

Vertical rods

Rim, mortise and concealed vertical rod

		Center case				Hinge case			
Device type	Door thickness	Sex Bolt			C Thread engagement min. - max.	Sex bolt			C Thread engagement min. - max.
		No.	A	B Screw		No.	A	B Screw	
22	1 3/4" (44mm)	425	1 9/16"	10-24 x 1" PPHMS	9/32" - 5/8"	425	1 9/16"	10-24 x 3/4" PPHMS	9/32" - 5/8"
	2 1/4" (57mm)	425	1 9/16"	10-24 x 1 1/2" PPHMS	9/32" - 5/8"	425	1 9/16"	10-24 x 1 1/4" PPHMS	9/32" - 5/8"
33A, 3347A, 3347A-F 35A, 3547A, 3547A-F	1 3/4" (44mm)	325	1 9/32"	1/4-20 x 1" FPHMS	3/8" - 11/16"	425	1 9/16"	10-24 x 3/4" PPHMS	9/32" - 5/8"
	2 1/4" (57mm)	325	1 9/32"	1/4-20 x 1 1/2" FPHMS	3/8" - 11/16"	425	1 9/16"	10-24 x 1 1/4" PPHMS	9/32" - 5/8"
55	1 3/4" (44mm)	625A	2 5/16"	12-24 x 3/4" OPHMS	11/32" - 13/16"	625A	2 5/16"	12-24 x 3/4" OPHMS	9/32" - 13/16"
	2 1/4" (57mm)	625B	2 13/16"	12-24 x 3/4" OPHMS	11/32" - 1"	625B	2 13/16"	12-24 x 1 1/4" OPHMS	11/32" - 1"
5575, 5575-F 5547, 5547F	1 3/4" (44mm)	—	—	—	—	625A	2 5/16"	12-24 x 3/4" OPHMS	11/32" - 13/16"
	2 1/4" (57mm)	—	—	—	—	625B	2 13/16"	12-24 x 1 1/4" OPHMS	11/32" - 1"
88, 88-F, 8875, 8875-F	1 3/4" (44mm)	425	1 9/16"	10-24 x 1 1/2" OPHMS	9/32" - 5/8"	425	1 9/16"	10-24 x 1 1/2" OPHMS	9/32" - 5/8"
	2 1/4" (57mm)	425	1 9/16"	10-24 x 2" OPHMS	9/32" - 5/8"	425	1 9/16"	10-24 x 2" OPHMS	9/32" - 5/8"
8847-F	1 3/4" (44mm)	—	—	—	—	425	1 9/16"	10-24 x 1 1/2" OPHMS	9/32" - 5/8"
	2 1/4" (57mm)	—	—	—	—	425	1 9/16"	10-24 x 2" OPHMS	9/32" - 5/8"
98, 9875, 9875-F, 9847, 9847-F, 99, 9975, 9975-F, 9947, 9947-F	1 3/4" (44mm)	425	1 9/16"	10-24 x 1" PPHMS	9/32" - 5/8"	425	1 9/16"	10-24 x 1" PPHMS	9/32" - 5/8"
	2 1/4" (57mm)	425	1 9/16"	10-24 x 1 1/2" PPHMS	9/32" - 5/8"	425	1 9/16"	10-24 x 1 1/4" PPHMS	9/32" - 5/8"
98-F, 99-F*	1 3/4" (44mm)	425	1 9/16"	10-24 x 1" PPHMS	9/32" - 5/8"	425	1 9/16"	10-24 x 3/4" PPHMS	9/32" - 5/8"
		825A*	1 13/16"	10-24 x 3/4" PPHMS	9/32" - 5/8"				
	2 1/4" (57mm)	425	1 9/16"	10-24 x 1 1/2" PPHMS	9/32" - 5/8"	425	1 9/16"	10-24 x 1 1/4" PPHMS	9/32" - 5/8"
		825B*	1 13/16"	10-24 x 3/4" PPHMS	9/32" - 5/8"				

Surface vertical rod

		Center case				Hinge case				Top & bottom latch case			
Device type	Door thickness	Sex bolt			C Thread engagement min. - max.	Sex bolt			C Thread engagement min. - max.	Sex bolt			C Thread engagement min. - max.
		No.	A	B Screw		No.	A	B Screw		No.	A	B Screw	
2227, 2227-F	1 1/4" (44mm)	425	1 9/16"	10-24 x 1" PPHMS	9/32" - 5/8"	425	1 9/16"	10-24 x 3/4" PPHMS	9/32" - 5/8"	325	1 9/32"	1/4-20 x 3/4" UFPHMS	3/8" - 11/16"
	2 1/4" (57mm)	425	1 9/16"	10-24 x 1 1/2" PPHMS	9/32" - 5/8"	425	1 9/16"	10-24 x 1 1/4" PPHMS	9/32" - 5/8"	325	1 9/32"	1/4-20 x 1 1/4" UFPHMS	3/8" - 11/16"
3327A 3527A	1 1/4" (44mm)	325	1 9/32"	1/4-20 x 1" FPHMS	3/8" - 11/16"	425	1 9/16"	10-24 x 3/4" PPHMS	9/32" - 5/8"	325	1 9/32"	1/4-20 x 3/4" UFPHMS	3/8" - 11/16"
	2 1/4" (57mm)	325	1 9/32"	1/4-20 x 1 1/2" FPHMS	3/8" - 11/16"	425	1 9/16"	10-24 x 1 1/4" PPHMS	9/32" - 5/8"	325	1 9/32"	1/4-20 x 1 1/4" UFPHMS	3/8" - 11/16"
8827, 8827-F	1 1/4" (44mm)	425	1 9/16"	10-24 x 1 1/2" OPHMS	9/32" - 5/8"	425	1 9/16"	10-24 x 1 1/2" OPHMS	9/32" - 5/8"	425	1 9/32"	10-24 x 3/4" PPHMS	9/32" - 5/8"
	2 1/4" (57mm)	425	1 9/16"	10-24 x 2" OPHMS	9/32" - 5/8"	425	1 9/16"	10-24 x 2" OPHMS	9/32" - 5/8"	425	1 9/32"	10-24 x 1 1/4" PPHMS	9/32" - 5/8"
9827, 9827-F 9857 9857-F	1 1/4" (44mm)	425	1 9/16"	10-24 x 1" PPHMS	9/32" - 5/8"	425	1 9/16"	10-24 x 3/4" PPHMS	9/32" - 5/8"	325	1 9/32"	1/4-20 x 3/4" UFPHMS	3/8" - 11/16"
9927, 9927-F 9897 9957-F	2 1/4" (57mm)	425	1 9/16"	10-24 x 1 1/2" PPHMS	9/32" - 5/8"	425	1 9/16"	10-24 x 1 1/4" PPHMS	9/32" - 5/8"	325	1 9/32"	1/4-20 x 1 1/4" UFPHMS	3/8" - 11/16"

FPHMS — Flat Phillips head machine screw
OPHMS — Oval Phillips head machine screw
PPHMS — Pan Phillips head machine screw
UFPHMS — Undercut flat Phillips head machine screw