

Institutional Safety Hardware

Accurate Lock & Hardware Co., is a custom architectural hardware manufacturer located in Stamford, Connecticut, serving the residential, commercial and behavioral healthcare markets.

Accurate designs, engineers and manufactures hardware to meet the unique demands of Institutions and Behavioral Healthcare settings. This translates into a special combination of solutions for antiligature¹, ADA compliance and Grade 1 certified requirements.

Accurate's signature product, the Crescent Handle is widely recognized as the gold standard for anti-ligature and ADA compliance because of its innovative design that prevents upward, downward and transverse ligature attachment.

Additionally, Accurate offers other products based on specific settings including deep detent safety knobs, anti-ligature/ADA thumb turns and double lip strikes with keyed emergency stop. For the latest anti-ligature and safety hardware offerings, please call 203-348-8865 or visit <http://antiligature accuratelockandhardware.com>.

All Accurate products are manufactured in the United States, meeting the requirements of the **"Buy American"** provisions included in the **"American Recovery and Reinvestment Act"**.

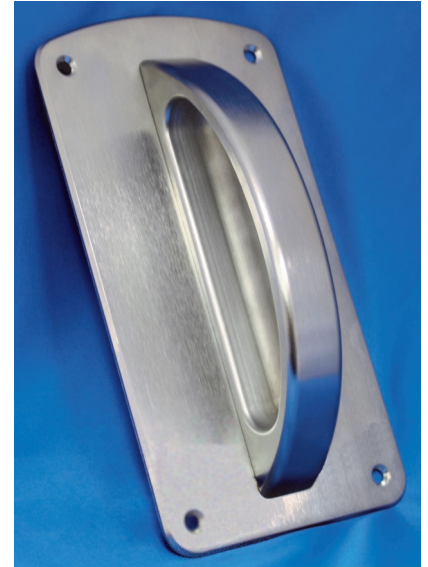
¹ Hardware designed to impede tying or looping to prevent patient opportunity for self harm. Another common term used is "ligature-resistant" which would endure most but not all tying/looping scenarios.

Crescent Pull (CP) Rigid Handle

The ultimate solution for Anti-Ligature and ADA compliance

- Advanced Anti-Ligature quality where form meets function
- Meets ADA requirements: “no pinch and grasp”
- 2 1/8” projection for ease of use
- Lightweight, solid brass construction designed with institutional strength and durability

[Patent Pending]



CP-S



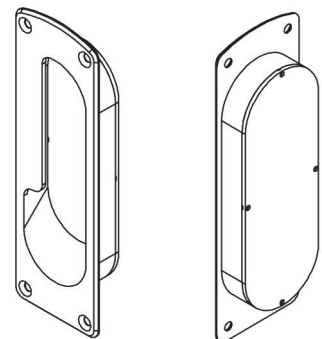
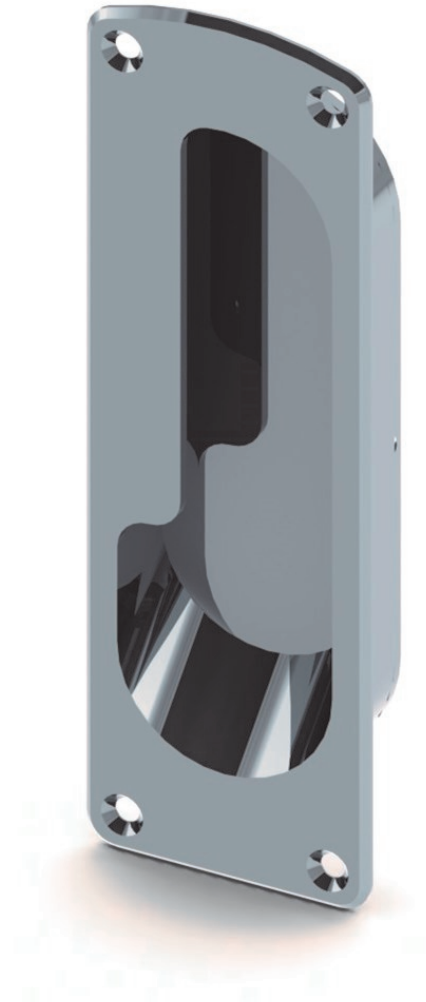
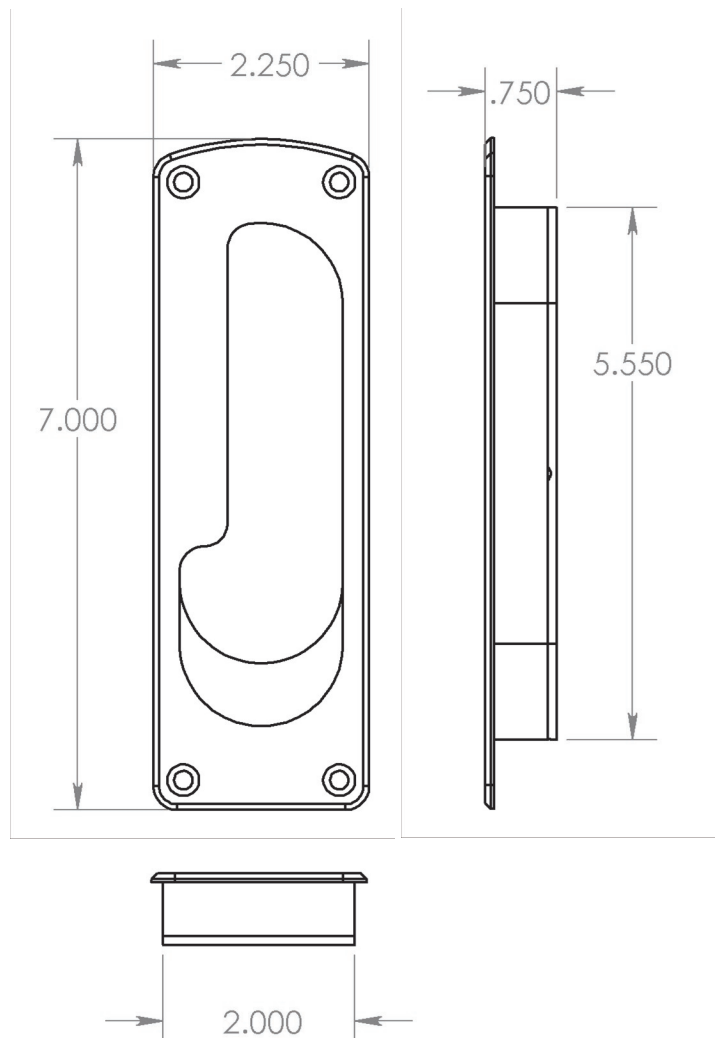
CP-C

- Solid stainless steel back plate, available in two sizes:
 - “Small”, 8 5/16” tall (CP-S) or
 - “Large”, 12 3/4” tallWith cylinder cutout (CP-C¹)
Blank (CP-B)
- CP-S and CP-B available with a narrow plate for use on narrow stile doors
- Easy installation: can be surface mounted or thru bolted
- Finish: 626 (Crescent) / 630 (Back plate) standard
Other architectural finishes upon request
- Optional anti-microbial coating (specify AM)
- Furnished with Torx security screws

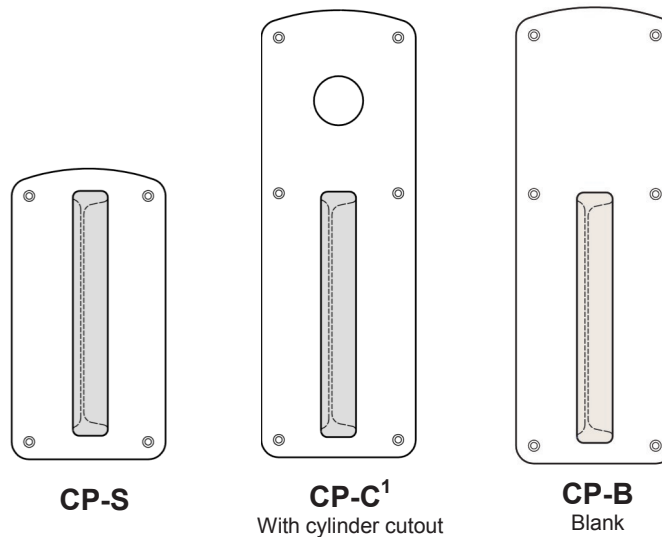
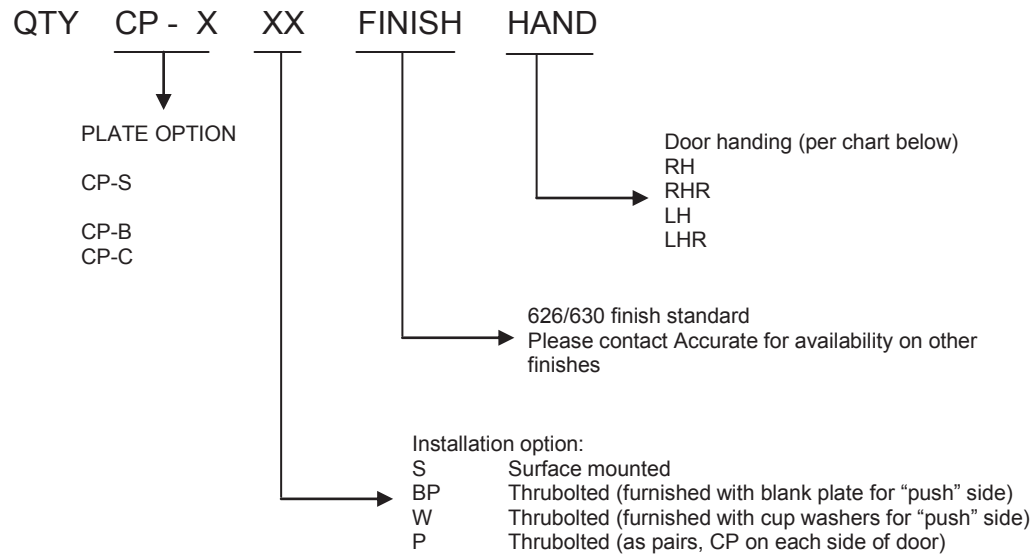
¹ Center of cylinder cutout to center of handle pivot is 3 5/8” standard

Anti-Ligature Flush Pull (FE7001AL)

- Premium flush pulls with beveled cup to prevent ligature points
- Ergonomic flange for easy grip
- Ideal for use on “wicket” doors, closet doors, cabinet doors
- 626/630 finish standard-Other architectural finishes upon request

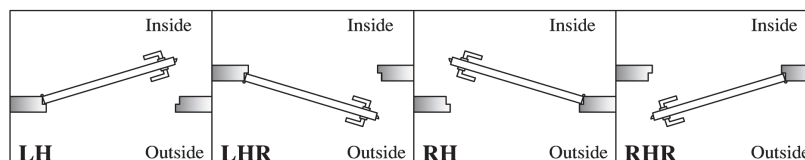


Ordering instructions



¹ Center of cylinder cutout to center of handle pivot is 3 5/8" standard

Door handing chart:



Crescent Handle (CH)

The ultimate solution for Anti-Ligature and ADA compliance

[Patent Pending]



CH-S



CH-T

- Advanced Anti-Ligature quality where form meets function
- Meets ADA requirements: “no pinch and grasp”
- 2 1/8” projection for ease of use
- Lightweight, solid brass construction designed with institutional strength and durability
- Solid stainless steel back plate, available in different sizes and options based on desired functionality
- Easy installation
- For use with:
 - ◆ Mortise locks
Furnished as a complete set with Accurate’s 9100 UL Listed 3-hour mortise locks
Or
Modified to work with other manufacturer’s mortise locks—
Call for details
 - ◆ Tubular latches
 - ◆ Cylindrical locks
- Finish: 626 (Crescent) / 630 (Back plate) standard - Other architectural finishes upon request
- Optional anti-microbial coating (specify AM)
- Furnished with Torx security screws

CH Crescent Handle Mortise Locksets

- Furnished with 9100 series mortise locks:
 - UL Listed 3 Hour (R13846)
 - Grade 1 certified to ANSI/BHMA A156.13.2005 standard—exceeding 5 million cycles at independent third party test facility
 - 2 3/4" backset standard when specified for use with Crescent Handles (3 3/4", 5", and 6" backsets upon request)
 - Optional BEVELED LATCH (BL) feature for added antiligature protection—see below for details
 - Standard and specialty mortise functions, including state-of-the-art INSTITUTIONAL PRIVACY
 - Electrified version offered in fail safe and fail secure
 - Security monitoring options offered in electrified and storeroom function locks
 - Supplied with Torx Security screws
 - Can be used with any standard mortise cylinders (by others) - verify cam required
- 626 / 630 finish standard—other architectural finishes upon request
- For 1 3/4" thick doors unless specified

BEVELED LATCH (BL)

Optional BL beveled latch can be specified with all* Accurate's 9100 mortise locks for enhanced anti-ligature capabilities in institutional applications

- Latch bevel on top and bottom diminishes ligature points
- Latch releases upon downward or upward pressure from foreign objects (bed sheet or similar) jammed between door and frame while door is closed
- Prevents the use of the latch bolt as an anchor point when door is open
- * *On functions that typically include a dead latch, locks are furnished without the dead latch for applications where anti-ligature safety prevails over security. If the deadlatch is required, please specify "BLD"*



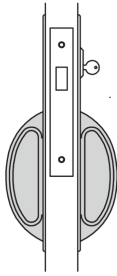
CH 9143
Institutional Privacy



CH Crescent Handle Mortise Locksets

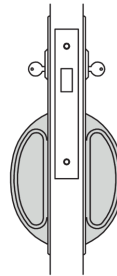


Functions



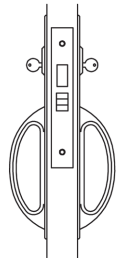
9101 Deadlock (F18)

Dead bolt by key outside
No inside operation



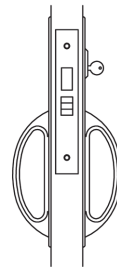
9102 Deadlock (F16)

Dead bolt by key either side



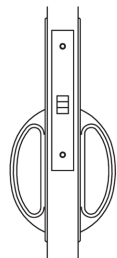
9122 Store Door Lock (F14)

Latch bolt by handle either side unless
dead bolt is thrown in which case
outside handle becomes rigid
Inside handle won't retract deadbolt
when projected*
Dead bolt by key either side
** Verify code compliance before
specifying this function*



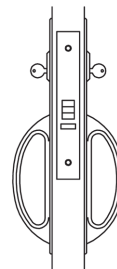
9124 Dormitory, Entry or Storeroom Lock (F13)

Latch bolt by handle either side unless dead
bolt is thrown in which case outside handle
becomes rigid
A turn of inside handle retracts latch and
dead bolt simultaneously, automatically
unlocking outside handle
Dead bolt by key outside or turn piece
inside*
**Turn piece not recommended as it could
present a barricade issue*



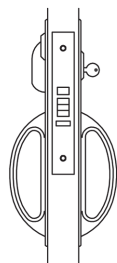
9125 Passage and Closet Latch (F01)

Latch bolt by handle either side



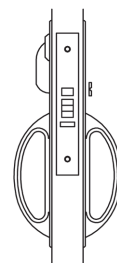
9142 Entrance or public restroom Lock (F09)

Latch bolt by handle either side unless
outside handle is locked by Master Key from
inside
When outside handle is locked, latch bolt by
key outside and handle inside
Auxiliary latch deadlocks latch bolt



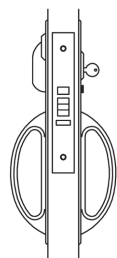
9143 Institutional Privacy

Latch bolt by handle either side unless
outside handle is locked by thumb turn
Thumb turn locks or unlocks outside
handle
Key locks or unlocks outside handle
Key retracts latch as an independent
function of the thumb turn to allow
retraction if thumb turn is forcibly held
in locked position
Auxiliary latch deadlocks latch bolt
Outside handle unlocks when inside
handle is turned or door closes



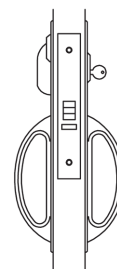
9143E Institutional Privacy—Emergency Release

Latch bolt by handle either side unless
outside handle is locked by thumb turn
Thumb turn locks or unlocks outside handle
Emergency release locks or unlocks outside
handle
Auxiliary latch deadlocks latch bolt
Outside handle unlocks when inside handle
is turned or door closes



9143i Institutional Privacy with Occupancy Indicator

Same operation as 9143 Institutional
Privacy except outside plate has an
occupancy indicator



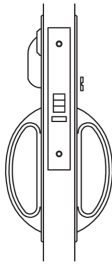
9144 Institutional Privacy

Latch bolt by handle either side unless
outside handle is locked by thumb turn
Thumb turn locks or unlocks outside handle
Key locks or unlocks outside handle
Key retracts latch as an independent
function of the thumb turn to allow retraction
if thumb turn is forcibly held in locked
position
Auxiliary latch deadlocks latch bolt
Outside handle unlocks when inside handle
is turned (closing door will not unlock outside
handle).

CH Crescent Handle Mortise Locksets

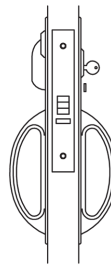


Functions



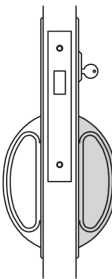
9144E Institutional Privacy— Emergency Release

Latch bolt by handle either side unless outside handle is locked by thumb turn
Thumb turn locks or unlocks outside handle
Emergency release locks or unlocks outside handle
Auxiliary latch deadlocks latch bolt
Outside handle unlocks when inside handle is turned (closing door will not unlock outside handle)



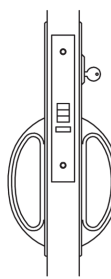
9144i Institutional Privacy with Occupancy Indicator

Same operation as 9144
Institutional Privacy except outside plate has an occupancy indicator



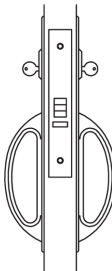
9145D Classroom Deadlock

Deadbolt by key outside
Inside handle will retract deadbolt



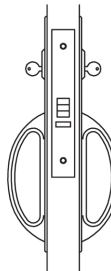
9145 Classroom Lock

Latch bolt by key outside and handle either side unless outside handle is locked by key
Auxiliary latch deadlocks latch bolt



9145S Classroom Security Lock

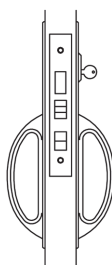
Latch bolt by handle either side unless outside handle is locked by key outside or inside
When locked, latch bolt retracted by key inside or outside or handle inside.
Inside handle is always free
Auxiliary latch deadlocks latch bolt



9146 Classroom Double Locking

Latch bolt by key from either side
Key from either side locks and unlocks outside AND inside* handles
Auxiliary latch deadlocks latch bolt

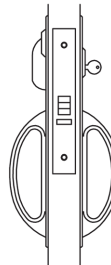
** Verify code compliance before specifying this function*



9148 Entrance or Apartment Lock (F12)

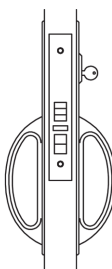
Latch bolt by key outside and handle either side unless outside handle is locked by toggle action stop
Dead bolt by key outside and turn piece inside*
Turning inside handle retracts latch and dead bolt simultaneously

**Turn piece not recommended as it could present a barricade issue*



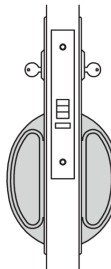
9153 Entrance or Office Lock (F04)

Latch bolt by key outside and handle either side unless outside handle is locked by thumb turn or key
Key or thumb turn locks or unlocks outside handle
Auxiliary latch deadlocks latch bolt



9156 Entrance or Office Lock (F04)

Latch bolt by key outside and handle either side unless outside handle is locked by toggle-action stop
Auxiliary latch deadlocks latch bolt



9158 Institution or Asylum Lock (F30)

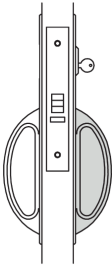
Latch by key either side
Inside* and Outside handle always RIGID
Auxiliary latch deadlocks latch bolt

**Verify code compliance before specifying this function*

CH Crescent Handle Mortise Locksets

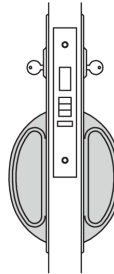


Functions



9159 Storeroom or Closet Lock (F07)

Latch by handle inside and key outside
Outside handle always RIGID
Auxiliary latch deadlocks latch bolt

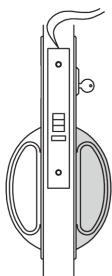


9160 Asylum with Deadbolt

Latch by key either side
Deadbolt by key either side (key projects deadbolt and retracts latch bolt and deadbolt)
Inside* and Outside handle always RIGID
Auxiliary latch deadlocks latch bolt

**Verify code compliance before using this function*

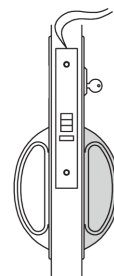
Electrified Functions



9159EL Electrified lock x FAIL SAFE

- 12V or 24V (please specify)
- Optional monitor functions available (AE, LM, SM)

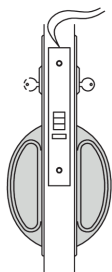
Latch by key outside
Continuous duty solenoid: outside trim is locked when power is applied and unlocked when power is removed
Lockset will unlock in the event of power failure
Inside handle always free
Auxiliary latch deadlocks latch bolt



9159EU Electrified lock x FAIL SECURE

- 12V or 24V (please specify)
- Optional monitor functions available (specify AE, LM, SM)

Latch by key outside
Continuous duty solenoid: Outside trim is unlocked when power is applied and locked when power is removed
Lockset will lock in the event of a power failure
Inside trim always free
Auxiliary latch dead locks latch bolt

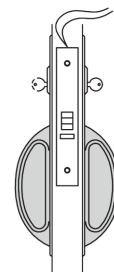


9158EL Electrified lock x FAIL SAFE

- 12V or 24V (please specify)
- Optional monitor functions available (AE, LM, SM)

Latch by key inside or outside
Continuous duty solenoid: inside and outside trim locked when power is applied and unlocked when power is removed
Lockset will unlock in the event of power failure
Auxiliary latch deadlocks latch bolt

**Verify code compliance before specifying this function*



9158EU Electrified lock x FAIL SECURE

- 12V or 24V (please specify)
- Optional monitor functions available (specify AE, LM, SM)

Latch by key inside or outside
Continuous duty solenoid: inside and outside trim unlocked when power is applied and locked when power is removed
Lockset will lock in the event of a power failure
Auxiliary latch dead locks latch bolt

**Verify code compliance before specifying this function*

Monitor options

(AE) Authorized Egress (request to exit)

One switch monitors the activity of the INSIDE trim.

(LM) Latch Bolt Monitor

One switch monitors the latch bolt via the auxiliary latch.
The auxiliary latch is generally a reliable indicator of the latch status but does not guarantee its position.

(LB) Locking Bar Monitor

One switch monitors the status of the solenoid/locking bar to indicate whether outside handle is locked

(SM) Security Monitoring

One switch monitors in series the latch bolt (via the auxiliary latch) and locking bar

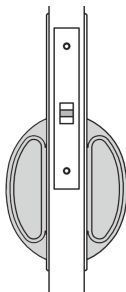
(SM2) Security Monitoring

Two switches, not in series, monitor the latch bolt (via the auxiliary latch) and locking bar

CH Crescent Handle Mortise Locksets

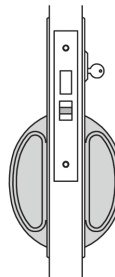


Roller Latch Functions



9125 Passage and Closet roller latch

For use with Crescent Pulls on both sides or on Push / Pull applications (Crescent Pull one side and blank plate other side)



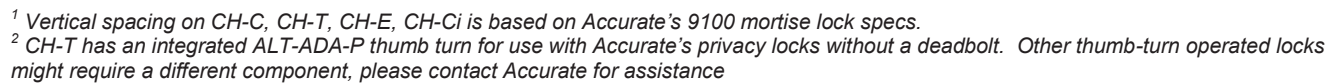
9124RL Privacy roller latch

For use with Crescent Pulls on both sides or on Push / Pull applications (Crescent Pull one side and blank plate other side)

Dead bolt by key outside

Accurate
Lock and Hardware

QTY	XXXX	XXXX	FUNCTION	[BL]	FINISH	HAND
	OUTSIDE TRIM (depends on function)	INSIDE TRIM (depends on function)				Door handing (per chart below) RH RHR LH LHR
	CH-S CP-S (rigid)	CH-S CP-S (rigid)				
	CH-C CH-E CH-Ci CH-B CP-C (rigid)	CH-C CH-T CH-B CP-C (rigid) CP-B (rigid)			626/630 finish standard Please contact Accurate for availability on other finishes	
					Optional beveled latch for added antiligature protection (specify BL) Functions that normally have an auxiliary deadlatch will be furnished without it (safety over security). If the deadlatch is required, please specify BLD	
					Please refer to 9100 mortise functions for description on available functions. On the 9124 and 9148, the use of a thumb turn is not recommended; however, if required, please specify ALT-ADA-D after the function number: inside Crescent plate will then be supplied in the small size (CH-S) <i>Other manufacturer's mortise locks could be specified (furnished by others) - please contact Accurate to verify compatibility</i>	



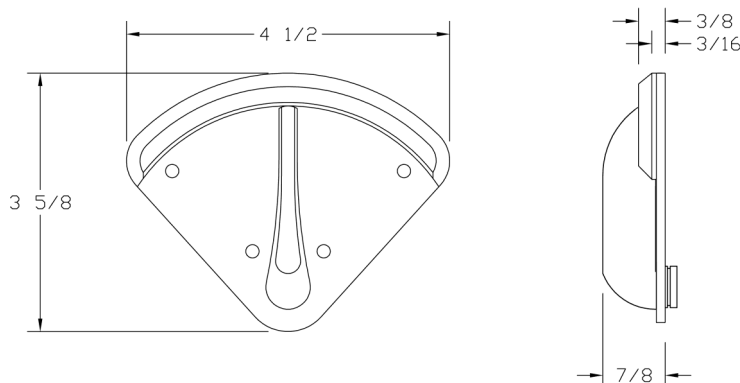
ALT-ADA Thumb Turn

The ultimate solution for Anti-Ligature
and ADA compliance

Patent Pending

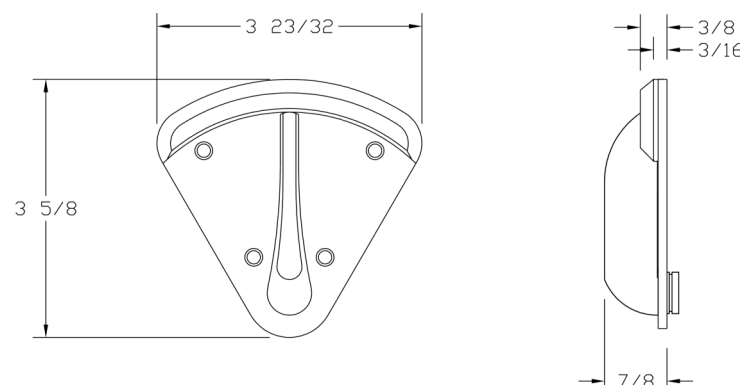
- Advanced Anti-Ligature quality where form meets function
- Enhanced ADA compliant features
- For use with most mortise locks¹

ALT-ADA-D



ALT-ADA-P

(For use with ACCURATE Institutional privacy locks)



MADE IN
USA

Sample specification:

ALT-ADA-P x
(manufacturer & function number)
ACCURATE 9144 x
(finish) US32D x
door thickness

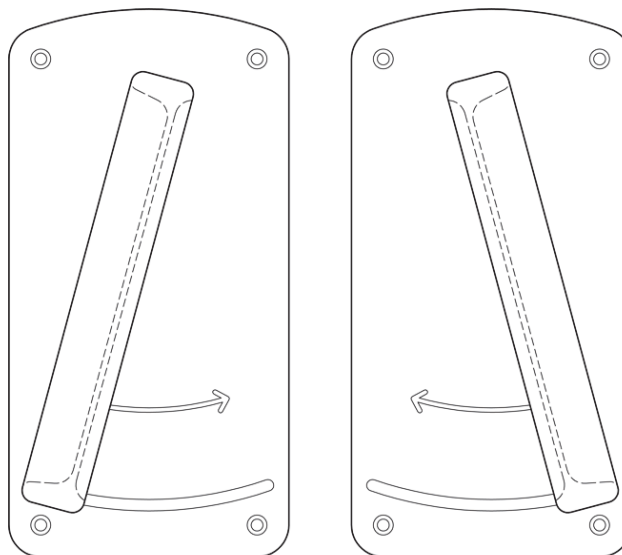
¹ Please consult with our Sales Engineers to choose the appropriate ALT-ADA thumb turn based on your particular application

CH-TUB Crescent Handle Tubular Latchsets

- For use on tubular (ANSI 161) door preparations
- Ideal to retrofit existing cylindrical locks with passage function Crescent tubular latches
- Advanced Anti-Ligature qualities
- Meets ADA requirements: “no pinch and grasp”
- Lightweight, solid brass construction ergonomically designed for enhanced accessibility, with institutional strength and durability
- Easy installation
- 2 3/4” backset
- Supplied with Torx Security screws
- 626 / 630 finish standard—other architectural finishes upon request
- For 1 3/4” thick doors unless specified
- To order, please specify as:
CH-TUB x FINISH



MADE IN
USA



CH-CYL Crescent Handle Cylindrical Locksets

- For use on cylindrical (ANSI 161) door preparations
- Furnished with Grade 1, UL listed cylindrical lock (less cylinders) in popular ANSI functions (Storeroom, Classroom, Entry, Passage, etc.)¹
- Existing keying system remains intact²
- Advanced Anti-Ligature qualities
- Meets ADA requirements: “no pinch and grasp”
- Lightweight, well balanced, solid brass construction ergonomically designed for enhanced accessibility, with institutional strength and durability
- 2 3/4” backset standard, other backsets available upon request
- Supplied with Torx Security screws
- 626 / 630 finish standard—other architectural finishes upon request
- For 1 3/4” thick doors unless specified
- To order, please specify as: CH-CYL x FUNCTION x FINISH



MADE IN
USA



¹ Other functions available—please call Accurate for details

² The handles are machined specifically for the cylinder that will be used. A sample cylinder must accompany every CH-CYL order. Most cylinders can be accommodated; however, there are certain limitations. Please call Accurate for details.

MLSK Mortise Lock Safety Knob

- Designed to increase safety by limiting ability for attachment of cords and strings
- Robust construction-fabricated from solid brass material
- Deep detents maximize capacity to “turn” and “pull” without compromising safety, fit to fingertips, facilitate ease of use
- Available for retrofit of existing mortise locks and tubular latches with knobs on both sides or for use with existing lever or knob on one side
- Can be furnished as a complete set with the Accurate Grade 1, UL listed 3 hour Fire Rated mortise lock



MADE IN
USA