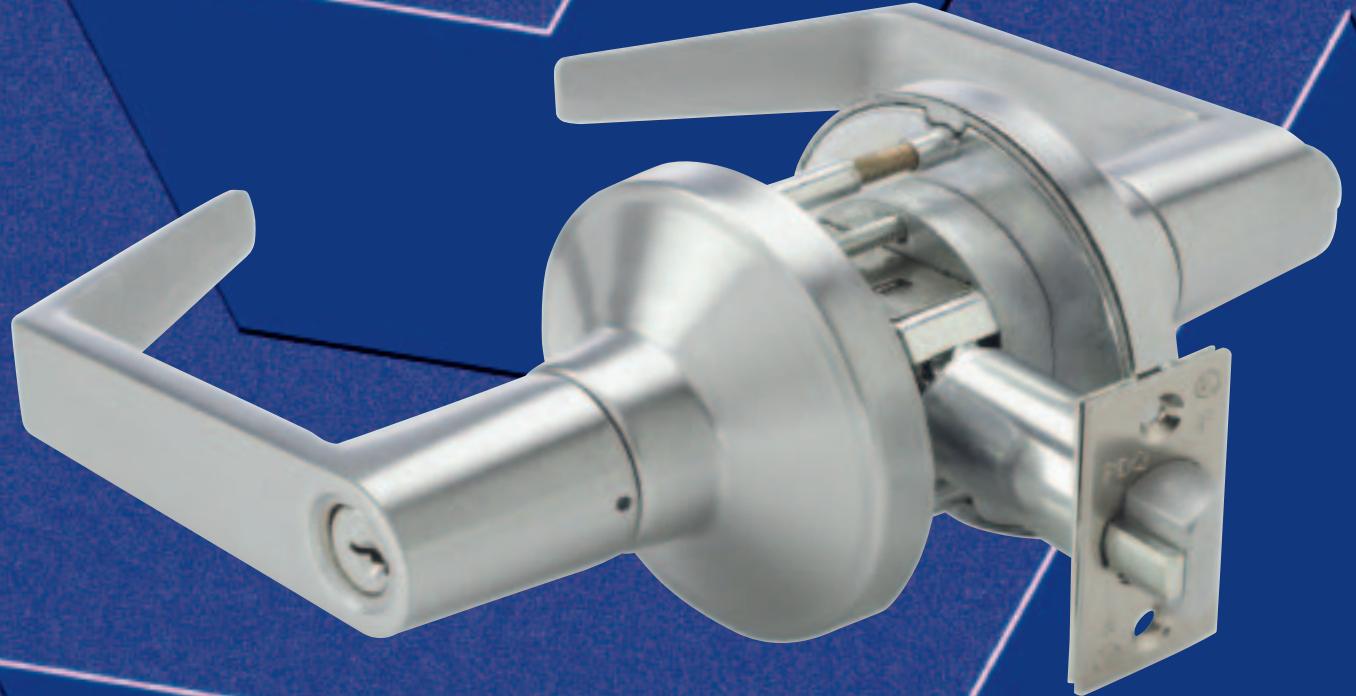


GT Series

Spirit Locks



GT SERIES SPIRIT EXTRA HEAVY DUTY GRADE 1 SERIES

SUGGESTED ARCHITECTURAL SPECIFICATIONS

The GT series SPIRIT from PDQ Industries, Inc. Leola, Pennsylvania, is assembled in the USA, and meets the requirements of the Buy American Act. It features a twenty-five year manufacturer's limited warranty and is certified to ANSI A156.2, Series 4000, Grade 1. The GT has been listed as a Windstorm Resistant Product - ANSI A250.13-2003, ASTM E1886-02, ASTM E330-02. Outswing: 350 ft-lbs., Inswing: N/R, Design Load Rating: 1485lbf. Locksets and is listed by UL / ULC for ratings of "A" label (3 hours) and less, UL10C / UBC 7-2 (1997) positive pressure, for single doors up to 4'0" x 8'0". The levers are solid cast with no plastic inserts and have a

minimum 5-1/2" overall length. The supportive springs are located outside the chassis and deliver power totally independent of chassis or latch unit. The 9/16" throw latch requires only 41° rotation of levers for full retraction. The mounting uses a unique design that incorporates concealed fasteners with through-the-door through-bolt attachment outside the 2-1/8" door prep. This prevents abusive stress from reaching the chassis and instead transmits it to the door. The GT series features 2100 in lbs. of torque resistance. The GT has been tested to more than 2 Million cycles (more than 2-1/2 times the BHMA Grade 1 requirement) with virtually no lever sag.

AN EVOLUTIONARY WAY TO SOLVE EXTREME ABUSIVE DOOR SITUATIONS

- No lever sag, ever • 41 degree rotation

SPECIFICATIONS—GT SERIES

FOR DOORS:	1-3/4" to 2-1/4" thick. Factory adjusted for 1-3/4".
DOOR PREP:	Fits standard 161 door prep. Through-door thru-bolting.
BACKSET:	2-3/4" only. Deadlocking.
CASE:	Heavy duty zinc diecast, investment cast and chromated cold rolled steel mechanism. Billet steel spindles on locking side for added strength. Stainless steel or wrought brass. 2-1/4" x 1-1/8". Beveled 1/8" on 2".
FRONT:	4-7/8" x 1-1/4" (ASA). "T" or "FL" Strike optional.
ROSE:	Stainless steel or wrought brass. 2-1/4" x 1-1/8". Beveled 1/8" on 2".
STRIKE:	3-3/8" diameter.
LATCHBOLT:	4-7/8" x 1-1/4" (ASA). "T" or "FL" Strike optional.
HAND:	Stainless steel or wrought brass.
TRIM:	9/16" Throw. Adjustable front for flat or beveled doors.
KEYS:	Non-handed.
KEYWAYS:	PHL, BSN or MIA levers are solid zinc diecast. 41° lever rotation.
INTERCHANGEABLE CORE:	Wrought brass roses. Concealed screws.
CYLINDER:	Two (2) change keys per lock.
KEYING:	Available in keyways of most major manufacturers.
FINISHES:	Available for all keyed functions / 6 or 7-pin / Compatible with Best, Falcon and Arrow / Large Format IC Core available. Check with factory
CERTIFICATIONS:	Brass 6-pin cylinder keyed to 5 pins.
	Can be MK, CMK, GMK. Available Zero Bitted (K0), Keyed Different (KD), Keyed Alike (KA). Can be keyed into existing masterkey systems of other manufacturers.
	605 (US3), 606 (US4), 612 (US10), 613 (US10B), 625 (US26), 626 (US26D) *Other finishes available via special order
	► BHMA Certified Product
	ANSI/BHMA A156.2-1996, Series 4000, Grade 1.
	Windstorm Resistant Product Listed - ANSI A250.13-2003,
	ASTM E1886-02, ASTM E330-02, Outswing: 350 ft-lbs.,
	Inswing: N/R, Design Load Rating: 1485 lbf.
	BHMA CERTIFIED
	► Meets all accessibility requirements of the ADA.
	► U.L./U.L.C. Listed for "A" label (3 hour) single swing doors (4'0" x 8'0").
	► Exceeds 2100 in. lbs. of torque resistance.
	► ITS Tested.
WARRANTY:	Twenty-five-year limited warranty.
COUNTRY OF ORIGIN:	Assembled in the USA with U.S. and foreign materials and meets the requirements of the Buy American Act.

LEVER STYLES

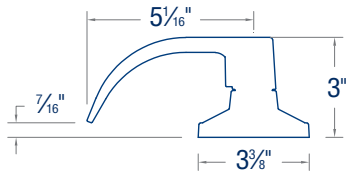


GT SERIES SPIRIT PHILADELPHIA (PHL) LEVER

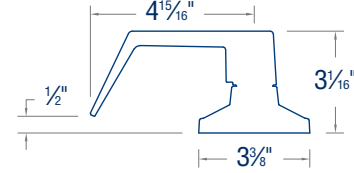


BORED LOCKS

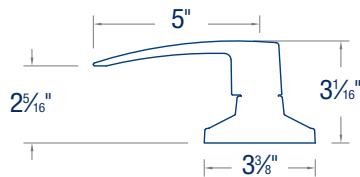
GT BSN



GT PHL



GT MIA



CYLINDERS FOR SPIRIT GT SERIES

PDQ cylinders and plugs are designed to interface with the keyways of most major lock manufacturers. Insert cylinders are designed to accept 6 pins and are combined for 5 pins. These cylinders are shipped with two keys. Interchangeable core cylinders are available combined or uncombined for 6 and 7 pins and must be specified when ordering. Available in two finishes—606 (US4) and 626 (US26D); specify when ordering separately.

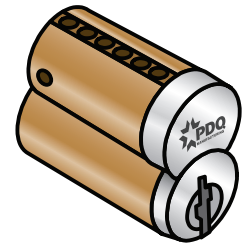
PDQ High Security cylinders are available in a number of formats, including a standard, KIK (Key In Knob or lever) cylinder used in most PDQ cylindrical locks. Check with factory regarding PDQ UL 437 cylinders featuring 11 hardened drill plates.



Spirit Series standard insert cylinder for 1-3/8" to 1-3/4" doors



Spirit Series Interchangeable core cylinder (Small Format)
Available in both standard and high security



Large Format Interchangeable core
Available in high security and UL 437

GT STRIKES

All PDQ series strikes are reversible and shipped with screws. Specify required strike when ordering.

"T" Strike Square Corners*

1-1/8" x 2-3/4" x 3/32"



"ASA" Strike*

1-1/4" x 4-7/8" x 3/32"

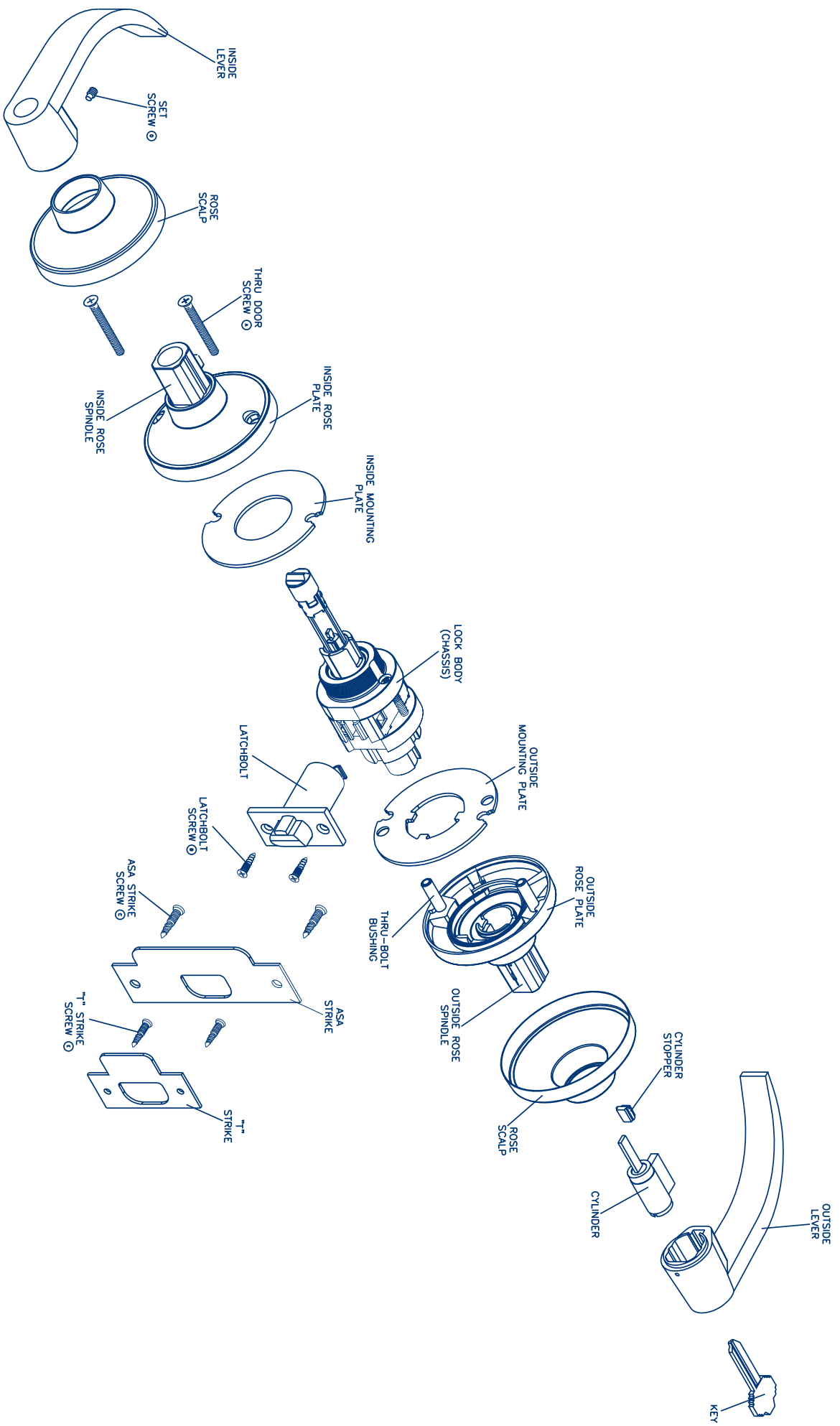


"Full Lip" Strike*






















1-5/8" x 2-1/4" x 3/32"

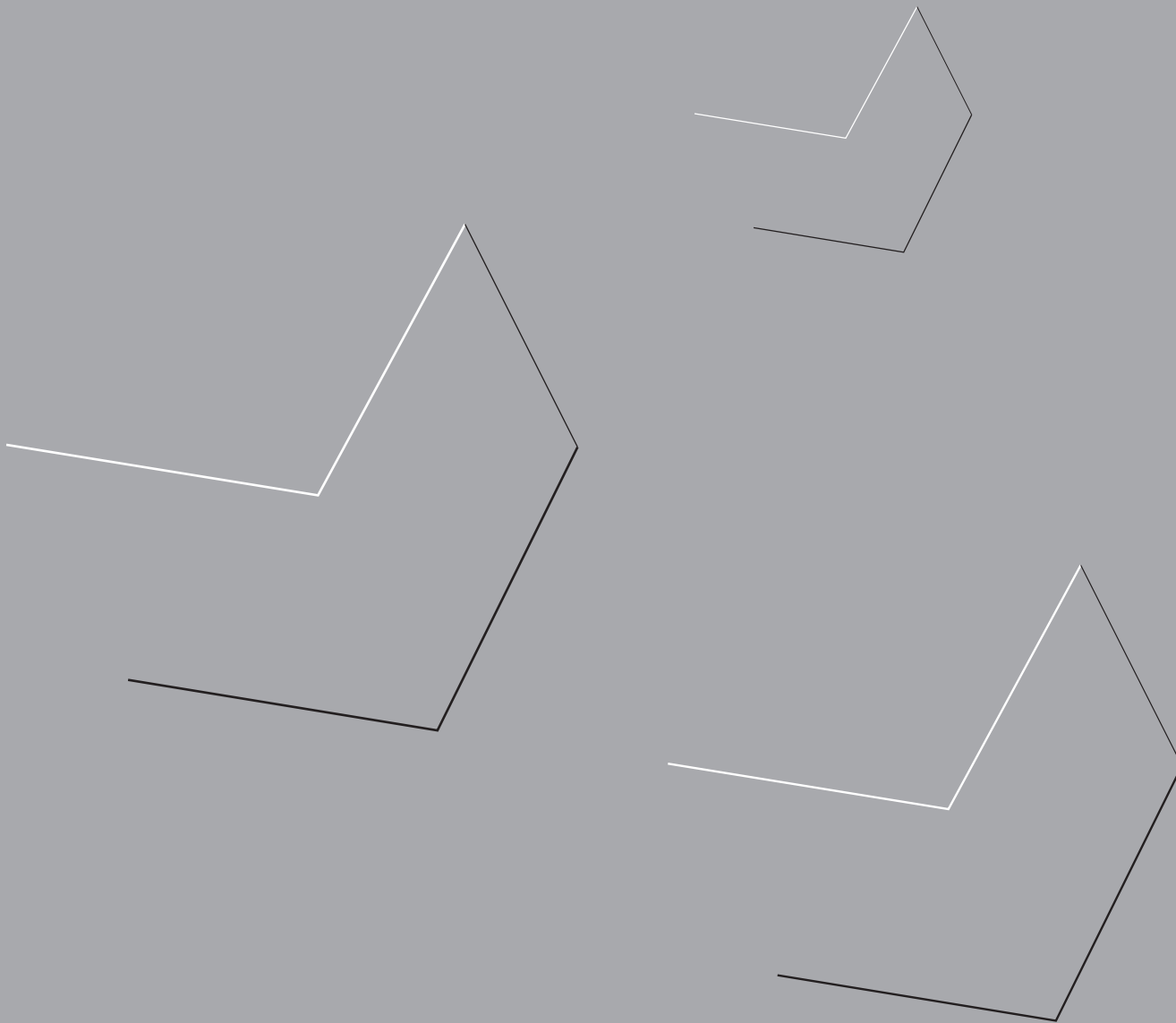


EXPLODED VIEW OF GT SERIES LOCK



GT SERIES SPIRIT EXTRA HEAVY DUTY GRADE 1 FUNCTION CHART

FUNCTION	FUNCTION NO.	INSIDE	OUTSIDE	FUNCTION DESCRIPTION	ANSI NO.
Entrance	GT 116			<ul style="list-style-type: none"> Latchbolt operated by lever from either side or key in outside lever Outside lever locked by push/turn button on inside When outside lever is locked by push button on inside – key from outside, or rotating inside lever unlocks outside lever When outside lever is locked by pushing and turning button on the inside, key from outside or rotating inside lever retracts latch but does not unlock outside lever 	F81
Store Room	GT 115			<ul style="list-style-type: none"> Latchbolt operated by inside lever or key in outside lever Outside lever always fixed 	F86
Class Room	GT 148			<ul style="list-style-type: none"> Latchbolt operated by lever from either side Outside lever locked by key from outside Outside lever unlocked by key from outside Inside lever always operates latch 	F84
Entry	GT 182			<ul style="list-style-type: none"> Latchbolt operated by lever from either side or key in outside lever Outside lever locked by push button on inside Outside lever unlocked by key from outside 	F82
Service Station	GT 155			<ul style="list-style-type: none"> Latchbolt operated by lever from either side or key in outside lever Outside lever locked by push button on inside When outside lever is locked by push button on inside – key from outside, rotating inside lever, or closing door unlocks outside lever When outside lever is locked by pushing and turning the slotted button on the inside, key from outside or rotating inside lever retracts latch but does not unlock outside lever 	F92
Passage/Closet	GT 126			<ul style="list-style-type: none"> Latchbolt operated by lever from either side at all times 	F75
Privacy Bedroom/Bathroom	GT 176			<ul style="list-style-type: none"> Latchbolt operated by lever from either side or emergency release in outside lever Outside lever locked by push button on inside Outside lever unlocked by emergency release from outside, rotating inside lever, or closing door 	F76
Exit	GT 124			<ul style="list-style-type: none"> Latchbolt operated by inside lever at all times Outside lever always fixed Outside lever has non-removable security features 	F89
Patio	GT 177			<ul style="list-style-type: none"> Latchbolt operated by lever from either side Outside lever locked by push button on inside Outside lever unlocked by rotating inside lever, or closing door Outside lever has non-removable security features 	F77
Hospital Privacy	GT 175			<ul style="list-style-type: none"> Latchbolt operated by lever from either side or emergency turn piece in outside lever Outside lever locked by push button on inside Outside lever unlocked by emergency turn piece from outside, rotating inside lever, or closing door 	
General Entry	GT 137			<ul style="list-style-type: none"> Latchbolt operated by lever from either side Both levers locked by key from either side Both levers unlocked by key from either side 	F91
Communicating	GT 141			<ul style="list-style-type: none"> Latchbolt operated by lever from either side Key in either side locks or unlocks its own lever independently 	F80
Utility Asylum/Institution	GT 128			<ul style="list-style-type: none"> Latchbolt operated by key from either side Both levers always fixed Should not be used on rooms that have no other exit 	F87
Security	GT 120			<ul style="list-style-type: none"> Latchbolt operated by lever from either side Key on outside locks inside lever Key on outside unlocks inside lever Outside keyed lever always free Inside lever has non-removable security features 	
Communicating	GT 125			<ul style="list-style-type: none"> Latchbolt operated by inside lever Blank plate outside Minimum clearance of 1-1/2" between doors Frame depth 7-1/8" 	
Exit or Twin Communicating	GT 129			<ul style="list-style-type: none"> Latchbolt operated by key in inside lever Inside lever always fixed Blank plate outside Minimum clearance of 1-1/2" between doors Frame depth 7-1/8" 	
Vestibule Classroom Security	GT 135			<ul style="list-style-type: none"> Latchbolt operated by lever from either side Key in either lever locks outside lever Key in either lever unlocks outside lever Inside lever always free 	F88
Exit or Twin Communicating	GT 150			<ul style="list-style-type: none"> Latchbolt operated by inside lever Blank plate outside Inside lever locked by key inside Inside lever unlocked by key inside Minimum clearance of 1-1/2" between doors Use only in rooms with more than one exit Frame depth 7-1/8" 	
Dormitory/Corridor	GT 165			<ul style="list-style-type: none"> Latchbolt operated by lever from either side or key in outside lever Outside lever locked by key on outside or push button on inside Outside lever unlocked by key in outside lever, closing door, or rotating inside lever Inside lever always free 	F90
Double Dummy	GT 205			<ul style="list-style-type: none"> Pull lever both sides No mechanical operation 	
Single Dummy	GT 211			<ul style="list-style-type: none"> Pull lever one side No mechanical operation 	



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