indicating compliance with cycle testing requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified independent testing agency. Operating and Maintenance Manuals: Provide manufacturers operating and maintenance manuals for each item comprising the complete door hardware

SUBMITTAL SHEET

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installation in quantity as required in Division 01, Closeout Procedures.

Response Due By:

Contractor:
Jared Bonds
Loven Contracting, Inc.

Note: Subcontractor/Supplier responsible for furnishing products that comply with Buy America Certification even if not specifically identified within the product submittal.

Architect:

- JRB (HDR)
Notes:
- A. Contractor to ensure warranty periods meet minimum warranty periods per the specifications.
 - B. Contractor to verify outstanding questions from subcontractor in **PURPLE** on pages 5 and 6 of submittal.
- Confirm door operation/monitoring per Items #5 and #8 on page 6.
 - C. Confirm with owner if 226 (IT Manager) and 237 (IT Work Room) should be STC-45 with STC-45 seals instead of silencers.
 - D. Confirm if HW 38.00 could have closer with hold open function instead of the electromagnetic holder (holder would need to be attached to acoustical panels).
 - E. Preference for all exterior doors to receive heavy-duty hinges (refer notes on sets 8.0, 11.0 and 12.0) for long-term use.
 - F. Preference is for public/employee spaces to have closers with 626 finish (Satin Chrome Plated) instead of currently listed 689 finish (Aluminum Painted) - back-of-house and support spaces can remain with 689 finish.
 - G. Confirm with owner if the following doors should have Armor Plate (48" high) instead of standard Kick Plate (10" high) for long term use/maintenance: 127A, 139A, 143, 144A, and 144B.

Revise and resubmit only the following:

1. New hardware set for 108B per response to Item #17 (page 7).

Contractor's Stamp

Loven comments
in blue.

Reviewed for general conformance to the contract documents. This review does not relieve the subcontractor of the responsibility of making the work conform to the contract requirements. The subcontractor is responsible for all dimensions, correct fabrication, and accurate fit with work of other trades.

SUBMITTAL NO. 064
PROJECT NO. 21-345-01
REVIEWED BY: Jared Bonds
DATE: 11-20-2023

LOVEN CONTRACTING
BUILDING RELATIONSHIPS SINCE 1985

Architect's Stamp

Engineer's Stamp

Response:
Comment:

HARDWARE SCHEDULE

Architectural Specification Section # 08 71 00

Project : DOWNTOWN CONNECTION CENTER - MOUNTAIN LINE

216 West Phoenix Avenue
Flagstaff, AZ 86001

Architect : HDR

20 E Thomas Road, Suite 2500
Phoenix, AZ 85012
Ph (602) 522-7700 Fax

Contractor : LOVEN CONTRACTING

1100 SOUTH PINNACLE STREET
FLAGSTAFF, AZ 86001
Ph (928) 606-1993 Fax (928) 774-8224

Distributor : Kelley Bros. of Arizona, Inc.

3440 N. 27th Ave.
Phoenix, AZ 85017
Ph (602) 254-5967 Fax -

Detailer : Joe Estrada

Project Manager : Lee Evangelo

Job ID : 30-23-145

Submittals : 2023-10-31-Submit For Review

Architect and General Contractor please note

Unless you instruct us otherwise, the hardware will be ordered **IMMEDIATELY** upon receipt of the **APPROVED** Hardware Schedule.

Any subsequent hardware changes will be treated as **EXTRA** and excess hardware will be delivered to the job site as "Owners Stock".

Keying Legend

Please provide the name, title, address, e-mail, and phone number of the owner representative determining permanent keying.

Name:

Title:

Address:

E-Mail:

Phone:

JRB (HDR)
LCI - coordinate with ML to
determine the owner rep.

KELLEY Bros. GENERAL NOTES :

Hardware:

We have detailed this project per Permit Approved Plans dated 9/27/23.

1. Per Door Hardware Specification 08 71 00, permanent cores are to be Sargent Small Format Interchangeable Cores. Specification also states to match existing facility standards. We have scheduled permanent cores as Sargent 7300B 6-pin small format interchangeable cores. Please confirm core type and keyway

JRB (HDR) - Confirmed.

2. For permanent keying consistency, we are scheduling permanent cores and construction cores for aluminum openings by others in Kelley Bros' scope of work. Please confirm.

JRB (HDR) - LCI to confirm.

3. Per Door Hardware Specification 08 71 00, the door position switch is by others. For doors and frames to be properly prepped for DPS, Kelley Bros must know the make and model of DPS being provided. Please provide DPS make and model.

JRB (HDR) - LCI to confirm.

4. Per plan page A-601 Door and Frame Schedule, opening 138A has no information and does not list a hardware set. Per Door Hardware Specification 08 71 00, this opening is scheduled with hardware set 3.0. We have scheduled a permanent core and construction core for this opening with all remaining hardware by others. Please confirm.

JRB (HDR) - HW 3.0 is appropriate; LCI to confirm remaining hardware by others.

5. Per Door Hardware Specification 08 71 00, set 5 (openings 139A —Utility Room and 143 - Electrical Room) calls for touch bar monitoring on in-active leaf exit only device. The active leaf does not call for touch bar monitoring on exit device. We have scheduled active leaf exit device without touch bar monitoring and the inactive leaf with touch bar monitoring. Please confirm.

JRB (HDR) - LCI to confirm door operation/monitoring requirements with owner.

6. Per Door Hardware Specification 08 71 00, set 21 (opening S12 - Stairs) calls for gasketing by aluminum frame manufacturer. Per plan page A-601 Door and Frame Schedule, S12 is a fire rated opening with a hollow metal frame. We have scheduled opening with Pemko S88 Smoke Seal. Please confirm.

JRB (HDR) - Confirmed; door S12 is HM rated opening.

7. Per Door Hardware Specification 08 71 00, set 21 (opening S12 - Stairs) calls for a non-rated exit device. Per plan page A-601 Door and Frame Schedule, S12 is a fire rated opening. We have scheduled opening with a fire rated exit device. Please confirm.

JRB (HDR) - Confirmed; door S12 is HM rated opening.

8. Per Door Hardware Specification 08 71 00, set 22 (opening S1-1B - Stairs) calls for touch bar monitoring on exit device. Set 6 (S1-1A Stairs) and set 21 (S-12 Stairs) do not call for touch bar monitoring. We have scheduled set 22 with touch bar monitoring and sets 6 and 21 without touch bar monitoring on exit devices. Please confirm.

JRB (HDR) - LCI to confirm door operation/monitoring requirements with owner.

9. Per Door Hardware Specification 08 71 00, set 22 (opening S1-1B - Stairs) calls for acoustic seal set. Per plan page A-601 Door and Frame Schedule, S1-1B has no STC rating. We have scheduled this opening with smoke seals to meet fire rating requirements and no STC seals. Please confirm.

JRB (HDR) - Please provide STC-50 (or maximum fire-rated STC rating) seals to match opening 108.

10. Per Door Hardware Specification 08 71 00, set 24 shows openings 107A and 108B in this set. Per plan page A-601 Door and Frame Schedule, 107A does not exist and 108B is in hardware set 31. The Door and Frame Schedule does show opening 108 in set 24. We have scheduled 108 only in set 24. Please confirm.

JRB (HDR)

Confirmed:

- Opening 108 (originally opening 108B) to receive HW set 24

- Opening 107A removed from scope per VE

KELLEY Bros. GENERAL NOTES :

11. Per Door Hardware Specification 08 71 00, set 24 shows one Yale 4400 and two Yale UNI4400 closers. We have scheduled two Yale UNI4400 closers, one per leaf. Please confirm.

JRB (HDR) - Confirmed.

12. Per Door Hardware Specification 08 71 00, set 24 shows a Rixson 998M Magnetic Holder. The Operation Description states, "Door normally closed, latched, and locked." We have scheduled the active leaf with a magnetic holder. Please confirm.

JRB (HDR) - HW set 24.0 not updated from when this opening 108 was within rated wall. Utilize hold-open closer on both door leaves.

NOTE: Floor plan does not appear to be able to accommodate mounting of a magnetic hold open.

JRB (HDR) - Remove magnetic hold open and replace with UNI4410 closer (with hold open function).

13. Per Door Hardware Specification 08 71 00, set 25 (opening 101) shows gasketing by aluminum frame manufacturer. Per plan page A-601 Door and Frame Schedule, opening 101 calls for a hollow metal frame. We have scheduled door silencers for this opening. Please confirm.

JRB (HDR) - Confirmed.

14. Per Door Hardware Specification 08 71 00, set 27 (openings 102B and 123) shows gasketing by aluminum frame manufacturer. Per plan page A-601 Door and Frame Schedule, these openings call for hollow metal frames. We have scheduled 102B with smoke seal to meet fire rating requirements. We have scheduled 123 with silencers. Please confirm.

JRB (HDR) - Confirmed.

15. Per Door Hardware Specification 08 71 00, set 30 (openings 110 and 236) is a pair opening hardware set. Per plan page A-601 Door and Frame Schedule, 236 is a single opening. We have scheduled 236 with a modified hardware set 30A for single openings. Please confirm.

JRB (HDR) - Utilize HW 33.0 for opening 236.

16. Per Door Hardware Specification 08 71 00, set 30 (openings 110 and 236) show gasketing by aluminum frame manufacturer. Per plan page A-601 Door and Frame Schedule, these openings are shown as hollow metal frames. We have scheduled these openings with silencers. Please confirm.

JRB (HDR) - Confirmed.

17. Per Door Hardware Specification 08 71 00, set 31 shows opening 108C in this set and not 108B. Per plan page A-601 Door and Frame Schedule, 108B is assigned to set 31. We have scheduled 108B to hardware set 31. Please confirm.

JRB (HDR) - Opening 108B does not required key pad access. Please propose modified HW set with exterior locking function and egress out.

18. Per plan page A-601 Door and Frame Schedule, 108B (closet) is assigned to set 31 but does not call out for keypad. Per Door Hardware Specification 08 71 00, set 31 shows a keypad lockset. We have scheduled opening 108B with a keypad lockset. Please confirm.

JRB (HDR) - Opening 108B does not required key pad access. See notes above for modified HW set request.

19. Per Door Hardware Specification 08 71 00, set 31 (openings 108B and 108C) shows gasketing by aluminum frame manufacturer. Per plan page A-601 Door and Frame Schedule, 108B and 108C are shown with hollow metal frame. We have scheduled these openings with silencers. Please confirm.

JRB (HDR) - Confirmed.

20. Per Door Hardware Specification 08 71 00, set 31 shows one overhead stop and one wall/floor stop. These openings cannot have a wall/floor stop installed. We have scheduled both door leaves with overhead stops. Please confirm.

JRB (HDR) - Confirmed.

21. Per Door Hardware Specification 08 71 00, set 33 shows gasketing by aluminum frame manufacturer. Per plan

KELLEY Bros. GENERAL NOTES :

page A-601 Door and Frame Schedule, all openings in this hardware set are shown with hollow metal frames. We have scheduled opening 139B with smoke seal to meet fire rating requirements. We have scheduled all remaining openings with silencers. Please confirm.

JRB (HDR) - Confirmed.

22. Per Door Hardware Specification 08 71 00, set 35 (109B) shows gasketing by aluminum frame manufacturer. Per plan page A-601 Door and Frame Schedule, 109B is to be a hollow metal frame. We have scheduled silencers for this opening. Please confirm.

JRB (HDR) - Confirmed.

23. Per Door Hardware Specification 08 71 00, set 36 (openings 120 and 223) shows gasketing by aluminum frame manufacturer and notes openings as sound control. Per plan page A-601 Door and Frame Schedule, 120 and 223 are to be hollow metal frames and do not have an STC rating. We have scheduled these openings with silencers. Please confirm.

JRB (HDR) - Confirmed.

24. Per plan page A-601 Door and Frame Schedule, opening 120 (wellness room) is assigned to set 36 but does not call for keypad lockset. Per Door Hardware Specification 08 71 00, set 36 shows a keypad lockset. We have scheduled 120 with a keypad lockset. Please confirm.

JRB (HDR) - Update opening 120 HW set without keypad function - keypad removed by owner during 95% CD review.

25. Per Door Hardware Specification 08 71 00, set 39 (openings 135 and 146) shows gasketing by aluminum frame manufacturer. Per plan page A-601 Door and Frame Schedule, 135 and 146 are to be hollow metal frames. We have scheduled these openings with silencers. Please confirm.

JRB (HDR) - Confirmed.

26. Per Door Hardware Specification 08 71 00, set 40 (opening 104) shows gasketing by aluminum frame manufacturer. Per plan page A-601 Door and Frame Schedule, 104 is to be a hollow metal frame. We have scheduled this opening with silencers. Please confirm.

JRB (HDR) - Confirmed.

27. Per Door Hardware Specification 08 71 00, set 41 (restrooms) shows gasketing by aluminum frame manufacturer. Per plan page A-601 Door and Frame Schedule, these openings are to be hollow metal frames. We have scheduled these openings with smoke seal/gasketing. Please confirm.

JRB (HDR) - Confirmed.

28. Per plan page A-601 Door and Frame Schedule, opening 235 (janitor) is assigned to set 41 but does not call for indicator. Per Door Hardware Specification 08 71 00, set 41 shows indicator lock. We have scheduled 235 with set 39. Please confirm.

JRB (HDR) - Confirmed.

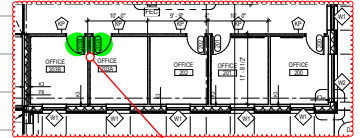
29. Per Door Hardware Specification 08 71 00, set 30 (opening 236) has door closer UNI4410 which mounts on the push side of the door. This is an inswing door and the closer would mount on the "outside" of the opening. We have scheduled a UNI4410 to be mounted on the push side of the opening. Please confirm.

JRB (HDR) - Update opening 236 to HW set 33.0 with the door closer mounted on the interior (pull) side of the door.

DOOR INDEX

Door Number	Hdwe Set	Keyset	Door Number	Hdwe Set	Keyset
✓ 100A	02.00		✓ 136A	14.00	
✓ 100B	19.00		✓ 137	15.00	
✓ 101	25.00		✓ 138A	03.00	
✓ 102A	01.00		✓ 138B	20.00	
✓ 102B	27.00		✓ 139A	05.00	
✓ 103	33A.00		✓ 139B	33B.00	
✓ 104	40.00		✓ 140	32.00	
✓ 105	41.00		✓ 141	32.00	
✓ 106A	01.00		✓ 142	32.00	
✓ 106B	18.00		✓ 143	05.01	
✓ 108	24.00		✓ 144A	10.00	
✓ 108B	31.00		✓ 144B	26.00	
✓ 108C	31.00		✓ 145	29.00	
✓ 109A	38.00		✓ 146	39.00	
✓ 109B	35.00		✓ 200	34.00	
✓ 110	30.00		✓ 201	34.00	
✓ 111	41.00		✓ 202	34.00	
✓ 112	41.00		✓ 203	34.00	
✓ 113	41.00		✓ 204	43.00	
✓ 114	41.00		✓ 206	17.00	
✓ 115	41.00		✓ 208	17.00	
✓ 116	41.00		✓ 210	34.00	
✓ 117	33.00		✓ 211	34.00	
✓ 118	33.00		✓ 212	34.00	
✓ 119	33.00		✓ 213	34.00	
✓ 120	36.00		✓ 214	43.00	
✓ 121	37A.00		✓ 217	34A.00	
✓ 122A	01.00		✓ 219	34.00	
✓ 122B	13.00		✓ 220	34.00	
✓ 123	27A.00		✓ 222	33.00	
✓ 124	08.00		✓ 223	36.00	
✓ 125	08.00		✓ 225	16.00	
✓ 126	12.00		✓ 226	33.00	
✓ 127A	11.00		✓ 227	42.00	
✓ 127B	26A.00		✓ 228	41.00	
✓ 128	41.00		✓ 229	41.00	
✓ 129	41.00		✓ 233	04.00	
✓ 130	41.00		✓ 234	04.00	
✓ 131	41.00		✓ 234A	33.00	
✓ 132	41.00		✓ 235	39.00	
✓ 133	41.00		✓ 236	30A.00	
✓ 134	41.00		✓ 237	33.00	
✓ 135	39.00		✓ 237A	33A.00	

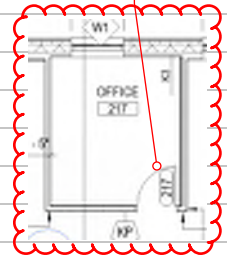
JRB (HDR)
Modify HW set as requested
on page 7 Item #17
response.



JRB (HDR)
See updated floor plan with
additional office per owner request:
1. Door 203 now 203A
2. Door 203B added (HW 34.0)

JRB (HDR)
Door 217 to swing into Office (sim to all
other offices) - utilize same HW 34.0.

34.0



JRB (HDR)
Confirm with owner if 226 (IT Manager)
should be STC-45 with STC-45 seals
instead of silencers.

33.0

JRB (HDR)
Update opening 236 to HW 33.0

JRB (HDR)
Confirm with owner if 237 (IT Work Room)
should be STC-45 with STC-45 seals
instead of silencers.

DOOR INDEX

Door Number	Hdwe Set	Keypad	Door Number	Hdwe Set	Keypad
✓ S1-1A	06.00				
✓ S1-1B	22.00				
✓ S12	21.00				



Heading # 01.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
102A		EXTERIOR From FUTURE OFFICE/WORK STATION 102	ALBO	ALBO	6'-0" x 7'-0" x 1-3/4"	---	RRA	1	PAIR
106A		EXTERIOR From VESTIBULE 106	ALBO	ALBO	6'-0" x 7'-0" x 1-3/4"	---	RRA	1	PAIR
122A		EXTERIOR From VESTIBULE 122	ALBO	ALBO	6'-0" x 7'-0" x 1-3/4"	---	RRA	1	PAIR

Qty Act	Qty Inact	Description	Frame	Door	Size	Label	Hand	Qty	Type
1	0	Permanent Core	7300B			619	Sargent	300A	
1	0	Construction Core	7200			BLUE	Sargent	301A	
1	1	By Others	All Remaining Hardware			---	By Others	900A	

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free egress at all times.

Heading # 02.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
100A		EXTERIOR From VESTIBULE 100	ALBO	ALBO	6'-0" x 7'-0" x 1-3/4"	---	RRA	1	PAIR

Qty Act	Qty Inact	Description	Frame	Door	Size	Label	Hand	Qty	Type
1	0	Permanent Core	7300B			619	Sargent	300A	
1	0	Construction Core	7200			BLUE	Sargent	301A	
1	1	By Others	All Remaining Hardware			---	By Others	900A	

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Push actuator to use auto operator.
 Door remains locked when power fails.
 Free to egress at all times.



Heading # 03.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
138A		EXTERIOR From VESTIBULE 138	ALBO	ALBO	3'-0" x 6'-11" x 1-3/4"	---	LR	1	SNGL

Qty Act	Qty Inact	Description	Frame	Door	Size	Label	Hand	Qty	Type
1	0	Permanent Core	7300B			619	Sargent	300A	
1	0	Construction Core	7200			BLUE	Sargent	301A	
1	0	By Others	All Remaining Hardware			---	By Others	900A	

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.

Heading # 04.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
233		ROOF DECK 214 To CIRCULATION 233	ALBO	ALBO	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL
234		ROOF DECK From BREAK ROOM 234	ALBO	ALBO	3'-0" x 7'-0" x 1-3/4"	---	LR	1	SNGL

Qty Act	Qty Inact	Description	Frame	Door	Size	Label	Hand	Qty	Type
2	0	Permanent Core	7300B			619	Sargent	300A	
2	0	Construction Core	7200			BLUE	Sargent	301A	
1	0	By Others	All Remaining Hardware			---	By Others	900A	

Note

Card reader on both sides.

 Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door unlocks when power fails.



Heading # 05.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
139A		EXTERIOR From UTILITY ROOM 139	HM	HM	6'-4" x 7'-0" x 1-3/4"	---	RRA	1	PAIR

Qty Act	Qty Inact	Description	Frame	Door	Size	Label	Hand	Qty	Type
2	2	Hinge	T4A3786	5" x 4-1/2"	NRP	626	McKinney	100A	
1	1	Electric Hinge	T4A3786-QC12	5" x 4-1/2"		626	McKinney	101A	
1	0	Keyed Removable Mullion	KRM200	x 7-2 Ft		600	Yale	200A	
1	0	Mortise Cylinder	K660	x 1-1/4" x 6-Pin		630	Yale	305A	
1	0	Rim Cylinder	K680-1.25	x 6-Pin	x KT1	626	Yale	303A	
1	0	Push Pad, Rim	7100	x AU691F x 757F	x ECK1{38"w}	630	Yale	302B	
0	1	Push Pad, Rim	7100-B	x EO x 757F	x ECK1{38"w}	630	Yale	304A	
2	0	Permanent Core	7300B			619	Sargent	300A	
2	0	Construction Core	7200			BLUE	Sargent	301A	
1	1	Closer - Parallel Arm	UNI4410	x 38" Door Width		689	Yale	500A	
1	1	Kickplate	K1050	x 4BE x CSK	x 10"h{36"w}	630	Rockwood	600C	
1	0	Weatherstrip	303AS	{76"w x 84"h}		ALUM	Pemko	801C	
1	1	By Others	Door Position Switch			---	By Others	806A	
1	1	Sweep	315CN	{38"w}		ALUM	Pemko	803C	
1	0	Threshold	171A	{76"w}		ALUM	Pemko	800C	
1	0	Mullion Gasketing	5110	{76"w x 84"h}		BLCK	Pemko	802B	
1	1	Wiring Harness, Frame	QC-C1500P			---	McKinney	804A	
1	1	Wiring Harness, Door	QC-C006P			---	McKinney	805A	
1	0	By Others	Power Supply			---	By Others	902A	
1	0	By Others	Card Reader			---	By Others	901A	

A620 per specs

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.

JRB (HDR) 12/11/23
Add drip cap 346A.



Heading # 05.01

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
143		EXTERIOR From UTILITY ROOM 143	HM	HM	7'-8" x 7'-0" x 1-3/4"	---	RRA	1	PAIR

Qty Act	Qty Inact	Description	Frame	Door	Size	Label	Hand	Qty	Type
2	2	Hinge	T4A3786	5" x 4-1/2"	NRP	626	McKinney	100A	
1	1	Electric Hinge	T4A3786-QC12	5" x 4-1/2"		626	McKinney	101A	
1	0	Keyed Removable Mullion	KRM200	x 7-2 Ft		600	Yale	200A	
1	0	Mortise Cylinder	K660	x 1-1/4" x 6-Pin		630	Yale	305A	
1	0	Rim Cylinder	K680-1.25	x 6-Pin x KT1		626	Yale	303A	
1	0	Push Pad, Rim	7100	x AU691F x 757F x ECK1{46"w}		630	Yale	302C	
0	1	Push Pad, Rim	7100-B	x EO x 757F x ECK1{46"w}		630	Yale	304B	
2	0	Permanent Core	7300B			619	Sargent	300A	
2	0	Construction Core	7200			BLUE	Sargent	301A	
1	1	Closer - Parallel Arm	UNI4410	x 38" Door Width		689	Yale	500A	
1	1	Kickplate	K1050	x 4BE x CSK x 10"h{44"w}		630	Rockwood	600D	
1	0	Weatherstrip	303AS	{92"w x 84"h}		ALUM	Pemko	801D	
1	1	By Others	Door Position Switch			---	By Others	806A	
1	1	Sweep	315CN	{46"w}		ALUM	Pemko	803D	
1	0	Threshold	171A	{92"w}		ALUM	Pemko	800D	
1	0	Mullion Gasketing	5110	{92"w x 84"h}		BLCK	Pemko	802C	
1	1	Wiring Harness, Frame	QC-C1500P			---	McKinney	804A	
1	1	Wiring Harness, Door	QC-C006P			---	McKinney	805A	
1	0	By Others	Power Supply			---	By Others	902A	
1	0	By Others	Card Reader			---	By Others	901A	

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.

JRB (HDR) 12/11/23
 Add drip cap 346A.



Heading # 06.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
S1-1A		EXTERIOR From STAIR 1 S1-1	HM	HM	3'-0" x 7'-0" x 1-3/4"	---	LR	1	SNGL

Qty Act	Qty Inact	Description		Finish	Mfr	
2	0	Hinge	T4A3786 4-1/2" x 4-1/2" NRP	626	McKinney	102A
1	0	Electric Hinge	T4A3786-QC12 4-1/2" x 4-1/2"	626	McKinney	103A
1	0	Rim Cylinder	K680-1.25 x 6-Pin x KT1	626	Yale	303A
1	0	Push Pad, Rim	7100 x AU691F x 757F x ECK1{36"w}	630	Yale	302A
1	0	Permanent Core	7300B	619	Sargent	300A
1	0	Construction Core	7200	BLUE	Sargent	301A
1	0	Closer	4400	689	Yale	502A
1	0	Kickplate	K1050 x 4BE x CSK x 10"h{34"w}	630	Rockwood	600B
1	0	Floor Stop	441H	626	Rockwood	700A
1	0	Weatherstrip	303AS{36"w x 84"h}	ALUM	Pemko	801A
1	0	By Others	Door Position Switch	---	By Others	806A
1	0	Sweep	315CN{36"w}	ALUM	Pemko	803B
1	0	Threshold	171A{36"w}	ALUM	Pemko	800A
1	0	Drip Cap	346A{40"w}	ALUM	Pemko	807A
1	0	Wiring Harness, Frame	QC-C1500P	---	McKinney	804A
1	0	Wiring Harness, Door	QC-C006P	---	McKinney	805A
1	0	By Others	Power Supply	---	By Others	902A
1	0	By Others	Card Reader	---	By Others	901A

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.



Heading # 08.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
124		EXTERIOR From GENDER NEUTRAL RR 124	HM	HM	3'-0" x 7'-0" x 1-3/4"	---	RR	1	SNGL
125		EXTERIOR From GENDER NEUTRAL RR 125	HM	HM	3'-0" x 7'-0" x 1-3/4"	---	LR	1	SNGL

JRB (HDR)
Preference to update to heavy weight
T4A376 hinges for all exterior doors.

Qty Act	Qty Inact	Description		Finish	Mfr	
3	0	Hinge	TA2714 4-1/2" x 4-1/2" NRP	626	McKinney	106A
1	0	Storeroom Lockset	AUR-8840FL x K660 x Less Core x 2815 (1-1/4"LTC) x V21	630	Yale	306A
1	0	Electric Strike	1600CS-12/24D-DLMS	630	Hes	307A
1	0	Permanent Core	7300B	619	Sargent	300A
1	0	Construction Core	7200	BLUE	Sargent	301A
1	0	Closer - Parallel Arm	UNI4400 x 36" Door Width	689	Yale	504A
1	0	Kickplate	K1050 x 4BE x CSK x 10"h{34"w}	630	Rockwood	600B
1	0	Weatherstrip	303AS{36"w x 84"h}	ALUM	Pemko	801A
1	0	By Others	Door Position Switch	---	By Others	806A
1	0	Sweep	315CN{36"w}	ALUM	Pemko	803B
1	0	Threshold	171A{36"w}	ALUM	Pemko	800A
1	0	Drip Cap	346A{40"w}	ALUM	Pemko	807A
1	0	Wiring Harness, Frame	QC-C1500P	---	McKinney	804A
1	0	ElectroLynx Adaptor	2004M	---	Hes	808A
1	0	SMART Pac Bridge Rectifier	2005M3	---	Hes	903A
1	0	By Others	Power Supply	---	By Others	902A
1	0	By Others	Card Reader	---	By Others	901A

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 When deadbolt is thrown.
 Door remains locked when power fails.
 Free to egress at all times.



Heading # 10.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
144A		EXTERIOR From MECH ROOM 144	HM	HM	7'-8" x 7'-0" x 1-3/4"	---	RRA	1	PAIR

Qty Act	Qty Inact	Description		Finish	Mfr	
2	3	Hinge	T4A3786 5" x 4-1/2" NRP	626	McKinney	100A
1	0	Electric Hinge	T4A3786-QC12 5" x 4-1/2"	626	McKinney	101A
0	1	Flush Bolt, Automatic	2845	630	Rockwood	203A
0	1	Dust Proof Strike	570	626	Rockwood	201A
1	0	Electric Lock, Fail Secure	B-AU-5491LN x 24VDC x REX x 694 x 497	626	Yale	308A
1	0	Permanent Core	7300B	619	Sargent	300A
1	0	Construction Core	7200	BLUE	Sargent	301A
1	0	Bar Coordinator	2696{92"w() }	BLCK	Rockwood	400A
1	1	Closer - Parallel Arm	UNI4410 x 46" Door Width	689	Yale	501A
1	1	Mounting Bracket	2601AB	BLCK	Rockwood	503A
1	1	Kickplate	K1050 x 4BE x CSK x 10"h{44"w }	630	Rockwood	600D
1	0	Weatherstrip	303AS{92"w x 84"h }	ALUM	Pemko	801D
1	0	Astragal	357SP84{84"h }	600	Pemko	809A
1	1	By Others	Door Position Switch	---	By Others	806A
1	1	Sweep	315CN{46"w }	ALUM	Pemko	803D
1	0	Threshold	171A{92"w }	ALUM	Pemko	800D
1	0	Drip Cap	346A{96"w }	ALUM	Pemko	807C
1	0	Wiring Harness, Frame	QC-C1500P	---	McKinney	804A
1	0	Wiring Harness, Door	QC-C306P	---	McKinney	810A
1	0	By Others	Power Supply	---	By Others	902A
1	0	By Others	Card Reader	---	By Others	901A

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.



Heading # 11.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
127A		EXTERIOR From FAC MAINT STORAGE 127	HM	HM	5'-8" x 7'-0" x 1-3/4"	---	LRA	1	PAIR

Qty Act	Qty Inact	Description	Frame	Door	Size	Label	Hand	Qty	Type
2	3	Hinge	TA2714	4-1/2" x 4-1/2" NRP		626	McKinney	106A	
1	0	Electric Hinge	TA2714-QC12	4-1/2" x 4-1/2"		626	McKinney	107A	
0	1	Flush Bolt, Automatic	2845			630	Rockwood	203A	
0	1	Dust Proof Strike	570			626	Rockwood	201A	
1	0	Electric Lock, Fail Secure	B-AU-5491LN	x 24VDC x REX x 694 x 497		626	Yale	308A	
1	0	Permanent Core	7300B			619	Sargent	300A	
1	0	Construction Core	7200			BLUE	Sargent	301A	
1	0	Bar Coordinator	2672	{68"w() }		BLCK	Rockwood	401A	
1	1	Closer - Parallel Arm	UNI4410	x 34" Door Width		689	Yale	505A	
1	1	Mounting Bracket	2601AB			BLCK	Rockwood	503A	
1	1	Kickplate	K1050	x 4BE x CSK x 10"h {32"w }		630	Rockwood	600A	
1	0	Weatherstrip	303AS	{68"w x 84"h }		ALUM	Pemko	801B	
1	0	Astragal	357SP84	{84"h }		600	Pemko	809A	
1	1	By Others		Door Position Switch		---	By Others	806A	
1	1	Sweep	315CN	{34"w }		ALUM	Pemko	803A	
1	0	Threshold	171A	{68"w }		ALUM	Pemko	800B	
1	0	Drip Cap	346A	{72"w }		ALUM	Pemko	807B	
1	0	Wiring Harness, Frame	QC-C1500P			---	McKinney	804A	
1	0	Wiring Harness, Door	QC-C206P			---	McKinney	811A	
1	0	By Others		Power Supply		---	By Others	902A	
1	0	By Others		Card Reader		---	By Others	901A	

JRB (HDR)
Preference to update to heavy weight
T4A376 hinges for all exterior doors.

Note

Door normally closed, latched, and locked.
Presenting valid credential or key override to unlock.
Door remains locked when power fails.
Free to egress at all times.



Heading # 12.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
126		EXTERIOR From FIRE RISER 126	HM	HM	3'-0" x 7'-0" x 1-3/4"	---	LR	1	SNGL
Qty Act	Qty Inact	Description				Finish	Mfr		
2	0	Hinge	TA2714	4-1/2" x 4-1/2" NRP		626	McKinney	106A	
1	0	Electric Hinge	TA2714-QC12	4-1/2" x 4-1/2"		626	McKinney	107A	
1	0	Electric Lock, Fail Secure	B-AU-5491LN	x 24VDC x REX x 694 x 497		626	Yale	308A	
1	0	Permanent Core	7300B			619	Sargent	300A	
1	0	Construction Core	7200			BLUE	Sargent	301A	
1	0	Closer - Parallel Arm	UNI4400	x 36" Door Width		689	Yale	504A	
1	0	Kickplate	K1050	x 4BE x CSK x 10"h{34"w}		630	Rockwood	600B	
1	0	Weatherstrip	303AS	{36"w x 84"h}		ALUM	Pemko	801A	
1	0	By Others		Door Position Switch		---	By Others	806A	
1	0	Sweep	315CN	{36"w}		ALUM	Pemko	803B	
1	0	Threshold	171A	{36"w}		ALUM	Pemko	800A	
1	0	Drip Cap	346A	{40"w}		ALUM	Pemko	807A	
1	0	Wiring Harness, Frame	QC-C1500P			---	McKinney	804A	
1	0	Wiring Harness, Door	QC-C206P			---	McKinney	811A	
1	0	By Others		Power Supply		---	By Others	902A	
1	0	By Others		Card Reader		---	By Others	901A	

JRB (HDR)
Preference to update to heavy weight T4A376 hinges for all exterior doors.

Note

Door normally closed, latched, and locked.
Presenting valid credential or key override to unlock.
Door remains locked when power fails.
Free to egress at all times.

Heading # 13.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
122B		VESTIBULE 122 From DRIVER'S LOUNGE 136	ALBO	ALBO	6'-0" x 7'-0" x 1-3/4"	---	RRA	1	PAIR
Qty Act	Qty Inact	Description				Finish	Mfr		
1	0	Permanent Core	7300B			619	Sargent	300A	
1	0	Construction Core	7200			BLUE	Sargent	301A	
1	1	By Others		All Remaining Hardware		---	By Others	900A	

Note

Door normally closed, latched, and locked.
Presenting valid credential or key override to unlock.
Door remains locked when power fails.
Free to egress at all times.



Heading # 14.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
136A		CIRCULATION 147 To DRIVER'S LOUNGE 136	ALBO	ALBO	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL

Qty Act	Qty Inact	Description	Frame	Door	Size	Label	Hand	Qty	Type
1	0	Permanent Core	7300B			619	Sargent	300A	
1	0	Construction Core	7200			BLUE	Sargent	301A	
1	0	By Others	All Remaining Hardware			---	By Others	900A	

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.

Heading # 15.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
137		CIRCULATION 147 To ELIGIBILITY SPEC 137	ALBO	ALBO	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL

Qty Act	Qty Inact	Description	Frame	Door	Size	Label	Hand	Qty	Type
1	0	Permanent Core	7300B			619	Sargent	300A	
1	0	Construction Core	7200			BLUE	Sargent	301A	
1	0	By Others	All Remaining Hardware			---	By Others	900A	

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.

Heading # 16.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
225		CIRCULATION 238 To MED CONF ROOM 225	ALBO	ALBO	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL

Qty Act	Qty Inact	Description	Frame	Door	Size	Label	Hand	Qty	Type
1	0	Permanent Core	7300B			619	Sargent	300A	
1	0	Construction Core	7200			BLUE	Sargent	301A	
1	0	By Others	All Remaining Hardware			---	By Others	900A	

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.



Heading # 17.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
206		OPEN OFFICE 205 To HUDDLE ROOM 206	ALBO	ALBO	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
208		OPEN OFFICE 205 To HUDDLE ROOM 208	ALBO	ALBO	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL

Qty Act	Qty Inact	Description	Finish	Mfr
1	0	By Others	---	By Others 900A

Note

Heading # 18.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
106B		VESTIBULE 106 From CIRCULATION 295	ALBO	ALBO	6'-0" x 7'-0" x 1-3/4"	---	RRA	1	PAIR

Qty Act	Qty Inact	Description	Finish	Mfr
1	1	By Others	---	By Others 900A

Note

Heading # 19.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
100B		VESTIBULE 100 From LOBBY 101	ALBO	ALBO	6'-0" x 7'-0" x 1-3/4"	---	RRA	1	PAIR

Qty Act	Qty Inact	Description	Finish	Mfr
1	0	By Others	---	By Others 900A

Note

Push actuator to use auto operator.

Heading # 20.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
138B		VESTIBULE 138 From CIRCULATION 147	ALBO	ALBO	3'-0" x 7'-0" x 1-3/4"	---	RR	1	SNGL

Qty Act	Qty Inact	Description	Finish	Mfr
1	0	By Others	---	By Others 900A

Note



Heading # 21.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
S12		STAIR 1 S1-1 From CIRCULATION 238	HM	WD	3'-0" x 7'-0" x 1-3/4"	C45	LR	1	SNGL

Qty Act	Qty Inact	Description				Finish	Mfr			
2	0	Hinge	T4A3786	4-1/2" x 4-1/2"	NRP	626	McKinney	102A		
1	0	Electric Hinge	T4A3786-QC12	4-1/2" x 4-1/2"		626	McKinney	103A		
1	0	Rim Cylinder	K680-1.25	x 6-Pin	x KT1	626	Yale	303A		
1	0	Push Pad, Rim	7100F	x AU691F	x 757F	x ECK1	{36"w}	630	Yale	310A
1	0	Permanent Core	7300B			619	Sargent	300A		
1	0	Construction Core	7200			BLUE	Sargent	301A		
1	0	Closer	4400			689	Yale	502A		
1	0	Kickplate	K1050	x 4BE	x CSK	x 10"h	{34"w}	630	Rockwood	600B
1	0	Wall Stop	406			630	Rockwood	701A		
1	0	By Others		Door Position	Switch	---	By Others	806A		
1	0	Smoke Seal	S88BL17			BLCK	Pemko	812A		
1	0	Wiring Harness, Frame	QC-C1500P			---	McKinney	804A		
1	0	Wiring Harness, Door	QC-C006P			---	McKinney	805A		
1	0	By Others		Power Supply		---	By Others	902A		
1	0	By Others		Card Reader		---	By Others	901A		

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.



Heading # 22.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
S1-1B		STAIR 1 S1-1 From COMMUNITY ROOM 108	HM	HM	3'-0" x 7'-0" x 1-3/4"	C45	RR	1	SNGL

Qty Act	Qty Inact	Description		Finish	Mfr	
2	0	Hinge	TA2714 4-1/2" x 4-1/2" NRP	626	McKinney	106A
1	0	Electric Hinge	TA2714-QC12 4-1/2" x 4-1/2"	626	McKinney	107A
1	0	Rim Cylinder	K680-1.25 x 6-Pin x KT1	626	Yale	303A
1	0	Push Pad, Rim	7100F-B x AU691F x 757F x ECK1 {36"w}	630	Yale	309A
1	0	Permanent Core	7300B	619	Sargent	300A
1	0	Construction Core	7200	BLUE	Sargent	301A
1	0	Closer	4400	689	Yale	502A
1	0	Kickplate	K1050 x 4BE x CSK x 10"h {34"w}	630	Rockwood	600B
1	0	Wall Stop	406	630	Rockwood	701A
1	0	By Others	Door Position Switch	---	By Others	806A
1	0	Smoke Seal	S88BL17	BLCK	Pemko	812A
1	0	Wiring Harness, Frame	QC-C1500P	---	McKinney	804A
1	0	Wiring Harness, Door	QC-C006P	---	McKinney	805A
1	0	By Others	Power Supply	---	By Others	902A
1	0	By Others	Card Reader	---	By Others	901A

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.



Heading # 24.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
108		CIRCULATION 295 From COMMUNITY ROOM 108	HM	WD	6'-0" x 7'-0" x 1-3/4"	C45	RRA	1	PAIR

Qty Act	Qty Inact	Description		Finish	Mfr	
3	3	Hinge	T4A3786 4-1/2" x 4-1/2" NRP	626	McKinney	102A
2	0	Mortise Cylinder	K660 x 1-1/4" x 6-Pin	630	Yale	305A
0	1	Push Pad, Rim	7100F x EO x 757F x ECK1{36"w}	630	Yale	311A
1	1	Push Pad, Rim	7100F x EO x 757F{36"w}	630	Yale	312A
1	0	Next Touch, Exit Device Trim	AU-NTT622-ACC x ICLC	626	Yale	313A
2	0	Permanent Core	7300B	619	Sargent	300A
2	0	Construction Core	7200	BLUE	Sargent	301A
1	1	Closer - Parallel Arm	UNI4400 x 36" Door Width	689	Yale	504A
1	1	Kickplate	K1050 x 4BE x CSK x 10"h{34"w}	630	Rockwood	600B
1	0	ElectroMagnetic Holder	998M	689	Rixson	702A
1	1	By Wood Door Manufacturer	STC 37 SEAL SET W	---	VT Industries	816A
1	0	Mullion Gasketing	5110{72"w x 84"h}	BLCK	Pemko	802A

JRB (HDR)
If possible, update to Hold Open
function - remove magnetic holder.

Note

Door normally closed, latched, and locked.
Presenting valid credential or key override to unlock.
Door remains locked when power fails.
Free to egress at all times.



Heading # 25.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
101		LOBBY 101 From CIRCULATIOIN 147	HM	WD	6'-0" x 7'-0" x 1-3/4"	---	RRA	1	PAIR

Qty Act	Qty Inact	Description		Finish	Mfr	
2	3	Hinge	T4A3786 4-1/2" x 4-1/2" NRP	626	McKinney	102A
1	0	Electric Hinge	T4A3786-QC12 4-1/2" x 4-1/2"	626	McKinney	103A
0	1	Flush Bolt, Automatic	2845	630	Rockwood	203A
0	1	Dust Proof Strike	570	626	Rockwood	201A
1	0	Electric Lock, Fail Secure	B-AU-5491LN x 24VDC x REX x 694 x 497	626	Yale	308A
1	0	Permanent Core	7300B	619	Sargent	300A
1	0	Construction Core	7200	BLUE	Sargent	301A
1	0	Bar Coordinator	2672{72"w()}	BLCK	Rockwood	401B
1	1	Closer	4400	689	Yale	502A
1	1	Mounting Bracket	2601AB	BLCK	Rockwood	503A
1	1	Kickplate	K1050 x 4BE x CSK x 10"h{34"w}	630	Rockwood	600B
1	1	Wall Stop	406	630	Rockwood	701A
1	1	By Others	Door Position Switch	---	By Others	806A
1	0	Astragal (T-Style)	355CS{84"h}	ALUM	Pemko	814A
1	0	Wiring Harness, Frame	QC-C1500P	---	McKinney	804A
1	0	Wiring Harness, Door	QC-C206P	---	McKinney	811A
1	0	By Others	Power Supply	---	By Others	902A
1	0	By Others	Card Reader	---	By Others	901A
1	1	Silencer	608-RKW	GRAY	Rockwood	904A

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.

JRB (HDR)
 Silencers confirmed instead of gasketing



Heading # 26.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
144B		CIRCULATION 146 To MECH ROOM 144	HM	HM	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL

Qty Act	Qty Inact	Description			Finish	Mfr	
2	0	Hinge	TA2714	4-1/2" x 4-1/2"	626	McKinney	104A
1	0	Electric Hinge	TA2714-QC12	4-1/2" x 4-1/2"	626	McKinney	107A
1	0	Electric Lock, Fail Secure	B-AU-5491LN	x 24VDC x REX x 694 x 497	626	Yale	308A
1	0	Permanent Core	7300B		619	Sargent	300A
1	0	Construction Core	7200		BLUE	Sargent	301A
1	0	Closer	4400		689	Yale	502A
1	0	Kickplate	K1050	x 4BE x CSK x 10"h{34"w}	630	Rockwood	600B
1	0	Wall Stop	406		630	Rockwood	701A
1	0	By Others	Door Position Switch		---	By Others	806A
1	0	Wiring Harness, Frame	QC-C1500P		---	McKinney	804A
1	0	Wiring Harness, Door	QC-C206P		---	McKinney	811A
1	0	By Others	Power Supply		---	By Others	902A
1	0	By Others	Card Reader		---	By Others	901A
3	0	Silencer	608-RKW		GRAY	Rockwood	904A

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.



Heading # 26A.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
127B		DRIVER'S LOUNGE CORRIDOR To FAC MAINT STORAGE 127	HM	HM	3'-0" x 7'-0" x 1-3/4"	C45	L	1	SNGL

Qty Act	Qty Inact	Description		Finish	Mfr	
2	0	Hinge	TA2714 4-1/2" x 4-1/2"	626	McKinney	104A
1	0	Electric Hinge	TA2714-QC12 4-1/2" x 4-1/2"	626	McKinney	107A
1	0	Electric Lock, Fail Secure	B-AU-5491LN x 24VDC x REX x 694 x 497	626	Yale	308A
1	0	Permanent Core	7300B	619	Sargent	300A
1	0	Construction Core	7200	BLUE	Sargent	301A
1	0	Closer	4400	689	Yale	502A
1	0	Kickplate	K1050 x 4BE x CSK x 10"h{34"w}	630	Rockwood	600B
1	0	Wall Stop	406	630	Rockwood	701A
1	0	By Others	Door Position Switch	---	By Others	806A
3	0	Smoke Seal	S88BL17	BLCK	Pemko	812A
1	0	Wiring Harness, Frame	QC-C1500P	---	McKinney	804A
1	0	Wiring Harness, Door	QC-C206P	---	McKinney	811A
1	0	By Others	Power Supply	---	By Others	902A
1	0	By Others	Card Reader	---	By Others	901A

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.



Heading # 27.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
102B		LOBBY 101 To FUTURE OFFICE/WORK STATION 102	HM	WD	3'-0" x 7'-0" x 1-3/4"	C45	L	1	SNGL

Qty Act	Qty Inact	Description		Finish	Mfr	
2	0	Hinge	TA2714 4-1/2" x 4-1/2"	626	McKinney	104A
1	0	Electric Hinge	TA2714-QC12 4-1/2" x 4-1/2"	626	McKinney	107A
1	0	Electric Lock, Fail Secure	B-AU-5491LN x 24VDC x REX x 694 x 497	626	Yale	308A
1	0	Permanent Core	7300B	619	Sargent	300A
1	0	Construction Core	7200	BLUE	Sargent	301A
1	0	Closer	4400	689	Yale	502A
1	0	Kickplate	K1050 x 4BE x CSK x 10"h{34"w}	630	Rockwood	600B
1	0	Wall Stop	406	630	Rockwood	701A
1	0	By Others	Door Position Switch	---	By Others	806A
1	0	Smoke Seal	S88BL17	BLCK	Pemko	812A
1	0	Wiring Harness, Frame	QC-C1500P	---	McKinney	804A
1	0	Wiring Harness, Door	QC-C206P	---	McKinney	811A
1	0	By Others	Power Supply	---	By Others	902A
1	0	By Others	Card Reader	---	By Others	901A

JRB (HDR)
 Smoke seal confirmed
 instead of gasketing

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.



Heading # 27A.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
123		VESTIBULE 122 To SECURITY OFFICE 123	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
Qty Act	Qty Inact	Description				Finish	Mfr		
2	0	Hinge	TA2714	4-1/2" x 4-1/2"		626	McKinney	104A	
1	0	Electric Hinge	TA2714-QC12	4-1/2" x 4-1/2"		626	McKinney	107A	
1	0	Electric Lock, Fail Secure	B-AU-5491LN	x 24VDC x REX x 694 x 497		626	Yale	308A	
1	0	Permanent Core	7300B			619	Sargent	300A	
1	0	Construction Core	7200			BLUE	Sargent	301A	
1	0	Closer	4400			689	Yale	502A	
1	0	Kickplate	K1050	x 4BE x CSK x 10"h{34"w}		630	Rockwood	600B	
1	0	Wall Stop	406			630	Rockwood	701A	
1	0	By Others	Door Position Switch			---	By Others	806A	
1	0	Wiring Harness, Frame	QC-C1500P			---	McKinney	804A	
1	0	Wiring Harness, Door	QC-C206P			---	McKinney	811A	
1	0	By Others	Power Supply			---	By Others	902A	
1	0	By Others	Card Reader			---	By Others	901A	
3	0	Silencer	608-RKW			GRAY	Rockwood	904A	

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.

Heading # 29.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
145		CIRCULATION 146 From STORAGE 145	HM	HM	4'-0" x 7'-0" x 1-3/4"	---	RRA	1	PAIR
Qty Act	Qty Inact	Description				Finish	Mfr		
3	3	Hinge	TA2714	4-1/2" x 4-1/2" NRP		626	McKinney	106A	
0	2	Flush Bolt, Manual	555			626	Rockwood	204A	
0	1	Dust Proof Strike	570			626	Rockwood	201A	
1	0	Push-Button Lock	B-AU-NTB622-ZW2	x 694 x 497		626	Yale	314A	
1	0	Permanent Core	7300B			619	Sargent	300A	
1	0	Construction Core	7200			BLUE	Sargent	301A	
0	1	Wall Stop	406			630	Rockwood	701A	
1	0	Surface Overhead Stop	10-136	{24"w}		630	Rixson	703A	
1	1	Silencer	608-RKW			GRAY	Rockwood	904A	

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.



Heading # 30.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
110		CIRCULATION 295 From FURNITURE STORAGE 110	HM	WD	6'-0" x 7'-0" x 1-3/4"	---	RRA	1	PAIR

Qty Act	Qty Inact	Description	Finish	Mfr
3	3	Hinge	626	McKinney 106A
0	2	Flush Bolt, Manual	626	Rockwood 205A
0	1	Dust Proof Strike	626	Rockwood 201A
1	0	Push-Button Lock	626	Yale 314A
1	0	Permanent Core	619	Sargent 300A
1	0	Construction Core	BLUE	Sargent 301A
1	1	Closer - Parallel Arm	689	Yale 506A
1	1	Kickplate	630	Rockwood 600B
1	0	Astragal (T-Style)	ALUM	Pemko 814A
1	1	Silencer	GRAY	Rockwood 904A

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.

JRB (HDR)
 Silencers confirmed instead of gasketing

JRB (HDR)
 Update opening 236 to HW 33.0
 (similar to other storage)

Heading # 30A.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
236		CIRCULATION 232 To STORAGE 236	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SINGL

Qty Act	Qty Inact	Description	Finish	Mfr
3	0	Hinge	626	McKinney 104A
1	0	Push-Button Lock	626	Yale 314A
1	0	Permanent Core	619	Sargent 300A
1	0	Construction Core	BLUE	Sargent 301A
1	0	Closer - Parallel Arm	689	Yale 506A
1	0	Kickplate	630	Rockwood 600B
3	0	Silencer	GRAY	Rockwood 904A

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.



Heading # 31.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
108B		COMMUNITY ROOM 108 From CLOSET 108B	HM	WD	4'-0" x 7'-0" x 1-3/4"	---	RRA	1	PAIR
108C		COMMUNITY ROOM 108 From A/V CLOSET 108C	HM	WD	4'-0" x 7'-0" x 1-3/4"	---	RRA	1	PAIR

Qty	Qty	Description		Finish	Mfr	
Act	Inact					
3	3	Hinge	TA2714 4-1/2" x 4-1/2" NRP	626	McKinney	106A
0	2	Flush Bolt, Manual	557	626	Rockwood	205A
0	1	Dust Proof Strike	570	626	Rockwood	201A
1	0	Push-Button Lock	B-AU-NTB622-ZW2 x 694 x 497	626	Yale	314A
1	0	Permanent Core	7300B	619	Sargent	300A
1	0	Construction Core	7200	BLUE	Sargent	301A
1	1	Surface Overhead Stop	10-136{24"w}	630	Rixson	703A
1	1	Silencer	608-RKW	GRAY	Rockwood	904A

Note

Door normally closed, latched, and locked.
Presenting valid credential or key override to unlock.
Door remains locked when power fails.
Free to egress at all times.

JRB (HDR)
Silencers confirmed instead of gasketing

Heading # 32.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
140		CIRCULATION 146 From IDF ROOM 3 140	HM	HM	3'-0" x 7'-0" x 1-3/4"	---	RR	1	SNGL
141		CIRCULATION 146 From IDF ROOM 2 141	HM	HM	3'-0" x 7'-0" x 1-3/4"	---	LR	1	SNGL
142		CIRCULATION 146 From IDF ROOM 1 142	HM	HM	3'-0" x 7'-0" x 1-3/4"	---	LR	1	SNGL

Qty	Qty	Description		Finish	Mfr	
Act	Inact					
3	0	Hinge	TA2714 4-1/2" x 4-1/2" NRP	626	McKinney	106A
1	0	Push-Button Lock	B-AU-NTB622-ZW2 x 694 x 497	626	Yale	314A
1	0	Permanent Core	7300B	619	Sargent	300A
1	0	Construction Core	7200	BLUE	Sargent	301A
1	0	Closer - Parallel Arm	UNI4400 x 36" Door Width	689	Yale	504A
1	0	Kickplate	K1050 x 4BE x CSK x 10"h{34"w}	630	Rockwood	600B
3	0	Silencer	608-RKW	GRAY	Rockwood	904A

Note

Door normally closed, latched, and locked.
Presenting valid credential or key override to unlock.
Door remains locked when power fails.
Free to egress at all times.

JRB (HDR)
 Confirm with owner if 226 (IT Manager) and 237 (IT Work Room)
 should be STC-45 with STC-45 seals instead of silencers.

Heading # 33.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
117		CIRCULATION 295 To JANITOR 117	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL
118		CIRCULATION 147 To RECEPTION 118	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
119		DRIVER'S LOUNGE 136 To OPS OFFICE 119	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL
222		CIRCULATION 221 To ELEC 222	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL
226		CIRCULATION 238 To IT MANAGER 226	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
234A		BREAK ROOM 234 To STORAGE 234A	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL
237		CIRCULATION 232 To IT WORK ROOM 237	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL

Qty Act	Qty Inact	Description		Finish	Mfr	
3	0	Hinge	TA2714 4-1/2" x 4-1/2"	626	McKinney	104A
1	0	Push-Button Lock	B-AU-NTB622-ZW2 x 694 x 497	626	Yale	314A
1	0	Permanent Core	7300B	619	Sargent	300A
1	0	Construction Core	7200	BLUE	Sargent	301A
1	0	Closer	4400	689	Yale	502A
1	0	Kickplate	K1050 x 4BE x CSK x 10"h{34"w}	630	Rockwood	600B
1	0	Wall Stop	406	630	Rockwood	701A
3	0	Silencer	608-RKW	GRAY	Rockwood	904A

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.



Heading # 33A.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
103		FUTURE OFFICE/WORK STATION 102 From ICE MELT 103	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	LR	1	SNGL
237A		IT WORK ROOM 237 From IT STORAGE 237A	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	RR	1	SNGL

Qty Act	Qty Inact	Description	Finish	Mfr
3	0	Hinge TA2714 4-1/2" x 4-1/2" NRP	626	McKinney 106A
1	0	Push-Button Lock B-AU-NTB622-ZW2 x 694 x 497	626	Yale 314A
1	0	Permanent Core 7300B	619	Sargent 300A
1	0	Construction Core 7200	BLUE	Sargent 301A
1	0	Closer 4400	689	Yale 502A
1	0	Kickplate K1050 x 4BE x CSK x 10"h{34"w}	630	Rockwood 600B
1	0	Wall Stop 406	630	Rockwood 701A
3	0	Silencer 608-RKW	GRAY	Rockwood 904A

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.

Heading # 33B.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
139B		CIRCULATION 147 To UTILITY ROOM 139	HM	WD	3'-0" x 7'-0" x 1-3/4"	C45	R	1	SNGL

Qty Act	Qty Inact	Description	Finish	Mfr
3	0	Hinge TA2714 4-1/2" x 4-1/2"	626	McKinney 104A
1	0	Push-Button Lock B-AU-NTB622-ZW2 x 694 x 497	626	Yale 314A
1	0	Permanent Core 7300B	619	Sargent 300A
1	0	Construction Core 7200	BLUE	Sargent 301A
1	0	Closer 4400	689	Yale 502A
1	0	Kickplate K1050 x 4BE x CSK x 10"h{34"w}	630	Rockwood 600B
1	0	Wall Stop 406	630	Rockwood 701A
1	0	Smoke Seal S88BL17	BLCK	Pemko 812A

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.



JRB (HDR) 12/11/23
 Add door 217 to HW 34.00 as door
 should swing in like all other offices.

Heading # 34.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
200		OPEN OFFICE 205 To OFFICE 200	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL
201		OPEN OFFICE 205 To OFFICE 201	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
202		OPEN OFFICE 205 To OFFICE 202	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL
203		OPEN OFFICE 207 To OFFICE 203	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
210		OPEN OFFICE 205 To GM OFFICE 210	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL
211		OPEN OFFICE 205 To OFFICE 211	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
212		OPEN OFFICE 207 To OFFICE 212	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
213		OPEN OFFICE 207 To OFFICE 213	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL
219		CIRCULATION 221 To OFFICE 219	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL
220		CIRCULATION 221 To OFFICE 220	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL

Qty Act	Qty Inact	Description		Finish	Mfr	
3	0	Hinge	TA2714 4-1/2" x 4-1/2"	626	McKinney	104A
1	0	Push-Button Lock	B-AU-NTB622-ZW2 x 694 x 497	626	Yale	314A
1	0	Permanent Core	7300B	619	Sargent	300A
1	0	Construction Core	7200	BLUE	Sargent	301A
1	0	Closer	4400	689	Yale	502A
1	0	Kickplate	K1050 x 4BE x CSK x 10"h{34"w}	630	Rockwood	600B
1	0	Wall Stop	406	630	Rockwood	701A
1	0	By Wood Door Manufacturer	STC 45 SEALS SET W	---	VT Industries	815A

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.

Heading # 34A.00

Number	Keyst	Location	Frame	Door	Size	Label	Hand	Qty	Type
217		CIRCULATION 221 From OFFICE 217	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	RR	1	SNGL

Qty Act	Qty Inact	Description	Frame	Door	Size	Label	Hand	Qty	Type
3	0	Hinge	TA2714	4-1/2" x 4-1/2" NRP		626	McKinney	106A	
1	0	Push-Button Lock	B-AU-NTB622	ZW2 x 694 x 497		626	Yale	314A	
1	0	Permanent Core	7300B			619	Sargent	300A	
1	0	Construction Core	7200			BLUE	Sargent	301A	
1	0	Closer	4400			689	Yale	502A	
1	0	Kickplate	K1050	x 4BE x CSK x 10"h{34"w}		630	Rockwood	600B	
1	0	Wall Stop	406			630	Rockwood	701A	
1	0	By Wood Door Manufacturer	STC 45 SEALS SET W				VT Industries	815A	

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.

Heading # 35.00

Number	Keyst	Location	Frame	Door	Size	Label	Hand	Qty	Type
109B		CIRCULATION 295 To KITCHENETTE 109	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL

Qty Act	Qty Inact	Description	Frame	Door	Size	Label	Hand	Qty	Type
3	0	Hinge	TA2714	4-1/2" x 4-1/2"		626	McKinney	104A	
1	0	Push-Button Lock	B-AU-NTB622	ZW2 x 694 x 497		626	Yale	314A	
1	0	Permanent Core	7300B			619	Sargent	300A	
1	0	Construction Core	7200			BLUE	Sargent	301A	
1	0	Closer	4410			689	Yale	507A	
1	0	Kickplate	K1050	x 4BE x CSK x 10"h{34"w}		630	Rockwood	600B	
1	0	Wall Stop	406			630	Rockwood	701A	
3	0	Silencer	608-RKW			GRAY	Rockwood	904A	

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.

JRB (HDR)
 Silencers confirmed instead of gasketing



JRB (HDR)
Update HW set for opening 120
without keypad function.

Heading # 36.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
120		DRIVER'S LOUNGE 136 To WELLNESS ROOM 120	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL
223		CIRCULATION 221 To SERVER 223	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL

Qty Act	Qty Inact	Description	Finish	Mfr
3	0	Hinge TA2714 4-1/2" x 4-1/2"	626	McKinney 104A
1	0	Push-Button Lock B-AU-NTB622-ZW2 x 694 x 497	626	Yale 314A
1	0	Permanent Core 7300B	619	Sargent 300A
1	0	Construction Core 7200	BLUE	Sargent 301A
1	0	Closer 4400	689	Yale 502A
1	0	Kickplate K1050 x 4BE x CSK x 10"h{34"w}	630	Rockwood 600B
1	0	Concealed Overhead Stop 1ADJ-336{36"w}	630	Rixson 704A
3	0	Silencer 608-RKW	GRAY	Rockwood 904A

Note

Door normally closed, latched, and locked.
Presenting valid credential or key override to unlock.
Door remains locked when power fails.
Free to egress at all times.

JRB (HDR)
Silencers confirmed instead of gasketing

Heading # 37A.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
121		DRIVER'S LOUNGE 136 To DISPATCH OFFICE 121	ALBO	ALBO	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL

Qty Act	Qty Inact	Description	Finish	Mfr
1	0	Permanent Core 7300B	619	Sargent 300A
1	0	Construction Core 7200	BLUE	Sargent 301A
1	0	By Others All Remaining Hardware	---	By Others 900A

Note

Door normally closed, latched, and locked.
Presenting valid credential or key override to unlock.
Door remains locked when power fails.
Free to egress at all times.

Heading # 38.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
109A		COMMUNITY ROOM 108 From KITCHENETTE 109	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	RR	1	SNGL

Qty Act	Qty Inact	Description	Frame	Door	Size	Label	Hand	Qty	Type
3	0	Hinge	TA2714	4-1/2" x 4-1/2"	NRP	626	McKinney	106A	
1	0	Push-Button Lock	B-AU-NTB622-ZW2	x 694	x 497	626	Yale	314A	
1	0	Permanent Core	7300B			619	Sargent	300A	
1	0	Construction Core	7200			BLUE	Sargent	301A	
1	0	Closer	4400			689	Yale	502A	
1	0	Kickplate	K1050	x 4BE	x CSK	x 10"h{34"w}	630	Rockwood	600B
1	0	ElectroMagnetic Holder	998M			689	Rixson	702A	
1	0	BY Wood Door Manufacturer	STC 50 SEALS SET W			---	VT Industries	813A	

Note

Door normally closed, latched, and locked.
 Door can be held open by electromagnetic holder.
 Presenting valid credential or key override to unlock.
 Electromagnetic holder releases and door remains locked when power fails.
 Free to egress at all times.

JRB (HDR)
 Confirm if closer could replace the same function as the electromagnetic holder since the wall-mounted holder would be within acoustical panels of Community Room east wall.

Heading # 39.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
135		DRIVER'S LOUNGE CORRIDOR To JANITOR 135	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
146		CIRCULATION 147 From CIRCULATION 146	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL
235		CIRCULATION 232 To JANITOR 235	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL

Qty Act	Qty Inact	Description	Frame	Door	Size	Label	Hand	Qty	Type
3	0	Hinge	TA2714	4-1/2" x 4-1/2"		626	McKinney	104A	
1	0	Storeroom Lockset	B-AU-5405LN	x 694	x 497	626	Yale	315A	
1	0	Permanent Core	7300B			619	Sargent	300A	
1	0	Construction Core	7200			BLUE	Sargent	301A	
1	0	Closer	4400			689	Yale	502A	
1	0	Kickplate	K1050	x 4BE	x CSK	x 10"h{34"w}	630	Rockwood	600B
1	0	Wall Stop	406			630	Rockwood	701A	
3	0	Silencer	608-RKW			GRAY	Rockwood	904A	

Note

JRB (HDR)
 Silencers confirmed instead of gasketing



Heading # 40.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
104		FUTURE OFFICE/WORK STATION 102 From ELECTRICAL ROOM 104	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	LR	1	SNGL

Qty Act	Qty Inact	Description		Finish	Mfr	
3	0	Hinge	TA2714 4-1/2" x 4-1/2" NRP	626	McKinney	106A
1	0	Push-Button Lock	B-AU-NTB622-ZW2 x 694 x 497	626	Yale	314A
1	0	Permanent Core	7300B	619	Sargent	300A
1	0	Construction Core	7200	BLUE	Sargent	301A
1	0	Closer - Parallel Arm	UNI4400 x 36" Door Width	689	Yale	504A
1	0	Kickplate	K1050 x 4BE x CSK x 10"h{34"w}	630	Rockwood	600B
3	0	Silencer	608-RKW	GRAY	Rockwood	904A

Note

Door normally closed, latched, and locked.
 Presenting valid credential or key override to unlock.
 Door remains locked when power fails.
 Free to egress at all times.

JRB (HDR)
 Silencers confirmed instead of gasketing



Heading # 41.00

Number	Keyset	Location	Frame	Door	Size	Label	Hand	Qty	Type
105		FUTURE OFFICE/WORK STATION 102 To RESTROOM 105	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
111		CIRCULATION 295 To FAMILY TOILET 111	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
112		CIRCULATION 295 To TOILET 112	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
113		CIRCULATION 295 To TOILET 113	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL
114		CIRCULATION 295 To TOILET 114	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
115		CIRCULATION 295 To TOILET 115	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL
116		CIRCULATION 295 To FAMILY TOILET 116	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
128		DRIVER'S LOUNGE CORRIDOR To UNISEX SHOWER 128	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
129		DRIVER'S LOUNGE CORRIDOR To TOILET 129	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL
130		DRIVER'S LOUNGE CORRIDOR To TOILET 130	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL
131		DRIVER'S LOUNGE CORRIDOR To TOILET 131	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
132		DRIVER'S LOUNGE CORRIDOR To TOILET 132	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
133		DRIVER'S LOUNGE CORRIDOR To TOILET 133	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL
134		DRIVER'S LOUNGE CORRIDOR To TOILET 134	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
228		CIRCULATION 232 To TOILET 228	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL
229		CIRCULATION 232 To TOILET 229	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL

Qty Act	Qty Inact	Description		Finish	Mfr	
3	0	Hinge	TA2714 4-1/2" x 4-1/2"	626	McKinney	104A
1	0	Privacy Set	AU-YPL02	626	Yale	316A
1	0	Closer	4400	689	Yale	502A
1	0	Kickplate	K1050 x 4BE x CSK x 10"h{34"w}	630	Rockwood	600B
1	0	Wall Stop	409	630	Rockwood	705A
1	0	Smoke Seal	S88BL17	BLCK	Pemko	812A

Note

JRB (HDR)
Smoke seals/gasketing confirmed.



Heading # 42.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
227		CIRCULATION 238 To QUIET 227	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL

Qty Act	Qty Inact	Description	Frame	Door	Size	Label	Hand	Qty	Type
3	0	Hinge	TA2714	4-1/2" x 4-1/2"		626	McKinney	104A	
1	0	Privacy Set	AU-YPL02			626	Yale	316A	
1	0	Closer	4400			689	Yale	502A	
1	0	Kickplate	K1050 x 4BE x CSK x 10"h{34"w}			630	Rockwood	600B	
1	0	Wall Stop	409			630	Rockwood	705A	
1	0	By Wood Door Manufacturer	STC 45 SEALS SET W			---	VT Industries	815A	

Note

Heading # 43.00

Number	Keypad	Location	Frame	Door	Size	Label	Hand	Qty	Type
204		CIRCULATION 233 To SMALL CONF ROOM 204	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	L	1	SNGL
214		ALCOVE 216 To SMALL CONF ROOM 214	HM	WD	3'-0" x 7'-0" x 1-3/4"	---	R	1	SNGL

Qty Act	Qty Inact	Description	Frame	Door	Size	Label	Hand	Qty	Type
3	0	Hinge	TA2714	4-1/2" x 4-1/2"		626	McKinney	104A	
1	0	Passage Set	AU-5401LN x 693 x 497			626	Yale	317A	
1	0	Closer	4410			689	Yale	507A	
1	0	Kickplate	K1050 x 4BE x CSK x 10"h{34"w}			630	Rockwood	600B	
1	0	Wall Stop	406			630	Rockwood	701A	
1	0	BY Wood Door Manufacturer	STC 50 SEALS SET W			---	VT Industries	813A	

Note

Hardware Summary

By Others

<u>Quantity</u>	<u>Description</u>	<u>Finish</u>	<u>Code</u>
20 EA	By Others - Door Position Switch	---	806A
23 EA	By Others - All Remaining Hardware	---	900A
15 EA	By Others - Card Reader	---	901A
15 EA	By Others - Power Supply	---	902A

Hes

<u>Quantity</u>	<u>Description</u>	<u>Finish</u>	<u>Code</u>
2 EA	Electric Strike - 1600CS-12/24D-DLMS	630	307A
2 EA	ElectroLynx Adaptor - 2004M	---	808A
2 EA	SMART Pac Bridge Rectifier - 2005M3	---	903A

McKinney

<u>Quantity</u>	<u>Description</u>	<u>Finish</u>	<u>Code</u>
13 EA	Hinge - T4A3786 5" x 4-1/2" NRP	626	100A
5 EA	Electric Hinge - T4A3786-QC12 5" x 4-1/2"	626	101A
15 EA	Hinge - T4A3786 4-1/2" x 4-1/2" NRP	626	102A
3 EA	Electric Hinge - T4A3786-QC12 4-1/2" x 4-1/2"	626	103A
140 EA	Hinge - TA2714 4-1/2" x 4-1/2"	626	104A
63 EA	Hinge - TA2714 4-1/2" x 4-1/2" NRP	626	106A
7 EA	Electric Hinge - TA2714-QC12 4-1/2" x 4-1/2"	626	107A
17 EA	Wiring Harness, Frame - QC-C1500P	---	804A
7 EA	Wiring Harness, Door - QC-C006P	---	805A
1 EA	Wiring Harness, Door - QC-C306P	---	810A
7 EA	Wiring Harness, Door - QC-C206P	---	811A

Hardware Summary

Pemko

<u>Quantity</u>	<u>Description</u>	<u>Finish</u>	<u>Code</u>
4 EA	Threshold - 171A{36"w}	ALUM	800A
1 EA	Threshold - 171A{68"w}	ALUM	800B
1 EA	Threshold - 171A{76"w}	ALUM	800C
2 EA	Threshold - 171A{92"w}	ALUM	800D
4 EA	Weatherstrip - 303AS{36"w x 84"h}	ALUM	801A
1 EA	Weatherstrip - 303AS{68"w x 84"h}	ALUM	801B
1 EA	Weatherstrip - 303AS{76"w x 84"h}	ALUM	801C
2 EA	Weatherstrip - 303AS{92"w x 84"h}	ALUM	801D
1 EA	Mullion Gasketing - 5110{72"w x 84"h}	BLCK	802A
1 EA	Mullion Gasketing - 5110{76"w x 84"h}	BLCK	802B
1 EA	Mullion Gasketing - 5110{92"w x 84"h}	BLCK	802C
2 EA	Sweep - 315CN{34"w}	ALUM	803A
4 EA	Sweep - 315CN{36"w}	ALUM	803B
2 EA	Sweep - 315CN{38"w}	ALUM	803C
4 EA	Sweep - 315CN{46"w}	ALUM	803D
4 EA	Drip Cap - 346A{40"w}	ALUM	807A
1 EA	Drip Cap - 346A{72"w}	ALUM	807B
1 EA	Drip Cap - 346A{96"w}	ALUM	807C
2 EA	Astragal - 357SP84{84"h}	600	809A
23 EA	Smoke Seal - S88BL17	BLCK	812A
2 EA	Astragal (T-Style) - 355CS{84"h}	ALUM	814A

Rixson

<u>Quantity</u>	<u>Description</u>	<u>Finish</u>	<u>Code</u>
2 EA	ElectroMagnetic Holder - 998M	689	702A
5 EA	Surface Overhead Stop - 10-136{24"w}	630	703A
2 EA	Concealed Overhead Stop - 1ADJ-336{36"w}	630	704A

Hardware Summary

Rockwood

<u>Quantity</u>	<u>Description</u>	<u>Finish</u>	<u>Code</u>
7 EA	Dust Proof Strike - 570	626	201A
3 EA	Flush Bolt, Automatic - 2845	630	203A
2 EA	Flush Bolt, Manual - 555	626	204A
6 EA	Flush Bolt, Manual - 557	626	205A
1 EA	Bar Coordinator - 2696{92"w()}	BLCK	400A
1 EA	Bar Coordinator - 2672{68"w()}	BLCK	401A
1 EA	Bar Coordinator - 2672{72"w()}	BLCK	401B
6 EA	Mounting Bracket - 2601AB	BLCK	503A
2 EA	Kickplate - K1050 x 4BE x CSK x 10"h{32"w}	630	600A
68 EA	Kickplate - K1050 x 4BE x CSK x 10"h{34"w}	630	600B
2 EA	Kickplate - K1050 x 4BE x CSK x 10"h{36"w}	630	600C
4 EA	Kickplate - K1050 x 4BE x CSK x 10"h{44"w}	630	600D
1 EA	Floor Stop - 441H	626	700A
36 EA	Wall Stop - 406	630	701A
17 EA	Wall Stop - 409	630	705A
76 EA	Silencer - 608-RKW	GRAY	904A

Sargent

<u>Quantity</u>	<u>Description</u>	<u>Finish</u>	<u>Code</u>
70 EA	Permanent Core - 7300B	619	300A
70 EA	Construction Core - 7200	BLUE	301A

VT Industries

<u>Quantity</u>	<u>Description</u>	<u>Finish</u>	<u>Code</u>
3 EA	BY Wood Door Manufacturer - STC 50 SEALS SET W	---	813A
12 EA	By Wood Door Manufacturer - STC 45 SEALS SET W	---	815A
2 EA	By Wood Door Manufacturer - STC 37 SEAL SET W	---	816A

Hardware Summary

Yale

<u>Quantity</u>	<u>Description</u>	<u>Finish</u>	<u>Code</u>
2 EA	Keyed Removable Mullion - KRM200 x 7-2 Ft	600	200A
1 EA	Push Pad, Rim - 7100 x AU691F x 757F x ECK1{36"w}	630	302A
1 EA	Push Pad, Rim - 7100 x AU691F x 757F x ECK1{38"w}	630	302B
1 EA	Push Pad, Rim - 7100 x AU691F x 757F x ECK1{46"w}	630	302C
5 EA	Rim Cylinder - K680-1.25 x 6-Pin x KT1	626	303A
1 EA	Push Pad, Rim - 7100-B x EO x 757F x ECK1{38"w}	630	304A
1 EA	Push Pad, Rim - 7100-B x EO x 757F x ECK1{46"w}	630	304B
4 EA	Mortise Cylinder - K660 x 1-1/4" x 6-Pin	630	305A
2 EA	Storeroom Lockset - AUR-8840FL x K660 x Less Core x 2815 (1-1/4"LTC) x V21	630	306A
8 EA	Electric Lock, Fail Secure - B-AU-5491LN x 24VDC x REX x 694 x 497	626	308A
1 EA	Push Pad, Rim - 7100F-B x AU691F x 757F x ECK1{36"w}	630	309A
1 EA	Push Pad, Rim - 7100F x AU691F x 757F x ECK1{36"w}	630	310A
1 EA	Push Pad, Rim - 7100F x EO x 757F x ECK1{36"w}	630	311A
2 EA	Push Pad, Rim - 7100F x EO x 757F{36"w}	630	312A
1 EA	Next Touch, Exit Device Trim - AU-NTT622-ACC x ICLC	626	313A
34 EA	Push-Button Lock - B-AU-NTB622-ZW2 x 694 x 497	626	314A
3 EA	Storeroom Lockset - B-AU-5405LN x 694 x 497	626	315A
17 EA	Privacy Set - AU-YPL02	626	316A
2 EA	Passage Set - AU-5401LN x 693 x 497	626	317A
4 EA	Closer - Parallel Arm - UNI4410 x 38" Door Width	689	500A
2 EA	Closer - Parallel Arm - UNI4410 x 46" Door Width	689	501A
53 EA	Closer - 4400	689	502A
9 EA	Closer - Parallel Arm - UNI4400 x 36" Door Width	689	504A
2 EA	Closer - Parallel Arm - UNI4410 x 34" Door Width	689	505A
3 EA	Closer - Parallel Arm - UNI4410 x 36" Door Width	689	506A
3 EA	Closer - 4410	689	507A

1600 Electric Strike

Works with all brands of cylindrical and mortise locksets, with or without a deadbolt



Also available in a Complete One Box Solution

The 1600 Series electric strike accommodates up to a 1" deadbolt with enhanced vertical cavity spacing.

The 1600 Series Electric Strike sets a new standard in the industry by offering dynamic integrated adjustability and field configurable options compatible with any cylindrical or mortise lock. The modular design of the platform makes stocking and installing easier with interchangeable faceplates and accessories. For the first time, the aesthetics of an electric strike are complementary to other surrounding door hardware and blend in with the opening due to the fully finished design, available in eight finishes.

Features

Standard Features

- Stainless steel construction
- Tamper resistant
- Static strength 1,500 lbs
- Dynamic strength 70 ft-lbs
- Endurance 1 million cycles
- Field selectable fail safe/fail secure
- Non-handed
- Interchangeable faceplates and accessories
- Field replaceable components
- Fully finished faceplate, keeper, case and trim
- Field adjustable integrated shim
- Strike body depth 1-5/8" [41.3mm]
- SecuriCare ten-year, no-fault, no questions asked warranty

Optional Features

- **LM** Lock monitor
- **DLM** Dual lock monitors
- **LMS** Lock monitor and strike monitor
- **DLMS** Dual lock monitors and strike monitor

Accessories

- **157** Torx screws
- **HESCUT-MTK** Metal template kit
- **1600-104-xxx** Lip extension trim adapter (finish to match)
- **1600-106-xxx** 1006 adapter and trim enhancer kit (finish to match)
- **OPT-1SRK** Spring replacement kit
- **OPT-1LM** Single lock monitor
- **OPT-1DLM** Dual lock monitors
- **MOD-1SOL** Solenoid replacement module



Grade 1



SecuriCare Warranty



Mortise Locks with Deadbolt



Mortise Locks without Deadbolt



Cylindrical Locksets



Field Selectable (Fail secure / Fail safe)



Dual Voltage 12/24



PoE Friendly



Fire Rated



Windstorm Resistant



Outdoor Rated



Burglary Rated

Specifications

Certifications

- ANSI/BHMA A156.31, Grade 1
- UL 1034 burglary-resistant listed and suitable for outdoor use
- UL 294 listed
- RoHS compliant
- UL 10C fire rated, 3-hour single door (fail secure only)
- UL 10C fire rated, 1-1/2 hour double door (fail secure only)
- CAN/ULC-S104 fire door conformant
- NFPA-252 fire door compliant
- ASTM-E152 fire door compliant
- California Fire Marshal listed
- ANSI/SDI A250.13 windstorm resistant
- Florida Building Code approved TAS 201, 202, 203
- ANSI-ASTM E330

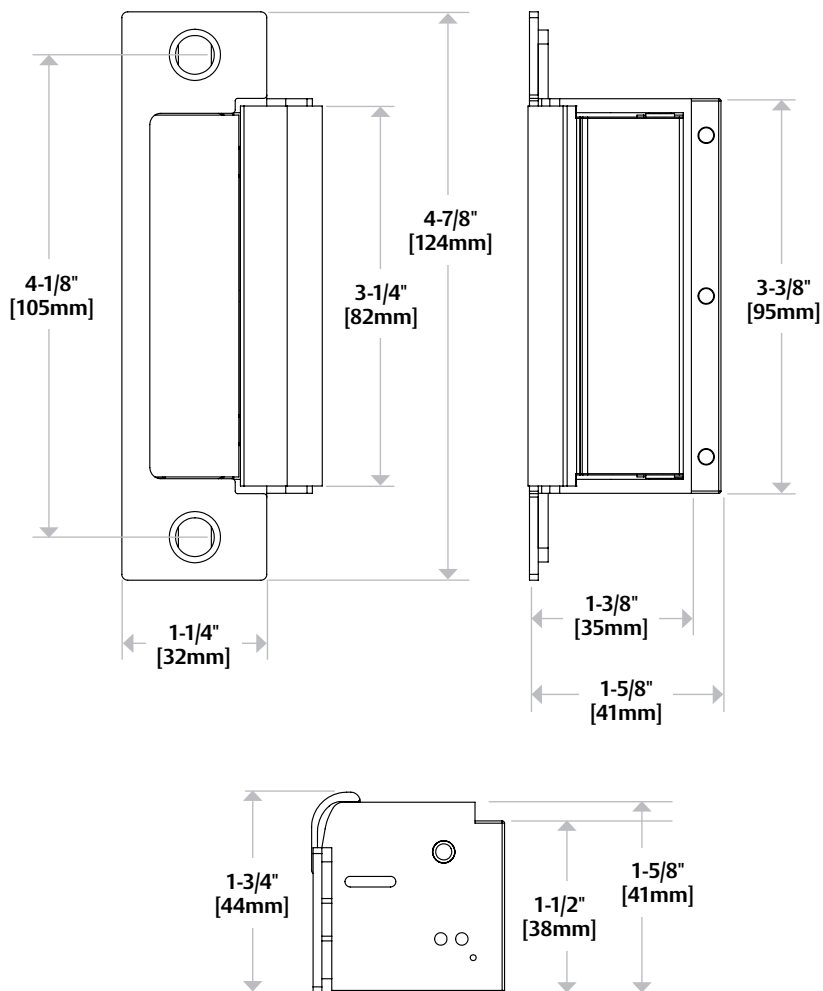
Frame Application

- Metal
- Wood

Electrical (DC Continuous Duty)

- Dual voltage 12/24 VDC/VAC
- 240 mA at 12 VDC/120 mA at 24 VDC
- PoE friendly

Dimensions








How to Order

SERIES	MODEL	FINISH*	OPTION (S)
1600	- CS	- 630	- LM
1600 Universal Electric Strike	(blank) Electric strike body only, faceplates ordered separately	605 Bright Brass	(blank) No Monitor
	CS* Complete Electric Strike; includes 1LB faceplate kit for latchbolts and 1DB faceplate kit for deadbolts	606 Satin Brass	LM Lock Monitor
	CLB* Complete Electric Strike for Latchbolt Locks; includes 1LB faceplate kit for latchbolts	612 Satin Bronze	DLM Dual Lock Monitor
	CDB* Complete Electric Strike for Deadbolt Locks; includes 1DB faceplate kit for deadbolts	613 Bronze Toned	LMS Lock Monitor and Strike Monitor
		613E Dark Oxidized Satin Bronze Powder	
		629 Bright Stainless Steel	DLMS Dual Lock Monitors and Strike Monitor
		630 Satin Stainless Steel	
		630P Black Suede Powder	

*Complete Pacs are only available in the 630 finish

NOTE: Electric strike compatibility is determined at time of electric strike product release. ASSA ABLOY is not responsible for incompatibility of products that have changed in design or craftsmanship by their respective manufacturers. When compatibility is a concern, contact Customer Support for application assistance.

Accessories

ITEM	ACCESSORY	DESCRIPTION
	157D Torx® security bit	<ul style="list-style-type: none"> Tamper resistant Torx® R20 insert bit.
	310-2-3 Astragal strike latch guard	<ul style="list-style-type: none"> Designed to prevent tampering with the latchbolt, and the latchbolt keeper. Prevents one door from being opened before the other.
	2001-1 Wire-in bridge rectifier	<ul style="list-style-type: none"> Converts AC to unfiltered DC. Rated 35 V, 2 Amp. Not recommended for 1006 Electric Strike.
	2001M Plug-in bridge rectifier	<ul style="list-style-type: none"> Converts AC to unfiltered DC. Rated 35 V, 1 Amp. Includes MOV and self-resettable fuse Not recommended for 1006 Electric Strike.
	2004M ElectroLynx® adapter	<ul style="list-style-type: none"> Adapter between existing electric strikes and ElectroLynx® connectors.
	2005M3 SMART Pac® III <i>Addition of Smart Pac to any electric strike extends the 5 year no-fault warranty to a 10 year no-fault warranty.</i>	<ul style="list-style-type: none"> In-line power controller able to receive input voltages from 12- 32V AC or DC. Built-in bridge rectifier. Reduces initial voltage by 25% to extend the life of the electric strike. Includes built-in resettable fuse, MOV, voltage regulation and input voltage level indicating and unit status. For use with 1006, input voltage must be DC.
	2006M Plug-in buzzer	<ul style="list-style-type: none"> Audible operation indicator at 24 VDC, 75db at 11-3/4".
	2007M Plug-in pigtail connectors	<ul style="list-style-type: none"> With 4" wire leads.

Five Knuckle Standard Weight Series

Recommended for standard weight, medium frequency doors, or doors with closing devices.

- Use for common flush door/frame/wall applications
- For Beveled Edge, where doors are beveled on hinge side, specify TA4314 or TA4714
- For available finishes see page 28

No.	ANSI Cross Reference	Base Material	Weight
TA2314	A5112	Stainless	STD
TA2314	A2112	Brass	STD
TA2714	A8112	Steel	STD

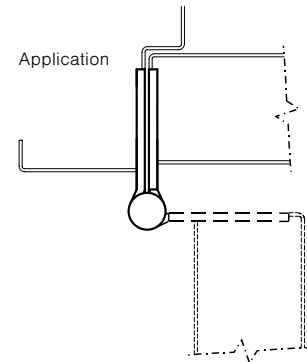
TA2314
TA2714



Specifications

Inches	mm	Gauge	No. of Holes	Fasteners	
				Machine	Wood
3 1/2" x 3 1/2"*	88.9 x 88.9	.123	6	1/2 x 10-24	1 x 10
4" x 4"*	101.6 x 101.6	.130	8	1/2 x 12-24	1 1/4 x 12
4 1/2" x 4"	114.3 x 101.6	.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2" x 4 1/2"	114.3 x 114.3	.134	8	1/2 x 12-24	1 1/4 x 12
5" x 4 1/2"*	127 x 114.3	.146	8	1/2 x 12-24	1 1/4 x 12
5" x 5"*	127 x 127	.146	8	1/2 x 12-24	1 1/4 x 12
6" x 6"*	152.4 x 152.4	.160	10	1/2 x 1/4-20	1 1/2 x 14

* Not available in Brass base material.



Options:

Code	Description
NRP	Non-Removable Pin
TB	Ball Bearing
TCA	Concealed Bearing
RC	Round Corner – 1/4" radius furnished unless specified otherwise
HT	Hospital Tip
BT	Ball Tip
FT	Flat Tip*

Code	Description
GT	Grooved Tip*
LT	Lined Tip*
RT	Round Tip*
ST	Steeple Tip
SSF	Safety Stud Feature
CC-18	Concealed Circuit – 2, 4, 6, 8 or 10 wire available (2-18AWG wires and the remainder 28AWG wires)

Code	Description
MM	Magnetic Monitoring
QC	ElectroLynx® Hinge – 4, 8 or 12 wire available
CC	Concealed Circuit – 4, 8 or 12 wire available

*Not available on 3-1/2" and 6" sizes

Steel & Stainless Approved for NFPA 80 fire rated openings

McKinney Hinge Pin Door Stop

- Recommended for high-use or high impact doors with McKinney T2714 or TA2714 hinges
- Protects against damage to doors and walls
- Runs the full length of the hinge

Part number	Description	Finish
76305	Hinge Pin Stop for MacPro MP79 & MPB79	26D
76306	Hinge Pin Stop for McKinney T2714 & TA2714	26D
76307	Hinge Pin Stop for MacPro MP79 & MPB79	BSP
76308	Hinge Pin Stop for McKinney T2714 & TA2714	BSP



800-346-7707 | www.mckinneyhinge.com
Check the web site for the up-to-date catalog

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McKinney
ASSA ABLOY

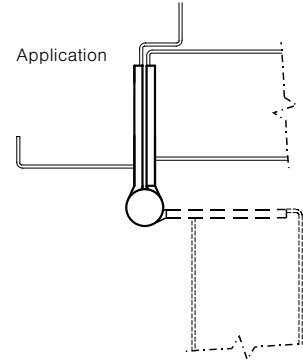
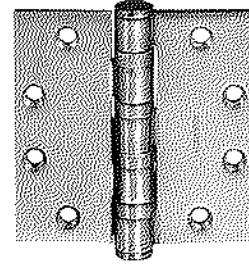
Experience a safer
and more

Five Knuckle Heavy Weight Full Mortise Series

Recommended for use on high frequency and/or heavy wood or metal doors in schools, hospitals or other public buildings where heavy traffic is experienced.

- Heavy weight hinges should be used on all extra heavy doors or those exposed to high frequency use
- T4A3386- Stainless steel base or available in brass base material polished
- T4A3786- Steel base material
- For Beveled Edge, where doors are beveled on hinge side, specify T4A4386 or T4A4786
- For available finishes see page ²⁸

T4A3386
T4A3786



Note: 8" x 6" and 8" x 8" have six bearings. Specify T6B3386 or T6B3786.

No.	ANSI Cross Reference	Base Material	Weight
T4A3386	A5111	Stainless	HVY
T4A3386	A2111	Brass	HVY
T4A3786	A8111	Steel	HVY

Specifications

Inches	mm	Gauge	No. of Holes	Fasteners	
				Machine	Wood
4 1/2" x 4"	114.3 x 101.6	.180	8	1/2 x 12-24	1 1/4 x 12
4 1/2" x 4 1/2"	114.3 x 114.3	.180	8	1/2 x 12-24	1 1/4 x 12
5" x 4 1/2"	127 x 114.3	.190	8	1/2 x 12-24	1 1/4 x 12
5" x 5"	127 x 127	.190	8	1/2 x 12-24	1 1/4 x 12
6" x 5"	152.4 x 127	.203	10	1/2 x 1/4-20	1 1/2 x 14
6" x 6"	152.4 x 152.4	.203	10	1/2 x 1/4-20	1 1/2 x 14
8" x 6"	203.2 x 125.4	.203	16	1/2 x 1/4-20	1 1/2 x 14
8" x 8"	203.2 x 203.2	.203	16	1/2 x 1/4-20	1 1/2 x 14

- * Not available in brass base material.
- ** Available in steel only.
- ***Available in stainless steel only.
- ****FT tips not offered on 6" and 8" sizes, BT and ST not offered on 8" sizes.

Options:

Code	Description
NRP	Non-Removable Pin
T4B	Ball Bearing
TCA	Concealed Bearing
RC	Round Corner – 1/4" radius furnished unless specified otherwise
HT	Hospital Tip
BT****	Ball Tip
FT ****	Flat Tip
ST****	Steeple Tip
SSF	Safety Stud Feature
RB	Raised Barrel*
QC	ElectroLynx® Hinge – 4, 8 or 12 wire available
CC	Concealed Circuit – 4, 8 or 12 wire available
CC-18	Concealed Circuit – 2, 4, 6, 8 or 10 wire available (2-18AWG wires and the remainder 28AWG wires)
MM	Magnetic Monitoring

Steel & Stainless Approved for NFPA 80 fire rated openings

* Refer to page SP-3 for Raised Barrel.



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800-346-7707 | www.mckinneyhinge.com
Check the web site for the up-to-date catalog

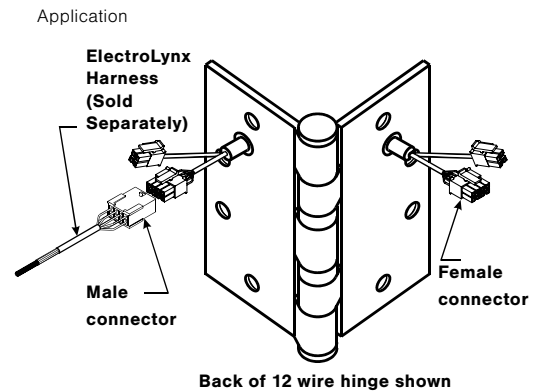
ElectroLynx® Hinge (QC option)

Each hinge features concealed plug connectors that eliminate the need for separate or exposed wiring. Standard connectors make installation quick and simple. Brass eyelets add protection and durability.

- The QC option is available on standard and heavy weight full mortise bearing hinges as well as swing clear and wide throw hinges
- Electric hinges allow a constant flow of current from the power source through the hinge to electrified door hardware. No external wires can be seen, eliminating tampering and improving the aesthetics of the door opening
- Materials: brass, stainless steel, and steel
- For 4 amp continuous @ 24 volts AC or DC per circuit, 28 gauge multi-strand wires are used.
- An 8 position connector is used for QC4 and QC8 wire hinges. An 8 position and a 4 position connector is used for QC12 wire hinges.
- Hand of hinge must be specified on two knuckle hinges
- Can be used in conjunction with MM option on most full mortise hinges. QC12 x MM not recommended for wood or solid core doors
- Full Mortise QC hinges are available in most BHMA and McKinney powder coat finishes
- Wires are coordinated to work with other ASSA ABLOY Group brands electro-mechanical hardware

*Electric hinges should be installed in the center position on the door. Installation instructions are packed with each hinge.

*Hinges are factory tested and specially packaged to minimize against damage during shipment.



3-Knuckle	5-Knuckle
TA314	TA2314
TA714	TA2714
TA386	T4A3386
TA786	T4A3786
	TA2895
	T4A3395
	T4A3795



Most hinges including this Swing Clear Hinge can be electrically modified. Call 1-800-346-7707 for more information.

Options:

Code	Description
QC4	2 circuits
QC8	4 circuits
QC12	6 circuits

Steel & Stainless - Approved for NFPA 80 fire rated openings

800-346-7707 | www.mckinneyhinge.com
Check the web site for the up-to-date catalog

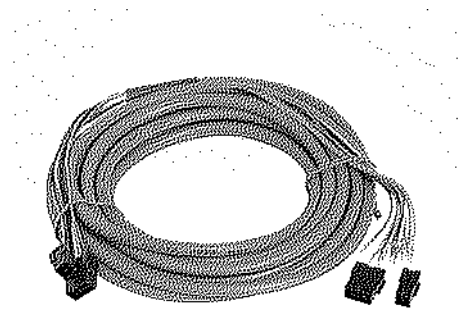
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and more

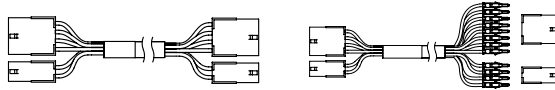
ElectroLynx® Retrofit Cables

If you are not ordering ASSA ABLOY Door Group doors with the ElectroLynx® cable pre-installed in the door, you must order an ElectroLynx® retrofit cable to go between ANY hardware and the hinge. This includes 3" cables to go from the hinge to an exit device and up to a 15' cable to go up and around a full lite metal door.



QC-C1500P Shown

Standard ElectroLynx® Retrofit Cable Sizes



Actual Cable Length	12 Conductor and Molex both ends	12 Conductor and Molex one end, pinned one end	Typical Application
3"	QC-C003	QC-C003P	
6"	QC-C006	QC-C006P	Between hinge and the end of an exit device.
12"	QC-C012	QC-C012P	
26"	QC-C200	QC-C200P	
32"	QC-C206	QC-C206P	Between hinge and through the door to the lockset or exit device trim.
38"	QC-C300	QC-C300P	
44"	QC-C306	QC-C306P	
50"	QC-C400	QC-C400P	
15' 2"	QC-C1500	QC-C1500P	From the hinge location, up the jamb to above the ceiling, or up and around full lite or half lite metal door.
25'	-	QC-C2500P	
30'	-	QC-C3000P	

Custom lengths available.



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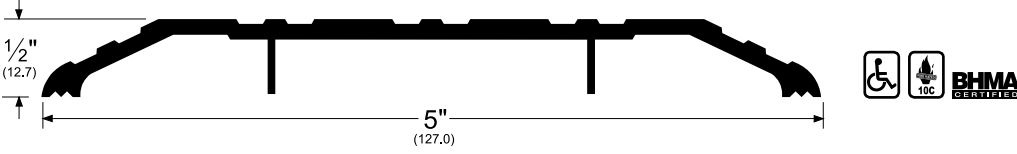
800-346-7707 | www.mckinneyhinge.com
Check the web site for the up-to-date catalog

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SADDLE THRESHOLDS (Cont.)

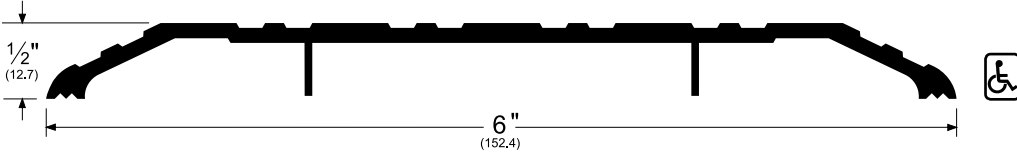
171_

AVAILABLE FINISHES: **10BE, A, B, BDG, BSP, D, G, WSP**
 ANSI (aluminum): **J32100, J32130**
 ANSI (brass): **J12100, J12130**



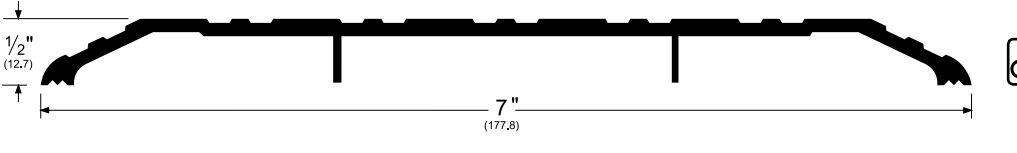
172_

AVAILABLE FINISHES: **10BE, A, B, BSP, D, G, WSP**
 ANSI (aluminum): **J32100, J32130**
 ANSI (brass): **J12100, J12130**



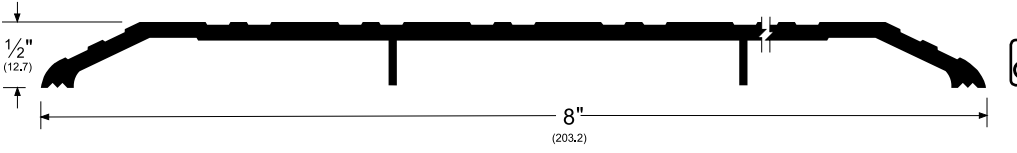
176_

AVAILABLE FINISHES: **10BE, A, B, BSP, D, G, WSP**
 ANSI (aluminum): **J32100, J32130, J39100, J39130, J39135, J39150**
 ANSI (brass): **J12100, J12130, J19100, J19130, J19135, J19150**



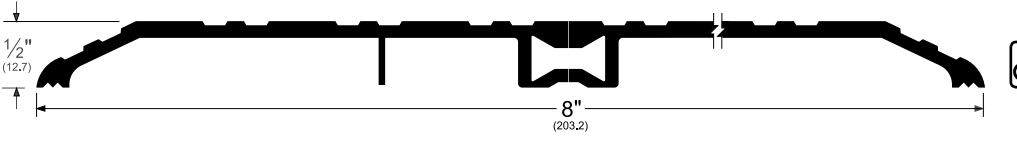
2548_

AVAILABLE FINISHES: **10BE, A, BSP, D, WSP**
 ANSI (aluminum): **J32100, J32130, J39100, J39130, J39135, J39150**



254x4_

AVAILABLE FINISH: **B**
 ANSI (brass): **J12100, J12130, J19100, J19130, J19135, J19150**



Welded on bottom. Includes two support legs (only one shown due to break in drawing)

NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
10BE (Satin Bronze Powder Coated Aluminum) **A** (Mill Finish Aluminum) **B** (Mill Finish Extruded Bronze [Brass])
BDG (Bright Dip Gold Anodized) **BSP** (Black Suede Powder Coated Aluminum) **D** (Dark Bronze Anodized)
G (Gold Anodized) **SN** (Satin Nickel Anodized) **WSP** (White Suede Powder Coated Aluminum)

NOTE: **G, SN** are available with limited inventory



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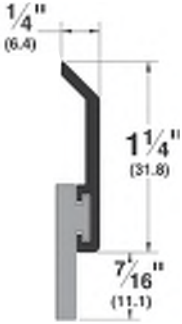
800-824-3018 | www.pemko.com
 Check the web site for the up-to-date catalog

DOOR BOTTOM SWEEPS

315_N

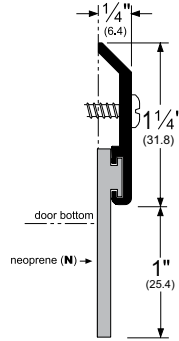
AVAILABLE FINISHES: **B, BSP, C, D, G, PW, SN**
 REPLACEMENT INSERT: **E315 (BL)**
 ANSI: **R3B434, R3B435**

- Currently being redesigned as a running change. Anodized finishes may be supplied in old style for a short time. Contact Customer Service with questions.



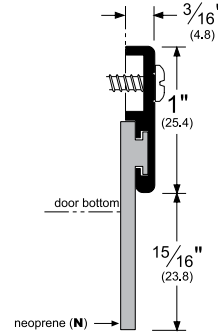
3151_N

AVAILABLE FINISHES: **BSP, C, D, G**
 REPLACEMENT INSERT: **E321 (BL)**
 ANSI: **R3B434**



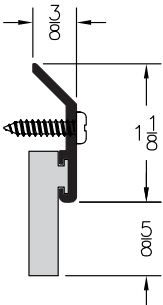
321_N

AVAILABLE FINISHES: **BSP, C, D, G**
 REPLACEMENT INSERT: **E321 (BL)**
 ANSI: **R3B434, R3B435**



368_N

AVAILABLE FINISHES: **BSP, C, D**
 REPLACEMENT INSERT: **E368 (BL)**
 ANSI: **R3B434, R3B435**



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
B (Mill Finish Extruded Bronze [Brass]) **BDG** (Bright Dip Gold Anodized) **BSP** (Black Suede Powder Coated Aluminum)
C (Clear Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized) **PW** (Painted White) **SN** (Satin Nickel Anodized)

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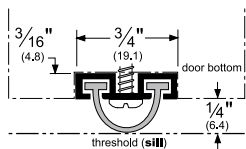
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SPECIALTY DOOR BOTTOMS

- May be used in many different applications. Some of these shapes may be used as meeting stile gasketing; see page 174 for examples
- Supplied Net Length (as ordered)

313_N

AVAILABLE FINISHES: **A, D, G**
 REPLACEMENT INSERT:
E1 (BL, GR)
 ANSI: **R3G416**

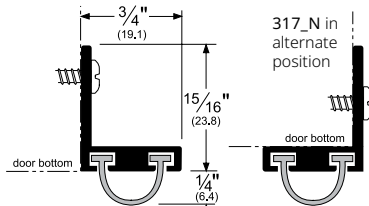


EPDM (N)



317_N

AVAILABLE FINISHES: **A, BSP, D, G**
 REPLACEMENT INSERT: **E1 (BL, GR)**
 ANSI: **R3G416**

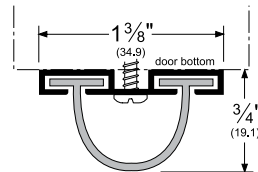


EPDM (N)



314_N

AVAILABLE FINISHES: **C, D, G**
 REPLACEMENT INSERT: **E3 (BL, GR)**
 ANSI: **R3G416**



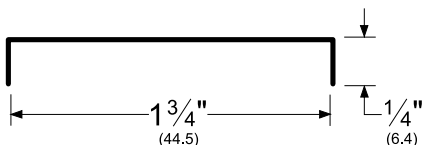
EPDM (N)



DOOR TOP WEATHERSTRIP

_344

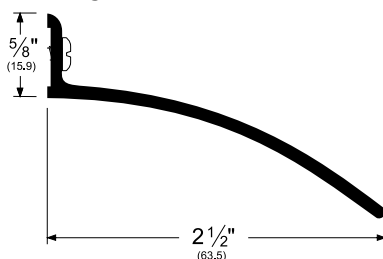
AVAILABLE FINISHES: **PA**
 AVAILABLE LENGTHS: **36", 48"**



346_

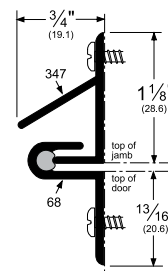
AVAILABLE FINISHES: **10BE, BSP, C, D, G, PW, WSP**

- Overhead rain drip with slotted holes
- Should be ordered a minimum of 4" longer than the door width



347_68_R

AVAILABLE FINISHES: **A, D, G**



HEAVY DUTY DOOR BUMPER

- Heavy duty door bumper extruded from black EPDM (E)
- Order 196_ separately; furnished undrilled unless requested otherwise

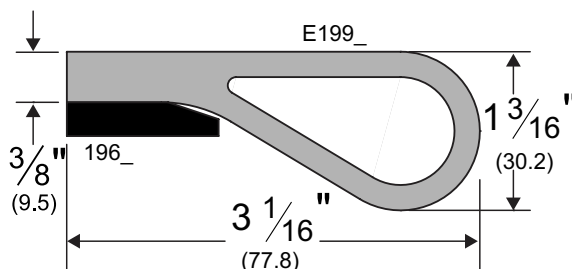
E199_

AVAILABLE COLOR: **BL**



196_

AVAILABLE COLOR: **A**



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
10BE (Satin Bronze Powder Coated Aluminum) **A** (Mill Finish Aluminum) **BSP** (Black Suede Powder Coated Aluminum)
C (Clear Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized) **PA** (Painted Aluminum) **PW** (Painted White)
WSP (White Suede Powder Coated Aluminum)

Non-Metal Finish: **BL** (Black)

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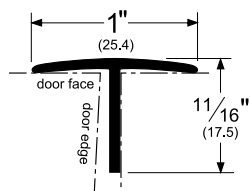
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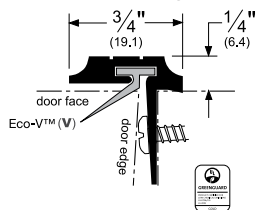
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"T" AND OVERLAPPING ASTRAGALS

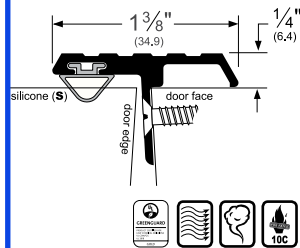
359_
 AVAILABLE FINISHES: **10BE, A, BDG, BSP, D, WSP**
 • Supplied with weatherstrip nails for installation



356_V
 AVAILABLE FINISHES: **10BE, A, BDG, BSP, D, PW, SN, WSP**
 REPLACEMENT INSERT: **EV17 (BL, GR, W)**
 • Countersink drilling with countersunk flathead screws also available upon request at no extra charge



355_S
 AVAILABLE FINISHES: **10BE, B, BDG, BSP, C, D, G, PW, SN, WSP**
 REPLACEMENT INSERT: **S4 (BL, GR)**

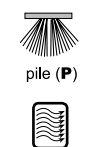


Alternate Inserts For 355

355_V
 AVAILABLE FINISHES: **10BE, B, BDG, BSP, C, D, G, PW, SN, WSP**
 REPLACEMENT INSERT: **EV7 (BL, GR, W)**



355_P
 AVAILABLE FINISHES: **10BE, B, BDG, BSP, C, D, G, PW, SN, WSP**
 REPLACEMENT INSERT: **P2 (BL, GR)**

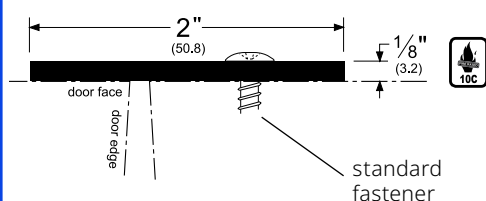


355_PK
 AVAILABLE FINISHES: **B, BDG, BSP, C, D, G, PW, SN**
 REPLACEMENT INSERT: **PK7 (BL, GR, W)**



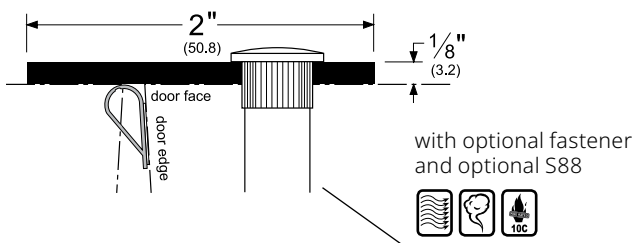
357_
357_ND
 AVAILABLE FINISHES: **10BE, BSP, C, D, SP, SPBSP, SPWSP, SS**
 (#4 Finish & #4 Edge)

11 GAUGE
 • "ND" denotes "no drill" (unless specified "ND", astragals are drilled)
 • Standard fastener is #10 x 1" Truss Head SMS
 • Lead-line option available

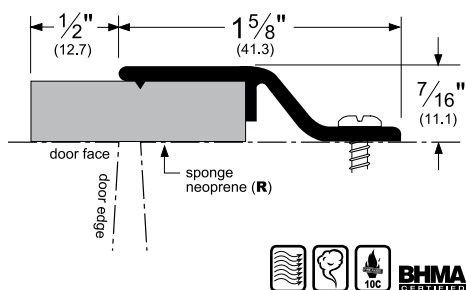


357_ with S88
 AVAILABLE FINISHES: **SP, SS** (#4 Finish & #4 Edge)

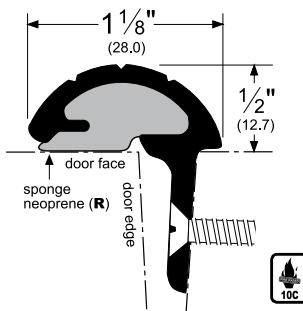
11 GAUGE
 • Standard fastener is #10 x 1" Truss Head SMS
 • 1/4" - 20 machine screws and thru-bolts must be ordered separately at additional cost
 • S88 seal must be ordered separately at an additional cost, if required



375_R
 AVAILABLE FINISHES: **10BE, BSP, C, D, WSP**
 REPLACEMENT INSERT: **ER6 (BL)**
 ANSI: **R3C634, R3C635**



352_R
 AVAILABLE FINISHES: **C, D**
 REPLACEMENT INSERT: **R8 (BL)**
 For reverse bevel doors



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
10BE (Satin Bronze Powder Coated Aluminum) **A** (Mill Finish Aluminum) **B** (Mill Finish Extruded Bronze [Brass])
BDG (Bright Dip Gold Anodized) **C** (Clear Anodized) **BSP** (Black Suede Powder Coated Aluminum) **D** (Dark Bronze Anodized)
G (Gold Anodized) **PW** (Painted White) **SN** (Satin Nickel Anodized) **SP** (Galvannealed Steel)
SPBSP (Black Suede Powder Coated Steel) **SPWSP** (White Suede Powder Coated Steel) **SS** (See Individual Part)
WSP (White Suede Powder Coated Aluminum) Special finishes available upon request

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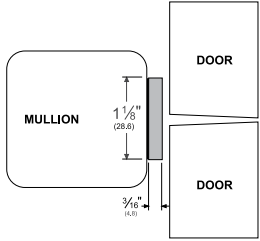
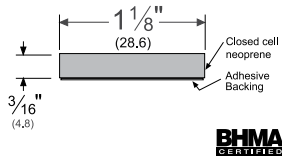
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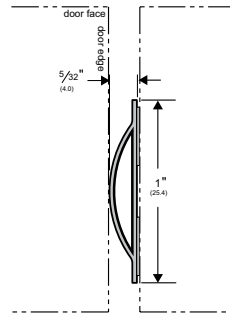
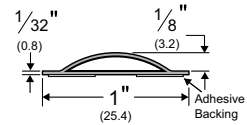
ADHESIVE-BACKED MULLION GASKETING

5110_
 AVAILABLE FINISH: **BL**
 AVAILABLE LENGTHS: **120"**
 ANSI: **R0C004**



ADHESIVE ASTRAGAL SEAL

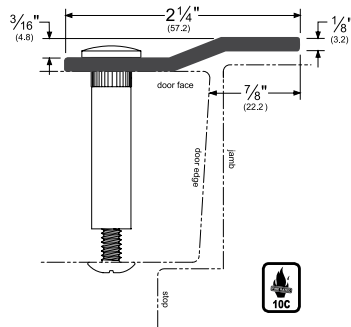
S1125_
 AVAILABLE FINISH: **D**
 AVAILABLE LENGTHS: **7, 8, 10**



OFFSET SECURITY BAR

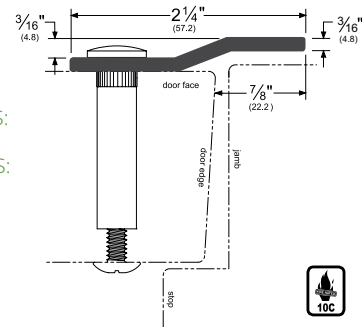
- For use on single outswing wood or metal doors
- Covers gap between the door and jamb for the full door height, preventing prying and manipulation

3572_
 3572_ND
 AVAILABLE FINISHES:
SP, SPBSP, SPWSP,
SS (#4 Finish & #4 Edge)
 AVAILABLE LENGTHS:
80", 84" and 96"
10 GAUGE



- 3572_ supplied drilled 12" on center with 1/4" holes; "ND" denotes "no drill"

3572PP7
 3572PP7ND
 AVAILABLE FINISHES:
PP
 AVAILABLE LENGTHS:
84"
7 GAUGE

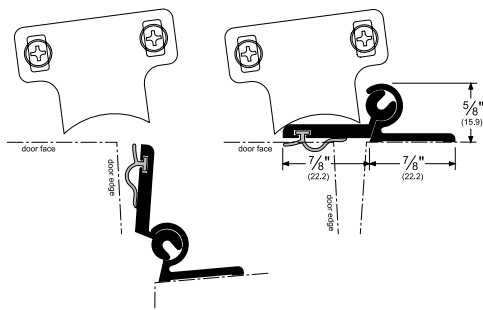


SECURITY ASTRAGAL

- Automatic security astragal for outswing pairs of wood and metal doors
- Discourages manipulation of panic-type hardware
- Astragal is held flush against other door by 1/2" thick cam mounted to header (cam and mounting screws included); for replacement cam order K378 kit
- Anodized aluminum with Eco-V™ seal and stainless steel operating spring

- Either door may be active without requiring a coordinator
- Parts can be trimmed 12" maximum from each end
- Should be mounted prior to attaching panic hardware to eliminate the problem of interference
- Must be installed on the inside and top of a pair of outswing doors
- Longest length available is 96"

378_
 AVAILABLE FINISHES:
C, D, G
 REPLACEMENT INSERT:
EV23 (BL)
 AVAILABLE LENGTHS:
86", 96"



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AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
BL (Black) **C** (Clear Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized) **PP** (Prime Painted)
SP (Galvanized Steel) **SS** (See Individual Part) **SPBSP** (Black Suede Powder Coated Steel)
SPWSP (White Suede Powder Coated Steel) Special finishes available upon request

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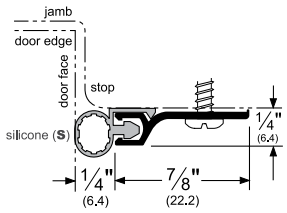
STANDARD PERIMETER GASKETING

• Rigid jamb weatherstrip shown mounted on openings with $\frac{1}{16}$ " gaps; however, each weatherstrip can seal gaps up to the depth of its seal. Seal depth provided on each illustration (example: the 303 has a $\frac{1}{4}$ " seal; therefore, it can seal up to a $\frac{1}{4}$ " gap)

• Punched on 6" centers with slotted holes for adjustment. Models 294, 303, and 306 are available with self-adhesive two-sided tape (TST) and tek screws (3 slotted holes per part) for easy installation. To obtain this option, add "TST" to the end of the part when ordering (example: 303AVTST)

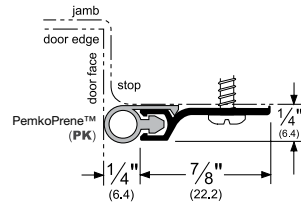
303_S

AVAILABLE FINISHES:
10BE, A, BSP, C, D, G, PW, SN, WSP
 REPLACEMENT INSERT: **S3 (BL, W)**
 ANSI: **R3E164, R3E165**



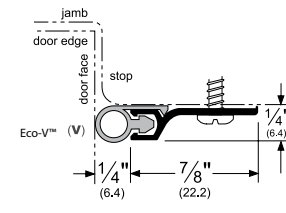
303_PK

AVAILABLE FINISHES:
10BE, A, BSP, C, D, G, PW, SN, WSP
 REPLACEMENT INSERT: **PK47 (BL, GR)**
 ANSI: **R3G164**



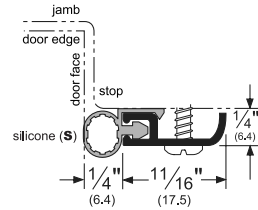
303_V

AVAILABLE FINISHES:
10BE, A, BSP, C, D, G, PW, SN, WSP
 REPLACEMENT INSERT: **EV47 (BL, GR, W)**



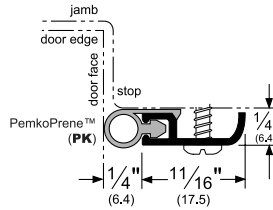
316_S

AVAILABLE FINISHES:
10BE, A, BDG, BSP, D, G, WSP
 REPLACEMENT INSERT: **S3 (BL, W)**
 ANSI: **R3E164, R3E165**



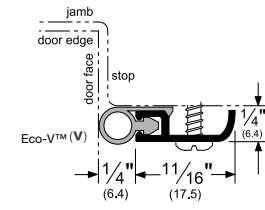
316_PK

AVAILABLE FINISHES:
10BE, A, BDG, BSP, D, G, WSP
 REPLACEMENT INSERT: **PK47 (BL, GR)**
 ANSI: **R3G164, R3G165**



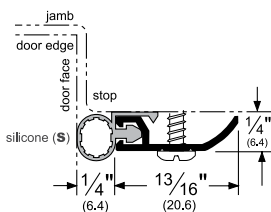
316_V

AVAILABLE FINISHES:
10BE, A, BDG, BSP, D, G, WSP
 REPLACEMENT INSERT: **EV47 (BL, GR, W)**



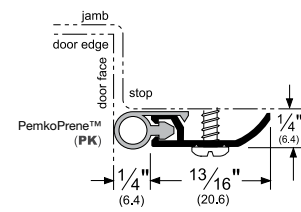
297_S

AVAILABLE FINISHES:
10BE, A, BDG, BSP, D, G, PW, SN, WSP
 REPLACEMENT INSERT: **S3 (BL, W)**
 ANSI: **R3E164, R3E165**



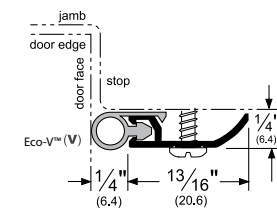
297_PK

AVAILABLE FINISHES:
10BE, A, BDG, BSP, D, G, PW, SN, WSP
 REPLACEMENT INSERT: **PK47 (BL, GR)**
 ANSI: **R3G164, R3G165**



297_V

AVAILABLE FINISHES:
10BE, A, BDG, BSP, D, G, PW, SN, WSP
 REPLACEMENT INSERT: **EV47 (BL, GR, W)**



NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

10BE (Satin Bronze Powder Coated Aluminum) **A** (Mill Finish Aluminum) **BDG** (Bright Dip Gold Anodized)

BSP (Black Suede Powder Coated Aluminum) **C** (Clear Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized)

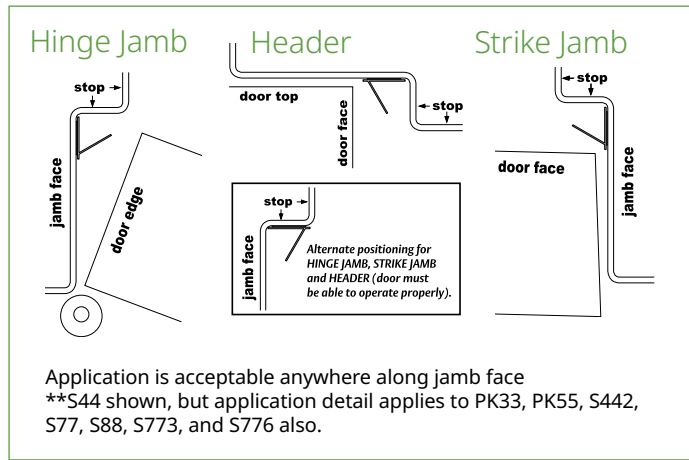
PW (Painted White) **SN** (Satin Nickel Anodized) **WSP** (White Suede Powder Coated Aluminum)



Experience a safer and more open world

SILCONSEAL ADHESIVE-BACKED FIRE/SMOKE GASKETING

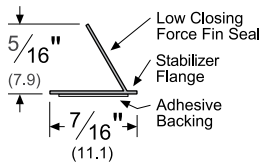
- SiliconSeal is extruded from high-temperature silicone; effective between -58°F and 450°F
- Self-extinguishing and non-toxic; unaffected by sunlight, ozone, and ultraviolet rays
- Impervious to fungus and mildew; will not deteriorate under normal exposure
- Meets FAR 25.853 Airworthiness Standards for Compartment Interiors



S44_

AVAILABLE FINISHES: **BL, C, D, GR, W**
 AVAILABLE LENGTHS: **17', 18', 20', 21', 25', 30', 204', 510'**
 ANSI: **ROE154, ROE155**

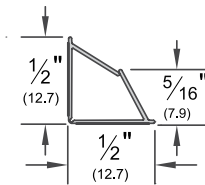
- Designed for tighter frames
- Demonstrates extremely low closing force
- Seal begins compressing at $5/16"$; compresses to seal up to a $1/16"$ gap



S442_

AVAILABLE FINISHES: **BL, D, W**
 AVAILABLE LENGTHS: **17', 18', 20', 21', 25', 30', 510'**
 ANSI: **ROE154, ROE155**

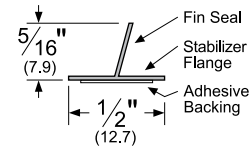
- Fits flush into corner
- Seal begins compressing at $5/16"$; compresses to seal up to a $1/16"$ gap in either direction



S77_

AVAILABLE FINISHES: **BL, C, D, W**
 AVAILABLE LENGTHS: **17', 18', 20', 21', 25', 30', 204', 500'**
 ANSI: **ROE154, ROE155**

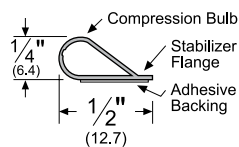
- Designed for hollow metal and wood meeting stile applications
- Seal begins compressing at $5/16"$; compresses to seal up to a $1/16"$ gap



S88_

AVAILABLE FINISHES: **BL, C, D, GR, TAN, W**
 AVAILABLE LENGTHS: **17', 18', 20', 21', 25', 30', 204', 510'**
 ANSI: **ROE154, ROE155**

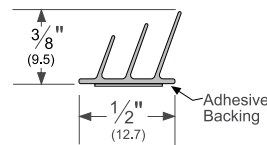
- Seal begins compressing at $1/4"$; compresses to seal up to a $1/16"$ gap



S773_

AVAILABLE FINISHES: **BL, D, GR, W**
 AVAILABLE LENGTHS: **17', 18', 20', 21', 25', 30', 250', 500'**
 ANSI: **ROE154, ROE155**

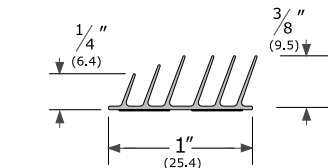
- Triple-fin design effectively blocks light and sound from infiltrating a room
- Seal begins compressing at $3/8"$; compresses to seal up to a $1/16"$ gap



S776_

AVAILABLE FINISHES: **BL**
 AVAILABLE LENGTHS: **17', 18', 20', 21', 25', 30'**
 ANSI: **ROE154, ROE155**

- Designed for hollow metal and wood meeting stile applications
- Seal begins compressing at $3/8"$; compresses to seal up to a $1/16"$ gap



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AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
BL (Black) **C** (Clear) **D** (Dark Brown) **GR** (Light Gray) **TAN** (Tan) **W** (White)

800-824-3018 | www.pemko.com
 Check the web site for the up-to-date catalog

Application

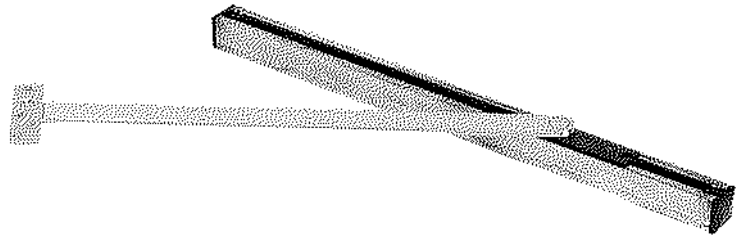
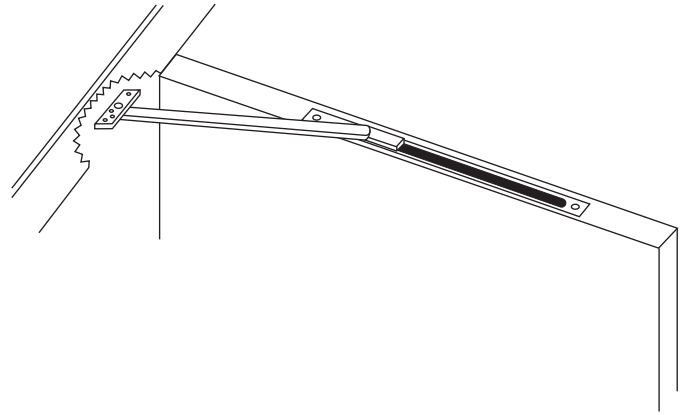
- Interior or exterior doors
- Single or double acting
- Non-handed
- Recommended for high traffic, heavy abuse situations

Features

- Heavy-duty, adjustable
- Slide track design
- Order specifically as a stop or hold open
- 1-3/4" minimum door thickness, for thicker doors consult factory
- 110° maximum opening (except 1ADJ for center hung 30-36" door which is 105°)
- Degree of opening is fully adjustable and can be adapted to changing needs
- Heavy shock absorber spring provides 5-7° compression before dead stop
- 1-3/16" square channel
- Complete screw packet kit for installation in wood or metal door and frame
- For security areas, Torx® screws available for exposed fasteners
- Durable slider cam and shock block
- Hanging means other than standard butts or offset pivots require special templating and pricing. Consult factory.
- Standard architectural finishes

Compliance

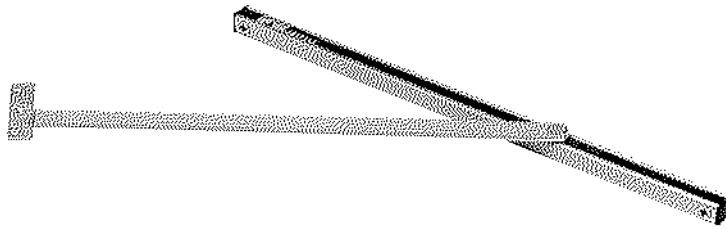
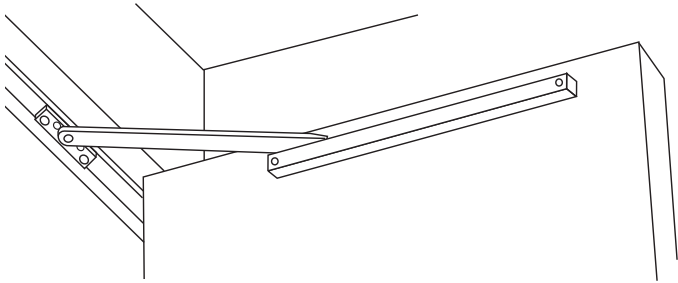
- Stop function UL listed for fire door assemblies



DOOR OPENING CHART (IN INCHES)

Butts Offset Pivots	Center Hung Pivots	Model Number	
		H.O.	Stop
*24 - 28	—	1ADJ-126	1ADJ-136
28-1/16 - 33	30 - 36	1ADJ-226	1ADJ-236
33-1/16 - 38	36-1/16 - 41	1ADJ-326	1ADJ-336
38-1/16 - 43	41-1/16 - 46	1ADJ-426	1ADJ-436
43-1/16 - 48	46-1/16 - 50	1ADJ-526	1ADJ-536

*Butt hung only on this size door. No swing clear hinges.



Application

- Interior doors
- Doors are single acting
- Non-handed
- Recommended for moderate, medium weight doors

Features

- Standard duty, adjustable
- Slide track design
- Degree of opening fully adjustable and can be adapted to changing needs
- Heavy shock absorber spring provides compression before deadstop
- Can be ordered specifically as a stop, friction stay, or hold open.
- Multi-function unit is shipped as a stop. Can be converted to a hold open or friction in field. 5012- PKG (Adapter kit) included
- Complete screw packet with thru-bolts for door, wood and machine screws for frame
- Torx® screws optional for security applications, but heavy-duty units should be considered for high-security applications
- Standard architectural finishes
- Durable slider cam and shock block
- 110° maximum opening
- 3/4" square channel
- For pull side mounting or flush and rabbeted mounting on push side use angle jamb bracket adapter 5258
- Hanging means other than standard butts or offset pivots require special templating and pricing. Consult factory.

Compliance

- Stop function UL listed for fire door assemblies

DOOR OPENING CHART (IN INCHES)

Butts Offset Pivots	Center Hung Pivots	Model Number			
		Friction	H.O.	Stop	Multi
*18 - 24	21 - 26-1/2	10-116	10-126	10-136	10-146
24-1/16 - 30	26-9/16 - 32	10-216	10-226	10-236	10-246
30-1/16 - 36	32-1/16 - 38	10-316	10-326	10-336	10-346
36-1/16 - 42	38-1/16 - 45	10-416	10-426	10-436	10-446
42-1/16 - 48	45-1/16 - 48	10-516	10-526	10-536	10-546

*Butt hung only on this size door. No swing clear hinges.



Model 997M

WALL MOUNTED

Application

- Wall mount
- Concealed wiring
- Shipping weight: 2 lbs. (0.9 kg)

Features

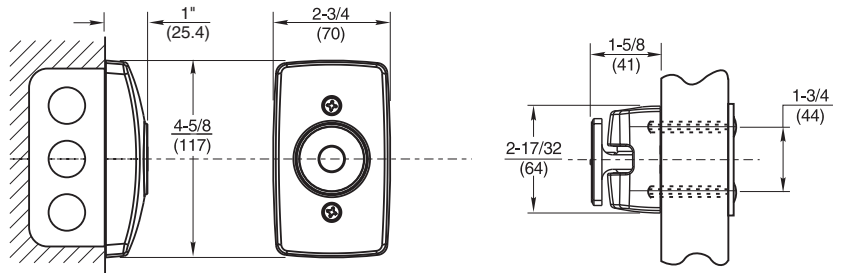
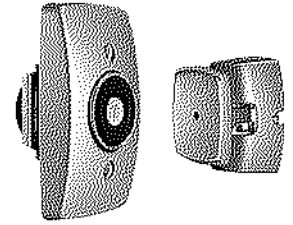
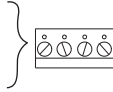
- Total projection: 2-5/8" (67mm)
- Mounting requirements: 2" x 4" x 1-3/4" (51 x 102 x 45mm) outlet box
- Wall must be properly reinforced and outlet box adequately fastened
- 2 year limited warranty

Compliance

- ANSI/C00011

Electrical Data

- Voltage and current:
 - 120VAC, 60Hz., .020 amp
 - 24VAC/DC, 60Hz., .020 amp
 - 12VDC, .040 amp
- For 50-55 lbs. of holding force, specify voltage
 - 120VAC, 60Hz .017 amp
 - 24VAC, 60Hz .080 amp
 - 24VDC, .068amp
 - 12VDC, .180amp
 - 240VAC, 50/60Hz. .009 amp



Model 998M

Application

- Wall mount
- Concealed wiring
- Shipping weight: 2-1/2 lbs. (1.1 kg)

Features

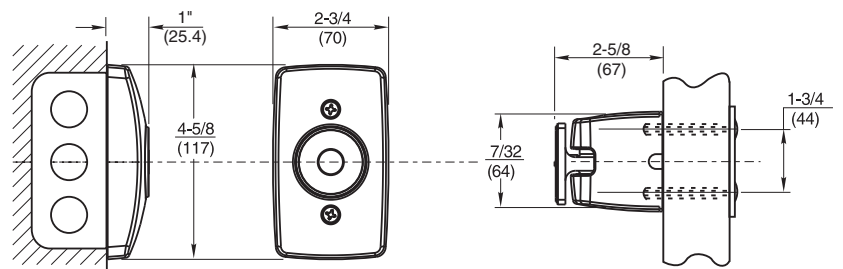
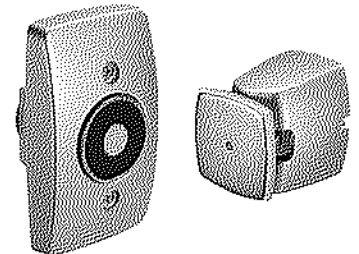
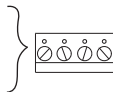
- Total projection: 3-5/8" (92mm)
- Mounting requirements: 2" x 4" x 1-3/4" (51 x 102 x 45mm) outlet box
- Wall must be properly reinforced and outlet box adequately fastened
- 2 year limited warranty

Compliance

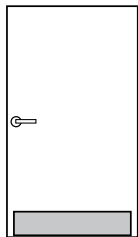
- ANSI/C00011

Electrical Data

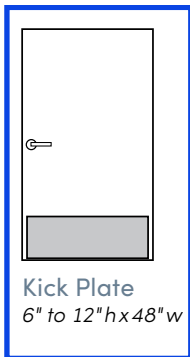
- Voltage and current:
 - 120VAC, 60Hz., .020 amp
 - 24VAC/DC, 60Hz., .020 amp
 - 12VDC, .040 amp
- For 50-55 lbs. of holding force, specify voltage
 - 120VAC, 60Hz .017 amp
 - 24VAC, 60Hz .080 amp
 - 24VDC, .068amp
 - 12VDC, .180amp
 - 240VAC, 50/60Hz. .009 amp



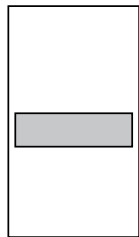
ASSA ABLOY, the global leader in door opening solutions



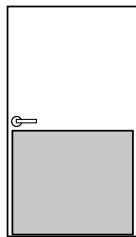
Mop Plate
Up to 6" h x 48" w



Kick Plate
6" to 12" h x 48" w



Stretcher Plate
6" to 12" h and up to 48" w



Armor Plate
Up to 48" h x 48" w and available in most finishes



Width of Plates:

Push Side: 2" less than door width.

Pull Side: 1½" less than door width.

NFPA 80 STANDARDS – 2-4.5 Protection Plates: Factory-installed protection plates shall be installed in accordance with the listing of the door. Field-installed protection plates shall be labeled and installed in accordance with their listing.

Exception: Labeling is not required where the top of the protection plate is not more than 16" (406 mm) above the bottom of the door.

OPTIONAL Self-Drilling TEK Screws: Cuts door plate installation time in half.

Metal Door Plate – Economy Duty No. K1038

Material: .038" stainless steel

Finishes: US32D

Fastener: #6 x 5/8" OH SMS

Ordering: Specify height x width x finish code. Add any options

Weight: 8" x 34" = 3.2 lbs

Features: • All edges come beveled

Options: • SA – self-adhesive mounting • Cutouts for locks, louvers, or windows (see worksheets on pages C14-C15 for details on how to order)
• TORX – security Torx screws
• TEK – self-drilling screws

Metal Door Plate – Standard Duty No. K1050

Material: .050" Stainless Steel

Finishes: US32D

Fastener: #6 x 5/8" OH SMS

Features: • All edges come beveled

Options: • One day shipping available • Door markings are not available on quick ship

Metal Door Plate – Standard Duty No. K1050, K1050F

Material: .050" aluminum, brass, bronze, stainless steel

Finishes: 10BE, US32D, US32DMS

Fastener: #6 x 5/8" OH SMS

Ordering: Specify height x width x finish code. Add any options

Weight: 8" x 34" = 4.0 lbs

ANSI: J101 – metal armor plate, J102 – metal kick plate, J103 – metal stretcher & mop plate

Features: • All edges come beveled

Options: • SA – self-adhesive mounting • Heavy bevel available, specify HVBEV
• TEK – self-drilling screws • Screw mounting (K1050F) and UL listed for use on 90-minute label wood doors and 3-hour label metal doors
• Cutouts for locks, louvers, or windows (see worksheets on pages C14-C15 for details on how to order)
• CSK – countersunk holes
• TORX – security Torx screws

Windstorm Plate – K1050WS

Material: .050" Aluminium, Brass, Bronze, Stainless Steel

Finishes: Standard Architectural Finishes

Fastener: #10 x 5/8" Pan Head Tek Screws

Ordering: Part # when ordering is K1050WS
All plates are UL and Windstorm rated

Features: • All edges come beveled

Options: • Cutouts for locks, louvers or windows • Heavy Bevel
• Rounded Corners • Screw Mount only



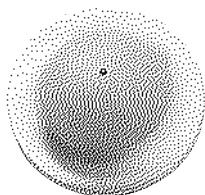
Certified to the below standards:

– ICC-500 (2014)

– FEMA Guideline 320 (2014)

– FEMA Guideline 361 (2015)

Part of windstorm assembly cards: ZHLA.45, ZHLA.46, ZHLA.47, ZHLA.51, ZHLA.53, ZHLA.54



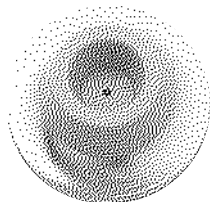
Solid Cast Wall Stops No. 400, 401, 402

Material: Cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features: Concealed mounting, convex bumper.

No.	Bumper	Fastener	Size	Projection	Weight	ANSI A156.16
400	Convex	#6 x 1/2" FH SMS, plastic toggle	2 7/16" dia.	1"	2 lbs./10	L02101
401	Convex	#8 x 1" RH WS, plastic anchor	2 7/16" dia.	1"	2 lbs./10	L02101
402	Convex	#8 - 32 x 1" TH MS, anchor	2 7/16" dia.	1"	2 lbs./10	L02101



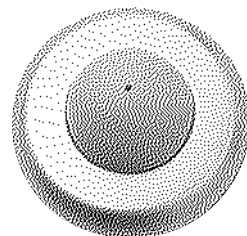
Solid Cast Wall Stops No. 403, 404, 405

Material: Cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features: Concealed mounting, concave bumper.

No.	Bumper	Fastener	Size	Projection	Weight	ANSI A156.16
403	Concave	#6 - 1/2" FH SMS, plastic toggle	2 7/16" dia.	1"	2 lbs./10	L02251
404	Concave	#8 x 1" RH WS, plastic anchor	2 7/16" dia.	1"	2 lbs./10	L02251
405	Concave	#8 - 32 x 1" TH MS, anchor	2 7/16" dia.	1"	2 lbs./10	L02251



Wrought Wall Stops No. 406

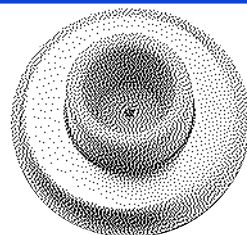
Material: Wrought brass, bronze, and stainless steel with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features:

- Concealed mounting, convex bumper. Back plate prevents damage to wall
- Accepted by the New York State Office of Mental Health (OMH) for use in high risk areas

No.	Bumper	Fastener	Size	Projection	Weight	ANSI A156.16
406	Convex	#8 x 1 1/4" TH SMS, plastic toggle	2 1/2" dia.	1"	1 1/4 lbs./10	L02101



Wrought Wall Stops No. 409

Material: Wrought brass, bronze, and stainless steel with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features:

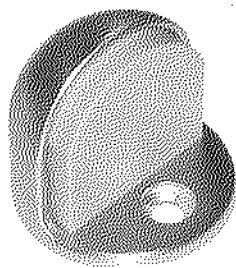
- Concealed mounting, concave bumper. Back plate prevents damage to wall
- Accepted by the New York State Office of Mental Health (OMH) for use in high risk area

Options: Rubber bumper available in standard gray or optional black

No.	Bumper	Fastener	Size	Projection	Weight	ANSI A156.16
409	Concave	#8 x 1 1/4" TH SMS, plastic toggle	2 1/2" dia.	1"	1 1/4 lbs./10	L02251

ROCKWOOD®

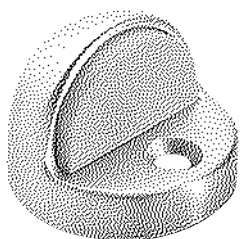
ASSA ABLOY



Cast Universal Dome Stop No. 441H

- Material:** Solid cast brass with rubber bumper
- Finishes:** Available in standard architectural finishes (see page 9)
- Features:** Low lip dome stop with height of high dome stop, eliminates the need to determine requirement for traditional low or high dome stop – one stop for all applications. Integral cast pin for added strength. Universal screw pack included for all floor conditions
- Options:** Exterior pack screw packs, stainless steel plated to match – use EXP suffix (441H x EXP) when ordering.

No.	Fastener	Base	Height	Weight	ANSI A156.16
441H	#12x1 ¹ / ₄ " FH WS, plastic anchor	⁷ / ₃₂ " h x 1 ⁷ / ₈ " dia.	1 ¹¹ / ₁₆ "	3.2 lbs./10	L02141
	#12 - 24x1" FH MS, anchor				L02161



High Dome Stops No. 442, 443

- Material:** Solid cast brass with rubber bumper
- Finishes:** Available in standard architectural finishes (see page 9)
- Other:** No. 443 is packed with both WS and MS fasteners
- Features:** For doors with thresholds or undercut doors
- Options:** Exterior pack screw packs, stainless steel plated to match – use EXP suffix (442 x EXP) when ordering.

No.	Fastener	Base	Height	Weight	ANSI A156.16
442	#12x1 ¹ / ₂ " FH WS, plastic anchor	¹ / ₂ " h x 1 ⁷ / ₈ " dia.	1 ¹ / ₂ "	2.8 lbs./10	L02161
443	#12x1 ¹ / ₂ " FH WS, plastic anchor; #12 - 24 x 1" FH MS, anchor	¹ / ₂ " h x 1 ⁷ / ₈ " dia.	1 ⁵ / ₁₆ "	3.2 lbs./10	L02161



No. 445



No. 445H

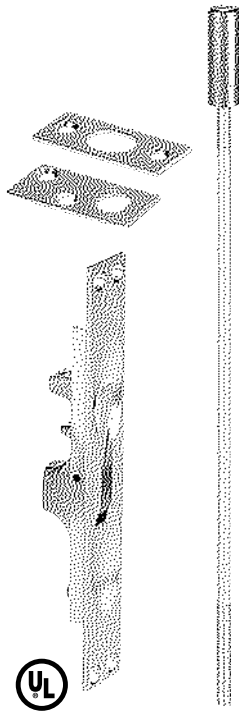
Heavy Duty Door Stop No. 445, 445H

- Material:** Solid cast brass with rubber bumper
- Finishes:** Available in standard architectural finishes (see page 9)
- Features:** Extra heavy duty dome type stop for heavy and high frequency doors
- Options:** Exterior pack screw packs, stainless steel plated to match – use EXP suffix (445 x EXP) when ordering.

No.	Fastener	Base	Height	Weight
445	2 ea. #12x1 ¹ / ₂ " FH SMS, plastic anchor; #12 - 24x1" FH MS, anchor	2" x 4"	1 ¹ / ₈ "	4.6 lbs./10
445H	2 ea. #12x1 ¹ / ₂ " FH SMS, plastic anchor; #12 - 24x1" FH MS, anchor	2" x 4"	1 ¹¹ / ₁₆ "	6 lbs./10

ROCKWOOD®

ASSA ABLOY



Lever Extension Flush Bolt No. 555

Material: Brass

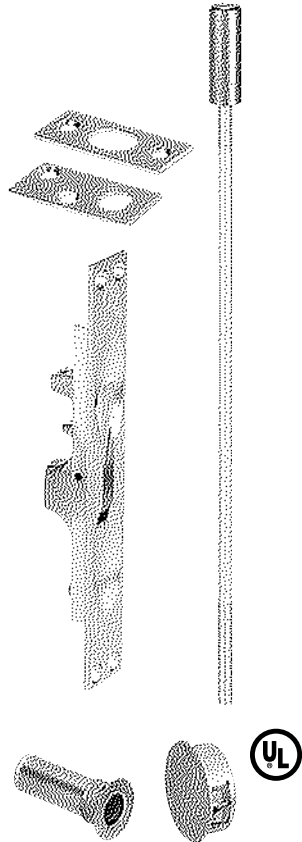
Finishes: Available in standard architectural finishes (see page 9)

Fastener: 8 ea. #8x³/₄" FH combo screws

- Features:**
- For Fire Rated Hollow Metal Swinging Doors measuring up to 4'w x 10'h rated up to and including 3 Hours
 - Fits ANSI A115 door and frame preparation
 - ³/₄" bolt throw, ³/₄" rod backset
 - 12" rod length (center of face to bolt end - retracted)
 - 1¹/₂" adjustable bolt head

- Options:**
- Other size rods available are 18", 24", 36", 48"
 - Extra long bolt head - 2¹/₂" (or to your specification)
 - Use No. 570 Dust Proof Strike (shown on page E4) to prevent dirt blocking bottom strike

No.	Size	Weight	ANSI A156.16
555	Face plate: 1" x 6 ³ / ₄ " Strike: ¹⁵ / ₁₆ " x 2 ¹ / ₄ " Guide: 1" x 2"	1.5 lbs./2	L04251



Lever Extension Flush Bolt with Bottom Fire Bolt No. 555x18BFB

Material: Flush bolt - brass
Bottom fire bolt - stainless steel

Finishes: Available in standard architectural finishes (see page 9)

Fastener: 8 ea. #8x³/₄" FH combo screws

- Features:**
- For Fire Rated Hollow Metal Swinging Doors measuring up to 4'w x 9'h rated up to and including 3 Hours
 - Fits ANSI A115 door and frame preparation
 - ³/₄" bolt throw, ³/₄" rod backset
 - 12" rod length (center of face to bolt end - retracted)
 - 1¹/₂" adjustable bolt head
 - When door is subjected to 230° F the plug and black plastic cover will melt allowing the bolt to project, locking the leaves together
 - Bottom fire bolt eliminates need for floor prep.
 - Oversize fire bolt strike hole allows for slight door misalignment

- Options:**
- Other size rods available are 18", 24", 36", 48"
 - Extra long bolt head - 2¹/₂" (or to your specification)

No.	Size	Weight
555 x 18BFB	Top bolt: 1" x 6 ³ / ₄ " Bottom bolt: ¹³ / ₁₆ " dia.	0.9 lbs.

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Lever Extension Flush Bolt No. 556WS Windstorm

The Rockwood 556WS Flush Bolt is part of a UL certified assembly from ASSA ABLOY. Listed for use on both in-swing or out-swing paired applications, the full assembly includes doors from Ceco Door, Curries or Fleming and latching hardware from Corbin Russwin, SARGENT or Yale.

- Material:** Brass and Stainless Steel
- Finishes:** 26D
- Fastener:** 8 ea. #8 - 32 x 1/4" FH MS in Stainless Steel
- Features:**
 - 3/4" bolt throw, 3/4" rod backset
 - 12" Stainless Steel rod length (center of face to bolt end - retracted).
 - UL Certified
 - Tested to ASTM E330, E1886, E1996 and the TAS 201, 202, and 203. Assembly approved for use in the state of Florida including the High Velocity Hurricane Zone (HVHZ)

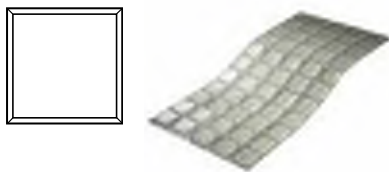
No.	Size	Material	Weight	ANSI A156.16
556WS	Face plate: 1" x 6 3/4" x 1/8" Mortise Body 1" x 5 1/4" x 1 3/8" Rod 12" x 1/2"D Strike: 1 5/16" x 2 1/4" Guide: 1" x 2"	Brass Brass Stainless Steel Stainless Steel Stainless Steel	2.5 lbs./2	L04251



Lever Extension Flush Bolt No. 557

- Material:** Cast brass
- Finishes:** Available in standard architectural finishes (see page 9)
- Fastener:**
 - 7 ea. #8 x 3/4" FH combo screws
 - 4 ea. #8 - 32 x 1/2" FH MS
 - 4 ea. #8 counter sunk washer
- Features:**
 - For Fire Rated Plastic & Wood Covered Doors measuring up to 4'w x 10'h rated up to and including 1 1/2 Hours
 - 3/4" bolt throw, 3/4" backset; door strength maintained by corner reinforcing plate
- Options:** Use No. 570 Dust Proof Strike (shown on page E4) to prevent dirt blocking bottom strike

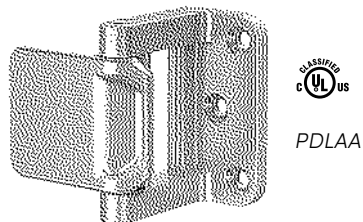
No.	Size	Weight	ANSI A156.16
557	Face plate: 1" x 6 3/4" Strike: 1 5/16" x 2 1/4"	1.7 lbs./2	L04261



Wall Guard No. 606-RKW

- Material:** Clear rubber
Other: Sold in sheets of 55
Features: Self-adhesive mounting

No.	Fastener	Size	Weight
606-RKW	Self-adhesive back	1" x 1"	0.4 lbs./55



Privacy Door Latch No. PDLAA

- Material:** Zinc die cast
Finishes: US26D, US26, US15, BSP, US3, US4, 10BE
Features:
- ADA compliant
 - Enhanced in room privacy
 - Easy to install
 - For use with UL Classified fire doors for use with hollow metal steel composite type fire doors rated up to and including 3 hrs Wood composite type fire doors rated up to and including 1 1/2 hrs and 20 minutes without hose stream

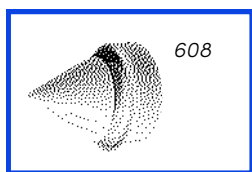
No.	Fastener	Size	Weight
PDLAA	#12 x 1-1/4" FH SMS	1 1/2" x 2 3/16"	0.8 oz.



Door Silencer No. 608CA

- Material:** Clear rubber
Other: Sold in packages of 300
Features: Self-adhesive mounting

No.	Fastener	Size	Weight
608CA	3/8" dia. x 1/8"	Metal or wood	0.2 lbs./300



Door Silencers No. 608-RKW, 609

- Material:** Gray rubber
Other: Sold in packages of 100

No.	Size	Frame Type	Weight	ANSI A156.16
608-RKW	1/2" dia. x 5/8"	Metal	1.3 lbs./500	L03011
609	3/8" x 3/4"	Wood	1.3 lbs./500	L03021

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Door Coordinators No. 2600 Series

- Material:** Steel
- Finishes:** Black, US28
- Fastener:** 7 ea. #12 - 24 x 1 1/4 TH type C tapping screws
- Size:** Standard device size 5/8" x 1 5/8" x 52"
- Features:** Non-handed. Override protection to prevent damage in case of abnormal force on door Mechanism and filler bar completely fill width of opening and when painted to match frame it becomes virtually invisible
- Options:** Specify make and model of exit device for vertical rod preparation
- Ordering:** Stock Sizes



No.	Opening	Weight	ANSI A156.3
2660	60"	7.0 lbs.	Type 21A
2672	72"	8.0 lbs.	Type 21A
2696	96"	9.75 lbs.	Type 21A

Custom Sizes – The 2600 Series coordinators are manufactured in different housing lengths to coordinate the full range of door sizes:

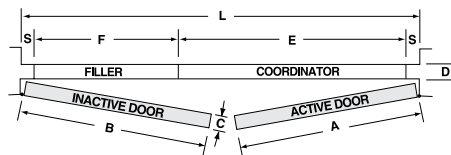
- NX2600 Series: For jamb opening widths (A + B dimension) from 48" - 54". E dimension, 42"
- 2600 Series: For jamb opening widths (A + B dimension) from 54" - 96". E dimension, 52"

Determining Coordinator Item Number

- Active door widths A plus inactive door width B equals the last two or three digits of all 2600 Series coordinator item numbers (2680 is for 80" door opening)
- Less than 48" jamb widths = N2600 Series (N2644 = 44" opening).
- Larger sizes are available (XL, XXL). Contact the factory

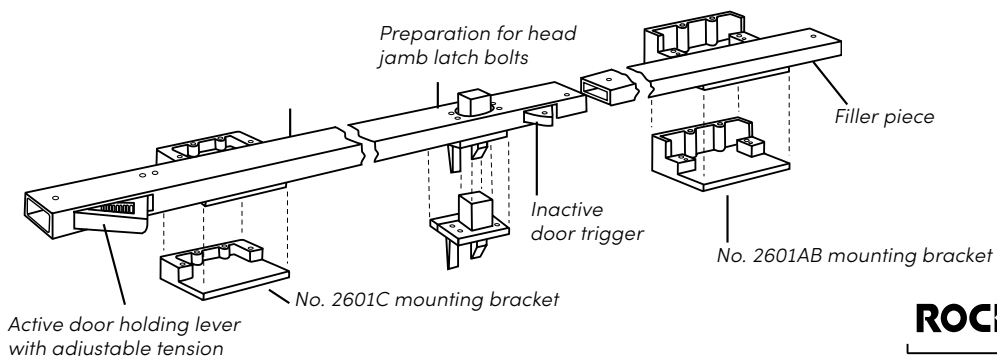
NOTE: Some panic hardware requires the coordinator to be factory prepped. Contact factory.

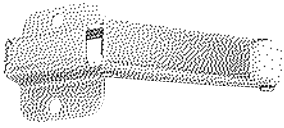
No.	Jamb Widths	Coordinator Length	ANSI A156.3
NX2648- NX2654	48"-54"	42"	Type 21A
2655 - 2660	55" - 60"	52"	Type 21A
2661 - 2672	61" - 72"	52"	Type 21A
2673 - 2696	73" - 96"	52"	Type 21A



Fillers are usually supplied precut from the factory (filler bars shown on page E14).

NOTE: If "S" dimension is other than 5/8" advise the factory.





Carry Bar for No. 1600 /2600 Series Coordinator No. 1100

Material: Brass, steel

Finishes: US3, US4, US10, US10B, US26D, and black prime coat

Fastener: 2 ea. 1/4-20x1 RH MS, 2 ea. 1/4-20x1 11/16 sex bolts

Other: A carry bar is used when it is possible to open the inactive door before opening the active door

No.	Size	Weight
1100	1 3/4" x 2 1/4"	0.3 lbs.



Filler Bar for No. 1600 /2600 Series Coordinator No. FB-1, FB-2

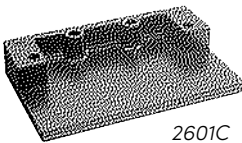
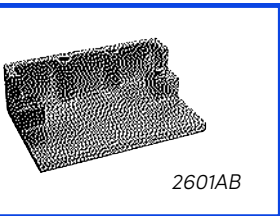
Material: Steel

Finishes: Black, US28

Features: Filler bar is supplied at no charge with the No. 1600 and 2600 Series coordinator (shown on pages E12 & E13)

No.	Size
FB-1	Specify length from 1 5/8" to 18 5/8"
FB-2	Specify length from 19 5/8" to 42 5/8"

Contact factory for larger sizes.



Mounting Brackets (for Soffit Applied Hardware) No. 2601AB, 2601C

Material: Aluminum

Finishes: Black, US28

Fastener: 4 ea. 1/4-20x1 1/2" FH MS, 4 ea. #12-24x2" FH MS.

Features: Used for stop applied hardware. Prevents the inadvertent disabling of the coordinator by fasteners passing through the housing

No.	Soffit Size	Length	Weight
2601AB	7/8" - 2 1/4"	5"	0.9 lbs.
2601C	Over 2 1/4"	5"	0.8 lbs.

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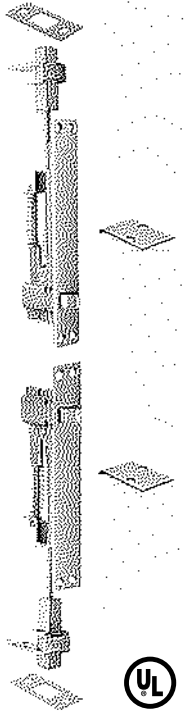
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Automatic Flush Bolts No. 2840 (Automatic Top Bolt Only) No. 2842 (Set) (replaces the No. 1840 and No. 1842)

Material: Brass, stainless steel

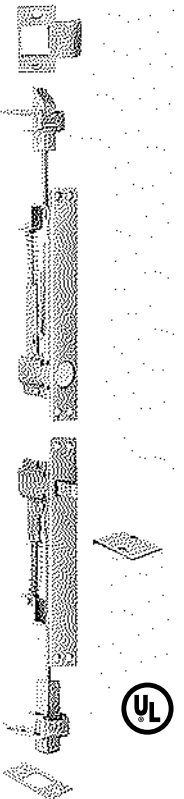
Finishes: US3, US4, US10, US10B, 10BE, US26, US26D, US32D

Fastener: No. 2842: 20 ea. #8 x 3/4" FH combo screws, 2 ea. #6-8 plastic anchors
No. 2840: 10 ea. #8 x 3/4" FH combo screws. NOTE: No plastic anchor required for top only

- Features:**
- For Fire Rated Metal Doors labeled A, B, C, D & E up to 4'w x 8'h
 - Non-handed
 - Fully automatic- opening active door retracts top and bottom bolts
 - Override feature prevents damage to doors or bolts if bolt heads are blocked from entering strikes
 - Bolt head rods are adjustable up to 1 1/2"
 - Thermal lock automatically locks the inactive door under high heat conditions due to fire

Options: No. 2842 can be used with the No. 570 Dust Proof Strike (shown on page E4).

No.	Size	Weight	ANSI A156.3
2840	1" x 6 3/4"	1.2 lbs.	Type 25
2842	1" x 6 3/4"	2.4 lbs.	Type 25



Combination Flush Bolts No. 2805 (Self Latching Top Bolt Only) No. 2845 (Set) (replaces No. 1805 and No. 1845)

Material: Brass, stainless steel

Finishes: US3, US4, US10, US10B, 10BE, US26D, US32D, US32, BSP

Fastener: Top: 2 ea. #8 x 1" Flat Head Combo Screws; 6 ea. #8 x 1" Flat Head Machine Screws.
NOTE: No plastic anchor required for top only.
Bottom (No. 2845 only) 4 ea. #8 x 1" Flat Head Combo Screws; 14 ea. #8 x 1" Flat Head Machine Screws, 2 ea. #6-8 plastic anchors.

- Features:**
- For Fire Rated Metal Doors labeled A, B, C, D & E up to 4'w x 8'h
- Top Bolt**
- Automatically engages when the inactive door closes. When the active door is opened, the inactive door stays latched at the top until the top bolt is released by pressing the plunger button on the bolt face

Bottom Bolt (No. 2845 only)

- Non-handed
- Fully automatic – opening active door retracts bottom bolt
- Override feature prevents damage to door or bolt if bolt head is blocked from entering strike
- Bolt head rod is adjustable up to 3/4"
- Thermal lock automatically locks the inactive door under high heat conditions due to fire

Options: No. 2845 can be used with the No. 570 Dust Proof Strike (shown on page E4)

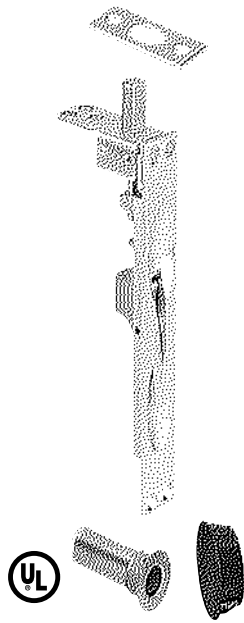
No.	Size	Weight	ANSI A156.3
2805	1" x 6 3/4"	1.2 lbs.	Type 27
2845	1" x 6 3/4"	2.4 lbs.	Type 27

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Lever Extension Flush Bolt With Bottom Fire Bolt No. 557x19BFB

Material: Flush bolt – brass
Bottom fire bolt – stainless steel

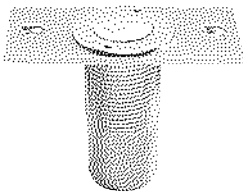
Finishes: Available in standard architectural finishes (see page 9)

Fastener: 7 ea. #8 x 3/4" FH combo screws
4 ea. #8 – 32 x 1/2" FH MS
4 ea. #8 counter sunk washer

Features:

- For Fire Rated Plastic & Wood Covered Fire Doors measuring up to 4'w x 9'h rated up to 20 minutes
- 3/4" bolt throw, 3/4" backset; door strength maintained by corner reinforcing plate
- When door is subjected to 230°F the plug and black plastic cover will melt allowing the bolt to project, locking the leaves together
- Bottom fire bolt eliminates need for floor prep
- Oversize fire bolt strike hole allows for slight door misalignment

No.	Size	Weight
557 x 19BFB	Top bolt: 1" x 6 3/4" Bottom bolt: 1 3/16" dia.	0.9 lbs.



Dust Proof Strike No. 570

Material: Brass

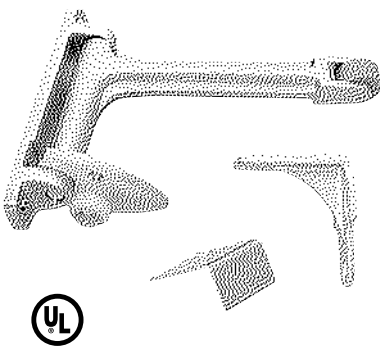
Finishes: Available in standard architectural finishes (see page 9)

Fastener: Adjustment nut
Spanner wrench
2 ea. #8 x 1 OH SMS, 2 ea. plastic anchors
2 ea. #8 – 32 x 3/4" OH MS, 2 ea. anchors

Features:

- Works with all Rockwood manual and automatic flush bolts
- Removable face plate for use with thresholds
- Adjustable height for carpeted areas

No.	Size	Weight	ANSI A156.16
570	Face plate: 1 3/8" x 2 7/8" Barrel: 3/4" dia. x 2" depth	0.4 lbs.	L04021



Gravity Door Coordinator No. 576

Material: Cast brass

Finishes: Available in standard architectural finishes (see page 9).

Fastener: Body: 2 ea. #10 x 1" FH SMS, 2 ea. #10 – 24 x 1" FH MS
Strike: 5 ea. #8 x 1" FH SMS

Other:

- For use on door sizes:
 - with Astragal on active door – 18" to 48"
 - with Astragal on inactive door – 18" to 34"
 - with Astragal on both doors – 18" to 30"
- The overlap of the astragal is maximum 7/8" with door hung on standard hinges. Customer must contact the factory for all other astragal situations

Features: Non-handed reversible. Prevents the active door from closing until the inactive door is closed

No.	Size	Projection	Weight	ANSI A156.3
576	1" x 5 7/16"	7"	2.2 lbs.	Type 21

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7300B Small Format Interchangeable Cores

Cylinders and Components

SARGENT®

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73- & 73-7P Series Small Format Interchangeable Core Cylinders 6 & 7 Pin

- SARGENT Interchangeable Core Cylinders and Master Key Systems are available for a quick change of cylinders for increased security. It is not necessary to remove the lock from the door to rekey the opening
 - SARGENT 7300B Interchangeable Cores are available in SARGENT 4A and 4B keyways as well as the following standard competitor keyways: A, B, C, D, E, F, G, H, J, K, L, M. SARGENT will extend any key system after receipt of an existing bitting list from the end user
 - New key systems are available in either 4A or 4B keyways. 4A in a 2 step system will be supplied standard on new systems
 - A2 or A4 systems available
- For hardware to be supplied with keyed cores use 73- prefix for 6 pin cores and 73-7P for 7 pin permanent cores provided

70- Prefix Disposable Plastic Construction Core For SFIC

- Used for doors that do not require key locking during the construction period
- Operate with coin or flat screw driver
- Mortise and rim cylinders accepts either 6 or 7 pin permanent cores. Cylindrical lock sets ships with plastic core and 6 pin tail piece installed while the 7 pin tail piece is packed loose with the lock set
- One piece design allows for easy installation
- Only available with standard cams
- To order separately use p/n 13-5176



Key Blanks/Cut Master Type Keys (Nickel Silver)

- 6 pin key blank — order as 6285B x keyway
- 7 pin key blank — order as 7285 B x keyway
- Packed 50 per box
- SARGENT Keyways: 4A, Restricted 4B Competitors: A, B, C, D, E, F, G, H, J, K, L, M
- Cut 6 pin master key, order as cat #6282BMK
- Cut 7 pin master key, order as cat. # 7282BMK
Cut 6 pin control key order as cat. # 6282BCTL
Cut 7 pin control key order as cat. # 7282BCTL

73-34 Rim Cylinder

- Brass cylinder and housing
- Furnished with No. 97 rosette, break off screws and back plate
- Optional Collars/Spacers available and ordered separately, refer to product catalogs for additional information
- Housing accepts 6 or 7 pin core
- Mounting holes located to match SARGENT hardware
- Finishes: 3, 4, 26, 26D



7300B Keyed Interchangeable Core

- Supplied keyed with two nickel silver change keys as standard
- Face includes SARGENT logo
- If Control keys are required order as 6282BCTL for 6 pin systems or 7282BCTL for 7 pin systems
 - 6 pin system master keys are ordered as 6282BMK
 - 7 pin system master keys are ordered as 7282BMK
- Finishes: 4, 15
- Order separately as:
 - 7300B x Finish (for 6 pin)
 - 7P-7300B x Finish (for 7 pin)

72- Prefix Brass Interchangeable Construction Core

- SARGENT 7200 Interchangeable 6 pin brass construction core (order 72-prefix with your SARGENT products) enables doors to be locked during the project construction period. Hardware prepared to accept 6 or 7 pin cores installed at job completion
- Using 7200 cores prevents keys for the permanent key system from becoming available during the construction process
- After construction is completed, the 7200 brass cores are removed and replaced with 7300 keyed-permanent interchangeable cores. Mortise and rim cylinders accept either 6 or 7 pin permanent cores. Key in lever locks ship with 6 pin tail installed and 7 pin tail piece shipped loose for use with 7 pin cores
- Plug face is blue for easy identification
- A special Construction Control key 6254 B CTL releases the locking sleeve of the construction core and allows for immediate removal of the core
- Construction cores are 6 pin and keyed alike construction master 6282 B CMK
- Six (6) change keys and one (1) Control key is included
- Cores shipped with hardware
- Only available with standard cams
- For keyed temp core sold separately use catalog # 7200

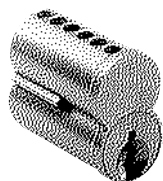
73-43 or 73-46 Series Mortise Cylinders

- Two cylinder sizes
- #43, 1-3/8" (35mm) length under cylinder head including cam
 - 73-43 (6 pin)
 - 73-7P-43 (7 pin), 70-43 housing less core
- #46, 1-3/4" (44mm) length under cylinder head including cam
 - 73-46 (6 pin), 73-7P-46 (7 pin)
 - 70-46 housing less core
- 1-5/32" (29mm) diameter housing
- Furnished with No. 97 cylinder rosette as standard
- Optional Collars/Spacers available and ordered separately, refer to product catalogs for additional information
- Cam is permanently staked to housing
- Housing accepts 6 or 7 pin cores
- Only available with SARGENT off set cam
- Hotel Function not available
- Finishes: 3, 4, 9, 10, 10BE, 10BL, 20D, 26, 26D, BSP



65-7300B Uncombined Interchangeable Cores

- Cores for field keying
- No pins, springs or key blanks provided
- No logo on face
- 65- Prefix — uncombined Cores
- Finishes: 4, 15
- Order as:
 - 65-7300B x Finish (for 6 pin)
 - 65-7P-7300B x Finish (for 7 pin)



65-7300B Shown

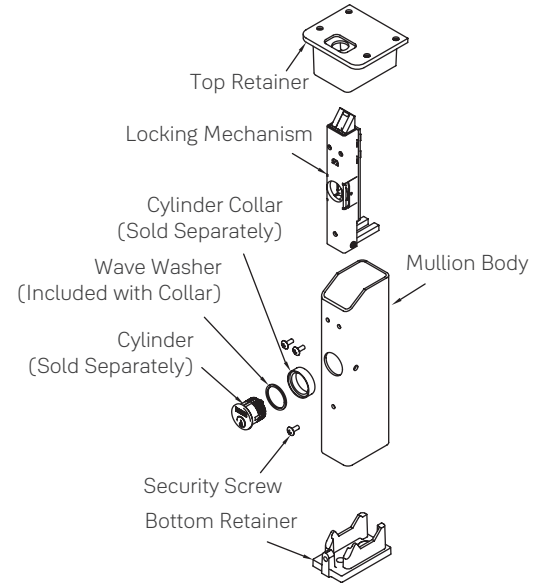
KRM200(F) Keyed Removable Mullion (KRM)

Keyed removable mullions are for use with 2100(F) series exit devices. They are designed for simple removing when an unobstructed large opening is required and easy replacement and locking to maintain the integrity of the opening.

- KRM200 panic rated. Specify 7'2".
- KRM200F 1-1/2 hour fire rated. Specify 7'2" or 10'1" (fire rated up to 8').
- Easy cylinder installation.
- Mullion automatically relocks when reinstalled without the use of the cylinder key.
- When ordering, add KR prefix to mullion, example: KRM200 and KRM200F.

Notes:

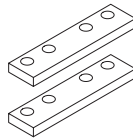
1. For 8' length Mullion must be order as KRM200F option and cut in the field to 8' size.



KRM Options

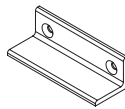
• **M203 Spacer Block**

Recommended for double rabbeted frames where the stop face width is less than the mounting hole spacing or for applications with 5-3/4" (146mm) or less door frames.



• **M204 Angle Bracket**

Recommended for any header configuration with less than 3" (76mm) of mounting surface.

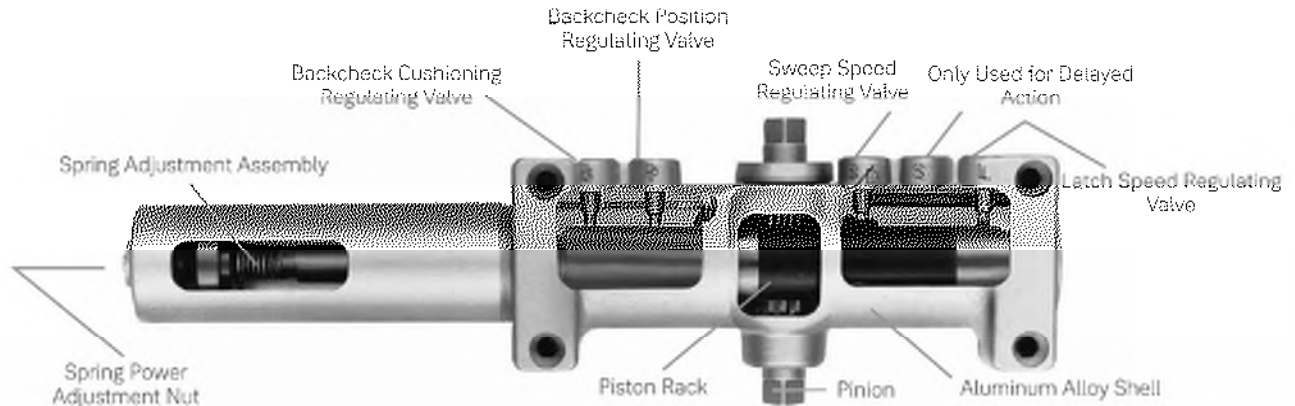


KRM Cylinders

As with any exit device trim, you must order a cylinder and collar if one is required. The Yale® keyed removable mullion accepts a mortise cylinder. Refer to page 28 for details.



Cutaway View



Compliance Standards

- ANSI/BHMA A156.4, Grade 1 certified
- UL / cUL listed for use on fire rated doors
- UL10C listed for positive pressure fire test
- 4400 door closers are designed to comply with requirements for the Americans with Disabilities Act (ADA) and ANSI standard A117.1
- Manufactured in an ISO 9001, ISO 14001 facility



An Environmental Product Declaration (EPD) documents the cradle-to-grave life cycle of a product and how it affects the environment. An important aspect of EPD® is to provide the basis of a fair comparison of products and services by its environmental performance. EPDs can reflect the continuous environmental improvement of products and services over time and are able to communicate and add up relevant environmental information along a product's supply chain.

CAUTION: Door Closers for Low Opening Force Applications:

Door closers installed in openings required to meet the requirements of the Americans With Disabilities Act or ANSI/BHMA Standard A117.1, when adjusted to meet those requirements, may not provide adequate closing power to dependably close and latch the door based on opening or site conditions.

Features

- Exceeds 25 million cycles
- Cast aluminum body
- Adjustable spring sizes 1 through 6 (ADA Compliant)
- Tri-packed (regular arm, top jamb, and parallel arm mounting)
- Rack and pinion design
- Staked valves
- Separate and independent, latch, sweep and backcheck intensity valves
- Non-handed
- 1-1/2" (38mm) diameter piston
- 5/8" (16mm) diameter pinion journals
- 2-1/8" (54mm) projection (standard covers)
- All standard arm applications allow doors to swing 180°, conditions permitting
- 25-year limited warranty
- Self-drilling screws
- Molded plastic cover
- Backcheck positioning valve
- Full-size template
















Optional Features

- Corrosion-resistant model (Non-Hold Open only) (4400S only)
- Metal cover
- Enhanced backcheck (specify EBC suffix)
- Delayed action with pressure relief valve
- Heavy-duty arms: Regular Rigid, Parallel Rigid, Holder/Stop, Holder/Stop Spring, UNI Stop™
- Slide Tracks: push or pull side mounting
- Load-lined metal cover (specify MLL suffix)

Finishes



Product will be painted with a combination of waterborne acrylic and polyester powder coat. Closers will withstand 100 hours of salt spray. (The ANSI requirement is 25 hours.)

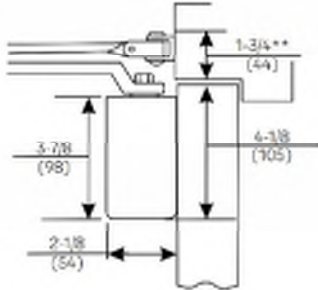
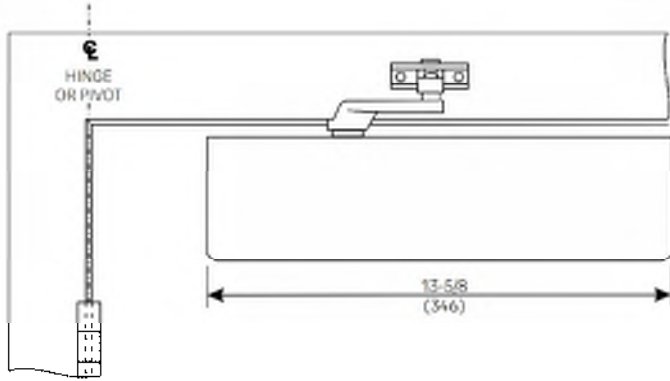
ANSI/BHMA Code Finish Description			
600* Primed for Painting	605 Bright Brass, Clear Coated	606 Satin Brass, Clear Coated	611 Bright Bronze, Clear Coated
			
612 Satin Bronze, Clear Coated	613E Dark Oxidized Satin Bronze - equivalent	625 Bright Chrome Plated	626 Satin Chrome Plated
			
689 Aluminum Painted	690 Dark Bronze Painted	691 Light Bronze Painted	693 Black Painted
			
694 Medium Bronze Painted	696 Satin Brass Painted	BSP Black Suede Powder Coat	WSP White Suede Powder Coat
			

*600 is a special rust-inhibiting prime coat. Closers can be ordered prime coat only (specify closer x 600). An additional charge applies if finish coat is required over prime coat (ex: 4400 x 600 x 689).

Plated Finishes	Specify Designation (ANSI/BHMA)	Metal Covers Only
Bright Brass	605	Yes
Satin Brass	606	Yes
Bright Bronze	611	Yes
Satin Bronze	612	Yes
Bright Chrome	625	Yes
Satin Chrome	626	Yes

When a plated finish is ordered, arm and cover will be plated unless "cover only" is specified.

Regular Arm



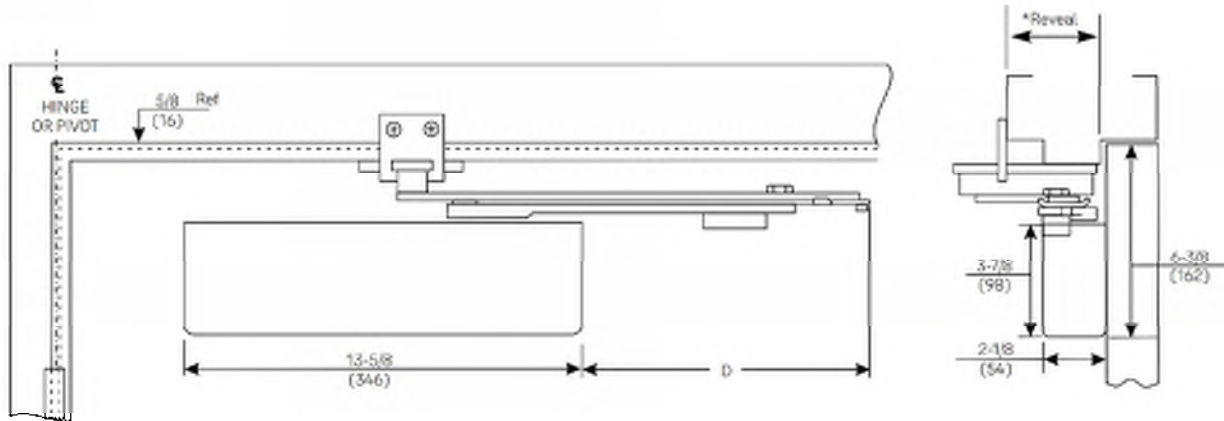
Mounting holes for closer body are spaced 2-3/8" (60mm) vertically x 6-3/4" (171mm) horizontally.
 ** This dimension will vary. Standard non-hold open arm illustrated.

Model Number	
Non-Hold Open	Hold Open
4400	4410

Standard Door Widths	
Interior	32" - 54" (81-137 cm)
Exterior	30" - 48" (76-122 cm)

Consult factory if door weight exceeds 250 lbs.

UNI Stop™ Parallel Arm



Mounting holes for closer body are spaced 2-3/8" (86mm) vertically x 6-3/4" (171mm) horizontally.

Door width must be specified when ordering.

* Reveals 1-7/8" to 4-5/8" (48mm to 117mm) standard, uses 6190 bracket.

Reveals in excess of 4-5/8" (117mm) requires use of 6191 reinforcing kit.

Reveals to 1/8" (3mm) requires use of 589L angle bracket.

Door Width Inches (cm)	D Arm Extension Beyond Closer
28-32" (71-81)	8-5/8" (219)
33-41" (84-104)	10-1/8" (257)
42-48" (107-122)	11-1/2" (292)

Model Number	
Non-Hold Open	Hold Open
UNI4400	UNI4410
x Specify Door Width	

Standard Door Widths

30" - 48" (76-122cm)

Consult factory if door weight exceeds 250 lbs.



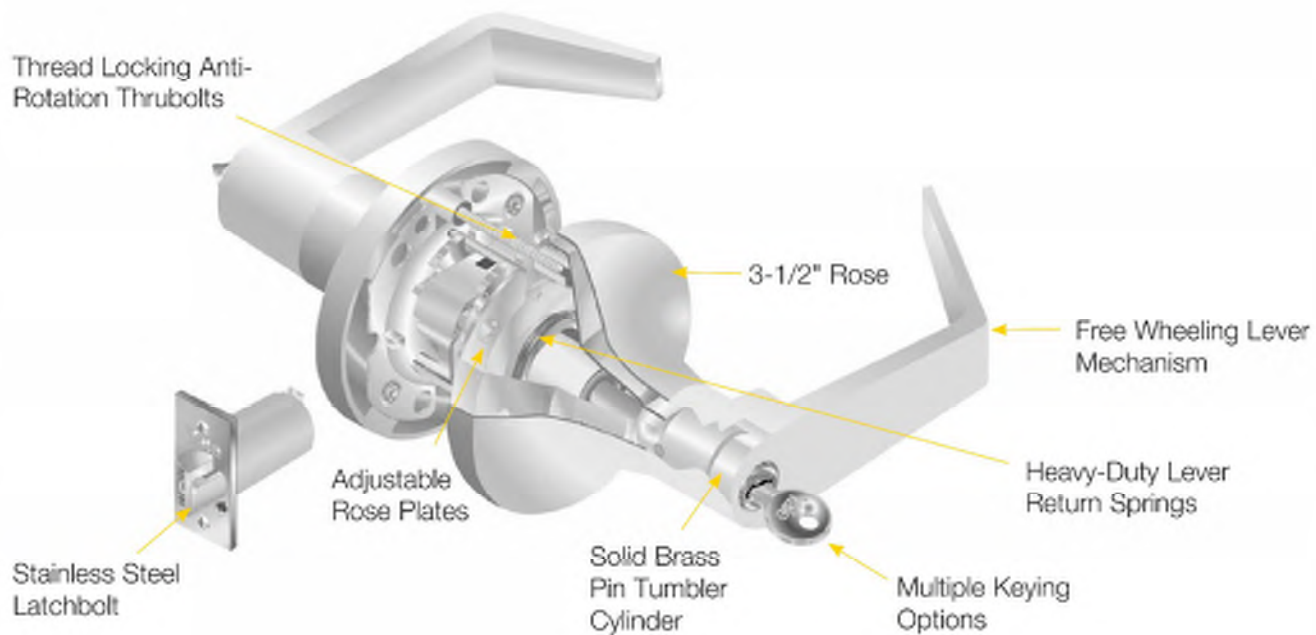
Benefits & Features

BENEFITS

- **Heavy-Duty:** Rugged Grade 1 construction offers greater reliability and resists wear-and-tear
- **Secure:** Innovative features protect against damage and vandalism
- **Versatile:** Range of functions and options offer an ideal solution for a variety of commercial applications
- **Easy installation:** Adjustable rose allows for easy adjustment on different door thicknesses
- **Strong & Reliable:** ANSI/BHMA Grade 1 certification for long-life and durability

FEATURES

- Heavy duty construction features wear-resistant chassis plates, longer thread-locking thrubolts, lifetime warranted lever return springs and stainless steel latchbolt for exceptional strength and durability
- Free Wheeling lever mechanism prevents vandalism and reduces maintenance
- Adjustable rose support plates
- Available in 3 lever designs, 24 functions (including electrified) and 12 standard finishes
- ANSI/BHMA Certified Grade 1
- ADA compliant for ease of accessibility



SPECIFICATIONS

Backset: 2-3/4" standard, 3-3/4" optional

Door Thickness: Adjustable for doors 1-3/4" to 2"

Handing: Non-handed, field reversible

Latchbolt: 2-3/4" backset, 1/2" throw. See page 14 for additional options.

Strike: ANSI strike 4-7/8" x 1-1/4" x 1-1/4" lip to center. See page 15 for additional options.

ANSI/BHMA: Certified Grade 1, ANSI/BHMA A156.2

UL/cUL: Listed for 3 hour fire doors














Windstorm: Certified, check local codes.

Warranty: 7 years





Finishes

ANSI/BHMA Code Finish Description				
605 Bright Brass, Clear Coated 	606 Satin Brass, Clear Coated 	609 Satin Brass, Blackened, Satin Relieved, Clear Coated 	612 Satin Bronze, Clear Coated 	613E Dark Oxidized Satin Bronze - equivalent 
616 Satin Bronze, Blackened, and Satin Relieved, Clear Coated 	619 Satin Nickel Plated, Clear Coated 	620 Satin Nickel Plated, Blackened, Satin Relieved, Clear Coated 	625 Bright Chrome Plated 	626 Satin Chrome Plated 
693 Black Painted 	BSP Black Suede Powder Coat 	WSP White Suede Powder Coat 		

613 and 722 finishes available by Special Product Request only. Please contact Customer Service for additional information.



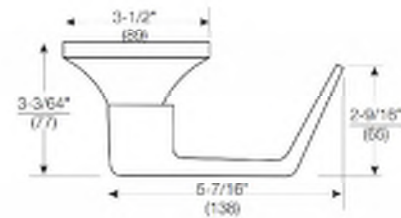
Finish available with MicroShield® antimicrobial coating. Add YMS suffix to order MicroShield antimicrobial coating.

MicroShield coating may vary finish color from architectural standards. MicroShield is not intended as a substitute for traditional infection control programs such as hand hygiene or use of disinfectants. Coated products must still be cleaned to ensure the surfaces will be free of destructive microbes. Yale makes no representations or warranties, express or implied, as to the efficacy of MicroShield.

Lever Trim

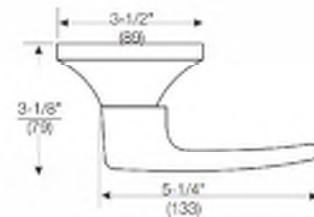
AUGUSTA AU

Lever: Cast Zinc
Rose: Wrought Brass



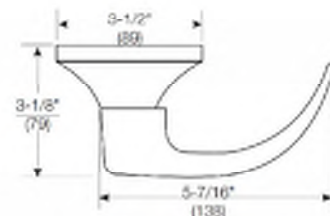
MONROE MO

Lever: Cast Zinc
Rose: Wrought Brass



PACIFIC BEACH PB

Lever: Cast Zinc
Rose: Wrought Brass



Available with large and small format interchangeable core. See page 12-13 for details.

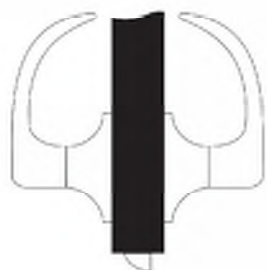
Dimensions shown are in inches/mm.

Functions

5401LN (F75)

Passage or Closet Latch

- For doors that do not require locking.
- Either lever operates latchbolt at all times.



Outside

Inside

5402LN (F76A)

Privacy, Bedroom or Bath Lock

- For lavatory or other privacy doors.
- Either lever operates latchbolt unless outside lever is locked by pushbutton inside.*
- Button automatically releases when inside lever is turned or door is closed.
- Emergency release in outside lever. Emergency key supplied. (PN 14-5302-1053-048)
- Inside lever always active.



Outside

Inside

5403LN (F77A)

Patio or Privacy Lock

- For exit doors with limited entry.
- Deadlocking latchbolt.
- Either lever operates latchbolt unless outside lever is locked by pushbutton inside.*
- Button automatically releases when inside lever is turned or door is closed.
- Inside lever always active.



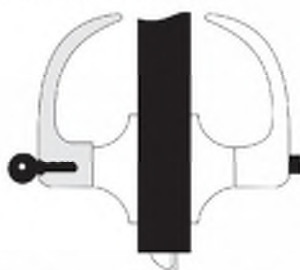
Outside

Inside

5404LN (F82A)

Entry Lock

- For entrance or office doors.
- Deadlocking latchbolt.
- Either lever operates latchbolt (except when outside lever is locked from inside).*
- Pushing button in inside lever locks outside lever. (Automatically releases when inside lever is turned or key is rotated in locked outside lever.)
- Latchbolt is operated by key in outside lever or by rotating inside lever.
- Inside lever always active.



Outside

Inside

5405LN (F86)

Storeroom or Closet Lock

- For use on storeroom, utility, and exit doors.
- Deadlocking latchbolt.
- Latchbolt operated by lever inside, key in outside lever.
- Outside lever always locked.*
- Inside lever always active.



Outside

Inside

5406LN (F92)

Service Station Lock

- Deadlocking latchbolt.
- Either lever operates latchbolt.
- Pushbutton in inside lever locks outside lever. (Automatically releases when inside lever is turned, door is closed or key is rotated in outside lever, except when slotted pushbutton is rotated 90° clockwise to retain outside lever in locked position.)*
- Latchbolt operated by key in outside lever, inside lever always active.



Outside

Inside

*Lever handles are Free Wheeling in locked position. Shaded area denotes Free Wheeling lever.



Electrified Options

OPERATION

Electric locks provide the ability to electrically lock or unlock the outside trim from a remote location. Fail Safe locks are commonly used in stair towers to release upon fire alarm activation. Fail Secure locks are used on perimeter doors or security doors to allow ingress using access control technologies (proximity cards, keypads, etc.)




FEATURES

- Free Wheeling lever mechanism.
- Self-contained, continuous-duty integral solenoid (allows installation in standard cylindrical prep).
- Available Fail Safe or Fail Secure.
- Available in 12 or 24 volts DC.
- 8 position ElectroLynx plug connector
- External rectifier available upon request for AC operation.
- Mechanical cylinder override.
- All 5400LN cylinder options.
- Certified ANSI/BHMA Grade 1. 
- UL listed.
- 2-year limited warranty.

REQUEST TO EXIT (REX) OPTION

Operating inside lever handle triggers REX switch which can be used to shunt an alarm, monitor egress or release a magnetic lock, etc.

FUNCTIONS

Outside	Inside	Function	Function Description
		5490LN	Fail Safe <ul style="list-style-type: none"> • Power on locks outside lever. • Inside lever always active. • Latchbolt retracted by key when locked electrically. • Free Wheeling lever when locked electrically.
		5491LN	Fail Secure <ul style="list-style-type: none"> • Power on unlocks outside lever. • Inside lever always active. • Latchbolt retracted by key when power is off. • Free Wheeling lever when power is off (locked).



ELECTRICAL SPECIFICATIONS





- Continuous duty solenoid
150 mA @ 24VDC
300 mA @ 12VDC
- REX (SPDT) Contact Rating:
3A @ 125 VAC
2A @ 24 VDC

ELECTROLYNX®

Yale® electrified 5400LN locks are equipped with ElectroLynx connectors. As a standard feature, these connectors link power from the incoming source to electrified locking products, including hinges, locks, exit devices, magnetic holders and strikes.

Note: Electrified door hardware with ElectroLynx connectors requires a compatible number of lead wires attached to the door hinge.



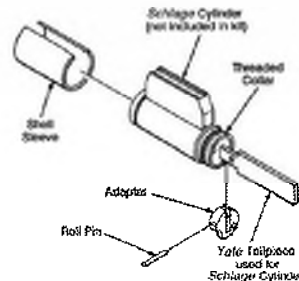
Outside	Inside	Function	Function Description
		5480LN	Fail Safe <ul style="list-style-type: none"> • Power on locks outside lever. • Inside lever always active. • Latchbolt retracted either side except when outside lever is locked electrically. • Free Wheeling lever when locked electrically.
		5481LN	Fail Secure <ul style="list-style-type: none"> • Power on unlocks outside lever. • Inside lever always active. • Latchbolt retracted either side when power is off. • Free Wheeling lever when power is off (locked).



Cylinders

107S SCHLAGE® CYLINDER ADAPTER KIT

Used to modify Schlage cylinder for fit in the 5400LN.
P/N 14-5407-0300-048



OTHER MANUFACTURER KEYWAY CYLINDERS

Illustration	Description	Model Number	Number of Pins
	Best® Keyway Cylinder. Available keyed random, master keyed or uncombined. Specify keyway A, B, C, D, E, F, G, H, J, K, L or M.	A600	6 or 7
	Corbin Russwin "L4", Corbin "60", Russwin "D1", Sargent® "LA" or Schlage® "E" Keyway. Specify keyway. Available keyed random.	3804*	6
	Schlage® "C" Keyway. Available 0-bitted or keyed random.	2802	6

*3804 cylinders require the 107S cylinder adapter kit to fit the 5400LN locksets. These cylinders are not ANSI/BHMA certified.

LEVERS ACCEPTING SFIC AND OTHER MANUFACTURERS' LARGE FORMAT INTERCHANGEABLE CORES

Illustration	Description	Prefix	Number of Pins
	SFIC (Accepts all Small Format Interchangeable Cores)	B (i.e. B-AU, B-MO, B-PB)	6 or 7
	Medeco®, ASSA® (LFIC)	M* (i.e. M-AU)	6
	Schlage® (LFIC)	SI (i.e. SI-AU, SI-PB, SI-MO)	6

*Medeco®, ASSA® option available only with AU lever. (Note: For Medeco 32 series cores.)

LFIC = Large Format Interchangeable Core

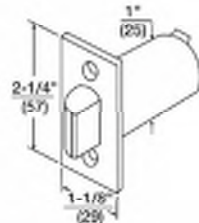
SFIC = Small Format Interchangeable Core



Latchbolts

PLAIN LATCHBOLTS

Model No. 693 supplied standard with all 5400LN series locksets without locking function. Standard plain latchbolt has a 2-1/4" (57mm) x 1-1/8" (29mm) beveled front with a 2-3/4" (70mm) backset and a 1/2" (13mm) bolt throw. Optional latchbolts with a greater backset/throw available to special order.

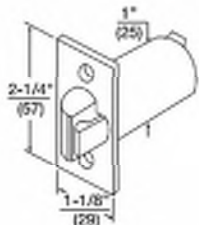


Model No.	Front	Backset	Throw	Front Width	Latch Diameter
693	Beveled	2-3/4" (70mm)	1/2" (13mm)	1-1/8" (29mm)	1" (25mm)
F693	Flat	2-3/4" (70mm)	1/2" (13mm)	1-1/8" (29mm)	1" (25mm)
3693	Beveled	3-3/4" (95mm)	1/2" (13mm)	1-1/8" (29mm)	1" (25mm)

Note: for 3/4" throw applications, only deadlocking latchbolts available.

DEADLOCKING LATCHBOLTS

Deadlocking latchbolt Model No. 694 supplied standard with all 5400LN series locksets with locking function. Standard deadlocking latchbolt has a 2-1/4" (57mm) x 1-1/8" (29mm) beveled front with a 2-3/4" (70mm) backset and a 1/2" (13mm) bolt throw. Optional latchbolts with a greater backset/throw available to special order.



Model No.	Front	Backset	Throw	Front Width	Latch Diameter
694	Beveled	2-3/4" (70mm)	1/2" (13mm)	1-1/8" (29mm)	1" (25mm)
F694	Flat	2-3/4" (70mm)	1/2" (13mm)	1-1/8" (29mm)	1" (25mm)
3694	Beveled	3-3/4" (95mm)	1/2" (13mm)	1-1/8" (29mm)	1" (25mm)
480B	Beveled	2-3/4" (70mm)	3/4" (19mm)	1-1/8" (29mm)	1" (25mm)
F480B	Flat	2-3/4" (70mm)	3/4" (19mm)	1-1/8" (29mm)	1" (25mm)
3480B	Beveled	3-3/4" (95mm)	3/4" (19mm)	1-1/8" (29mm)	1" (25mm)

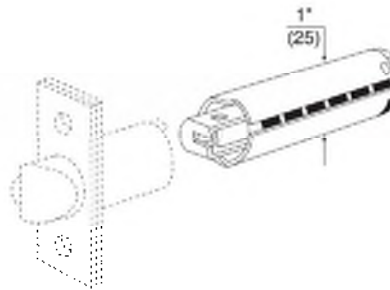
Note: For 2-3/8" backset, contact Customer Support.

BACKSET EXTENSION LINKS

All 5400LN Series locksets are supplied with standard latchbolts of 2-3/4" (70mm) backset; optional latchbolts with a 3-3/4" (95mm) backset are available to special order. Extension links are also available for attachment to 2-3/4" (70mm) or 3-3/4" (95mm) backset latchbolts to extend the backset to the desired length.

Desired Backset	Latchbolt Backset	Order Extension List No.
5" (127mm)	2-3/4" (70mm)	481DL
6" (152mm)	3-3/4" (95mm)	481
7" (178mm)	2-3/4" (70mm)	482
8" (203mm)	3-3/4" (95mm)	482
18" (46cm)	2-3/4" (70mm)	484
19" (48cm)	3-3/4" (95mm)	484

Other extension links up to 42" (1.06m) backset are available to special order.



ATTACHING SCREWS

(Not regularly supplied when latchbolts ordered separately).

- **For all latchbolts**
#8-8-32 x 3/4" (19mm) Phillips flat head combination wood and machine screws
Brass - P/N 81-2022-0416*
Bronze - P/N 81-2032-0416*

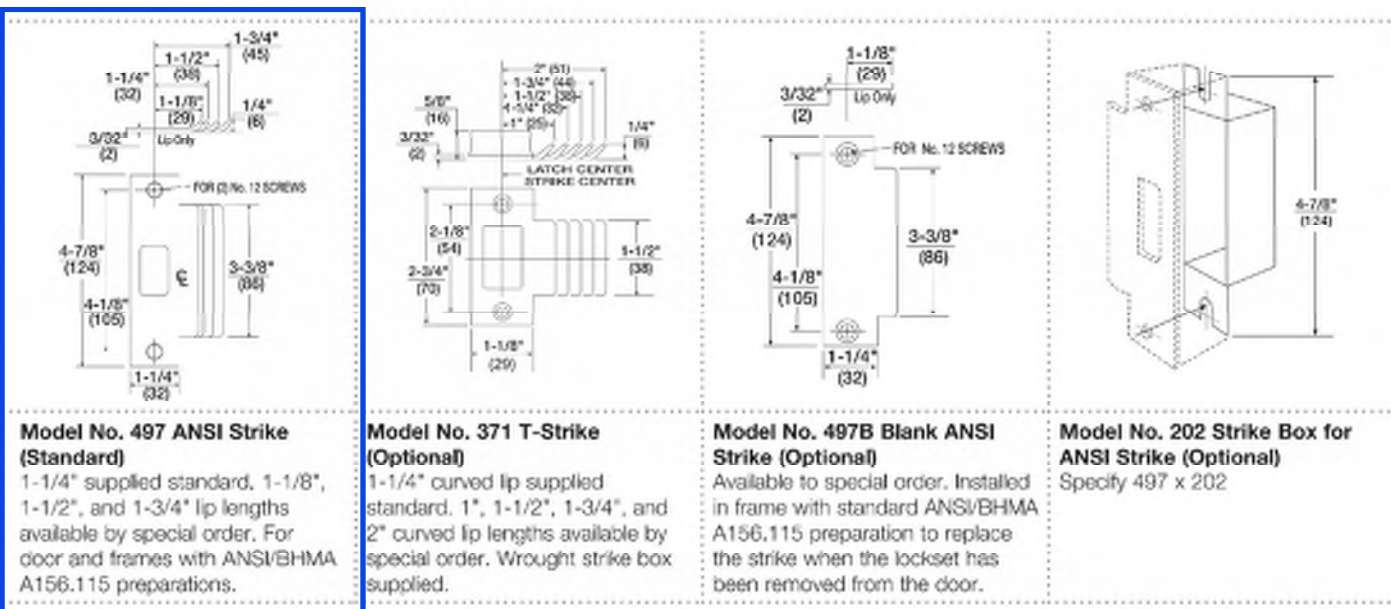
- **Hollow Metal Doors**
#8 - 32 x 1" (25mm) Phillips flat head machine screw
Brass - P/N 81-0022-0420*
Bronze - P/N 81-0032-0420*

*Specify finish required.



Strikes

Yale® 5400LN locks are available with a variety of strike options. All strikes are located on the same vertical and horizontal center lines as the latchbolt. Some strikes are available in special lip lengths to accommodate varying thickness of doors and frames. To determine the proper length of the lip, measure from the center line of the strike to the edge of the jamb, accounting for any interfering trim (i.e. wood molding) and then add 1/4" (6mm) for curved lip. All strikes are reversible. Strikes are fabricated of either brass, bronze or stainless steel, depending on the lockset trim finish. When ordering strikes separately, specify the finish required.



ATTACHING SCREWS

(Not regularly supplied when strikes ordered separately).

For Model No. 371 strike

#8-8-32 x 3/4" (19mm) Phillips flat head combination wood and machine screw P/N-81-2012-0416.

For Model No. 497 strike and 497B plate

#12-12-24 x 1" (25mm) Phillips flat head combination wood and machine screw P/N-81-2012-0620.

Note: When ordering strike plates or attaching screws individually, specify the finish required; i.e. 497 x 202 x 612; #81-2012-0620 x 612.


Benefits & Features

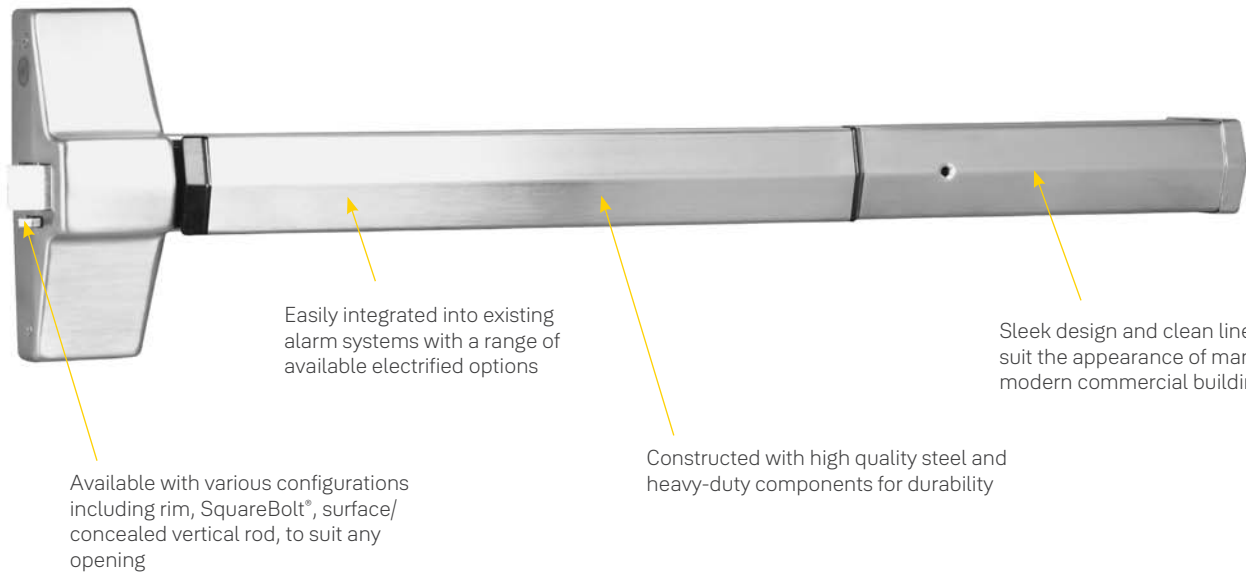


Benefits

- **Innovative:** Featuring patented security options including SquareBolt® latchbolt and delayed egress function
- **Durable:** Heavy-duty steel components are ANSI/BHMA Grade 1 certified for the ultimate in strength and security
- **Flexibility:** Various options available to customize this exit device to suit any opening
- **Clean, modern look:** Sleek design with a variety of attractive finish options to suit any decor

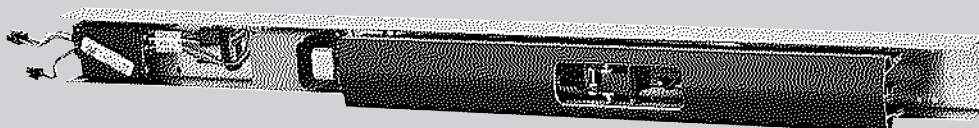
Features

- High quality steel chassis and heavy-duty components
- Full range of mechanical and electromechanical options to suit any life safety application and pair with existing security systems
- ANSI/BHMA Grade 1 certified
- UL/cUL listed for panic and fire doors
- Windstorm certified (refer to local codes)  Hurricane
- Five year mechanical warranty, one year trim warranty, two year warranty on electrical options and components



Now Available with Motorized Electric Latch Retraction!

The Motorized Electric Latch Retraction (MELR) feature provides remote-controlled latch retraction that delivers quiet, smooth operation for convenient, hassle-free egress. Easily installed in new applications and available as retrofit rail kit assemblies for field updates, the MELR features maintenance-free design with few moving parts using 86% less power consumption during retraction than solenoid devices. Plus, MELR is powered by a standard power supply, simplifying installation and increasing system design flexibility. See page 32 for more details.



Finishes



ANSI/BHMA Code Finish Description					
605 Bright Brass, Clear Coated	606 Satin Brass, Clear Coated	609 Satin Brass, Blackened, Satin Relieved, Clear Coated	611 Bright Bronze, Clear Coated	612 Satin Bronze, Clear Coated	613E Dark Oxidized Satin Bronze - equivalent
616 Satin Bronze, Blackened, and Satin Relieved, Clear Coated	619* Satin Nickel Plated, Clear Coated	620 Satin Nickel Plated, Blackened, Satin Relieved, Clear Coated	625 Bright Chrome Plated (540F trim only)	626* Satin Chrome Plated (Trim only)	629 Bright Stainless Steel
630* Satin Stainless Steel	693 Black Painted	BSP Black Suede Powder Coat	WSP White Suede Powder Coat		

613, 626 and 722 finishes available as Special Product Requests only. Please contact Customer Service for more information.

*Finish available with MicroShield® antimicrobial coating, additional finishes by special application. Consult factory for availability.

MicroShield coating may vary finish color from architectural standards. MicroShield is not intended as a substitute for traditional infection control programs such as hand hygiene or use of disinfectants. Coated products must still be cleaned to ensure the surfaces will be free of destructive microbes. Yale makes no representations or warranties, express or implied, as to the efficacy of MicroShield.

Finishes For Touchbar Covers Only

ANSI/BHMA Code	Finish Description
BN ³	Semi-gloss black fused polymer
LUM	Lumi-lite Photoluminescence
SS	Stainless Steel

Lumi-Lite

Lumi-lite uses photoluminescence technology to provide visibility of exit doors in low-light, no light or smoky conditions. Lumi-lite can be ordered with your 7000 Series Exit Device or easily retrofitted to existing devices. See Lumi-lite Touchpad Cover on page 57 for more information.



7100(F) Rim



The 7100(F) is a rim exit device to be used with single doors or pairs of doors constructed of metal, wood or composite materials. Designed for application in high-use areas, the 7100(F) comes in a variety of finishes and can be combined with a variety of trims to match any desired style.



Features

- Designed for wide stile doors
- 3/4" throw deadlocking stainless steel pullman latchbolt
- Electroplated ferrous components provide corrosion resistance
- Available in double cylinder function (handing must be specified)

Applications

- Non-handed for easy installation
- Single swing doors
- Pairs of doors with removable mullions
- Metal, wood or composite door materials

Specifications

Door Opening Width	-24 for 24" (60cm) doors -36 for 30" - 36" (76cm - 91cm) doors -48 for 36" - 48" (91cm - 122cm) doors Optional sizes can be special ordered. Consult Technical Product Support.
Door Thickness	1-3/4" (44mm) standard. Optional door thicknesses available to 4-1/2"; specify door thickness when ordering.
Minimum Stile Width	4-1/2" (114mm)
Projection	3-1/4" (83mm) active, 2-3/4" (70mm) dogged
Latchbolt	3/4" (19mm) deadlocking stainless steel pullman-type
Strike	757F, 793 optional (double door application, panic only)
Fasteners	Machine screws and wood door fasteners standard for panic hardware. Sex nuts and bolts supplied standard for fire exit hardware.
Trims	620F series escutcheon trim, 630F series pull/thumbpiece trim, 680F series offset pull trim, 540F series rose trim, 121NL cylinder only. See pages 22-24.
ANSI/BHMA	Certified A156.3 Type 1, Grade 1
UL/cUL	FVSR/FVSR - Panic hardware; GXHX/GXHX7 - Fire exit hardware (F) (4' x 8' single, 8' x 8' pairs, 3 hr.)
Dogging	Hex key dogging supplied standard on panic devices
Options	Cylinder dogging, shim kit #723, sex nuts and bolts, MicroShield®, Lumi-lite
Warranty	5-year limited



Escutcheons

480F Series	500F Series	510F Series	620F/650F Series	630F/660F/670F Series	680F Series
					
Projection: 2-13/32" (61mm)	Projection: see levers	Projection: see levers	Projection: see levers	Projection: 2-1/8" (54mm)	Projection: see levers

Roses

















540F Series



Projection: 3-1/2" (89mm)

Standard Trims

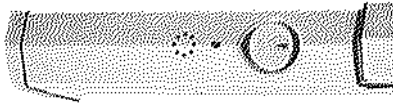
All Yale exit device trims (except mortise trim) feature the unique Free-Wheeling lever mechanism, similar to our 5400LN cylindrical lock. This Free-Wheeling trim features a clutch mechanism which allows the lever to float down 60 degrees when operated in the locked condition, improving vandal resistance.

Arcadia AR 	Augusta AU 	Carmel CR 
		
Projection: 3-1/4" (82mm)	Projection: 2-5/8" (61mm)	Projection: 3-1/8" (79mm)
Jefferson JN 	Monroe MO 	Pacific Beach PB 
		
Projection: 2-9/16" (65mm)	Projection: 3" (76mm)	Projection: 3-5/16" (84mm)
Pinehurst PN 	Virginia VI 	Hampton HA 
		
Projection: 3-1/16" (78mm)	Projection: 3-1/8" (79mm)	Projection: 3-3/8" (86mm)

Note: Projection dimensions are provided using the 620F series escutcheon plates.



Alarm Kit "A"



Activation: Alarm is armed by turning key clockwise. Low audible chirp indicates alarm has been activated. Alarm will sound when the exit device pushpad is depressed. Factory preset for standard alarm mode which automatically resets after 5 minutes.

Continuous Alarm Mode: Alarm sounds continuous when the exit device pushpad is depressed. Alarm must be manually reset by keyswitch. (This feature is selected by a switch on the circuit board.)

Low Battery Warning: Audible chirp.

Nuisance Alarm: Factory preset for instant alarm. Selectable feature for alarm to sound when pushpad is depressed for more than 2 seconds. (This feature is selected by a switch on the circuit board.)

Arming Delay/Authorized Egress: 10-second delay (after arming) permitting egress (by turning key clockwise).

Alarm Shunt: Ingress shunt alarm input for devices with latchbolt position (S) monitor. NOTE: "S" included with SVR devices.

Power Requirements: One 9-volt battery (included).

Loudness: 90db @ 10 feet.

Arm/Disarm: Uses one 1-1/8" straight cam mortise cylinder. Clockwise turn arms the alarm, counter clockwise turn disarms or silences the alarm.

Device Status: A Red LED indicator will illuminate every 30 seconds when the alarm is armed.

Tamper Resistant: Built-in safety monitor sounds alarm when tampering occurs.

Warning Decal: "EMERGENCY EXIT - ALARM WILL SOUND"

Applications: Rim: 7100(F), 7200, 7200M(F); SquareBolt®: 7150(F), 7250, 7250M(F); SVR: 7110(F), 7170(F), 7210, 7210M(F); CVR: 7120(F), 7160(F), 7220, 7220M(F); Mortise: 7130(F)

Kit: Available in kit form for field retrofit.

Bar Length: Available for 36"- 48" devices only. May not be used on bars less than 36".

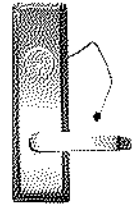
- Standard 36" device fits doors 35"-36" Device cannot be cut less than 35".
- Option -48 fits doors 41"- 48". Devices cannot be cut less than 41".

How to Order: Specify 7116 for alarm kit. Suffix -"A" when ordering with device. Ex: 7150-A.

NOTE: The 7116 alarm kit cannot be retrofitted in the field to the 7110(F), 7170(F), 7210 or 7210M(F) surface vertical rod exit devices. This option is available as a factory order only for these devices. Any attempt to retrofit the 7116 alarm kit with these surface vertical rod exit devices will void the warranties for these products.

Electric Trim

The electrified 600 series heavy-duty trim provides electric locking and unlocking of trim. Ideal for door control where increased security is necessary at all times, while meeting life safety codes. Electric trim is ideal for many applications, including stairwell towers, high-security areas, schools, hospitals, and factories.



Functions

690F Trim - Fail Safe

- Lever is locked when power is on (Free-Wheeling)
- Power off allows entry from trim
- Inside device is always active for egress
- Mechanical key override (09 Function - Key allows lever to retract latchbolt. Key can only be removed in locked position)

691F Trim - Fail Secure

- Lever is locked when power is off (Free-Wheeling)
- Power on allows lever activation for entry
- Inside device is always active for egress
- Mechanical key override (09 Function - Key allows lever to retract latchbolt. Key can only be removed in locked position.)

Features

- Accepts all standard and Reflections® decorative lever designs
- Plug connector with 4' wire lead (Exit device is used as wire raceway, not door)
- Key Override - Requires rim cylinder (sold separately)

Applications

- 7100(F) Rim Device
- 7150(F) SquareBolt®
- 7110(F), 7170(F) Surface Vertical Rod

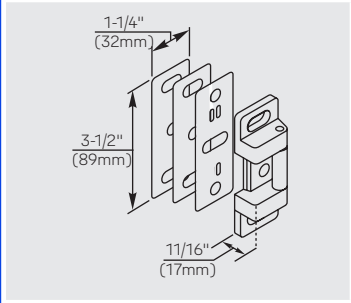
Electrical Specifications

- 330 mA @ 24 Volts
SM - Security Monitor Switch
- 4 AMP @ 250VAC
Voltage: 24 VAC/VDC only
BPS series power supplies recommended.

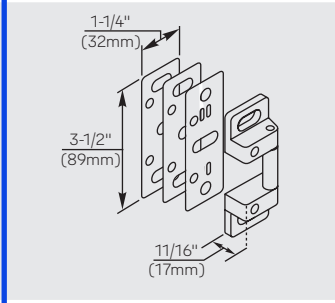
Options

- SM - Security Monitor. A SPDT switch that monitors the position of the solenoid (lock and unlock status).
- EX - Trim gasket for exterior applications.

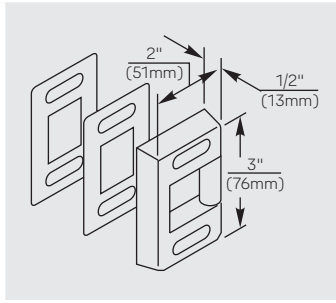
Rim Devices



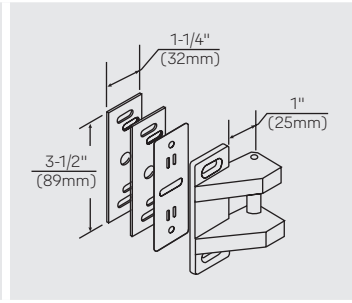
757F
Standard strike for 7100(F), 7150(F), 7200M(F) and 7250M(F) devices. Supplied with #10-24 x 3/4" machine screws, two shims (each 1/16" thick), and one locking plate.



757FWS
Standard strike for 7150(F)WS and 7250M(F)WS devices. Supplied with 2 each #10-24 x 1-1/4" and 2 each #10-24 x 3/4" machine screws, two shims (each 1/16" thick), one locking plate and one interlocking bracket (not shown) with 4 each #10-24 x 3/4" machine screws.

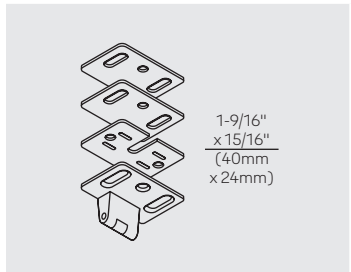


759
Standard strike for 7200, 7205 devices.

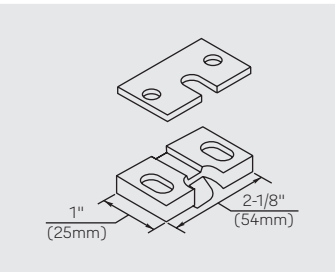


793
Optional strike for double door applications without a mullion. Supplied with #10-24 x 3/4" machine screws, two shims (each 1/16" thick), and one locking plate. Panic only.

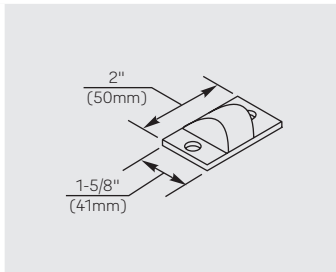
Vertical Rod Devices - Top Strikes



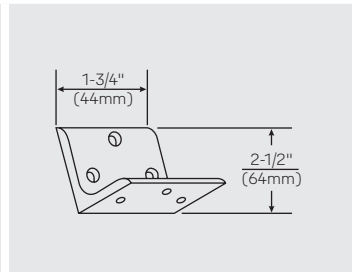
791
Standard top strike for 7110(F), 7120(F), 7210, 7220, 7210M(F), 7220M(F) series devices. Supplied with #10-24 x 3/4" machine screws, two shims (each 1/16" thick), and one locking plate.



726
Standard top strike for 7170(F) series devices. Supplied with #12-24 x 11/16" machine screws and #12 x 1-1/4" sheet metal screws, and one shim (1/16" thick).

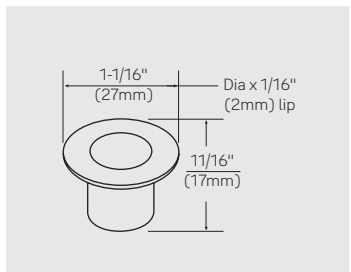


761
Standard top strike for 7160(F) series devices. Supplied with #10-32 x 3/8" machine screws and #10 x 1" sheet metal screws.

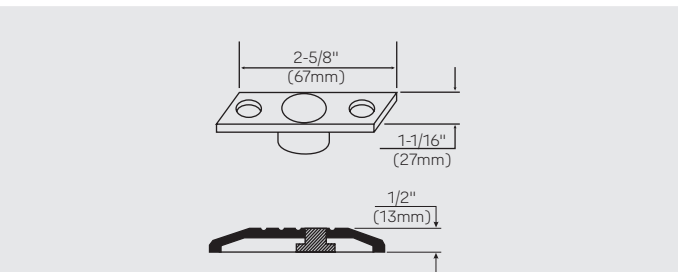


797
Optional bracket for mounting 791 top strike in flush transom opening. Supplied with 1/4-20 machine screws; SN-134 sex nuts, optional.

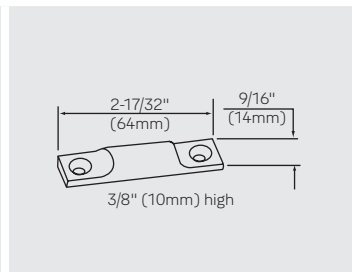
Vertical Rod Devices - Bottom Strikes



790
Standard bottom strike for 7110(F), 7120(F), 7160(F), 7170(F), 7210, 7220, 7210M(F), 7220M(F) series devices. Press in place.



794
Optional bottom strike for fire openings using saddle thresholds or for flush floor mount. Must use for fire openings with 1/2" thresholds. Supplied with #10-24 x 1/2" machine screws and floor anchors.



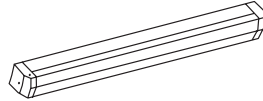
702
Optional bottom strike for bottom pullman latch option. Supplied with #8 x 8/32" combination screws.

Accessories/Options



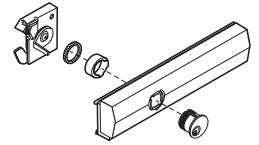
720 Dummy Pushbar

For push-pull vestibule doors leading to doors with 7000 series exit devices. Bars fit doors up to 48" (122cm) wide. Same finishes as devices. Specify 720 x finish.



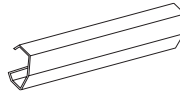
Cylinder Dogging

Cylinder dogging is available for all panic-listed exit devices only. Requires use of 1-1/8" mortise cylinder. When ordered with a device, cylinder must be ordered separately. (See How to Order, "Fourth Digit", page 5.) Cylinder dogging kit available; specify 715-48 (cylinder not included with this kit).



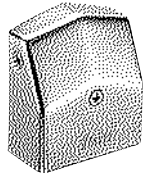
730 Touchpad Cover

Field replacement cover to renew touchpad looks. Specify 730-36 or 730-48 x finish.



Replacement End Cap

The 7000 series replacement end cap is designed with heavy-duty material with three screw holes in strategic locations to resist abuse and maintain functionality. The ECK7 kit is available for easy retrofit to existing exit devices. To order retrofit kit, specify ECK7 x finish.

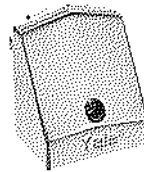


Lumi-Lite Touchpad Cover

The Lumi-lite touchpad cover can be ordered separately and easily retrofits to existing 7000 exit devices in the field. To order specify: 730-36LUM for 36" cover and 730-48LUM for 48" cover

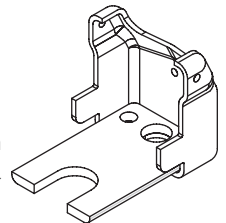
Flush End Cap

The flush end cap is a heavy-duty flush mounted end cap constructed of solid cast or stainless steel materials. For use on exit devices subject to abuse by vehicles being pushed through the doorway opening; i.e. carts, gurneys, wagons, etc. To order with device, specify option: ECK1. Available as a retrofit kit for existing installations, to order specify part number: 81-9500-0620 x finish.



Reinforced End Cap**

This end cap consists of a solid steel plate welded to the end bracket which evenly distributes impact forces over a larger surface area, thus eliminating point loading. To order with device, specify option ECK3. To order separately, specify kit model number ECK3. Kit includes reinforced bracket, end cap and (6) 1/4" x 20 screws.



Bottom Pullman Latch

Optional bottom pullman latch available for panic listed vertical rod exit devices. To order with devices, specify "BPL." 702 bottom strike required, see page 49.



**Note: Six 1/4 x 20 screws come standard with either ECK3 option or kit. Only two screws required to fasten end cap assembly to door for retrofit. Other four screws are used with SquareBolt® Latch Head if ordered as an ECK3 option with complete device. When the kit is ordered a new end cap is also supplied, finish must be specified.

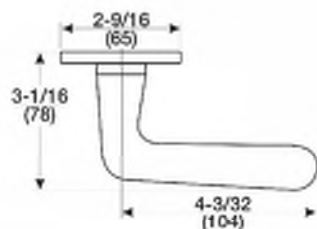
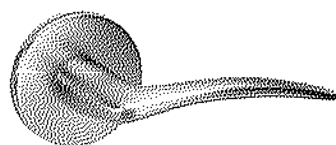


Lever Trim

STANDARD ROSE

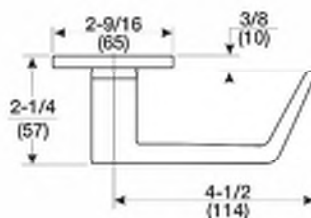
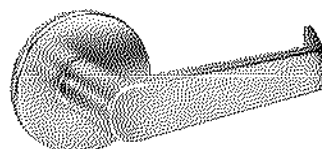
Arcadia - ARR

AR Lever Handle*: Cast
CO Rose**: Stamped
Cylinder Collar: See pages 31-37



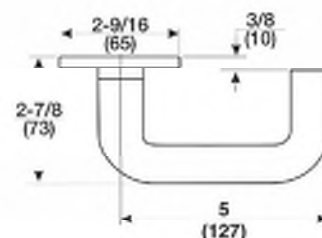
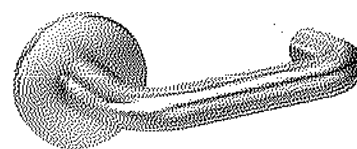
Augusta - AUR

AU Lever Handle: Cast
CO Rose**: Stamped
Cylinder Collar: See pages 31-37



Carmel - CRR

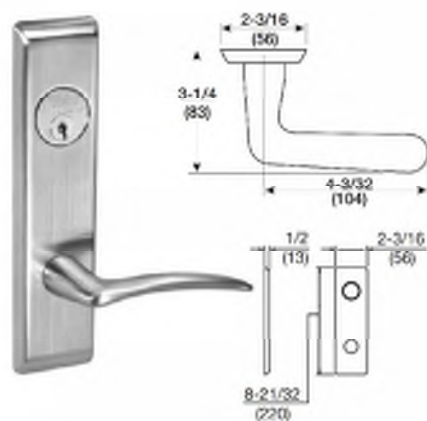
CR Lever Handle: Cast
CO Rose**: Stamped
Cylinder Collar: See pages 31-37



STANDARD ESCUTCHEON

Arcadia - AR X CN

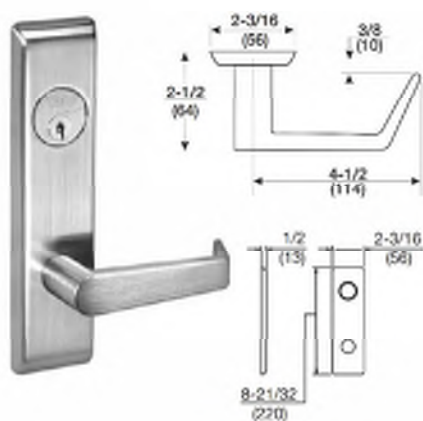
AR Lever Handle*: Cast
CN Escutcheon**: Cast
Cylinder Collar: See pages 31-37



Trim also available for SL Series, please specify ARSL.

Augusta - AU X CN

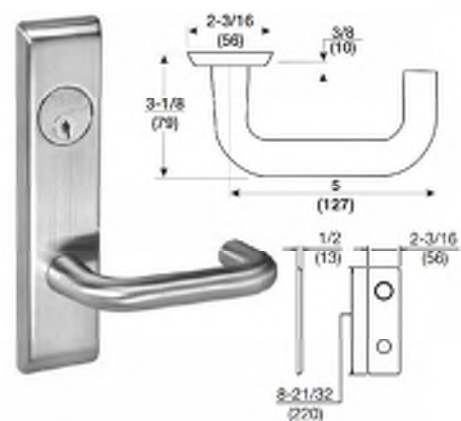
AU Lever Handle: Cast
CN Escutcheon**: Cast
Cylinder Collar: See pages 31-37



Trim also available for SL Series, please specify AUSL.

Carmel - CR X CN

CR Lever Handle: Cast
CN Escutcheon**: Cast
Cylinder Collar: See pages 31-37



Trim also available for SL Series, please specify CRSL.

*Indicates levers that are handed.

**Available with Reflections® rose or escutcheon. See page 12 for options.



Mechanical Functions

Mechanical Functions (ANSI)	Description / Model Numbers					Armor Front Part Number	*Cylinder	*Cam	Escutcheon Plate Spacing Numbers		Spindles		Illustration Outside Inside
									Outside	Inside	Knobs	Levers (Std.)	
8835 EXIT LOCK	<ul style="list-style-type: none"> Latchbolt retracted by knob/lever inside. Deadbolt operated by thumbturn inside. No outside operations. Anti-panic operation. Operating inside knob/lever retracts the latchbolt and deadbolt simultaneously. Deadlocking latchbolt. 					50-8820-x219-FIN	—	—	—	211	F1158	F1158	
	Trim	Model Numbers		Throw									
		Knobs	Levers	Latchbolt	Deadbolt								
	Standard	8835	8835FL	3/4"	1"								
SL	—	SL8835FL	3/4"	1"									
Reflections*	—	8835RL	3/4"	1"									
8840 STOREROOM DEADBOLT	<ul style="list-style-type: none"> Latchbolt retracted by key outside, knob/lever inside. Deadbolt operated by key outside and thumbturn inside. Outside knob/lever rigid at all times. Anti-panic operation. Operating inside knob/lever retracts the latchbolt and deadbolt simultaneously. Deadlocking latchbolt. 					50-8820-x219-FIN	2153	2160	208	211	1178L	1178L	
	Trim	Model Numbers		Throw									
		Knobs	Levers	Latchbolt	Deadbolt								
	Standard	8840	8840FL	3/4"	1"								
SL	—	SL8840FL	3/4"	1"									
Reflections*	—	8840RL	3/4"	1"									
8847 APARTMENT CORRIDOR DOOR LOCK (F20)	<ul style="list-style-type: none"> Latchbolt retracted by knob/lever either side. when outside knob/lever is locked by stopwork switch. Deadbolt operated by key outside, thumbturn inside. When outside knob/lever is locked, latchbolt and deadbolt are operated by key outside. When deadbolt is projected, outside knob/lever is automatically locked. Anti-panic operation. Operating inside knob/lever automatically retracts latchbolt and deadbolt with outside knob/lever remaining locked. Deadlocking latchbolt. 					50-8847-x219-FIN	2153	2160	208	211	1178L	1178L	
	Trim	Model Numbers		Throw									
		Knobs	Levers	Latchbolt	Deadbolt								
	Standard	8847	8847FL	3/4"	1"								
SL	—	SL8847FL	3/4"	1"									
Reflections*	—	8847RL	3/4"	1"									
8860 ROOM DOOR LOCK (F21)	<ul style="list-style-type: none"> Latchbolt retracted by knob/lever either side. Deadbolt operated by key outside, thumbturn inside. 					50-8802-x219-FIN	2153	2160	208	211	1178L	1178L	
	Trim	Model Numbers		Throw									
		Knobs	Levers	Latchbolt	Deadbolt								
	Standard	8860	8860FL	3/4"	1"								
SL	—	SL8860FL	3/4"	1"									
Reflections*	—	8860RL	3/4"	1"									
8860-2 STORE DOOR LOCK (F14)	<ul style="list-style-type: none"> Latchbolt retracted by knob/lever either side. Deadbolt operated by key both sides. 					50-8802-x219-FIN	2153 (both sides)	2160	208	208	1178L	1178L	
	Trim	Model Numbers		Throw									
		Knobs	Levers	Latchbolt	Deadbolt								
	Standard	8860-2	8860-2FL	3/4"	1"								
SL	—	SL8860-2FL	3/4"	1"									
Reflections*	—	8860-2RL	3/4"	1"									

*Standard cylinder and cam indicated. For optional cylinders, see pages 28-30.



Strikes

Yale® 8800 Series Mortise Locks come standard with a 2815 Curved Lip Strike with a 1-1/4" (32mm) lip length. The strike supplied will accommodate the locking function, i.e. latchbolt and/or deadbolt, and can be installed on doors 1-3/4" (44mm) thick. These strikes are non-handed.

Material: Brass, Bronze, Stainless Steel.

Longer/Shorter Lip Lengths: Mortise lock strikes are mounted 3/8" above the center line of the lock. To determine the proper length of lip use the following formula:

1/2 of the door thickness, plus 1/16" inset, plus trim thickness, plus 1/8" for flat lip strike OR 1/4" for curved lip strike. Select the nearest available length.

2815 Curved Lip:

- 1-1/4" (32mm) standard

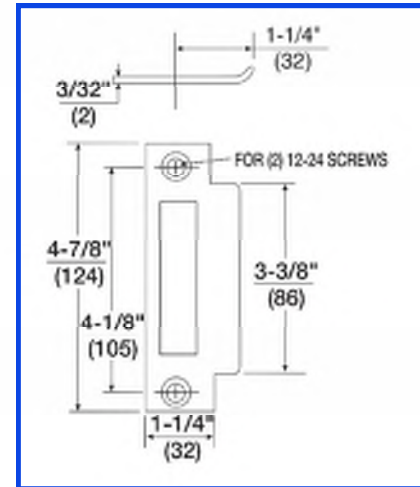
To special order

- 1-1/8" (29mm)
- 1-3/8" (35mm)
- 1-1/2" (38mm)
- 1-5/8" (41mm)
- 1-3/4" (44mm)
- 1-7/8" (48mm)
- 2" (51mm)
- 2-1/8" (54mm)
- 2-1/4" (57mm)

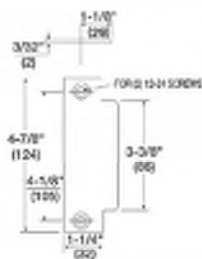
2816 Flat Lip:

To special order,

- 7/8" (22mm)
- 1" (25mm)
- 1-1/8" (29mm)
- 1-1/4" (32mm)
- 1-1/2" (38mm)
- 1-3/4" (44mm)
- 2" (51mm)
- 2-1/4" (57mm)
- 2-1/2" (64mm)



OPTIONAL STRIKES



497B ANSI Blank Filler Plate: Reversible to replace a strike where a lock has been removed or where a frame with a strike preparation when no lock is installed on a door. Lip Lengths: 1-1/8" (29mm) only.

Material: Brass, Bronze, Stainless Steel.

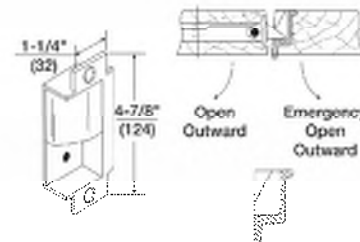
718 Open Back Strike: Field handable for a standard V-beveled pair of doors with a latchbolt only function on the active door. This strike permits emergency opening of the inactive door without damaging the lock mechanism. Available for doors 1-3/4" or 2-1/4" thick only. Specify the door thickness required.

Material: Stainless Steel, Black Nylon Coated.



202 Strike Box: Reversible for installation with all Flat or Curved Lip Strikes. Available to special order only.

Material: Wrought Steel, Zinc Plated, Dichromated.





Interchangeable Core Cylinders

SMALL FORMAT MORTISE

Complete Cylinder	Core	Housing	Length	Pins		Cam
				6	7	
K620	Included	Included	1-1/4"	X		KC1 (For cam options, see page 16.)
			1-3/8"	X	X	
			1-3/4"	X		
K630 Tapered*	Included	Included	1-1/4"	X		
			1-3/8"	X	X	
			1-3/4"	X		
	K600			X	X	
Non-Tapered Mortise Housing	K660		1-1/4"	X		
			1-3/8"	X	X	
			1-3/4"	X		
Tapered Mortise Housing	K670		1-1/4"	X		
			1-3/8"	X	X	

*Tapered housings (not illustrated) are designed for narrow stile/backset applications, (storefront doors). Recessed collars are not necessary.

For use with mortise and auxiliary locksets.



Complete Mortise Cylinder (SFIC)

HOW TO ORDER EXAMPLES

Mortise Cylinder Ordered Separately

	Quantity	Cylinder	Length	Pins	Keyway	Cam	Keyset	Finish
Complete Cylinder	50	K620	1-1/4"	6	XX	KC1	AA1	626
Housing Only	50	K660	1-1/4"	6	--	KC1	--	626
Core Only	50	K600	--	6	XX	--	AA1	626

Collar not furnished with cylinder ordered separately.

Mortise Lockset with a Yale® KeyMark® SFIC Cylinder

Quantity	Trim	Lock	Cylinder	Pins	Keyset	Hand	Thickness	Finish
50	AUR	8805FL	K620	6	AA1	RHR	1-3/4"	626

Collar - 1765 furnished standard when ordered with lockset. For Collar applications, see page 15.



Small Format Interchangeable Core (SFIC)

HOW TO ORDER WITH CONSTRUCTION TEMPORARY CORES

(See page 17 for Construction Core Program)

Mortise Lockset with Temporary, Lockable SFIC

Quantity	Trim	Lock	Cylinder	Key Code	Hand	Thickness	Finish
50	AUR	8805FL	K625	CT6SL	RHR	1-3/4"	626

For permanent core ordered separately, see "Core Only" above.

Mortise Lockset with Temporary, Disposable SFIC

Quantity	Trim	Lock	Cylinder	Key Code	Hand	Thickness	Finish
50	AUR	8805FL	K625	CT6SD	RHR	1-3/4"	626

For permanent core ordered separately, see "Core Only" above.



Mortise AUR 8805FL with K620 Cylinder



Interchangeable Core Cylinders

SMALL FORMAT RIM

Complete Cylinder	Core	Housing	Length	Pins		Tailpiece (TP)
				6	7	
K640	Included	Included	1-1/4"	X	--	KT1 Horizontal Break-off (For vertical application, change orientation of tailpiece.)
			1-3/8"	X	X	
--	--	K680	1-1/4"	X	--	
			1-3/8"	X	X	
--	K600	--	--	X	X	

For use with exit devices and auxiliary locking devices.



Complete Rim Cylinder (SFIC)

HOW TO ORDER EXAMPLES

Rim Cylinder Ordered Separately

	Quantity	Cylinder	Length	Pins	Keyway	TP	Keyset	Finish
Complete Cylinder	50	K640	1-1/4"	6	XX	KT1	AA1	626
Housing Only	50	K680	1-1/4"	6	--	KT1	--	626
Core Only	50	K600	--	6	XX	--	AA1	626

Collar not furnished with cylinder ordered separately.

Exit Device with a Yale® KeyMark® SFIC Cylinder

Quantity	Device	Trim	Cylinder	Pins	Keyway	Keyset	Hand	Finish
50	7150	626F	K640	6	XX	AA1	RHR	626

For Collar applications, see page 15.



Heavy-Duty Exit Device Trim 626F with K640 Cylinder and KP4 Collar

HOW TO ORDER WITH CONSTRUCTION TEMPORARY CORES

(See page 17 for Construction Core Program)

Exit Device with Temporary, Lockable SFIC

Quantity	Device	Trim	Cylinder	Key Code	Hand	Finish
50	7150	626F	K645	CT6SL	RHR	626

For permanent core ordered separately, see "Core Only" above.

Rim Cylinder Separately with Temporary, Disposable SFIC

Quantity	Cylinder	Tailpiece	Key Code	Finish
50	K645	KT1	CT6SD	626

For permanent core ordered separately, see "Core Only" above.

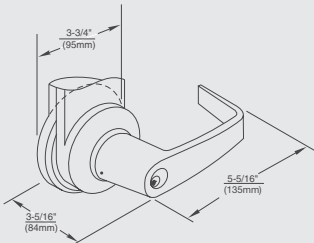
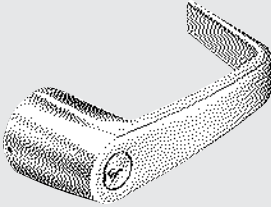
Features & Benefits



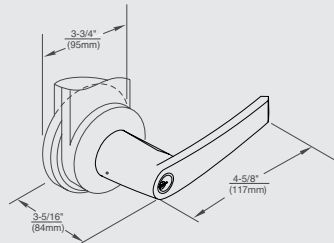
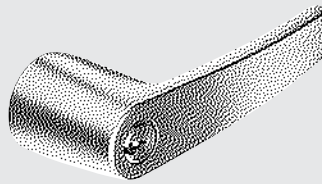
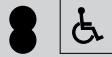
Feature	Benefit
Choice of capacitive touchscreen or tactile pushbutton keypad	Touchscreen responds to human touch, enabling convenient entrance or access to programming menu. Pushbutton keypad option also available for more tactile requirements, such as ADA compliance.
Keyless entry and management	Reduces complexity of key system management
PIN code access	Installations are able to be programmed with up to 500 unique PIN codes and a master code for access to programming.
Modular technology	Allows for upgrade to more advanced security technologies with Data-on-Card and ZigBee/Z-Wave capabilities as requirements change and grow.
Works with cloud-based management software	Single system enables use from anywhere with Internet access from a range of devices, including your computer, smartphone or tablet.
Audit trail	Lifetime audit trail stored within the software to know exactly who has accessed the lock when.
Voice-guided programming in 3 languages	Voice-guided prompts make updates straightforward and effortless in English, Spanish or French.
Three (3) volume modes	Playback can be set for normal, low or silent.
Privacy feature with Door Position Sensor	By holding the interior lock button down for 1.5 seconds, the exterior keypad is temporarily disabled ensuring complete privacy and no additional entry.
Weather resistant gasket seal	Lock is operational even in outdoor settings, in temperatures ranging from -40°F to 140°F (-40°C to 60°C) at 95% relative humidity.
Low battery indicator	Blinking designation signals internal 4 AA alkaline batteries are low.
9V battery power backup feature	With the touch of a 9V battery to the designated area on the front of the lock, your nexTouch can be powered up for one-time entry.
Hardwire power capable	Can be powered externally using remote 9VDC power supply and plug-in wall transformer.
Keypad lockout feature	Deters tampering by disabling the keypad for a default of 180 seconds after five (5) successive failed attempts.

Cylindrical

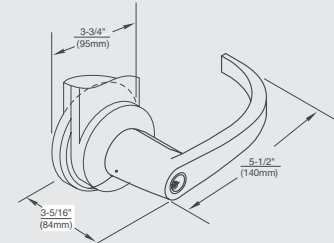
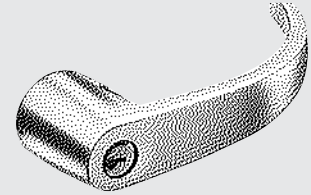
AUGUSTA AU
Lever: Cast Zinc



MONROE MO
Lever: Cast Zinc





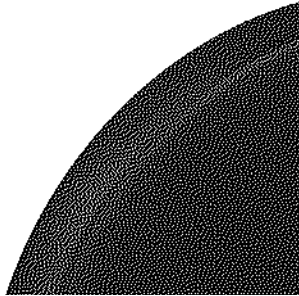
PACIFIC BEACH PB
Lever: Cast Zinc



All levers available with small and large format interchangeable core. See page 11 for details.

Finishes



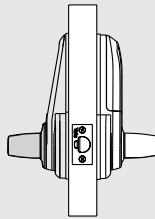
ANSI/BHMA Code Finish Description			
605 Bright Brass, Clear Coated	613E Dark Oxidized Satin Bronze - equivalent	626 Satin Chrome Plated	BSP Black Suede Powder Coat
			

Cylindrical

NTB632 Pushbutton NTB642 Touchscreen

Without Cylinder Override

- For doors that do not require mechanical key override.
- Latchbolt retracted by lever outside with valid PIN code, or by operating lever inside.
- Inside lever always active.
- Deadlocking latchbolt.



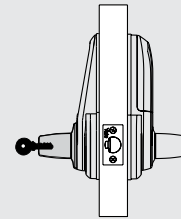
Outside

Inside

NTB612 Pushbutton NTB622 Touchscreen

With Cylinder Override

- For doors that require mechanical key override.
- Latchbolt retracted by lever outside with valid PIN code; by use of mechanical key, or by operating lever inside.
- Inside lever always active.
- Deadlocking latchbolt.

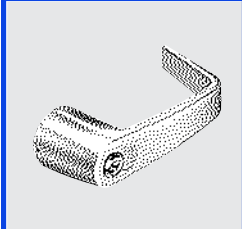


Outside

Inside

Cylindrical (Continued)

Levers Accepting SFIC And Other Manufacturers' Large Format Interchangeable Cores

	Description	Lever Prefix	Number of Pins
	SFIC (Accepts all Small Format Interchangeable Cores)	B (i.e. B-AU, B-MO, B-PB)	6 or 7
	Corbin Russwin (LFIC)*	R (i.e. R-AU)	6
	Medeco®, ASSA® (LFIC)**	M (i.e. M-AU)**	6
	Sargent (LFIC)	SG (i.e. SG-AU, SG-PB)	6
	Schlage® (LFIC)	SI (i.e. SI-AU, SI-PB)	6

*Corbin Russwin LFIC only available with AU lever, 6-pin only.

**Medeco®, ASSA® option available only with AU lever. (Note: For Medeco 32 series cores.)

LFIC = Large Format Interchangeable Core

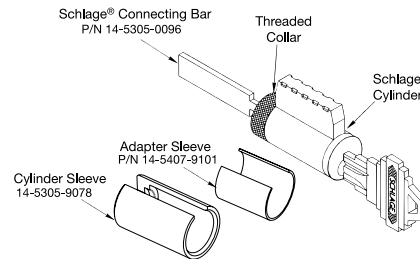
SFIC = Small Format Interchangeable Core

108 Schlage® Cylinder Adapter Kit

Kit used to modify Schlage® cylinder to fit nexTouch™.

P/N 14-5305-0090-048 - 108S

Kit includes tailpiece and sleeve. To order the 108S adapter kit, use an "S" prefix (i.e., S-AU x NTB612).



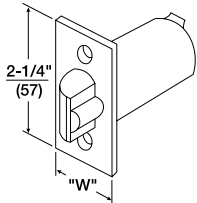
Latchbolts



Cylindrical

Deadlocking Latchbolts

Model No. 694 supplied standard with all nexTouch™ locksets. Model No. 694 latchbolt has a 2-1/4" x 1-1/8" front with a 2-3/4" backset and a 1/2" bolt throw. Optional latchbolts to special order.



Model No.	Front	Backset	"W" Front Width	Throw	Latch Diameter
694 (standard)	Beveled	2-3/4" (70mm)	1-1/8" (29mm)	1/2" (13mm)	1" (25mm)
F694	Flat	2-3/4" (70mm)	1-1/8" (29mm)	1/2" (13mm)	1" (25mm)
480B	Beveled	2-3/4" (70mm)	1-1/8" (29mm)	3/4" (19mm)	1" (25mm)
F480B	Flat	2-3/4" (70mm)	1-1/8" (29mm)	3/4" (19mm)	1" (25mm)
380N*	Flat	2-3/8" (60mm)	1" (25mm)	1/2" (13mm)	3/4" (19mm)

When ordering latchbolts separately, specify Model No. x Finish (e.g., 694 x 626).

*Using 380N latch results in Grade 2 ANSI/BHMA performance of the lock.

Cylindrical

Yale® nexTouch™ locksets are available with a variety of strike options. All strikes are located on the same vertical and horizontal center lines as the latchbolt. Some strikes are available in a variety of lip lengths to accommodate varying thickness of doors and frames. To determine the proper length of the lip, measure from the center line of the strike to the edge of the jamb and add 1/4" (6mm). All strikes are reversible.

Model No. 497 ANSI Strike (Standard)
 For door and frames with ANSI/BHMA A156.115 preparations. 1-1/4" supplied standard. 1-1/8", 1-1/2", and 1-3/4" lip lengths available by special order.

Model No. 371 T-Strike (Optional)
 1-1/4" curved lip supplied standard. 1", 1-1/2", 1-3/4", and 2" curved lip lengths available by special order. Wrought strike box supplied.

Model No. 202 Strike Box for ANSI Strike (Optional)
 Specify 497 x 202

Technology Options

Yale

CYLINDRICAL

Cylindrical

NR	Keypad only, no radio
ZW2	Z-Wave wireless communication

Yale Accentra™ Data-on-Card module available only through Authorized Channel Partners. If you require another module not listed in this catalog, please contact your local ASSA ABLOY Door Security Solutions sales representative.



Z-Wave Module

Features



Features

- Red or Green window display with padlock icon for visual door status
- Cylindrical lock construction for durability and longevity in high use applications
- Patent pending design
- Privacy function (F76A) with push button lock and for automatic unlock when inside lever is pushed down
- One motion for egress
- Coin turn for emergency access
- Through-bolted for robust operation
- Ideal for retrofit
- Lever returns to within 1/2" of door face

Applications

- Office buildings
- Restaurants
- Schools
- Hospitals
- Warehouses
- Airports
- Places of Worship
- Convenience Stores
- Gas Stations
- Travel Centers



Specifications

Door Prep	ANSI/BHMA A156.115
Door Thickness	1-3/4" (44mm) standard, accommodates 1-3/8" (35mm) with adapter plate kit (ordered separately, specify APK-2)
Backset	2-3/4" (70mm) standard, 2-3/8" (60mm) optional
Handing	Non-handed
Latchbolt	Plain, 2-3/4" (70mm) backset x 1-1/8" (29mm) square corner front with 1/2" (13mm) throw standard, 2-3/8" (60mm) x 1" (25mm) optional
Strike	ANSI strike 4-7/8" x 1-1/4" x 1-1/4" (124mm x 32mm x 32mm) lip to center
ANSI/BHMA	2-3/4" Backset: Certified Grade 1, ANSI/BHMA A156.2, Series 4000 2-3/8" Backset: Certified Grade 2, ANSI/BHMA A156.2, Series 4000
UL/cUL	Listed for 3 hour fire doors
Warranty	3 years





How To Order

Trim Design	Function	Finish
AU	YPL02	626

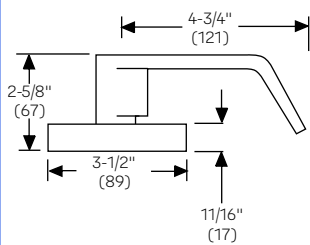
Finishes

ANSI/BHMA Code Finish Description			
605 Bright Brass, Clear Coated	613E Dark Oxidized Satin Bronze - equivalent	626 Satin Chrome Plated	BSP Black Suede Powder Coat
			

Lever Trim

Augusta - AU

Lever: Cast Zinc
Rose: Wrought Brass



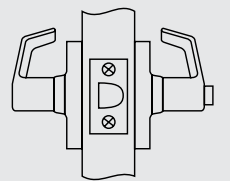


Functions

YPL02 (F76A)

Privacy Lock with Indicator

- Either lever operates latchbolt unless outside lever is locked by pushbutton inside.
- Pushbutton inside changes indicator display status outside.
- Rotating inside lever and/or closing door unlocks outside lever and changes indicator display status outside.
- Coin turn in outside lever for emergency access.
- Inside lever always active.
- Outside lever rigid when in locked position.



Outside

Inside

Indicator Display

YPL02 locks are provided standard with a visual display that shows red with a closed shackle padlock for locked and green with an open shackle padlock for unlocked. The padlock icons are positioned in a manner that allows for the locks to be non-handed.



Other options may be available by special application, contact Customer Service for more information.

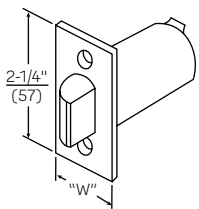
Latchbolts



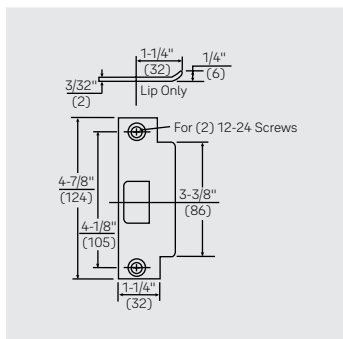
Model No. 693A supplied standard with all YPL02 locksets. Standard latchbolt has a 2-1/4" (57mm) x 1-1/8" (29mm) beveled square front with a 2-3/4" (70mm) backset and a 1/2" (13mm) throw bolt. Optional 2-3/8" latchbolt available to order.

Model	Front	Backset	Throw	"W" Front Width	Latch Diameter
693A	Square	2-3/4" (70mm)	1/2" (13mm)	1-1/8" (29mm)	1" (25mm)
378PL	Square	2-3/8" (60mm)	1/2" (13mm)	1" (25mm)	7/8" (22mm)*

*1/8" sleeve supplied to accommodate 1" preps.

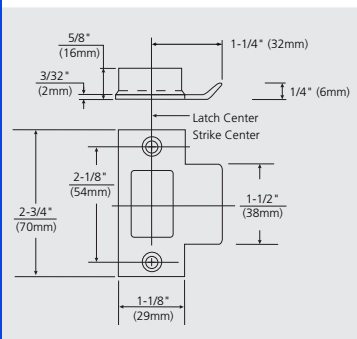


Strikes



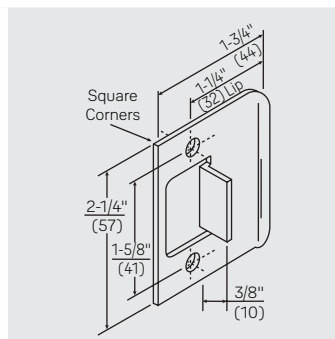
Model No. 497 ANSI Strike (Standard)

For door and frames with ANSI/ BHMA A156.115 preparations 4-7/8" x 1-1/4" x 1-1/4" (124mm x 32mm x 32mm) lip to center supplied standard. Other lip lengths available by special order. Available with optional 202 Strike Box. Specify 497 x 202.



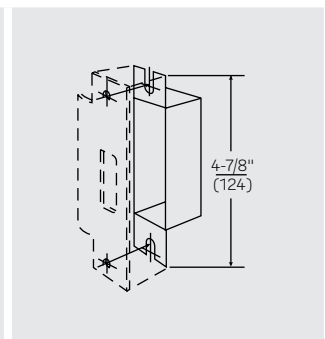
Model No. 371 T-Strike

2-3/4" x 1-1/8" x 1-1/4" (70mm x 29mm x 32mm) lip to center supplied standard. Other lip lengths available by special order. Wrought strike box supplied.



Model No. 70S Full Lip

2-1/4" x 1-3/4" x 1-1/4" (57mm x 44mm x 32mm) lip to center with full lip anti-rattle tab.



Model No. 202 Strike Box

Available to special order. Specify x 202.

Control Exterior Door and Stairwell Access



nexTouch™ Keypad Exit Trim



Technical Specifications

Door Specifications	Retrofits onto many exit device models, see chart above
Door Thickness	1-3/4" (44mm) door thickness standard, 2-1/4" also available
Handing	Field reversible
Cylinder	Accepts conventional, interchangeable core, security and high security cylinders, and other manufacturers' keyway cylinders
Keying	Capable of accepting Yale 6-pin standard, small and large format interchangeable core, security and protected keyway cylinders with master keying capabilities
ANSI/BHMA	Certified ANSI/BHMA A156.3, Grade 1
UL/cUL	Functions are UL - cUL Fire Listed for use on fire doors having a rating up to and including 3-hours
Warranty	3-year electronic and mechanical warranty, 1-year finish warranty
Environmental Specifications	Operating temperature: -40°F to +140°F (-40°C to +60°C) at 95% relative humidity when used with an external power supply
Power Source	Four AA alkaline batteries (included) with optional hardwire input for 9VDC external power; 9V battery power backup
Credentials	Seos™ cards, fobs, and Yale Accentra mobile credentials
Interface	Capacitive touchscreen or pushbutton
Firmware Upgradeability	Locks support on-premise wireless configuration and firmware upgrades



Pushbutton keypad option available



Privacy Button

Compatible with a wide range of exit devices, including competitor models (see chart on page 45)



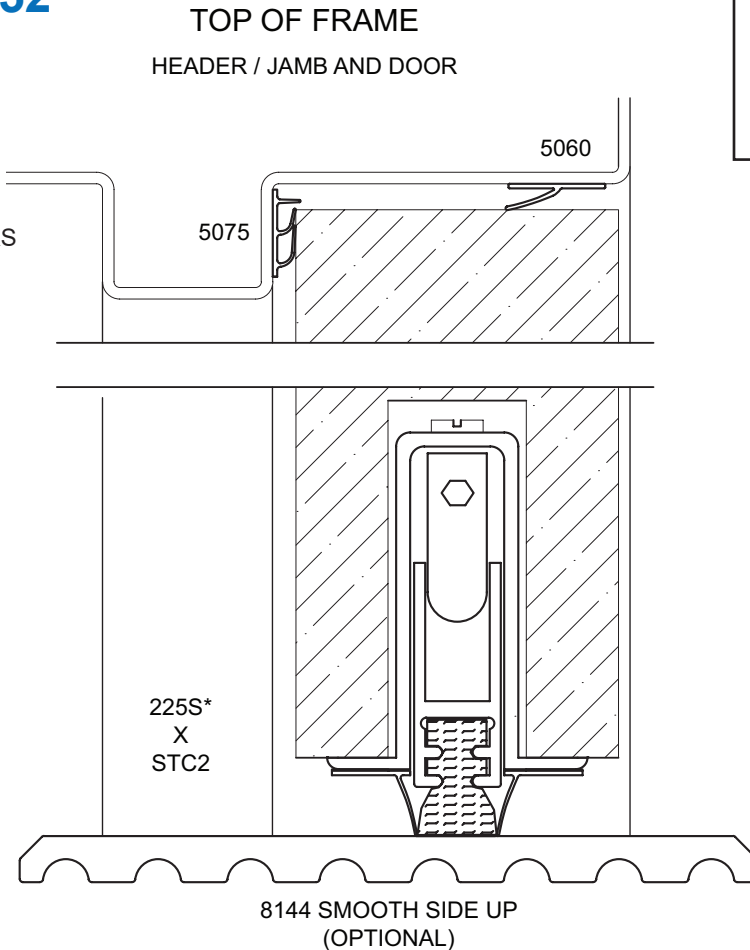
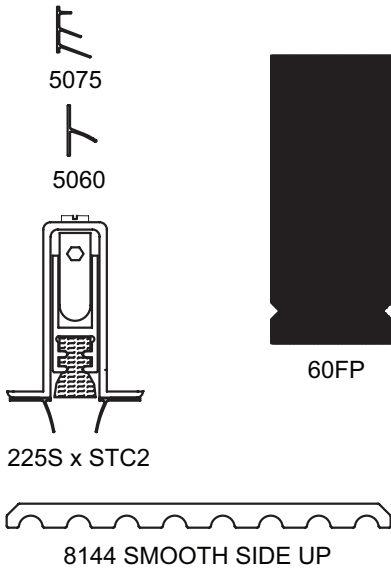
NATIONAL GUARD
PRODUCTS

VT SEAL SYSTEM - W

**NGP STC SEAL SET #5
FOR USE WITH STC 52
AND BELOW**

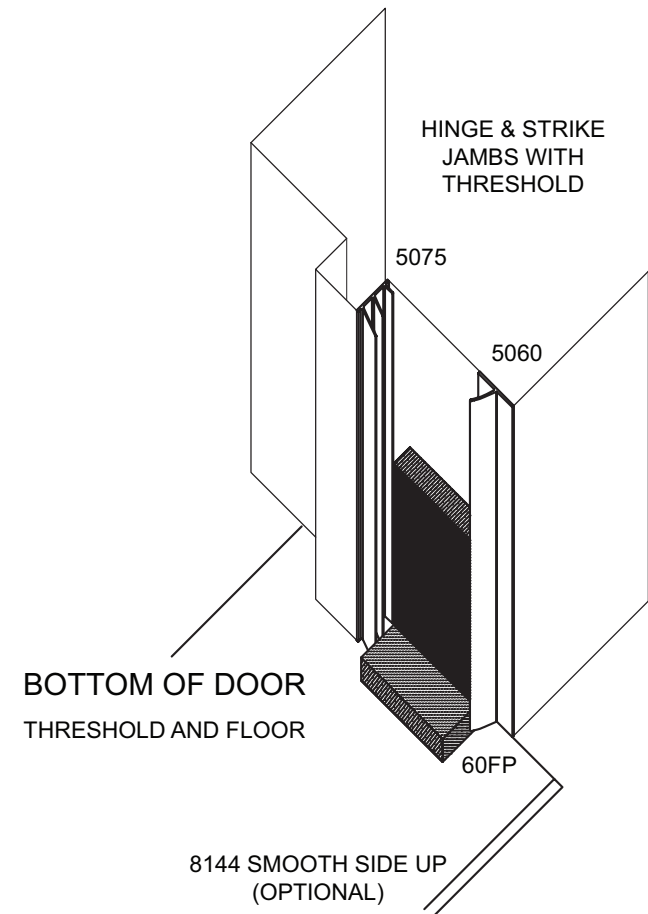
LIST OF MATERIALS

ITEM	LOCATION
5075	JAMBS & HEADER
5060	JAMBS & HEADER
60FP (2 req.)	FRAME, LOWER CORNERS
225S X STC2	DOOR, MORTISE ADB
8144S	THRESHOLD (OPTIONAL)



*For best acoustic results a 1/4" drop is recommended; 3/8" drop maximum

Project:
Submitted by:
Date:
Notes:





VT SEAL SYSTEM - W

Project:
Submitted by:
Date:
Notes:

TPE Triple Fin Smoke Seal

5075

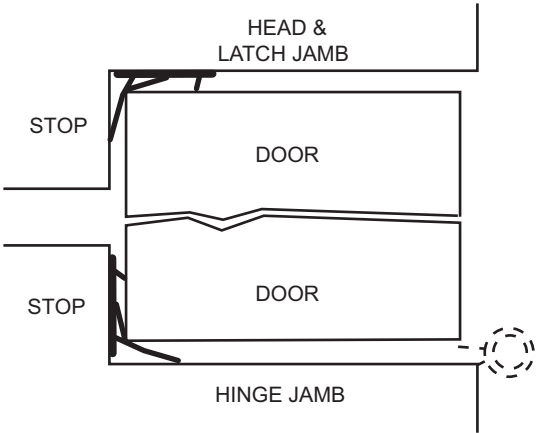
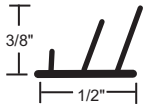


Material
Self-Adhesive Thermo-Plastic Elastomer (TPE)

- Good abrasion resistance
- Moisture resistant
- BHMA certified to ANSI/BHMA A156.22 performance tests for heat, cold, air infiltration and smoke infiltration
- Rigid PVC base with flexible elastomeric fins
- Flame resistant
- Temperature range -60°F to 275°F
- Anti-microbial: treated with an anti-microbial additive to inhibit the growth of microorganisms
- REACH and RoHS compliant
- Modified acrylic pressure sensitive adhesive protected by release liner
- Provides high initial adhesion and long term holding power for permanent mounting in exterior or interior locations
- Resistant to aging, weathering, UV radiation, water, detergent, alcohol and the influence of chemicals
- End use temperature range of adhesive, long term exposure -30°F up to 250°F
- Shelf life of adhesive prior to installation is one year when stored at 75°F and 50% relative humidity or less
- 1/2" wide x 3/8" tall
- Available in 36", 48", 72", 84", 96" and 108" lengths

* Anti-microbial not available in clear

Color
5075B Brown
5075CL Clear





NATIONAL GUARD
PRODUCTS

VT SEAL SYSTEM - W

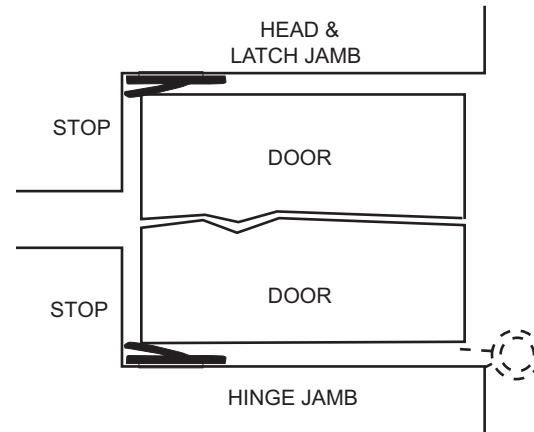
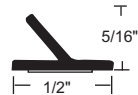
Silicone Fin Smoke Seal 5060



Material

Synthetic rubber polymer: Siloxane
Self-Adhesive Silicone

- Excellent flexibility and memory
- Flame resistant
- Moisture resistant
- Temperature range -100°F to 500°F, remains flexible at extreme temperatures
- Excellent resistance to ozone, UV and aging
- Recommended for areas using FM200 or Halon Fire Suppression Systems
- BHMA Certified to ANSI/BHMA A156.22 performance tests for heat, cold, air infiltration and smoke infiltration
- Modified acrylic pressure sensitive adhesive protected by release liner
- Provides high initial adhesion and long term holding power for permanent mounting in exterior or interior locations
- Resistant to aging, weathering, UV radiation, water, detergent, alcohol and the influence of chemicals
- End use temperature range of adhesive, long term exposure -30°F up to 250°F
- Shelf life of adhesive prior to installation is one year when stored at 75°F and 50% relative humidity or less
- 1/2" wide x 5/16" tall
- Available in 17' and 21' rolls



Project:

Submitted by:

Date:

Notes:

Color

5060B Brown
5060CL Clear





NATIONAL GUARD
PRODUCTS

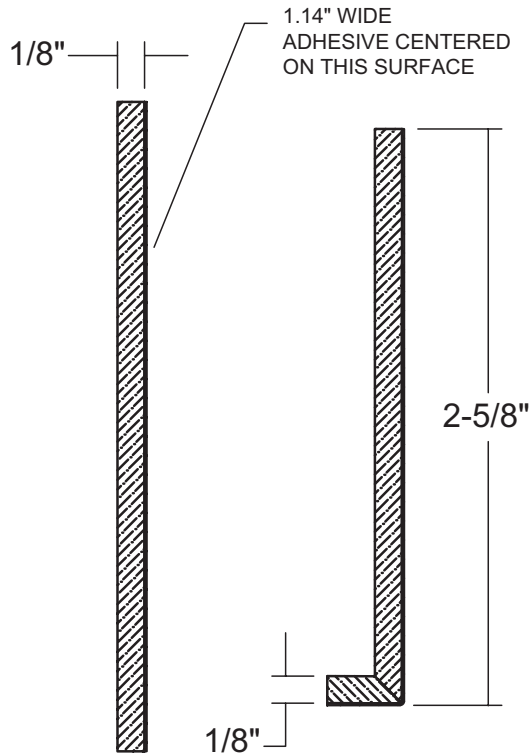
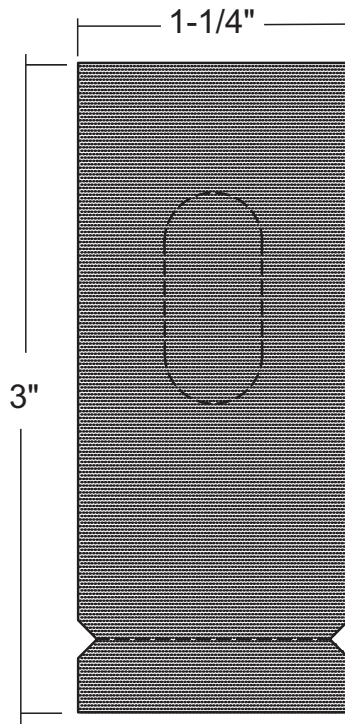
VT SEAL SYSTEM - W

STC Rated Acoustical Foam Pad 60FP

Material
Foam seal self adhesive

- Helps acoustics and seals at corner gap
- Apply to jambs on hinge and strike side

Color
Black

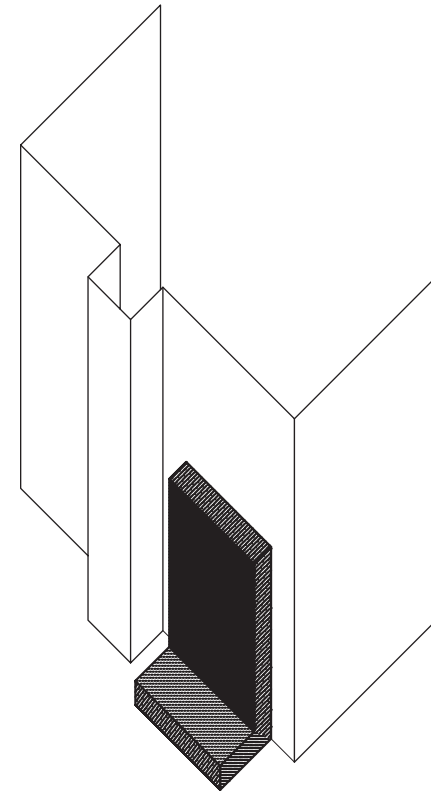


Project:

Submitted by:

Date:

Notes:




Installed View



VT SEAL SYSTEM - W

Mortise Automatic Door Bottom

225S Silicone  STC 52 with STC2 option
STC 45 with STC2-PR option for pairs of doors.



Material
Aluminum alloy 6063, T5 temper
Synthetic rubber polymer: Siloxane closed cell sponge
Silicone is gray

- Excellent flexibility and memory
- Flame resistant
- Moisture resistant
- Temperature range -100°F to 500°F, remains flexible at extreme temperatures
- Excellent resistance to ozone, UV and aging
- Recommended for areas using FM200 or Halon Fire Suppression Systems
- BHMA Certified to ANSI/BHMA A156.22 performance tests for heat, cold, air infiltration and smoke infiltration
- Use with a threshold for maximum sealing capability
- Nylon brush recommended for carpet applications where no threshold is provided
- Specify exact net length required to avoid field sizing
- 36" and longer may be cut up to 4" in the field, under 36" should not be cut in the field, order net length
- End caps furnished standard
- Available 11" net to 60" in length
- Mortise required 3/4" x 1-15/16"
- 1" max drop

Finishes
Mill Aluminum

Options
Lead insert available for radiation shield - specify "lead-lined"



Project:
Submitted by:
Date:
Notes:

