

# ICC 500-2020 HARDWARE SELECTION GUIDE

Updated 5/17/24

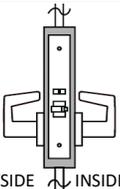
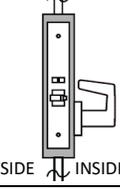
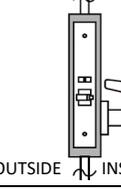
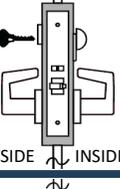
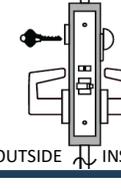
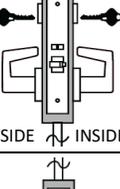
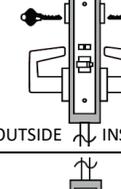
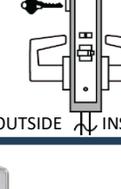
## ALLEGION CERTIFIED TORNADO RESISTANT DOOR SYSTEMS

ID / SERIES	OLD OUTSIDE TRIM CHOICES (2014)		NEW OUTSIDE TRIM CHOICES (2020)		VON DUPRIN EXITS FOR SINGLES (2pt) and PAIRS (3pt)
	OLD CHOICE	IMAGE/NOTE	OEW CHOICE <u>underlined</u>	IMAGE/NOTE	DESCRIPTION
	(WS98/9927EO) WS98/9957EO WS98/9927EO + EO	Exit only. No outside trim -or- 990EO/996EO /990DT (no/field prep)	(WS-T-98/9927EO) WS-T-98/9957 WS-T-98/9927 + <u>EO</u>	Exit only. No outside trim -or- 990EO/996EO /990DT (no/field prep)	(no change)  No outside trim. No way to get in from the outside.  If customer is using 990EO/996EO/990DT they would choose exit only option for doors and frames since they are field prepped.
<b>New (2020)</b> <b>T = TORNADO</b>	(WS98/9927-L-TL)  WS98/9957 WS98/9927 + 377T-BEx990DT	 <b>377T-BEx990DT</b>  Thumbturn blank escutcheon  WS9827-TL-BE WS9927-TL-BE WS9857-TL-BE WS9957-TL-BE	(WS-T-98/9927-DT)  WS-T-98/9957 WS-T-98/9927 + <u>990DT-377T-KC</u>	 <b>990DT</b>  377T-KC is located above 990DT	Used in ICC 500-2014 offering to enter a locked door. No longer allowed without KC because trim must be locked/rigid during storm.  This could be used with QEL/ESL but not -2SI. This also may be used with exit only to get in but this is not as good as 996L-KC (last choice shown below). Uses the big thumbturn that moves the bolts and requires both hands to open the door, rather than the simpler 996L-KC.
Singles only <b>WS-T-9857</b> <b>WS-T-9957</b>					
Pairs only <b>WS-T-9827</b> <b>WS-T-9927</b>					
COVERTING FROM	(WS98/9927-L-DT)  WS98/9957 WS98/9927 + 996L-DT	 <b>996L-DT</b>	(WS-T-98/9927-L-DT)  WS-T-98/9957 WS-T-98/9927 + <u>996L-DT</u>	 <b>996L-DT</b>	(no change)  If used with QEL/ESL it only serves as a pull when passing card credentials. It does NOT provide a way to enter if QEL/ESL is in lockdown, or if card is not working or power goes out.
<b>Old (2014)</b>	(WS98/9927-L-DT)  WS98/9957 WS98/9927 + 377T-BEx996L-DT	 <b>377T-BEx996L-DT</b>  Thumbturn blank escutcheon  WS9827-TL-BE WS9927-TL-BE WS9857-TL-BE WS9957-TL-BE	(WS-T-98/9927-L-DT)  WS-T-98/9957 WS-T-98/9927 + <u>996L-DT-377T-KC</u>	 <b>996L-DT</b>  377T-KC is located above 990DT	Used in ICC 500-2014 offering to enter a locked door. No longer allowed without KC because trim must be locked/rigid during storm.  This could be used with QEL/ESL but not -2SI. This also may be used with exit only to get in but this is not as good as 996L-KC (last choice shown below). Uses the big thumbturn that moves the bolts and requires both hands to open the door, rather than the simpler 996L-KC.
Singles <b>WS98/9957</b>					
Pairs or non- rated singles <b>WS98/9927</b>					
<b>For Auditorium functions (lockdown) and methods to enter when "locked", choose below.</b>					
<b>NOTE:</b> ORDER CYLINDERS AND THUMBURNS FROM SCHLAGE -- Examples or call tech support: - Std thumbturn cylinder XB11- 979; - ADA thumbturn cylinder XB13- 379; - Schlage RIM cylinder 20- 021.	(WS98/9927-L) (no QEL)  WS98/9957 WS98/9927	 <b>-L</b> WS9827-L WS9927-L WS9857-L WS9957-L  Lever key locks and unlocks	WS-T-98/9957 or WS-T-98/9927 + <u>996L-BE-377T-KC</u> + <b>-2SI (inside)</b>	 <b>996L-BE</b>  377T-KC is located above 990BE	<b>-2SI is the only method that provides an active lever (door unlocked until locked).</b>  This is the ONLY way to enter when the door is locked with -2SI. 996L-KC does not work with -2SI.  Cannot have QEL since with PW you MUST use ESL as the method for lockdown if you have QEL.
	(WS98/9927-L)  WS98/9957 WS98/9927	(outside)   <b>-L</b> WS9827-L WS9927-L WS9857-L WS9957-L  Lever key locks and unlocks	WS-T-98/9957 or WS-T-98/9927 + <u>996L-KC</u>  <b>QEL/ESL (inside)</b> + WS-T-98/9957 WS-T-98/9927 may have CON (connector) + <u>996L-KC</u>	(outside)   <b>996L-KC</b>  KC (Key Capture) Temporarily activates lever, locks when key is removed.	<b>996L-KC is the preferred method to enter when locked if the user wants to use the opening similar to an NL function where a key is required to gain access every time.</b>  <b>QEL/ESL is typically used with Card reader.</b> QEL/ESL does not affect door prep so this is the same choice as exit only but adds a temporary way to enter.  Cannot have QEL without ESL. ESL is Electronic Secure Locking.  996L-KC is preferred over 377T-KC to enter because it can be used to unlock and open with one hand.
	(WS98/9927-L)  QEL + WS98/9957 WS98/9927 may have CON (connector)	This no longer exists without KC.			
<b>Use CDSI in place of QEL/ESL for mechanical dogging with thumbturn; CDSI is for non-rated applications only.</b>					

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ID / SERIES	OLD OUTSIDE TRIM CHOICES (2014)		NEW OUTSIDE TRIM CHOICES (2020)		SCHLAGE LM9300 MULTIPOINT LOCKS
	OLD CHOICE	IMAGE/NOTE	NEW CHOICE	IMAGE/NOTE	DESCRIPTION
LM9300	LM9310	 OUTSIDE INSIDE	<b>NOT AVAILABLE</b>		<b>Passage Set</b> No longer allowed per ICC 500-2020 Exterior/storm side must be locked during a storm event. Functions not allowing lockdown from the inside have been removed for tornado applications.
	LM9325	 OUTSIDE INSIDE	LM 9325 Sectional Trim:L806 Escutcheon Trim:L855	 OUTSIDE INSIDE	<b>Exit Lock</b> No outside trim. Latchbolts retracted by lever from inside only. Inside lever always free for immediate egress.
	LM9350 -- LMV9350 Vandlgard option	 OUTSIDE INSIDE	LM/LMV 9350 Sectional Inside Indicator:LG208 Escutcheon Inside Indicator:LG216	 OUTSIDE INSIDE	<b>Entrance/Office Lock</b> Key cylinder outside; thumbturn inside. Outside lever made inoperative by inside thumbturn. Key outside unlocks and enables outside lever to retract all three latches. Inside lever always free for immediate egress.
	LM9370 -- LMV9370 Vandlgard option	 OUTSIDE INSIDE	<b>NOT AVAILABLE</b>		<b>Classroom</b> No longer available in conjunction with Allegion Save Schools Initiative and PASS Guidelines. This function requires occupant to exit the room to lock the exterior trim from the outside.
	LM9371 -- LMV9371 Vandlgard option	 OUTSIDE INSIDE	*LM/LMV 9371 Sectional Inside Indicator:LG208 Escutcheon Inside Indicator:LG216	 OUTSIDE INSIDE	<b>Classroom Security</b> Key cylinder both sides. Outside lever is made inoperative by key either side. Key on either side unlocks and enables outside lever to retract all three latches. Inside lever always free for immediate egress.
	LM9380 -- LMV9380 Vandlgard option	 OUTSIDE INSIDE	LM/LMV 9380 Sectional Inside Indicator:L906 Escutcheon Inside Indicator:L908	 OUTSIDE INSIDE	<b>Storeroom Lock</b> Key cylinder outside with lever; lever only inside. Outside lever normally locked. Key outside inserted and turned 280° unlocks, retracting all 3 latches; removal of key returns door to locked state. Inside lever always free for immediate egress.
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  Thumbturn         </div> <div style="text-align: center;">  Key cylinder         </div> </div> <p><b>THUMBTURNS</b> (do not affect hollow metal preps)</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  ADA thumbturn (standard) 09-544         </div> <div style="text-align: center;">  Large ADA thumbturn 09-509 x L583-363         </div> <div style="text-align: center;">  Basic thumbturn         </div> </div> <p><b>INSIDE TRIM INDICATORS</b> LM9350 and LM9371 should always be ordered with Inside Indicators to support GC's in fulfilling ICC 500-2020 requirements to supply signage clearly instructing occupants to lock outside trim during storm events.</p> <p>LMV option does not affect hollow metal preps: Vandlgard selection allows outside lever to rotate freely down in locked state to limit vandal ability to apply force to the lever helping</p>				

Only sold with Steelcraft PW or Republic DF doors. Rod set sold through Steelcraft and is factory installed.