

ProExpress™

# Product catalog

Effective Q3 2016



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\* Like or better product will ship separately.

\*\* Limitations apply. See page 5 of the ProExpress Price book for details.

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Only products listed in this program are eligible.

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Orders received prior to 3:00 p.m. EST (excluding weekends and holidays) are guaranteed to **arrive on customer dock within 5 days** of order receipt. Standard buying program pricing applies.

Consult the current ProExpress Price Book for pricing information, ordering guidelines and a complete list of Terms & Conditions. All standard limited warranties apply. Consult current Falcon, Ives and Glynn-Johnson Price Books for a complete list of warranty information.

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**FALCON**

## Locks

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## W Series cylindrical lock - 626 (satin chrome) finish

- Grade 2, UL Listed 3 hour, 1-3/8" to 1-3/4" door range standard.
- All functions (except dummy) include 1-1/8" x 2-1/4" square-corner latch with 2-3/4" backset and ANSI 1-1/4"x 4-7/8" strike (30-148)
- Falcon G and Schlage C cylinders are 6 pin cylinders keyed 6, keyed different










Dane

Quantum

Hana

Additional cylinders available on pages 16-18

Additional latches and strikes available on page 19







		Function	Trim	Finish	Cylinder	Part number
Single dummy trim		W12	Dane	626	-	S00029097685
		W12	Quantum	626	-	S00029097692
		W12	Hana	626	-	S00029188321
Passage		W101S	Dane	626	-	S00029097715
		W101S	Quantum	626	-	S00029097739
		W101S	Hana	626	-	S00029216321
Communicating/exit		W161D	Dane	626	-	S00029194674
		W161D	Quantum	626	-	S00029285136
Privacy		W301S	Dane	626	-	S00029097760
		W301S	Quantum	626	-	S00029097777
		W301S	Hana	626	-	S00029278596
Entry/office		W511P6D	Dane	626	6 Pin, Falcon G, KD	S00029207343
		W511CP6D	Dane	626	6 Pin, Schlage C, KD	S00029097937
		W511LD	Dane	626	Less 6-pin cylinder	S00029207190
		W511BD	Dane	626	Less SFIC	S00029097807
		W511P6D	Quantum	626	6 Pin, Falcon G, KD	S00029211647
		W511CP6D	Quantum	626	6 Pin, Schlage C, KD	S00029211661
		W511BD	Quantum	626	Less SFIC	S00029097814
		W511P6D	Hana	626	6 Pin, Falcon G, KD	S00031510882
Classroom		W561P6D	Dane	626	6 Pin, Falcon G, KD	S00029207367
		W561CP6D	Dane	626	6 Pin, Schlage C, KD	S00029097968
		W561LD	Dane	626	Less 6-pin cylinder	S00029207350
		W561BD	Dane	626	Less SFIC	S00029097838
		W561P6D	Quantum	626	6 Pin, Falcon G, KD	S00029257201
		W561CP6D	Quantum	626	6 Pin, Schlage C, KD	S00029222285
		W561BD	Quantum	626	Less SFIC	S00029097845
		W561P6D	Hana	626	6 Pin, Falcon G, KD	S00031510899
Storeroom		W581P6D	Dane	626	6 Pin, Falcon G, KD	S00029207404
		W581CP6D	Dane	626	6 Pin, Schlage C, KD	S00029098002
		W581LD	Dane	626	Less 6-pin cylinder	S00029207381
		W581BD	Dane	626	Less SFIC	S00029097883
		W581P6D	Quantum	626	6 Pin, Falcon G, KD	S00029211654
		W581CP6D	Quantum	626	6 Pin, Schlage C, KD	S00029220267
		W581BD	Quantum	626	Less SFIC	S00029097890
		W581P6D	Hana	626	6 Pin, Falcon G, KD	S00031510905
		W581CP6D	Hana	626	6 Pin, Schlage C, KD	S00029363490

**W Series cylindrical lock - 613 (oil rubbed bronze) finish**

- Grade 2, UL Listed 3 hour, 1-3/8" to 1-3/4" door range standard.
- All functions (except dummy) include 1-1/8" x 2-1/4" square-corner latch with 2-3/4" backset and ANSI 1-1/4" x 4-7/8" strike (30-148)
- Falcon G and Schlage C cylinders are 6 pin cylinders keyed 6, keyed different

Additional cylinders available on pages 16-18

Additional latches and strikes available on page 19

		Function	Trim	Finish	Cylinder	Part number
<b>Single dummy trim</b>		W12	Dane	613	-	S00029097661
		W12	Quantum	613	-	S00029210145
<b>Passage</b>		W101S	Dane	613	-	S00029097708
		W101S	Quantum	613	-	S00029210091
<b>Privacy</b>		W301S	Dane	613	-	S00029097753
		W301S	Quantum	613	-	S00029210152
<b>Entry/office</b>		W511P6D	Dane	613	6 Pin, Falcon G, KD	S00029285167
		W511CP6D	Dane	613	6 Pin, Schlage C, KD	S00029097913
		W511BD	Dane	613	Less SFIC	S00029097791
		W511P6D	Quantum	613	6 Pin, Falcon G, KD	S00029362769
		W511CP6D	Quantum	613	6 Pin, Schlage C, KD	S00029220373
		W511BD	Quantum	613	Less SFIC	S00029362745
<b>Classroom</b>		W561P6D	Dane	613	6 Pin, Falcon G, KD	S00029285228
		W561CP6D	Dane	613	6 Pin, Schlage C, KD	S00029097951
		W561BD	Dane	613	Less SFIC	S00029097821
		W561P6D	Quantum	613	6 Pin, Falcon G, KD	S00029362837
		W561CP6D	Quantum	613	6 Pin, Schlage C, KD	S00029222278
		W561BD	Quantum	613	Less SFIC	S00029362790
<b>Storeroom</b>		W581P6D	Dane	613	6 Pin, Falcon G, KD	S00029285266
		W581CP6D	Dane	613	6 Pin, Schlage C, KD	S00029097999
		W581BD	Dane	613	Less SFIC	S00029097876
		W581P6D	Quantum	613	6 Pin, Falcon G, KD	S00029362851
		W581CP6D	Quantum	613	6 Pin, Schlage C, KD	S00029220274
		W581BD	Quantum	613	Less SFIC	S00029362844

## W Series small rose cylindrical lock - 626 (satin chrome) finish

Small rose W lock has 2-9/16" (65mm) diameter rose instead of 3-3/8" (86mm) in standard W Lock.

- Grade 2, UL Listed 3 hour, 1-3/8" to 1-3/4" door range standard.
- All functions (except dummy) include 1-1/8" x 2-1/4" square-corner latch with 2-3/4" backset and ANSI 1-1/4"x 4-7/8" strike (30-148)
- Falcon G and Schlage C cylinders are 6 pin cylinders keyed 6, keyed different

Additional cylinders available on pages 16-18  
Additional latches and strikes available on page 19



		Function	Trim	Finish	Cylinder	Part number
<b>Single dummy trim</b>		W12	SR Dane	626	-	S00031511803
		W12	SR Quantum	626	-	S00031511810
<b>Passage</b>		W101S	SR Dane	626	-	S00031511827
		W101S	SR Quantum	626	-	S00031511834
<b>Privacy</b>		W301S	SR Dane	626	-	S00031511865
		W301S	SR Quantum	626	-	S00031511872
<b>Entry/office</b>		W511P6D	SR Dane	626	6 Pin, Falcon G, KD	S00031511889
		W511CP6D	SR Dane	626	6 Pin, Schlage C, KD	S00031511896
		W511BD	SR Dane	626	Less SFIC	S00031511919
		W511P6D	SR Quantum	626	6 Pin, Falcon G, KD	S00031511926
		W511CP6D	SR Quantum	626	6 Pin, Schlage C, KD	S00031511933
		W511BD	SR Quantum	626	Less SFIC	S00031511957
<b>Classroom</b>		W561P6D	SR Dane	626	6 Pin, Falcon G, KD	S00031511964
		W561CP6D	SR Dane	626	6 Pin, Schlage C, KD	S00031511971
		W561BD	SR Dane	626	Less SFIC	S00031511995
		W561P6D	SR Quantum	626	6 Pin, Falcon G, KD	S00031512008
		W561CP6D	SR Quantum	626	6 Pin, Schlage C, KD	S00031512015
		W561BD	SR Quantum	626	Less SFIC	S00031512039
<b>Storeroom</b>		W581P6D	SR Dane	626	6 Pin, Falcon G, KD	S00031512046
		W581CP6D	SR Dane	626	6 Pin, Schlage C, KD	S00031512053
		W581BD	SR Dane	626	Less SFIC	S00031512077
		W581P6D	SR Quantum	626	6 Pin, Falcon G, KD	S00031512084
		W581CP6D	SR Quantum	626	6 Pin, Schlage C, KD	S00031512091
		W581BD	SR Quantum	626	Less SFIC	S00031512114






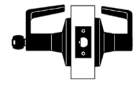
**W Series small rose cylindrical lock - 613 (oil rubbed bronze) finish**

Small rose W lock has 2-9/16" (65mm) diameter rose instead of 3-3/8" (86mm) in standard W Lock.

- Grade 2, UL Listed 3 hour, 1-3/8" to 1-3/4" door range standard.
- All functions (except dummy) include 1-1/8" x 2-1/4" square-corner latch with 2-3/4" backset and ANSI 1-1/4" x 4-7/8" strike (30-148)
- Falcon G and Schlage C cylinders are 6 pin cylinders keyed 6, keyed different

Additional cylinders available on pages 16-18

Additional latches and strikes available on page 19

		Function	Trim	Finish	Cylinder	Part number
<b>Single dummy trim</b>		W12	SR Dane	613	-	S00031534512
		W12	SR Quantum	613	-	S00031534529
<b>Passage</b>		W101S	SR Dane	613	-	S00031534536
		W101S	SR Quantum	613	-	S00031534581
<b>Privacy</b>		W301S	SR Dane	613	-	S00031534673
		W301S	SR Quantum	613	-	S00031534697
<b>Entry/office</b>		W511P6D	SR Dane	613	6 Pin, Falcon G, KD	S00031535076
		W511CP6D	SR Dane	613	6 Pin, Schlage C, KD	S00031535083
		W511BD	SR Dane	613	Less SFIC	S00031535106
		W511P6D	SR Quantum	613	6 Pin, Falcon G, KD	S00031535113
		W511CP6D	SR Quantum	613	6 Pin, Schlage C, KD	S00031535120
		W511BD	SR Quantum	613	Less SFIC	S00031535144
<b>Classroom</b>		W561P6D	SR Dane	613	6 Pin, Falcon G, KD	S00031535151
		W561CP6D	SR Dane	613	6 Pin, Schlage C, KD	S00031535168
		W561BD	SR Dane	613	Less SFIC	S00031535182
		W561P6D	SR Quantum	613	6 Pin, Falcon G, KD	S00031535199
		W561CP6D	SR Quantum	613	6 Pin, Schlage C, KD	S00031535205
		W561BD	SR Quantum	613	Less SFIC	S00031535229
<b>Storeroom</b>		W581P6D	SR Dane	613	6 Pin, Falcon G, KD	S00031535236
		W581CP6D	SR Dane	613	6 Pin, Schlage C, KD	S00031535243
		W581BD	SR Dane	613	Less SFIC	S00031535267
		W581P6D	SR Quantum	613	6 Pin, Falcon G, KD	S00031535274
		W581CP6D	SR Quantum	613	6 Pin, Schlage C, KD	S00031535281
		W581BD	SR Quantum	613	Less SFIC	S00031535304



# Cylindrical locks







**FALCON®**

## B Series cylindrical lock - 626 (satin chrome) finish

- Grade 2, UL Listed 3 hour, 1-3/8" to 2" door range standard.
- All functions (except dummy) include 1-1/8" x 2-1/4" square-corner latch with 2-3/4" backset and ANSI 1-1/4" x 4-7/8" strike (p/n 5164)
- Falcon G and Schlage C cylinders are 6 pin cylinders keyed 6, keyed different

Additional cylinders available on pages 16-18  
Additional latches and strikes available on page 19









		Function	Trim	Finish	Cylinder	Part number
<b>Single dummy trim</b>		B12	Dane	626	-	043156751075
		B12	Quantum	626	-	043156882540
<b>Passage</b>		B101S	Dane	626	-	043156890392
		B101S	Quantum	626	-	043156882526
<b>Privacy</b>		B301S	Dane	626	-	043156890408
		B301S	Quantum	626	-	043156882564
<b>Entry/office</b>		B511P6D	Dane	626	6 Pin, Falcon G, KD	S00031510943
		B511CP6D	Dane	626	6 Pin, Schlage C, KD	043156890415
		B511BD	Dane	626	Less SFIC	043156871315
		B511P6D	Quantum	626	6 Pin, Falcon G, KD	S00031510950
		B511CP6D	Quantum	626	6 Pin, Schlage C, KD	S00028501350
		B511BD	Quantum	626	Less SFIC	043156882625
<b>Classroom</b>		B561P6D	Dane	626	6 Pin, Falcon G, KD	S00031510967
		B561CP6D	Dane	626	6 Pin, Schlage C, KD	043156882687
		B561BD	Dane	626	Less SFIC	043156882670
		B561P6D	Quantum	626	6 Pin, Falcon G, KD	S00031510974
		B561CP6D	Quantum	626	6 Pin, Schlage C, KD	S00028502883
		B561BD	Quantum	626	Less SFIC	043156882700
<b>Storeroom</b>		B581P6D	Dane	626	6 Pin, Falcon G, KD	S00031510981
		B581CP6D	Dane	626	6 Pin, Schlage C, KD	043156890439
		B581BD	Dane	626	Less SFIC	043156871322
		B581P6D	Quantum	626	6 Pin, Falcon G, KD	S00031510998
		B581CP6D	Quantum	626	6 Pin, Schlage C, KD	S00028504368
		B581BD	Quantum	626	Less SFIC	043156882762

**B Series cylindrical lock - 613 (oil rubbed bronze) finish**

- Grade 2, UL Listed 3 hour, 1-3/8" to 2" door range standard.
- All functions (except dummy) include 1-1/8" x 2-1/4" square-corner latch with 2-3/4" backset and ANSI 1-1/4" x 4-7/8" strike (p/n 5164)
- Falcon G and Schlage C cylinders are 6 pin cylinders keyed 6, keyed different

Additional cylinders available on pages 16-18

Additional latches and strikes available on page 19

		Function	Trim	Finish	Cylinder	Part number
Single dummy trim		B12	Dane	613	-	043156882533
		B12	Quantum	613	-	S00028497684
Passage		B101S	Dane	613	-	043156882519
		B101S	Quantum	613	-	S00028497370
Privacy		B301S	Dane	613	-	043156882557
		B301S	Quantum	613	-	S00028498438
Entry/office		B511P6D	Dane	613	6 Pin, Falcon G, KD	S00031511001
		B511CP6D	Dane	613	6 Pin, Schlage C, KD	043156882595
		B511BD	Dane	613	Less SFIC	043156882588
		B511P6D	Quantum	613	6 Pin, Falcon G, KD	S00031511018
		B511CP6D	Quantum	613	6 Pin, Schlage C, KD	S00028501091
		B511BD	Quantum	613	Less SFIC	S00028501916
Classroom		B561P6D	Dane	613	6 Pin, Falcon G, KD	S00031540162
		B561CP6D	Dane	613	6 Pin, Schlage C, KD	043156882656
		B561BD	Dane	613	Less SFIC	043156882649
		B561P6D	Quantum	613	6 Pin, Falcon G, KD	S00031511025
		B561CP6D	Quantum	613	6 Pin, Schlage C, KD	S00028502753
		B561BD	Quantum	613	Less SFIC	S00028503187
Storeroom		B581P6D	Dane	613	6 Pin, Falcon G, KD	S00031511032
		B581CP6D	Dane	613	6 Pin, Schlage C, KD	043156882731
		B581BD	Dane	613	Less SFIC	043156882724
		B581P6D	Quantum	613	6 Pin, Falcon G, KD	S00031511049
		B581CP6D	Quantum	613	6 Pin, Schlage C, KD	S00028504184
		B581BD	Quantum	613	Less SFIC	S00028504702

## T Series cylindrical lock - 626 (satin chrome) finish

- Grade 1, UL Listed 3 hour, 1-3/8" to 2" door range standard.
- All functions (except dummy) include 1-1/8" x 2-1/4" square-corner latch with 2-3/4" backset and ANSI 1-1/4" x 4-7/8" strike (p/n 5164)
- Falcon G and Schlage C cylinders are 6 pin cylinders keyed 6, keyed different




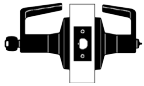





Dane

Quantum

Additional cylinders available on pages 16-18

Additional latches and strikes available on page 19

	Function	Trim	Finish	Cylinder	Part number
<b>Single dummy trim</b> 	T12	Dane	626		043156884605
	T12	Quantum	626		S00028554417
<b>Passage</b> 	T101S	Dane	626		S00032228465
	T101S	Quantum	626		S00032228472
<b>Privacy</b> 	T301S	Dane	626		S00032228489
	T301S	Quantum	626		S00032228496
<b>Entry/office</b> 	T511P6D	Dane	626	6 Pin, Falcon G, KD	S00032228854
	T511CP6D	Dane	626	6 Pin, Schlage C, KD	S00032228731
	T511LD	Dane	626	Less standard cylinder	S00032228595
	T511BD	Dane	626	Less SFIC	S00032228571
	T511P6D	Quantum	626	6 Pin, Falcon G, KD	S00032228861
	T511CP6D	Quantum	626	6 Pin, Schlage C, KD	S00032228748
	T511LD	Quantum	626	Less standard cylinder	S00032228601
	T511BD	Quantum	626	Less SFIC	S00032228588
<b>Classroom</b> 	T561P6D	Dane	626	6 Pin, Falcon G, KD	S00032228878
	T561CP6	Dane	626	6 Pin, Schlage C, KD	S00032228755
	T561LD	Dane	626	Less standard cylinder	S00032228632
	T561BD	Dane	626	Less SFIC	S00032228618
	T561P6D	Quantum	626	6 Pin, Falcon G, KD	S00032228885
	T561CP6D	Quantum	626	6 Pin, Schlage C, KD	S00032228762
	T561LD	Quantum	626	Less standard cylinder	S00032228625
	T561BD	Quantum	626	Less SFIC	S00032228649
<b>Classroom security</b> 	T381P6D	Dane	626	6 Pin, Falcon G, KD	S00032228830
	T381CP6D	Dane	626	6 Pin, Schlage C, KD	S00032228694
	T381LD	Dane	626	Less standard cylinder	S00032228526
	T381BD	Dane	626	Less SFIC	S00032228502
	T381P6D	Quantum	626	6 Pin, Falcon G, KD	S00032228847
	T381CP6D	Quantum	626	6 Pin, Schlage C, KD	S00032228700
	T381LD	Quantum	626	Less standard cylinder	S00032228533
	T381BD	Quantum	626	Less SFIC	S00032228519
<b>Storeroom</b> 	T581P6D	Dane	626	6 Pin, Falcon G, KD	S00032228892
	T581CP6D	Dane	626	6 Pin, Schlage C, KD	S00032228809
	T581LD	Dane	626	Less standard cylinder	S00032228670
	T581BD	Dane	626	Less SFIC	S00032228656
	T581P6D	Quantum	626	6 Pin, Falcon G, KD	S00032228915
	T581CP6D	Quantum	626	6 Pin, Schlage C, KD	S00032228823
	T581LD	Quantum	626	Less standard cylinder	S00032228687
	T581BD	Quantum	626	Less SFIC	S00032228663

**K Series cylindrical lock - 626 (satin chrome) finish**

- Certified ANSI / BHMA Grade 1, UL Listed 3 Hour, 1-3/8" to 2-1/4" Door range
- All functions, except for dummy, include 1-1/8" X 2 1/4" square-corner latch with 2-3/4" backset and ANSI 1-1/4" X 4-7/8" strike
- Falcon G and Schlage C Cylinders are 6 pin cylinders keyed 6, keyed different

Additional cylinders available on pages 16-18

Additional latches and strikes available on page 19



Dane



Quantum






		Function	Trim	Finish	Cylinder	Part number
<b>Single dummy trim</b>		K12	Dane	626		043156513383
		K12	Quantum	626		043156513390
<b>Passage</b>		K101S	Dane	626		043156513369
		K101S	Quantum	626		043156513376
<b>Privacy</b>		K301S	Dane	626		043156513406
		K301S	Quantum	626		043156513413
<b>Entry/office</b>		K511P6D	Dane	626	6 Pin, Falcon G, KD	043156513604
		K511CP6D	Dane	626	6 Pin, Schlage C, KD	043156513543
		K511LD	Dane	626	Less standard cylinder	043156513444
		K511BD	Dane	626	Less SFIC	043156513420
		K511P6D	Quantum	626	6 Pin, Falcon G, KD	043156513611
		K511CP6D	Quantum	626	6 Pin, Schlage C, KD	043156513550
		K511LD	Quantum	626	Less standard cylinder	043156513451
		K511BD	Quantum	626	Less SFIC	043156513437
<b>Classroom</b>		K561P6D	Dane	626	6 Pin, Falcon G, KD	043156513628
		K561CP6D	Dane	626	6 Pin, Schlage C, KD	043156513567
		K561LD	Dane	626	Less standard cylinder	043156513482
		K561BD	Dane	626	Less SFIC	043156513468
		K561P6D	Quantum	626	6 Pin, Falcon G, KD	043156513635
		K561CP6D	Quantum	626	6 Pin, Schlage C, KD	043156513574
		K561LD	Quantum	626	Less standard cylinder	043156513499
		K561BD	Quantum	626	Less SFIC	043156513475
<b>Storeroom</b>		K581P6D	Dane	626	6 Pin, Falcon G, KD	043156513642
		K581CP6D	Dane	626	6 Pin, Schlage C, KD	043156513581
		K581LD	Dane	626	Less standard cylinder	043156513529
		K581BD	Dane	626	Less SFIC	043156513505
		K581P6D	Quantum	626	6 Pin, Falcon G, KD	043156513659
		K581CP6D	Quantum	626	6 Pin, Schlage C, KD	043156513598
		K581LD	Quantum	626	Less standard cylinder	043156513536
		K581BD	Quantum	626	Less SFIC	043156513512

**D200 Grade 2 medium duty deadbolt - 626 (satin chrome) finish**

- Grade 2, non UL Listed 3 hour, 1-3/8" – 2-1/4" standard cylinder door range; 1-5/8"-2" SFIC door range
- All functions include 2-3/8" – 2-3/4" universal square corner latch (p/n 30-253), 1-1/8" x 2-3/4" square corner lipless strike (p/n 10-094)
- Falcon G and Schlage C cylinders are 6 pin cylinders keyed 6, keyed different








Additional cylinders available on pages 16-18

	Function	Finish	Cylinder	Part number
<b>Classroom</b> 	D211P6	626	6 Pin, Falcon G, KD	S00029895991
	D211CP6	626	6 Pin, Schlage C, KD	043156145270
	D211B	626	Less SFIC	043156145027
<b>Single cylinder x turn</b> 	D241P6	626	6 Pin, Falcon G, KD	S00029829965
	D241CP6	626	6 Pin, Schlage C, KD	043156146918
	D241B	626	Less SFIC	043156146451
<b>Turn inside x blank outside</b> 	D261	626	-	043156147120
<b>Turn inside x rose outside</b> 	D261M	626	-	043156147281
<b>Turn inside x indicator outside</b> 	D271	626	-	043156147489

**D200 Grade 2 medium duty deadbolt - 613 (oil rubbed bronze) finish**

- Grade 2, non UL Listed 3 hour, 1-3/8" – 2-1/4" standard cylinder door range; 1-5/8"-2" SFIC door range
- All functions include 2-3/8" – 2-3/4" universal square corner latch (p/n 30-253), 1-1/8" x 2-3/4" square corner lipless strike (p/n 10-094)
- Falcon G and Schlage C cylinders are 6 pin cylinders keyed 6, keyed different

Additional cylinders available on pages 16-18

	Function	Finish	Cylinder	Part number
<b>Classroom</b> 	D211P6	613	6 Pin, Schlage C, KD	043156145256
	D211B	613	Less SFIC	043156145003
<b>Single cylinder x turn</b> 	D241P6	613	6 Pin, Schlage C, KD	043156146550
	D241B	613	Less SFIC	043156146383
<b>Turn inside x blank outside</b> 	D261	613	-	043156147106
<b>Turn inside x rose outside</b> 	D261M	613	-	043156147229
<b>Turn inside x indicator outside</b> 	D271	613	-	043156147397

**MA Series mortise lock - 626 (satin chrome) finish**

- Grade 1, UL Listed 3 hour, 1-3/4" to 2-1/2" door range standard.
- All functions (except dummy) include 2-piece stainless steel latchbolt with 2-3/4" backset and ANSI 1-1/4" lip strike (p/n A8737-1)

Additional cylinders available on pages 16-18



Dane-Gala



Quantum-Gala

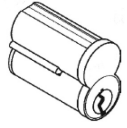

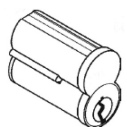



Quantum-Napa

		Function	Trim	Finish	Cylinder	Part number
<b>Passage</b>		MA101	Dane-Gala	626	-	043156197989
		MA101	Dane-Napa	626	-	043156197996
		MA101	Quantum-Gala	626	-	043156198009
		MA101	Quantum-Napa	626	-	S00031511124
<b>Privacy</b>		MA301	Dane-Gala	626	-	043156198016
		MA301	Dane-Napa	626	-	043156198023
		MA301	Quantum-Gala	626	-	043156198047
		MA301	Quantum-Napa	626	-	S00031511186
<b>Entry/office</b>		MA521L	Dane-Gala	626	Less cylinder	043156198054
		MA521L	Dane-Napa	626	Less cylinder	043156198061
		MA521L	Quantum-Gala	626	Less cylinder	043156198078
		MA521L	Quantum-Napa	626	Less cylinder	S00031511193
<b>Classroom</b>		MA561L	Dane-Gala	626	Less cylinder	043156198115
		MA561L	Dane-Napa	626	Less cylinder	043156198122
		MA561L	Quantum-Gala	626	Less cylinder	043156198139
		MA561L	Quantum-Napa	626	Less cylinder	S00031511209
<b>Classroom security</b>		MA441L	Dane-Gala	626	Less cylinder	S00031511216
		MA441L	Dane-Napa	626	Less cylinder	S00031511223
		MA441L	Quantum-Gala	626	Less cylinder	S00031511230
		MA441L	Quantum-Napa	626	Less cylinder	S00031511247
<b>Storeroom</b>		MA581L	Dane-Gala	626	Less cylinder	043156198184
		MA581L	Dane-Napa	626	Less cylinder	043156198191
		MA581L	Quantum-Gala	626	Less cylinder	043156198207
		MA581L	Quantum-Napa	626	Less cylinder	S00031511261
<b>Apartment corridor</b>		MA531L	Dane-Gala	626	Less cylinder	043156198085
		MA531L	Dane-Napa	626	Less cylinder	043156198092
		MA531L	Quantum-Gala	626	Less cylinder	043156198108
		MA531L	Quantum-Napa	626	Less cylinder	S00031511278
<b>Dormitory</b>		MA571L	Dane-Gala	626	Less cylinder	043156198146
		MA571L	Dane-Napa	626	Less cylinder	043156198153
		MA571L	Quantum-Gala	626	Less cylinder	043156198177
		MA571L	Quantum-Napa	626	Less cylinder	S00031511285

**Interchangeable cores for all locks “less SFIC”**

All cores 7 pin uncombined with no logo. 'A' keyway is the default for most key systems.

Finish	Capping	Keyway	Description	Part number
606	Falcon slide-cap 	A	SFIC, slide-cap, A keyway, 606	C649-606-A
		D	SFIC, slide-cap, D keyway, 606	C649-606-D
		E	SFIC, slide-cap, E keyway, 606	C649-606-E
		F	SFIC, slide-cap, F keyway, 606	C649-606-F
		G	SFIC, slide-cap, G keyway, 606	C649-606-G
		J	SFIC, slide-cap, J keyway, 606	C649-606-J
		TD	SFIC, slide-cap, TD keyway, 606	C649-606-TD
	Individual capping (Best style) 	A	SFIC, individual cap, A keyway, 606	CB849-606-A
		D	SFIC, individual cap, D keyway, 606	CB849-606-D
		E	SFIC, individual cap, E keyway, 606	CB849-606-E
		F	SFIC, individual cap, F keyway, 606	CB849-606-F
		G	SFIC, individual cap, G keyway, 606	CB849-606-G
		J	SFIC, individual cap, J keyway, 606	CB849-606-J
		TD	SFIC, individual cap, TD keyway, 606	CB849-606-TD
626	Falcon slide-cap 	A	SFIC, slide-cap, A keyway, 626	C648-626-A
		A	SFIC, slide-cap, A keyway, 626	C649-626-A
		D	SFIC, slide-cap, D keyway, 626	C649-626-D
		E	SFIC, slide-cap, E keyway, 626	C649-626-E
		F	SFIC, slide-cap, F keyway, 626	C649-626-F
		G	SFIC, slide-cap, G keyway, 626	C649-626-G
		J	SFIC, slide-cap, J keyway, 626	C649-626-J
		TD	SFIC, slide-cap, TD keyway, 626	C649-626-TD
	Individual capping (Best style) 	A	SFIC, individual cap, A keyway, 626	CB849-626-A
		D	SFIC, individual cap, D keyway, 626	CB849-626-D
		E	SFIC, individual cap, E keyway, 626	CB849-626-E
		F	SFIC, individual cap, F keyway, 626	CB849-626-F
		G	SFIC, individual cap, G keyway, 626	CB849-626-G
		J	SFIC, individual cap, J keyway, 626	CB849-626-J
		TD	SFIC, individual cap, TD keyway, 626	CB849-626-TD

**MA lock - Housings for SFIC cylinders**

Finish	Description	Part number
626	SFIC housing, MA lock, 626	C987-626
630	SFIC housing, MA lock, 630	C987-630

**RIM cylinder housings for SFIC**

Finish	Description	Part number
606	RIM, 606	C953-606
626	RIM, 626	C953-626

**RIM cylinders**

All cylinders 6 pin, 0 bitted

Finish	Keyway	Description	Part number
606	Falcon G	RIM cyl, Falcon G keyway, 0 bit, 606	951-6pin-0bit-FalconG-606
	Schlage C	RIM cyl, Schlage C keyway, 0 bit, 606	951-6pin-0bit-SchlageC-606
626	Falcon G	RIM cyl, Falcon G keyway, 0 bit, 626	951-6pin-0bit-FalconG-626
	Schlage C	RIM cyl, Schlage C keyway, 0 bit, 626	951-6pin-0bit-SchlageC-626



## Cylinders for MA lock “less standard cylinder”

All cylinders 6 pin, 0 bitted

Finish	Function	Keyway	Description	Part number
626	1-1/8" (for Gala/Sectional trim)	Falcon G	Std cyl, MA lock Gala, Falcon G keyway, 0 bit, 626	985-6pin-0bit-FalconG-626
		Schlage C	Std cyl, MA lock Gala, Schlage C keyway, 0 bit, 626	985-6pin-0bit-SchlageC-626
	1-1/4" (for Napa trim)	Falcon G	Std cyl, MA lock Napa, Falcon G keyway, 0 bit, 626	986-6pin-0bit-FalconG-626
		Schlage C	Std cyl, MA lock Napa, Schlage C keyway, 0 bit, 626	986-6pin-0bit-SchlageC-626
630	1-1/8" (for Gala/Sectional trim)	Falcon G	Std cyl, MA lock Gala, Falcon G keyway, 0 bit, 630	985-6pin-0bit-FalconG-630
		Schlage C	Std cyl, MA lock Gala, Schlage C keyway, 0 bit, 630	985-6pin-0bit-SchlageC-630
	1-1/4" (for Napa trim)	Falcon G	Std cyl, MA lock Napa, Falcon G keyway, 0 bit, 630	986-6pin-0bit-FalconG-630
		Schlage C	Std cyl, MA lock Napa, Schlage C keyway, 0 bit, 630	986-6pin-0bit-SchlageC-630

## Cylinders for W and W small Lock “less standard cylinder” - 626 (satin chrome) finish

All cylinders 6 pin, 0 bitted

Lever/knob	Function	Description	Keyway	Part number
Dane/ Quantum levers	All except classroom (W561)	Std cyl, W lock lever, Falcon G keyway, 0bit, 626	6 pin, 0 bitted, Falcon G keyway	Q330-154-0bit-626
		Std cyl, W lock lever, Schlage C keyway, 0bit, 626	6 pin, 0 bitted, Schlage C keyway	Q330-152-0bit-626
Hana knob	All except classroom (W561)	Std cyl, W lock knob, Falcon G keyway, 0bit, 626	6 pin, 0 bitted, Falcon G keyway	Q330-238-0bit-626
		Std cyl, W lock knob, Schlage C keyway, 0bit, 626	6 pin, 0 bitted, Schlage C keyway	Q330-237-0bit-626

## Construction cores

All cylinders 6 pin, 0 bitted. Keyed construction cores may be ordered for use with interchange core locks and cylinders.

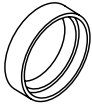
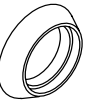

All keyed construction cores are assessed a non-refundable handling charge (50-231F) per core.

Disposable construction cores do not have any associated fees

Description	Part number
Construction core, 7 pin, black	C607CCA
Handling charge per 7 pin construction core	50-231F
Cut key, 7 pin construction core	KB632-2CCA
Cut control key, 7 pin construction core	KB609-2CCA
Disposable construction core	1408



## Cylinder collars for rim cylinders and MA lock

For use with SFIC and standard cylinders

Finish	Shape	Size	Description	Part number
606	Rim cylinder collar	n/a	RIM collar, 606	008862-000-606
626	Rim cylinder collar	n/a	RIM collar, 626	008862-000-626
626	Straight protective collar for escutcheon trim 	9/32"	Straight collar, 9/32", 626	A08790-000-626
		13/32"	Straight collar, 13/32", 626	A08790-001-626
		17/32"	Straight collar, 17/32", 626	A08790-002-626
		21/32"	Straight collar, 21/32", 626	A08790-003-626
		55/64"	Straight collar, 55/32", 626	A08790-004-626
	Tapered protective collar for sectional/rose trim 	9/32"	Tapered collar, 9/32", 626	A08794-000-626
		13/32"	Tapered collar, 13/32", 626	A08794-001-626
		17/32"	Tapered collar, 17/32", 626	A08794-002-626
		21/32"	Tapered collar, 21/32", 626	A08794-003-626
	Blocking ring 	1/8"	Blocking ring, 1/8", 626	008876-000-626
		3/16"	Blocking ring, 3/16", 626	008876-005-626
		1/4"	Blocking ring, 1/4", 626	008876-001-626
		3/8"	Blocking ring, 3/8", 626	008876-002-626
		1/2"	Blocking ring, 1/2", 626	008876-003-626
		5/8"	Blocking ring, 5/8", 626	008876-004-626

## Key blanks - SFIC

Keyblanks for SFIC 7 pin cylinders. Order in multiples of 50.

Key type	Keyway	Description	Part number
 Falcon bow	A	Key blank, SFIC, 7 pin, A keyway, Falcon bow	KB628A
	D	Key blank, SFIC, 7 pin, D keyway, Falcon bow	KB628D
	E	Key blank, SFIC, 7 pin, E keyway, Falcon bow	KB628E
	F	Key blank, SFIC, 7 pin, F keyway, Falcon bow	KB628F
	G	Key blank, SFIC, 7 pin, G keyway, Falcon bow	KB628G
	J	Key blank, SFIC, 7 pin, J keyway, Falcon bow	KB628J
	TD	Key blank, SFIC, 7 pin, TD keyway, Falcon bow	KB628TD
 Best style bow	A	Key blank, SFIC, 7 pin, A keyway, Best bow	KB800A
	D	Key blank, SFIC, 7 pin, D keyway, Best bow	KB800D
	E	Key blank, SFIC, 7 pin, E keyway, Best bow	KB800E
	F	Key blank, SFIC, 7 pin, F keyway, Best bow	KB800F
	G	Key blank, SFIC, 7 pin, G keyway, Best bow	KB800G
	J	Key blank, SFIC, 7 pin, J keyway, Best bow	KB800J
	TD	Key blank, SFIC, 7 pin, TD keyway, Best bow	KB800TD

## Key blanks - standard cylinder

Keyblanks for standard 6 pin cylinders. Order in multiples of 50.

Keyway	Description	Part number
Falcon G	Key blank, std cyl, 6 pin, Falcon G keyway	KB577G

## Latches

### W lock latches

All latches square corner with 2-3/8" backset, 1" x 2-1/4", 630 finish is standard latch finish for all W lock 626 finish locksets

Finish	Function	Description	Part number
613	W101, W301	Springlatch, W lock, 613	Q330-207-613
	W161, W511, W561, W581	Deadlatch, W lock, 613	Q330-201-613
630	W101, W301	Springlatch, W lock, 630	Q330-207-630
	W161, W511, W561, W581	Deadlatch, W lock, 630	Q330-201-630

### T lock latches

All latches square corner, 1" x 2-1/4", 630 finish is standard latch finish for all T lock 626 finish locksets

Finish	Function	Description	Part number
630	T101, T301	Springlatch, T lock, 630	23981137
	T511, T561, T581, T381	Deadlatch, T lock, 630	23981145

### K lock latches

All latches square corner with 2 3/4" backset, 1" X 2 1/4", 626 finish

Finish	Function	Description	Part number
626	K101	Springlatch, K lock, 626	043156513901
	K511, K561, K581	Deadlatch, K lock, 626	043156513918

### B lock latches

All latches square corner, 1" x 2-1/4", 630 finish is standard latch finish for all B lock 626 finish locksets

Finish	Function	Description	Part number
613	B101	Springlatch, B lock, 613	A57420-000-613
	B301	Restoring Latch, B lock, 613	A57620-000-613
	B161, B511, B561, B581	Deadlatch, B lock, 613	A57420-00d-613
	B101	Springlatch, B lock, 630	A57420-000-630
630	B301	Restoring Latch, B lock, 630	A57620-000-630
	B161, B511, B561, B581	Deadlatch, B lock, 630	A57420-00d-630

## Strikes

### W lock strikes

T-strikes have square corners with dimensions 1-1/8" x 2-3/4"; Radius corner strikes have full lip and dimensions 1-5/8" x 2-1/4", 630 finish is standard strike finish for all W lock 626 finish locksets

Finish	Function	Description	Part number
613	Radius corner, full lip strike, 1-5/8"x2-1/4"	Radius corner strike, W lock, 613	Q330-150-613
630	Radius corner, full lip strike, 1-5/8" x 2-1/4"	Radius corner strike, W lock, 630	Q330-150-630

### T lock strikes

T-strikes have square corners with dimensions 1-1/8" x 2-3/4", available 630 finish;  
Radius corner strikes have full lip and dimensions 1-5/8" x 2-1/4", available 626 finish

Finish	Function	Description	Part number
626/630	Radius corner, full lip strike, 1-5/8" x 2-1/4"	Radius corner strike, T lock, 626	Q001-048-626

### K lock strikes

T-Strikes have square corners with demensions 1-1/8" X 2-3/4"; Radius corner strikes have full lip and dimensions 1-5/8" X 2-1/4", 630 finish is the standard strike finish for all K Series 626 finish locksets

Finish	Function	Description	Part number
630	Radius corner, full lip strike, 1 5/8" X 2-1/4"	Radius corner strike, K lock, 630	Q330-150-630

### B lock strikes

T-strikes have square corners with dimensions 1-1/8" x 2-3/4"; Radius corner strikes have full lip and dimensions 1-5/8" x 2-1/4"

Finish	Function	Description	Part number
613	Radius corner, full lip strike, 1-5/8" x 2-1/4"	Radius corner strike, B lock, 613	Q001-048-613
626	Radius corner, full lip strike, 1-5/8" x 2-1/4"	Radius corner strike, B lock, 626	Q001-048-626

FALCON

Exits

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- Dependable light-duty commercial exit device
- Grade 1, optional UL "B" label (1 1/2-hour) fire exit construction
- Two finishes available: **SP28** = Powder-coated aluminum **SP313** = Powder-coated dark bronze



### 19-R Series rim exit device

Trim function	Handing	Finish	Series	3'	4'
				SKU	
Exit only	–	SP28	Exit only	D19.10001	D19.10344
Exit only	–	SP313	Exit only	D19.10002	D19.10358

### F-19-R Series rim fire exit hardware

Trim function	Handing	Finish	Series	3'	4'
				SKU	
Exit only	–	SP28	F-19-R-EO-SP28	D19.10085	D19.10384
Exit only	–	SP313	F-19-R-EO-SP313	D19.10086	D19.11130

### 19-V Series surface vertical rod exit device

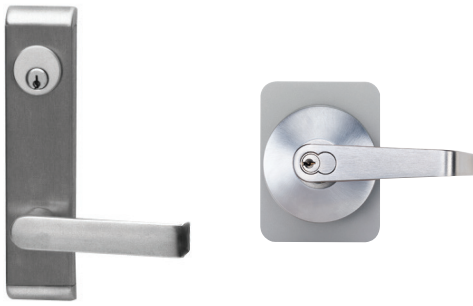
Trim function	Handing	Finish	Series	Door height	3'	4'
					SKU	
Exit only	LHR	SP28	19-V-EO-SP28-LHR	7'	D19.10169	D19.10430
Exit only	RHR	SP28	19-V-EO-SP28-RHR	7'	D19.10347	D19.10469
Exit only	LHR	SP313	19-V-EO-SP313-LHR	7'	D19.10170	D19.10431
Exit only	RHR	SP313	19-V-EO-SP313-RHR	7'	D19.10421	D19.11204
Exit only	LHR	SP28	19-V-EO-SP28-LHR	8'	D19.10345	D19.10774
Exit only	RHR	SP28	19-V-EO-SP28-RHR	8'	D19.10703	D19.12660
Exit only	LHR	SP313	19-V-EO-SP313-LHR	8'	D19.10524	D19.10601
Exit only	RHR	SP313	19-V-EO-SP313-RHR	8'	D19.10542	D19.12460

### F-19-V Series surface vertical rod fire exit hardware

Trim function	Handing	Finish	Series	Door height	3'	4'
					SKU	
Exit only	LHR	SP28	F-19-V-EO-SP28-LHR	7'	D19.10256	D19.10368
Exit only	RHR	SP28	F-19-V-EO-SP28-RHR	7'	D19.10425	D19.10369
Exit only	LHR	SP313	F-19-V-EO-SP313-LHR	7'	D19.10257	D19.11202
Exit only	RHR	SP313	F-19-V-EO-SP313-RHR	7'	D19.10426	D19.11203
Exit only	LHR	SP28	F-19-V-EO-SP28-LHR	8'	D19.10417	D19.11419
Exit only	RHR	SP28	F-19-V-EO-SP28-RHR	8'	D19.10418	D19.13213
Exit only	LHR	SP313	F-19-V-EO-SP313-LHR	8'	D19.11001	D19.11421
Exit only	RHR	SP313	F-19-V-EO-SP313-RHR	8'	D19.14179	D19.15454

Note: For door heights over 8' extension rods in 12" lengths must be ordered separately.

## Falcon Series 19 trim

**FALCON®**

- Finishes available:  
**SP28** = Powder-coated aluminum  
**SP313** = Powder-coated dark bronze  
**US32D** = Satin stainless steel
- **KIL** = Key-in-lever

**19 Series trim**

Series	Lever design	Handing	Finish	SKU
912-L	Dane	LHR	SP28	MTRIM.17909
912-L	Dane	RHR	SP28	MTRIM.17881
912-L	Dane	LHR	SP313	MTRIM.17920
912-L	Dane	RHR	SP313	MTRIM.17919
912-L	Quantum	LHR	SP28	MTRIM.18010
912-L	Quantum	RHR	SP28	MTRIM.18009
912-L	Quantum	LHR	SP313	MTRIM.18175
912-L	Quantum	RHR	SP313	MTRIM.18045
914-KIL-IC	KIL Dane	RHR	US32D	MTRIM.13874
914-KIL-IC	KIL Dane	RHR	SP313	MTRIM.14724
914-KIL-KD	KIL Dane	RHR	US32D	MTRIM.17413
914-KIL-KD	KIL Dane	RHR	SP313	MTRIM.17410
914-KIL-BE	KIL Dane	RHR	US32D	MTRIM.13354
914-KIL-BE	KIL Dane	RHR	SP313	MTRIM.14546
914-KIL-IC	KIL Dane	LHR	US32D	MTRIM.12887
914-KIL-IC	KIL Dane	LHR	SP313	MTRIM.13373
914-KIL-KD	KIL Dane	LHR	US32D	MTRIM.17560
914-KIL-KD	KIL Dane	LHR	SP313	MTRIM.17498
914-KIL-BE	KIL Dane	LHR	US32D	MTRIM.12821
914-KIL-BE	KIL Dane	LHR	SP313	MTRIM.13374
920NL	None	RHR	SP28	MTRIM.13429
920NL	None	LHR	SP28	MTRIM.13428
920NL	None	RHR	SP313	MTRIM.14507
920NL	None	LHR	SP313	MTRIM.13862
920DT	None	RHR	SP28	MTRIM.14568
920DT	None	LHR	SP28	MTRIM.13860
920DT	None	RHR	SP313	MTRIM.15089
920DT	None	LHR	SP313	MTRIM.13861
930NL	Handle pull	Non-handed	US32D	MTRIM.12828
930NL	Handle pull	Non-handed	SP313	MTRIM.13063

**Cylinder reference notes:** KIL-IC trims come with A Keyway cylinders and KIL-KD trims come with C Keyway cylinders

**Cylinders**

Finish	Description	Keyway	Compatible trim series	Part number
US26D/626	Rim cylinder, 6-pin, 0 bit	Falcon G	920NL	951-6pin-0bit-FalconG-626
US26D/626	Rim cylinder, 6-pin, 0 bit	Schlage C	920NL	951-6pin-0bit-SchlageC-626
US26D/626	1 1/8" Mortise w/straight cam, 6-pin, 0 bit	Falcon G	912-L	TBD
US10B/613	1 1/8" Mortise w/straight cam, 6-pin, 0 bit	Falcon G	912-L	TBD

- Heavy duty architectural exit device
- Grade 1, optional UL "A" label (3-hour) fire exit construction
- All devices include standard strike
- Two finishes available:  
**US32D** = Satin stainless steel **US26D** = Satin chrome



### 25-R Series rim exit device

Trim function	Handing	Finish	Series	3'	4'
				SKU	
Exit only	–	US32D	25-R-EO-US32D	D25.10005	D25.12086
Exit only	–	US26D	25-R-EO-US26D	D25.10006	D25.11882

### F-25-R Series rim fire exit hardware

Trim function	Handing	Finish	Series	3'	4'
				SKU	
Exit only	–	US32D	F-25-R-EO-US32D	D25.10167	D25.11633
Exit only	–	US26D	F-25-R-EO-US26D	D25.10168	D25.12150

### 25-V Series surface vertical rod exit device

Trim function	Handing	Finish	Series	Door height	3'	4'
					SKU	
Exit only	RHR	US32D	25-V-EO-US32D-RHR	7'	D25.10329	D25.11623
Exit only	LHR	US32D	25-V-EO-US32D-LHR	7'	D25.12087	D25.12088
Exit only	RHR	US26D	25-V-EO-US26D-RHR	7'	D25.10330	D25.11836
Exit only	LHR	US26D	25-V-EO-US26D-LHR	7'	D25.11727	D25.11837
Exit only	RHR	US32D	25-V-EO-US32D-RHR	8'	D25.12453	D25.18519
Exit only	LHR	US32D	25-V-EO-US32D-LHR	8'	D25.12248	D25.22931
Exit only	RHR	US26D	25-V-EO-US26D-RHR	8'	D25.12537	D25.12539
Exit only	LHR	US26D	25-V-EO-US26D-LHR	8'	D25.16918	D25.13494

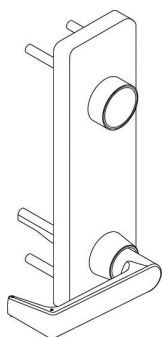
### F-25-V Series surface vertical rod fire exit hardware

Trim function	Handing	Finish	Series	Door height	3'	4'
					SKU	
Exit only	RHR	US32D	F-25-V-EO-US32D-RHR	7'	D25.10491	D25.12091
Exit only	LHR	US32D	F-25-V-EO-US32D-LHR	7'	D25.12089	D25.12090
Exit only	RHR	US26D	F-25-V-EO-US26D-RHR	7'	D25.10492	D25.12783
Exit only	LHR	US26D	F-25-V-EO-US26D-LHR	7'	D25.12205	D25.11880
Exit only	RHR	US32D	F-25-V-EO-US32D-RHR	8'	D25.16627	D25.12846
Exit only	LHR	US32D	F-25-V-EO-US32D-LHR	8'	D25.13962	D25.14862
Exit only	RHR	US26D	F-25-V-EO-US26D-RHR	8'	D25.12543	D25.12835
Exit only	LHR	US26D	F-25-V-EO-US26D-LHR	8'	D25.14685	D25.21844
Exit only	RHR	US32D	F-25-V-EO-LBRAFL-US32D-RHR	7'	D25.11742	-
Exit only	LHR	US32D	F-25-V-EO-LBRAFL-US32D-LHR	7'	D25.12239	-
Exit only	RHR	US26D	F-25-V-EO-LBRAFL-US26D-RHR	7'	D25.12553	-
Exit only	LHR	US26D	F-25-V-EO-LBRAFL-US26D-LHR	7'	D25.11840	-

Note: For door heights over 8' extension rods in 12" lengths must be ordered separately.



## Falcon 25 Series trim

**FALCON®**

- Finishes available: **US32D** = Satin stainless steel, **US26D** = Satin chrome

**25 Series trim**

Series	Lever design	Handing	Finish	SKU
510L	Dane	RHR	US26D	MTRIM.17379
510L	Dane	LHR	US26D	MTRIM.17385
510L	Dane	RHR	US32D	MTRIM.17365
510L	Dane	LHR	US32D	MTRIM.17364
510L	Quantum	RHR	US26D	MTRIM.17432
510L	Quantum	LHR	US26D	MTRIM.17465
510L	Quantum	RHR	US32D	MTRIM.17494
510L	Quantum	LHR	US32D	MTRIM.17463
510L-NL	Dane	LHR	US26D	MTRIM.17405
510L-NL	Dane	RHR	US26D	MTRIM.17380
510L-NL	Dane	LHR	US32D	MTRIM.17434
510L-NL	Dane	RHR	US32D	MTRIM.17392
510L-NL	Quantum	LHR	US26D	MTRIM.17454
510L-NL	Quantum	RHR	US26D	MTRIM.17453
510L-NL	Quantum	LHR	US32D	MTRIM.17492
510L-NL	Quantum	RHR	US32D	MTRIM.17493
510L-DT	Dane	LHR	US26D	MTRIM.17497
510L-DT	Dane	RHR	US26D	MTRIM.17412
510L-DT	Dane	LHR	US32D	MTRIM.17545
510L-DT	Dane	RHR	US32D	MTRIM.17602
510L-DT	Quantum	LHR	US26D	MTRIM.17566
510L-DT	Quantum	RHR	US26D	MTRIM.17751
510L-DT	Quantum	LHR	US32D	MTRIM.17662
510L-DT	Quantum	RHR	US32D	MTRIM.17559
510L-BE	Dane	LHR	US26D	MTRIM.17388
510L-BE	Dane	RHR	US26D	MTRIM.17389
510L-BE	Dane	LHR	US32D	MTRIM.17396
510L-BE	Dane	RHR	US32D	MTRIM.17395
510L-BE	Quantum	LHR	US26D	MTRIM.17508
510L-BE	Quantum	RHR	US26D	MTRIM.17507
510L-BE	Quantum	LHR	US32D	MTRIM.17452
510L-BE	Quantum	RHR	US32D	MTRIM.17455
512NL	Handle pull	Non-handed	US32D	MTRIM.17433
512NL	Handle pull	Non-handed	US26D	MTRIM.17398

**Cylinders**

Finish	Description	Keyway	Compatible trim series	Part number
US26D/626	1 1/4" Mortise x straight cam, 6-pin, 0bit	Falcon G	510L/L-NL/512NL	986 - TBD
US32D/630	1 1/4" Mortise x straight cam, 6-pin, 0bit	Falcon G	510L/L-NL/512NL	986 - TBD

## Parts

Part	Description	Finish	SKU
19-V	12" Extension rod	SP28	650006-689
19-V	12" Extension rod	SP313	650006-695
25-V	12" Extension rod	US32D	650006-032
EAK*	36" Exit alarm kit—25 Series device	US32D	650167-41
EAK*	36" Exit alarm kit—25 Series device	US26D	650167-51

Notes: **SP28** = Powder-coated aluminum, **SP313** = Powder-coated dark bronze, **US32D** = Satin stainless steel  
 \* If ordering exit alarm to be shipped with device, prefix nomenclature "EA".

## Sex bolts

Model No.	Description	Finish	SKU
2729F	Sex bolt w/10-24 X 3/4" FPHMS	US10B	600180
2729P	Sex bolt w/10-24 X 3/4" PPHMS	US10B	600177
2729P	Sex bolt w/10-24 X 3/4" PPHMS	US26D	600179
2729F	Sex bolt w/10-24 X 3/4" FPHMS	US26D	600178
425	425 Sex bolt 10-24 (Pkg of 2)	US32D	034302-32

Notes: **US10B** = Oil-rubbed bronze, **US26D** = Satin chrome, **US32D** = Satin stainless steel

## Sex bolt usage chart

Device	Sex bolt type w/QTY required		
	2729P	2729F	425
(F-)19-R	2	0	0
19-V	2	0	0
F-19-V	0	4	0
(F-) 25-R exit only	0	0	8
(F-) 25-R Device + trim	0	0	4
(F-) 25-V Device + trim	2	4	2
(F-) 25-V Exit only	2	4	6
(F-) 25-V Device + trim LBR	2	1	2
(F-) 25-V Exit only LBR	2	1	6

## Mullions

Model No.	Description	Finish	SKU
4032 - 7'	Steel mullion (2" x 3") 7'H for use with 25/19 rim devices	SP28	MMULL.1042
2923 - 7'	Steel mullion (1 1/2" x 2 1/2") 7'H for use with 25/19 rim devices	Black prime	MMULL.1045

## Falcon 1690 and 1790 Series

**FALCON®**

- Commercial grade pushpad exit device
- All devices are for a 36" wide door and 3' x 7' aluminum or hollow metal doors.  
(Device includes PB48 strike and cylinder)
- Handing is easily field reversible
- **US28** = Anodized aluminum, **DC13**=Duranodic bronze
- NL/HB trim function is supplied with a C Keyway cylinder



### 1690 Series concealed vertical rod exit device

Trim function	Handing	Finish	Series	SKU
Exit only	–	US28	1690-EO-US28-RHR	D1690.10360
Exit only	–	DC13	1690-EO-DC13-RHR	D1690.10140
Night latch/hold back	–	US28	1692-NL-OP/HB-OP-US28-RHR	D1690.10385
Night latch/hold back	–	DC13	1692-NL-OP/HB-OP-DC13-RHR	D1690.10363

### 1690 Series concealed vertical rod exit device - electric latch retraction

Trim function	Handing	Finish	Series	SKU
Exit only	–	US28	EL1690-EO-US28-RHR*	D1690.10858
Exit only	–	DC13	EL1690-EO-DC13-RHR*	D1690.10883
Night latch/hold back	–	US28	EL1692-NL-OP/HB-OP-US28-RHR*	D1690.10878
Night latch/hold back	–	DC13	EL1692-NL-OP/HB-OP-DC13-RHR*	D1690.10869

\* PS914 Von Duprin power supply with 2RS option board required to operate EL devices



### 1790 Series rim exit device

Trim function	Handing	Finish	Series	SKU
Exit only	–	US28	1790-EO-US28	D1790.10075
Exit only	–	DC13	1790-EO-DC13	D1790.10082
Night latch/hold back	–	US28	1792-NL-OP/HB-OP-US28	D1790.10091
Night latch/hold back	–	DC13	1792-NL-OP/HB-OP-DC13	D1790.10092

- Crossbar style exit device
- All devices are priced for 3'8" x 7' aluminum or hollow metal doors. (Price includes PB48 strike and cylinder)
- **P28** = painted aluminum - silver, **P13**=painted aluminum - dark bronze
- NL/HB trim function is supplied with a C Keyway cylinder



### 1990 Series concealed vertical rod exit device

Trim function	Handing	Finish	Series	SKU
Exit only	–	P28	1990-EO-P28-RHR	D1990.11001
Exit only	–	P13	1990-EO-P13-RHR	D1990.11003
Night latch/hold back	–	P28	1992-NL-OP/HB-OP-P28-RHR	D1990.11009
Night latch/hold back	–	P13	1992-NL-OP/HB-OP-P13-RHR	D1990.11011

Note: 1990 Device is easily field reversible.



### 2090 Series rim exit device

Trim function	Handing	Finish	Series	SKU
Exit only	LHR	P28	2090-EO-P28-LHR	D2090.11021
Exit only	RHR	P28	2090-EO-P28-RHR	D2090.11001
Exit only	LHR	P13	2090-EO-P13-LHR	D2090.11023
Exit only	RHR	P13	2090-EO-P13-RHR	D2090.11003
Night latch/hold back	LHR	P28	2092-NL-OP/HB-OP-P28-LHR	D2090.11029
Night latch/hold back	RHR	P28	2092-NL-OP/HB-OP-P28-RHR	D2090.11009
Night latch/hold back	LHR	P13	2092-NL-OP/HB-OP-P13-LHR	D2090.11031
Night latch/hold back	RHR	P13	2092-NL-OP/HB-OP-P13-RHR	D2090.11011

### Pinion cam

Description	Finish	Handing	SKU
PB5 Pinion cam for 1690/1990/2090 devices (package of 10)	–	–	CAM.102

FALCON

Closers

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## SC60 Series surface door closers

- Light-medium duty door closer
- Adjustable sizes 1-5
- ANSI/BHMA 156.4, Grade 1 certified
- Meets ANSI 117.1
- Closers without Hold-Open arms are UL 10C fire rated.



SC60 Series	Arm function	Finish	Handing	Cylinder assembly	Cover	SKU
SC61	Rw/PA	ALUM	-	Std	Less	43571
SC61	Rw/PA	DKBRZ	-	Std	Less	43573
SC61	Hw/PA	ALUM	-	Std	Less	43583
SC61	Rw/PA	ALUM	-	Std	Slim	43601

Note: All SC60 Series closers ship with thru bolt, wood and machine screws (TBWMS).

## SC70 Series surface door closers

- Heavy duty door closer
- Adjustable sizes 1-6
- ANSI/BHMA 156.4, Grade 1 certified
- Meets ANSI 117.1
- Closers without Hold-Open arms are UL 10C fire rated.



SC70 Series	Arm Function	Finish	Handing	Cylinder assembly	Cover	SKU
SC71	Rw/PA	ALUM	-	Std	Full	43002
SC71	Rw/PA	DKBRZ	-	Std	Full	43003
SC71	Hw/PA	ALUM	-	Std	Full	43108
SC71	HD/PA	ALUM	-	Std	Full	43008
SC71	DS	ALUM	-	Std	Full	43014
SC71	DS/HO	ALUM	-	Std	Full	43020

Note: All SC70 Series closers ship with thru bolt, wood and machine screws (TBWMS).

## SC80 Series surface door closers

- Medium duty door closer
- Adjustable sizes 1-6
- ANSI/BHMA 156.4, Grade 1 certified
- Meets ANSI 117.1
- Closers without Hold-Open arms are UL 10C fire rated.



SC80 Series	Arm Function	Finish	Handing	Cylinder assembly	Cover	SKU
SC81	Rw/PA	ALUM	-	Std	Slim	43420
SC81	Rw/PA	DKBRZ	-	Std	Slim	43476
SC81	Rw/PA	ALUM	-	Std	Full	43434
SC81	Rw/PA	DKBRZ	-	Std	Full	43490
SC81	DS	ALUM	-	Std	Slim	43416
SC81	Hw/PA	ALUM	-	Std	Slim	43419
SC81	Hw/PA	DKBRZ	-	Std	Slim	43475
SC81	Hw/PA	ALUM	-	Std	Full	43433
SC81	Hw/PA	DKBRZ	-	Std	Full	43489

Note: All SC80 Series closers ship with thru bolt, wood and machine screws (TBWMS).

## SC90 Series surface door closers

- Light duty door closer
- Fixed sizes; Size 4 available
- ANSI/BHMA 156.4, Grade 3 certified
- Closers without Hold-Open arms are UL 10C fire rated.

SC90 Series	Arm Function	Finish	Handing	Cylinder assembly	Cover	SKU
SC94	Rw/PA	ALUM	-	Std	Less	41891
SC94	Rw/PA	DKBRZ	-	Std	Less	41942

Note: All SC90 Series closers ship with thru bolt, wood and machine screws (TBWMS).

Notes: **ALUM** = Aluminum painted finish (689); **DKBRZ** = Dark bronze finish (695)

**Rw/PA** = Regular arm with parallel arm bracket

**Hw/PA** = Hold open arm with parallel arm bracket (Please note hold open arm configurations are not UL listed.)

**DS** = Dead stop arm

**DS/HO** = Dead stop hold open arm (Please note hold open arm configurations are not UL10C listed.)

Parts and components

Series	Product number	Product description	Finish	SKU
SC60	SC60-18	Mounting plate - top jamb	ALUM	42084
SC60	SC60-18PA	Mounting plate - push side	ALUM	42123
SC60	SC60-18	Mounting plate - top jamb	DKBRZ	42136
SC60	SC60-18PA	Mounting plate - push side	DKBRZ	42133
SC70	SC70-18	Narrow frame back plate	ALUM	43066
SC70	SC70-18PA	Narrow top rail drop plate	ALUM	43069
SC70	SC70-18	Narrow frame back plate	DKBRZ	43067
SC70	SC70-18PA	Narrow top rail drop plate	DKBRZ	43070
SC80	SC80-18	Mounting plate - top jamb	ALUM	42159
SC80	SC80-18PA	Mounting plate - push side	ALUM	42162
SC80	SC80-18	Mounting plate - top jamb	DKBRZ	42179
SC80	SC80-18PA	Mounting plate - push side	DKBRZ	42182



**IVES**

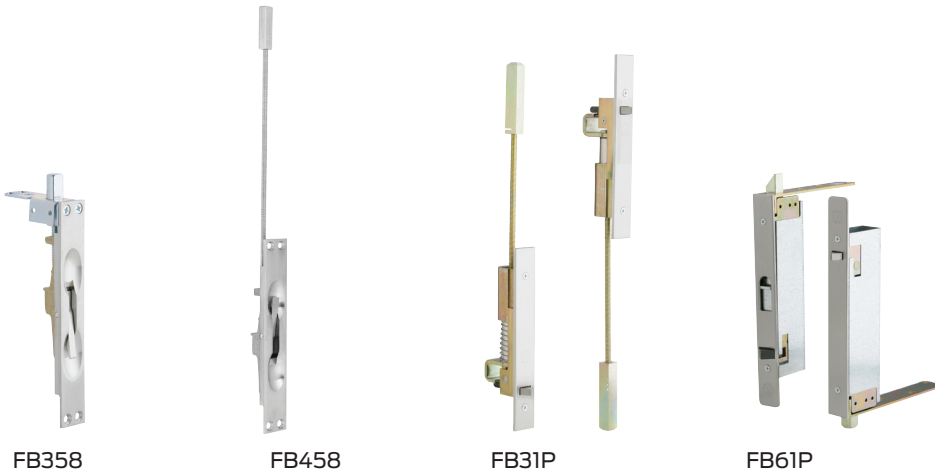
## Door accessories

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ProExpress™

## Flush bolts and strikes

**IVES**


### Flush bolts

Number	Description	Door Type	Finish
FB358	Manual - single	Wood	US10B
FB358	Manual — single	Wood	US26D
FB457	Manual flush bolt, single door	Metal	US26D
FB458	Manual — single	Metal	US26D
FB458	Manual flush bolt, single door	Metal	US3
262B26D	Manual flush bolt		B26D
FB458	Manual flush bolt 12 in	Metal	US15
FB31P	Automatic — pair	Metal	US32D
FB41P	Automatic — pair	Wood	US32D
FB51P	Constant latching — pair	Metal	US32D
FB61P	Constant latching — pair	Wood	US32D
262B3	Manual flush bolt		B3
262B10B	Manual flush bolt		B10B
FB256/7/8/457/8/0458-24"	Manual flush bolt rod - 24"		
FB256/7/8/457/8/0458-36"	Manual flush bolt rod - 36"		



### Dust-proof strikes

Number	Description	Finish
DP1	Dust-proof strike — threshold only	US26D
DP2	Dust-proof strike — floor and/or threshold	US26D
DP2	Dust-proof strike — floor and/or threshold	US10B



CB1

### Coordinators and accessories

Number	Description	Finish
COR52w/FL 20	Coordinator - 52" overall length w/FL 20	US28
COR52	Coordinator — 52" overall length	US28
FL20	Filler bar — 20" overall length	US28
MB1	Mounting bracket — stops over 2-1/2"	USP
MB1	Mounting bracket — stops over 2-1/2"	SP28
MB2	Mounting bracket — stops up to 2-1/2"	USP
MB2	Mounting bracket — stops over 2-1/2"	SP 28
CB1	Carry bar	USP



LG1



LG10



LG13

### Lock guards

Number	Description	Finish
LG1	Lock guard with security pin	US32D
LG1	Lock guard with security pin	US2G
LG10	Lock guard	US32D
LG12	Lock guard	US32D
LG13	Lock guard	US32D
LG14	Lock guard	US32D



SB453

### Surface bolts

Number	Description	Finish
SB360-12"	12" Surface bolt - heavy duty, packed with universal strike	US2C
SB453-8"-TB	8" Steel surface bolt, top-and-bottom strikes	US2C
SB1630B	8" Steel bottom bolt	US2G
SB1630T	8" Steel top bolt	US2G
SB1630TB	8" Steel bolt with top-and-bottom strikes	US2G
40-4 B26D	Modern surface bolt	B26D
054B26D	Dutch door bolt	B26D

## Latches

IVES®



CL11

CL14

CL21A

RL30

RL36

RL38

RL1152

## Roller latches, invisible latches, and ball-type or cabinet catch

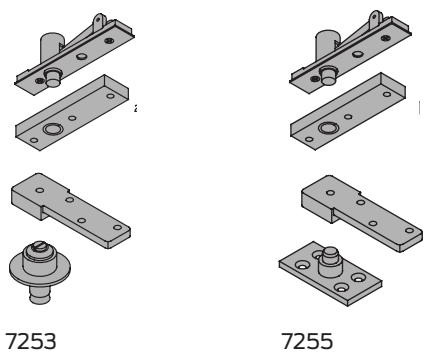
Number	Description	Finish
CL11	Invisible latch, 7/16" x 1-1/4" x 1-7/8"	US26D
CL12	Invisible latch, 9/16" x 1-1/4" x 2-1/4"	US26D
CL14	Auxiliary pusher for invisible latches	US26D
CL21A	Four-way catch — full size doors w/hook plate	US26D
CL22	Three-way catch	US26D
2A3	Elbow cabinet catch	A3
2A92	Elbow cabinet catch	A92
42B10B	Pocket door bolt	B10B
42B15	Pocket door bolt	B15
42B26	Pocket door bolt	B26
RL30	Roller latch	US26D
RL32	Nylon roller	US26D
RL36	Roller latch, light-duty, mortise	US32D
RL38	Roller latch, light-duty, surface mounted	US32D
RL1152	Combination roller latch/applied stop	US26D
325A92	Magnetic catch	A92
326A92	Heavy duty magnetic catch	A92
327A92	Magnetic catch dual triple pole	A92
335B10B	Roller catch adjustable	B10B
347B10B	Ball catch	B10B
347B26	Ball catch	B26
347B26D	Ball catch	B26D
349B26D	Ball catch	B26D
347B15	Ball catch	B15



SR64

## Door Silencers

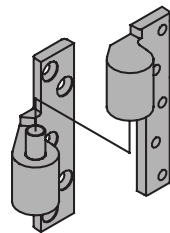
Number	Description		Finish
SR64	Door silencers for metal frames, bag of 100		Gray
SR65	Door silencer for wood frames, bag of 100	Wood	Gray



**Pivot set**

Number	Description	Handing	Finish
7253 Pivot set	Center-hung pivot set	-	US26D
7255 Pivot set	Center-hung pivot set	-	US26D
7215 Pivot set RH	3/4" Offset pivot rh		US26D
7215 Pivot set LH	3/4" Offset pivot lh		US26D
7226	3/4" Offset pivot		US26D
7230F	Fire rated 3/4" offset pivot		US32D

Note: Set includes top-and-bottom pivots.



7215-7226-7227 INT

**Intermediate pivots**

Number	Description	Handing	Finish
7215-7226-7227 INT	Intermediate pivot for 7215, 7226 and 7227	RH	US26D
7215-7226-7227 INT	Intermediate pivot for 7215, 7226 and 7227	LH	US26D
7230F-7237F INT RH	Fire rated 3/4" offset pivot INT RH		US32D
7230F-7237F INT LH	Fire rated 3/4" offset pivot INT LH		US32D



91105F

**Pocket pivot**

Number	Size	Finish
91105F	Pocket pivot	US32D

Note: Pocket pivots are sold individually.

# Floor stops

**IVES**


FS436



FS18S



FS40



FS441



FS444



FS446



FS452



FS544



FS1153



FS1154

## Floor stops, dome stops and kick downs

Number	Description	Finish
FS13	1" Height floor dome stop	US26D
FS434	Angle door stop	US2C
FS436	Dome stop	US26D
FS436	Dome stop	US3
FS436	Dome stop	US10B
FS436	Dome stop	US15
FS436	Dome stop	US26
FS436	Dome stop	US28
FS438	Dome stop	US26D
FS438	Dome stop	US10B
FS438	Dome stop	US26
FS438	Dome stop	US28
R435-1/2	1/2" riser for FS436 dome stop	US27
FS18L	Security floor stop — 3-1/2" bumper	-
FS18S	Security floor stop	-
FS40	Automatic floor type holder — 1/2" door to floor clearance	US26D
FS441	Floor door stop	US26D
FS441	Floor door stop	US10B
FS444	Heavy-duty door stop	US26D
FS444	Heavy-duty door stop	US10B
FS446	Heavy-duty door stop and holder	US26D
FS446	Heavy-duty door stop and holder	US10B
FS448	Heavy-duty floor door stop	US10B
FS448	Heavy-duty floor door stop	US26D
FS450	Floor door stop w/heavy duty holder	US26D
FS452-4"	Kick down door holder	US26D
FS452-5"	Kick down door holder	US26D
FS452-5"	Kick down door holder	US10B
FS495	Auto door stop and holder	US26D
FS544-4"	Kick down door holder — iron	SP28
FS544-4"	Kick down door holder — iron	SP4
FS455-4"	Kick down door holder	US3
FS455-4"	Kick down door holder	US10B
FS455-4"	Kick down door holder	US26D
FS455-4"	Kick down door holder	US3AL
FS455-4"	Kick down door holder	US27
FS555-5"	Kick down door holder — iron	SP28
FS544/555	Kick down holder part - rubber w/screw	
FS1153	Plunger-type door holder — 1-5/8" throw	US28
FS1154	Plunger-type door holder — 1-1/4" throw	US10



WS40



WS45



WS404CVX



WS406CVX



WS445

**Wall stops**

Number	Description	Screw pkg.	Finish
WS40	Automatic holder and stop	Universal	US26D
WS45	Automatic holder and stop	Universal	US26D
WS401CCV	Cast wall stop, concave bumper	Wood	US26D
WS401CVX	Cast wall stop, convex bumper	Wood	US26D
WS402CCV	Cast wall stop, concave bumper	Drywall	US26D
WS402CVX	Cast wall stop, convex bumper	Drywall	US26D
WS404CVX	Cast wall stop, convex bumper	Metal	US26D
WS33	Wall stop for drywall mounting		US26D
060F10B	Flexible door stop		F10B
060F14	Flexible door stop		F14
61A10B	Solid door stop		A10B
61A14	Solid door stop		A14
61A92	Solid door stop		A92
61A-W	Solid door stop		A-W
70A92	Hinge pin door stop		A92
411R-W	Wall stop adhesive back		R-W
WS447	Heavy duty wall door stop for drywall mounting		US26D
60A92	Door stop		A92
69F14	Hinge pin door stop (70-100 degree adjustment)		F14
69F15	Door stop		F15
70B15	Hinge pin door stop		B15
70B10B	Hinge pin door stop		B10B
70A10B	Hinge pin door stop		A10B
63F619E	Flexible door stop		63F619E
060F15	Flexible door stop		F15
060F26D	Flexible door stop		F26D
63F716E	Flexible door stop		F716E
61A15	Solid door stop		A15
70A-716	Hinge pin door stop (85-125 degree adjustment)	A-716	2.30
70A15	Hinge pin door stop		A15
WS406/407-CVX	Wall stop w/convex drywall anchor		US10B
WS406/407-CVX	Wall stop w/convex drywall anchor		US32D
WS 406/407-CCV	Wall stop w/concave drywall anchor		US3
WS 406/407-CCV	Wall stop w/concave drywall anchor		US10
WS 406/407-CCV	Wall stop w/concave drywall anchor		US10B
WS 406/407-CCV	Wall stop w/concave drywall anchor		US32D
WS445	Heavy-duty wall stop and holder	Drywall	US26D
60-5/062/70/430	Rubber tips 100/pkg		
CS115-20	Crash stop	---	US26D

**Vandal resistant trim**

Number	Description	Finish
VR910NL	Vandal resistant trim 98/99 rim or vertical rod	US32D
VR910-DT	Vandal resistant trim 98/99 rim or vertical rod	US32D

**Hooks**

Number	Description	Finish
571	Coat and hat hook	A92
571	Coat and hat hook	A3
571	Coat and hat hook	B10B
572	Coat and hat hook	B26D
581	Wardrobe hook	A92
582	Wardrobe hook	A92
582	Wardrobe hook	B26D
405	Coat and hat hook	A92
580	Ceiling hook	A92

**Viewer**

Number	Description	Finish
698	Wide angle viewer	B26D
U696B26D	1-Way viewer (150 degrees)	B26D
U698B26D	Wide angle viewer 1-3/8" to 2-1/8"	B26D
U698B3	Wide angle viewer 1-3/8" to 2-1/8"	B3
700B26D	1-Way viewer 1-3/8" to 2-1/16"	B26D
U700B26D	1-Way viewer 1-3/8"	B26D

**Door guard**

Number	Description	Finish
482	Door guard	B26D

**Window lock**

Number	Description	Finish
07B3	Window lock	B3



**Kick plates**

Number	Size	Finish
8400	8" x 34"	US32D
8400	8" x 34" B4E	US32D
8400	10" x 34"	US32D
8400	10" x 34" B4E	US32D
8400	10" x 34" B4E CS	US32D
8400	10" x 35"	US32D



8200

**Push plates**

Number	Size	Finish
8200	Push plate 3.5X15	US32D
8200	Push plate 4X16	US32D
8200	Push plate 3.5X15	US10B
8200	Push plate 4X16	US10B
8200	Push plate 4X16	US26D
8200	Push plate 3.5X15	US28
8200	Push plate 4X16	US28
8200	Push plate 6X16	US32D
8200	Push plate 8X16	US32D



8302

**Pull plates**

Number	Size	Center to center	Finish
8302-0	Pull plate 3.5X15 1-3/4"	10"	US32D
8103HD-0	Straight door pull 1-3/4"		US32D
8302-0	Pull plate 4X16 1-3/4"	10"	US32D
8302-6	Pull plate 4X16 1-3/4"	6"	US32D
8302-8	Pull plate 3.5X15 1-3/4"	8"	US32D
8302-8	Pull plate 4X16 1-3/4"	8"	US32D
8303-0	Pull plate 4X16 1-3/4"	10"	US32D
8303-8	Pull plate 4X16 1-3/4"	8"	US32D

**Pulls**

Number	Size	Finish
221B10B	Flush pull 1-3/4"	B10B
221B26D	Flush pull 1-3/4"	B26D
222B26D	Flush pull 1-3/4"	B26D
223B26D	Flush pull 1-3/4"	B26D
227B26D	Flush pull 1-3/4"	B26D
230B26D	Door edge pull 1-3/4"	B26D
990B-613	Sliding door pull 1-3/4"	B-613
990B-619	Sliding door pull 1-3/4"	B-619
991B-613	Sliding door pull 1-3/4"	B-613
991B-619	Sliding door pull 1-3/4"	B-619
8103EZHD-0	Straight door pull 1-3/4"	US32D
991	Sliding door pull 1-3/4"	B-716
9190HD-33-0	Pushbar/pull combo 1" round	US32D

**Offset door pulls**

Number	Size	Center to center	Finish
8190HD-0	90 Degree offset door pull 1-3/4"	10"	US10B
8190HD-2	90 Degree offset door pull 1-3/4"	12"	US32D
8190HD-0	90 Degree offset door pull 1-3/4"	10"	US32D
8190HD-0	90 degree offset door pull 1-3/4" (Mounting Type O)	10"	US32D
8190HD-2	90 Degree offset door pull 1-3/4" (Mounting Type O)	12"	US32D

**Handrail bracket**

Number	Description	Finish
HB159	Handrail bracket	US27
059A-BLK	Handrail bracket	A-BLK
059A-W	Handrail bracket	A-W
59A3	Handrail bracket	A3
059A92	Handrail bracket	A92
59A716	Handrail bracket	A716
59A15	Handrail bracket	A15



3CBI

## Architectural hinges

Number	Description	Finish
3SP1 4.5 X 4.5	3 Knuckle full mortise spring hinge	US26D (652)
3PB1 4.5 x 4.5	3 Knuckle full mortise plain bearing hinge	US26D (652)
5PB1 4.5 x 4.5	5 Knuckle full mortise plain bearing hinge	US26D (652)
5PB1 4.5"x4.5" NRP	5 Knuckle full mortise 2 ball bearing hinge NRP	US26D (652)
5BB1 4.5 x 4.5	5 Knuckle full mortise 2 ball bearing hinge	USP (600)
5BB1 4.5 x 4.5	5 Knuckle full mortise 2 ball bearing hinge	US26D (652)
5BB1 4.5 x 4.5	5 Knuckle full mortise 2 ball bearing hinge	US32D (630)
5BB1 4.5 x 4.5 NRP	5 knuckle full mortise 2 ball bearing hinge NRP	USP (600)
5BB1 4.5 x 4.5 NRP	5 knuckle full mortise 2 ball bearing hinge NRP	US26D (652)
5BB1 4.5 x 4.5 NRP	5 Knuckle full mortise 2 ball bearing hinge NRP	US32D (630)
5BB1 HW 4.5" x 4.5"	5 Knuckle full mortise 2 ball bearing heavy wt. hinge	US26D (652)
5BB1 HW 4.5" x 4.5"	5 Knuckle full mortise 2 ball bearing heavy wt. hinge	US32D (630)
5BB1 HW 4.5" x 4.5" NRP	5 knuckle full mortise 2 ball bearing heavy wt. hinge NRP	US26D (652)
5BB1 HW 4.5" x 4.5" NRP	5 knuckle full mortise 2 ball bearing heavy wt. hinge NRP	US32D (630)
5BB1 HW 5" x 4.5"	5 knuckle full mortise 2 ball bearing heavy wt. hinge	US26D (652)
5BB1 HW 5" x 4.5" NRP	5 knuckle full mortise 2 ball bearing heavy wt. hinge NRP	US26D (652)
5BB1 HW 5"x4.5"	5 Knuckle mortise 2 ball bearing heavy wt. hinge	US32D (630)
5BB1 SC 4.5"	5 Knuckle ball bearing swing clear standard wt.	US26D (652)
5BB1 HW 5"x4.5" NRP	5 knuckle full mortise 2 ball bearing hinge NRP	US32D (630)
5BB1 4.5"x4.5"	5 Knuckle full mortise 2 ball bearing hinge	US3 (632)
5BB1 4.5"x4.5"	5 Knuckle full mortise 2 ball bearing hinge	US4 (633)
5BB1 4.5"x4.5"	5 Knuckle full mortise 2 ball bearing hinge	US10 (639)
5BB1 4.5"x4.5"	5 Knuckle full mortise 2 ball bearing hinge	US26 (651)
5BB1 4.5"x4"	5 Knuckle full mortise 2 ball bearing hinge	US26D (652)
5BB1 4.5"x4" NRP	5 knuckle full mortise 2 ball bearing hinge NRP	US26D (652)
5BB1 HW BSC 4.5"	5 knuckle ball bearing beveled swing clear HW	US26D (652)
5BB1 HW BSC 5"	5 knuckle ball bearing beveled swing clear HW	US26D (652)
5BB1 5"x4.5"	5 knuckle full mortise 2 ball bearing hinge	US26D (652)
5BB1 5"x4.5" NRP	5 knuckle full mortise 2 ball bearing hinge NRP	US26D (652)
5BB1 5"x4.5" NRP	5 knuckle full mortise 2 ball bearing hinge NRP	US32D (630)
5BB1 4.5"x4.5"	5 knuckle full mortise 2 ball bearing hinge	US10B (613)
5BB1 4.5"x4.5" NRP	5 Knuckle full mortise 2 ball bearing hinge NRP	US10B (613)
5BB1 4.5"x4.5"	5 Knuckle full mortise 2 ball bearing hinge	US10B (640)
5BB1 4.5"x4.5" NRP	5 Knuckle full mortise 2 ball bearing hinge NRP	US10B (640)
5BB1 HW 4.5"x4.5" NRP	5 Knuckle full mortise 2 ball bearing hinge NRP	US10B (613)
3CBI 4.5 x 4.5	3 Knuckle full mortise concealed bearing hinge	US32D (630)
3CBI 4.5 x 4.5 NRP	3 Knuckle full mortise concealed bearing hinge NRP	US26D (652)
3CBI 4.5 x 4.5 NRP	3 Knuckle full mortise concealed bearing hinge NRP	US32D (630)
3CBI HW 4.5" x 4.5"	3 Knuckle full mortise concealed bearing heavy wt. hinge	US26D (652)
3CBI HW 4.5" x 4.5" NRP	3 Knuckle full mortise concealed bearing heavy wt. hinge NRP	US26D (652)
3CBI HW 4.5" x 4.5" NRP	3 Knuckle full mortise concealed bearing heavy wt. Hinge NRP	US32D (630)
3CBI HW 5"x4.5"	3 Knuckle full mortise concealed bearing hinge	US26D (652)

## Continuous hinges

Number	Description	Finish
112HD 83"	Continuous geared hinge heavy duty 83" length	US28
224HD 83"	Continuous geared hinge heavy duty 83" length	US28
700 83"	Continuous hinge, pin and barrel 83" length	US32D
700 95"	Continuous hinge, pin and barrel, 95" length	US32D
705 83"	Continuous hinge, concealed, 83" length	US32D

**GLYNN-JOHNSON®**

## Overhead stops and holders

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Push/pull latches

Push/pull latch	Description	Strike	Finish
HL6-2	Push/pull latch - 2 3/4" backset	Standard	US26D (652)
HL6-5	Push/pull latch - 5" backset	Standard	US26D (652)
HL6-2-A	Push/pull latch - 2 3/4" backset	ASA strike	US26D (652)
HL6-5-A	Push/pull latch - 5" backset	ASA strike	US26D (652)

Notes: **US28** = Anodized aluminum **313AN** = Duranodic dark bronze US26D = Satin chromium

## Overhead stops and holders

**GLYNN-JOHNSON****70 Series**

70 Series	Description	Function	Finish
704H	70 Series, size 4	Hold-open	US26D
704S	70 Series, size 4	Stop-only	US26D

**81 Series**

81 Series	Description	Function	Finish
814S	81 Series, size 4	Stop-only	US32D
814H	81 Series, size 4	Hold-open	US32D

**90 Series**

90 Series	Description	Function	Finish
903H	90 Series, size 3	Hold-open	US32D
903S	90 Series, size 3	Stop-only	US32D
904H	90 Series, size 4	Hold-open	US32D
904S	90 Series, size 4	Stop-only	US32D
905H	90 Series, size 5	Hold-open	US32D
905S	90 Series, size 5	Stop-only	US32D
906H	90 Series, size 6	Hold-open	US32D
906S	90 Series, size 6	Stop-only	US32D
AJK90	Angle jamb bracket kit	—	US26D



### 100 Series

100 Series	Description	Function	Finish
102S	100 Series, size 2	Stop-only	US32D
103S	100 Series, size 3	Stop-only	US32D
104H	100 Series, size 4	Hold-open	US32D
104S	100 Series, size 4	Stop-only	US32D
104S	100 Series, size 4	Stop-only	US10B
104S	100 Series, size 4	Stop-only	US32D
105H	100 Series, size 5	Hold-open	US32D
105S	100 Series, size 5	Stop-only	US32D
106S	100 Series, size 6	Stop-only	US32D



### 410 Series

410 Series	Description	Function	Finish
414S	410 Series, size 4	Stop only	652
414S	410 Series, size 4	Stop only	US32D
414H	410 Series, size 4	Hold open	US32D
413S	410 Series, size 3	Stop only	US32D



### 450 Series

450 Series	Description	Function	Finish
454H	450 Series, size 4	Hold open	US32D
454H	450 Series, size 4	Hold open	652
451S	450 Series, size 1	Stop-only	652
451S	450 Series, size 1	Stop-only	US32D
452S	450 Series, size 2	Stop-only	652
452S	450 Series, size 2	Stop-only	US32D
453S	450 Series, size 3	Stop-only	652
453S	450 Series, size 3	Stop-only	US32D
454S	450 Series, size 4	Stop-only	652
454S	450 Series, size 4	Stop-only	SP28
454S	450 Series, size 4	Stop-only	US10B
454S	450 Series, size 4	Stop-only	US32D
455S	450 Series, size 5	Stop-only	652
455S	450 Series, size 5	Stop-only	US32D



# Locks



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Cylinders	47
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ProExpress<sup>TM</sup>




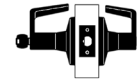


## AL Series cylindrical lock - 626 (satin chrome) finish

- Grade 2, UL Listed 3 hour, 1-3/8" to 1-7/8" door range standard.
- All functions include 1-1/8" x 2-1/4" square-corner latch with 2-3/4" backset and ANSI 1-1/4"x 4-7/8" strike (30-148)
- Schlage C cylinders are 6 pin cylinders keyed 6, keyed different



Saturn

		Function	Trim	Finish	Cylinder	Part number
Passage		AL10S	Saturn	626	—	043156959457
Privacy		AL40S	Saturn	626	—	043156959471
Entry/office		AL53PD	Saturn	626	KD C	043156959624
		AL53PD	Saturn	626	KD S123	043156564941
		AL53LD	Saturn	626	—	043156959631
		AL53JD	Saturn	626	—	043156959655
		AL53BD	Saturn	626	—	043156959778
Storeroom		AL80PD	Saturn	626	KD C	043156959709
		AL80PD	Saturn	626	KD S123	043156564958
		AL80LD	Saturn	626	—	043156959716
		AL80JD	Saturn	626	—	043156959730
		AL80BD	Saturn	626	—	043156959792
Cylinder (sold separately)		40-100	-	626	C123	043156995042

VON DUPRIN®

Exits

VON DUPRIN®

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ProExpress™

- UL listed for Panic Exit Hardware
- Devices are ANSI A156.3, 2008 Grade 1
- Two finishes available: **SP28** = Powder-coated aluminum **SP313** = Powder-coated dark bronze



## 22 Series rim exit device

Trim function	Handing	Finish	Series	3'	4'
				SKU	
Exit only	–	SP28	22-EO-SP28	ED22.10000	ED22.10044
Exit only	–	SP313	22-EO-SP313	ED22.10003	ED22.10045

## 22 Series rim fire exit hardware

Trim function	Handing	Finish	Series	3'	4'
				SKU	
Exit only	–	SP28	22-EO-F SP28	ED22.10083	ED22.10052
Exit only	–	SP313	22-EO-F-SP313	ED22.10028	ED22.10249

## 2227 Series surface vertical rod panic device

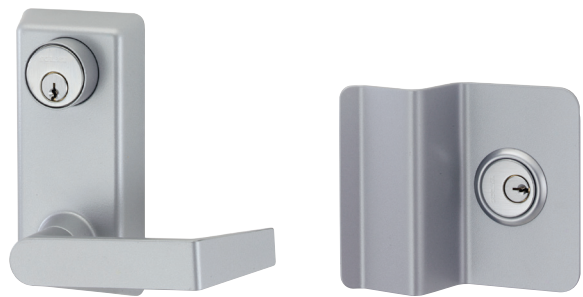
Trim function	Handing	Finish	Series	Door height	3'	4'
					SKU	
Exit only	–	SP28	2227-EO-SP28	7'	ED22.10116	ED22.10085
Exit only	–	SP313	2227-EO-SP313	7'	ED22.10016	ED22.10248

## 2227-F Series surface vertical rod fire exit hardware

Trim function	Handing	Finish	Series	Door height	3'	4'
					SKU	
Exit only	–	SP28	2227-EO-F-SP28	7'	ED22.10037	ED22.10046
Exit only	–	SP313	2227-EO-F-SP313	7'	ED22.10038	ED22.10300

# Von Duprin Series 22 trim

VON DUPRIN®



- Finishes available:  
**SP28** = Powder-coated aluminum  
**SP313** = Powder-coated dark bronze

## 22 Series trim

Series	Lever design	Handing	Finish	SKU
210-DT	-	-	SP28	TRIM.10034
210-DT	-	-	SP313	TRIM.10035
210-NL	-	-	SP28	TRIM.10036
210-NL	-	-	SP313	TRIM.10037
230-L	06	LHR	SP28	TRIM.10186
230-L	06	RHR	SP28	TRIM.10003
230-L	06	LHR	SP313	TRIM.10187
230-L	06	RHR	SP313	TRIM.10185
230-NL	-	-	SP28	TRIM.13206
230-NL	-	-	SP313	TRIM.10033
230-DT	-	-	SP28	TRIM.13205
230-DT	-	-	SP313	TRIM.10032

**Cylinders**

Model No.	Description	Compatible Trim Series	Finish	SKU
3215	Mortise 1-1/4"	230L	US26D	032111-26
3216	Rim Cylinder	210NL, 230NL	US26D	032210-26

**Parts**

Model No.	Description	Finish	SKU
ER-22	36" Extension Rod for 2227	SP28	051804689
ER-22	36" Extension Rod for 2227	SP313	051804695

**Sex bolts**

Model No.	Description	Finish	SKU
325	325 Sex Bolt 1/4 - 20 (pkg of 2)	—	034902-32
425	425 Sex Bolt 10-24 (Pkg of 2)	—	034302-32

# Closers

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ProExpress™

## 1250 Series surface door closers

- Light duty cast aluminum door closer
- Adjustable sizes 1-5
- ANSI/BHMA 156.4, Grade 1 certified
- Closers without Hold-Open arms are UL 10C fire rated



Series	Arms	Finish	Handing	Cylinder assembly	Cover	SKU
1250	Rw/PA	AL	-	Std	None	078626400475
1250	Rw/PA	AL	-	Std	Slim	078626400477
1250	Hw/PA	AL	-	Std	None	078626400479
1250	Hw/PA	AL	-	Std	Slim	078626400481
1250	Rw/PA	DKBRZ	-	Std	None	078626400476
1250	Rw/PA	DKBRZ	-	Std	Slim	078626400478
1250	Hw/PA	DKBRZ	-	Std	None	078626400480
1250	Hw/PA	DKBRZ	-	Std	Slim	078626400482

Note: All 1250 Series closers ship with standard universal screw pack includes Self Reaming and Tapping Screws (SRT), Machine Screws, Wood Screws and Thru Bolts.

## 1260 Series surface door closers

- Light-medium duty cast iron door closer
- Adjustable sizes 1-6
- ANSI/BHMA 156.4, Grade 1 certified
- Closers without Hold-Open arms are UL 10C fire rated



Series	Arms	Finish	Handing	Cylinder assembly	Cover	SKU
1261	Rw/PA	AL	-	Std	None	043156123339
1261	Hw/PA	AL	-	Std	None	043156418756
1261	Rw/PA	DKBRZ	-	Std	None	043156123346
1261	Hw/PA	DKBRZ	-	Std	None	043156123322

## 1450 Series surface door closers

- Medium duty cast aluminum door closer
- Adjustable sizes 1-6
- ANSI/BHMA 156.4, Grade 1 certified
- Closers without Hold-Open arms are UL 10C fire rated



Series	Arms	Finish	Handing	Cylinder assembly	Cover	SKU
1450	Rw/PA	AL	-	Std	Slim	078626400483
1450	Rw/PA	AL	-	Std	Full	078626400495
1450	Hw/PA	AL	-	Std	Slim	078626400485
1450	Hw/PA	AL	-	Std	Full	078626400497
1450	Rw/PA	DKBRZ		Std	Slim	078626400484
1450	Rw/PA	DKBRZ		Std	Full	078626400496
1450	Hw/PA	DKBRZ		Std	Slim	078626400486
1450	Hw/PA	DKBRZ		Std	Full	078626400498

Note: All 1450 Series closers ship with standard universal screw pack includes Self Reaming and Tapping Screws (SRT), Machine Screws, Wood Screws and Thru Bolts.

Notes: **ALUM** = Aluminum painted finish (689); **DKBRZ** = Dark bronze finish (695)

**Rw/PA** = Regular arm with parallel arm bracket

**Hw/PA** = Hold open arm with parallel arm bracket (Please note hold open arm configurations are not UL listed.)

**DS** = Dead stop arm

**EDA** = Extra Duty Parallel Arm

**CUSH** = Cush-n-stop

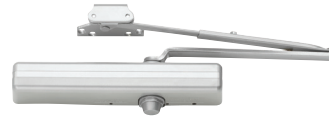
**SCUSH** = Spring cush-n-stop

# Surface door closers



## 1460 Series surface door closers

- Medium duty cast iron door closer
- Adjustable sizes 1-6
- ANSI/BHMA 156.4, Grade 1 certified
- Closers without Hold-Open arms are UL 10C fire rated



Series	Arms	Finish	Handing	Cylinder assembly	Cover	SKU
1461	Rw/PA	AL	-	Std	Slim	043156871001
1461	Rw/PA	AL	-	Std	Full	078626400013
1461	Hw/PA	AL	-	Std	Slim	043156102228
1461	Hw/PA	AL	-	Std	Full	078626400014
1461	Rw/PA	DKBRZ	-	Std	Slim	043156871018
1461	Rw/PA	DKBRZ	-	Std	Full	078626400041
1461	Hw/PA	DKBRZ	-	Std	Slim	043156102235
1461	Hw/PA	DKBRZ	-	Std	Full	078626400042

## 4050 Series surface door closers

- Heavy duty cast aluminum door closer
- Adjustable sizes 1-6
- ANSI/BHMA 156.4, Grade 1 certified
- Closers without Hold-Open arms are UL 10C fire rated



Series	Arms	Finish	Handing	Cylinder assembly	Cover	SKU
4050	Rw/PA	AL	-	Std	Full	078626400499
4050	Hw/PA	AL	-	Std	Full	078626400501
4050	EDA	AL	-	Std	Full	078626400503
4050	Cush	AL	-	Std	Full	078626400505
4050	SCUSH	AL	-	Std	Full	078626400507
4050	Rw/PA	DKBRZ	-	Std	Full	078626400500
4050	Hw/PA	DKBRZ	-	Std	Full	078626400502
4050	EDA	DKBRZ	-	Std	Full	078626400504
4050	Cush	DKBRZ	-	Std	Full	078626400506
4050	SCUSH	DKBRZ	-	Std	Full	078626400508

Note: All 4050 Series closers ship with standard universal screw pack includes Self Reaming and Tapping Screws (SRT), Machine Screws, Wood Screws and Thru Bolts.

Notes: **ALUM** = Aluminum painted finish (689); **DKBRZ** = Dark bronze finish (695)

**Rw/PA** = Regular arm with parallel arm bracket

**Hw/PA** = Hold open arm with parallel arm bracket (Please note hold open arm configurations are not UL listed.)

**DS** = Dead stop arm

**EDA** = Extra Duty Parallel Arm

**CUSH** = Cush-n-stop

**SCUSH** = Spring cush-n-stop



## Parts and components

Series	Number	Product Description	Finish	SKU
1250	18	Drop plate	ALUM	78626400509
1250	18PA	Drop plate - PA	ALUM	78626400511
1250	18	Drop plate	DKBRZ	78626400510
1250	18PA	Drop plate - PA	DKBRZ	78626400512
1260	18	Drop plate	ALUM	78626400388
1260	18PA	Drop plate - PA	ALUM	78626400389
1260	18	Drop plate	DKBRZ	78626400393
1260	18PA	Drop plate - PA	DKBRZ	78626400394
1450	18	Drop plate	ALUM	78626400513
1450	18PA	Drop plate - PA	ALUM	78626400515
1450	18FC	Drop plate (for full cover)	ALUM	78626400517
1450	18PAFC	Drop plate - PA (for full cover)	ALUM	78626400519
1450	18	Drop plate	DKBRZ	78626400514
1450	18PA	Drop plate - PA	DKBRZ	78626400516
1450	18FC	Drop plate (for full cover)	DKBRZ	78626400518
1450	18PAFC	Drop plate - PA (for full cover)	DKBRZ	78626400520
1460	18	Drop plate	ALUM	78626400017
1460	18PA	Drop plate - PA	ALUM	78626400018
1460	18FC	Drop plate (for full cover)	ALUM	78626400398
1460	18PAFC	Drop plate - PA (for full cover)	ALUM	78626400400
1460	18	Drop plate	DKBRZ	78626400045
1460	18PA	Drop plate - PA	DKBRZ	78626400046
1460	18FC	Drop plate (for full cover)	DKBRZ	78626400399
1460	18PAFC	Drop plate - PA (for full cover)	DKBRZ	78626400401
4050	18	Drop plate	ALUM	78626400521
4050	18PA	Drop plate - PA	ALUM	78626400523
4050	18	Drop plate	DKBRZ	78626400522
4050	18PA	Drop plate - PA	DKBRZ	78626400524

## About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries.

For more, visit [www.allegion.com](http://www.allegion.com)

*aptiQ* ■ LCN ■ **SCHLAGE** ■ STEELCRAFT ■ VON DUPRIN

**FALCON®**

## 24/25 Series

Heavy duty touch bar exit device

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# The Falcon difference

Safety, security and uncompromising value

At Falcon, we know that every product you sell not only has to meet local building codes, but also your expectations for performance and quality. We take your expectations seriously, and that's why we build our touchbars to deliver durability, convenience and unmatched value. After all, we've built our reputation on the same standards that you have – providing quality products at a reasonable price delivered on time. It's the way we do business and it's what makes Falcon exits a powerful choice no matter what your project.

# The Falcon 24 and 25 Series

## **The perfectly simple, tougher than nails, costs less than you think, fits anywhere exit device.**

Offices, banks, assisted living facilities, retail stores and other commercial buildings have constant traffic, so door hardware must be able to take continual use and abuse. The Falcon 24 and 25 Series exit devices fill the bill with some of the toughest, most reliable performance in the business. A host of features makes this a smart solution, like a choice of an A or B label fire rating, electrified and panic options, and a full complement of trims. Sleek, streamlined styling and a choice of wide (25 Series) and narrow stile (24 Series) device applications means a smart solution for your building design, as well as its use. And since they're backed by one of the best names in the business, you can be sure you're getting the utmost value, reliability and durability.

## Features

Streamlined design includes flush-end cap for clean lines and a more attractive installation.

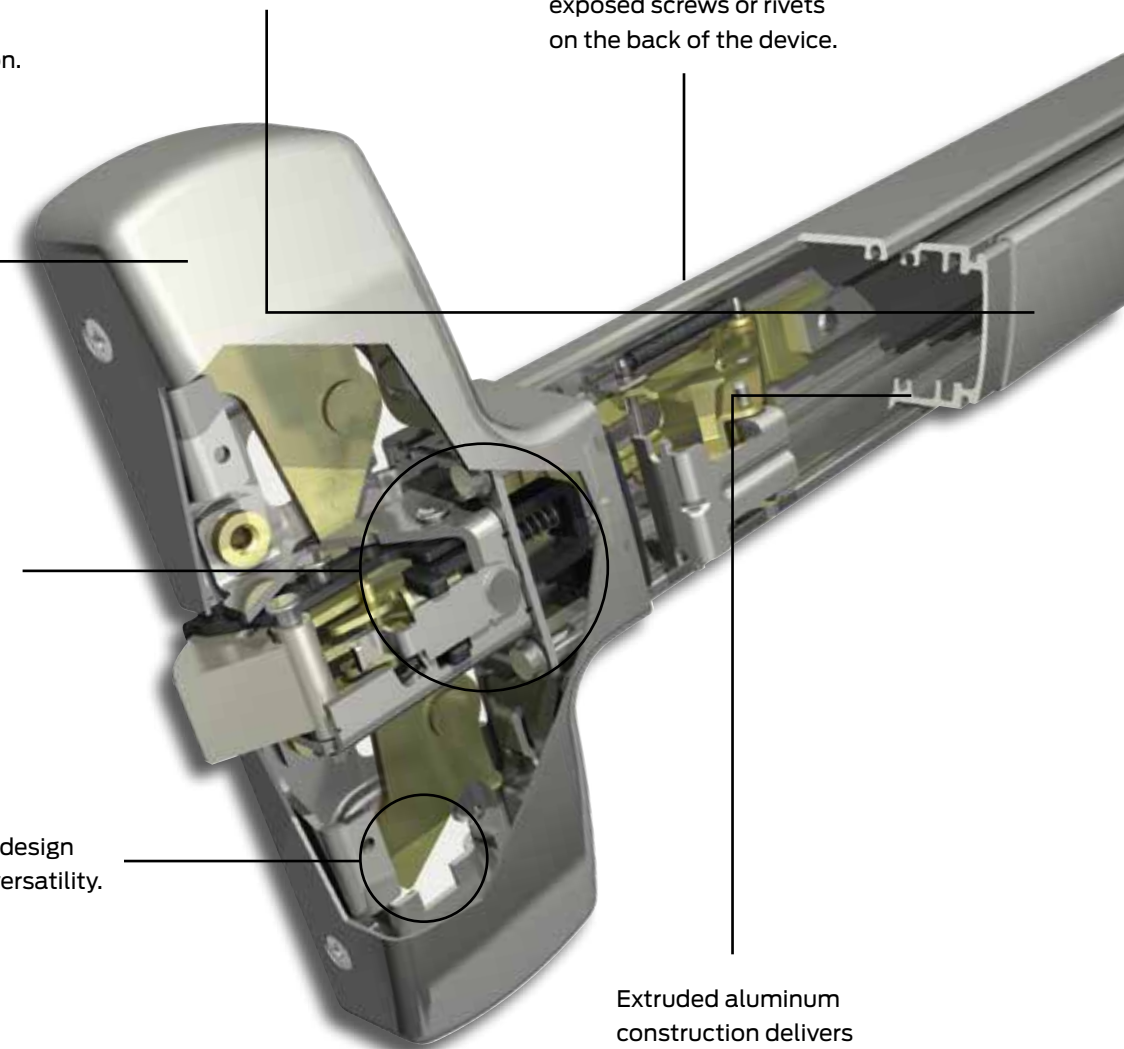
Stainless steel pushpad cover for a scratch-resistant surface.

Clean design with no exposed screws or rivets on the back of the device.

Patent-pending deadlocking technology ensures reliable security.

One trim input design for maximum versatility.

Extruded aluminum construction delivers greater strength and impact resistance.



# Falcon exit devices

## Architectural pushpads



**24/25 Series**

- Maximum flexibility in a variety of applications
- Wide range of features and options
- Patent pending deadlocking technology

## Commercial pushpads



**19 Series**

- Lowest cost most dependable light-duty exit
- Large trim selection
- Full compliment of electrical options
- Standard deadlocking



**1490/1590**

- Steel operating mechanisms
- Aluminum push bar and end caps
- Durable design
- Surface vertical and rim options available



**1690/1790**

- Patented pending latchbolt for hurricane ratings
- #1 selling exit device for aluminum doors
- Full compliment of electrical options
- Durable design

Selling features

Applications

Device options

- Frequent traffic
- Offices, churches, hospitality, retail, education, healthcare
- Interior, exterior, new construction, retro-fit

- Moderate traffic
- Commercial, multi-family, office, retail
- Interior, exterior, retro-fit

- Moderate traffic
- Commercial, multi-family, office, retail
- Interior, exterior, retro-fit

- Moderate traffic
- Commercial, multi-family, office, retail
- Interior, exterior, retro-fit

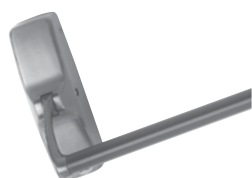
- Rim, SV, CV, M
- 6 functions /9 finishes
- 4 lever designs
- 10-year warranty

- Rim, SV
- 7 functions /4 lever designs
- 3 finishes
- 10-year warranty

- CV=1490/Rim=1590
- 4 functions/10 finishes
- 3 length options
- 10-year warranty

- CV = 1690/Rim = 1790
- 4 functions/7 finishes
- 4 length options
- 10-year warranty

## Crossbars



**XX**

- Classic traditional design
- Dependable and attractive
- Economic crossbar option
- Panic and fire rated options



**1990**

- Classic industry look
- Balanced appearance, dependable performance and economical pricing
- Hardened steel latches
- Adjustable strike to ensure safety, security and smooth operation



**2090**

- Classic looks in a rim device
- Designed for high use and abuse
- 1/2" inch steel latchbolt
- Surface mounted strikes for full frame or blade type stops



**2390**

- Reduced projection recessed device
- Tough, reliable performance
- Easy rod adjustment simplifies installation
- Smooth, reliable operation

- Light/moderate traffic
- Commercial, multi-family, office, retail
- Interior, exterior, retro-fit

- Light traffic
- Commercial, multi-family, office, retail
- Interior, exterior, retro-fit

- Light traffic
- Commercial, multi-family, office, retail
- Interior, exterior, retro-fit

- Moderate/ frequent traffic
- Healthcare, assisted living, education
- Interior, new construction

- Rim, SV, CV, M
- 13 functions/8 finishes
- 5 lever options
- 10-year warranty

- CV
- 4 functions/10 finishes
- 2 length options
- 10-year warranty

- Rim
- 4 functions/10 finishes
- 2 length options
- 10-year warranty

- CV
- 3 functions/4 finishes
- 2 length options
- 10-year warranty

## Recessed/ concealed devices



# 25-R Series

## Rim device

### Panic exit hardware

The Falcon 25-R Series rim device meets the demanding requirements of high traffic installations with a single-point, rim type latch and a streamlined touch bar design. This device can also be electrified for maximum ease of use and accessibility.



299 Strike



2789  
Dogging key



Cylinder dogging

### Single door application

Device	Door size	Door strike	Door stile (in)	Min door opening width
25-R	3'	299	4"	2' 7 1/2"
		264	3 7/8"	2' 7 3/8"
		1439	3 1/4"	2' 6 3/4"
		1606	3 5/8"	2' 7 1/8"
25-R	4'	299	4"	3' 1 1/2"
		264	3 7/8"	3' 1 3/8"
		1439	3 1/4"	3' 3/4"
		1606	3 5/8"	3' 1 1/8"

### Double door application

Device	Door size	Strike x mullion	Door stile (in)	Min door opening width
25-R	3'	299 x 2923	4 1/8"	2' 7 1/2"
		299 x 4023	4 3/8"	2' 7 1/2"
		264 x 2923	4"	2' 7 3/8"
		264 x 4023	4 1/4"	2' 7 3/8"
		1439 x 2923	3 7/8"	2' 7 1/4"
		1439 x 4023	4 1/8"	2' 7 1/4"
		1606 x 2923	4 1/4"	2' 7 1/8"
		1606 x 4023	4 1/2"	2' 7 1/8"
25-R	4'	299 x 2923	4 1/8"	3' 1 1/2"
		299 x 4023	4 3/8"	3' 1 1/2"
		264 x 2923	4"	3' 1 3/8"
		264 x 4023	4 1/4"	3' 1 3/8"
		1439 x 2923	3 7/8"	3' 1 1/4"
		1439 x 4023	4 1/8"	3' 1 1/4"
		1606 x 2923	4 1/4"	3' 1 1/8"
		1606 x 4023	4 1/2"	3' 1 1/8"
25-Vx 25-R	3'	1609	3 1/2"	2' 7 5/8" for 3 1/2" Min stile
25-Vx 25-R	4'	1609	3 1/2"	3' 1 5/8" for 3 1/2" Min stile

### Specifications

Hand:	Non-handed
Finishes:	US3 (605); US4 (606); US10 (612); US11 (643e); US15 (619); US19 (622); US26 (625); US26D (626); US32 (629); US32D (630); US28 (628), 313AN (710) (see page 17 for finishes)
Strikes:	299 strike standard (see page 15 for additional info)
Latchbolt:	Stainless steel, 3/4" throw
Deadlocking latchbolt:	Standard
Dogging feature:	Half turn hex dogging standard. No threaded parts to wear out.
Cylinder dogging:	Specify "CD" prefix. Uses 1 1/8" long mortise cylinder with standard cam.
Stock sizes:	See chart to left. Cut to size in the field.
Doors:	1 3/4" thick, wood or metal. Specify thickness if other than 1 3/4".
Projections:	2 3/4" maximum, 2" dogged.
Mounting height:	40 1/4" from CL to finished floor.
Electric functions:	Can be interfaced with building security systems. Latch retraction, FSA/FSE trim, security monitoring, delayed egress and exit alarm available (EL fail-secure only). Subject to code requirements, state and local (see pages 33-40 for details).
Fasteners:	All mounting screws are concealed, sheet metal screws and machine screws standard.
Sex bolts:	Recommended when device is used with hollow core wood, composite or light gauge hollow metal doors. For EO device, specify 8 - 425 (#10-24) SNB. For devices with trim, specify 2 - 425 (#10-24) SNB.
ANSI:	Certified ANSI A156.3-2001 grade 1 standards.
Center case & working parts:	Center case is heavy wrought and sintered metal parts.
Shim kits:	For glass lite applications; 1/4" thick, specify SK25-RM.
579 Strike retrofit kit:	Consult factory.



# F-25-R Series

## Rim device

### 🔥 Fire exit hardware

The Falcon F-25-R Series rim device combines sleek styling and durability with the protection of a fire-rated device. The F-25-R also features a single-point, rim type latch and can be electrified.



299F Strike



499F Strike



### Single door application

Device	Door size	Door strike	Min stile (in)	Min door opening width
F-25-R	3'	299-F	4"	2' 7 1/2"
F-25-R	4'	299-F	4"	3' 1 1/2"

### Double door application

Device	Door size	Door strike	Min stile (in)	Min door opening width
F-25-R	3'	499-F x F-4023	4 1/2"	2' 7 5/8"
F-25-R	4'	499-F x F-4023	4 1/2"	3' 1 5/8"

### Specifications

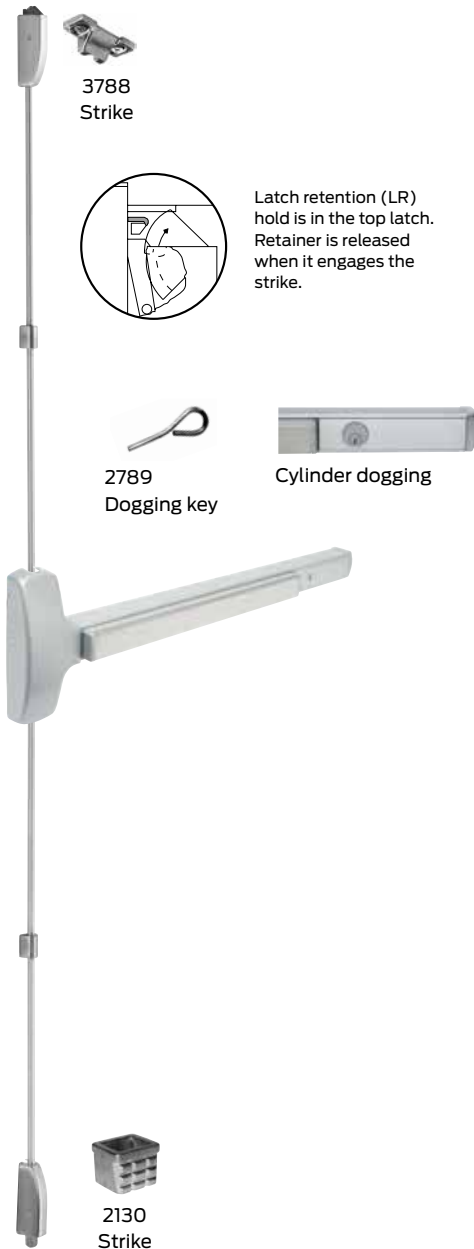
Hand:	Non-handed
UL:	"A" label (3 hr.); 4'0" x 8'0"; 8'0" x 8'0" with F-4023 mullion. "B" label (1 1/2 hr.); 8'0" x 8'0"; with KRF4023.
Finishes:	US3 (605); US4 (606); US10 (612); US11 (643e); US15 (619); US19 (622); US26 (625); US26D (626); US32 (629); US32D (630); US28 (628), 313AN (710) (see page 17 for finishes)
Strikes:	299F strike standard. 499F standard for pairs with mullion.
Latchbolt:	Stainless steel, 3/4" throw
Deadlocking latchbolt:	Standard
Stock sizes:	See chart to left. Cut to size in the field.
Doors:	1 3/4" thick, wood or metal. Specify thickness if other than 1 3/4".
Projections:	2 3/4" maximum.
Mounting height:	40 1/4" from CL to finished floor.
Electric functions:	Can be interfaced with building security systems. Latch retraction, FSA/FSE trim, security monitoring, delayed egress and exit alarm available (EL fail-secure only). Subject to code requirements, state and local (see pages 33-40 for details).
Fasteners:	All mounting screws are concealed, sheet metal screws and machine screws standard.
Sex bolts:	Required for use in EO applications when used with wood, composite or non-reinforced hollow metal doors. For EO device, specify 8 - 425 (#10-24) SNB. For devices with trim, specify 2 - 425 (#10-24) SNB.
ANSI:	Certified ANSI A156.3-2001 grade 1 standards.
Center case & working parts:	Center case is heavy wrought and sintered metal parts.
Shim kits:	For glass lite applications; 1/4" thick, specify SK25-RM.

# 25-V Series

## Vertical rod device

### Panic exit hardware

High-traffic applications demand the added strength and protection that comes with a vertical rod device. The Falcon F-25-V Series delivers with a surface-applied design that includes standard top latch and deadlocking. The sleek touch bar design ensures an attractive installation.



### Specifications

Hand:	Field reversible.
Finishes:	US3 (605); US4 (606); US10 (612); US11 (643e); US15 (619); US19 (622); US26 (625); US26D (626); US32 (629); US32D (630); US28 (628), 313AN (710) (see page 17 for finishes)
Strikes:	3788 top strike is surface applied 2130 bottom strike is mortised into floor
Angle bracket	Use 4215 angle bracket in flush transom installations Allows use of standard 3788 strike
Latchbolt:	Top stainless steel $\frac{3}{4}$ " throw. Bottom bolt, $\frac{1}{2}$ " throw.
Deadlocking latchbolt:	Standard in top latch.
Dogging feature:	Half turn hex dogging standard. No threaded parts to wear out.
Cylinder dogging:	Specify "CD" prefix. Uses $1\frac{1}{8}$ " long mortise cylinder with standard cam.
Stock sizes:	See chart to below.
Doors:	$1\frac{3}{4}$ " thick, wood or metal. Specify thickness if other than $1\frac{3}{4}$ ".
Projections:	$2\frac{3}{4}$ " maximum, 2" dogged.
Stile :	See chart below.
Electric functions:	Can be interfaced with building security systems. Latch retraction, FSA/FSE trim, security monitoring, delayed egress and exit alarm available (EL fail-secure only). Subject to code requirements, state and local. (see pages 32-40 for details).
Fasteners:	All mounting screws are concealed, sheet metal screws and machine screws available, specify AMS.
Sex bolts:	Recommended when device is used with hollow core wood, composite or light gauge hollow metal doors. For EO device, specify 12 - 425 (#10-24) SNB. For devices with trim, specify 8 - 425 (#10-24) SNB.
ANSI:	Certified ANSI A156.3-2001 grade 1 standards.
Vertical rods:	Furnished to length based on a $40\frac{1}{4}$ " horizontal CL from finished floor and a 7'0" door standard. Variations from these standards must be specified when ordering.
25-V-LBR:	Less bottom rod vertical device.
Shim kits:	For glass lite applications; $\frac{1}{4}$ " thick, specify SK25-V.

Device	Door size	Door strike	Min stile (in)	Min door opening width
25-V	3'	All	$3\frac{1}{2}$ "	$2'7\frac{1}{8}$ "
25-V	4'	All	$3\frac{1}{2}$ "	$3'1\frac{1}{8}$ "
25-V x 25-R	3'	1609	$3\frac{1}{2}$ "	$2'7\frac{5}{8}$ " for $3\frac{1}{2}$ " Min. Stile
25-V x 25-R	4'	1609	$3\frac{1}{2}$ "	$2'1\frac{5}{8}$ " for $3\frac{1}{2}$ " Min. Stile

# F-25-V Series

## Vertical rod device

### Fire exit hardware

When your application requires strength and durability, plus fire rated performance, the F-25-V Series is the total package. This surface-applied vertical rod device includes a sleek touch bar design with top latch and deadlocking standard.



### Specifications

Hand:	Field reversible.
UL:	"A" Label (3 hr) - 8' x 10' double egress; 90 min. same egress - 8' x 10' Wood door: 20 min. 8' x 10'; 90 min. 8' x 9'. Consult door manufacturer for maximum rating.
Finishes:	US3 (605); US4 (606); US10 (612); US10B (613); US11 (643e); US15 (619); US19 (622); US26 (625); US26D (626); US32 (629); US32D (630); US28 (628), 313AN (710) (see page 17 for finishes)
Strikes:	3788 top strike is surface applied. 2130 bottom strike is mortised into floor.
Latchbolt:	Top stainless steel 3/4" throw. Bottom bolt, 1/2" throw.
Deadlocking latchbolt:	Standard in top latch
Latch retention hold:	Standard with top latch
Stock sizes:	See chart below
Doors:	1 3/4" thick, wood or metal. Specify thickness if other than 1 3/4".
Projections:	2 3/4" maximum.
Stile:	See chart below.
Electric functions:	Can be interfaced with building security systems. Latch retraction, FSA/FSE trim, security monitoring, delayed egress and exit alarm available (EL fail-secure only). Subject to code requirements, state and local (see pages 32-40 for details).
Fasteners:	All mounting screws are concealed. All machine screws (AMS) standard.
Sex bolts:	Required when used with wood, composite or non-reinforced hollow metal doors. For EO device, specify 12 - 425 (#10-24) SNB. For devices with trim, specify 8 - 425 (#10-24) SNB.
ANSI:	Certified ANSI A156.3-2001 grade 1 standards.
F-25-V:	Latch Retention (LR) top latch and bottom square bolt. 3788 strike top, 2130 flush strike bottom.
F-25-V-LBR:	Less bottom rod vertical device. "A" Label (3 Hr) - 8' x 8'; 90 min. same egress - 8' x 8'.
Vertical rods:	Furnished to length based on a 40 1/4" horizontal CL from finished floor and a 7'0" door standard. Variations from these standards must be specified when ordering.
Shim kits:	For glass lite applications; 1/4" thick, specify SK25-V.

Device	Door size	Door strike	Min stile (in)	Min door opening width
F-25-V	3'	All	3 1/2"	2' 7 1/8"
F-25-V	4'	All	3 1/2"	3' 1 1/8"

# 25-M Series

## Mortise device

### Panic exit hardware

The Falcon 25-M Series is the only device that pairs a tough, reliable exit device with our strongest mortise lock. The result is maximum safety and security in a single-point, mortise latch type device that also has an attractive touch bar design.



Device	Door size	Door strike	Door stile (in)	Min door opening width
25-M	3'	All	4 1/2"	2' 7 1/2"
25-M	4'	All	4 1/2"	3' 2"

### Specifications

Hand:	Handed.
Finishes:	US3 (605); US4 (606); US10 (612); US11 (643e); US15 (619); US19 (622); US26 (625); US26D (626); US32 (629); US32D (630); US28 (628), 313AN (710) (see page 17 for finishes).
Strikes:	1279 standard, F1280 and 1281 optional.
Latchbolt:	Stainless steel, 3/4" throw.
Deadlocking latchbolt:	Standard.
Dogging feature:	Half turn hex dogging standard. No threaded parts to wear out.
Cylinder dogging:	Specify "CD" prefix. Uses 1 1/8" mortise cylinder with standard cam.
Mounting height:	40 1/4" from CL to finished floor. For mortise lock prep per ANSI A115.1-1990.
Electric functions:	Can be interfaced with building security systems. Latch retraction, FSA/FSE trim, security monitoring, delayed egress and exit alarm available (EL fail-secure only). Subject to code requirements, state and local (see pages 32-40 for details).
Stile:	4 1/2" minimum.
Projection:	2 3/4" maximum, 2" dogged.
Stock Sizes:	See chart.
Doors:	1 3/4" thick, wood or metal. Specify thickness if other than 1 3/4".
Fasteners:	All mounting screws are concealed, sheet metal screws and machine screws standard.
Sex bolts:	Recommended when device is used with hollow core wood, composite or light gauge hollow metal doors. For EO device, specify 6 - 425 (#10-24) SNB. For devices with trim, specify 2 - 425 (#10-24) SNB.
ANSI:	Certified ANSI A156.3-2001 grade 1 standards.
Mortise lock:	Heavy wrought lock case with investment cast or sintered steel parts. Lock face is forged brass—fits standard cutout. Locks are designed to fit standard ANSI A115.1 preparation for 1 3/4" doors. Deadlocked when auxiliary bolt is depressed 5/16".
Shim kits:	For glass lite applications; 1/4" thick, specify SK25-RM.

# F-25-M Series

## Mortise device

### 🔥 Fire exit hardware

The Falcon F-25-M Series delivers the safety of a fire-rated exit device with a choice of ratings. The F-25-M can be paired with a Falcon mortise lock, assuring a tough and secure lock for any opening requiring a high level of safety and security.



Device	Door size	Door strike	Door stile (in)	Min door opening width
F-25-M	3'	All	4 1/2"	2' 7 1/2"
F-25-M	4'	All	4 1/2"	3' 2"

### Specifications

Hand:	Handed.
UL:	"A" label (3 hr.); 4'0" x 10'0" single doors; 8'0" x 10'0" pair of doors (F-25-M x F-25-V or F-25-C). "B" label (1-1/2 hr) with FI280 open back strike.
Finishes:	US3 (605); US4 (606); US10 (612); US11 (643e); US15 (619); US19 (622); US26 (625); US26D (626); US32 (629); US32D (630); US28 (628), 313AN (710) (See page 17 for finishes.)
Strikes:	1279 standard. FI280 optional, B label (1 1/2 hr.).
Latchbolt:	Stainless steel, 3/4" throw.
Deadlocking latchbolt:	Standard.
Stock sizes	See chart.
Doors:	1 3/4" thick, wood or metal. Specify thickness if other than 1 3/4".
Projection:	2 3/4" maximum.
Stile:	4 1/2" minimum.
Mounting height	40 1/4" from CL to finished floor. For mortise lock prep per ANSI A115.1-1990.
Electric functions:	Can be interfaced with building security systems. Latch retraction, FSA/FSE trim, security monitoring, delayed egress and exit alarm available (EL fail-secure only). Subject to code requirements, state and local (see pages 32-40 for details).
Fasteners:	All mounting screws are concealed. All machine screws (AMS) standard.
Sex bolts:	Required when used with wood, composite or non-reinforced hollow metal doors. For EO device specify 6 - 425 (#10-24) SNB. For devices with trim, specify 2 - 425 (#10-24) SNB.
ANSI:	Certified ANSI A156.3-2001 grade 1 standards.
Mortise lock:	Heavy wrought lock case with investment cast or sintered steel parts. Lock face is forged brass—fits standard cutout. Locks are designed to fit standard ANSI A115.1 preparation for 1 3/4" doors. Deadlocked when auxiliary bolt is depressed 5/16".
Shim kits:	For glass lite applications; 1/4" thick, specify SK25-RM.

# 25-C Series

## Concealed vertical rod device

### Panic exit hardware

Concealed vertical rods add strength to the door, while maintaining an attractive appearance. The Falcon 25-C Series concealed vertical rod device offers great value, clean styling and the security benefits of two-point latching. Falcon's patented center slide mechanism allows easy rod adjustment in the field.



### Specifications

Hand:	Field reversible.
Finishes:	US3 (605); US4 (606); US10 (612); US11 (643e); US15 (619); US19 (622); US26 (625); US26D (626); US32 (629); US32D (630); US28 (628), 313AN (710) (see page 17 for finishes)
Strikes:	4188 mortised top, 2130 bottom standard, 4155 and 2126A bottom optional
Latchbolt:	Top stainless steel 3/4" throw. Bottom bolt 1/2" throw.
Deadlocking latchbolt:	Standard in top latch
Latch retention hold:	Standard in top latch
Dogging feature:	Half turn hex dogging standard. No threaded parts to wear out.
Cylinder dogging:	Specify "CD" prefix. Uses 1 1/8" long mortise cylinder dogging with standard cam.
Stock sizes:	See chart.
Doors:	1 3/4" thick wood or metal. Specify thickness if other than 1 3/4".
Projection:	2 3/4" maximum, 2" dogged.
Stile:	3 1/2" minimum (6 1/2" minimum on wood doors).
Electric functions:	Can be interfaced with building security systems. Latch retraction, FSA/FSE trim, security monitoring, delayed egress and exit alarm available (EL fail-secure only). Subject to code requirements, state and local. (See pages 32-40 for details.)
Fasteners:	All mounting screws are concealed, sheet metal screws standard, machine screws available, specify AMS.
Sex bolts:	Recommended when device is used with hollow core wood, composite or light gauge hollow metal doors. For EO device, specify 6 - 425 (#10-24) SNB. For devices with trim, specify 2 - 425 (#10-24) SNB.
ANSI:	Certified ANSI A156.3-2001 grade 1 standards.
25-C-LBR:	Less bottom rod concealed vertical device.
Vertical rods:	Furnished to length based on 40 1/4" horizontal CL to finished floor and a 7'0" door. Variations from these standards must be specified when ordering.
Patented centerslide:	For ease of adjustment.
Shim kits:	Consult factory.

Device	Door size	Door strike	Min stile (in)	Min door opening width
25-C	3'	All	3 1/2" (6 1/2" for wood doors)	2' 7 1/8"
25-C	4'	All	3 1/2" (6 1/2" for wood doors)	3' 1 1/8"

# F-25-C Series

## Concealed vertical rod device

### 🔥 Fire exit hardware

The Falcon F-25-C Series device lets you combine the safety of a fire-rated device with the clean aesthetics that come with a concealed vertical rod installation. In-field adjustment is simple thanks to our patented center slide mechanism. Two-point latching ensures optimal security at the door.



### Specifications

Hand:	Handed.
UL:	"A" label (3 hr.); 4'0" x 10'0" single doors; 8'0" x 10'0" pair of doors (F-25-M x F-25-V or F-25-C). "B" label (1-1/2 hr) with F1280 open back strike.
Finishes:	US3 (605); US4 (606); US10 (612); US11 (643e); US15 (619); US19 (622); US26 (625); US26D (626); US32 (629); US32D (630); US28 (628), 313AN (710) (see page 17 for finishes).
Strikes:	1279 standard. F1280 optional, B label (1 1/2 hr.).
Latchbolt:	Stainless steel, 3/4" throw.
Deadlocking latchbolt:	Standard
Stock sizes	See chart
Doors:	1 3/4" thick, wood or metal. Specify thickness if other than 1 3/4".
Projection:	2 3/4" maximum
Stile:	4 1/2" minimum
Mounting height	40 1/4" from CL to finished floor. For mortise lock prep per ANSI A115.1-1990.
Electric functions:	Can be interfaced with building security systems. Latch retraction, FSA/FSE trim, security monitoring, delayed egress and exit alarm available (EL fail-secure only). Subject to code requirements, state and local. (See pages 32-40 for details).
Fasteners:	All mounting screws are concealed. All machine screws (AMS) standard.
Sex bolts:	Required when used with wood, composite or non-reinforced hollow metal doors. For EO device specify 6 - 425 (#10-24) SNB. For devices with trim, specify 2 - 425 (#10-24) SNB.
ANSI:	Certified ANSI A156.3-2001 grade 1 standards.
Mortise lock:	Heavy wrought lock case with investment cast or sintered steel parts. Lock face is forged brass—fits standard cutout. Locks are designed to fit standard ANSI A115.1 preparation for 1 3/4" doors. Deadlocked when auxiliary bolt is depressed 5/16".
Shim kits:	For glass lite applications; 1/4" thick, specify SK25-RM.

Device	Door size	Door strike	Min stile (in)	Min door opening width
25-C	3'	All	3 1/2" (6 1/2" for wood doors)	2' 7 1/8"
25-C	4'	All	3 1/2" (6 1/2" for wood doors)	3' 1 1/8"

# 25 Series

## Accessories and options



F-4023 Shown

### Removable mullion

- The 2923, F4023, 4023, KRF-4023 and KR-4023 steel mullions are for use with the 25-R devices on double door openings.  
Advantage: Increased security and tighter closure. Minimizes door warpage and sag. Regulates the flow of in-and-out traffic
- Falcon removable mullions are easily removed and reinstalled for full width access
- Rim devices are used on both leaves, attaining a perfectly symmetrical opening
- The mullion assembly consists of a mullion, top and bottom mounting brackets and a screw pack
- The F4023 and KRF-4023 fire-rated mullions also include four stabilizer blocks as required for labeled installations
- Strikes are not furnished with the mullion. Please see page 15 for strike information
- Mullions may be cut on the job for doors under stock lengths
- KR Mullions require 1 1/4" mortise cylinder with standard A cam

### Mullion features

- Mullion fittings - ductile iron
- F4023, 4023, KRF-4023 and KR-4023 - 2" x 3" x height
- 2923 mullion - 1 1/2" x 2 1/2" x height
- Prime coat only
- 7' or 8' door opening standard, other door opening as specified

### Cylinders

- Cylinder supplied only when specified
- Cylinders keyed different

### Sex bolts

- 325 (1/4"-20 thread)
- 425 (#10-24 thread)

### Dummy touch bars

- Active and Inactive models only. Active model offered with RX or RX/KOR. Consult factory for details
- To order, specify 250DT X finish, or 250DT X finish X active touch bar

### (F)25-R Double door application

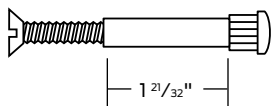
Strike	Installed with mullion	Min stile	B*
299	2923	4 1/8"	3"
299	4023	4 3/8"	3 1/4"
499-F	F-4023	4 1/2"	3 5/16"
264	2923	4"	2 7/8"
264	4023	4 1/4"	3 1/8"
1439	2923	3 7/8"	2 3/4"
1439	4023	4 1/8"	3"
1606	2923	4 1/4"	2 5/8"
1606	4023	4 1/2"	2 7/8"
1609	Surface 25-V	4"	2 3/8"

### Cylinder reference

Device	Trim	Standard key cylinder	IC key cylinder
25 Series device	Cylinder dogging	985 - 1 1/8" Mortise cylinder	C987 - 1 3/8" Mortise cylinder (Blocking ring plus security collar must equal 1/4" thick)
25 Series device Rim & surface vertical	Cylinder only (NL - OP)	951- Rim cylinder	953 - Rim cylinder
25 Series device Moortise	Cylinder only (NL - OP)	* 986 - 1 1/4" Mortise cylinder	** C987 - 1 3/8" Mortise cylinder
25 Series trims	L, K, TP, NL	986 - 1 1/4" Mortise cylinder	C987 - 1 3/8"
264	4023 mullion	4 1/4"	3 1/8"

\*Cylinder must be spaced off of the door a minimum of 1/4" via a recessed blocking ring

\*\* Cylinder must be spaced off of the door a minimum of 3/8" via a recessed blocking ring.





# 25 Series

## Strikes and accessories

### Strikes

#### For rim devices



**264**  
2 7/8" x 1 1/4" x 9/16"  
(H x W x D)  
Panic device only.



**299**  
7 7/8" x 1 1/4" x 13/16"  
(H x W x D)  
Panic device only.



**299F**  
2 7/8" x 1 1/4" x 13/16"  
(H x W x D)



**499F**  
3 5/8" x 1 1/2" x 16/16"  
(H x W x D)



**1439 Blade stop**  
1 3/4" x 1 7/8" x 1/2"  
(H x W x D)  
Panic device only.



**1606**  
2 7/8" x 1 3/8" x 3/8"  
(H x W x D)  
Panic device only.



**1609**  
3 1/4" x 1 1/16" x 3/8"  
(H x W x D)  
Requires coordinator.  
Panic device only.

#### For surface and concealed vertical rod devices



**2130**  
(F)25-V and (F)25-C  
standard bottom strike for  
grouting into concrete or  
masonry floors.



**3788**  
Furnished top  
of (F)25-V.



**4155**  
Optional strike.  
Panic device only.



**4188**  
Top strike for  
(F)25-C.

#### For mortise lock devices



**1279**  
Closed strike used on  
single doors and on fire  
exit hardware doors with  
coordinator.

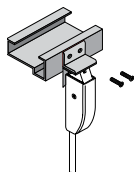


**F1280**  
Open back strike used on pairs of  
1 3/4" doors without astragal or  
coordinator. Can be used on stock  
hollow metal doors. F1280 "B" label  
(1 1/2 hr.) stainless steel strike  
available.



**1281**  
Open back strike for 1 3/4" doors.  
8" x 1 1/4" face allow use in  
mortise lock cutout of stock  
hollow metal door.

### Accessories



**4215**  
Angle bracket for flush transom applications.  
Does not require elimination of latch retention  
feature. Accepts 3788 strike for 25-V device.

#### Surface vertical extension rods

Extension rods are  
available in 12", 24"  
and 36" lengths in  
all finishes. Both  
ends tapped and  
all-thread included  
as connector.

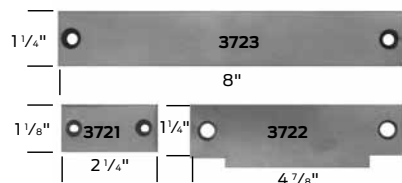


#### Concealed extension rods

Extension rods are  
available in 12", 24"  
and 36". Both ends  
have pressed-in,  
threaded inserts.



#### Filler Plates



**3721/ 3722/ 3723**  
Steel filler plates

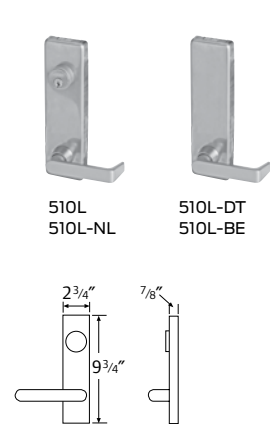
- 3721 Cylindrical lock front filler
- 3722 Strike filler - set no. SC for 161 cutout
- 3723 Mortise lock front filler
- 3722 Strike filler - set no. SM for 86 cutout

# 25 Series

## Trim designs

Functionality built into the trim, facilitating easy door preps, easy field retrofit and easy ordering.

### Lever trims (510L)



### Lever designs



**Avalon (AVA)**  
Projection 3 1/4"



**Quantum (QUA)**  
Projection 3 1/4"



**Dane (DAN)**  
Projection 3"



**Broadway (BRW)**  
Projection 3 1/5"



**Boardwalk (BRK)**  
Projection 3 1/5"



**Danish (DSH)**  
Projection 2 9/16"



**Latitude (LAT)**  
Projection 3 1/10"



**Longitude (LON)**  
Projection 3 1/10"



**Sutro (SUT)**  
Projection 3 1/4"

All levers return to within 1/2" of door.

Escutcheon: 9 3/4" (H) x 2 3/4" (W) (specify handing) brass finish.

Protected by easily replaceable shear pin.

Lever is reversible, supplied RHR if not specified. For keyed functions, see page 14 for cylinder requirements.

### Vandal - resistant lever trims (511L)



Provides resistance to rotation, making damage of trim due to attack from the outside less likely.

Designed to operate normally after vandalism attempts without the need for maintenance personnel intervention.

- Heavy duty, vandal-resistant, ANSI A156.3 grade 1 security trim
- Lever deflects up to 22 ft-lb for a minimum of 10,000 vandal-resistant cycles
- Vandal resistance is present in both lever rotation directions
- After lever is fully deflected, lever stops rotating and a shear pin breaks at 70 ft-lb to prevent damage to unit
- Available on 25 rim, vertical, mortise, and concealed devices
- Retrofits all existing 25 trim without additional door prep
- Works with all electric lock and unlock functions
- Available in all finishes and lever designs including Avalon, Boardwalk, Broadway, Dane, Danish, Latitude, Longitude, Sutro, and Quantum

### Pull trims (512)



**512TP**

**512NL**

**512DT**

**512TP-BE**



**717DT**

Escutcheon: 16" x 2 3/4"

Grip: 6 1/4" C-C

Projection: 2 11/16"

Brass

For keyed functions, see page 14 for cylinder requirements.

### Delta (717)

### Knob trims (513K)



**513K-DT**  
**513K-BE**

**513K**  
**513K-NL**

Round ball knob

Escutcheon: 9 3/4" x 2 3/4"

Projection: 4"

Brass

For keyed functions, see page 14 for cylinder requirements.

### Cylinder only (NL-OP)

Key retracts latch bolt.  
Cylinder sold separately  
(see page 14).


# 25 Series

## Trim chart & finish chart

### Function

	Lock/ unlock	NL	DT	BE	FSA/ FSE
Lever (510)	510L	510L-DT	510-DT	510L-BE	510L-FSA 510L-FSE
Vandal-resistant lever (511)	511L	—	—	—	511L-FSA 511L-FSE
Pull trims (512)	512TP	512-NL	512DT	512TP-BE	512L-FSA 512L-FSE
Knob (513)	513K	513K-NL	513K-DT	513K-BE	513L-FSA 513L-FSE
Delta (717)	—	—	717DT	—	—

## 25 Series finishes

























	Color	US number	BHMA number
	Brass, bright	US3	605
	Brass, satin	US4	606
	Bronze, satin	US10	612
	Bronze, aged	US11	643e*
	Nickel, satin	US15	619*
	Black, matte	US19	622*
	Chromium, bright	US26	625
	Chromium, satin	US26D	626
	Anodized aluminum	US28	628
	Stainless Steel, bright	US32	629
	Stainless Steel, satin	US32D	630
	Anodized duranodic	313AN	710

\*Available on select devices and trims

# 25 Series

## Types and functions


This page shows all 25 Series device and trim functions.

	Rim device ANSI type 1	Vertical rod device ANSI type 2	Mortise lock device ANSI type 3	Concealed vertical rod device ANSI type 8
Functions (ANSI)	(F)-25-R	(F)-25-V	(F)-25-M	(F)-25-C
<b>EO (01)</b> Exit only, no trim.				
	<b>25-R-EO</b>	<b>25-V-EO</b>	<b>25-M-EO</b>	<b>25-C-EO</b>
<b>DT (02)</b> Entrance by trim when actuating bar is locked down.				
	<b>25-R-DT</b>	<b>25-V-DT</b>	<b>25-M-DT</b>	<b>25-C-DT</b>
<b>NL (03)</b> Entrance by trim when latchbolt is retracted by key. Key removable only when locked.				
	<b>25-R-NL</b>	<b>25-V-NL</b>	<b>25-M-NL</b>	<b>25-C-NL</b>
<b>TP (05)</b> Entrance by thumbpiece. Key locks or unlocks thumbpiece.				
	<b>25-R-TP</b>	<b>25-V-TP</b>	<b>25-M-TP</b>	<b>25-C-TP</b>
<b>L or K (08)</b> Entrance by knob or lever. Key locks or unlocks knob.				
	<b>25-R-L/K</b>	<b>25-V-L/K</b>	<b>25-M-L/K</b>	<b>25-C-L/K</b>
<b>L(NL) or K(NL) (09)</b> Entrance by knob or lever only when released by key. Key removable only when locked.				
	<b>25-R-L/K(NL)</b>	<b>25-V-L/K(NL)</b>	<b>25-M-L/K(NL)</b>	<b>25-C-L/K(NL)</b>

# 25 Series

## Door application

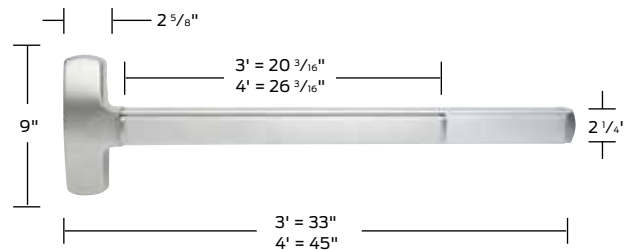
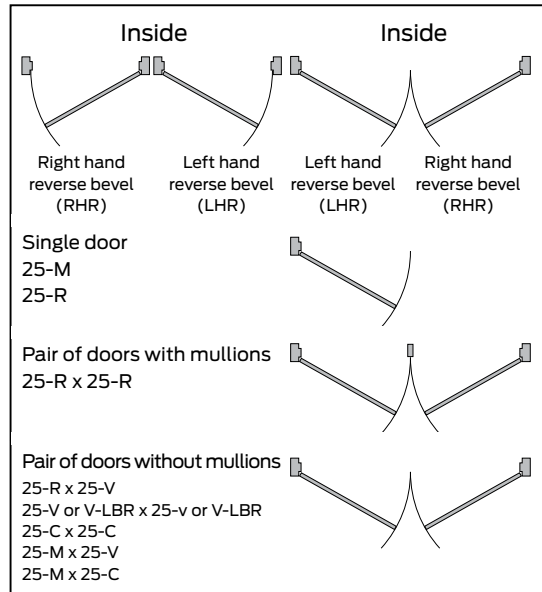
### Label doors

Models F-25-R, F-25-M, F-25-C and F-25-V are labeled for use as  Fire exit hardware.

### Door thickness

All devices and components supplied for 1 <sup>3</sup>/<sub>4</sub>" doors standard. Specify door thickness if other than 1 <sup>3</sup>/<sub>4</sub>".

### Door application chart



Product information and specifications contained in this catalog are subject to change without notice. Please consult the factory.

# 24-R Series

## Rim device

### Panic exit hardware

The Falcon 24-R Series narrow stile rim device allows for application versatility in high-traffic installations. Standard features include a single-point, rim type latch and a streamlined touch bar design. This device can also be electrified for maximum ease of use and accessibility.



### Single door application

Device	Door size	Door strike	Min stile (in)	Min door opening width
24-R	3'	299	3 1/2"	2' 7 1/2"
		264	3 3/8"	2' 7 3/8"
		1439	2 1/4"	2' 6 3/4"
		1606	2 3/4"	2' 7 1/8"
24-R	4'	299	3 1/2"	3' 1 1/2"
		264	3 3/8"	3' 1 3/8"
		1439	2 1/4"	3' 3/4"
		1606	2 3/4"	3' 1 1/8"

### Double door application

Device	Door size	Door strike	Min stile (in)	Min door opening width
24-R	3'	299 x 2923	3 1/2"	2' 7 1/2"
		299 x 4023	4"	2' 7 1/2"
		264 x 2923	3 3/8"	2' 7 3/8"
		264 x 4023	3 5/8"	2' 7 3/8"
		1439 x 2923	3 1/2"	2' 7 1/8"
		1439 x 4023	3 3/4"	2' 7 1/8"
		1606 x 2923	3 1/2"	2' 7 1/8"
		1606 x 4023	3 3/4"	2' 7 1/8"
		4396 x 4423	2 1/8"	2' 6 5/8"
24-R	4'	299 x 2923	3 1/2"	3' 1 1/2"
		299 x 4023	4"	3' 1 1/2"
		264 x 2923	3 3/8"	3' 1 3/8"
		264 x 4023	3 5/8"	3' 1 3/8"
		1439 x 2923	3 1/2"	3' 1 1/8"
		1439 x 4023	3 3/4"	3' 1 1/8"
		1606 x 2923	3 1/2"	3' 1 1/8"
		1606 x 4023	3 3/4"	3' 1 1/2"
		4396 x 4423	2 1/8"	3' 5/8"

### Specifications

Hand:	Non-handed
Functions:	24-EO (exit only) has all functions built in. Order trim with the device, or add it later (see trim selection chart on page 29).
Finishes:	US3 (605); US4 (606); US10 (612); US11 (643e); US15 (619); US19 (622); US26 (625); US26D (626); US32 (629); US32D (630); US28 (628), 313AN (710) (see page 29 for finishes)
Strikes:	299F strike standard. See page 27 for optional strikes.
Latchbolt:	Stainless steel, 3/4" throw.
Deadlocking latchbolt:	Optional. Specify "DL" prefix.
Dogging feature:	Half turn hex dogging standard. No threaded parts to wear out.
Stock sizes:	See chart to left.
Doors:	1 3/4" thick, wood or metal. Specify thickness if other than 1 3/4".
Projections:	2 3/4" maximum, 2" dogged.
Mounting height:	40" from CL to finished floor.
Electric functions:	Can be interfaced with building security systems. Latch retraction, security monitoring, delayed egress and exit alarm available (EL fail- secure only). Subject to code requirements, state and local (see pages 32-40 for details).
Fasteners:	All mounting screws are concealed.
Sex bolts:	Recommended when device is used with hollow core wood, composite or light gauge hollow metal doors. For EO device, specify 4 - 425 (#10-24) SNB and 2 - 325 (1/4"-20) SNB. For devices with trim, specify 4 - 425 (#10-24) SNB.
ANSI:	Certified ANSI A156.3-2001 grade 1 standards.
Center case & working parts:	Wrought steel with heavy wrought and sintered metal parts.
Shim kits:	For glass lite applications; 1/4" thick, specify SK24-R.

# F-24-R Series

## Rim device

### Fire exit hardware

The Falcon F-24-R Series rim device combines sleek styling and durability with the protection of a fire-rated device. A narrow stile design allows for installation versatility. The F-24-R also features a single-point, rim type latch and can be electrified.



299F Strike



### Single door application

Device	Door size	Door strike	Min stile (in)	Min door opening width
F-24-R	3'	299-F	3 1/2"	2' 7 1/2"
F-24-R	4'	299-F	3 1/2"	3' 1 1/2"

### Double door application

Device	Door size	Door strike	Min stile (in)	Min door opening width
F-24-R	3'	299-F x F-4023	4"	2' 7 1/2"
F-24-R	4'	299-F x F-4023	4"	3' 1 1/2"

### Specifications

Hand:	Non-handed
UL:	"B" label (1 1/2 hr.); 4'0" x 8'0".
Functions	F-24-REO (Exit only) has all functions built in. Order trim with the device, or add it later. (see trim selection chart on page 29)
Finishes:	US3 (605); US4 (606); US10 (612); US11 (643e); US15 (619); US19 (622); US26 (625); US26D (626); US32 (629); US32D (630); US28 (628), 313AN (710) (see page 29 for finishes)
Strikes:	299F strike standard.
Latchbolt:	Stainless steel, 3/4" throw.
Deadlocking latchbolt:	Standard.
Stock sizes:	See chart to left.
Doors:	1 3/4" thick, wood or metal. Specify thickness if other than 1 3/4".
Projections:	2 3/4" maximum.
Mounting height:	40" from CL to finished floor.
Electric functions:	Can be interfaced with building security systems. Latch retraction, security monitoring, delayed egress and exit alarm available (EL fail-secure only). Subject to code requirements, state and local. (see pages 32-40 for details)
Fasteners:	All mounting screws are concealed. Furnished with all machine screws.
Sex bolts:	Required when used with wood, composite or non-reinforced hollow metal doors. For EO device, specify 4 - 425 (#10-24) SNB and 2 - 325 (1/4"-20) SNB. For devices with trim, specify 4 - 425 (#10-24) SNB.
ANSI:	Certified ANSI A156.3-2001 grade 1 standards.
Center case & working parts:	Investment-cast ferrous alloy with heavy wrought and sintered metal parts.
Shim kits:	For glass lite applications; 1/4" thick, specify SK24-R.

# 24-V Series

## Vertical rod device

### Panic exit hardware

High-traffic applications demand the added strength and protection that comes with a vertical rod device. The Falcon 24-V Series delivers with a surface-applied design that includes standard top latch and deadlocking. The narrow stile and sleek touch bar design ensure an attractive installation.



### Specifications

Hand:	Field reversible.
Functions:	24-V-EO (exit only) has all functions built in. Order trim with the device, or add it later. (see trim selection chart on page 29)
Finishes:	US3 (605); US4 (606); US10 (612); US11 (643e); US15 (619); US19 (622); US26 (625); US26D (626); US32 (629); US32D (630); US28 (628), 313AN (710) (see page 29 for finishes)
Strikes:	3788 top strike is surface applied, 2130 bottom strike is mortised into floor.
Angle Bracket:	Use 4215 angle bracket in flush transom installations. Allow use of standard 3788 strike.
Latchbolt:	Top stainless steel, top latch $\frac{3}{4}$ " throw, bottom bolt $\frac{1}{2}$ " throw.
Deadlocking latchbolt:	Standard with top latch.
Latch retention hold:	Standard with top latch. On top latch.
Dogging feature:	Half turn hex dogging standard. No threaded parts to wear out.
Stock sizes:	See chart below.
Doors:	$1\frac{3}{4}$ " thick, wood or metal. Specify thickness if other than $1\frac{3}{4}$ " thick.
Projections:	$2\frac{3}{4}$ " maximum, 2" dogged.
Stile:	$1\frac{3}{4}$ " minimum when used in pairs.
Electric functions:	Can be interfaced with building security systems. Latch retraction, security monitoring, delayed egress and exit alarm available (EL fail-secure only). Subject to code requirements, state and local (see pages 32-40 for details).
Fasteners:	All mounting screws are concealed, sheet metal screws standard, machine screws available, specify AMS.
Sex bolts:	Recommended when device is used with hollow core wood, composite or light gauge hollow metal doors. For EO device, specify 8 - 425 (#10-24) SNB and 2 - 325 ( $\frac{1}{4}$ "-20) SNB. For devices with trim, specify 8 - 425 (#10-24) SNB.
ANSI:	Certified ANSI A156.3-2001 grade 1 standards.
24-V:	Latch retention (LR) top latch and bottom square bolt. 3788 strike top, 2130 flush strike bottom.
24-V-LBR:	Less bottom rod vertical.
Vertical rods:	Furnished to length based on a 40" horizontal CL from finished floor and a 7'0" door standard. Variations from these standards must be specified when ordering.
Shim kits:	For glass lite applications; $\frac{1}{4}$ " thick, specify SK24-V.

Device	Door size	Door strike	Min stile (in)	Min door opening width
24-V	3'	All	$2\frac{1}{8}$ "	$2'7\frac{1}{4}$ "
24-V	4'	All	$2\frac{1}{8}$ "	$3'1\frac{1}{4}$ "

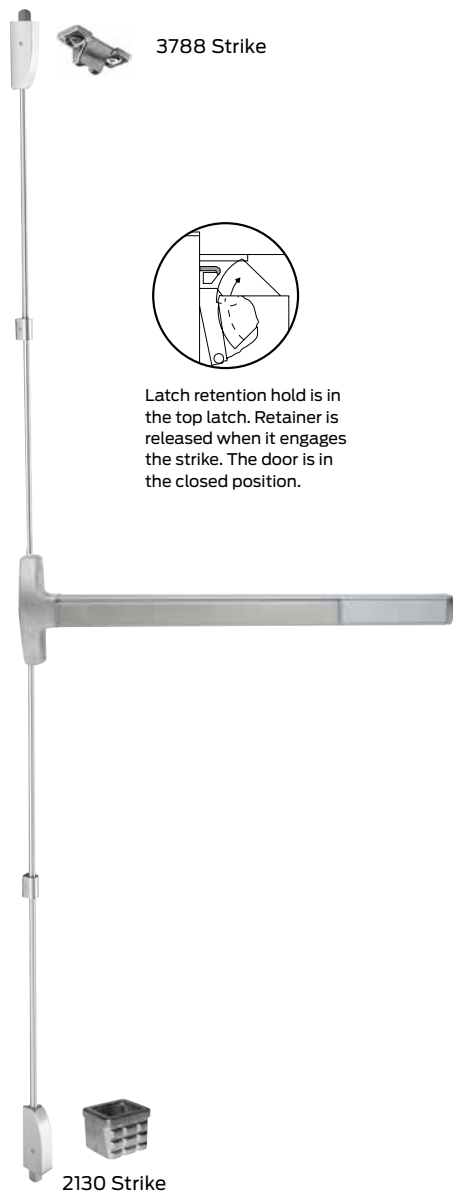


# F-24-V Series

## Vertical rod device

### Fire exit hardware

When your application requires strength and durability, plus fire-rated performance, the F-24-V Series is the total package. This surface-applied vertical rod device includes a sleek touch bar design with top latch and deadlocking standard, as well as a narrow stile that fits where you need it to.



### Specifications

Hand:	Field reversible.
UL:	"A" Label (3 hr) - double egress - 8' x 10'; 90 min. same egress - 8' x 10'. Wood door: 20 min. 8' x 10'; 90 min. 8' x 9'. Consult door manufacturer for maximum rating.
Functions:	F-24-V-EO (exit only) has all functions built in. Order trim with the device, or add it later (see trim selection chart on page 29).
Finishes:	US3 (605); US4 (606); US10 (612); US11 (643e); US15 (619); US19 (622); US26 (625); US26D (626); US32 (629); US32D (630); US28 (628), 313AN (710) (see page 29 for finishes)
Strikes:	3788 top strikes are surface applied, 2130 bottom strike is mortised into floor.
Latchbolt:	Top stainless steel, top latch $\frac{3}{4}$ " throw, bottom bolt $\frac{1}{2}$ " throw.
Latch retention hold:	Standard with top latch.
Deadlocking latchbolt:	Standard with top latch.
Stock sizes:	See chart below.
Doors:	$1\frac{3}{4}$ " thick, wood or metal. Specify thickness if other than $1\frac{3}{4}$ " thick.
Projections:	$2\frac{3}{4}$ " maximum.
Stile:	$2\frac{1}{8}$ " minimum when used in pairs.
Electric functions:	Can be interfaced with building security systems. Latch retraction, security monitoring, delayed egress and exit alarm available (EL fail-secure only). Subject to code requirements, state and local. (See pages 32-40 for details.)
Fasteners:	All mounting screws are concealed. All machine (AMS) standard.
Sex bolts:	Recommended when device is used with hollow core wood, composite or light gauge hollow metal doors. For EO device, specify 8 - 425 (#10-24) SNB and 2 - 325 ( $\frac{1}{4}$ -20) SNB. For devices with trim, specify 8 - 425 (#10-24) SNB.
ANSI:	Certified ANSI A156.3-2001 grade 1 standards.
F-24-V:	Latch retention (LR) top latch and bottom square bolt. 3788 strike top, 2130 flush strike bottom.
F-24-V-LBR:	Less bottom rod vertical device. "A" Label (3 hr) - 8' x 8'; 90 min. same egress - 8' x 8'. Wood Door: 20 minute minimum - 8' x 8' openings. Consult door manufacturer for maximum rating.
Vertical rods:	Furnished to length based on a 40" horizontal CL from finished floor and a 7'0" door standard. Variations from these standards must be specified when ordering.
Shim kits:	For glass lite applications; $\frac{1}{4}$ " thick, specify SK24-V.

Device	Door size	Door strike	Min stile (in)	Min door opening width
F-24-V	3'	All	$2\frac{1}{8}$ "	$2'7\frac{1}{4}$ "
F-24-V	4'	All	$2\frac{1}{8}$ "	$3'1\frac{1}{4}$ "

# 24-C Series

## Concealed vertical rod device

### Panic exit hardware

Concealed vertical rods add strength to the door, while maintaining an attractive appearance. The Falcon 24-C Series concealed vertical rod device offers great value, clean styling, a versatile narrow stile design and the security benefits of two-point latching. Falcon's patented center slide mechanism allows easy rod adjustment in the field.



### Specifications

Hand:	Field reversible or specify handing.
Functions:	See trim selection chart on page 29. Delta trim only.
Finishes:	US3 (605); US4 (606); US10 (612); US11 (643e); US15 (619); US19 (622); US26 (625); US26D (626); US32 (629); US32D (630); US28 (628), 313AN (710) (see page 29 for finishes).
Strikes:	4188 mortised top and 2130 flush strike bottom, optional bottom 2126A and 4155.
Latchbolt:	Top stainless steel, top latch $\frac{3}{4}$ " throw. Bottom bolt $\frac{1}{2}$ " throw.
Deadlocking latchbolt:	Standard with top latch.
Latch retention hold:	Standard with top latch.
Dogging feature:	Half turn hex dogging standard. No threaded parts to wear out.
Cylinder dogging:	Specify "CD" prefix. Uses $1\frac{1}{8}$ " long mortise cylinder dogging with standard cam.
Stock sizes:	See chart below.
Doors:	$1\frac{3}{4}$ " thick, wood or metal. Specify if other than $1\frac{3}{4}$ " thick.
Projections:	$2\frac{3}{4}$ " maximum, 2" dogged.
Stile:	$2\frac{1}{4}$ " minimum when used in pairs. (6" minimum on wood doors)
Electric functions:	Can be interfaced with building security systems. Latch retraction, security monitoring, delayed egress and exit alarm available (EL fail-secure only). Subject to code requirements, state and local (see pages 32-40 for details)
Fasteners:	All mounting screws are concealed, sheet metal screws standard, machine screws available, specify AMS.
Sex bolts:	Recommended when device is used with hollow core wood, composite or light gauge hollow metal doors. For EO device, specify 2 - 425 (#10-24) SNB and 2 - 325 ( $\frac{1}{4}$ -20) SNB. For devices with trim, specify 2 - 425 (#10-24) SNB.
ANSI:	Certified ANSI A156.3-2001 grade 1 standards.
24-V-LBR:	Less bottom rod concealed vertical device.
Vertical rods:	Furnished to length based on 40" horizontal CL to finished floor and a 7'0" door. Variations from these standards must be specified when ordering.
Patented centerslide:	For ease of adjustment.
Shim kits:	Consult factory

Device	Door size	Door strike	Min stile (in)	Min door opening width
24-C	3'	All	$2\frac{1}{4}$ " (6" for wood doors)	$2'7\frac{3}{8}$ "
24-C	4'	All	$2\frac{1}{4}$ " (6" for wood doors)	$3'1\frac{3}{8}$ "

# F-24-C Series

## Concealed Vertical Rod Device

### Fire Exit Hardware

The Falcon F-24-C Series device lets you combine the safety of a fire-rated device with the clean aesthetics that come with a narrow stile and concealed vertical rod installation. In-field adjustment is simple thanks to our patented center slide mechanism. Two-point latching ensures optimal security at the door.



### Specifications

Hand:	Field reversible.
UL:	"A" Label (3 hr) - double egress - 8' x 10'; 90 min. same egress - 8' x 10'.
Functions:	See trim selection chart on page 29. Delta trim only.
Finishes:	US3 (605); US4 (606); US10 (612); US11 (643e); US15 (619); US19 (622); US26 (625); US26D (626); US32 (629); US32D (630); US28 (628), 313AN (710) (see page 29 for finishes).
Strikes:	4188 mortised top, 2130 flush strike bottom.
Latchbolt:	Top stainless steel, 3/4" throw. Bottom bolt 1/2" throw.
Latch retention hold:	Standard with top latch.
Deadlocking latchbolt:	Standard with top latch.
Stock sizes:	See chart below.
Doors:	1 3/4" thick metal. Specify if other than 1 3/4" thick.
Projections:	2 3/4" maximum.
Stile:	2 1/4" minimum when used in pairs. (6" minimum on wood doors)
Electric functions:	Can be interfaced with building security systems. Latch retraction, security monitoring, delayed egress and exit alarm available (EL fail-secure only). Subject to code requirements, state and local (see pages 32-40 for details).
Fasteners:	All mounting screws are concealed. All machine screws standard.
Sex bolts:	Required when used with wood, composite or non-reinforced hollow metal doors. For EO device specify 2 - 425 (#10-24) SNB and 2 - 325 (1/4"-20) SNB. For devices with trim, specify 2 - 425 (#10-24) SNB.
ANSI:	Certified ANSI A156.3-2001 grade 1 standards.
F-24-C-LBR:	Less bottom rod concealed vertical device. "A" Label (3 hr) - 8' x 8'; 90 min. same egress - 8' x 8'.
Vertical rods:	Furnished to length based on 40" horizontal CL to finished floor and a 7'0" door. Variations from these standards must be specified when ordering.
Patented centerslide:	For ease of adjustment.
Shim kits:	Consult factory.

Device	Door size	Door strike	Min stile (in)	Min door opening width
F-24-C	3'	All	2 1/4" (6" for wood doors)	2' 7 3/8"
F-24-C	4'	All	2 1/4" (6" for wood doors)	3' 1 3/8"

# 24 Series

## Accessories and options



4023 Shown

### Removable mullion

- The 2923, 4023, KR4023 and 4423 steel mullions are for use with the 24-R devices on double door openings. Advantage: Increased security and tighter closure. Minimizes door warpage and sag. Regulates the flow of in-and-out traffic
- Removable mullions are easily removed and reinstalled for full width access
- Rim devices are used on both leaves, attaining a perfectly symmetrical opening
- The mullion assembly consists of a mullion, top and bottom mounting brackets and a screw pack. Soffit adapters are available for use with either the 2923, 4423 or the 4023 mullion
- Strikes are not furnished with the mullion (except 4423). Please see page 27 for strike information
- Mullions may be cut on the job for doors under stock lengths

### 24-R Double door application

Strike	Installed with mullion	Min stile	B*
299	2923	3 1/2"	2 3/16"
299	4023	4"	2 7/16"
264	2923	3 3/8"	2 1/16"
264	4023	3 5/8"	2 5/16"
1439	2923	3 7/16"	1 7/8"
1439	4023	3 11/16"	2 1/8"
1606	2923	3 5/16"	1 7/8"
1606	4023	3 11/16"	2 1/8"
4396	4423	2 1/8"	1 1/8"

### Mullion features

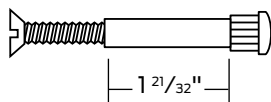
- Mullion fittings – ductile iron
- 4023 – 2" x 3" x height
- KR4023 cylinder removable mullion – 2" x 3" x height and uses 1 1/4" mortise cylinder not furnished
- 2923 mullion – 1 1/2" x 2 1/2" x height
- 423 mullion – T shape (1" on latch edge) supplied with 4396 adjustable strike
- Prime coat only
- 7' or 8' door opening standard, other door opening as specified

### Cylinders - control trim

- Cylinder supplied only when specified.
- Cylinders available keyed alike.

### Sex bolts

- 325 (1/4"-20 thread)
- 425 (#10-24 thread)



### Cylinder reference

Device	Trim	Standard key cylinder	IC key cylinder
24 Series device	Cylinder dogging	985 - 1 1/8" Mortise cylinder	C987 - 1 3/8" Mortise cylinder (Blocking ring plus security collar must equal 1/4" thick)
24 Series trims	L, K	986 - Mortise cylinder	C987 - Mortise cylinder
24 Series trims	NL - Rim and surface vertical 718C, 718NL	951 - Rim cylinder	C953 - Rim cylinder
24 Series trims	Concealed 718C, 718NL	986 - 1 1/4" Mortise cylinder *4831 cam for trim prior to 2/28/12; B520 - 731 cam for trim after 2/28/12	C987 - 1 3/8" mortise cylinder (blocking ring plus security collar must equal 1/4")

# 24 Series

## Accessories and strikes

### Strikes

#### For rim devices



**264**  
2 7/8" x 1 1/4" x 9/16"  
(H x W x D)  
Panic device only.



**299**  
2 7/8" x 1 1/4" x 13/16"  
(H x W x D)  
Panic device only.



**299F**  
2 7/8" x 1 1/4" x 13/16"  
(H x W x D)



**1606**  
2 7/8" x 1 3/8" x 3/8"  
(H x W x D)  
Panic device only.



**1439 Blade stop**  
1 3/4" x 1 7/8" x 1/2"  
(H x W x D)  
Panic device only.

#### For surface and concealed vertical rod devices



**2130**  
(F)24-V and (F)24-C  
standard bottom  
strike for grouting  
into concrete or  
masonry floors.



**3788**  
Furnished top  
of (F)24-V.

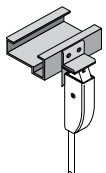


**4155**  
Optional strike.  
Panic device only.



**4188**  
Top strike for  
(F)24-C.

### Accessories



**4215**  
Angle bracket for flush transom applications.  
Does not require elimination of latch  
retention feature. Accepts 3788 strike for  
24-V device.



#### Surface vertical extension rods

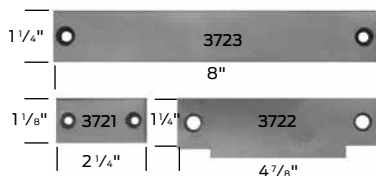
Extension rods are  
available in 12", 24"  
and 36" lengths in  
all finishes. Both  
ends tapped and  
all-thread included  
as connector.



#### Concealed extension rods

Extension rods are  
available in 12", 24"  
and 36". Both ends have  
pressed-in, threaded  
inserts.

#### Filler plates



#### 3721/3722/3723

Steel filler plates

- 3721 Cylindrical lock front filler
- 3722 Strike filler - set no. SC for 161 cutout
- 3723 Mortise lock front filler
- 3722 Strike filler - set no. SM for 86 cutout

# 24 Series

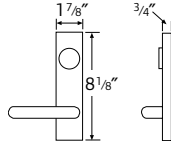
## Trim designs

### Lever trims (712L)



712L  
712L/NL

712L/DT  
712L/BE



### Knob trim (711K)



711K  
711-NL

Round ball knob  
Escutcheon: 8 1/8" x 1 7/8"  
Projection: 3 7/8"  
Brass  
For keyed functions, see page 26 for cylinder requirements.

### Athena (715)



715DT

Grip overall: 9 1/8"  
Width: 1 1/16"  
Pull: 6 1/4" C x C  
Projection: 2 1/4"

### Lever designs



Avalon (AVA)  
Projection 3 1/4"



Quantum (QUA)  
Projection 3 1/4"



Dane (DAN)  
Projection 3"



Broadway (BRW)  
Projection 3 1/5"



Boardwalk (BRK)  
Projection 3 1/5"



Danish (DSH)  
Projection 2 9/10"



Latitude (LAT)  
Projection 3 1/10"



Longitude (LON)  
Projection 3 1/10"



Sutro (SUT)  
Projection 3 1/4"

All levers return to within 1/2" of door.

Escutcheon: 8 1/8" (H) x 1 7/8" (W) (specify handing) brass finish.

Protected by easily replaceable shear pin.

Lever is reversible, supplied RHR if not specified. For keyed functions, see page 26 for cylinder requirements.

### Delta trims

#### 1 1/8" Mortise cylinder



718DT

#### 1" Cylinder



718C



718NL



717DT



718TL



718TL-BE

Specify handing  
Escutcheon: 8 1/8" x 1 7/8"  
Projection: 2 1/4"  
All Delta pulls: 6 1/4" C x C  
NL and DT: 14 1/16" x 2 1/4"

### Cylinder information

Key retracts latch bolt.  
Cylinder sold separately  
(see page 26).

Brass and/or plated finishes.

For cylinder information see page 26.  
When locking function is not required,  
specify trim by (BE) blank escutcheon.

# 24 Series



## Trim chart & finish chart

### Function

	Lock/ unlock	NL	DT	BE	FSA/ FSE
Lever <sup>1</sup> (712)	712L	712L-NL	712L-DT	12L-BE	
Knob (711)	711K	711K-NL	—	711K_BE	
Delta (717)	—	—	717DT	—	
Delta (718)	—	718NL	718DT	—	718C
Athena (715)	—	—	715DT		

<sup>1</sup> Specify hand.



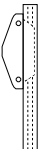
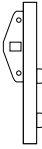


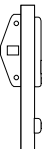


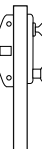

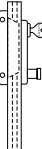



## 24 Series finishes

	Color	US number	BHMA number
	Brass, bright	US3	605
	Brass, satin	US4	606
	Bronze, satin	US10	612
	Bronze, aged	US11	643e*
	Nickel, satin	US15	619*
	Black, matte	US19	622*
	Chromium, bright	US26	625
	Chromium, satin	US26D	626
	Anodized aluminum	US28	628
	Stainless Steel, bright	US32	629
	Stainless Steel, satin	US32D	630
	Anodized duranodic	313AN	710

\*Available on select devices and trims

# 24 Series

## Types and functions


	Rim devices ANSI type 4	Vertical rod devices ANSI type 5	Concealed vertical rod devices ANSI type 6
Functions (ANSI)	(F)-24-R	(F)- 24-V	(F)-24-C
<b>EO (01)</b> Exit only, no trim.	 <b>24-R-EO</b>	 <b>24-V-EO</b>	 <b>24-C-EO</b>
<b>DT (02)</b> Entrance by trim when actuating bar is locked down. Note: Fire exit devices cannot be dogged down. Some codes permit electric dogging with fail secure circuitry.	 <b>24-R-DT</b>	 <b>24-V-DT</b>	 <b>24-C-DT</b>
<b>NL (03)</b> Entrance by trim when latchbolt is retracted by key. Key removable only when locked.	 <b>24-R-NL</b>	 <b>24-V-NL</b>	 <b>24-C-NL</b>
	Rim devices ANSI type 4	Vertical rod devices ANSI type 5	Concealed vertical rod devices ANSI type 6
	(F)-24-R	(F)- 24-V	(F)-24-C
<b>L or K (08)</b> Entrance by knob or lever. Key locks or unlocks knob.	 <b>24-R-L or K</b>	 <b>24-V-L or K</b>	 <b>24-C-L or K</b>
<b>L (NL) or K (NL) (09)</b> Entrance by knob or lever only when released by key. Key removable only when locked.	 <b>24-R-L or K(NL)</b>	 <b>24-V-L or K(NL)</b>	 <b>24-C-L or K(NL)</b>



# 24 Series

## Door application

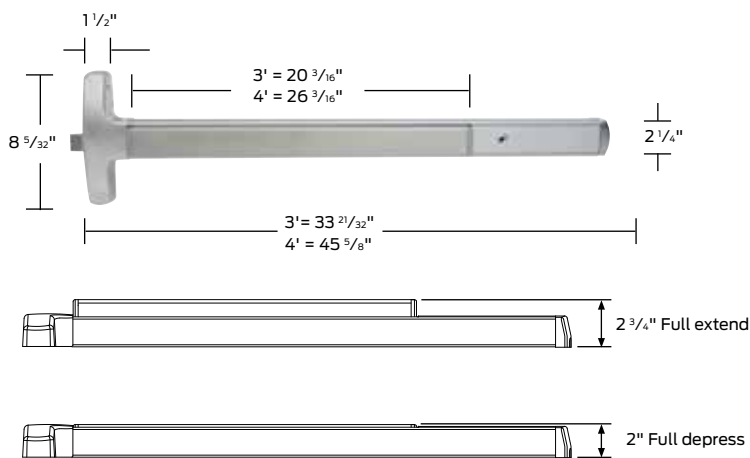
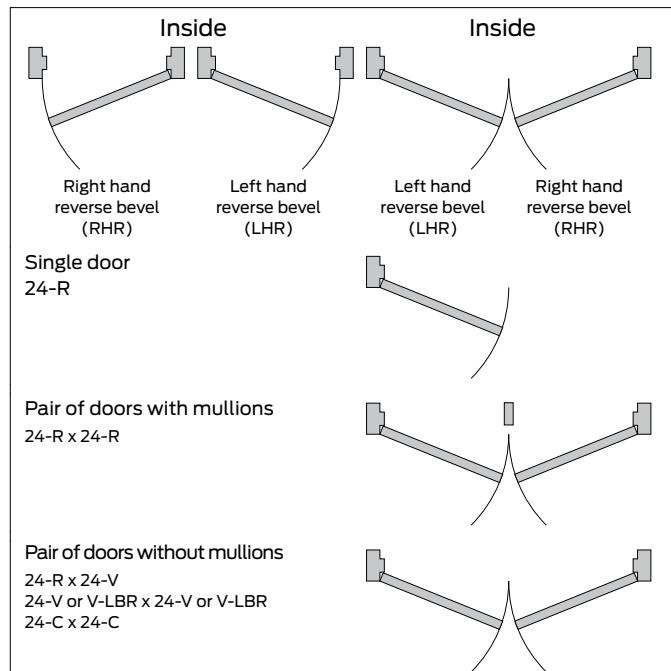
### Label doors

Falcon models F-24-R, F-24-C and F-24-V are labeled for use as  fire exit hardware.

### Door thickness

All devices and components supplied for  $1\frac{3}{4}" - 3'0" \times 7'0"$  doors standard. Specify door thickness if other than  $1\frac{3}{4}"$ .

### Door application chart



Product information and specifications contained in this catalog are subject to change without notice. Please consult the factory.

# Electric latch retraction

## Electric latch retraction (EL) for all 24 and 25 Series devices

The Electric latch retraction (EL) feature provides control of latch retraction by guard or security system, allowing free entrance from outside or trim side of door. The EL system can be activated to hold the latch open momentarily or for extended periods of time, and can be interfaced with automatic doors, card readers, automatic fire alarm systems, etc.



The Electric latch retraction (EL) feature provides control of latch retraction by guard or security system, allowing free entrance from outside or trim side of door. The EL system can be activated to hold the latch open momentarily or for extended periods of time, and can be interfaced with automatic doors, card readers, automatic fire alarm systems, etc.

### EL system requirements:

- The EL application requires the use of the PS914-2RS power supply (see page 32 for more details).
- Power transfer hinge or electric power transfer required.  
Solenoid rated for continuous-duty operation with PS914-2RS (required power supply).

### Functional options:

Electric latch retraction can be used in conjunction with FSA / FSE (Fail safe/Fail secure).

Security monitoring (DM, LM, RX, LK) features; EL feature is available on all 24/25 series standard device specifications.

### Common application options:

**Battery backup:** For applications that require power even when power is lost the battery backup option will assure power to your EL device. For proper functionality use the PS914 power supply with the -BB option. Use suffix “-BB” for factory installed; example PS914-BB (see page 32 for more details).

**Fire alarm:** This function coordinates the electric latch retraction of one or two devices with the fire alarm. For proper functionality use the PS914 power supply with the -FA option. Use suffix “-FA” for factory installed; example PS914-FA (see page 32 for more details).

**Auto operator:** This function coordinates the electric latch retraction of one or two devices, and signals an auto-operator to open a door. Signaling the auto operator can be performed in two methods: by receiving a signal from a monitoring switch that the lock is unlatched, or upon expiration of a time delay triggered by an “AE” type input switch. For proper functionality use the PS914 power supply with the -4RL option. Use suffix “-4RL” for factory installed; example PS914-4RL (see page 32 for more details).

**Time delay:** A four zone controller with time delay provides four inputs and four outputs with the time delay. Time delay is field selectable from 0 to 75 seconds, in intervals of 5 seconds. For proper functionality use the PS914 power supply with the -4RL option. Use suffix “-4RL” for factory installed; example PS914-4RL (see page 32 for more details).

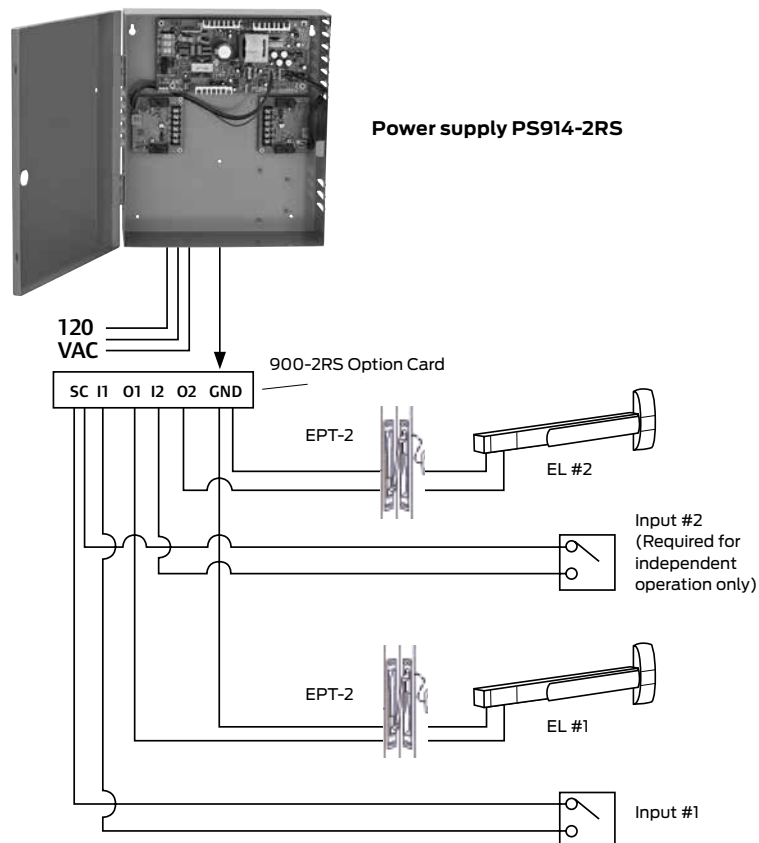
### How to order:

To order the EL feature add “EL” prefix to device designation. (example: EL-25-R-EO)

# Electric latch retraction

## Application and wiring / power transfer hinge

### Application and wiring - Electric latch retraction (EL)



Device	Door size	Door strike	Min stile (in)	Min door opening width
EL-25-R	3'	299	4"	2' 9 <sup>3</sup> / <sub>4</sub> "
		264	3 <sup>7</sup> / <sub>8</sub> "	2' 9 <sup>5</sup> / <sub>8</sub> "
		1439	3 <sup>1</sup> / <sub>4</sub> "	2' 9"
		1606	3 <sup>5</sup> / <sub>8</sub> "	2' 9 <sup>3</sup> / <sub>8</sub> "
EL-25-R	4'	299	4"	3' 3 <sup>3</sup> / <sub>4</sub> "
		264	3 <sup>7</sup> / <sub>8</sub> "	3' 3 <sup>5</sup> / <sub>8</sub> "
		1439	3 <sup>3</sup> / <sub>4</sub> "	3' 1 <sup>1</sup> / <sub>2</sub> "
		1606	3 <sup>5</sup> / <sub>8</sub> "	3' 3 <sup>3</sup> / <sub>8</sub> "
EL-24-R	3'	299	3 <sup>1</sup> / <sub>2</sub> "	2' 9 <sup>3</sup> / <sub>4</sub> "
		264	3 <sup>3</sup> / <sub>8</sub> "	2' 9 <sup>5</sup> / <sub>8</sub> "
		1439	2 <sup>1</sup> / <sub>4</sub> "	2' 9"
		1606	2 <sup>3</sup> / <sub>4</sub> "	2' 9 <sup>3</sup> / <sub>8</sub> "
EL-24-R	4'	299	3 <sup>1</sup> / <sub>2</sub> "	3' 3 <sup>3</sup> / <sub>4</sub> "
		264	3 <sup>3</sup> / <sub>8</sub> "	3' 3 <sup>5</sup> / <sub>8</sub> "
		1439	2 <sup>3</sup> / <sub>4</sub> "	3' 3 <sup>3</sup> / <sub>8</sub> "
		1606	2 <sup>3</sup> / <sub>4</sub> "	3' 3 <sup>3</sup> / <sub>8</sub> "
EL-25-V	3'	All	3 <sup>1</sup> / <sub>2</sub> "	2' 9 <sup>3</sup> / <sub>8</sub> "
EL-25-V	4'	All	3 <sup>1</sup> / <sub>2</sub> "	3' 3 <sup>3</sup> / <sub>8</sub> "
EL-24-V	3'	All	2 <sup>1</sup> / <sub>8</sub> "	2' 9 <sup>3</sup> / <sub>8</sub> "
EL-24-V	4'	All	2 <sup>1</sup> / <sub>8</sub> "	3' 3 <sup>3</sup> / <sub>8</sub> "
EL-25-C	3'	All	3 <sup>1</sup> / <sub>2</sub> "	2' 9 <sup>3</sup> / <sub>8</sub> "
EL-25-C	4'	All	3 <sup>1</sup> / <sub>2</sub> "	3' 3 <sup>3</sup> / <sub>8</sub> "
EL-24-C	3'	All	2 <sup>1</sup> / <sub>4</sub> "	2' 9 <sup>5</sup> / <sub>8</sub> "
EL-24-C	4'	All	2 <sup>1</sup> / <sub>4</sub> "	3' 3 <sup>5</sup> / <sub>8</sub> "
EL-25-M	3'	All	4 <sup>1</sup> / <sub>2</sub> "	2' 9 <sup>3</sup> / <sub>4</sub> "
EL-25-M	4'	All	4 <sup>1</sup> / <sub>2</sub> "	3' 4 <sup>1</sup> / <sub>4</sub> "

### Power transfer hinge - electric latch retraction (EL)

An EPT provides a wiring path from the door to the frame. To run power from your power supply to your Falcon 24 or 25 EL device, an EPT can be utilized. Door and frame must be factory prepped.

#### Options

EPT-2: Used for two 18AWG wires with a max rating of 24VDC, 5A or 120 VAC NEC class 3.

EPT can be used for:	EPT cannot be used for:
Door thickness - 1 <sup>3</sup> / <sub>4</sub> " minimum	1 <sup>1</sup> / <sub>2</sub> " offset pivots
Note: The following specifications only apply to a 1 <sup>3</sup> / <sub>4</sub> " thick door	Larger than 6" butt hinges
0-130 degree opening with up to 5 <sup>1</sup> / <sub>4</sub> " butt hinges	Pocket Pivots
0-130 degree opening with up to 5 <sup>1</sup> / <sub>4</sub> " butt hinges	Swing Clear Hinges
0-130 degree opening with up to 5 <sup>1</sup> / <sub>4</sub> " butt hinges	Center Hung Doors (center pivot)
0-130 degree opening with up to 5 <sup>1</sup> / <sub>4</sub> " butt hinges	Balanced Door

# Delayed egress system components

For all 24 and 25 Series

The delayed egress system provides control for limited egress and high security areas which require accident hazard or fire exit hardware.

## Delayed egress function

When the delayed egress system is armed, the mag lock(s) will remain secure against attempted override pressure and severe impacts. Ingress requires an operational trim, along with access control input (i.e. card reader, key switch, keypad). The system is required to be tied into local fire alarm system.



A complete delayed egress system requires the following components:

- DE5101 is used in delayed exit application and is ideal for controlled areas.
- Key switch operator
- Arm, disarm, reset and bypass the delayed egress system by the mortise cylinder on the dialogue box. (1- 1/4" mortise cylinder sold separately.)
- LED status indicator
- Red LED indicates arm. Disarm and alarm status.
- Alarm horn
- Depression of the Falcon 24 or 25 RX device touchpad initiates a local alarm of 100 dB when armed.

## Falcon 25 Series device with RX switch

### PS902 Power supply

- PS902 - The series PS902 power supply is the recommended power supply for use with the delayed egress system. The series PS902 power supply is designed for electric locking or monitoring on single or double door applications. The output power is field selectable for either 24 VDC@1 ampere or 12 VDC@2 ampere. Standard input 120 VAC@0.6 ampere and 240 VAC@3.0 ampere available. The terminal block will accept up to 14 gauge stranded wire (see page 32 for more information).

### PS914 Power supply

- PS914 - The series PS914 power supply can be safely used with the delayed egress system (see page 32 for more information).

**Power transfer hinge or electric power transfer** - See page 41 for more information.

**Magnetic locks** - Schlage electronics M420, M450 or M490 maintains UL listing.

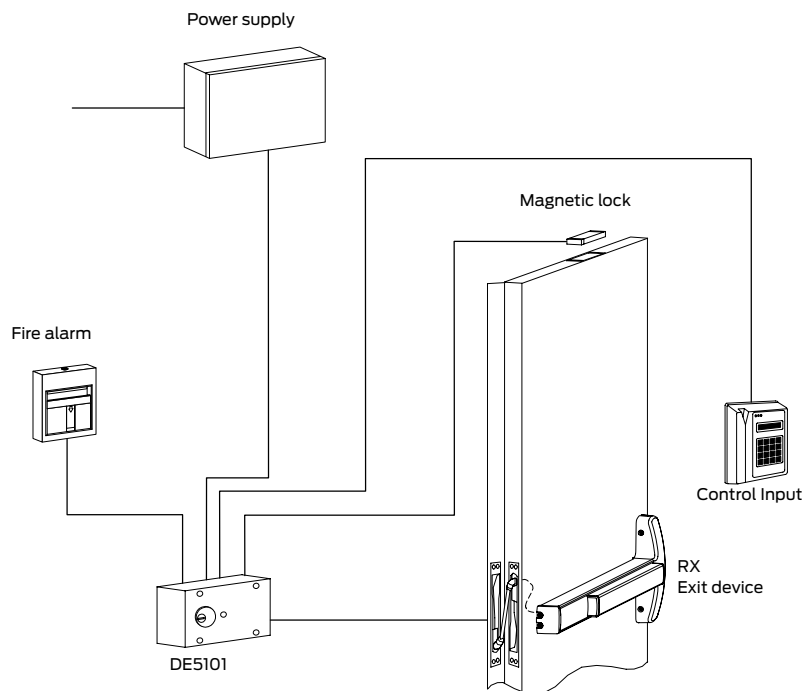
## How to order:

All components above are sold separately. To order, specify each component to complete a delayed egress system for your application.

# Application and wiring

## Popular delayed egress diagram

Device	Door size	Door strike	Min stile (in)	Min door opening width
25-R	3'	299	4"	2' 7 <sup>3</sup> / <sub>8</sub> "
		264	3 <sup>7</sup> / <sub>8</sub> "	2' 7 <sup>3</sup> / <sub>8</sub> "
		1439	3 <sup>1</sup> / <sub>4</sub> "	2' 6 <sup>3</sup> / <sub>4</sub> "
		1606	3 <sup>5</sup> / <sub>8</sub> "	2' 7 <sup>1</sup> / <sub>8</sub> "
25-R	4'	299	4"	3' 1 <sup>1</sup> / <sub>2</sub> "
		264	3 <sup>7</sup> / <sub>8</sub> "	3' 1 <sup>3</sup> / <sub>8</sub> "
		1439	3 <sup>3</sup> / <sub>4</sub> "	3' 1 <sup>1</sup> / <sub>4</sub> "
		1606	3 <sup>5</sup> / <sub>8</sub> "	3' 1 <sup>1</sup> / <sub>8</sub> "
24-R	3'	299	3 <sup>1</sup> / <sub>2</sub> "	2' 7 <sup>1</sup> / <sub>2</sub> "
		264	3 <sup>3</sup> / <sub>8</sub> "	2' 7 <sup>3</sup> / <sub>8</sub> "
		1439	2 <sup>1</sup> / <sub>4</sub> "	2' 6 <sup>3</sup> / <sub>4</sub> "
		1606	2 <sup>3</sup> / <sub>4</sub> "	2' 7 <sup>1</sup> / <sub>8</sub> "
24-R	4'	299	3 <sup>1</sup> / <sub>2</sub> "	3' 1 <sup>1</sup> / <sub>2</sub> "
		264	3 <sup>3</sup> / <sub>8</sub> "	3' 1 <sup>3</sup> / <sub>8</sub> "
		1439	2 <sup>3</sup> / <sub>4</sub> "	3' 1 <sup>1</sup> / <sub>8</sub> "
		1606	2 <sup>3</sup> / <sub>4</sub> "	3' 1 <sup>1</sup> / <sub>8</sub> "
25-C	3'	All	3 <sup>1</sup> / <sub>2</sub> "	2' 7 <sup>1</sup> / <sub>8</sub> "
25-C	4'	All	3 <sup>1</sup> / <sub>2</sub> "	3' 1 <sup>1</sup> / <sub>8</sub> "
25-C	3'	All	2 <sup>1</sup> / <sub>4</sub> "	2' 7 <sup>3</sup> / <sub>8</sub> "
25-C	4'	All	2 <sup>1</sup> / <sub>4</sub> "	3' 1 <sup>3</sup> / <sub>8</sub> "
25-M	3'	All	4 <sup>1</sup> / <sub>2</sub> "	2' 7 <sup>1</sup> / <sub>2</sub> "
25-M	4'	All	4 <sup>1</sup> / <sub>2</sub> "	3' 2"



# Electric lock/ unlock trim

## Electric lock/ unlock trim (FSA/FSE) for 25 Series

The electric lock/unlock (FSA/FSE) feature allows the controlling of trim while still maintaining free egress at all times. The lock/unlock command can be controlled by a security system, fire alarm system, key switch, card reader, push button or touchpad.

**FSA** (Fail safe—unlocks when power is interrupted) can be used in areas requiring doors to be unlocked due to fire, power failure or emergency situations. (Examples: stairwells, hospitals, fire exits, etc.)

**FSE** (Fail secure—locks when power is interrupted) can be used in areas requiring doors to be locked for security reasons and only unlocked when energized by authorized personnel. (examples: banks, inner-office, etc.) With either feature, authorized personnel can gain access utilizing key by overriding or bypassing electric locking function.



### Specifications

- Solenoid rated for continuous duty at 24V DC 0.4 amps.
- UL listed devices.
- Device channel is used as conduit on 25 Series devices.
- Power transfer (EPT-2) hinge 2-wire minimum rated 1/2 Amp.
- See page 35 for more information

### How to order

To order FSA/FSE feature, add FSA or FSE prefix to device designation. (Example: FSA 25-R-L)

### Note:

1. FSA/FSE can be used on all devices.
2. The FSA/FSE feature can be used in conjunction with EL (Electric latch retraction), EA (exit alarm) and security monitoring (DM, LM, RX).

### Minimum power supply- PS902

- The series 902 power supply is the recommended power supply for use with an FSA or FSE trim. The series 902 power supply is also designed for electric locking or monitoring of single or double door applications.
- See page 32 for more information

Wire chart	
Length of wire run (ft.)	24VDC 0.4 AMPS
0-500	18AWG
501-700	16AWG

# Exit alarm

Exit alarm (EA) - for all 24 and 25 Series devices

The Exit alarm (EA) feature provides a battery powered exit alarm to allow for a simple and effective means of monitoring the use of exits while still maintaining means of egress (for code requirements). When the touchbar is depressed the alarm will sound continuously, indicating that the exit has been engaged. The exit alarm can only be reset by way of a standard 1 1/4" mortise cylinder with standard "A" cam (5/16" wide x 3/4" long). The design of the unit will allow the single 9V battery to last for at least six months (on standby mode).



## Minimum door width required for standard devices

Device	Door size	Door strike	Min stile (in)	Min door opening width
EA-25-R	3'	299	4"	2' 9 1/4"
		264	3 7/8"	2' 9 1/8"
		1439	3 1/4"	2' 8 3/8"
		1606	3 5/8"	2' 8 7/8"
EA-25-R	4'	299	4"	3' 3 1/4"
		264	3 7/8"	3' 3 1/8"
		1439	3 1/4"	3' 3"
		1606	3 5/8"	3' 2 7/8"
EA-24-R	3'	299	3 1/2"	2' 9 1/4"
		264	3 3/8"	2' 9 1/8"
		1439	2 1/4"	2' 8 3/8"
		1606	2 3/4"	2' 8 7/8"
EA-24-R	4'	299	3 1/2"	3' 3 1/4"
		264	3 3/8"	3' 3 1/8"
		1439	2 3/4"	3' 3 7/8"
		1606	2 3/4"	3' 3 7/8"
EA-25-V	3'	All	3 1/2"	2' 8 7/8"
EA-25-V	4'	All	3 1/2"	3' 2 7/8"
EA-24-V	3'	All	2 1/8"	2' 8 7/8"
EA-24-V	4'	All	2 1/8"	3' 2 7/8"
EA-25-C	3'	All	3 1/2"	2' 8 7/8"
EA-25-C	4'	All	3 1/2"	3' 2 7/8"
EA-24-C	3'	All	2 1/4"	2' 9 1/8"
EA-24-C	4'	All	2 1/4"	3' 3 1/8"
EA-25-M	3'	All	4 1/2"	2' 9 1/4"
EA-25-M	4'	All	4 1/2"	3' 3 1/4"

## Specifications

- Works with rim, mortise, concealed, surface vertical rod
- UL listed
- The EA feature can be used in conjunction with FSA/FSE (Fail safe/Fail secure) and security monitoring (DM, LM, RX) features.

## Features and benefits

- 110 dB alarm
- 24 Volt hardwire option
- 9V Battery input
- External inhibit for card reader
- LED indication
  - Armed
  - Disarmed
  - Low battery
  - EAK retrofit kit available for your existing devices

## How to order

To order EA feature add "EA" prefix to device designation. (example: EA-25-R-EO)

To order EAK (exit alarm kit) feature order "EAK" plus device length (3' or 4'), type of device (24 or 25 Series) and the finish of your existing device. (example: EAK-4', 24 Series, US10)  
(For retrofit application)

## Minimum power supply - PS902

The series PS902 power supply is the recommended power supply for use with the exit alarm (EA) option. The series PS902 power supply is designed for electric locking or monitoring on single or double door applications (see page 32 for more information).

# Device monitoring

Device monitoring for most 24 and all 25 Series devices\*

All of the monitoring features available from Falcon provide total flexibility and will interface with any security system. All monitoring switches are dry contact type and are contained within the device, allowing for tamper-resistant operation. Security monitoring features allow monitoring of devices, latches, authorized egress and locking levers. A key override option is available. All of the security monitoring features can be used in any combination with any other Falcon feature. Consult factory for special applications.

## **\*DM, \*LM, RX Monitoring**

- The DM (device monitor) feature monitors full latch projection. If the latchbolt is retracted by use of device, or someone tampers with the latchbolt, the switch is activated sending a signal to controlling areas. In devices with the deadlock feature, the deadlatch status is monitored.
- The LM (Latch monitor) feature monitors full latchbolt retraction. When the latchbolt is fully retracted a signal is sent indicating door (or device) opened status.
- The RX feature monitors the depression of the touch bar or crossbar. Activation of the switch indicates use of a door or that the door is in the dogged condition. This feature is especially useful when used to activate or shunt magnetic locking systems.
- \*LM/DM not available on F-24-R.

## **How to order**

To order any individual or combination of monitor feature(s) add the respective prefix(s) to device designation. (example: EL-RX-DM-25-V-L-DANE)

## **Key override option (KOR)**

The KOR feature allows authorized personnel to override monitoring features on a door by use of a keyed 1 1/8" mortise cylinder with 5/16" wide x 3/4" long standard cam (mortise cylinder not supplied).

Activating KOR feature allows any feature to be disabled for daytime use or when desired by key holder. This is a maintained contact switch. KOR is especially useful for turning on or off magnetic locking systems and electric dogging control (at the door).

This feature is not available with EA feature, cylinder/standard dogging.

To order KOR feature add KOR prefix to device designation. (example: KOR-DM-24-R-TP)

Note: Use of these features may require a power transfer hinge (supplied by others) or additional wires in the power transfer hinge needed for application when combined with other electrified features.



# Power supply



The PS900 Series is a consolidated line of power supplies and accessories that offer enhanced flexibility and functionality specific to the changing needs of the access control market. The PS900 Series can be used in a variety of applications to convert high voltage AC power into the low voltage DC outputs required by most access control devices. The PS900 Series protects devices downstream by providing Class 2\*, filtered and regulated power. The full line is UL294 certified.

Note: PS906 can provide Class 2 rated outputs when used with 900-8P distribution board.

## Features:

- Constant output rating at both 12 VDC and 24 VDC provides superior performance; includes field selectable jumper
- Polarized connectors for option boards eliminate need for racks and side connectors
- Flat mounting of option boards provides easier access to terminal blocks for connection of electrified devices
- High voltage protective cover
- Battery back-up board auto-selects voltage
- Fire alarm relay can be configured to provide either switched or un-switched outputs from a power supply
- PS914 designed with high inrush current for powering electrified panic devices
- Universal 120-240 VAC input
- Low voltage DC, regulated and filtered
- Electronic power limiting foldback circuit for AC current overload protection
- Fused primary input
- AC status monitor- isolated SPDT contacts
- AC input and DC output LED status indicators
- Cover mounted AC input indication
- Hinged cover with lock down screws

## Certifications:

- UL 294 certified—the standard for access control
- Class 2 rated\*  
\* Except PS906, output rating exceeds Class 2 power limits

Once power is converted to low voltage DC, the PS900

Series offers a variety of distribution options, including basic fuse protection, simple relay, and advanced logic providing complex sequencing and timing functions.

\* PS906 can provide Class 2 rated outputs when used with 900-8P distribution board.

	PS902	PS904	PS906	PS914
<b>Number of connectors on power supply for the following:</b>	<b>2 amps</b>	<b>4 amps</b>	<b>6 amps</b>	<b>4 amps</b>
Distribution boards	1	2	3	2
Battery back-up board	1	1	1	1

Note: One fire alarm board can be connected directly to the PS902. If a fire alarm board is desired for the PS904, PS906 or PS914 it can be connected to a distribution board.

## Applications:

The PS900 Series of power supplies works with many electrified devices including Falcon exit devices, electromagnetic locks, hardwired locks, electrified mechanical locks, electrified strikes and many other products.

## Accessories:

The PS900 Series features seven option boards for use in a variety of applications. All PS900 Series power supplies option boards are UL 294 certified.

### Option boards:

**900-4R:** 4 relay controlled output board to power multiple devices.

**900-4RL:** 4 relay distribution board with logic is field configurable for time delay function, auto operator, security interlock.

**900-8F:** Provides 8 individually fuse-protected outputs, giving the flexibility to power multiple devices and provide another layer of protection.

**900-FA:** Emergency interface relay integrates with fire alarm and is used to cut power in case of emergency.

**900-BB:** Battery backup.

**900-2RS:** 2 relay EL panic device control board (PS914 only).

**900-BBK:** Battery backup kit includes two 7A/hr batteries and provides up to four hours of backup power when cycled every 5 minutes at full load.

### Wire selection size/type

Run length	EL device w/EPT or door loop
0-100 ft	14 gauge standard wire
101-200 ft	12 gauge standard wire
Run length	EL device w/electric hinge/pivot
0-75 ft	14 gauge standard wire
76-150 ft	12 gauge standard wire
Wire selection	Switch wire size
1200 ft max.	16 gauge

# Electrical options summary

## Electrical options matrix - 25 Series

Option	Electric dogging	Electric latch retraction (EL)	Delayed egress	Electric lock /unlock trim (FSA/FSE)	Device monitor (DM)	Latch monitor (LM)	Authorized egress (RX)	Key override (KOR)	Exit alarm /hard wire (EA/ HWEA)
Electric latch retraction (EL)	X	—	V	V	V	V	V	X	X
Delayed egress	V	V	—	V	V	V	V	V	V
Electric lock/unlock trim (FSA/FSE)	V	V	V	—	V	V	V	V	V
Device monitor (DM)	V	V	V	V	—	V	V	V	V
Latch monitor (LM)	V	V	V	V	V	—	V	V	V
Request to exit (RX)	V	V	V	V	V	V	—	V	V
Key override (KOR)	X	X	V	V	V	V	V	—	X
Exit a larm (EA)	X	X	V	V	V	V	V	X	—

## Electrical options matrix - 24 Series

Option	Electric dogging	Electric latch retraction (EL)	Delayed egress	Device monitor (DM)	Latch monitor (LM)	Authorized egress (RX)	Key override (KOR)	Exit alarm /hard wire (EA/ HWEA)
Electric latch retraction (EL)	X	—	V	V	V	V	X	X
Delayed egress	V	V	—	V	V	V	V	V
Device monitor (DM)	V	V	V	—	V	V	V	V
Latch monitor (LM)	V	V	V	V	—	V	V	V
Request to exit (RX)	V	V	V	V	V	—	V	V
Key override (KOR)	X	X	V	V	V	V	—	X
Exit alarm (EA)	X	X	V	V	V	V	X	—

\*Not available on F-24-R

**V** = works with

**X** = doesn't work

# How to order

## 25 Series

		EL	F	25	V	L-DANE	US3	3'	LHR	LBR	SNB	WD
<b>Prefixes</b>												
<b>CD</b>	Cylinder dogging											
<b>RX</b>	Touchbar request to exit											
<b>DM</b>	Latchbolt and device monitor switch											
<b>EA</b>	Exit alarm											
<b>KOR</b>	Key bypass switch											
<b>LD</b>	Less dogging											
<b>LM</b>	Latchbolt status switch											
<b>EL</b>	Electric latch retraction											
<b>FSA</b>	Electric lock or unlock trim-fail safe											
<b>FSE</b>	Electric lock or unlock trim-fail secure											
<b>Rating</b>												
<b>F</b>	Fire exit hardware											
<b>Blank</b>	Panic exit hardware											
<b>Device series</b>												
<b>25</b>	Touch bar device, wide stile											
<b>Device type</b>												
<b>R</b>	Rim											
<b>V</b>	Surface vertical rod											
<b>C</b>	Concealed vertical rod											
		<b>C-WDC</b>	Concealed vertical rod wood door (20 or 90 min)									
		<b>M</b>	Mortise									
<b>Trim function (see trim pages for all functions)</b>												
<b>EO</b>	Exit only											
<b>DT</b>	Dummy trim											
<b>NL</b>	Night latch											
<b>NL-OP</b>	Night latch optional pull											
<b>TP</b>	Thumbpiece											
		<b>K</b>	Knob									
		<b>L</b>	Lever (Dane standard)									
		<b>C</b>	Cylinder prim plate									
		<b>511-L</b>	VR trim									
<b>Finish</b>												
<b>US3</b>	<b>US10</b>	<b>US11</b>	<b>US15</b>	<b>US19</b>	<b>US26</b>							
<b>US32</b>	<b>US28</b>	<b>US4</b>	<b>US26D</b>	<b>US32D</b>	<b>313AN</b>							
<b>Door width</b>												
<b>3'</b>	Standard default											
<b>4'</b>												
<b>Door thickness</b>												
		<b>1 3/4"</b>	Standard									
		<b>2 1/4"</b>	Optional									
<b>Handing</b>												
<b>RHR</b>	Right hand reverse											
<b>LHR</b>	Left hand reverse											
<b>Less bottom rod</b>												
<b>LBR</b>	Less bottom rod											
<b>Accessories</b>												
<b>CYL</b>	Cylinder											
<b>SK</b>	Shim kit											
		<b>SNB</b>	Sex bolts									
		<b>AMS</b>	All machine screws (for vertical and concealed only)									
<b>Other miscellaneous door information</b>												
<b>HMD</b>	Hollow metal door	—	Door thickness									
<b>HMF</b>	Hollow metal frame	—	Door undercut									
<b>WD</b>	Wood door	—	Door label									
<b>WDF</b>	Wood frame	—	Stile width									
<b>ALD</b>	Aluminum door	—	Frame stop height									
<b>ALF</b>	Aluminum frame	<b>SGL</b>	Single door									
<b>SCDC</b>	Steel channel door construction	<b>PR</b>	Pair of doors swinging same direction									
—	Specify other door or frame											
—	Material information											
—	Door height											

# How to order

## 24 Series

		EL	F	24	V	L-DANE	US3	3'	LHR	LBR	SNB	WD
<b>Prefixes</b>												
<b>CD</b>	Cylinder dogging											
<b>RX</b>	Touchbar request to exit											
<b>DL</b>	Deadlocking											
<b>DM</b>	Latchbolt and device monitor switch											
<b>EA</b>	Exit alarm											
<b>KOR</b>	Key bypass switch											
<b>LD</b>	Less dogging											
<b>LM</b>	Latchbolt status switch											
<b>EL</b>	Electric latch retraction											
<b>Rating</b>												
<b>F</b>	Fire exit hardware											
<b>Blank</b>	Panic exit hardware											
<b>Device series</b>												
<b>24</b>	Touch bar device, narrow stile											
<b>Device type</b>												
<b>R</b>	Rim											
<b>V</b>	Surface vertical rod											
					<b>C</b>	Concealed vertical rod						
					<b>C-WDC</b>	Concealed vertical rod wood door (20 or 90 min)						
<b>Trim function (see trim pages for all functions)</b>												
<b>EO</b>	Exit only											
<b>DT</b>	Dummy trim											
<b>NL</b>	Night latch											
<b>C</b>	Cylinder trim less pull											
<b>Finish</b>												
<b>US3</b>	<b>US10</b>	<b>US26</b>	<b>US32</b>	<b>313AN</b>								
<b>US4</b>	<b>US26D</b>	<b>US32D</b>	<b>US28</b>									
<b>Door width</b>												
<b>3'</b>	Standard default											
<b>4'</b>												
<b>Door thickness</b>												
<b>Handing</b>												
<b>RHR</b>	Right hand reverse											
<b>LHR</b>	Left hand reverse											
<b>Less bottom rod</b>												
<b>LBR</b>	Less bottom rod											
<b>Accessories</b>												
<b>CYL</b>	Cylinder											
<b>SK</b>	Shim kit											
					<b>SNB</b>	Sex bolts						
					<b>AMS</b>	All machine screws (for vertical and concealed only)						
<b>Other miscellaneous door information</b>												
<b>HMD</b>	Hollow metal door				—	Door thickness						
<b>HMF</b>	Hollow metal frame				—	Door undercut						
<b>WD</b>	Wood door				—	Door label						
<b>WDF</b>	Wood frame				—	Stile width						
<b>ALD</b>	Aluminum door				—	Frame stop height						
<b>ALF</b>	Aluminum frame				<b>SGL</b>	Single door						
<b>SCDC</b>	Steel channel door construction				<b>PR</b>	Pair of doors swinging same Direction						
—	Specify other door or frame material information											
—	Door height											

\*Not available for F-24-R

# How to order

## Trim

		510	L	R	US26D	LHR	SUTRO	FSE	CYL
<b>24 Series</b>	<b>25 Series</b>								
711	510								
712	511								
715	512								
717	513								
718	717								
	718								
<b>Trim function (see trim pages for all functions)</b>									
<b>EO</b>	Exit only								
<b>DT</b>	Dummy trim								
<b>NL</b>	Night latch								
<b>C</b>	Cylinder trim less pull								
<b>TP</b>	Thumbpiece								
<b>Device type</b>									
<b>R</b>	Rim								
<b>V</b>	Surface vertical rod								
<b>C</b>	Concealed vertical rod (includes WDC)								
<b>M</b>	Mortise								
<b>Finish</b>									
<b>US3</b>	<b>US4</b>	<b>US10</b>	<b>US10B</b>	<b>US11</b>	<b>US15</b>	<b>US19</b>			
<b>US26</b>	<b>US26D</b>	<b>US32</b>	<b>US32D</b>	<b>SP28</b>	<b>SP313</b>				
<b>Handing</b>									
<b>RHR</b>	Right hand reverse								
<b>LHR</b>	Left hand reverse								
<b>Lever style</b>									
Dane (DAN)									
Sutro (SUT)									
Quantum (QUA)									
Avalon (AVA)									
Boardwalk (BRK)									
Broadway (BRW)									
Danish (DSH)									
Latitude (LAT)									
Longitude (LON)									
<b>Other miscellaneous door information</b>									
<b>FSA</b>	Electric Lock or Unlock-Fail Safe (FSA device required)								
<b>FSE</b>	Electric Lock or Unlock-Fail Secure (FSE device required)								
<b>CON</b>	Allegion Connect								
<b>Accessories</b>									
<b>CYL</b>	Cylinder								
<b>KD</b>	Cylinder keyed different								
<b>Door thickness</b>									
Specify door thickness other than 1 3/4"									

## About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries.

For more, visit [www.allegion.com](http://www.allegion.com)

*aptiQ* ■ LCN ■ **SCHLAGE** ■ STEELCRAFT ■ VON DUPRIN



**FALCON®**

Medium  
duty

Commercial pushpads





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# The Falcon difference

## Safety, security and uncompromising value

At Falcon, we know that every product you sell not only has to meet local building codes, but also your expectations for performance and quality. We take your expectations seriously, and that's why we build our exits to deliver durability, convenience and unmatched value. After all, we've built our reputation on the same standards that you have – providing quality products at a reasonable price delivered on time. It's the way we do business and it's what makes Falcon exits a powerful choice no matter what your project.





# 1490 Concealed vertical rod touchbar device

The 1490 offers a clean appearance with pushpad styling and a variety of practical features. The 1490 is built with rugged steel operating mechanisms, and durable aluminum push bars and end caps.



Length	Minimum door size (non-EL)	Minimum door size (EL)
36"	25 3/4"	34 3/4"
42"	25 3/4"	34 3/4"
48"	36 3/4"	43 3/4"

Consult factory for special sizes.



## Specifications

Hand:	Specify RHR or LHR-supplied RHR if not specified.
Functions:	See trim selection chart on this page.
Finishes:	US28, DC13, DC 35, US3, US9, US10, US4, US10B, US14, US15.
Strikes:	PB48 top.
Latches:	RL - Rod bottom latch (standard), Hex bottom latch (standard for EL), PL - Pullman bottom latch (optional), ES - electric strike top latch (optional). Device needs to be less bottom rod (LBR).
Dogging feature:	Quarter turn hex dogging standard. No threaded parts to wear out.
Cylinder:	Rim, night latch (NL) or hold back (HB) feature available. Simplified cartridge mounting for most standard rim cylinders. Furnished in DC35 if not specified.
Sizes:	36", 42", 48".
Doors:	1 3/4" thick metal doors-specify if other than 1 3/4".*
Projections:	2 3/4" maximum, 2" when dogged. Pushbar height is 3".
Stile:	1 3/4" minimum.
Electric functions:	EL - electric latch retraction, include "S". Requires PS914-2RS minimum power supply. S- latch bolt monitor switch (SPDT). Conversion kits available. Devices are handed.
Fasteners:	All mounting screws are concealed. Uses all machine screws for device and latch.
End caps:	Durable zinc die cast, powder coated.
Vertical rods:	1' standard, extension rods available up to 7' 10".
ANSI:	Certified ANSI A156.3 2001 Grade 1 standards.
Shim kits:	1/2" riser is available.
Hurricane:	1490 devices are used for hurricane rated door openings. Consult door manufacturer's listing.

Model	Trim package	Type	Function
1490	No outside trim	6	01
1491	Pull only (9970)	6	02
1492	NL cylinder	6	03
1493	HB cylinder	6	04
1494	Pull (9970) w/ NL cylinder	6	02/03
1495	Pull (9970) w/ HB cylinder	6	02/04
1498	Dummy	6	

\* 9970 is for use on HM and Alum doors only. Not for use on wood doors.

# 1590 Rim touchbar device

The 1590 offers the clean looks and easy pushpad design of the 1490 with the installation and maintenance ease of a rim exit device.



Length	Minimum door size (non-EL)	Minimum door size (EL)
36"	25"	35"
42"	25"	35"
48"	36"	43"

Consult factory for special sizes.

Model	Trim package	Type	Function
1590	No outside trim	6	01
1591	Pull only (9970)	6	02
1592	NL cylinder	6	03
1593	HB cylinder	6	04
1594	Pull (9970) w/ NL cylinder	6	02/03
1595	Pull (9970) w/ HB cylinder	6	02/04

## Specifications

Hand:	Non handed, "push" labels for each hand supplied standard.
Functions:	See trim selection chart on this page.
Finishes:	US28, DC13, DC35, US3, US9, US10, US4, US10B, US14, US15.
Strikes:	TD35 strike supplied standard. STK45 optional.
Latchbolt:	1 1/4" high x 3/4" projection, hardened steel.
Dogging feature:	Quarter turn hex key dogging.
Cylinder:	Night latch (NL) or hold back (HB) feature available, simplified cartridge mounting for most standard rim cylinders, furnished in DC35 if not specified.
Sizes:	36", 42", 48".
Doors:	1 3/4" thick metal or wood, specify if other than 1 3/4".*
Projections:	2 3/4" maximum, 2" when dogged. Pushbar height is 3".
Stile:	2" minimum.
Electric functions:	EL - electric latch retraction, include "S". Requires PS914-2RS minimum power supply. S - latch bolt monitor switch (SPDT). Conversion kits available. Devices are handed.
Fasteners:	All mounting screws are concealed.
Endcaps:	Durable zinc die cast, powder coated.
ANSI:	Certified ANSI A156.3-2001 Grade 1 standards.
Shim kits:	1/2" riser is available.
Retractors:	Used for cylinder assembly, special retractors available for use with mullions.
Mullions:	Removable mullions are available for pairs of doors, see page 19.

\* 9970 is for use on HM and Alum doors only. Not for use on wood doors.

# 1690 Concealed vertical rod touchbar device

The design of the 1690 is ideal for demanding, moderate-traffic applications. The vertical rods and latch mechanisms are concealed in the vertical door stile, ensuring trouble-free operation. Cast metal cover plates and end caps hold up to rigorous use. A quick, single-point dogging feature in the housing deactivates the device, permitting unrestricted traffic flow. The 1690 may also be used to retrofit a 1990 Series crossbar device.

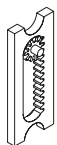


Length	Minimum door size (non-EL)	Minimum door size (EL)
30"	24"	28 1/2"
36"	30"	34 1/2"
42"	36"	40 1/2"
48"	42"	46 1/2"

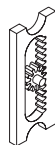


## Positioning retractor as shown for NL or HB functions.

Install retractor as shown below for both RHR and LHR doors; this makes all keys function in the same direction.



Hold back (HB)



Night latch (NL)

## Specifications

Hand:	Field reversible, non-handed.
Functions:	See trim selection chart on this page.
Finishes:	US28, DC13, DC 35, US3, US10, US26, US26D. Centercase and end cap are powder-coated black only.
Strikes:	PB48 top.
Latches:	Standard top - SU latch. Standard bottom - hex bottom bolt. Optional top - ES - electric strike top latch, device must be less bottom rod (LBR). Optional bottom - RL - rod bottom latch. - PL - pullman bottom latch.
Dogging feature:	Hex key dogging standard, except EL where must use hold back feature on outside cylinder.
Cylinder:	Rim, night latch (NL) or hold back (HB) feature available. Field selectable.
Sizes:	30", 36", 42", and 48".
Doors:	1 3/4" thick metal doors, specify if other.*
Projections:	3 3/8" in neutral position, 2 3/8" in dogged position. Pushbar height is 2 1/2".
Stile:	1 3/4" minimum.
Electric functions:	EL - electric latch retraction, ED - electric dogging (both EL and ED require PS914-2RS minimum power supply). RX - request to exit switch, monitors pushpad SPTD switch.
Fasteners:	All machine screw mounting. Device mounting fasteners are concealed, latch fasteners are exposed to egress side.
End caps:	Black powder-coated metal end caps.
Vertical rods:	7' standard, extension rods available up to 10'. Rod extension kits available.
ANSI:	Certified ANSI A156.3 grade 1 standards.
Hurricane:	1690 devices are used for hurricane rated door openings. Consult door manufacturer's listing.

Model	Trim package	Type	Function
1690	No outside trim	6	01
1691	Pull only (9970)	6	02
1692	Cylinder only	6	03/04
1694	Pull and cylinder	6	02/03/04

\* 9970 is for use on HM and Alum doors only. Not for use on wood doors.

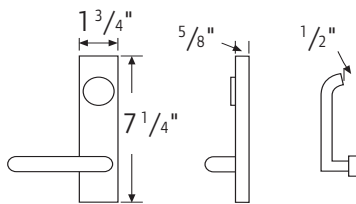
# 1790 Rim touchbar device

The 1790 rim device is typically used in applications where maintenance is a concern because the rim device has fewer parts and pieces than current exit devices. The result is less maintenance and adjustment. The streamlined design has no openings for chains, reducing the risk for code infringements and offering increased building security by eliminating the possibility of tampering and forced entry through the use of coat hangers and other tools. The 1790 may also be used to retrofit a 2090 series crossbar device.



Length	Minimum door size (non-EL)	Minimum door size (EL)
30"	24"	28 1/2"
36"	30"	34 1/2"
42"	36"	40 1/2"
48"	42"	46 1/2"

- Lock/unlock capability
- ADA accessible
- Lever designs
  - Dane
  - Sutro
  - Quantum



Lever projection: Quantum = 3"  
 Sutro = 2 7/8"  
 Dane = 2 7/8"

Key locks or unlocks trim. Lever retracts latchbolt when trim is unlocked. Dane, Quantum and Sutro levers return to within 1/2" of door.

## Specifications

Hand:	Non handed.
Functions:	See trim selection chart on this page.
Finishes:	US28, DC13, DC35, US3, US10, US26, US26D. Centercase and end cap are powder-coated black only.
Strikes:	TD35 strike supplied standard, see page 11 for other rim strikes available.
Latchbolt:	1" thickness, 3/4" throw.
Dogging feature:	Hex key dogging standard, except EL where must use hold back feature on outside cylinder.
Cylinder:	Rim, night latch (NL) or hold back (HB) available (field selectable).
Sizes:	30", 36", 42", and 48".
Doors:	1 3/4" thick metal or wood, specify if wood door.**
Projections:	3 3/8" in neutral position, 2 3/8" in dogged position. Pushbar height is 2 1/2".
Stile:	1 3/4" minimum.
Electric functions:	EL - electric latch retraction, ED - electric dogging (both EL and ED require PS914-2RS minimum power supply). RX - request to exit switch, monitors pushpad SPTD switch.
Fasteners:	All machine screw mounting. Device mounting fasteners are concealed, latch fasteners are exposed to egress side.
End caps:	Black powder-coated metal end caps.
ANSI:	Carry UL label and approved for life safety. Certified ANSI A156.3 grade 1 standards.
Mullions:	Removable mullions are available for pairs of doors, see page 19.

Model	Trim package	Type	Function
1790	No outside trim	4	01
1791	Pull only (9970)	4	02
1792	Cylinder only	4	03/04* or 08/09*
1794	Pull (9970) and cylinder	4	02/03/04

\* Requires use of 179L

\*\* 9970 is for use on HM and Alum doors only. Not for use on wood doors.

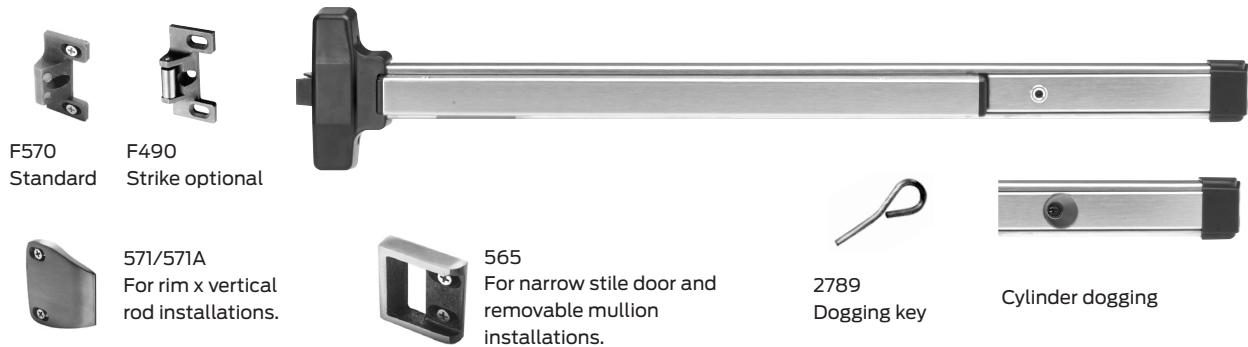
# 19-R Series non-handed rim device

## Panic exit hardware

The Falcon 19-R Series rim device that delivers superior panic hardware with modern touchbar styling.

This non-handed device covers a 161 cutout and may be used on 1 3/4" narrow stile aluminum doors.

The "EO" (exit only) device is ready to accept any trim function shown on page 12.



Device & trim	ANSI type	ANSI function
19-R-EO	1 or 4	01
19-R-DT	1 or 4	02
19-R-NL	1 or 4	03
19-R-K (or L or KIL)	1 or 4	08
19-R-K-NL (or L-NL or kil-nl)	1 or 4	09
19-R-TP-BE	1 or 4	
19-R-K-BE	1 or 4	
19-R-K-DT	1 or 4	
19-R-L-BE	1 or 4	
19-R-L-DT	1 or 4	
19-R-KIL-BE	1 or 4	
19-R-KIL-DT	1 or 4	

Note: For blank escutcheon specify BE.

## Specifications

Hand:	Non-handed.
Functions:	See trim selection chart on this page.
Finishes:	SP28, SP313, US32D. Centercase and end cap are powder-coated black only.
Strikes:	Standard - F570. Optional - F490, 565, 571, 571A.
Latch:	Stainless steel, 3/4" throw dead locking.
Dogging feature:	Hex key dogging standard. Cylinder dogging or less dogging optional.
Sizes:	3' for doors from 2'5" up to 3'. 4' for doors from 3' up to 4'.
Doors:	1 3/4" thick metal or wood doors, specify if other.
Projections:	2 1/2" in neutral position, 1 7/8" in dogged position. Pushbar height is 1 3/4".
Stile:	1 3/4" minimum.
Fasteners:	All machine screw mounting. Device mounting fasteners are concealed, latch fasteners are exposed to egress side.
End caps:	Black plastic end caps.
ANSI:	Certified ANSI A156.3 grade 1 standards.

# F-19-R Series non-handed rim device

## Fire exit hardware

The F-19 Rim fire exit device is an excellent addition to the touchbar. This device is non-handed and is listed by UL for B label fire door installations on 4'0" x 7'2" single doors and/or 8'0" x 7'2" double doors with an F-4023 removable mullion or KRF-4023. The "EO" (exit only) device is ready to accept any trim function shown on page 12.



Device & trim	ANSI type	ANSI function
F-19-R-EO	1 or 4	01
F-19-R-NL	1 or 4	03
F-19-R-K (or L or KIL)	1 or 4	08
F-19-R-K-NL (or L-NL or KIL-NL)	1 or 4	09

Note: For blank escutcheon specify BE

### Specifications

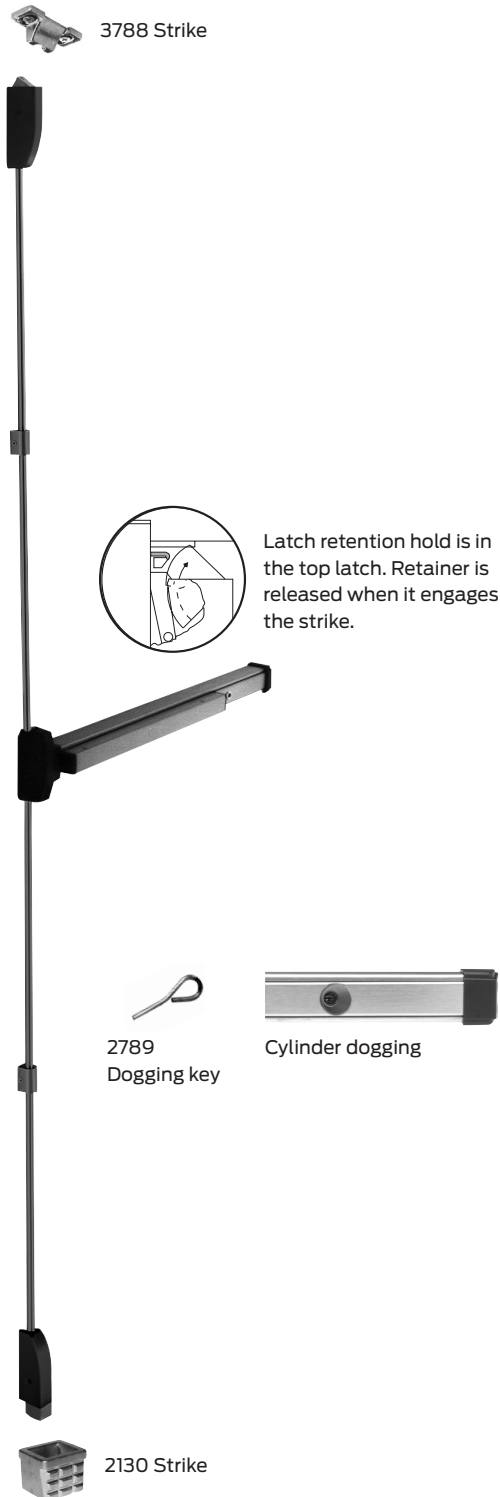
UL:	"B" label (1 1/2" hr.); 4'0" x 7'2".
Functions:	All functions built into "EO" device. All 19 series trim works with rim or vertical devices. See trim selection chart on pages 15 and 16.
Finishes:	Power-coated aluminum-SP28; power-coated duranodic-SP313; stainless steel US-32D.
Strikes:	Stainless steel, F570 or F490.
Latchbolt:	Stainless steel, 3/4" throw.
Deadlocking latchbolt:	Standard.
Sizes:	3' for doors from 2'5" up to 3'. 4' for doors from 3' up to 4'.
Doors:	1 3/4" thick wood or metal. Specify thickness if other than 1 3/4". (SNB must be specific on wood or composite doors.)
Projections:	2 1/2" in neutral position, 1 7/8" in depressed position. Pushbar height is 1 3/4".
Sex bolts:	When used with wood, composite or non-reinforced hollow metal, sex bolts must be specific, 3-#4122 (1/4"-20) SNB standard. An additional 2-#2729 (10-24) SNB must be specified.
ANSI:	Certified ANSI A156.3-2001 grade 1 standards.
Shim kit:	For glass lite applications; 1/4" thick specify SK 19-R-1/4".
161 Cutout:	Device covers 161 cutout with KIL and Centron trims. Other trim requires cover plate.



# 19-V Series non-handed vertical rod device

## Panic exit hardware

Manufactured to the same standards as the 19 Rim, the 19-V exit device complies with most exit door requirements, and is fully reversible and surface applied. This device is regularly furnished with deadlocking top latch with latch retention and square bolt at bottom. The "EO" (exit only) device is ready to accept any trim function shown on page 12.



Device & trim	ANSI type	ANSI function
19-V-EO	2 or 5	01
19-V-DT	2 or 5	02
19-V-NL	2 or 5	03
19-V-K (or L)	2 or 5	08
19-V-K-NL (or KIL)	2 or 5	09

Note: For blank escutcheon specify BE.

### Specifications

Hand:	Field reversible.
Functions:	All functions built into "EO" device. All 19 Series trim works with rim or vertical devices. See Trim Selection Chart on pages 15 and 16.
Finishes:	Powder-coated aluminum-SP28; powder-coated duranodic-SP313; stainless steel US-32D.
Strikes:	3788 strike is surface applied standard, 2130 strike is mortised into floor.
Angle bracket:	Use 4215 angle bracket in flush transom or rabbeted installations. Allows use of standard 3788 strike.
Latchbolt:	Top stainless steel $\frac{3}{4}$ " throw. Bottom square bolt $\frac{1}{2}$ " throw.
Deadlocking latchbolt:	Standard.
Dogging feature:	Half turn hex dogging standard. No threaded parts to wear out.
Cylinder dogging:	Specify "CD" prefix. Use $1\frac{1}{8}$ " long mortise cylinder with standard "A" cam.
Stock sizes:	3' for doors from 2'5" up to 3'. 4' for doors from 3' up to 4'.
Doors:	$1\frac{3}{4}$ " thick, wood or metal. Specify thickness if other than $1\frac{3}{4}$ ".
Narrow stile doors:	To $1\frac{3}{4}$ " N.S. aluminum. With control trim- $2\frac{1}{4}$ " min. stile.
Projection:	$2\frac{1}{2}$ " max., $1\frac{7}{8}$ " dogged.
Fasteners:	All mounting screws are concealed. Furnished with sheet metal screws. Machine screws available, specify AMS.
Sex bolts:	3-#4122 ( $\frac{1}{4}$ "-20) SNB standard. Hollow core wood, light gauge hollow metal, etc. require additional sex bolts. 19-V: 6-#2729 #10-24 SNB; 19-V-LBR: 3-#2729 #10-24 SNB
ANSI:	Certified ANSI A156.3 2001 grade 1 standards.
19-V:	Latch retention and 3788 strike top, deadbolt and 2130 flush strike bottom.
19-V-LBR:	3788 strike top.
Vertical rods:	Furnished to length based on $40\frac{5}{16}$ " horizontal CL from finished floor and a 7'0" door standard. Variations from these standards must be specified when ordering.
Shim kit:	For glass lites applications; $\frac{1}{4}$ " thick specify SK-19-V- $\frac{1}{4}$ ".
161 cutout:	Device covers 161 cutout with KIK/KIL and Centron trims. Other trim requires cover plate.

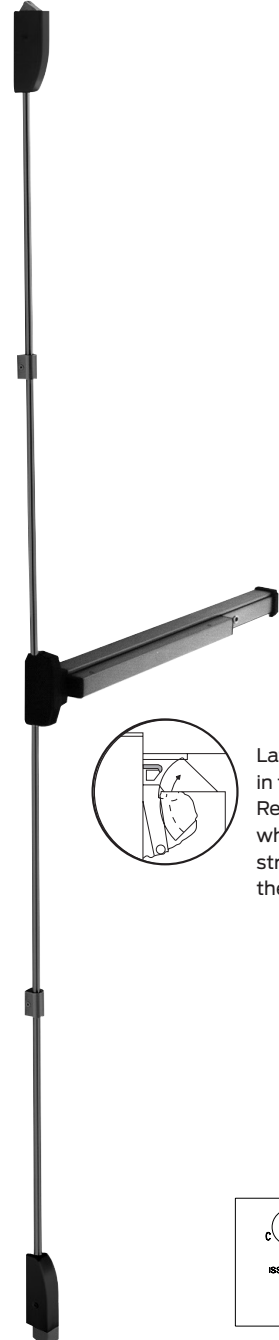


# F-19-V Series non-handed vertical rod device

## 🔥 Fire exit hardware

Manufactured to the same standards as the F-19 Rim, the F-19-V 🔥 Fire exit device complies with most exit door requirements, and is fully reversible and surface applied. This device is regularly furnished with deadlocking top latch retention and square bolt at bottom. (This device is listed by UL for "B" label fire door installations.) The "EO" (exit only) device is ready to accept any trim function shown on page 12.

3788  
Strike



Latch retention hold is in the top latch. Retainer is released when it engages the strike. The door is in the closed position.



2130  
Strike

Device & trim	ANSI type	ANSI function
F-19-V-EO	2 or 5	01
F-19-V-DT	2 or 5	02
F-19-V-NL	2 or 5	03
F-19-V-K (or L or KIL)	2 or 5	08
F-19-V-K-NL (or L-NL or KIL-NL)	2 or 5	09

Note: For blank escutcheon specify BE.

## Specifications

Hand:	Field reversible.
Functions:	All functions built into "EO" device. All 19 Series trim works with rim or vertical devices. See Trim Selection Chart on pages 15 and 16.
Finishes:	Powder-coated aluminum-SP28; powder-coated duranodic-SP313; stainless steel US-32D.
Strikes:	3788 strike is surface applied. 2130 strike is mortised into floor.
Latchbolt:	Top stainless steel $\frac{3}{4}$ " throw. Bottom square bolt $\frac{1}{2}$ " throw.
Deadlocking latchbolt:	Standard.
Stock sizes:	3' for doors from 2'5" up to 3'. 4' for doors from 3' up to 4'.
Doors:	1 $\frac{3}{4}$ " thick, wood or metal. Specify if other than 1 $\frac{3}{4}$ " thick.
Projection:	2 $\frac{1}{2}$ " maximum.
Fasteners:	All mounting screws are concealed. All machine screws standard.
Sex bolts:	3-#4122 ( $\frac{1}{4}$ "-20) SNB standard. Composite or non-reinforced wood, hollow metal require additional sex bolts. F-19-V: 6-#2729 #10-24 SNB; F-19-V-LBR: 3-#2729 #10-24 SNB.
ANSI:	Certified ANSI A156.3-2001 grade 1 standards.
F-19-V:	Latch retention and 3788 strike top deadbolt and 2130 flush strike bottom.
F-19-V-LBR:	Latch retention and 3788 strike top.
Vertical rods:	Furnished to length based on a 40 $\frac{5}{16}$ " horizontal CL from finished floor and a 7'0" door standard. Variations from these standards must be specified when ordering.
Shim kit:	For glass lites applications; $\frac{1}{4}$ " thick specify SK-19-V- $\frac{1}{4}$ ".
161 cutout:	Device covers 161 cutout with KIK/KIL and Centron trims. Other trim requires cover plate.

# Trim designs

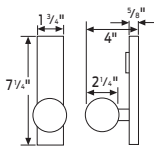
## Control trim

SP28, SP313 and US-32D.

### K-control



**911K**  
BE  
NL

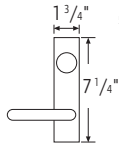


Key locks or unlocks trim. Knob retracts latchbolt when trim is unlocked.

### L-control



**L-Control-Dane**  
**912L**  
BE  
L-DT  
NL



Lever Projection: Quantum = 3"  
Sutro = 2 7/8"  
Dane = 2 7/8"



**L-Control-Sutro**  
**912L**  
BE  
L-DT  
NL



**L-Control-Quantum**  
**912L**  
BE  
L-DT  
NL

Key locks or unlocks trim. Lever retracts latchbolt when trim is unlocked. Dane, Quantum and Sutro levers return to within 1/2" of door.

### DT-control

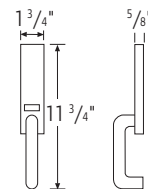


**918 DT**  
Pull when dogged.

### NL-control



**918NL**  
Key retracts latchbolt.



### Pull



**9970**  
Can be used with all devices (not for use on wood doors).

9 1/4" center to center

2 7/8" projection

1 3/4" clearance

## Cover plates



**4167**  
3 1/4" x 15" x .050  
Used with TP control & DT control  
Covers 161 & 86 cutouts



**4168**  
3 1/4" x 7 1/2" x .050  
Used with EO device to cover No. 86 cutout for mortise lock



**4170**  
3 1/4" x 7 1/2" x .050  
Used with K control, DT/K control, L control, or DT/L control  
Covers 161 & 86 cutouts

## Key-in-lever



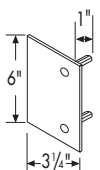
**914KIL**



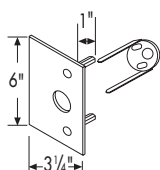
**914-KIL-IC**

For 1-3/4" thick doors only

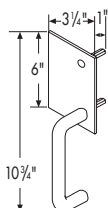
## Centron trim



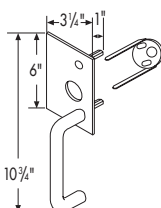
**930 EO**



**930 C**



**930 DT**

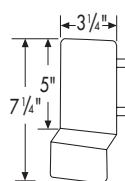


**930 NL**

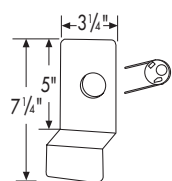


**Pull only 917 DT**  
CTC - 5 1/2" round - 3/4" dia.  
Pull when dogged.

## Trident trim



**920 DT**



**920 NL**

# Trim chart

## Control

Device	DT	NL	T-BE	K	K-BE	K-DT
19-R/19-V	918	918	910	911	911	911
Cylinder type	—	rim	—	1 1/8" Mortise	—	—

Device	Dane*						Sutro*			Quantum*		
	L	L-BE	L-DT	L	L-BE	L-DT	L	L-BE	L-DT	L	L-BE	L-DT
19-R/19-V	912	912	912	912	912	912	912	912	912	912	912	912
Cylinder type	1 1/8" Mortise	—	—	1 1/8" Mortise	—	—	1 1/8" Mortise	—	—	1 1/8" Mortise	—	—

## KIL

Device	KIL*	KIL-LS/LK'	KIL-NL*	KIL-IC*
19-R/19-V	914	914	914	914
	Falcon "C" keyway A23160	—	Falcon "C" keyway A23160	Small format

## Trident trim

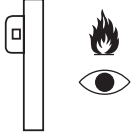
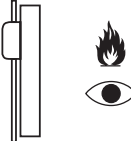
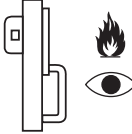
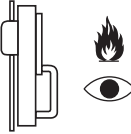
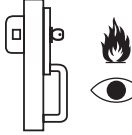
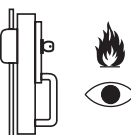
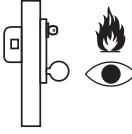
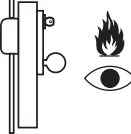
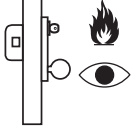
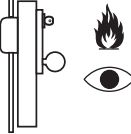
Device	Centron				
	NL	DT	C	DT	NL
19-R/19-V	920	920	930	930	930
Cylinder type	Rim	—	Rim	—	Rim

\* Specify hand.

Note: For "NL" night latch function on K and L add "NL" after trim number.  
All locking trim except KIL furnished less cylinder.

# Type and functions

These pages list all functions available for the 19 Series devices.

	Rim devices ANSI type 1 and 4.	Vertical rod devices ANSI type 2 and 5.
Functions (ANSI)	(F)-19-R	(F)-19-V
<b>EO or N (01)</b> Exit only, no trim.	 <b>19-R-EO</b>	 <b>19-V-EO</b>
<b>DT (02)</b> Entrance by trim when actuating bar is dogged down.*	 <b>19-R-DT</b>	 <b>19-V-DT</b>
<b>NL (03)</b> Entrance by trim when latchbolt is retracted by key. Key removable only when locked.	 <b>19-R-NL</b>	 <b>19-V-NL</b>
<b>K or L or KIL (08)</b> Entrance by knob or lever. Key locks or unlocks knob.	 <b>19-R-K or L or KIK or KIL</b>	 <b>19-V-K or L or KIK or KIL</b>
<b>K(NL) or L(NL) (09) or KIL (NL)</b> Entrance by knob or lever only when released by key. Key removable only when locked.	 <b>19-R-K (NL) or L(NL) or KIK(NL) or KIL(NL)</b>	 <b>19-V-K (NL) or L(NL) or KIK(NL) or KIL(NL)</b>



Fire exit hardware

Use "F" prefix for fire exit hardware.



Security monitor



Electric function

\*Latch, device, and authorize degress monitors. (See electrified hardware catalog.)

\*Fire exit devices cannot be dogged down. Some codes permit electric dogging with fail secure circuitry.

# Type and functions

## Double doors

Device & trim	Length	Top strike	Bottom strike	Min. stile	Door opening width
(F) 19-V	3'0"	3788	2130	3 1/2"	2' 5 1/4" to 3'0"
(F) 19-V	4'0"	3788	2130	3 1/2"	3'0" to 4'0"

Note: For (F-) 19-V-LBR use "V" information less bottom strike. F-19-V-LBR requires use of auxiliary fire latch.

## Single doors with 5/8" stop

Device & trim	Length	Strike	Min. stile	Door opening width
19-R	3'0"	F570	3 1/2"	2'5 1/4" to 3'0"
		565	1 3/4"*	2' 4 3/4" to 2' 9 1/4"
F-19-R	3'0"	F570	3 1/2"	2'5 1/4" to 3'0"
19-R	4'0"	F570	3 1/4"	3'0" to 4'0"
		565	1 3/4"*	3'0" to 3'9 3/4"
F-19-R	4'0"	F570	3 1/4"	3'0" to 4'0"

\*For EO and NL functions only. 2- 1/4" minimum stile required for control trim.

## Dimensions:

- Recommended height from finished floor - 40 5/16" at CL.
- Touchbar projections: neutral - 2 1/2" depressed - 1 7/8"
- Extension rods or longer top rods available upon request.
- Specify door height.
- Dummy touchbar available. Specify 190 DT 3' or 4'.
- Overall length: 3' 30 1/2"- 4' 42 5/8"
- Changes for minimum door size for charts on left:
- For cylinder dogging, add 2 1/4" to minimum door size.
- For exit alarm, add 4 1/2" to minimum door size.
- To fit on smaller door consult factory

## Double doors with Mullion

Device & trim	Length	Strike	Min. stile	Door opening width	Fire	Panic
19-R	3'0"	F570	3 1/2"	2'5 1/4" to 3'0"	—	29231
			3 3/4"		—	4023/ KR4-23
		565	3 1/8"	2'4 3/4" to 2'9 1/4"	—	29231
			3 3/8"		—	4023/KR4023
F-19-R	3'0"	F-570	3 3/4"	2'5 1/4" to 3'0"	(F)4023	—
					KR(F)4023	—
19-R	4'0"	F570	3 1/2"	3'0" to 4'0"	—	29231
			3 3/4"		—	4023/ KR4-23
		565	3 1/8"	3'0" to 3'9 3/4"	—	29231
			3 3/8"		—	4023/KR4023
F-19-R	4'0"	F-570	3 3/4"	3'0" to 4'0"	(F)4023	—
					KR(F)4023	—

<sup>1</sup> To cover 161 cutout on double door installation, specify 2923 mullion with 565 strike.



# Door applications

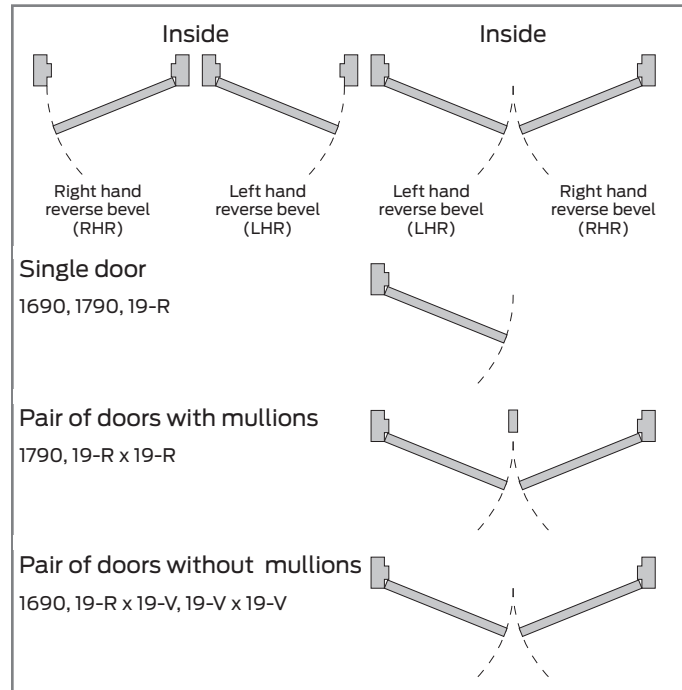
## Door thickness

All devices and components supplied for 1 3/4" doors standard. Specify door thickness if other than 1 3/4".

Number	BHMA/ANSI function
01	Exit only, no trim.
02	Entrance by trim when actuating bar is locked down.
03	Entrance by trim when latchbolt is retracted by key; key removable only when locked.
04	Entrance by trim when latchbolt is retracted by key or set in a retracted position by key.
08	Entrance by knob or lever; key locks or unlocks knob or lever.
09	Entrance by knob or lever only when released by keys; key removable only when locked.

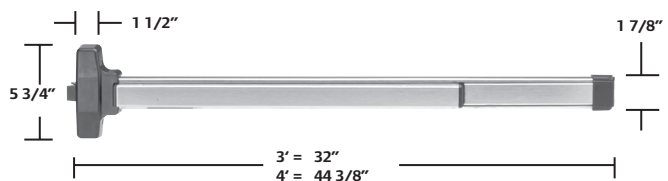
U.S. standard	BHMA	Description
US28	628	Anodized aluminum – clear
DC13	710	Anodized aluminium – dark bronze
DC35	711	Anodized aluminum – black
P28	689	Painted aluminum – silver
P13	695	Painted aluminum – dark bronze
P35	622	Painted aluminum – black
US3	666	Bright brass
US4	667	Satin brass
US9	705	Bright bronze
US10	668	Satin bronze
US10B	703	Oxidized satin bronze
US14	669	Bright nickel
US15	670	Satin nickel
US26	672	Bright chrome
US26D	702	Satin chrome

## Door application chart



Device	Label	Door opening	Application
<b>Hollow metal door</b>			
F-19-R	1 1/2 hr. "B"	4' x 7'2" 8' x 7'2"	Single, pair, same egress w/ F-4023 mullion and KR-F-4023
F-19-V	1 1/2 hr. "B"	8' x 10'	Pair, double egress, same egress
F-19-V-LBR	1 1/2 hr. "B"	8' x 8'	Pair, double egress, same egress
<b>Wood door</b>			
F-19-V-LBR	20 min.	8' x 8'	Wood or comp., pair, double egress, same egress
F-19-R	1 1/2 hr. "B"	4' x 7'2" 8' x 7'2"	Single, pair, same egress w/ F-4023 mullion and KR-F-4023

## 19 Device dimensions:



# Strikes

## 1690 Concealed vertical rod device



### PB48

Top strike for 1690 device. Packed with three 0.050" thick shims. 1 1/16" x 1 1/16" x 7/16" (H x W x D)

## 1790 Rim device



### STK45

Strike for inactive leaf, pair of doors with 1790 device. 3 1/4" x 1 5/16" x 1/4" (H x W x D)



### TD35

Strike for single doors, 1790 device. Includes 1/8" shim. 3" x 2" x 1/2" (H x W x D)

## (F) 19-R Rim devices



### F570

Standard strike. 2 5/8" x 1 1/4" x 13/16" (H x W x D)



### F490

Optional strike. 2 5/8" x 1 1/4" x 7/8" (H x W x D)



### 565

Adjustable surface mounted for use with blade or applied stops. Mounts flush for 1/2" stop height.



### 571/571A

Used on inactive leaf for device on active leaf of pair of doors without removable mullion. 571 keeps 2 5/16" backset. 571A is trimmer and projects less into opening.

## (F) 19-V Surface vertical rod devices



### 3788

Top strike for 19-V.



### 2130

19-V bottom strike for grouting into concrete or masonry floors.



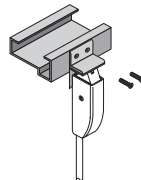
### 4155

19-V optional bottom strike.



### 2126A

19-V optional bottom strike.



### 4215

Angle bracket for 19-V devices flush transom applications. Does not require elimination of latch retention feature.



### Extension rods

Extension rods are available in 12", 24" and 36" lengths in all finishes. Both ends tapped and all-thread included as connector.

# Power supply



The PS900 series is a consolidated line of power supplies and accessories that offer enhanced flexibility and functionality specific to the changing needs of the access control market. The PS900 series can be used in a variety of applications to convert high voltage AC power into the low voltage DC outputs required by most access control devices. The PS900 series protects devices downstream by providing Class 2\*, filtered and regulated power. The full line is UL294 certified.

Note: PS906 can provide Class 2 rated outputs when used with 900-8P distribution board.

## Features:

- Constant output rating at both 12 VDC and 24 VDC provides superior performance ; includes field selectable jumper
- Polarized connectors for option boards eliminate need for racks and side connectors
- Flat mounting of option boards provides easier access to terminal blocks for connection of electrified devices
- High voltage protective cover
- Battery back-up board auto-selects voltage
- Fire alarm relay can be configured to provide either switched or un-switched outputs from a power supply
- PS914 designed with high in rush current for powering electrified panic devices
- Universal 120-240 VAC input
- Low voltage DC, regulated and filtered
- Electronic power limiting foldback circuit for AC current overload protection
- Fused primary input
- AC status monitor- isolated SPDT contacts
- AC input and DC output LED status indicators
- Cover mounted AC input indication
- Hinged cover with lock down screws

## Certifications:

- UL 294 certified—the standard for access control
  - Class 2 rated\*
- \* Except PS906, output rating exceeds Class 2 power limits

Once power is converted to low voltage DC, the PS900 Series offers a variety of distribution options, including basic fuse

protection, simple relay, and advanced logic providing complex sequencing and timing functions.

\* PS906 can provide Class 2 rated outputs when used with 900-8P distribution board.

	PS902	PS904	PS906	PS914
<b>Number of connectors on power supply for the following:</b>	<b>2 amps</b>	<b>4 amps</b>	<b>6 amps</b>	<b>4 amps</b>
Distribution boards	1	2	3	2
Battery back-up board	1	1	1	1

Note: One fire alarm board can be connected directly to the PS902. If a fire alarm board is desired for the PS904, PS906 or PS914 it can be connected to a distribution board.

## Applications:

The PS900 series of power supplies works with many electrified devices including Falcon exit devices, electromagnetic locks, hardwired locks, electrified mechanical locks, electrified strikes and many other products.

## Accessories:

The PS900 series features seven option boards for use in a variety of applications. All PS900 series power supplies option boards are UL 294 certified.

### Option boards:

**900-4R:** 4 relay controlled output board to power multiple devices

**900-4RL:** 4 relay distribution board with logic is field configurable for time delay function, auto operator, security interlock

**900-8F:** Provides 8 individually fuse-protected outputs, giving the flexibility to power multiple devices and provide another layer of protection

**900-FA:** Emergency interface relay integrates with fire alarm and is used to cut power in case of emergency

**900-BB:** Battery backup

**900-2RS:** 2 relay EL panic device control board (PS914 only)

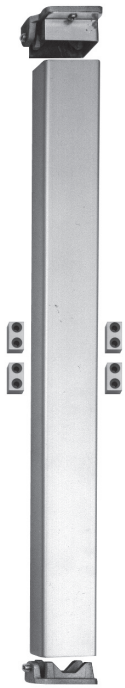
**900-BBK:** Battery backup kit includes two 7A/hr batteries and provides up to four hours of backup power when cycled every 5 minutes at full load.

### Wire selection size / type

Run length	EL device w/ EPT or door loop
0-100 ft	14 gauge standard wire
101-200 ft	12 gauge standard wire
Run length	EL device w/ electric hinge / pivot
0-75 ft	14 gauge standard wire
76-150 ft	12 gauge standard wire
Wire selection	Switch wire size
1200 ft max.	16 gauge



# Accessories



F-4023 Shown

## Removable mullion

- Removable mullions are easily removed and reinstalled for full width access
- Increased security and tighter closure
- Minimizes door warp age and sag
- Regulates the traffic flow in-and-out
- Rim devices are used on both leaves, attaining a perfect symmetrical opening
- Mullion assembly consists of a mullion, top and bottom fittings and mounting package
- Mullion can be cut on the job for doors under stock lengths

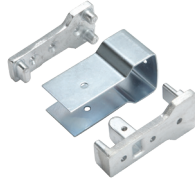
## 2923, (F)4023, (F)KR4023 Mullion

These steel mullions can be used with the 19-R and F-19-R devices. Soffit adapters are available for the 2923 and 4023 mullions. The F4023 and F-KR4023 fire-rated mullions also include four stabilizer blocks as required for labeled installations. Strikes are not included with mullion and should be specified with the 19-R or F-19-R device, see page 11 for strike information. KR mullions require 1 1/4" mortise cylinder with standard "A" cam. The mullion fittings are made from ductile iron. The (F)4023 and (F)KR4023 are 2" wide and 3" deep. The 2923 is 1 1/2" wide and 2 1/2" deep. Furnished in prime coat.

## Mullions



RM 170



Mullion brackets



525 Mullion stabilizer for RM170

## RM 170 Removable mullion

RM 170 for use with 1790 series. Comes complete with adjustable mortised strikes and security clips. Compatible with doors 7' to 10' and for use with stiles as narrow as 1 3/4". Made of aluminum, available in anodized aluminum or bronze finishes. Mullion is 3 1/2" deep, 1" wide on door side, and 1 5/8" at the widest point.

## Mullion strikes



### STK170

Adjustable mortise strikes (pair).

2 7/8" tall

1 3/4" wide

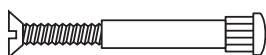
1" thick

## Sex bolts

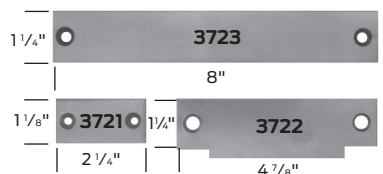
Sex bolts are available for 1 3/4" door thickness. Screws to fit are available in 3/4" and 2" lengths to cover a wide range of door thicknesses.

2729 (#10-24 thread)

4122 (1/4"-20 thread)



## Filler plates



### 3721/3722/3723

Steel filler plates

3721 Cylindrical lock frontfiller

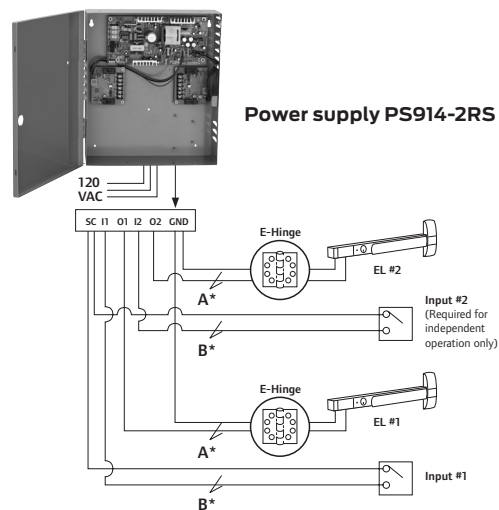
3722 ASA strike filler - set no. SC for 161 cutout

3723 Mortise lock front filler

3722 ASA strike filler - set no. SM for 86 cutout

# Accessories

## Popular EL application



### EL Device wire selection size

A*	Run length	EL device w/EPT or door loop
	0-100 ft.	14 gauge
	100-200 ft.	12 gauge
A*	Run length	EL device w/electric hinge/pivot
	0-75 ft.	14 gauge
	76-150 ft.	12 gauge
B*	Wire selection	Switch wire size
	1200 ft. max.	18 gauge

# How to order

## 1490/1590

		EL	1490	EO	36"	US28	CYL	RL*	RHR*
<b>HH</b>	Hurricane device *								
<b>EL</b>	Electric latch retraction								
<b>S</b>	Signal switch - monitors latch bolt								
<b>1490</b>	See model numbers on page 4								
<b>1590</b>	See model numbers on page 5								
<b>EO</b>	Exit only								
<b>DT</b>	Dummy trim								
<b>NLOP</b>	Night latch cylinder assembly - optional pull								
<b>HBOP</b>	Hold back cylinder assembly - optional pull								
<b>NLP</b>	Night latch cylinder assembly with 9970 pull								
<b>HBP</b>	Hold back cylinder assembly with 9970 pull								
<b>36"</b>	36" (standard)								
<b>42"</b>	42" (optional)								
<b>48"</b>	48" (optional)								
<b>US28</b>	<b>DC35</b> <b>US9</b> <b>US4</b> <b>US14</b>								
<b>DC13</b>	<b>US3</b> <b>US10</b> <b>US10B</b> <b>US15</b>								
<b>RISER</b>	Riser (1/2")								
<b>CYL</b>	Rim cylinder								
<b>7 PIN CYL</b>	Cylinder assembly for 7-pin cylinder. Cylinder not included.								
<b>RL</b>	Standard bottom latch								
<b>HEX</b>	Standard EL bottom latch								
<b>PL</b>	Pullman bottomlatch								
<b>LBR</b>	Less bottom rod								
<b>RHR</b>	RHR								
<b>LHR</b>	LHR								

\*Applies to 1490 only

## 1690/1790

		EL	1690	EO	36"	US28	RL*
<b>HH</b>	Hurricane device*						
<b>RX</b>	Request to exit switch						
<b>EL</b>	Electric latch retraction						
<b>ED</b>	Electric dogging						
<b>1690</b>	See model numbes on page 6						
<b>1790</b>	See model numbers on page 7						
<b>EO</b>	Exit only						
<b>DT</b>	Dummy trim						
<b>NL-HBOP</b>	Cylinder assembly - optional pull						
<b>NL-HBP</b>	Cylinder assembly with 9970						
<b>30"</b>	30" (optional)						
<b>36"</b>	36" (standard)						
<b>42"</b>	42" (optional)						
<b>48"</b>	48" (optional)						
<b>US28</b>	<b>DC35</b> <b>US10</b> <b>US26D</b>						
<b>DC13</b>	<b>US3</b> <b>US26</b>						
<b>1690 Only</b>							
<b>HEX</b>	Standard bottom latch						
<b>RL</b>	Rod bottom latch						
<b>PL</b>	Pullman lottomlatch						
<b>ES</b>	Top latch for use with electric strike						
<b>LESS RODS</b>	Less rods (retrofit of 1990 device)						
<b>LBR</b>	Less bottom rods						

\*Applies to 1690 Only

# 19 Series

		F	19	V	L-DANE	US32D	3'	L	HR	LBR	SNB	WD
<b>Prefixes</b>												
CD	Cylinder dogging											
KOR	Key bypass switch											
<b>Rating</b>												
F	Fire exit hardware											
Blank	Panic exit hardware											
<b>Device Series</b>												
19	Touch bar device, narrow stile											
<b>Device Type</b>												
R	Rim											
V	Surface vertical rod											
<b>Trim Function</b> (see Trim pages for all functions)												
EO	Exit only											
DT	Dummy trim											
NL	Night latch											
C	Cylinder trim less pull											
K	Knob											
L	Lever (dane standard)											
TL	Thumb lever											
KIL	Key in lever											
<b>Finish</b>												
US32D												
SP28												
SP313												
<b>Door Width</b>												
3'	Standard default											
4'												
—	Specify exact door width											
<b>Handing</b>												
RHR	Right hand reverse											
LHR	Left hand reverse											
<b>Less bottom rod</b>												
LBR	Less bottom rod											
LBR-AFL	LBR w/auxiliary fire latch											
<b>Other device options</b>												
RBB	Round bottom bolt											
SSTB	Stainless steel touch bar											
VRP	Black pad on touch bar											
TAC	Tactile warning											
<b>Accessories</b>												
CYL	Cylinder											
SNB	Sex bolts											
SK	Shim kit											
AMS	All machine screws											
<b>Other miscellaneous door information</b>												
HMD	Hollow metal door											
HMF	Hollow metal frame											
WD	Wood door											
WDF	Wood frame											
ALD	Aluminum door											
ALF	Aluminum frame											
SCDC	Steel channel door construction											
—	Specify other door or frame											
—	Material information											
—	Door height											
—	Door thickness											
—	Door undercut											
—	Door label (20 min, 45 min, 90 min 1-1/2 hr)											
—	Stile width											
—	Frame stop height											
SGL	Single door											
PR	Pair of doors swinging same direction											



## About Allegion

Allegion (NYSE: ALLE) creates peace of mind by pioneering safety and security. As a \$2 billion provider of security solutions for homes and businesses, Allegion employs more than 8,000 people and sells products in more than 120 countries across the world. Allegion comprises 27 global brands, including strategic brands CISA®, Interflex®, LCN®, Schlage® and Von Duprin®.

For more, visit [www.allegion.com](http://www.allegion.com)

KRYPTONITE ■ LCN ■  ■ STEELCRAFT ■ VON DUPRIN

**FALCON®**

# Cross bar

Exit devices





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# The Falcon difference

## Safety, security and uncompromising value

At Falcon, we know that every product you sell not only has to meet local building codes, but also your expectations for performance and quality. We take your expectations seriously, and that's why we build our crossbars to deliver durability, convenience and unmatched value. After all, we've built our reputation on the same standards that you have – providing quality products at a reasonable price delivered on time. It's the way we do business and it's what makes Falcon a powerful choice no matter what your project.

# XX-R Series

## Non-handed rim device

### Panic exit hardware

The Falcon XX-R Series rim device is produced to meet the demanding requirements of higher traffic installations. This device is a single point, rim type latch with the traditional crossbar design.



F570  
(standard)



2789  
Dogging key



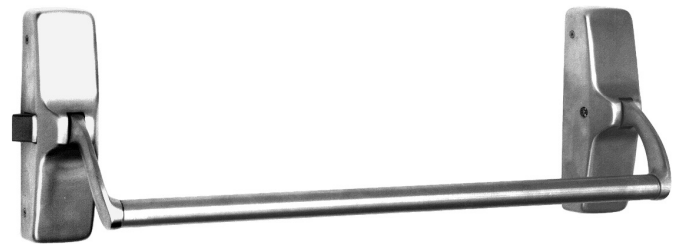
565  
(optional)



571/571A  
(optional)



F490  
Strike



Device	Length	Strike	Min. stile	Door opening width
XX-R-EO	4'	565 flush	3 1/4"	2'6" up to 3'10"
		565	3 3/4"	2'6" up to 3'11"
		F570/F490	4"	2'6" up to 4'0"

Note: See page 15 for additional strike information. Approximate. See appropriate templates.

### Specifications

Hand:	Field reversible.
Functions:	All functions built into "EO" (exit only) device. For K or L trim, add 3755 K hub. See trim selection chart on page 18
Finishes:	US3 (605); US4 (606); US10 (612); US26 (625); US26D (626); US32 (629); US32D (630); SP313 (695)
Strikes:	F570 adjustable strike standard 565, 571, 571A, F490 strike optional
Arms:	Forged brass, aluminum and investment cast stainless steel
Crossbars:	1" O.D., brass, bronze and stainless steel. Reinforced crossbars available
Latchbolt:	Stainless steel, 3/4" throw
Deadlocking latchbolt:	Optional; Specify "DL" prefix
Dogging feature:	1/2" turn hex dogging standard; No threaded parts to wear out
Stock sizes:	4'0" standard
Doors:	1 3/4" thick, wood or metal; Specify thickness if other than 1 3/4"
Projection:	5" maximum; 4" dogged
Mounting height:	40 1/4" from CL to finished floor
Fasteners:	All mounting screws are concealed. Sheet metal screws standard; Machine screws available, specify AMS
Sex bolts:	When device is used with hollow core wood, composite or light gauge hollow metal doors, specify 8-#2729 SNB when through-bolted trim is used, specify 4-#2729 SNB
ANSI:	Certified ANSI A156.3 grade 1 standards
Center case and working parts:	Center case is pressure die cast aluminum with heavy wrought, forged, investment cast and sintered metal parts

# F-XX-R Series

Non-handed rim device

## Z Fire exit hardware

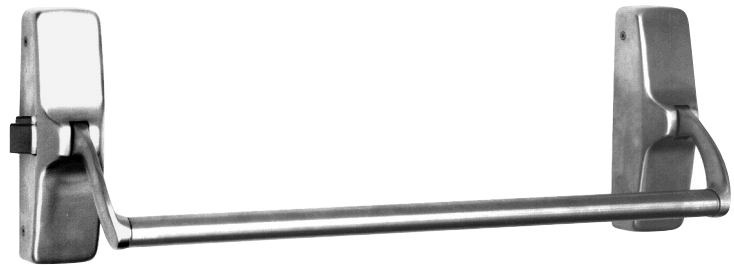
The Falcon F-XX-R Series Z fire rated rim device is produced with the demanding standards required for a quality fire rated device. The investment cast stainless steel chassis, stainless steel latchbolt and standard deadlocking feature provide years of reliable service in higher traffic installations. The F-XX-R device is a single point, rim type latch with the traditional crossbar design.



F570  
(standard)



F490  
Strike



Device	Length	Strike	Stile	Opening width
F-XX-R-EO	4'	F570/ F490	4"	2'6" up to 4'0"

Note: Approximate. See appropriate templates.

## Specifications

Hand:	Field reversible.
UL:	"A" label (3 hr.); 4'0" x 8'0"; 8'0" x 8'0". "B" label (1 1/2 hr.) 8'0" x 8'0" with KRF-4023 mullion
Functions:	All built into "EO" (exit only) device; For K or L trim, add 3755 K hub; See trim selection chart on page 18
Finishes:	US3 (605); US4 (606); US10 (612); US26 (625); US26D (626); US32 (629); US32D (630); SP313 (695)
Strikes:	Stainless steel, F570 or F490
Arms:	Forged brass, aluminum and investment cast stainless steel
Crossbars:	1" O.D., brass, bronze and stainless steel; Reinforced and crossbars available
Latchbolt:	Stainless steel, 3/4" throw
Deadlocking latchbolt:	Standard
Stock sizes:	4'0" standard.
Doors:	1 3/4" thick, wood or metal; Specify thickness if other than 1 3/4"
Projection:	5" maximum
Mounting height:	40 1/4" from CL to finished floor
Fasteners:	All mounting screws are concealed; Furnished with all machine screws
Sex bolts:	When used with wood, composite or non-reinforced hollow metal, sex bolts must be specified, 10-#2729 SNB required; If through-bolted trim is used, 6-#2729 SNB required
ANSI:	Certified ANSI A156.3 grade 1 standards
Center case and working parts:	Center case is investment cast stainless steel with heavy wrought, forged, investment cast and sintered metal parts

# XX-V Series

Reversible vertical rod device

Panic exit hardware

The Falcon XX-V Series vertical rod device is designed to meet the demanding requirements of higher traffic installations. The XX-V device is a surface-applied vertical rod type with the traditional crossbar design.



Specifications

Hand:	Field reversible
Functions:	See trim selection chart page on 18
Finishes:	US3 (605); US4 (606); US10 (612); US26 (625); US26D (626); US32 (629); US32D (630); SP313 (695)
Strikes:	3788 strikes are surface applied. 2130 strike is mortised into floor.
Angle bracket:	Use 4215 angle bracket in flush transom installations; Allows use of standard 3788 strike
Arms:	Forged brass, aluminum and investment cast stainless steel
Crossbars:	1" O.D., brass, bronze and stainless steel; Reinforced crossbars available
Latchbolt:	Top stainless steel, 3/4" throw; Bottom stainless steel bolt, 1/2" throw
Deadlocking latchbolt:	Standard
Latch retention hold:	Standard with top latch
Dogging feature:	1/2" turn hex dogging standard; No threaded parts to wear out
Stock sizes:	4'0" standard
Doors:	1 3/4" thick, wood or metal; Specify thickness if other than 1 3/4"
Projection:	5" maximum, 4" dogged
Stile:	3 1/2" minimum when used in pairs
Fasteners:	All mounting screws are concealed; Sheet metal screws standard; Machine screws available, specify AMS
Sex bolts:	When device is used with hollow core wood, composite or light gauge hollow metal doors, specify 8-#2729 SNB when through-bolted trim is used, specify 4-#2729 SNB
ANSI:	Certified ANSI A156.3 grade 1 standards
XX-V:	Latch retention latch top; 3788 strike top, bottom bolt 2130 flush strike bottom
XX-V-LBR:	Less bottom rod vertical device
Vertical rods:	Furnish to length based on a 40 1/4" horizontal CL from finished floor, and a 7'0" door standard; Variations from these standards must be specified when ordering

# F-XX-V Series

## Reversible vertical rod device

### **Z** Fire exit hardware

The Falcon F-XX-V Series **Z**-fire rated vertical rod device is designed to meet the demanding requirements of higher traffic installations. The F-XX-V is a fire rated surface-applied vertical rod type with the traditional crossbar design.



### Specifications

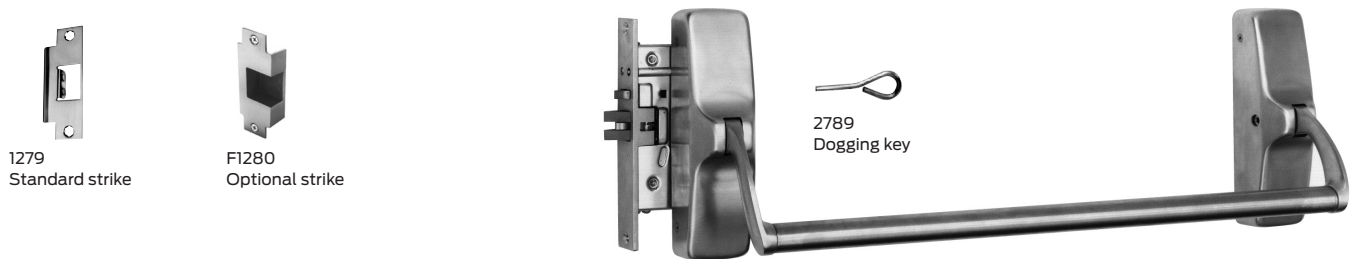
Hand:	Field reversible.
UL:	"A" label (3 hr.); 8'0" x 10'0" double egress; 8'0" x 10'0" (F-XX-M x F-XX-V) "B" label (3 hr.); 8'0" x 10'0" double egress; 8'0" x 10'0"
Functions:	See trim selection chart on page 18
Finishes:	US3 (605); US4 (606); US10 (612); US26 (625); US26D (626); US32 (629); US32D (630); SP313 (695)
Strikes:	3788 strikes are surface applied, standard; 2130 strike is mortised into floor
Arms:	Forged brass, aluminum and investment cast stainless steel
Crossbars:	1" O.D., brass, bronze and stainless steel; Reinforced crossbars available
Latchbolt:	Top stainless steel, 3/4" throw; Bottom stainless steel bolt, 1/2" throw
Deadlocking latchbolt:	Standard
Latch retention hold:	Standard with top latch
Stock sizes:	4'0" standard
Doors:	1 3/4" thick, wood or metal; Specify thickness if other than 1 3/4"
Projection:	5" maximum
Stile:	3 1/2" minimum when used in pairs
Fasteners:	All mounting screws are concealed; All machine screws standard
Sex bolts:	When device is used with hollow core wood, composite or light gauge hollow metal doors, specify 8-#2729 SNB when through-bolted trim is used, specify 4-#2729 SNB
ANSI:	Certified ANSI A156.3 grade 1 standards
F-XX-V:	Latch retention latch top; 3788 strike top, bottom bolt 2130 flush strike bottom
F-XX-V-LBR:	Less bottom rod vertical device with side-of-door-mounted auxiliary fire latch (AFL), "A" label (3 hr.), 8'0" x 8'0" double egress (20 min. fire rating on wood doors.)
Vertical rods:	Furnished to length based on a 40 1/4" horizontal CL from finished floor, and a 7'0" door standard; Variations from these standards must be specified when ordering

# XX-M Series

Mortise device

**Panic exit hardware**

The Falcon XX-M Series mortise device offers great value with attractive styling and the security of a mortise lock. This device is a single-point, mortise latch type featuring the traditional crossbar design. The heart of the XX-M device is the Falcon mortise lock, which is known for its reliability and trouble-free operation.



**Specifications**

Hand:	Handed, specify when ordering
Functions:	Mortise lock determines function. When ordering device only, specify device with function less trim; See trim selection chart on page 18
Finishes:	US3 (605); US4 (606); US10 (612); US26 (625); US26D (626); US32 (629); US32D (630); SP313 (695)
Strikes:	1279 standard; F1280/1280A
Arms:	Forged brass, aluminum and investment cast stainless steel
Crossbars:	1" O.D., brass, bronze, and stainless steel; Reinforced crossbars available
Latchbolt:	3/4" throw; Molydag coated steel
Deadlocking latchbolt:	Standard
Dogging feature:	1/2" turn hex dogging standard; No threaded parts to wear out
Stock sizes:	4'0" standard
Doors:	1 3/4" thick, wood or metal; Specify thickness if other than 1 3/4"
Projection:	5" maximum, 4" dogged
Stile:	4 1/2" minimum
Mounting height:	40 1/4" from CL to finished floor; For mortise lock prep per ANSI A115.1-1990
Fasteners:	All mounting screws are concealed; Sheet metal screws standard for device, mortise lock is machine screws; All machine screws available, specify AMS
Sex bolts:	When device is used with hollow core wood, composite or light gauge hollow metal, specify 8-#2729 SNB; When through-bolted trim is used, specify 4-#2729 SNB
ANSI:	Certified ANSI A156.3 grade 1 standards
Mortise lock:	Heavy wrought lock case with investment cast or sintered stainless steel parts; Lock face is forged brass—fits standard cutout; Locks are designed to fit standard preparation ANSI A115.1 for 1 3/4" doors; Deadlocked when auxiliary bolt is depressed 5/16"



# F-XX-M Series

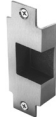
## Mortise device

### **Z** Fire exit hardware

The Falcon F-XX-M Series **Z** fire rated mortise device offers great value, good looks and security of a mortise lock. This fire rated device is a single-point, mortise-latch type, featuring the traditional crossbar design. The heart of the F-XX-M device is the Falcon mortise lock, which is known for its reliability and trouble-free operation.



1279  
Standard strike



F1280  
Optional strike



### Specifications

Hand:	Handed, specify when ordering.
UL:	"A" label (3 hr.); 4'0" x 8'0"; 8'0" x 10'0" (F-XX-M x F-XX-V or F-XX-C) "B" label (1 1/2 hr.) with F1280 open back strike
Functions:	Mortise lock determines function; When ordering, specify device with function less trim; See trim selection chart on page 18;
Finishes:	US3 (605); US4 (606); US10 (612); US26 (625); US26D (626); US32 (629); US32D (630); SP313 (695)
Strikes:	1279 standard; F1280 optional, "B" label (1 1/2 hour)
Arms:	Forged brass, aluminum and investment cast stainless steel
Crossbars:	1" O.D., brass, bronze and stainless steel; Reinforced crossbars available
Latchbolt:	3/4" throw; Molydag coated steel
Deadlocking latchbolt:	Standard
Stock sizes:	4'0" standard.
Doors:	1 3/4" thick, wood or metal; Specify thickness if other than 1 3/4"
Projection:	5" maximum
Stile:	4 1/2" minimum
Mounting height:	40 1/4" from CL to finished floor; For mortise lock prep per ANSI A115.1-1990
Fasteners:	All mounting screws are concealed; All machine screws standard
Sex bolts:	When device is used with wood, composite or non-reinforced hollow metal doors, specify 8-#2729 SNB. When through-bolted trim is used, specify 4-#2729 SNB
ANSI:	Certified ANSI A156.3 Grade 1 standards
Mortise lock:	Heavy wrought lock case with investment cast or sintered stainless steel parts; Lock face is forged brass—fits standard cutout; Locks are designed to fit standard preparation ANSI A115.1 for 1 3/4" doors; Deadlocked when auxiliary bolt is depressed 5/16"

# XX-C Series

Reversible concealed vertical rod device

Panic exit hardware

The Falcon XX-C Series concealed vertical rod device offers great value and design with the security of two-point latching and panic exit functionality. The XX-C device is a concealed vertical rod type with the traditional crossbar design.



Specifications

Hand:	Field reversible
Functions:	See trim selection chart on page 18; Delta trim only
Finishes:	US3 (605); US4 (606); US10 (612); US26 (625); US26D (626); US32 (629); US32D (630); SP313 (695)
Strikes:	4188 mortised top; 2130 and 4155 flush strike bottom
Arms:	Forged brass, aluminum and investment cast stainless steel
Crossbars:	1" O.D., brass, bronze and stainless steel; Reinforced crossbars available
Latchbolt:	Top stainless steel, 3/4" throw; Bottom stainless steel bolt, 1/2" throw
Deadlocking latchbolt:	Standard
Latch retention hold:	Standard in top latch
Dogging feature:	1/2" turn hex dogging standard; No threaded parts to wear out
Stock sizes:	4'0" standard.
Doors:	1 3/4" thick, metal or wood; Specify thickness if other than 1 3/4"
Projection:	5" maximum, 4" dogged
Stile:	3" minimum when used in pairs (6" minimum on wood doors)
Fasteners:	All mounting screws are concealed; Sheet metal screws standard; Machine screws available, specify AMS
Sex bolts:	When non-reinforced hollow metal doors are used specify 8-#2729 SNB; with through-bolted trim, use 4-#2729 SNB
ANSI:	Certified ANSI A156.3 grade 1 standards
XX-C-LBR:	Less bottom rod concealed vertical device with side-of-door mounted auxiliary fire latch (AFL). 20 min., 4'0" x 8'0", 8'0" x 8'0" (with steel channel door construction)
Vertical rods:	Furnished to length based on a 40 1/4" horizontal CL from finished floor, and a 7'0" door standard; Variations from these standards must be specified when ordering
Patented centerslide:	For ease of adjustment



# F-XX-C Series

## Reversible concealed vertical rod device

### Fire exit hardware

The Falcon F-XX-C Series fire rated concealed vertical rod device offers dependable value, classic styling and aesthetics with the security of two-point latching. The F-XX-C device is a concealed vertical rod type with the traditional crossbar design.



### Specifications

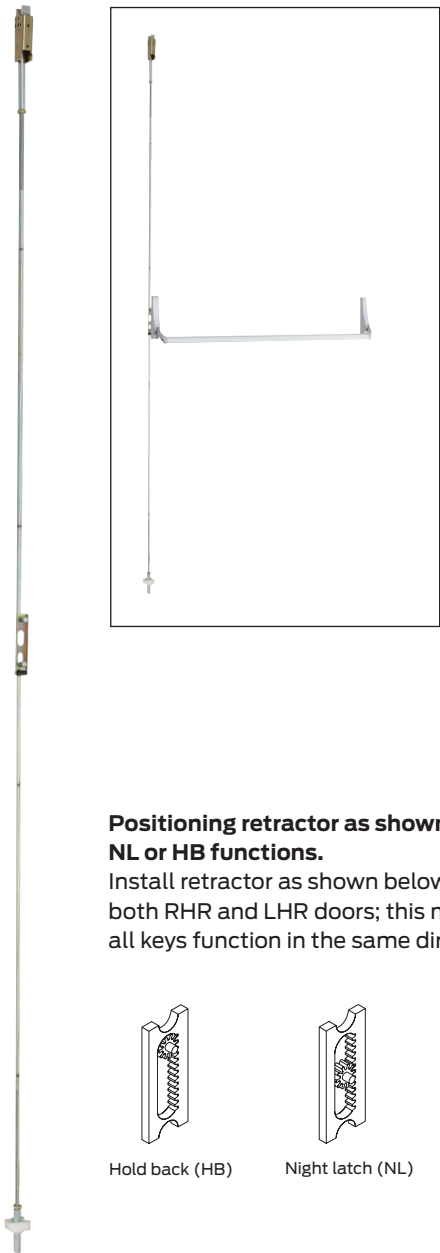
Hand:	Field reversible.
UL:	"A" label (3 hr.); 4'0" x 10'0"; double egress 8'0" x 10'0"; (F-XX-M x F-XX-C)
Functions:	See trim selection chart on page 18; Delta trim only
Finishes:	US3 (605); US4 (606); US10 (612); US26 (625); US26D (626); US32 (629); US32D (630); SP313 (695)
Strikes:	4188 mortised top; 2130 flush strike bottom
Arms:	Forged brass, aluminum and investment cast stainless steel
Crossbars:	1" O.D., brass, bronze and stainless steel; Reinforced crossbars available
Latchbolt:	Top stainless steel, $\frac{3}{4}$ " throw; Bottom stainless steel bolt, $\frac{1}{2}$ " throw
Deadlocking latchbolt:	Standard
Latch retention hold:	Standard in top latch
Stock sizes:	4'0" standard
Doors:	1 $\frac{3}{4}$ " thick metal or wood only; Specify thickness if other than 1 $\frac{3}{4}$ "; 6" minimum on wood doors
Projection:	5" maximum
Stile:	3" minimum when used in pairs; 6" minimum on wood doors
Fasteners:	All mounting screws are concealed; All machine screws standard
Sex bolts:	When non-reinforced Hollow Metal doors are used, specify 8-#2729 SNB; with through-bolted trim, use 4-#2729 SNB
ANSI:	Certified ANSI A156.3 grade 1 standards
F-XX-C-LBR:	Less bottom rod concealed vertical device with side-of-door mounted auxiliary fire latch (AFL) "A" label (3 hr.), 8'0" x 8'0" double egress
Vertical Rods:	Furnished to length based on a 40 $\frac{1}{4}$ " horizontal CL from finished floor, and a 7'0" door standard; Variations from these standards must be specified when ordering
Patented centerslide:	For ease of adjustment

# 1990 Series

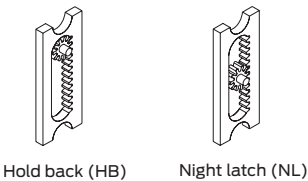
Concealed vertical rod crossbar device

**Tough crossbar design.**

The classic look of 1990 has a long history of reliable performance. It is equipped with hardened steel latches and adjustable strike to ensure safety, security and quiet operation.



**Positioning retractor as shown for NL or HB functions.**  
Install retractor as shown below for both RHR and LHR doors; this makes all keys function in the same direction.



**Specifications**

Hand:	Field reversible, non handed.
Functions:	See trim selection chart on this page.
Finishes:	P28, P13, P35, US26D.
Strikes:	PB48 top.
Latches:	Hex bottom latch (standard), RL - rod bottom latch, PL - Pullman bottom latch, ES - electric strike top latch (optional). Device needs to be less bottom rod (LBR).
Dogging feature:	Hex dogging standard.
Cylinder:	Rim, key entry (NL) or hold back (HB) available (field selectable)
Sizes:	Field adjustable width, 41" crossbar standard extra length cross bar available.
Doors:	1 3/4" thick metal doors.
Projections:	4 3/8" extended, 2 1/2" depressed.
Stile:	1 3/4" minimum.
Fasteners:	All mounting screws are concealed.
ANSI:	Certified ANSI A156.3 grade 1 standards.
UL:	UL305 listed.
Vertical rods:	7' standard, extension rod kits available up to 10'.

Model	Trim Package	Type	Function
1990	No outside trim	6	01
1991	Pull only (9970)	6	02
1992	Cylinder only	6	03/04
1993	Pull and cylinder	6	02/03/04

# 2090 Series

## Rim crossbar device

### Classic looks in a rim exit device.

The 2090 provides balanced appearance, dependable performance and economical pricing, making it a popular choice where rim exit devices are required.

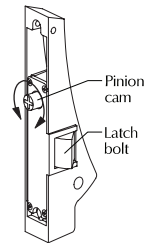


If cylinder is used, set pinion cam on back of active housing for hold-back (HB) or night latch (NL) operation.

#### Hold-back (HB)

Turning key one complete rotation retracts latchbolt. If key is removed in this position, latchbolt stays retracted. Returning key to original position before removing allows latchbolt to extend.

To set for hold-back: Turn pinion cam until latchbolt starts to retract, then turn pinion cam the other way as far as it will go. Leave pinion cam in this position.



#### Night latch (NL)

Turning key as far as it will go retracts latchbolt. Key must be returned to original position to be removed, leaving the door locked.

To set for night latch: Turn pinion cam until latchbolt starts to retract. Leave pinion cam in this position.

### Specifications

Hand:	Specify RHR or LHR, not reversible
Functions:	See trim selection chart on this page
Finishes:	P28, P13, P35, US26D
Strikes:	SD36 standard, see page 17 for other rim strikes available
Latchbolt:	1/2" throw hardened steel
Dogging feature:	Hex dogging standard
Cylinder:	Rim, key entry (NL) or hold back (HB) available (field selectable)
Sizes:	Field adjustable width, 41" crossbar standard extra length crossbars available
Doors:	1 3/4" thick metal or wood doors, specify if wood door; 9970 is for use on HM and Alum doors only; Not for use on wood doors
Projections:	4 3/8" extended, 2 1/2" depressed
Stile:	1 3/4" minimum
Fasteners:	All mounting screws are concealed
UL:	UL305 listed
Mullions:	Removable mullions are available for pairs of doors, see page 14

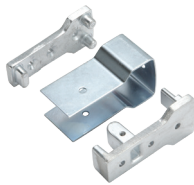
Model	Trim package	Type	Function
2090	No outside trim	4	01
2091	Pull only (9970)	4	02
2092	Cylinder only	4	03/04
2093	Pull and cylinder	4	02/03/04

# Accessories

## Mullions



RM 70



Mullion Brackets



525 Mullion Stabilizer

### RM 70 Removable mullion

RM 70 for use with 2090 Series comes complete with adjustable mortised strikes and security clips. Compatible with doors 7' to 10' and for use with stiles as narrow as 1 3/4". Made of aluminum, they are available in anodized aluminum or bronze finishes. Mullion is 3 1/2" deep, 1" wide on door side, and 1 5/8" at the widest point.

## Mullion strikes



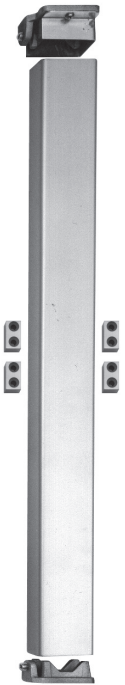
### STK70

Adjustable mortise strikes (pair).

2 3/8" tall

1 7/16" wide

1" thick



F-4023 Shown

### Removable mullion

- The 2923, (F)4023 and KR(F)-4023 steel mullions are for use with the XX-R devices on double door openings. Advantage: Increased security and tighter closure. Minimizes door warpage and sag. Regulates the flow of in-and-out traffic.
- Falcon removable mullions are easily removed and reinstalled for full width access.
- Rim devices are used on both leaves, attaining a perfectly symmetrical opening.
- The mullion assembly consists of a mullion, top and bottom mounting brackets and a screw pack. Soffit adapters are available for use with either the 2923 or the 4023 mullion. Please see Price Book for ordering information.
- The (F)4023 and KR(F)-4023 fire-rated mullion also includes four stabilizer blocks as required for labeled installations.
- Strikes are not furnished with the mullion. Please see page 15 for strike information.
- Mullions may be cut on the job for doors under stock lengths.
- KR Mullions require 1 1/4" mortise cylinders with standard "A" cam.

### Mullion features

- Mullion fittings – ductile iron.
- (F)4023, cylinder removable mullions KR(F)-4023 – 2" x 3" x height.
- 2923 mullion – 1 1/2" x 2 1/2" x height.
- Prime coat only.
- 7' or 8' door opening standard, other door openings as specified.

# Strikes

## For (F) XX-R rim devices (center latching)



**565**

Adjustable surface mounted for use with blade or applied stops.



F570



F490

**F570/F490**

Adjustable strike.



**571/571A**

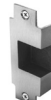
Used on inactive leaf for device on active leaf of pair of doors without removable mullion. 571 keeps 2 7/16" backset. 571A is trimmer and projects less into opening.

## For all mortise lock devices (F) XX-M



**1279**

To ASA dimensions. Closed strike used on single doors and on fire exit hardware doors with coordinator.



**F1280**

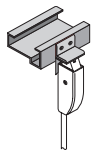
Open back strike used on pairs of 1 3/4" doors without astragal or coordinator. To basic ASA dimensions and can be used on stock hollow metal doors. Use 1280A for 2 1/4" doors. F-1280 B label (1 1/2 hr.) stainless steel strike available.



**4188**

Top strike for (F)XX-C

## For (F) XX surface vertical rod and concealed vertical rod devices



**4215**

Angle bracket for flush transom applications. Does not require elimination of latch retention feature.



**3788**

Standard top of (F) XX-V.



**4155**

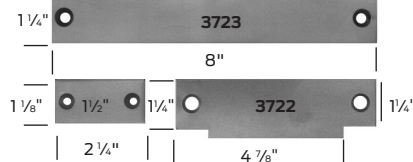
4155 bottom strike for use with (F)XX-V and (F)XX-C



**2130**

(F)XX-V standard bottom strike for grouting into concrete or masonry floors. Also used with (F)XX-C

### Filler plates



### 3721/3722/3723

Steel filler plates  
 3721 Cylindrical lock front filler  
 3722 ASA Strike filler  
 — set no. SC for 161 cutout  
 3723 Mortise lock front filler  
 3722 ASA Strike filler  
 — set no. SM for 86 cutout

## Surface vertical extension rods



Extension rods are available in 12", 24" and 36" lengths in all finishes. Both ends tapped and all-thread included as connector.

## Concealed extension rods



Extension rods are available in 12", 24" and 36". Both ends have pressed-in, threaded inserts.

# Accessories

## Strikes

### Concealed vertical rod



#### PB48

Top strike for 1990 devices.  
Packed with three 0.050" thick shims.  
1 <sup>1</sup>/<sub>16</sub>" square  
7/<sub>16</sub>" projection

### Rim



#### STK45

Strike for inactive leaf,  
pair of doors with  
2090 devices.  
3 <sup>1</sup>/<sub>4</sub>" tall  
1 <sup>5</sup>/<sub>16</sub>" wide  
1/<sub>4</sub>" thick



#### SD35

Strike for 1/<sub>8</sub>" x 1/<sub>2</sub>"  
blade stop, 2090  
device.  
1 <sup>3</sup>/<sub>4</sub>" tall  
1 <sup>3</sup>/<sub>4</sub>" wide  
1/<sub>2</sub>" thick



#### SD36

Strike for all stops,  
2090 device.  
1 <sup>3</sup>/<sub>4</sub>" tall  
1 <sup>3</sup>/<sub>4</sub>" wide  
1/<sub>2</sub>" thick

### Pull



#### 9970

Can be used with all  
devices.  
9 <sup>1</sup>/<sub>4</sub>" center to center  
2 <sup>7</sup>/<sub>8</sub>" projection  
1 <sup>3</sup>/<sub>4</sub>" clearance

## Cylinders

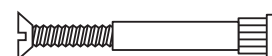
- Cylinders for XX-R and XX-V Series devices with cylinder operation are rim cylinders with either horizontal or vertical tailpiece.
- Cylinders for XX-C and, XX-M and Series devices are mortise cylinders with standard thread (1 <sup>5</sup>/<sub>32</sub>" - 32). The standard cams furnished with most manufacturers mortise cylinders will operate mortise locks, as well as concealed Delta trim operators for XX-C devices. (Cams measure approximately 1" overall and <sup>5</sup>/<sub>16</sub>" wide at tip.) Exception: Concealed C & NL require cam B250-295.
- Cylinder supplied only when specified.
- 1 <sup>1</sup>/<sub>4</sub>" long with standard cam and "G" keyway only.  
On Delta C trim for vertical and concealed vertical C and NL functions 1 <sup>1</sup>/<sub>8</sub>" - 1 <sup>1</sup>/<sub>4</sub>" long cylinder by blocking ring required with cam B250-295.
- Cylinders available keyed and keyed different.
- XX-M devices using 811K, 812L or 816L trim require a 1 <sup>1</sup>/<sub>2</sub>" cylinder.

## Sex Bolts

Sex bolts are available in lengths (under the head) of 12 <sup>1</sup>/<sub>32</sub>". Screws to fit are available in <sup>3</sup>/<sub>4</sub>" and 2" lengths to cover a wide range of door thicknesses.

B-2729 (#10-24 Thread)

B-4122 (1/4-20 Thread)



## Trim designs

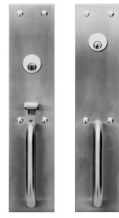
### Vanguard (820)



820 TP 820 NL

Escutcheon:  $2\frac{3}{4}" \times 16\frac{1}{8}"$   
 Grip:  $6\frac{1}{4}"$  C-C  
 Projection:  $2\frac{1}{16}"$   
 Brass, bronze, stainless steel and aluminum

### Apollo (810)



810TP 810NL

Pull:  $5\frac{1}{2}"$  OC  
 Escutcheon:  $3\frac{1}{4}" \times 15"$   
 Projection:  $2\frac{1}{4}"$   
 Brass, bronze, stainless steel and aluminum

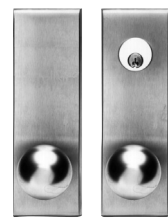
### Athena (815)



815NL 815TP

Grip Overall:  $9\frac{1}{16}"$   
 Width:  $1\frac{5}{8}"$   
 Pull:  $6\frac{1}{4}"$  C-C  
 Projection:  $2\frac{1}{4}"$   
 Brass, bronze, plated and aluminum

### 811K



811K-DT 811K  
811K-BE

Round Ball Knob  
 Escutcheon:  $2\frac{3}{4}" \times 9\frac{3}{4}"$   
 Projection:  $3\frac{3}{8}"$   
 Brass, bronze and stainless steel

### 812L

Dane



L/DT  
L-BE

Dane



700 Series projection:  $2\frac{7}{8}"$   
 800 Series projection:  $2\frac{13}{16}"$

Sutro



700 Series projection:  $3\frac{1}{8}"$   
 800 Series projection:  $3\frac{13}{16}"$

Quantum



700 Series projection:  $3\frac{1}{8}"$   
 800 Series projection:  $3\frac{1}{2}"$

Avalon



700 Series projection:  $3\frac{1}{8}"$   
 800 Series projection:  $3\frac{1}{8}"$

### 816L

Vandal resistant



- Heavy duty, vandal resistant
- Trim operates device even in the "broken" position
- Breaks away in either direction (up or down), no internal shear
- Retrofits all existing Falcon lever or knob trims without additional door prep
- Works with all electric lock and unlock functions
- Works with rim, surface vertical devices and mortise
- Handed

Lever:  $4\frac{5}{8}"$  Escutcheon:  $2\frac{3}{4}" \times 9\frac{3}{4}"$  (specify handing) brass, bronze and stainless finishes.

- Dane, Quantum and Sutro lever trim return to within  $\frac{1}{2}"$  of door.

### 718 Delta (for XX concealed only)



718TP 718DT 718C 718NL

For active trim when locking is not required specify (BE) blank escutcheon.  
 Escutcheon:  $8\frac{1}{8}" \times 1\frac{7}{8}"$   
 Overall length:  $14\frac{1}{16}"$   
 Specify handing

### 717



717DT

Escutcheon:  
 $8\frac{1}{8}" \times 1\frac{7}{8}"$

### 712



\*Dane shown.

712L Control

Escutcheon:  
 $8\frac{1}{8}" \times 1\frac{7}{8}"$

### 711



711K

Escutcheon:  
 $8\frac{1}{8}" \times 1\frac{7}{8}"$   
 Projection:  $3\frac{13}{16}"$

Trim chart

Athena (815)				Vanguard (820)				
Device	DT	NL	TP	DT	NL	TP	TP(BE)	Blank(EO)
XX-R	815	815	815	820	820	820	820	820
XX-V	815	815	815	820	820	820	820	820
XX-M	815	815	815	820	820	820	820	820

Apollo (810)						811K		
Device	DT	NL	TP	TP(BE)	Blank(EO)	K	K/DT	K(BE)
XX-R	810	810	810	810	810	811	811	811
XX-V	810	810	810	810	810	811	811	811
XX-M	810	810	810	810	810	811	811	811

Device	L	L/DT	Sutro L(BE)
XX-R	812	812	812
XX-V	812	812	812
XX-M	812	812	812

Device	L	L/DT	Dane L(BE)
XX-R	812	812	812
XX-V	812	812	812
XX-M	812	812	812

Device	L	L/DT	Quantum L(BE)
XX-R	812	812	812
XX-V	812	812	812
XX-M	812	812	812

Device	L	L/DT	Avalon L(BE)
XX-R	812	812	812
XX-V	812	812	812
XX-M	812	812	812

Device	Sutro L	L/DT	L(BE)
XX-R	816	816	816
XX-V	816	816	816
XX-M	816	816	816

Device	L	L/DT	Dane L(BE)
XX-R	816	816	816
XX-V	816	816	816
XX-M	816	816	816

Device	L	L/DT	Quantum L(BE)
XX-R	816	816	816
XX-V	816	816	816
XX-M	816	816	816

Device	L	L/DT	Avalon L(BE)
XX-R	816	816	816
XX-V	816	816	816
XX-M	816	816	816

Dane				Avalon			Sutro			Quantum		
Device	L	BE	DT	L	BE	DT	L	BE	DT	L	BE	DT
XX-C	712	712	712	712	712	712	712	712	712	712	712	712

Device	TLP	TP	TP-BE	DT	NL	DT	K	K-BE	C
XX-C	719	718	718	718	718	717	711	711	718



# Door application

## Label doors

Falcon models F-XX-R, F-XX-V, F-XX-M, and F-XX-C are labeled for use as <sup>Z</sup>fire exit hardware. UL and Warnock Hersey listed.

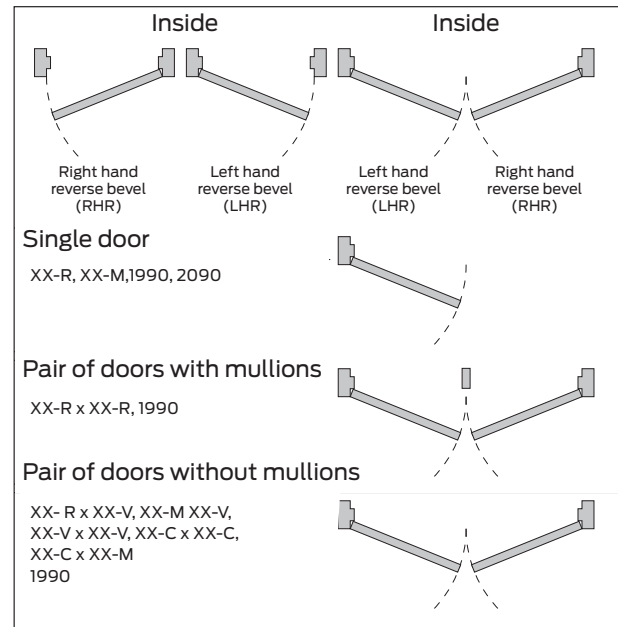
## Door thickness

All devices and components supplied for 1 3/4" doors standard. Specify door thickness if other than 1 3/4".

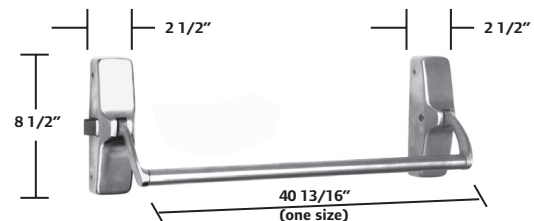
Device	Label	Opening	Application
<b>Hollow metal door</b>			
F-XX-R	3 hr.	4' x 8' 8' x 8'	Single, pair, same egress w/ F-4023 mullion or KR-F4023 mullion (1 1/2 hr.)
F-XX-M	3 hr. "A"	4' x 10' 8' x 10'	Single, pair, same egress F-XX-M x F-XX-V or F-XX-M x F-XX-C
F-XX-V	3 hr. "A"	4' x 10' 8' x 10'	Pair, double egress, same egress F-XX-M x F-XX-V
F-XX-C	3 hr. "A"	4' x 10' 8' x 10'	Pair, double egress, same egress F-XX-M x F-XX-C
F-XX-V-LBR	3 hr. "A"	4' x 8' 8' x 8'	Pair, double egress, same egress
F-XX-C-LBR	3 hr. "A"	4' x 8' 8' x 8'	Pair, double egress, same egress
<b>Wood door</b>			
F-XX-C-WDC	45 min.	4' x 8' 8' x 8'	Pair, wood comp., double egress (steel channel construction)
F-XX-C-WDC	1 1/2 hr. "B"	4' x 8' 8' x 8'	Pair, wood comp., same egress (steel channel construction)
F-XX-C-WDC-LBR	20 min.	4' x 8' 8' x 8'	Pair, wood comp., same/double egress (steel channel construction)
F-XX-V-LBR	20 min.	4' x 8' 8' x 8'	Pair, wood comp., double egress, same egress

U.S. standard	BHMA	Description
US28	628	Anodized aluminum – clear
DC13	710	Anodized aluminium – dark bronze
DC35	711	Anodized aluminum – black
P28	689	Painted aluminum – silver
P13	695	Painted aluminum – dark bronze
P35	622	Painted aluminum – black
US3	666	Bright brass
US4	667	Satin brass
US9	705	Bright bronze
US10	668	Satin bronze
US14	669	Bright nickel
US15	670	Satin nickel
US26	672	Bright chrome
US26D	702	Satin chrome
SP313	695	Sprayed duranodic

## Door application chart



## Device dimensions














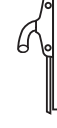






Product information and specifications contained in this catalog are subject to change without notice. Please consult the factory.

Number	BHMA/ANSI function
01	Exit only, no trim
02	Entrance by trim when actuating bar is locked down
03	Entrance by trim when latchbolt is retracted by key; key removable only when locked
04	Entrance by trim when latchbolt is retracted by key or set in a retracted position by key
08	Entrance by knob or lever; key locks or unlocks knob or lever
09	Entrance by knob or lever only when released by keys; key removable only when locked

# Type and functions

## XX Series

These pages list all functions available for the XX series devices. The XX-C devices use Delta trim only. See page 17.

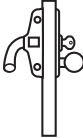
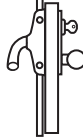

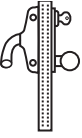

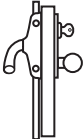

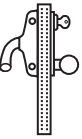

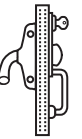
	Rim device ANSI type 1	Vertical rod device ANSI type 2	Mortise lock device ANSI type 3	Concealed vertical rod device ANSI type 8
Functions (ANSI)	(F)-XX-R	(F)-XX-V	(F)-XX-M	(F)-XX-C
<b>EO (01)</b> Exit only, no trim.	 Z XX-R-EO	 Z XX-V-EO	 Z XX-M-EO	 Z XX-C-EO
<b>DT (02)</b> Entrance by trim when actuating bar is locked down. Note: See original catalog.	 Z XX-R-EO	 Z XX-V-EO	 Z XX-M-EO	 Z XX-C-EO
<b>NL (03)</b> Entrance by trim when latchbolt is retracted by key. Key removable only when locked.	 Z XX-R-NL	Furnished upon request Z	 Z XX-M-NL	Furnished upon request Z
<b>TP(05)</b> Entrance by thumbpiece. Key locks or unlocks thumbpiece.	 Z XX-R-TP	 Z XX-V-TP	 Z XX-M-TP	 Z XX-C-TP
<b>TP(NL) (06)</b> Entrance by thumbpiece only when released by key. Key removable only when locked.	 Z XX-R-TP(NL)	 Z XX-V-TP(NL)	 Z XX-M-TP(NL)	 Z XX-C-TP(NL)

Z Fire exit hardware Use "F" prefix for fire exit hardware.

# Type and functions

## XX Series

These pages list all functions available for the XX Series devices. The XX-C devices use Delta trim only. See page 17.

	Rim device ANSI type 1	Vertical rod device ANSI type 2	Mortise lock device ANSI type 3	Concealed vertical rod device ANSI type 8
Functions (ANSI)	(F)-XX-R	(F)-XX-V	(F)-XX-M	(F)-XX-C
<b>L or K (08)</b> Entrance by knob or lever. Key locks or unlocks knob.	 Z XX-R-L/K	 Z XX-V-L/K	 Z XX-M-L/K	 Z XX-C-L/K
<b>L(NL) or K(NL) (09)</b> Entrance by knob or lever only when released by key. Key removable only when locked.	 Z XX-R-L/K(NL)	 Z XX-V-L/K(NL)	 Z XX-M-L/K(NL)	 Z XX-C-L/K(NL)
<b>TLP(NL) or TP(NL) (12)</b> Entrance by control turnpiece only when released by turning key. Key removable only when locked.		 Z XX-V-TL(NL)		 Z XX-C-TL or TLP (NL)

Z Fire exit hardware Use "F" prefix for fire exit hardware.

## XX Series

22 • Falcon • Cross bars

## 1990/2090

		1990	DT	P28	PL*	RHR†
<b>1990</b>	See model numbers on page 12					
<b>2090</b>	See model numbers on page 13					
<b>EO</b>	Exit only					
<b>DT</b>	Dummy trim - 9970 pull					
<b>NL-HBOP</b>	Rim cylinder					
<b>NLHB-P</b>	Rim cylinder with 9970 pull					
<b>P28</b>	<b>P35</b>					
<b>P13</b>	<b>US26D</b>					
<b>HEX</b>	Standard bottomlatch					
<b>RL</b>	Rod bottom latch					
<b>PL</b>	Pullman bottomlatch					
<b>ES</b>	Top latch for use with electric strike					
<b>LBR</b>	Less bottom rods					
<b>RHR</b>	RHR					
<b>LHR</b>	LHR					

Note: Crossbar furnished 41" standard. Extra length crossbar 48" is available.

\* Applies to 1990 only

† Applies to 2090 only

## About Allegion

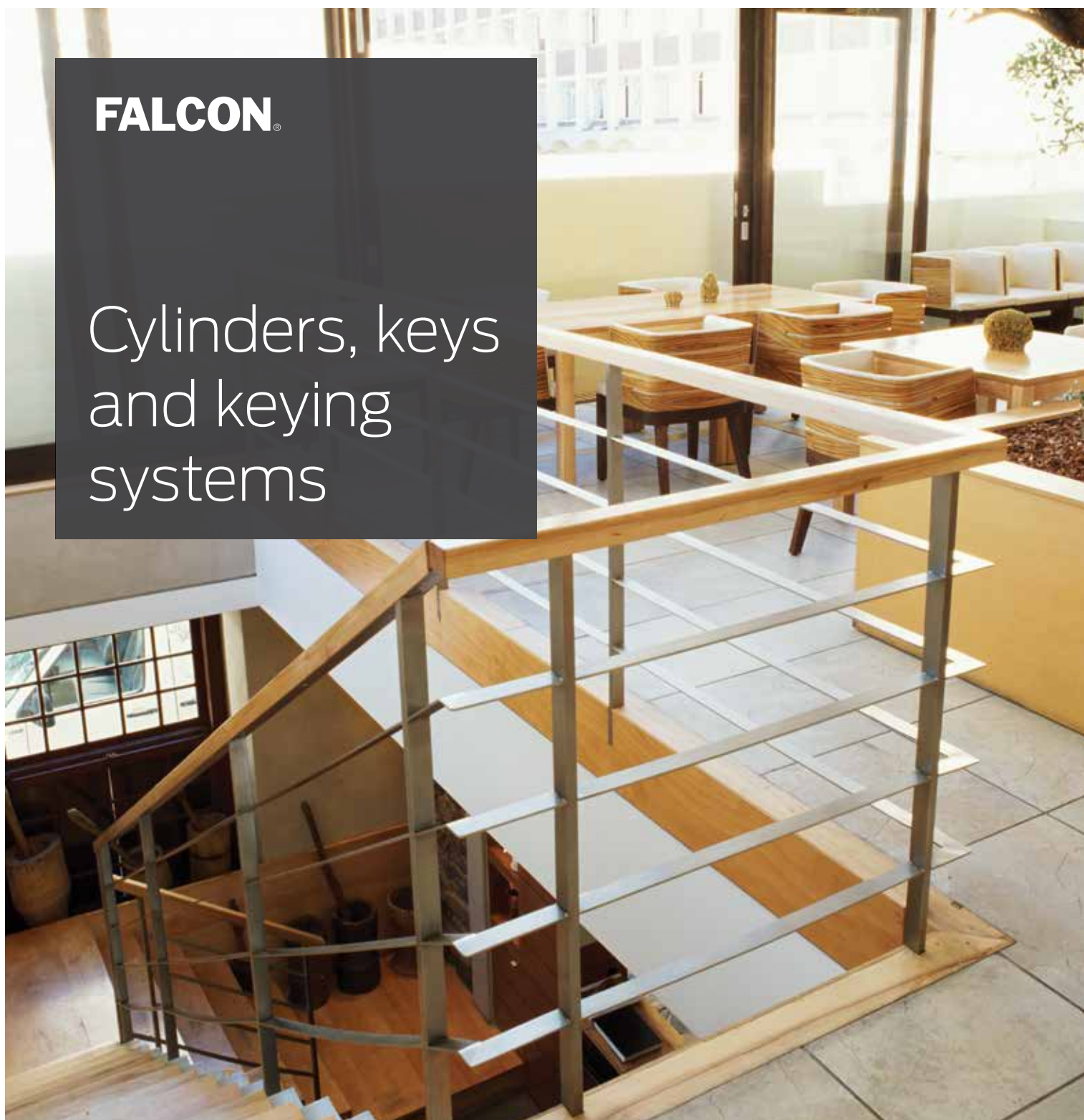
Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries.

For more, visit [www.allegion.com](http://www.allegion.com)

KRYPTONITE ■ LCN ■  ■ STEELCRAFT ■ VON DUPRIN

**FALCON®**

Cylinders, keys  
and keying  
systems





## Contents

4	Key and cylinder marking
5-7	How to specify master keying
8	Keyways and construction keying
9	Standard cylinders - Conventional and auxiliary cylinders
10-12	Standard cylinders - Competitor keyways
13	Standard cylinders - Key blanks and keys
14-15	Standard cylinders - Tailpieces and accessories
16-17	Interchangeable core
18	Interchangeable core - Keys and keyblanks
19-20	Interchangeable core - Tailpieces, construction keying and accessories
21	Mortise cylinders - Mortise, rim and cam lock cylinders
22	Mortise cylinders - Mortise, rim and cam lock housing
23-24	Mortise cylinders - Cams
25-26	Mortise cylinders - Cylinder collars

## The Falcon difference

### Safety, security and uncompromising value

At Falcon, we know that every product you sell not only has to meet local building codes, but also your expectations for performance and quality. We take your expectations seriously, and that's why we build our locks to deliver durability, convenience and unmatched value. After all, we've built our reputation on the same standards that you have – providing quality products at a reasonable price delivered on time. It's the way we do business and it's what makes Falcon locks a powerful choice, no matter what your project.



# Cylinders, keys and keying systems

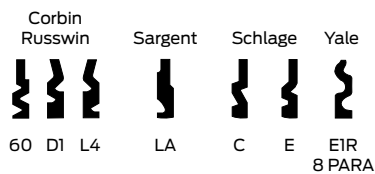
Keys and key control are integral parts of maintaining building security, whether it's during construction or changes in occupancy or use. Falcon offers some of the most versatile and easy to use cylinders and keying systems in the industry. Our interchangeable cores can be removed for quick, easy re-keying and are compatible with SFIC products from other manufacturers. Our multi-level master key program ensures safe, accurate key control. And our full line of mortise cylinders ensures maximum durability, performance and security no matter what the application. Most important, every cylinder, key and keying system we make is backed by one of the best names in the business.

# Keyways and construction keying

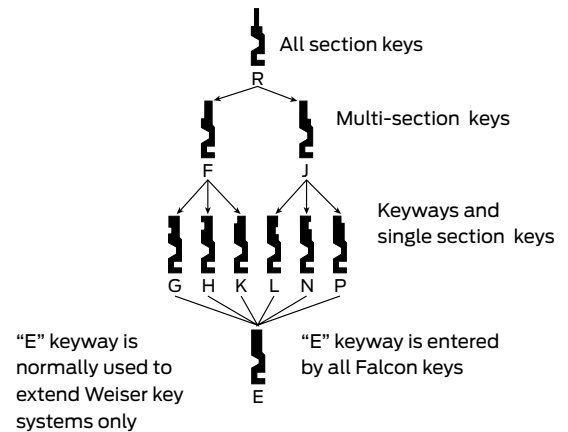
## Keyways

“G” keyway is standard for all Falcon conventional (non-I/C) cylinders and will be supplied unless otherwise specified. The multiple keyway structure shown to the right is used to expand keying systems which require more than one keyway.

Falcon bored locksets are also available with the most common competitors’ keyways shown below. Falcon does not offer master keying of their keyways. D Series deadlocks are limited to “D1”, “L4”, “C”, “E” and “E1R” keyways.



## Falcon multiplex key family



## Construction master keying

Construction master keying is an option for conventional (non-I/C) cylinders and locksets. Cylinders are prepared with a special construction pin at the factory so that the construction master key (CMK) operates all cylinders while the building is under construction.

When construction is complete, turn the top master key in each cylinder. This process moves the special construction pin into a pocket of the cylinder plug, thereby eliminating subsequent operation of the CMK.

To order, specify “(CMK)” after the line item.

Example: 72 each D441 626 1AA - 72AA (CMK)

### Blockokey® system

Falcon’s Blockokey® system is used for extensive master key systems using conventional (non-I/C) cylinders and locksets. Locks are shipped from the factory with a plastic “key block” in the back of every cylinder’s keyway. A shorter 4-pin “Project Key” operates all cylinders while the building is under construction.

When construction is complete, use the special KB536 extractor key (removal tool) to remove the key block from each cylinder, thereby voiding operation of the project key. Blockokey construction keying is available on select keyways. Consult the Falcon master key team for availability.

To order, specify “Blockokey” after the line item.

Example: 72 each D441 626 1AA - 72AA Blockokey

### SKD security caution

Unless otherwise specified, SKD sets will not be construction master keyed. Doing so significantly limits the system’s expansion and decreases the security of the SKD locks.

When construction master keying is required for SKD sets, Falcon recommends issuing the SKDs on a different keyway with their own (separate) CMK. All orders which include SKD sets should specify how the construction keying should be handled.

Orders must include the name and address of the person to whom the construction keys and permanent master and change keys should be sent.

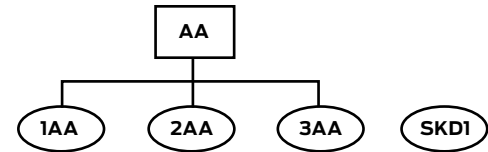
# How to specify master keying

## 2- and 3-Level master keying systems

### To specify a simple master key system (2 levels of keying)

The master key symbol consists of TWO letters, such as AA.  
The change key numbers are added to the master key letters.  
The numbers come first: 1AA, 2AA, 3AA, etc.

When locks are required which are not operated by the master key or other change keys in the system, they are referred to as “single keyed” and given symbols SKD1, SKD2, etc. When all higher levels of master keys are to be disallowed, suffix (NMK) to the symbol of the key which is to operate. This means “not master keyed.” Cylinder 1AA(NMK) is operated by 1AA only. The AA master is blocked from operation.



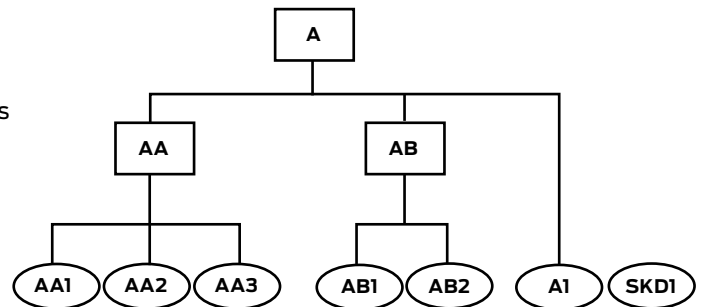
### To specify a grand master key system (3 levels of keying)

The grand master is assigned any ONE letter, such as A. The master keys under this grand are assigned TWO letters, the first of which must be the same as the grand: AA, AB, AC, etc. are all masters under grand A. Masters BA, BB, BC, etc. are all under grand B. Caution: Do not use the letters I or O because of possible confusion with the numerals 1 and 0, respectively. Also, do not use master key symbols CK, KD or KA. Change key numbers come after the letters.

For master keys beyond AZ, insert a number between the letters to designate which pass through the alphabet they represent. A2A through A2Z represents the second pass of masters under grand A. A3A through A3Z would be the third. Change keys under these masters have the numbers suffixed in the usual way: A2A1, A2A50, etc.

If the cylinder is to be operated by its change key and nothing lower than the single lettered GMK, the change number is added to the GMK symbol. This is illustrated by the example A1 in the schematic shown. When locks are required which are not operated by ANY master keys or other change keys in the system, they are referred to as “single keyed” and given symbols SKD1, SKD2, etc.

When all higher levels of master keys are to be disallowed, suffix (NMK) to the symbol of the key which is to operate. This means “not master keyed” and can be applied to any level in the system. Cylinder AA1 (NMK) is operated by AA1 only. The AA master and A grand are blocked from operation. Cylinder AA (NMK) would be operated by the AA master only. Grand A does not operate.



# How to specify master keying

(continued)

## 4-Level master keying systems

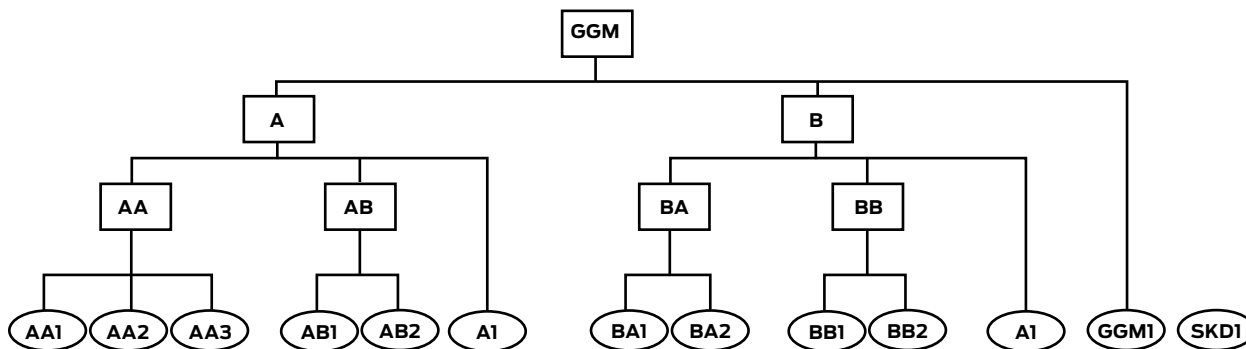
### To specify a great grand master key system (4 levels of keying)

The great grand master key is assigned the symbol GGM. The rest of the symbols are the same as those in 3-level systems. The GMKs are assigned single letters, e.g. A, B, C, D, etc. Caution: Never use X for a grand master key due to the confusion which will result with cross keying symbols presented on the next page.

Masters under each GMK are assigned two letters, the first of which is the same as its respective grand master key. Change key numbers come after the letters. Changes under the grand (A1, B1, etc.) and masters beyond AZ are handled exactly as in the 3 level system already described. Changes directly under a grand are also handled as illustrated in the 3-level system. For changes directly under the GGM with no

intermediate level masters, the change number is added directly to GGM as shown by the example GGM1 in the schematic. When locks are required which are not operated by ANY master keys or other change keys in the system, they are referred to as "single keyed" and given symbols SKD1, SKD2, etc.

When all higher levels of master keys are to be disallowed, suffix (NMK) to the symbol of the key which is to operate. This means "not master keyed" and can be applied to any level in the system. Cylinder AA1(NMK) is operated by AA1 only. The AA master, A grand and GGM are all blocked from operation. Cylinder AA(NMK) is operated by the AA master only. Grand A and the GGM do not operate. Cylinder A(NMK) would be operated by the A grand only, without the GGM.



### Selective master keys

It is often useful in large keying systems to issue a high level master key to maintenance personnel which allows access across all master and grand master key boundaries of a keying system. A selective master key is usually very close to the system's top master key, both physically and through its realm of access. Nevertheless, it must be blocked from operating in many areas.

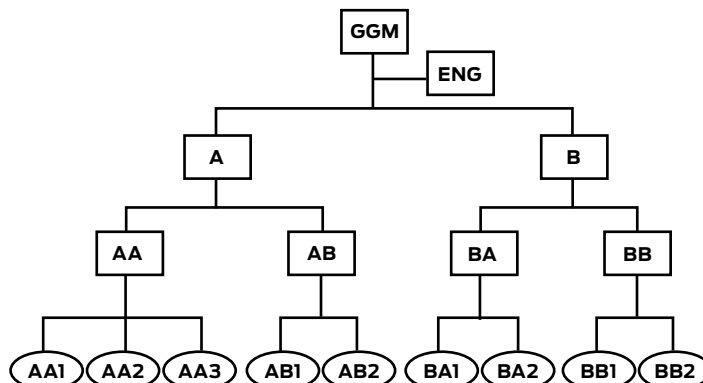
To designate that a lock be operated by a selective master key, suffix the symbol in parentheses to the standard symbol. Example: AA1 (ENG). This must be added every time the selective key is to operate and left off whenever the selective key is NOT to operate. For instance, you may lay out a system in which key AA1 is to operate two different offices. Inside one of them is an electrical cabinet which must be accessible to maintenance personnel carrying the ENG key. That lock must be specified as AA1 (ENG) while the lock for the other office must be specified as AA1. Change keys directly under the selective key, such as ENG1, are operated by all higher level keys, such as GGM.

Like cross keying, a selective master key is a convenience feature which decreases the security of the cylinders it operates and limits the expansion and flexibility of the overall keying system.

#### The most common names and symbols for selective master keys

ENG=Engineer's key  
JAN=Janitor's key  
GRD=Guard's key

ATT=Attendant's key  
HKP=Housekeeper's key  
MAIN=Maintenance key



# How to specify master keying

(continued)

## Cross keying

### Convenience may reduce cylinder security and hinder system expansion

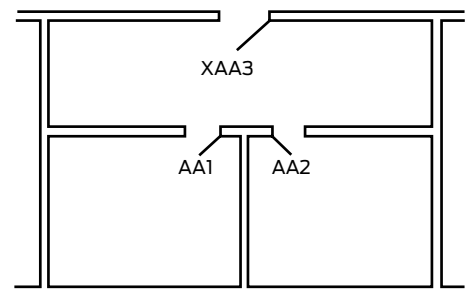
Whenever two or more different keys such as AA1 and AA2 are both required to operate the same cylinder, the cylinder's security is reduced. This is called cross keying. When the cross keying occurs under all the same higher level keys, such as AA1 and AA2, it is known as controlled cross keying. When it combines keys under different higher level keys, such as AA1 and AB1, it is known as uncontrolled cross keying.

In addition to reducing the security of the cylinder, cross keying usually imposes limits on the flexibility and expansion of the overall keying system. This is especially true of uncontrolled cross keying. For these reasons, it is strongly recommended to allow personnel to carry more than one key. Cross keying should be discouraged whenever possible. However, when cross keying is required, it is specified as follows, and should be summarized at the beginning of each order.

### Case #1

Cylinder requires its own change key. The illustration depicts part of a small medical building where two doctors share a common reception area. The receptionist gets the XAA3 key. Each doctor carries a key which operates only one office, but is also cross keyed into the entrance from the corridor.

Determine the symbol of the change key (example: AA3). Then prefix the letter X (example: XAA3). Then list all keys which are to operate in an "operated by..." phrase. Example. "XAA3 operated by AA1, AA2, AA and A". Note that X is a cylinder specification only. The keys for cylinder XAA3 are designated AA3.

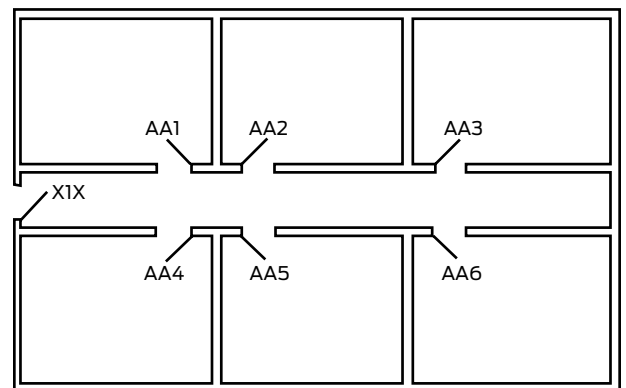


XAA3 Operated by AA1, AA2, AA and A

### Case #2

A cylinder does NOT require its own change key. This illustration depicts a section of a floor in a dormitory. Each student's bedroom key operates the hall door lock. There is no need to construct a key which operates only the hall door.

In this case, place an X at both the beginning and end of the symbol and a number between them. Example: X1X, X2X, etc. Again, always include the "operated by..." phrase with a complete listing of key symbols to operate.

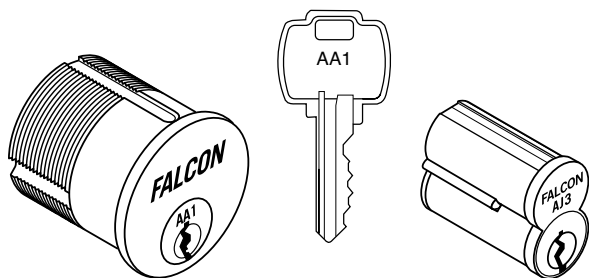


X1X Operated by AA1 through AA6, AA and A



# Key and cylinder marking

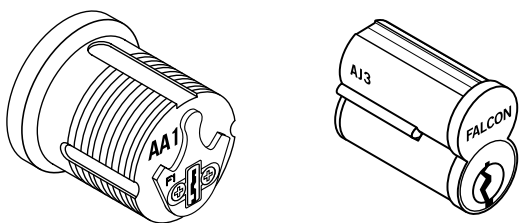
With these options, keys and/or cylinders are stamped with the key symbol (code). This tells how the cylinder is keyed, eliminating trial and error. Lock mix-ups during installation or key mix-ups afterward are less likely to happen - and easier to straighten out if they do. For example, the symbol AA1 shown in the illustration identifies the lock to be operated by grand master key A, master key AA and change key AA1. Upon written authorization from the building owner to an authorized Falcon distributor, a bitting list can be furnished for each job to translate the symbols into key bittings. If a key is lost, a replacement key can be ordered by number from the Falcon distributor.



## Visual key control (VKC)

### For greater convenience

The key symbol is stamped on the plug face or other visible portion of the front of the cylinder. This makes identification fast and convenient. The disadvantage is that stolen or lost keys can be easily matched to the locks they operate. Also, restamping cylinders when they are rekeyed results in damage to the finish.



## Concealed key control (CKC)

### For greater security

For greater security, specify CKC on the cylinders. The key symbol is stamped in a concealed location, such as the rear of the cylinder or the side of an interchangeable core. It is not visible to the general occupants of the building but can be accessed by authorized personnel upon removal of the cylinder or core.

# Standard cylinders

## Conventional and auxiliary cylinders

### Key-in-knob and lever cylinders

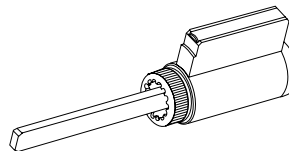
Regular function knobs and levers lockset	Pins	Cylinder
B except 611 function	5-pin	A23155-02
B except 611 function	6-pin	A23165-02
B611	5-pin	A23151-06
B611	6-pin	A23161-06
T381 Inside	5-pin	A23151-06
T381 Inside	6-pin	A23161-06
T381 Inside	7-pin	A23171-06
T571	5-pin	A23151-07
T571	6-pin	A23161-07
T571	7-pin	A23171-07
T all other functions	5-pin	A23151-05
T all other functions	6-pin	A23161-05
T all other functions	7-pin	A23171-05
W except 561 function (lever)	6-pin	Q330-154
W561 (lever)	6-pin	Q330-155
W except 561 function knob	6-pin	Q330-238
W561 (knob)	6-pin	Q330-246
X 561 -E and T designs	5-pin	A23151-00
X 561 -E and T designs	6-pin	A23161-00
X 411, 501, 511, 521, 581-E and T designs	5-pin	A23152-00
X 411, 501, 511, 521, 581-E and T designs	6-pin	A23162-00
X 411, 501, 511, 521, 581-H designs	5-pin	A23152-02
X 411, 501, 511, 521, 581-H designs	6-pin	A23162-02
X 411, 501, 511, 521, 581-H designs	7-pin	A23172-02
X 561-H designs	5-pin	A23151-02
X 561-H designs	6-pin	A23161-02
X 571-E and T designs	5-pin	A23151-02
X 571-E and T designs	6-pin	A23161-02
X 571-H designs	5-pin	A23151-03
X 571-H designs	6-pin	A23161-03
X 571-H designs	7-pin	A23171-02
X561-H designs	7-pin	A23171-01
Y all functions	5-pin	A23155-00
Y all functions	6-pin	A23165-00

### Auxiliary lock cylinders

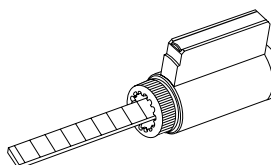
Deadlock lazy tailpieces lockset	Pins	Cylinder
D111, D141	5-pin	Q500-064
D121	5-pin	Q500-066
D131	5-pin	Q500-070
D111, D141	6-pin	Q500-021
D121	6-pin	Q500-058
D131	6-pin	Q500-054
D111, D141	7-pin	Q500-046
D121	7-pin	Q500-059
D211, D241	5-pin	Q500-067
D221	5-pin	Q500-069
D231	5-pin	Q500-072
D211, D241	6-pin	Q500-010
D221	6-pin	Q500-056
D231	6-pin	Q500-012
D211, D241	7-pin	Q500-014
D221	7-pin	Q500-057
Padlock	5-pin	A23151-01
Padlock	6-pin	A23161-01
Padlock	7-pin	A23171-00

### "H" Series cylinder

Function	Pins	Cylinder
H 511 knobs	5-pin	A30040-00
H 511 knobs	6-pin	A30040-01
H all other functions and designs	5-pin	A30028-00
H all other functions and designs	6-pin	A30028-01



Specify keyway.  
Specify finishes: 606, 626



**Sliding door cylinder**  
For use in Adams Rite 4024 and 4026 cylinder pulls typically used in patio doors.

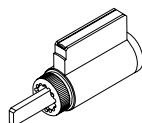
**950:** Specify 5, 6, or 7-pin

Note: Specify finish: 606, 626

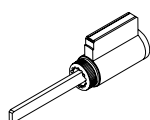
# Standard cylinders

## Competitor keyways

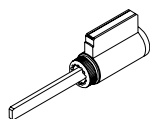
T Series	Cylinders
Corbin 60 O-bitted	A23167-011
Corbin 60 KD	A23167-11D
Corbin Russwin L4 O-bitted	A23174-011
Corbin Russwin L4 KA4	A23174-11A
Russwin D1 O-bitted	A23168-011
Russwin D1 KD	A23168-11D
Sargent LA O-bitted	A23166-011
Sargent LA KD	A23166-11D
Schlage C O-bitted	A23160-011
Schlage C KA4	A23160-11A
Schlage C KD	A23160-11D
Schlage E O-bitted	A23159-011
Yale E1R (8) Para O-bitted	A23169-011
Yale E1R (8) Para KD	A23169-11D
Corbin 60 O-bitted	A23167-012
Corbin 60 KD	A23167-12D
Corbin Russwin L4 O-bitted	A23174-012
Russwin D1 O-bitted	A23168-012
Russwin D1 KD	A23168-12D
Sargent LA O-bitted	A23166-012
Sargent LA KD	A23166-12D
Schlage C O-bitted	A23160-012
Schlage C KA4	A23160-12A
Schlage C KD	A23160-12D
Schlage E O-bitted	A23159-012
Yale E1R (8) Para O-bitted	A23169-012
Yale E1R (8) Para KD	A23169-12D
Corbin 60 O-bitted	A23167-000
Corbin 60 KD	A23167-0KD
Corbin Russwin L4 O-bitted	A23174-000
Russwin D1 O-bitted	A23168-000
Russwin D1 KD	A23168-0KD
Sargent LA O-bitted	A23166-000
Sargent LA KD	A23166-0KD
Schlage C O-bitted	A23160-000
Schlage C KA4	A23160-0KA
Schlage C KD	A23160-0KD
Schlage E O-bitted	A23159-000
Yale E1R (8) Para O-bitted	A23169-000
Yale E1R (8) Para KD	A23169-0KD



**T381 Inside**

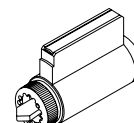


**T571**

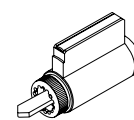


**T Series**  
All other functions

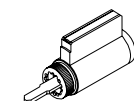
X Series	Cylinders
Corbin 60 O-bitted	A23167-001
Corbin 60 KD	A23167-1KD
Corbin Russwin L4 O-bitted	A23174-001
Russwin D1 O-bitted	A23168-001
Russwin D1 KD	A23168-1KD
Sargent LA O-bitted	A23166-001
Sargent LA KD	A23166-1KD
Schlage C O-bitted	A23160-001
Schlage C KA4	A23160-1KA
Schlage C KD	A23160-1KD
Schlage E O-bitted	A23159-001
Yale E1R (8) Para O-bitted	A23169-001
Yale E1R (8) Para KD	A23169-1KD
Corbin 60 O-bitted	A23167-005
Corbin 60 KD	A23167-5KD
Corbin Russwin L4 O-bitted	A23174-005
Russwin D1 O-bitted	A23168-005
Russwin D1 KD	A23168-5KD
Sargent LA O-bitted	A23166-005
Sargent LA KD	A23166-5KD
Schlage C O-bitted	A23160-005
Schlage C KA4	A23160-5KA
Schlage C KD	A23160-5KD
Schlage E O-bitted	A23159-005
Yale E1R (8) Para O-bitted	A23169-005
Yale E1R (8) Para KD	A23169-5KD
Corbin 60 O-bitted	A23167-006
Corbin 60 KD	A23167-6KD
Corbin Russwin L4 O-bitted	A23174-006
Russwin D1 O-bitted	A23168-006
Russwin D1 KD	A23168-6KD
Sargent LA O-bitted	A23166-006
Sargent LA KD	A23166-6KD
Schlage C O-bitted	A23160-006
Schlage C KA4	A23160-6KA
Schlage C KD	A23160-6KD
Schlage E O-bitted	A23159-006
Yale E1R (8) Para O-bitted	A23169-006
Yale E1R (8) Para KD	A23169-6KD
Corbin 60 O-bitted	A23167-003
Corbin 60 KD	A23167-3KD
Corbin Russwin L4 O-bitted	A23174-003
Russwin D1 O-bitted	A23168-003



**561**  
Elite and Troy



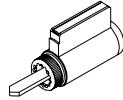
**411, 501, 511, 521, 581**  
Elite and Troy



**X411, 501, 511, 521, 581**  
Hana

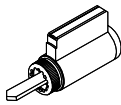


<b>X Series (continued)</b>	<b>Cylinders</b>
Russwin D1 KD	A23168-3KD
Sargent LA O-bitted	A23166-003
Sargent LA KD	A23166-3KD
Schlage C O-bitted	A23160-003
Schlage C KA4	A23160-3KA
Schlage C KD	A23160-3KD
Schlage E O-bitted	A23159-003
Yale E1R (8) Para O-bitted	A23169-003
Yale E1R (8) Para KD	A23169-3KD
Corbin 60 O-bitted	A23167-004
Corbin 60 KD	A23167-4KD
Corbin Russwin L4 O-bitted	A23174-004
Russwin D1 O-bitted	A23168-004
Russwin D1 KD	A23168-4KD
Sargent LA O-bitted	A23166-004
Sargent LA KD	A23166-4KD
Schlage C O-bitted	A23160-004
Schlage C KA4	A23160-4KA
Schlage C KD	A23160-4KD
Schlage E O-bitted	A23159-004
Yale E1R (8) Para O-bitted	A23169-004
Yale E1R (8) Para KD	A23169-4KD



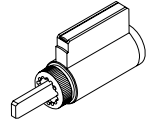
**X571**  
Elite and Troy

**X561**  
Hana

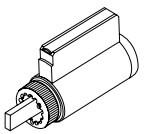


**X571**  
Hana

<b>B Series</b>	<b>Cylinders</b>
Corbin 60 O-bitted	A23167-011
Corbin 60 KD	A23167-11D
Corbin Russwin L4 O-bitted	A23174-011
Russwin D1 O-bitted	A23168-011
Russwin D1 KD	A23168-11D
Sargent LA O-bitted	A23166-011
Sargent LA KD	A23166-11D
Schlage C O-bitted	A23160-011
Schlage C KA4	A23160-11A
Schlage C KD	A23160-11D
Schlage E O-bitted	A23159-011
Yale E1R (8) Para O-bitted	A23169-011
Yale E1R (8) Para KD	A23169-11D
Corbin 60 O-bitted	A23167-013
Corbin 60 KD	A23167-13D
Corbin Russwin L4 O-bitted	A23174-013
Russwin D1 O-bitted	A23168-013
Russwin D1 KD	A23168-13D
Sargent LA O-bitted	A23166-013
Sargent LA KD	A23166-13D
Schlage C O-bitted	A23160-013
Schlage C KA4	A23160-13A
Schlage C KD	A23160-13D
Schlage E O-bitted	A23159-013
Yale E1R (8) Para O-bitted	A23169-013
Yale E1R (8) Para KD	A23169-13D



**B611**



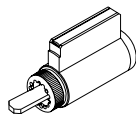
**B Series**  
All other  
functions

Specify cylinder number, keyway and finish when ordering.

# Standard cylinders

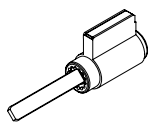
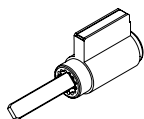
## Competitor keyways (continued)

Y Series	Cylinders
Corbin 60 O-bitted	A23167-008
Corbin 60 KD	A23167-8KD
Corbin Russwin L4 O-bitted	A23174-008
Russwin D1 O-bitted	A23168-008
Russwin D1 KD	A23168-8KD
Sargent LA O-bitted	A23166-008
Sargent LA KD	A23166-8KD
Schlage C O-bitted	A23160-008
Schlage C KA4	A23160-8KA
Schlage C KD	A23160-8KD
Schlage E O-bitted	A23159-008
Yale E1R (8) Para O-bitted	A23169-008
Yale E1R (8) Para KD	A23169-8KD

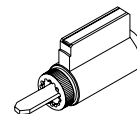


**Y Series**  
All functions  
and designs

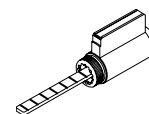
D Series	Cylinders
Corbin Russwin L4 O-bitted	Q033-079
Russwin D1 O-Bitted	Q033-074
Russwin D1 KD	Q033-074
Schlage C O-bitted	Q033-071
Schlage C KA4	Q033-071
Schlage C KD	Q033-071
Schlage E O-bitted	Q033-068
Yale E1R (8) Para KD	Q033-076
Corbin Russwin L4 O-bitted	Q033-078
Russwin D1 O-bitted	Q033-073
Russwin D1 KD	Q033-073
Schlage E O-bitted	Q033-067
Corbin 60 O-bitted	Q033-077
Corbin 60 KD	Q033-077
Russwin D1 O-bitted	Q033-072
Russwin D1 KD	Q033-072
Schlage C O-bitted	Q033-070
Schlage C KA4	Q033-070
Schlage C KD	Q033-070
Schlage C O-bitted	Q033-069
Schlage C KA4	Q033-069
Schlage C KD	Q033-069
Yale E1R (8) Para KD	Q033-075



H Series	Cylinders
Corbin 60 O-bitted	A23167-007
Corbin 60 KD	A23167-7KD
Corbin Russwin L4 O-bitted	A23174-007
Russwin D1 O-bitted	A23168-007
Russwin D1 KD	A23168-7KD
Sargent LA O-bitted	A23166-007
Sargent LA KD	A23166-7KD
Schlage C O-bitted	A23160-007
Schlage C KA4	A23160-7KA
Schlage C KD	A23160-7KD
Schlage E O-bitted	A23159-007
Yale E1R (8) Para O-bitted	A23169-007
Yale E1R (8) Para KD	A23169-7KD
Corbin 60 O-bitted	A23167-010
Corbin 60 KD	A23167-10D
Corbin Russwin L4 O-bitted	A23174-010
Russwin D1 O-bitted	A23168-010
Russwin D1 KD	A23168-10D
Sargent LA O-bitted	A23166-010
Sargent LA KD	A23166-10D
Schlage C O-bitted	A23160-010
Schlage C KA4	A23160-10A
Schlage C KD	A23160-10D
Schlage E O-bitted	A23159-010
Yale E1R (8) Para O-bitted	A23169-010
Yale E1R (8) Para KD	A23169-10D

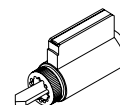


**H 511**  
All knobs



**H Series**  
deadbolt

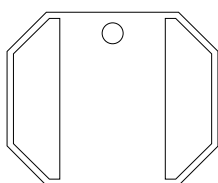
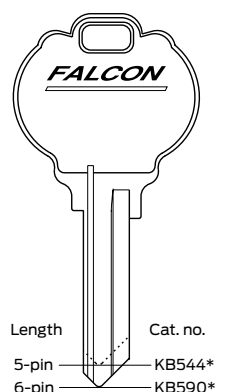
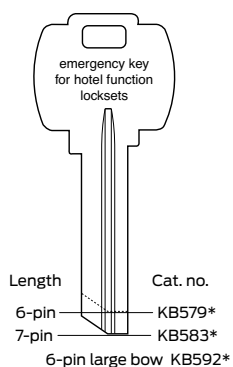
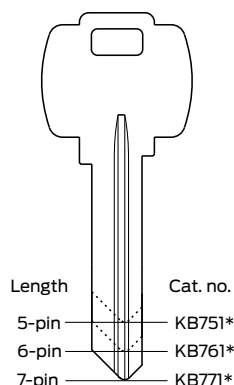
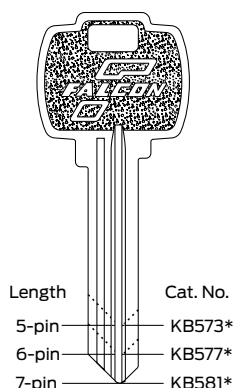
Padlocks	Cylinders
Corbin 60 O-bitted	A23167-002
Corbin 60 KD	A23167-2KD
Corbin Russwin L4 O-bitted	A23174-002
Russwin D1 O-bitted	A23168-002
Russwin D1 KD	A23168-2KD
Sargent LA O-bitted	A23166-002
Sargent LA KD	A23166-2KD
Schlage C O-bitted	A23160-002
Schlage C KA4	A23160-2KA
Schlage C KD	A23160-2KD
Schlage E O-bitted	A23159-002
Yale E1R (8) Yale Para O-bitted	A23169-002
Yale E1R (8) Yale Para KD	A23169-2KD



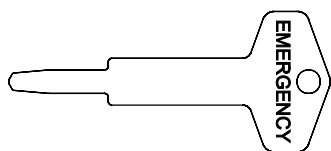
Padlocks

# Standard cylinders

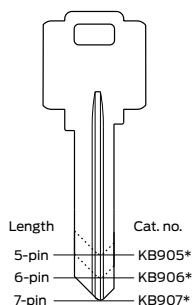
## Key blanks and keys



**Access bow**  
2" access bow is made of blue plastic and meets requirements of Title 24 of the California Code for Handicapped.



**Emergency tool**  
012727-000-30 for Mortise privacy locks M301, M311, M321



**Access key blank**  
After cutting, press into blue plastic bow shown above. Order blanks and bows separately.

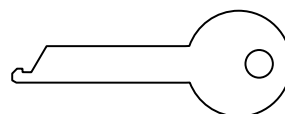
### Key blanks (multiples of 50 except where noted)

Description	Standard	Plain both sides
5-pin standard	KB573*	KB751*
6-pin standard	KB577*	KB761*
7-pin standard	KB581*	KB771*
5-pin large bow (25/box)	KB544*	—
6-pin large bow (25/box)	KB590*	—
6-pin emergency MK	KB579*	—
7-pin emergency MK	KB583*	—
6-pin EMK, large bow (25/box)	KB592*	—
5-pin blade for access bow	KB573-1*	—
6-pin blade for access bow	KB577-1*	—
7-pin blade for access bow	KB581-1*	—
6-pin Schlage C blank	Q330-215	—
Plastic access bow only	001911-001-70	—
Blockokey® construction key	KB525	—

\* Suffix key section to catalog number. Example: KB573G

### Cut keys

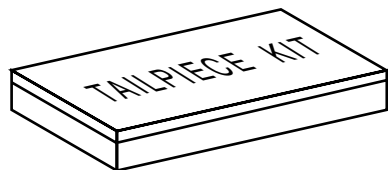
Description	Standard	Plain both sides
5-pin	KB574	KB794
6-pin	KB578	KB797
7-pin	KB582	KB799
Large bow 5-pin	KB545	—
Large bow 6-pin	KB591	—
5-pin construction MK	KB565	—
6-pin construction MK	KB566	—
7-pin construction MK	KB567	—
6-pin emergency MK	KB580	—
7-pin emergency MK	KB584	—
6-pin EMK, large bow	KB593	—
Handicap bow 5-pin	KB905	—
Handicap bow 6-pin	KB906	—
Handicap bow 7-pin	KB907	—
6-pin Schlage C	330055	—
6-pin Schlage split key	Q330-276	—
Blockokey® construction key	KB531	—



**KB536**  
Removal tool for Blockokey construction keying key block.

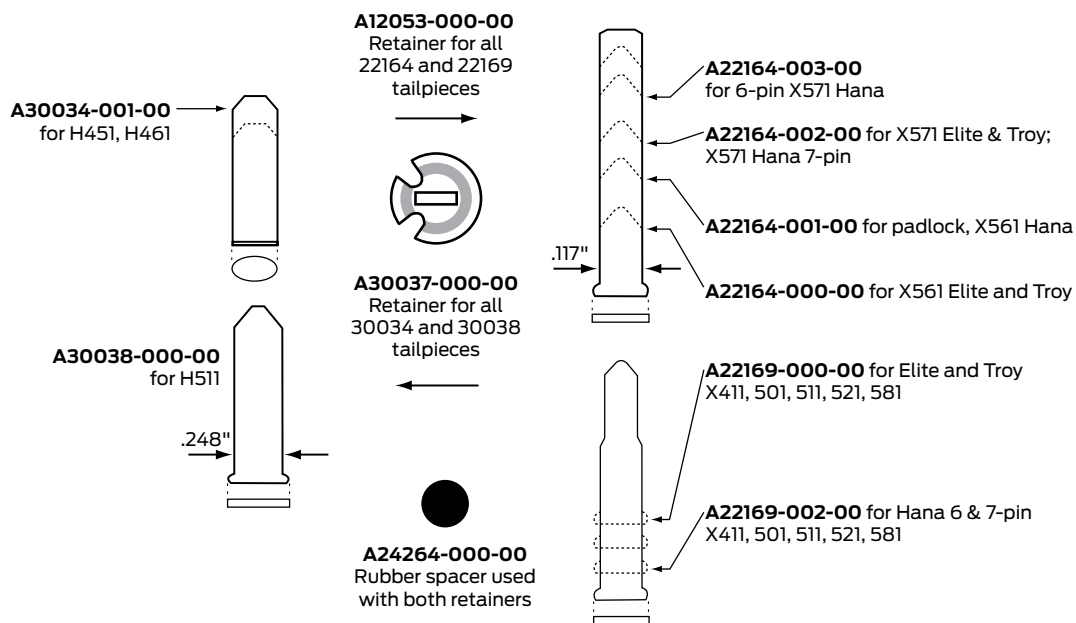
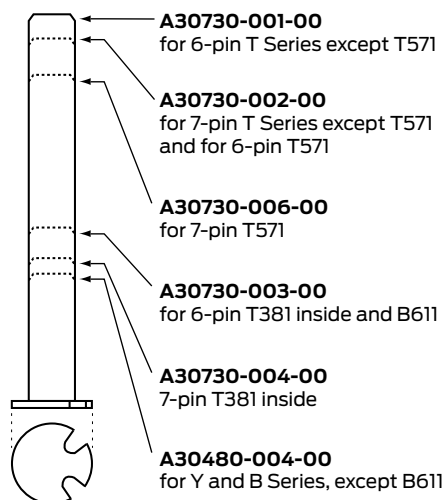
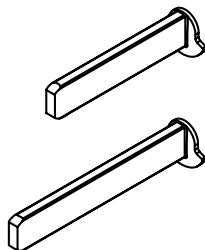
# Standard cylinders

## Tailpieces



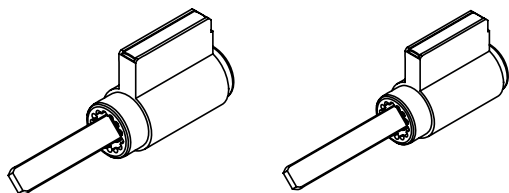
### Kit 1389

Contains cap tool and most parts on this page, except hotel function and 7-pin tailpieces



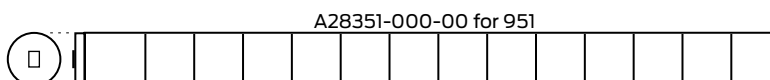
## D Series lazy tailpiece, standard cylinder

For 7-pin applications, break tailpiece to next shorter length.



## Rim cylinder tailpieces

With 008355  
Retainer



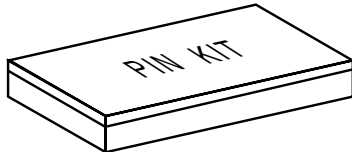
# Standard cylinders

## Accessories

### Service equipment and supplies

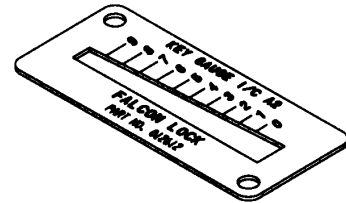
#### Pin kits

- |      |  |
|------|--|
| 1418 | Standard<br>(includes key gauge, follower and cylinder cap tool)           |
| 1417 | Restricted keyways<br>(includes key gauge, follower and cylinder cap tool) |



#### Key gauge

- |               |                                       |
|---------------|---------------------------------------|
| 030113-000-60 | Standard keyways<br>.018" increment   |
| 042613-000-60 | Restricted keyways<br>.025" increment |



### Kit refills: pins and springs

- |               |                                   |
|---------------|-----------------------------------|
| A08553-00-00  | Bottom pins for standard keyways* |
| A08580-00-00  | Master pins for standard keyways* |
| A08552-000-00 | Top pins, 100-pack                |
| A08554-000-00 | Tumbler springs, 100-pack         |

\*sizes 2 thru 9, 100-pack

### Miscellaneous cylinder parts

- |               |   |
|---------------|---|
| A02750-000-00 | Cam screw 100-pack  |
| 031100-000-30 | Hex nut for cam lock and mortise cylinders                          |
| 012162-000-10 | Cylinder cap for Falcon keyway cylinders only.                      |
| A12165-000-00 | Cap retaining pin for Falcon keyway cylinders only, 10-pack         |
| A12166-000-00 | Spring for retaining pin for Falcon keyway cylinders only, 100-pack |

### Other service equipment

- |      |                           |
|------|---------------------------|
| 1416 | Cylinder cap tool - steel |
| 1421 | Plug follower             |

# Interchangeable core

## Advantages

Interchangeable core (I/C) offers maximum flexibility to the building owner. Whenever a key is lost or stolen, locks can be rekeyed quickly by non-locksmit personnel. All it takes is the special "control" key. This key is used to remove and install all cores in the system. Just go to the door, remove the old core and install the new one with the control key. Security is regained in seconds!

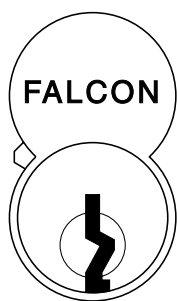
Falcon's interchangeable cores and I/C locksets are compatible with other small format interchangeable core (SFIC) products, such as Best and Arrow. Use our locks with their cores and vice versa. In most cases Falcon can even furnish cores master keyed into your existing Best or Arrow key system. Just include a copy of your existing biting list with the order.

### Construction cores

Interchangeable core jobs requiring construction keying are furnished with temporary cores which are keyed alike to a combination unrelated to the permanent system's master key. When the building is turned over to the owner, the permanent cores are installed and the construction cores are returned to Falcon Lock for credit. Orders must include the name and address of the person to whom the construction keys and permanent master and change keys should be sent.



## Interchangeable core keyways



The "A" keyway is standard for I/C products and will be supplied unless otherwise specified. Falcon keyways shown here are equivalent to Best and Arrow I/C keyways of the same names.



Consult factory for restricted keyways not listed here.

When ordering locks or cores master keyed into existing Best, Arrow or other compatible I/C systems, a copy of the biting list for the existing system is required with the order.

## A2, A3 and A4 Systems

Falcon master keying uses the A2 System (depths 0-9) standard. We can provide cores into competitors' A4 (depths 0-5) key systems but we generate new A4 systems solely at the discretion of our Key Systems Department. We do not support the A3 System (Depths 0-6). However, any Falcon core can be combined to A3 specs in the field.

# Interchangeable core

(continued)

## Cores

**Description:** Uncombined cores are supplied without pins, springs or keys. May be keyed into A2, A3 and A4 Systems in the field. Combined cores are keyed and ready to install, and are furnished with two change keys each. A2 System standard, A4 special. See page 20 for details.

**Packaging:** Uncombined cores are packed 20 per box.

**Finishes:** Standard: 606 and 626.

**Special Order:** 605, 613 and 625.

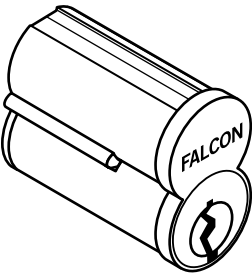
**Logo:** Standard - Cores and keys are supplied with the Falcon logo.

**Optional:** Combined cores ordered without logo are furnished with plain (non-embossed) keys.

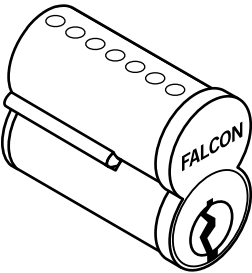
### Interchangeable core

Available with Falcon style spring cover (shown) or Best® style individual pin chamber caps. See table for product numbers.

Standard cores use a single spring cover to seal pin chambers.



With Best® style capping, each pin chamber is sealed with its own individual cap.



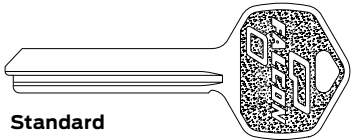
### Regular core (suffix keyway to number)

	Uncombined		Combined	
	6-pin	7-pin	6-pin	7-pin
Standard	C646	C647	C606	C607
Best® style capping	CB846	CB847	CB806	CB807
No logo	C648	C649	C608	C609
No logo, Best® capping	CB848	CB849	CB808	CB809

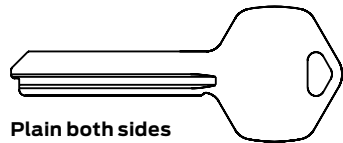
Note: Specify core number, keyway and finish when ordering.

# Interchangeable core

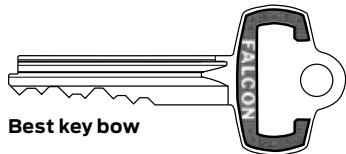
## Keys and key blanks



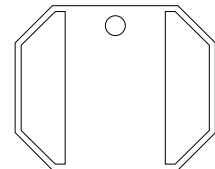
Standard



Plain both sides  
(non-embossed)



Best key bow



Access bow  
2" access bow is made of blue plastic and meets requirements of Title 24 of The California Code for Handicapped.

### Key Blanks (suffix key section)

Description	Standard	Plain both sides
Standard	KB628*	KB718*
Best style	KB800	KB801
Stamped CONTROL	KB608*	KB744*
MA Series EMERGENCY	KB737*	KB748*
Best style MA Series EMERGENCY	KB804	KB805
Blade for 2" access bow	KB633*	n/a
Plastic access bow only	001911-001-70	n/a

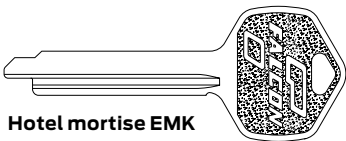
### Cut key (suffix keyway)

Description	Standard 6-pin	7-pin	Plain both sides 6-pin	7-pin
Standard	KB632-1	KB632-2	KB673-1	KB673-2
Best Style	KB807-1	KB807-2	KB809-1	KB809-2
CONTROL	KB609-1	KB609-2	KB778-1	KB778-2
Best Style CONTROL	KB811-1	KB811-2	KB813-1	KB813-2
MA Series EMERGENCY	KB738-1	KB738-2	KB779-1	KB779-2
Best Style MA Series EMERGENCY	KB814-1	KB814-2	KB817-1	KB817-2
2" access bow	KB916	KB916-1	n/a	n/a

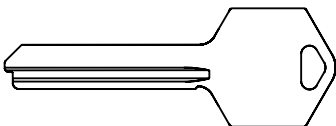
\* Extensive key systems sometimes require more than one keyway. Double, triple, quadruple and quintuple-milled keys must then be furnished for top master and control keys. Only certain milling combinations are practical. Common multi-section keys include AB, AE, DE, EF, FG, AEG, DEF, EFG, DEFG, JKLM, ADEFG.

## Emergency key blanks

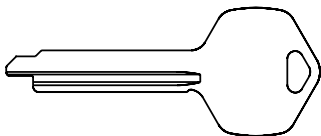
For C262 and C265 hotel function mortise cylinders.



Hotel mortise EMK



Access key blank  
After cutting, press into blue plastic bow shown above. Order blanks and bows separately.



Plain both sides  
(non-embossed)

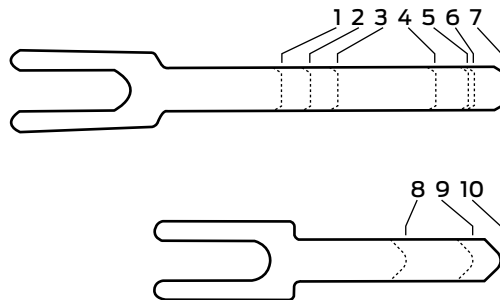


# Interchangeable core

## Tailpieces and construction keying

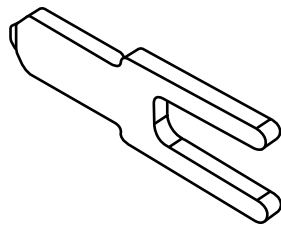
### Cylindrical lock tailpieces

Throw members shown actual size.



### Y Series

Q001-055

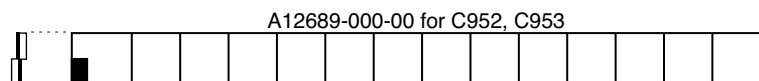


### B, RU, T, W and X Series

Ref.	Length	Part number	Application
1	1.40"	022175-000-30	X Series, except X571
2	1.53"	030739-003-30	RU, T381 inside only, 7-pin, B611
3	1.69"	030739-002-30	RU, T381 inside only, 6-pin, B611
4	2.22"	030739-005-30	RU, T571 7-pin
5	2.37"	030739-004-30	RU, T571 6-pin
6	2.41"	030739-001-30	RU, T Series 7-pin except T381 inside and T571
7	2.56"	030739-000-30	RU, T Series 6-pin except T381 inside and T571
8	1.32"	031731-000-30	B Series 6 and 7-pin, except B611
9	1.66"	022175-002-30	X571 7-pin, B611 7-pin
10	1.81"	022175-001-30	X571 6-pin
11	X.XX"	Q330-164	W Series 501, 511, 581, 711 functions
12	X.XX"	Q330-165	W Series 561 function

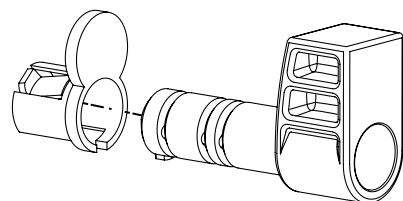
### Rim cylinder tailpiece

With 012698 retainer



### “Disposable construction” core

1408 Disposable small format  
Interchangeable construction core



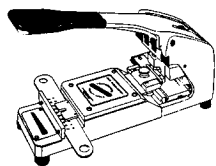
For more options and information on construction keying, please consult page 16 of this catalog.

# Interchangeable core

## Accessories

### Key biting punch

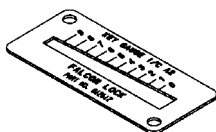
1208 A2 system



### Key gauge

012612-000-60 A2 system

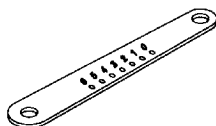
030425-000-60 A4 system



### Depth bars for key machine

031033-000-30 A3 system

031034-000-30 A4 system



### Miscellaneous I/C parts

A12663-001-00 Drive pins, package of ten (10)

A12664-010-00 Drive washer, package of ten (10)

### Kit Refills: Pins, springs, etc. (100-pack except where noted)

A12635-0xx-00 A2 top pins, sizes 2 thru 19:  
replace "xx" with size

A12636-00x-00 A2 bottom pins, sizes 0 thru 9:  
replace "x" with size

A30375-0xx-00 A4 top pins, sizes 1 thru 11:  
replace "xx" with size

A30376-00x-00 A4 bottom pins, sizes 0 thru 5:  
replace "x" with size

A12637-000-00 Tumbler spring

A12637-500-00 Tumbler spring, 500-pack

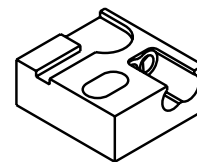
A12638-000-00 21C caps for Best® style cores,  
500-pack

A12639-001-00 Spring cover, 6-Pin

A12639-002-00 Spring cover, 7-Pin

### Stamping fixture

1398 Holds one key and one core  
for face or side marking



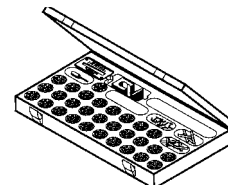
### Pin kit

1404 A2 System, Falcon spring cover  
cores (standard)

1391 A2 System, Best® style capping

1403 A4 System, Falcon spring cover cores

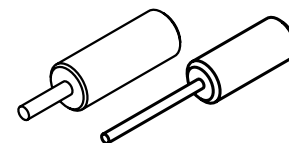
1390 A4 System, Best® style capping



### Capping pin and ejector pin

1392 Capping pin, Best® style

1405 Ejector tool



### Capping blocks

1411 Set, Falcon spring cover cores

1414 Block only, Falcon spring cover cores

1415 Tapping plate - new style (dovetail)

1393 Capping block, Best® style capping



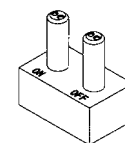
### Mortise accessories

#### Mortise cam changing tools

1400 Tool set with staking punch

1401 Tool only

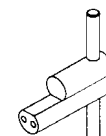
1402 Cam staking punch only



#### Mortise cylinder wrench

1407 Verifies cam operation and preserves  
cylinder finish during installation

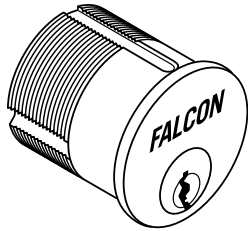
002807-000-30 Mortise I/C cylinder  
security screw



# Mortise cylinders

Mortise, rim and cam lock cylinders

Mortise, rim and cam lock for standard cylinders



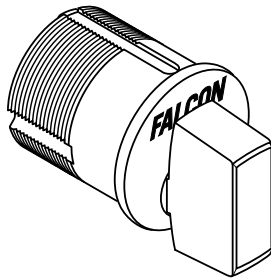
Note: Specify finish - 605, 606, 613, 626, 629, 630

## Mortise cylinder

900 Series cylinders are furnished with 5622-STD and 250 Series with 5622-STD unless otherwise specified.

See table for product numbers.

See pages 24-25 for optional cams and 26-27 for collars.



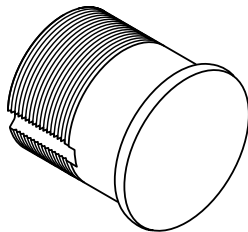
Note: Specify finish - 605, 606, 613, 626, 629, 630

## Thumbturn cylinder

Furnished with 5622-STD except 970 Series furnished with 5622-STD unless otherwise specified.

See table for product numbers.

See pages 24-25 for optional cams and 26-27 for collars.

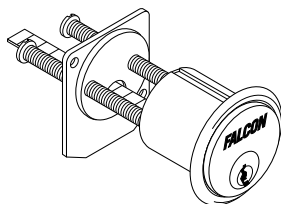


Note: Specify finish - 605, 606, 613, 625, 626

## Dummy cylinder

Used to plug hole in door where lock remains but cylinder operation is no longer needed.

**984D** 1"  
**985D** 1 1/8"



Note: Specify finish - 605, 606, 613, 626, 629, 630

## Rim cylinder

Horizontal tailpiece standard. May be changed to vertical orientation in the field. Furnished with collar, back plate and 12-24 break off screws.

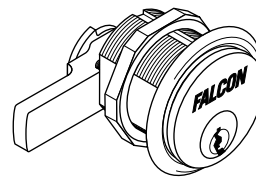
**951** Specify 5, 6 or 7-pin

## Keyed mortise cylinders

Catalog number	Length	Pins	Application
985	1 1/8"	5 or 6	Generic
986	1 1/4"	5 or 6	Generic
987	1 3/8"	6 or 7	Generic
988	1 1/2"	6 or 7	Generic
990	1 3/4"	6 or 7	Generic
992	2"	6 or 7	Generic
250	1 1/8"	6	MA451 hotel function
251	1 1/4"	6	MA451 hotel function
252	1 3/8"	6	MA451 hotel function
253	1 3/8"	7	MA451 hotel function

## Thumbturn mortise cylinders

Catalog number	Length	Pins	Application
985T	1 1/8"	—	Generic
986T	1 1/4"	—	Generic
973	1 1/8"	—	M911 Classroom thumbturn, RH (CCW)
974	1 1/8"	—	M911 Classroom thumbturn, LH (CW)

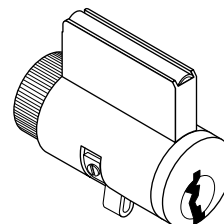


Note: Specify finish - 605, 606, 613, 626, 629, 630

## Cam lock - heavy cam

Includes stop washers for rigid and lazy cam operation. Field reversible for RH or LH doors by positioning of stop screw on back of housing. Requires 1 3/16" cylinder hole and fits doors up to 1 1/8" thick.

**945** Specify 5 or 6-pin



Note: Specify finish - 606, 626

## Mailbox cylinder

U.S. Postal regulations prohibit master keying of mailbox locks. Mailboxes must be ordered specifically for Falcon cylinders from the mailbox manufacturer.

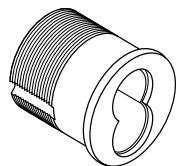
**954** Specify 5, 6 or 7-pin

Specify cylinder number, keyway and finish when ordering.

# Mortise cylinders

## Mortise, rim and cam lock housing

### Mortise, rim and cam lock for standard cylinders



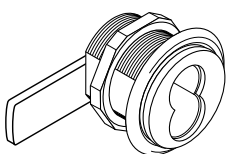
Note: Specify finishes - 605, 606, 613, 626, 629, 630

#### Mortise cylinder housing

Standard housings furnished with 5622-IC and hotel function housings furnished with 5622-IC. See table for product numbers.

See pages 24-25 for optional cams and pages 26-27 for collars.

Catalog number	Length	Pins	Application
C987	1 <sup>3</sup> / <sub>8</sub> "	6 or 7	Generic
C988	1 <sup>1</sup> / <sub>2</sub> "	6 or 7	Generic
C990	1 <sup>3</sup> / <sub>4</sub> "	6 or 7	Generic
C992	2"	6 or 7	Generic
C997	1 <sup>3</sup> / <sub>8</sub> "	6 or 7	Unassembled, less cam
C262	1 <sup>5</sup> / <sub>8</sub> "	6 or 7	MA451 Hotel function RH
C265	1 <sup>5</sup> / <sub>8</sub> "	6 or 7	MA451 Hotel function LH

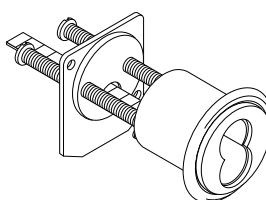


Note: Specify finishes - 605, 606, 613, 626, 629, 630

#### Cam lock

Key removable in locked position only. Cam rotates 360° and can be installed for right or left hand operation. Requires 1 <sup>3</sup>/<sub>16</sub>" cylinder hole and fits doors up to 1 <sup>3</sup>/<sub>8</sub>" thick.

**C943** Specify 6 or 7-pin

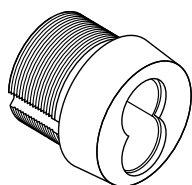


Note: Specify finishes - 605, 606, 613, 626, 629, 630

#### Rim cylinder housing

Horizontal tailpiece standard. May be changed to vertical orientation in the field. Furnished with collar, back plate and 12-24 break-off screws.

**C953** Specify 6 or 7-pin

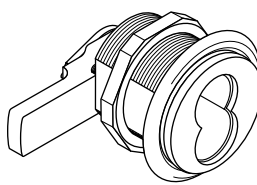


Note: Specify finishes - 605, 606, 613, 625, 626

#### Adams rite tapered head mortise cylinder housing

Designed for proper fit without collars on narrow stile aluminum doors. Furnished with #8 Adams Rite cam.

**C977** Specify 6 or 7-pin



Note: Specify finishes - 605, 606, 613, 626, 629, 630

#### Cam lock - heavy cam

Includes stop washers for rigid and lazy cam operation. Field reversible for RH or LH doors by positioning of stop screw on back of housing. Requires 1 <sup>3</sup>/<sub>16</sub>" cylinder hole and fits doors up to 1 <sup>1</sup>/<sub>8</sub>" thick.

**C945** Specify 6 or 7-pin

## How to order

### Less core

Specify catalog number and finish. Example: C987 626

### Complete with core

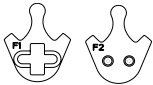
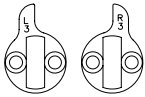
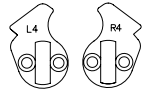
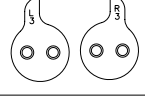
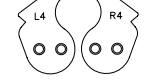
Add keyway, "WIC" and keying instructions. Example: C987 WIC A\* 626 AA12

\* "A" keyway standard. Falcon reserves the right to assign the keyway for new key systems.

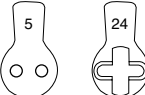
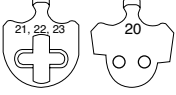
# Mortise cylinders

## Cams


### Falcon

Diagram	Lock	Reference number	Part number	For cylinder
	Falcon MA Series	F1 F2	5622-STD 5622-IC	Conventional I/C
	Falcon MA Series	L3 R3	5620-STD	Conventional, MA381 inside function
	Falcon MA Series	L4 R4	5621-STD	Conventional, MA381 outside function
	Falcon MA Series	L3 R3	5620-IC	I/C, MA381 inside function
	Falcon MA Series	L4 R4	5621-IC	I/C, MA381 outside function

### Falcon exit devices

Diagram	Lock	Reference number	Part number	For cylinder
	Dogging cylinder Install cam upside down.	24 5	A09897-024-00 A12667-003-00	Conventional I/C
	Delta trim for 17C concealed vertical rod for 718 Series trim manufactured prior to July 2011	21 22 23 20	A09894-021-00 A09894-022-00 A09894-023-00 A12667-020-00	Falcon, Ilco, Lori, Schlage Arrow, Sargent & Yale Corbin Russwin I/C

### Schlage

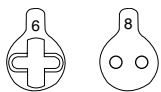
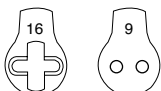



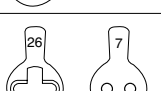

Diagram	Lock	Reference number	Part number	For cylinder
	Schlage L Series	13 12	A09888-000-00 A12667-008-00	Conventional I/C

Note: Each part number indicates a package of 10 cams

# Mortise cylinders

## Cams (continued)

### Other manufacturers

Diagram	Lock	Reference number	Part number	For cylinder
	Adams Rite MS, 4500 and 4700 Series	6 8	A09899-000-00 A12667-001-00*	Conventional I/C
	Adams Rite 4070 deadlock	16 9	A09898-000-00 A12667-002-00	Conventional I/C
	Arrow, Corbin Russwin ML2200 except ML2255 and ML2242 inside	- 11	A20069-000-00 A12667-011-00	Conventional I/C
	Corbin Russwin DL4000 Series	27	A12677-013-00	I/C
	Corbin Russwin master ring black cast iron locks only. Requires brushing A09890-000-00	25	A12667-006-00	Conventional I/C Most exit devices
	Sargent & Yale	26 7	A08867-000-00 A12667-000-00	Conventional I/C
	Sargent 7737	-	A12667-03A-00*	I/C

\* Thick cams require throw pin A12663-003-00

Note: Each part number indicates a package of 10 cams

## Cam assortment kits

### 1396 Standard cylinders

Contains ten each #1, 4 and 13; fifteen #6 and five each #2, 3 and 14 cams, plus 50 cam screws and a plug follower.

### 1397 I/C Mortise cylinders

Contains ten each #5, 7, 10, 11 and 12; twenty #8 and five #15 cams, a supply of throw member pins and plates, and one #1402 staking punch.



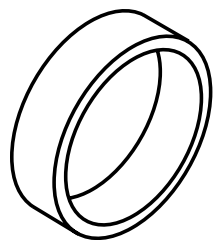
# Mortise cylinders

## Cylinder collars

### Standard collars for cylinders ordered separately

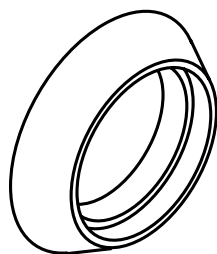
Length	Cylinder	Non-AR Cams	AR Cam
1"	984D	A08794-000	—
1 1/8"	250, 965, 966, 973, 974, 985 Series	A08794-000	008876-002
1 1/4"	251, 986 Series	A08794-001	008876-003
1 3/8"	252, 253, 987, C987, C997	A08794-002	008876-004
Longer	C260 Series, (C)988, (C)990, (C)992	A08794-000	008876-000

### Escutcheon trim ring



Door thickness	Function	985 1 1/8"	986 1 1/4"	(C)987 1 3/8"	(C)988 1 1/2"
1 1/2"	Single cylinder	—	A08790-000	A08790-001	A08790-002
1 1/2"	Double cylinder	A08790-000	—	—	—
1 3/4"	Single cylinder	—	—	A08790-000	A08790-001
1 3/4"	Double cylinder	—	A08790-000	A08790-001	A08790-002
2"	Single cylinder	—	—	A08790-000	A08790-001
2"	Double cylinder	—	—	A08790-000	A08790-001
2 1/4"	Single cylinder	—	—	—	A08790-000
2 1/4"	Double cylinder	—	—	—	—
2 1/2"	Single cylinder	—	—	—	—
2 1/2"	Double cylinder	—	—	—	—

### Sectional trim ring


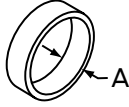
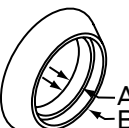
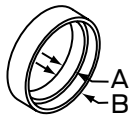


Door thickness	Function	985 1 1/8"	986 1 1/4"	(C)987 1 3/8"	(C)988 1 1/2"
1 1/2"	Single cylinder	A08794-001	A08794-002	—	—
1 1/2"	Double cylinder	A08794-002	A08794-003	—	—
1 3/4"	Single cylinder	A08794-000	A08794-001	A08794-002	—
1 3/4"	Double cylinder	A08794-001	A08794-002	A08794-003	—
2"	Single cylinder	—	A08794-000	A08794-001	A08794-002
2"	Double cylinder	A08794-000	A08794-001	A08794-002	A08794-003
2 1/4"	Single cylinder	—	—	A08794-000	A08794-001
2 1/4"	Double cylinder	—	A08794-000	A08794-001	A08794-002
2 1/2"	Single cylinder	—	—	—	A08794-000
2 1/2"	Double cylinder	—	—	A08794-000	A08794-001

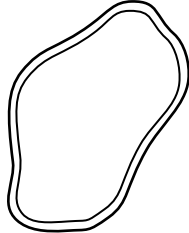
Note: Specify part number and finish when ordering.  
(e.g. A08790-000-626)

# Mortise cylinders

## Cylinder collars (continued)



Dim. A	Dim. B	Part No.
3/32"	9/32"	A08790-000
7/32"	13/32"	A08790-001
11/32"	17/32"	A08790-002
15/32"	21/32"	A08790-003
43/64"	55/64"	A08790-004
3/32"	9/32"	A08794-000
7/32"	13/32"	A08794-001
11/32"	17/32"	A08794-002
15/32"	21/32"	A08794-003
1/8"	—	008876-000
3/16"	—	008876-005
1/4"	—	008876-001
3/8"	—	008876-002
1/2"	—	008876-003
5/8"	—	008876-004



Wave washer included.  
To order separately, specify  
008789-001-60

Note: Specify part number and finish when ordering.  
(e.g. A08790-000-626)

**008862-000**  
For all rim cylinders and cam locks.  
Note: Specify finishes: 605, 606, 612, 613, 625, 626





## About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries.

For more, visit [www.allegion.com](http://www.allegion.com)

*aptiQ* ■ LCN ■ **SCHLAGE** ■ STEELCRAFT ■ VON DUPRIN

**FALCON®**

Recessed

Touch bar exit devices



# Table of contents





3	2390 Concealed vertical rod device
4	Accessories
5	Power supply
6	Door application
7	How to order





## The Falcon difference

### Safety, security and uncompromising value

At Falcon, we know that every product you sell not only has to meet local building codes, but also your expectations for performance and quality. We take your expectations seriously, and that's why we build our recessed crossbars to deliver durability, convenience and unmatched value. After all, we've built our reputation on the same standards that you have – providing quality products at a reasonable price delivered on time. It's the way we do business and it's what makes Falcon recessed crossbars a powerful choice no matter what your project.

# Falcon exit devices

		Architectural pushpads	Commercial pushpads		
					
		<b>24/25 Series</b>	<b>19 Series</b>	<b>1490/1590</b>	<b>1690/1790</b>
Selling features		<ul style="list-style-type: none"> <li>• Maximum flexibility in a variety of applications</li> <li>• Wide range of features and options</li> <li>• Patent pending deadlocking technology</li> </ul>	<ul style="list-style-type: none"> <li>• Lowest cost most dependable light-duty exit</li> <li>• Large trim selection</li> <li>• Standard deadlocking</li> </ul>	<ul style="list-style-type: none"> <li>• Steel operating mechanisms</li> <li>• Aluminum push bar and end caps</li> <li>• Durable design</li> <li>• Surface vertical and rim options available</li> </ul>	<ul style="list-style-type: none"> <li>• Patented pending latchbolt for hurricane ratings</li> <li>• #1 selling exit device for aluminum doors</li> <li>• Full compliment of electrical options</li> <li>• Durable design</li> </ul>
	Applications	<ul style="list-style-type: none"> <li>• Frequent traffic</li> <li>• Offices, churches, hospitality, retail, education, healthcare</li> <li>• Interior, exterior, new construction, retro-fit</li> </ul>	<ul style="list-style-type: none"> <li>• Moderate traffic</li> <li>• Commercial, multi-family, office, retail</li> <li>• Interior, exterior, retro-fit</li> </ul>	<ul style="list-style-type: none"> <li>• Moderate traffic</li> <li>• Commercial, multi-family, office, retail</li> <li>• Interior, exterior, retro-fit</li> </ul>	<ul style="list-style-type: none"> <li>• Moderate traffic</li> <li>• Commercial, multi-family, office, retail</li> <li>• Interior, exterior, retro-fit</li> </ul>
	Device options	<ul style="list-style-type: none"> <li>• Rim, SV, CV, M</li> <li>• 6 functions / 9 finishes</li> <li>• 4 lever designs</li> <li>• 10-year warranty</li> </ul>	<ul style="list-style-type: none"> <li>• Rim, SV</li> <li>• 7 functions / 4 lever designs</li> <li>• 3 finishes</li> <li>• 10-year warranty</li> </ul>	<ul style="list-style-type: none"> <li>• CV = 1490 / Rim = 1590</li> <li>• 4 functions / 10 finishes</li> <li>• 3 length options</li> <li>• 10-year warranty</li> </ul>	<ul style="list-style-type: none"> <li>• CV = 1690 / Rim = 1790</li> <li>• 4 functions / 7 finishes</li> <li>• 4 length options</li> <li>• 10-year warranty</li> </ul>

		Crossbars			Recessed/concealed devices
					
		<b>XX</b>	<b>1990</b>	<b>2090</b>	<b>2390</b>
Selling features		<ul style="list-style-type: none"> <li>• Classic traditional design</li> <li>• Dependable and attractive</li> <li>• Economic crossbar option</li> <li>• Panic and fire rated options</li> </ul>	<ul style="list-style-type: none"> <li>• Classic industry look</li> <li>• Balanced appearance, dependable performance and economical pricing</li> <li>• Hardened steel latches</li> <li>• Adjustable strike to ensure safety, security and smooth operation</li> </ul>	<ul style="list-style-type: none"> <li>• Classic looks in a rim device</li> <li>• Designed for high use and abuse</li> <li>• 1/2" inch steel latchbolt</li> <li>• Surface mounted strikes for full frame or blade type stops</li> </ul>	<ul style="list-style-type: none"> <li>• Reduced projection recessed device</li> <li>• Tough, reliable performance</li> <li>• Easy rod adjustment simplifies installation</li> <li>• Smooth, reliable operation</li> </ul>
	Applications	<ul style="list-style-type: none"> <li>• Light/moderate traffic</li> <li>• Commercial, multi-family, office, retail</li> <li>• Interior, exterior, retro-fit</li> </ul>	<ul style="list-style-type: none"> <li>• Light traffic</li> <li>• Commercial, Multi-family, office, retail</li> <li>• Interior, exterior, retro-fit</li> </ul>	<ul style="list-style-type: none"> <li>• Light traffic</li> <li>• Commercial, multi-family, office, retail</li> <li>• Interior, exterior, retro-fit</li> </ul>	<ul style="list-style-type: none"> <li>• Moderate/frequent traffic</li> <li>• Healthcare, assisted living, education</li> <li>• Interior, new construction</li> </ul>
	Device options	<ul style="list-style-type: none"> <li>• Rim, SV, CV, M</li> <li>• 13 functions / 8 finishes</li> <li>• 5 lever options</li> <li>• 10-year warranty</li> </ul>	<ul style="list-style-type: none"> <li>• CV</li> <li>• 4 functions / 10 finishes</li> <li>• 2 length options</li> <li>• 10-year warranty</li> </ul>	<ul style="list-style-type: none"> <li>• Rim</li> <li>• 4 functions / 4 finishes</li> <li>• 2 length options</li> <li>• 10-year warranty</li> </ul>	<ul style="list-style-type: none"> <li>• CV</li> <li>• 3 functions / 4 finishes</li> <li>• 2 length options</li> <li>• 10-year warranty</li> </ul>

# 2390 Series

## Mid-panel concealed vertical rod device

The best available recessed concealed device for stile and rail doors

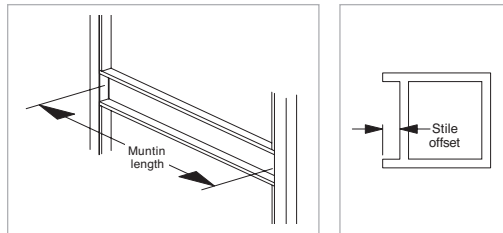
The 2390 is a grade 1 exit device designed for high use and abuse, and delivers a variety of performance features that ensure smooth, easy and reliable operation. Easier rod adjustment simplifies installation.

Stile offset	Long device (24" touchbar) minimum muntin length (width between stiles)	Short device (21" touchbar) minimum muntin length (width between stiles)
.115"	27.505"	24.505"
.125"	27.495"	24.495"
.142"	27.478"	24.478"
.156"	27.464"	24.464"
.187"	27.433"	24.433"



### Specifications

Hand:	Field reversible, non handed.
Functions:	See trim selection chart on this page.
Finishes:	US28, DC13, DC35, champagne.
Strikes:	PB48 top.
Latches:	Standard top - SU latch Standard bottom - hex bottom bolt Optional top - ES - electric strike, device would need to be less bottom rod (LBR). Optional bottom - RL rod bottom latch - PL pullman bottom latch
Dogging feature:	Hex Key Dogging standard, except EL where must use hold back feature.
Cylinder:	Mortise 1" up to 1 3/8", key entry (NL) or hold back (HB) available (field selectable).
Sizes:	21", 24".
Doors:	1 3/4" thick metal doors.
Projections:	1 5/8" with pushbar extended. Pushbar height is 3 1/4".
Stile:	1 3/4" minimum.
Electric functions:	EL - electric latch retraction, (EL requires PS914-2RS minimum power supply). RX - request to exit switch, monitors pushpad SPTD switch.
Fasteners:	All machine screw mounting. Device mounting fasteners are concealed, latch fasteners are exposed to egress side.
End caps:	Sloped metal end caps.
ANSI:	Certified ANSI A156.3 grade 1 standards.
Vertical rods:	7' standard, extension rods available up to 10'. Rod extension kits available. Rod length requirement varies with device mounting height.



Model	Trim package	Type	Function
2390	No outside trim	6	01
2392	Mortise cylinder assembly with cylinder	6	03
2395	Mortise cylinder assembly with less cylinder	6	03/04
2398	Dummy	6	

# Accessories

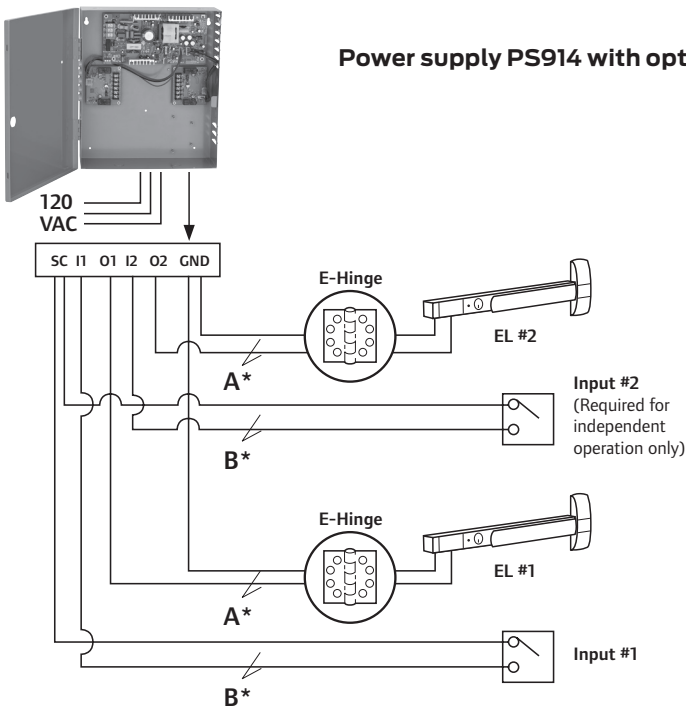
## Strikes

Concealed vertical rod



**PB48**  
Top strike for 1990/1490/1690/2390 devices. Packed with three 0.050" thick shims.  
1 1/16" square  
7/16" projection

## Popular EL application



### EL Device wire selection size

A*	EL device w/EPT or door loop	
	Run length	EL device w/EPT or door loop
	0-100 ft.	14 gauge
	100-200 ft.	12 gauge
A*	EL device w/electric hinge/pivot	
	Run length	EL device w/electric hinge/pivot
	0-75 ft.	14 gauge
	76-150 ft.	12 gauge
B*	Switch wire size	
	Wire selection	Switch wire size
	1200 ft. max.	18 gauge



# Power supply



The PS900 series is a consolidated line of power supplies and accessories that offer enhanced flexibility and functionality specific to the changing needs of the access control market. The PS900 series can be used in a variety of applications to convert high voltage AC power into the low voltage DC outputs required by most access control devices. The PS900 series protects devices downstream by providing Class 2\* filtered and regulated power. The full line is UL294 certified.

Note: PS906 can provide class 2 rated outputs when used with 900-8P distribution board.

## Features:

- Constant output rating at both 12 VDC and 24 VDC provides superior performance ; includes field selectable jumper  
Polarized connectors for option boards eliminate need for racks and side connectors
- Flat mounting of option boards provides easier access to terminal blocks for connection of electrified devices
- High voltage protective cover
- Battery back-up board auto-selects voltage
- Fire alarm relay can be configured to provide either switched or un-switched outputs from a power supply
- PS914 designed with high in rush current for powering electrified panic devices
- Universal 120-240 VAC input
- Low voltage DC, regulated and filtered
- Electronic power limiting foldback circuit for AC current overload protection
- Fused primary input
- AC status monitor- isolated SPDT contacts
- AC input and DC output LED status indicators
- Cover mounted AC input indication
- Hinged cover with lock down screws

## Certifications:

- UL 294 certified—the standard for access control

- Class 2 rated\*

\* Except PS906, output rating exceeds Class 2 power limits

Once power is converted to low voltage DC, the PS900 series offers a variety of distribution options, including basic fuse protection, simple relay, and advanced logic providing complex sequencing and timing functions.

\* PS906 can provide class 2 rated outputs when used with 900-8P distribution board.

	PS902	PS904	PS906	PS914
Number of connectors on power supply for the following:	2 amps	4 amps	6 amps	4 amps
Distribution boards	1	2	3	2
Battery back-up board	1	1	1	1

Note: One fire alarm board can be connected directly to the PS902. If a fire alarm board is desired for the PS904, PS906 or PS914 it can be connected to a distribution board.

## Applications:

The PS900 series of power supplies works with many electrified devices including Falcon exit devices, electromagnetic locks, hardwired locks, electrified mechanical locks, electrified strikes and many other products.

## Accessories:

The PS900 series features seven option boards for use in a variety of applications. All PS900 series power supplies option boards are UL 294 certified.

### Option boards:

**900-4R:** 4 relay controlled output board to power multiple devices.

**900-4RL:** 4 relay distribution board with logic is field configurable for time delay function, auto operator, security interlock.

**900-8F:** Provides 8 individually fuse-protected outputs, giving the flexibility to power multiple devices and provide another layer of protection.

**900-FA:** Emergency interface relay integrates with fire alarm and is used to cut power in case of emergency.

**900-BB:** Battery backup.

**900-2RS:** 2 relay EL panic device control board (PS914 only).

**900-BBK:** Battery backup kit includes two 7A/hr batteries and provides up to four hours of backup power when cycled every 5 minutes at full load.

### Wire selection size / type

Run length	EL device w/ EPT or door loop
0-100 ft	14 gauge standard wire
101-200 ft	12 gauge standard wire
Run length	EL device w/ electric hinge / pivot
0-75 ft	14 gauge standard wire
76-150 ft	12 gauge standard wire
Wire Selection	Switch wire size
1200 ft max.	16 gauge



# Door application

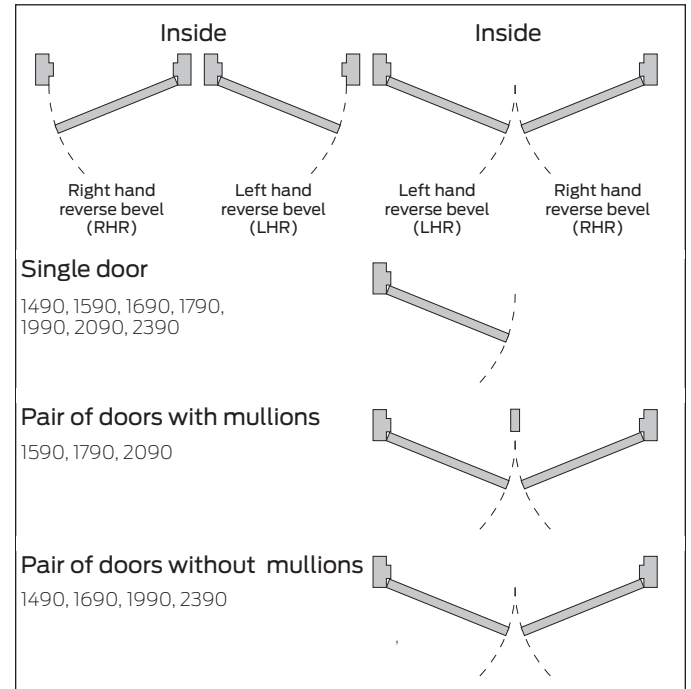
## Door thickness

All devices and components supplied for 1 3/4" doors standard. Specify door thickness if other than 1 3/4".

Number	BHMA/ANSI function
01	Exit only, no trim.
02	Entrance by trim when actuating bar is locked down.
03	Entrance by trim when latchbolt is retracted by key; key removable only when locked.
04	Entrance by trim when latchbolt is retracted by key or set in a retracted position by key.

U.S. standard	BHMA	Description
US28	628	Anodized aluminum – clear
DC13	710	Anodized aluminium – dark bronze
DC35	711	Anodized aluminum – black

## Door application chart



## How to order 2390

		EL	2392	EO	42"	DC13	RL	FILLER PLATE	RHR	37" CL
<b>RX</b>	Request to exit switch									
<b>EL</b>	Electric latch retraction									
<b>2390</b>	Exit only									
<b>2392</b>	Cylinder assembly with mortise cylinder									
<b>2395</b>	Cylinder assembly less mortise cylinder									
<b>2398</b>	Dummy									
<b>EO</b>	Exit only									
<b>DT</b>	Dummy trim									
<b>NL-HBOP</b>	Cylinder assembly - optional pull									
<b>42"</b>	42" (device size is 21")									
<b>48"</b>	48" (device size is 24")									
<b>US28</b>										
<b>DC13</b>										
<b>DC35</b>										
<b>Champagne</b>										
<b>HEX</b>	Standard bottom latch									
<b>RL</b>	Optional rod bottom latch									
<b>PL</b>	Optional pullman bottom latch									
<b>ES</b>	Optional top latch for use with electric strike									
<b>LBR</b>	Less bottom rods									
<b>Channel</b>	Channel									
<b>Filler plate</b>	Filler plate									
<b>CYL</b>	Cylinder									
<b>RHR</b>	RHR									
<b>LHR</b>	LHR									
<b>Centerline</b>	(Must specify)									

## About Allegion

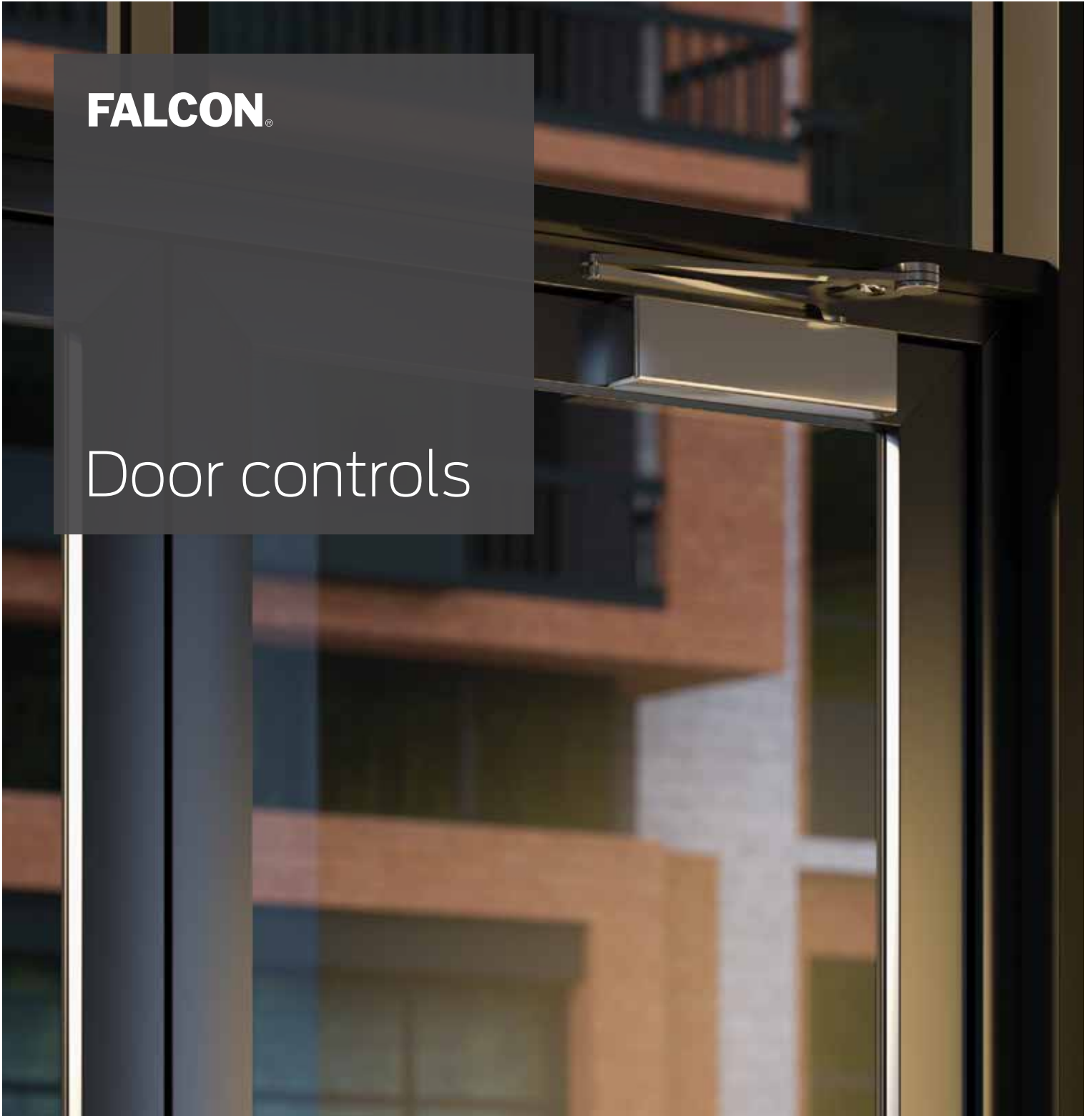
Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries.

For more, visit [www.allegion.com](http://www.allegion.com)

KRYPTONITE ■ LCN ■  ■ STEELCRAFT ■ VON DUPRIN

**FALCON®**

Door controls



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# The Falcon difference

## Safety, security and uncompromising value

At Falcon, we know that every product you sell not only has to meet local building codes, but also your expectations for performance and quality. We take your expectations seriously, and that's why we build our door closers to deliver durability, convenience and unmatched value. After all, we've built our reputation on the same standards that you have – providing quality products at a reasonable price delivered on time. It's the way we do business and it's what makes Falcon door closers a powerful choice no matter what your project.



# SC70A Series



Falcon SC70A Series heavy duty closers are built for applications that demand reliable door control and easy maintenance. The SC70A Series closers are ANSI grade 1, ADA compliant and deliver tough performance. Choose the SC70A for interior or exterior doors in retail shops, restaurants, small offices and many other high traffic applications.

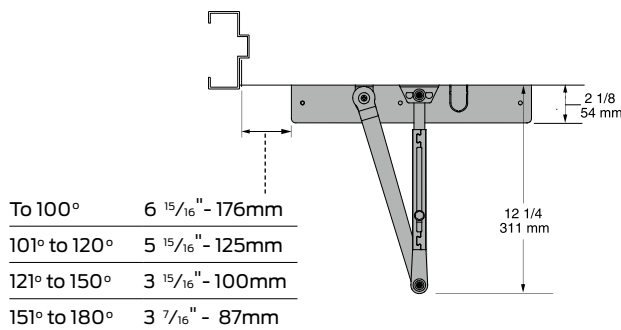
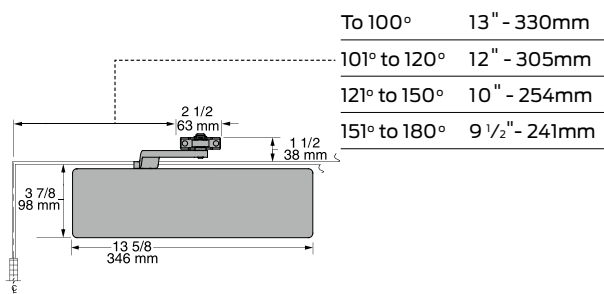
## Standard features

- Fully adjustable sizes 1-6
- Separate adjustable general speed, latch speed and backcheck
- Closer mounts hinge side, top jamb or parallel arm when either the RW/PA or HW/PA arm is specified
- Non-handed for left or right swinging doors
- 1 1/2" diameter heat treated steel piston
- Double heat-treated pinion
- Universal screw pack for aluminum, hollow metal, and wood doors, includes self reaming and tapping screws
- Staked valves
- Meets ANSI A117.1
- Listed ANSI/BHMA A156.4, grade 1
- UL listed and compliant to UL10C and UBC 7-2 (1997)
- Fast and easy installation
- 10-year warranty
- Available in aluminum, brass, dark bronze, and matte black

## Listings and ratings

The Falcon SC71A is UL approved and compliant with the UL 10C and UBC 7-2 (1997) fire test. Additionally, the SC71A is rated ANSI/BHMA A156.4, grade 1 and designed to meet the American Disabilities Act (ADA) and ANSI A117.1

## SC70A Series hinge (pull side)



**Butt hinges** should not exceed 5" (127mm) in width.

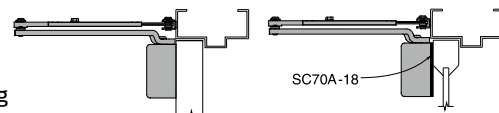
**Auxiliary stop** is recommended at hold-open point or where a door cannot swing 180°.

**Reveal** should not exceed 3/4" (19mm) for regular arm or hold-open arm.

**Top rail** less than 3 7/8" (98mm) requires plate SC70A-18.

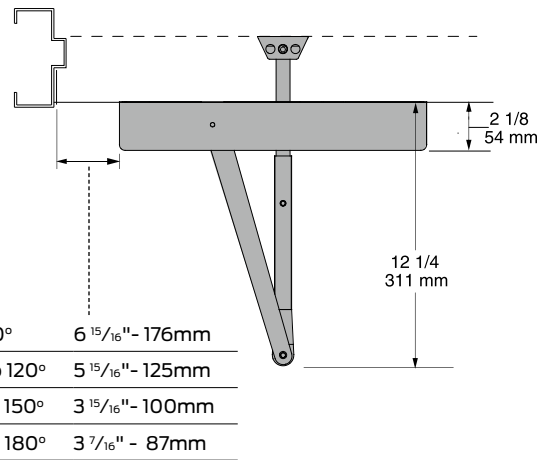
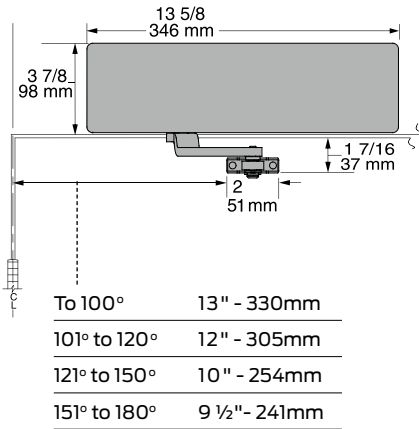
**Clearance** of 2 1/8" (54mm) behind door required for 90° installation.

**Delayed action** add suffix "DEL" to selected cylinder (ex. SC70A DEL). Delays closing from maximum opening to approx. 70°, with adjustable delay time.





## SC70A Series top jamb (push side)



**Butt hinges** should not exceed 5" (127mm) in width.

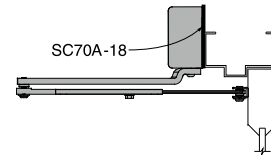
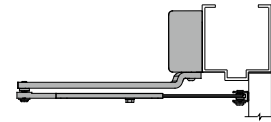
**Auxiliary stop** is recommended at hold-open point or where a door cannot swing 180°.

**Reveal** should not exceed 3 1/4" (83mm) for regular arm or hold-open arm.

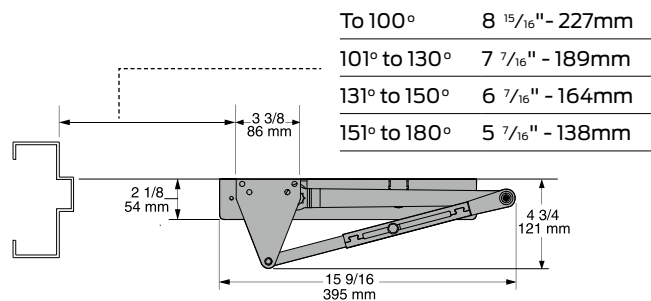
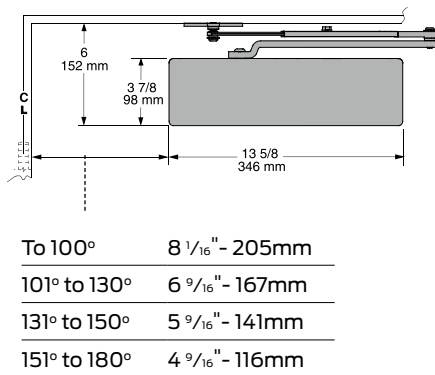
**Top rail** of 1 1/2" (38mm) required.

**Head frame** less than 3 7/8" (98mm) requires plate SC70A-18.

**Delayed action** add suffix "DEL" to selected cylinder (ex. SC70A DEL). Delays closing from maximum opening to approx. 70° with adjustable delay time.



## SC70A Series parallel (push side)

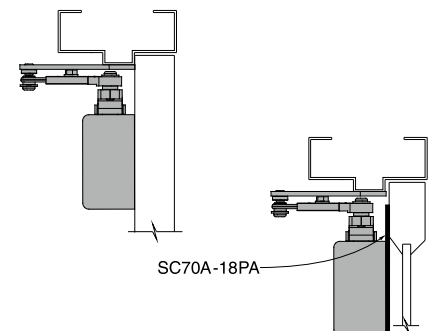


**Butt hinges** should not exceed 5" (127mm) in width.

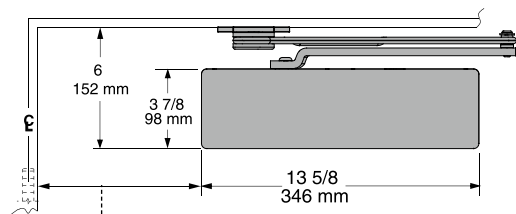
**Auxiliary stop** is recommended at hold-open point or where a door cannot swing 180°.

**Top rail** less than 6" (152mm) measured from stop requires plate SC70A-18PA.

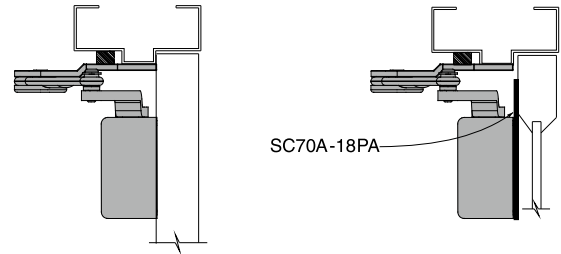
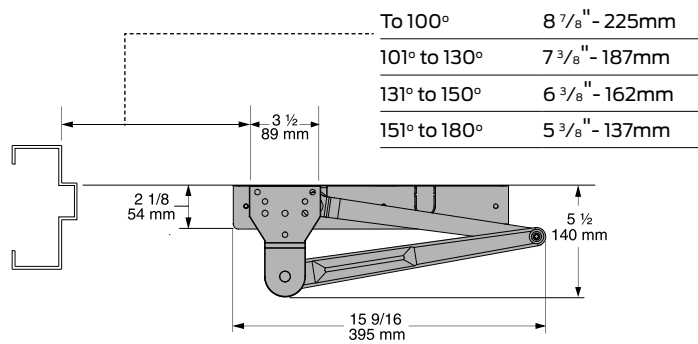
**Delayed action** add suffix "DEL" to selected cylinder (ex. SC70A DEL). Delays closing from maximum opening to approx. 70° with adjustable delay time.



## SC70A Series heavy duty (parallel)



To 100°	8 1/16" - 205mm
101° to 130°	6 9/16" - 167mm
131° to 150°	5 9/16" - 141mm
151° to 180°	4 9/16" - 116mm



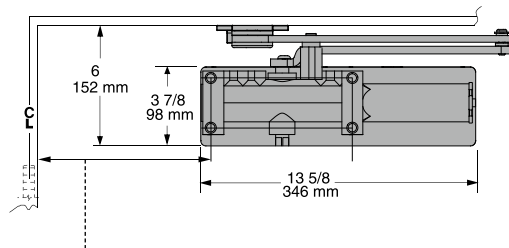
**Butt hinges** should not exceed 5" (127mm) in width.

**Auxiliary stop** is recommended at hold-open point, where a door cannot swing 180°, or where dead stop or spring-n-stop arm is not used.

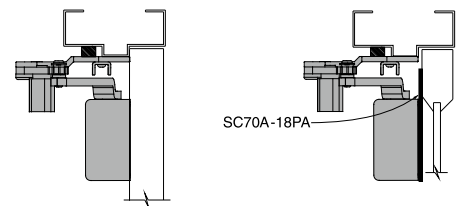
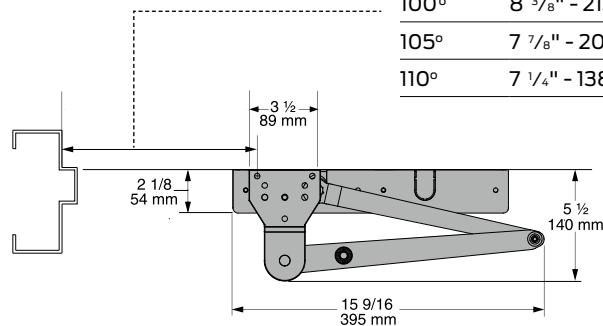
**Top rail** less than 6" (152mm) measured from stop requires plate SC70A-18PA.

**Delayed action** add suffix "DEL" to selected cylinder (ex. SC70A DEL). Delays closing from maximum opening to approx. 70°, with adjustable delay time.

## SC70A Series dead stop HO (parallel)



85°	10 1/8" - 257mm
90°	9 1/4" - 235mm
95°	8 5/8" - 219mm
100°	7 7/8" - 200mm
105°	7 3/8" - 187mm
110°	6 3/4" - 171mm



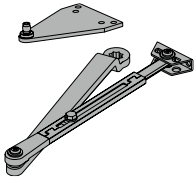
**Butt hinges** should not exceed 5" (127mm) in width.

**Top rail** less than 6" (152mm) measured from stop requires plate SC70A-18PA.

**Delayed action** add suffix "DEL" to selected cylinder (ex. SC70A DEL). Delays closing from maximum opening to approx. 70°, with adjustable delay time.

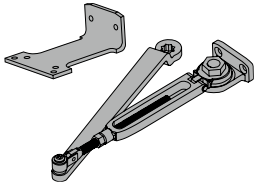


## Arm types All SC70A Series closers come with full cover, standard arm and screw pack.



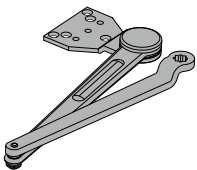
### Regular arm, SC70A-3077PA

Non-handed arm with adjustable forearm assembly to accommodate a range of doors and frame reveal conditions. Mounts hinge side, top jamb or parallel arm. PA shoe included to allow installation in a parallel arm configuration.



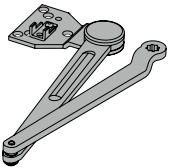
### Hold-open arm, SC70A-3049PA

Optional, non-handed, hold open arm with adjustable forearm assembly to accommodate a range of doors and frame reveal conditions. Mounts hinge side, top jamb or parallel arm. PA shoe included to allow installation in a parallel arm configuration.



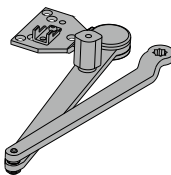
### Heavy duty regular arm, SC70A-3077HD

Optional, non-handed, stamped, heavy duty, parallel arm for use in high-traffic applications.



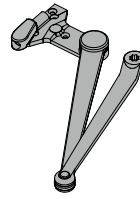
### Dead stop arm, SC70A-3077DS

Optional, non-handed, stamped, heavy duty, parallel arm includes a positive mechanical stop and non-adjustable forearm assembly for high volume traffic or potentially abusive installation conditions.



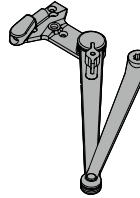
### Dead stop hold-open arm, SC70A-3049DS

Optional, non-handed, stamped, heavy duty, hold-open parallel arm includes a positive mechanical stop and non-adjustable forearm assembly for high volume traffic or potentially abusive installation conditions. Also includes a manually selective hold-open function.



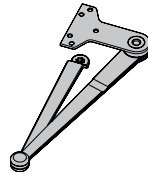
### Spring-n-stop arm, SC70A-3077SS

Optional, non-handed, extra heavy-duty, forged parallel arm includes an integral spring stop and non-adjustable forearm assembly for high volume traffic or potentially abusive installation conditions.



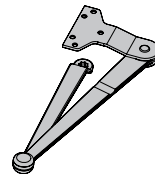
### Spring-n-stop hold-open arm, SC70A-3049SS

Optional, non-handed, extra heavy-duty, forged parallel arm includes an integral spring stop and non-adjustable forearm assembly for high volume traffic or potentially abusive installation conditions. Also includes a manually selective hold-open function.



### Forged arm, SC70A-3077FA

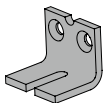
Optional, non-handed, extra heavy-duty arm with parallel arm bracket. Includes a forged steel main arm and forearm for maximum durability in high traffic and/or abusive applications. Parallel Arm (PA) bracket is a permanent feature, installation on "push" side of the door in a parallel arm type configuration is required.



### Forged arm with hold open, SC70A-3049FA

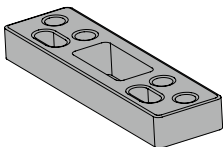
Optional, left or right handed, extra heavy-duty arm with parallel arm bracket that incorporates a hold open feature. Includes a forged steel main arm and forearm for maximum durability in high traffic and/or abusive applications. Parallel Arm (PA) bracket is a permanent feature, installation on "push" side of the door in a parallel arm type configuration is required.

## Installation accessories



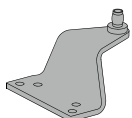
### Soffit shoe support, SC70A-30

Provides anchorage for fifth screw used with soffit shoe, where reveal is less than 3 1/16" (78mm).



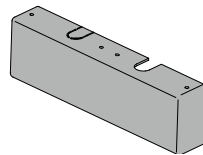
### Blade stop spacer, SC70A-61

Required to lower parallel arm shoe to clear 1/2" (13mm) blade stop.



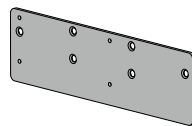
### Auxiliary shoe, SC70A-62A

Requires a top rail of 7" (178mm). Optional shoe replaces PA shoe for parallel arm mounting of regular arm with overhead holder/stop.



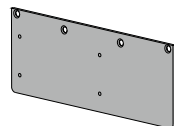
### Cover, SC70A-72

Standard, non-handed, full plastic cover encloses the closer body.



### Plate, SC70A-18

Required for hinge side mount where top rail is less than 3 7/8" (98mm). Required for top jamb mounting where head frame is less than 3 7/8" (98mm).



### Plate, SC70A-18PA

Required for parallel arm mounting where top rail is less than 6" (152 mm), measured from the stop. Plate requires 1 3/4" (44mm) minimum top rail measured from stop.

# SC80A Series



Medium-duty applications like retail storefronts, cafes and clinics that need a closer that makes door operation smooth and secure. The Falcon SC80A Series brings ANSI grade 1 durability and reliable performance to interior and exterior doors. An adjustable design ensures flexible installation and ADA compliance.

## Standard features

- Single piece cast aluminum body
- Fully adjustable sizes 1-6
- Separate adjustable general speed, latch speed and backcheck
- Closer mounts hinge side, top jamb or parallel arm when either the RW/PA or HW/PA arm is specified
- Non-handed for left or right swinging doors
- 1 1/4" diameter heat treated steel piston
- Heat-treated pinion
- Universal screw pack for aluminum, hollow metal, and wood doors, includes self reaming, and tapping screws
- Staked valves
- Meets ANSI A117.1
- ANSI/BHMA A156.4, grade 1
- UL listed and compliant to UL10C and UBC 7-2 (1997)
- Cover is UL approved for use in fire rated assemblies
- 10-year warranty
- Retrofittable to Norton 8000 hole pattern

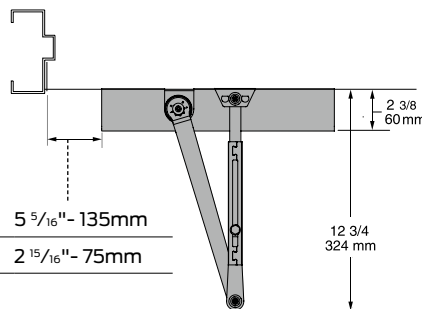
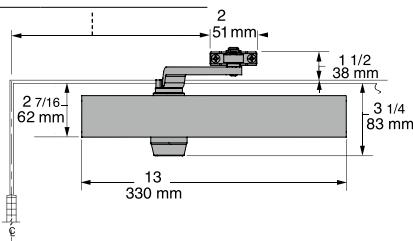
## Listings and ratings

The Falcon SC81A is UL listed and compliant to UL10C and UBC 7-2 (1997). Additionally, the SC81A is designed to meet the American Disabilities Act (ADA) and ANSI A117.1. The SC81A is rated ANSI/BHMA A156.4, Grade 1.

## SC80A Series hinge (pull side)

To 120° 11 3/4" - 298mm

121° to 180° 8 1/2" - 216mm



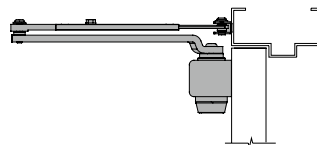
**Butt hinges** should not exceed 5" (127mm) in width.

**Auxiliary stop** is recommended at hold-open point or where a door cannot swing 180°

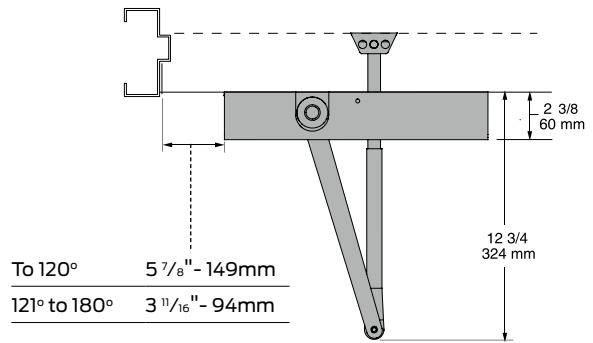
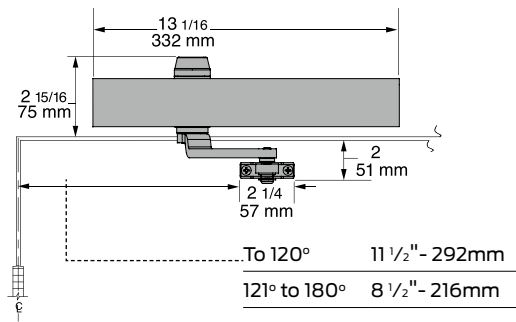
**Reveal** should not exceed 3/4" (19mm) for regular arm or hold-open arm.

**Clearance** of 2 3/8" (60mm) behind door required for 90° installation.

**Delayed action** add suffix "DEL" to selected cylinder (ex. SC80A DEL). Delays closing from maximum opening to approximately 70° with adjustable delay time.



## SC80A Series top jamb (push side)



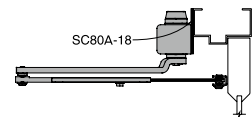
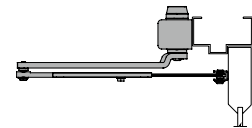
**Butt hinges** should not exceed 5" (127mm) in width.

**Auxiliary stop** is recommended at hold-open point or where a door cannot swing 180°.

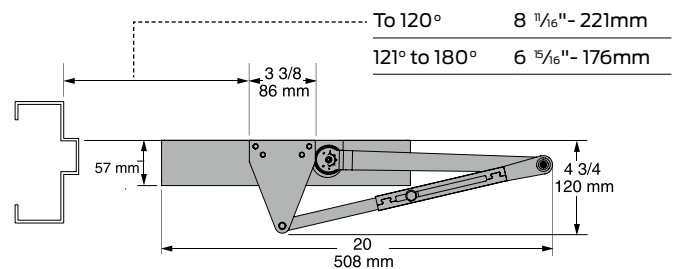
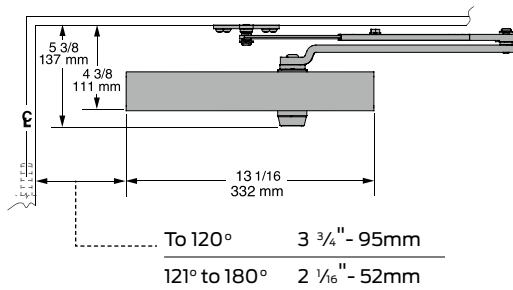
**Reveal** should not exceed 3 1/4" (83mm) for regular arm or hold-open arm.

**Head frame** less than 2 5/16" (59mm) requires plate SC80A-18.

**Delayed action** add suffix "DEL" to selected cylinder (ex. SC80A DEL). Delays closing from maximum opening to approximately 70°, with adjustable delay time.



## SC80A Series parallel (push side)

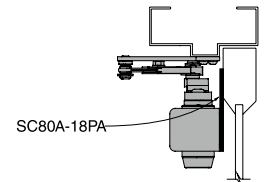
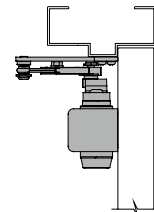


**Butt hinges** should not exceed 5" (127mm) in width.

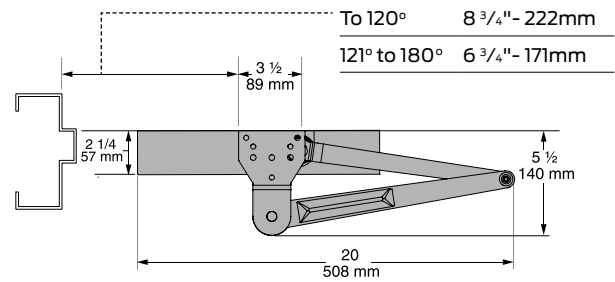
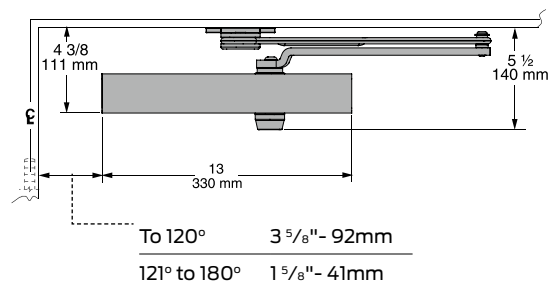
**Auxiliary stop** is recommended at hold-open point or where a door cannot swing 180°.

**Top rail** less than 4 3/8" (111mm) measured from stop requires plate SC80A-18PA.

**Delayed action** add suffix "DEL" to selected cylinder (ex. SC80A DEL). Delays closing from maximum opening to approximately 70°, with adjustable delay time.



## SC80A Series heavy duty (parallel)

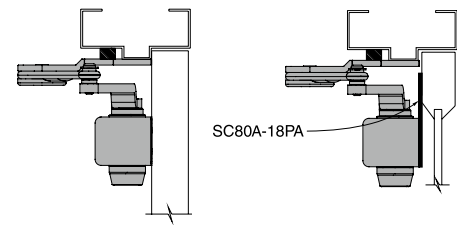


**Butt hinges** should not exceed 5" (127mm) in width.

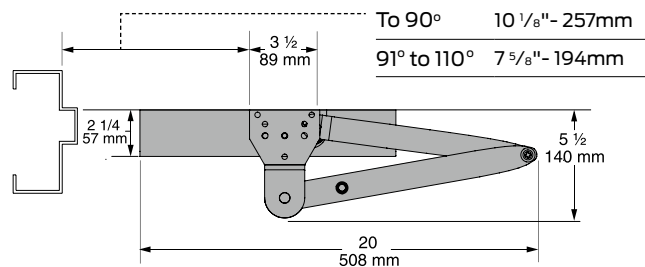
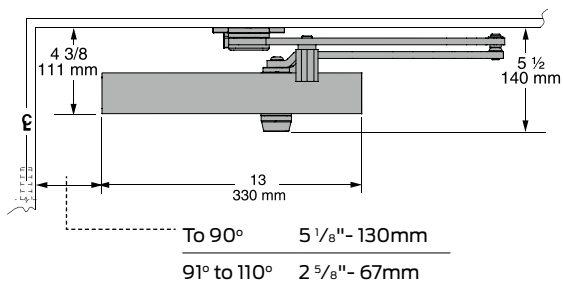
**Auxiliary stop** is recommended at hold-open point, where a door cannot swing 180°, or where Dead stop or Spring-n-stop arm is not used.

**Top rail** less than 4 3/8" (111mm) measured from stop requires plate SC80A-18PA.

**Delayed action** add suffix "DEL" to selected cylinder (ex. SC80A DEL). Delays closing from maximum opening to approximately 70°, with adjustable delay time.



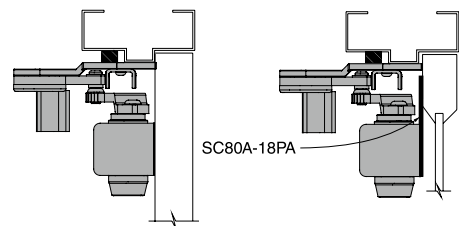
## SC80A Series dead stop HO (parallel)



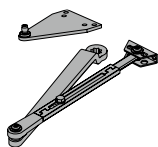
**Butt hinges** should not exceed 5" (127mm) in width.

**Top rail** less than 4 3/8" (111mm) measured from stop requires plate SC80A-18PA.

**Delayed action** add suffix "DEL" to selected cylinder (ex. SC80A DEL). Delays closing from maximum opening to approximately 70°, with adjustable delay time.

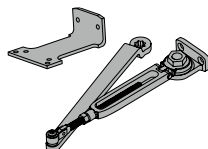


## Arm types All SC80A Series closers come with slim cover, standard arm and screw pack.



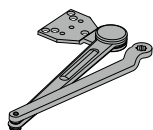
### **Regular arm, SC80A-3077PA**

Non-handed arm with adjustable forearm assembly to accommodate a range of doors and frame reveal conditions. Mounts hinge side, top jamb or parallel arm. PA shoe included to allow installation in a parallel arm configuration.



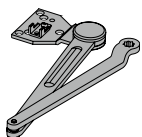
### **Hold-open regular arm, SC80A-3049PA**

Optional, non-handed, hold open arm with adjustable forearm assembly to accommodate a range of doors and frame reveal conditions. Mounts hinge side, top jamb or parallel arm. PA shoe included to allow installation in a parallel arm configuration.



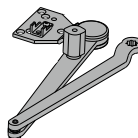
### **Heavy duty arm, SC80A-3077HD**

Optional, non-handed, stamped, heavy duty, parallel arm for use in high-traffic applications.



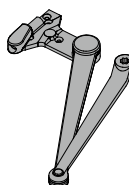
### **Dead stop arm, SC80A-3077DS**

Optional, non-handed, stamped, heavy duty, parallel arm includes a positive mechanical stop and non-adjustable forearm assembly for high volume traffic or potentially abusive installation conditions.



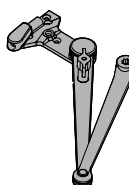
### **Dead stop hold-open Arm, SC80A-3049DS**

Optional, non-handed, stamped, heavy duty, hold-open parallel arm includes a positive mechanical stop and non-adjustable forearm assembly for high volume traffic or potentially abusive installation conditions. Also includes a manually selective hold-open function.



### **Spring-n-stop arm, SC80A-3077SS**

Optional, non-handed, extra heavy-duty, forged parallel arm includes an integral spring stop and non-adjustable forearm assembly for high volume traffic or potentially abusive installation conditions.



### **Spring-n-stop hold-open arm, SC80A-3049SS**

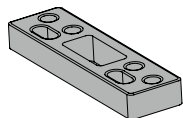
Optional, non-handed, extra heavy-duty, forged parallel arm includes an integral spring stop and non-adjustable forearm assembly for high volume traffic or potentially abusive installation conditions. Also includes a manually selective hold-open function.

## Installation accessories



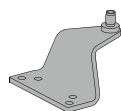
### **Soffit shoe support, SC80A-30**

Provides anchorage for fifth screw used with soffit shoe, where reveal is less than 3 1/16" (78mm).



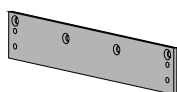
### **Blade stop spacer, SC80A-61**

Required to lower parallel arm shoe to clear 1/2" (13mm) blade stop.



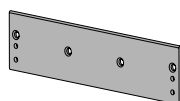
### **Auxiliary shoe, SC80A-62A**

Requires a top rail of 7" (178mm). Optional shoe replaces PA shoe for parallel arm mounting of regular arm with overhead holder/stop.



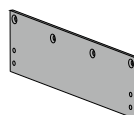
### **Plate, SC80A-18**

Required for top jamb mounting where head frame is less than 1 3/4" (44mm) or flush ceiling conditions exists.



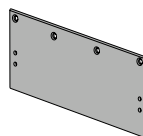
### **Plate, SC80A-18FC**

Required for top jamb mounting where head frame is less than 1 3/4" (44mm) or flush ceiling conditions exist. To be used with a full cover SC80A-72FC.



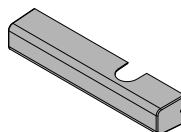
### **Plate, SC80A-18PA**

Required for parallel arm mounting where top rail is less than 4 3/8" (111mm), measured from the stop. Plate requires 1 7/8" (48mm) minimum top rail measured from stop.



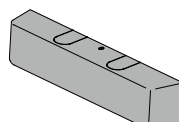
### **Plate, SC80A-18PAFC**

Required for parallel arm mounting where top rail is less than 4 3/8" (111mm), measured from the stop. Plate requires 1 7/8" (48mm) minimum top rail measured from stop. To be used with a full cover SC80A-72FC.



### **Cover, SC80A-72**

Standard, non-handed, slim line plastic cover encloses the closer body with a cap on the unused pinion shaft.



### **Cover, SC80A-72FC**

Optional non-handed, full plastic cover encloses the closer body.

# SC60A Series



When you need a dependable closer for a standard-duty application, the Falcon SC60A Series gets the job done. Designed for interior use with an aluminum storefront, the SC60A Series offers ANSI grade 1 durability backed by a ten-year warranty. Most common hole pattern in the industry for versatile use and easy retrofit.

## Standard features

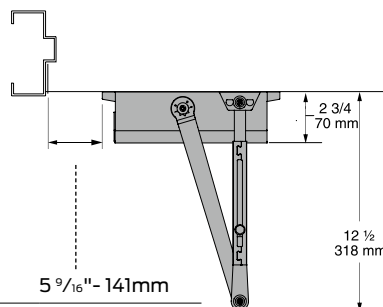
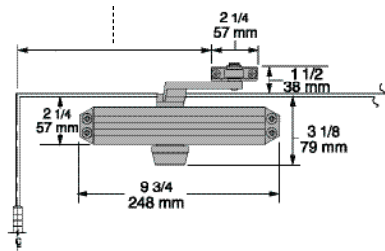
- Single piece cast aluminum body
- Fully adjustable sizes 1-5
- Separate adjustable general speed, latch speed and backcheck
- Closer mounts hinge side, top jamb or parallel arm when either the RW/PA or HW/PA arm is specified
- Non-handed for left or right swinging doors
- Heat-treated pinion and steel piston
- Universal screw pack for aluminum, hollow metal, and wood doors, includes self reaming, and tapping screws
- Staked valves
- Meets ANSI A117.1
- ANSI/BHMA A156.4, grade 1
- UL listed and compliant to UL10C and UBC 7-2 (1997)
- Cover is UL approved for use in fire rated assemblies
- 10-year warranty
- Retrofittable to Norton 1600 hole pattern

## Listings and ratings

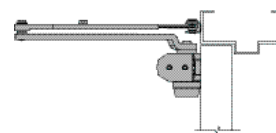
The Falcon SC60A is UL listed and compliant to UL10C and UBC 7-2 (1997). Additionally, the SC61A is designed to meet the American Disabilities Act (ADA) and ANSI A117.1. The SC60A Series is rated ANSI/BHMA A156.4, Grade 1.

## SC60A Series hinge (pull side)

To 120°	11 13/16" - 300mm
121° to 180°	8 1/4" - 210mm



To 120°	5 9/16" - 141mm
121° to 180°	2 9/16" - 65mm



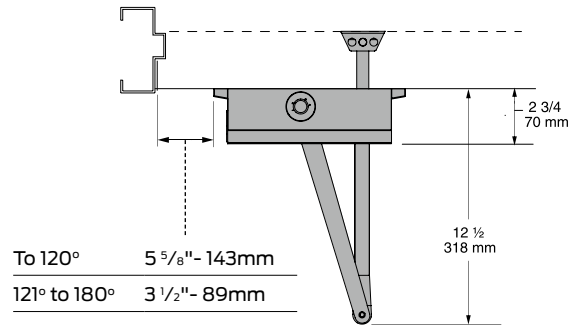
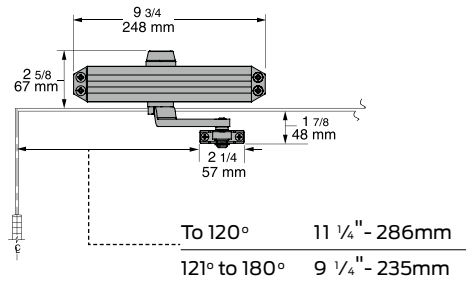
**Butt hinges** should not exceed 5" (127mm) in width.

**Auxiliary stop** is recommended at hold-open point or where a door cannot swing 180°.

**Reveal** should not exceed 3/4" (19mm) for regular arm or hold-open arm.

**Clearance** of 2 3/4" (70mm) behind door required for 90° installation.

## SC60A Series top jamb (push side)

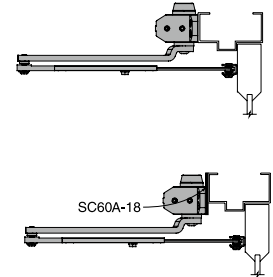


**Butt hinges** should not exceed 5" (127mm) in width.

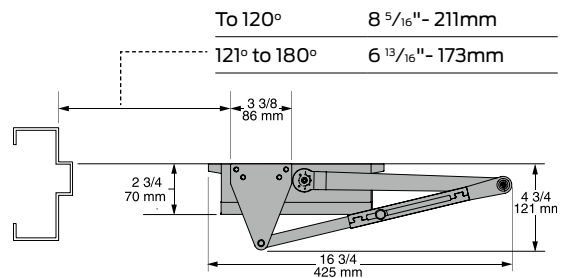
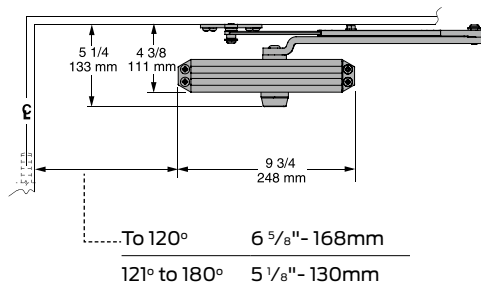
**Auxiliary stop** is recommended at hold-open point or where a door cannot swing 180°.

**Reveal** should not exceed 3 1/4" (83mm) for regular arm or hold-open arm.

**Head frame** less than 2 5/8" (69mm) requires plate SC60A-18.



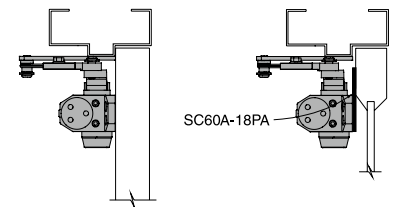
## SC60A Series parallel (push side)



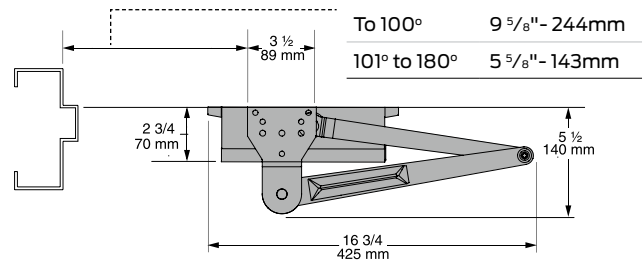
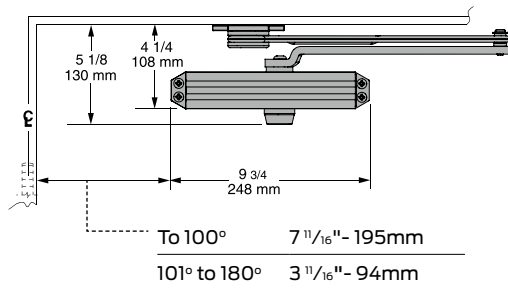
**Butt hinges** should not exceed 5" (127mm) in width.

**Auxiliary stop** is recommended at hold-open point or where a door cannot swing 180°.

**Top rail** less than 4 3/8" (111mm) measured from stop requires plate SC60A-18PA.



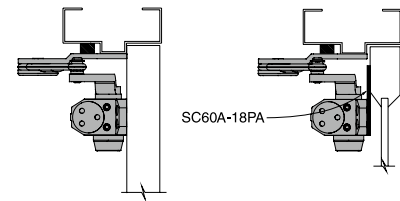
## SC60A Series heavy duty (parallel)



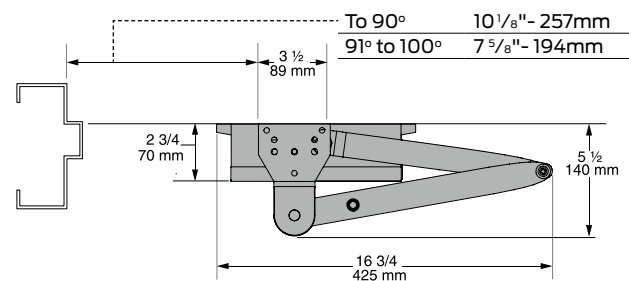
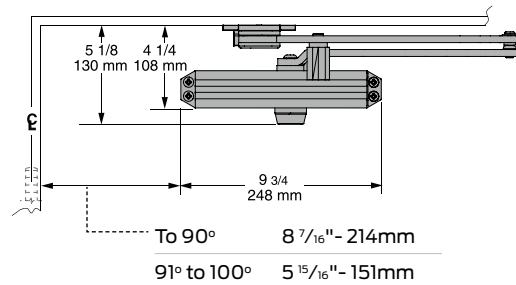
**Butt hinges** should not exceed 5" (127mm) in width.

**Auxiliary stop** is recommended at hold-open point, where a door cannot swing 180° or where Dead stop or Spring-n-stop arm is not used.

**Top Rail** less than 4 1/4" (108mm) measured from stop requires plate SC60A-18PA.

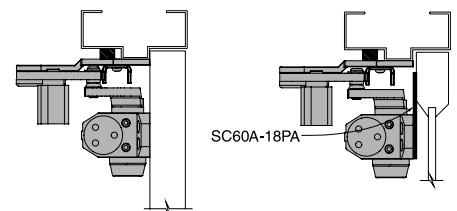


## SC60A Series dead stop HO (parallel)



**Butt hinges** should not exceed 5" (127mm) in width.

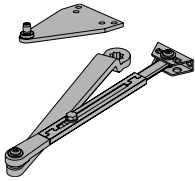
**Top rail** less than 4 1/4" (108mm) measured from stop requires plate SC60A-18PA.





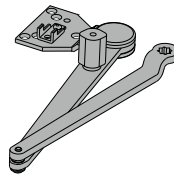
## Arm types

All SC60A Series closers come with standard arm and screw pack.



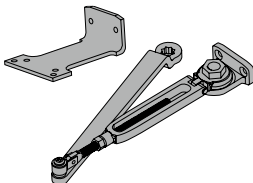
### Regular arm, SC60A-3077PA

Non-handed arm with adjustable forearm assembly to accommodate a range of doors and frame reveal conditions. Mounts hinge side, top jamb or parallel arm. PA shoe included to allow installation in a parallel arm configuration.



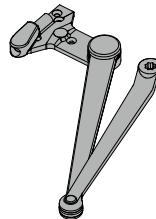
### Dead stop hold-open arm, SC60A-3049DS

Optional, non-handed, stamped, heavy duty, hold-open parallel arm includes a positive mechanical stop and non-adjustable forearm assembly for high volume traffic or potentially abusive installation conditions. Also includes a manually selective hold-open function.



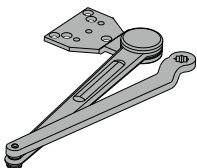
### Hold-open arm, SC60A-3049PA

Optional, non-handed, hold open arm with adjustable forearm assembly to accommodate a range of doors and frame reveal conditions. Mounts hinge side, top jamb or parallel arm. PA shoe included to allow installation in a parallel arm configuration.



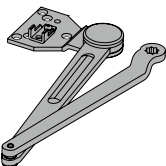
### Spring-n-stop arm, SC60A-3077SS

Optional, non-handed, extra heavy-duty, forged parallel arm includes an integral spring stop and non-adjustable forearm assembly for high volume traffic or potentially abusive installation conditions.



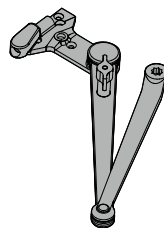
### Heavy duty regular arm, SC60A-3077HD

Optional, non-handed, stamped, heavy duty, parallel arm for use in high-traffic applications.



### Dead stop arm, SC60A-3077DS

Optional, non-handed, stamped, heavy duty, parallel arm includes a positive mechanical stop and non-adjustable forearm assembly for high volume traffic or potentially abusive installation conditions.



### Spring-n-stop hold-open arm, SC60A-3049SS

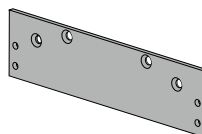
Optional, non-handed, extra heavy-duty, forged parallel arm includes an integral spring stop and non-adjustable forearm assembly for high volume traffic or potentially abusive installation conditions. Also includes a manually selective hold-open function.

## Installation accessories



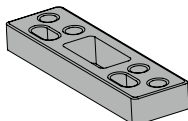
### Soffit shoe support, SC60A-30

Provides anchorage for fifth screw used with soffit shoe, where reveal is less than  $3 \frac{1}{16}$ " (78mm).



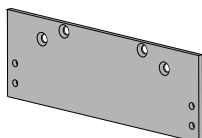
### Plate, SC60A-18

Required for top jamb mounting where head frame is less than  $1 \frac{3}{4}$ " (44mm).



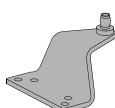
### Blade stop spacer, SC60A-61

Required to lower parallel arm shoe to clear  $\frac{1}{2}$ " (13mm) blade stop.



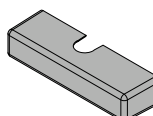
### Plate, SC60A-18PA

Required for parallel arm mounting where top rail is less than  $4 \frac{3}{8}$ " (111mm) for PA,  $4 \frac{1}{4}$ " (108mm) for HD and DS, measured from the stop. Plate requires  $2 \frac{3}{8}$ " (60mm) minimum top rail measured from stop.



### Auxiliary shoe, SC60A-62A

Requires a top rail of 7" (178mm). Optional shoe replaces PA shoe for parallel arm mounting of regular arm with overhead holder/stop.



### Cover, SC60A-72

Optional, non-handed, slim line plastic cover. Designed for SC60A series.

# SC90A Series



Designed for light-duty interior applications the Falcon SC90A closer ensures smooth, reliable operation. The SC90A is backed by a ten-year warranty and is preset for easy installation.

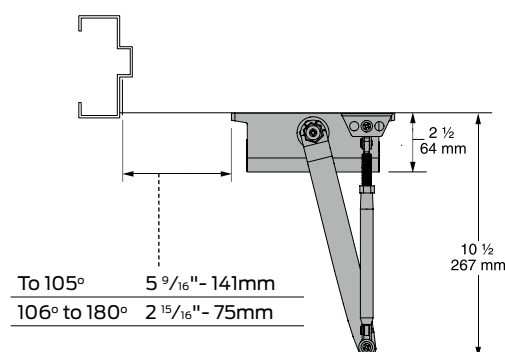
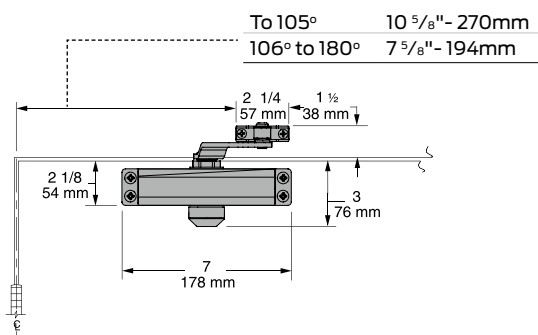
## Standard features

- Single piece cast aluminum body
- Fixed sizes 1, 3 and 4
- Separate adjustable general speed and latch speed
- SC90A closer mounts hinge side, top jamb, or parallel arm when the RW/PA arm is specified
- Non-handed for left or right swinging doors
- Heat-treated pinion and steel piston
- SC93A/94A comes standard with a universal screw pack for aluminum, hollow metal, and wood doors, includes self reaming and tapping screws
- Meets ANSI A117.1
- Listed ANSI/BHMA A156.4, grade 3
- Comes standard with adjustable backcheck; optional no backcheck available
- SC93A/94A is UL listed and compliant to UL10C and UBC 7-2 (1997)
- 10-year warranty
- Offered in aluminum and dark bronze finish

## Listings and ratings

The Falcon SC93A/94A Series is UL approved and compliant with the UL 10C and UBC 7-2 (1997) fire test. Additionally the SC91A closers are designed to meet the American Disabilities Act (ADA) and ANSI A117.1. The SC90A Series is listed ANSI/BHMA A156.4, Grade 3.

## SC91A Hinge (pull side)

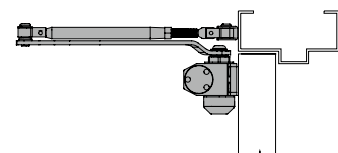


**Butt Hinges** should not exceed 5" (127mm) in width.

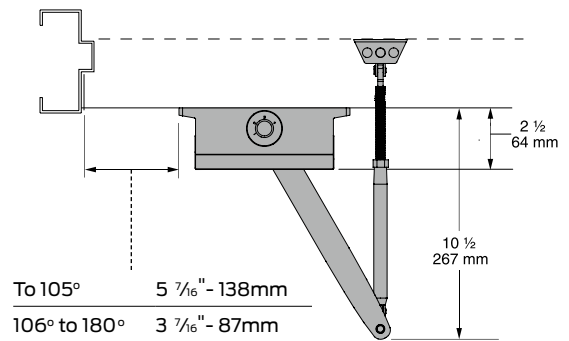
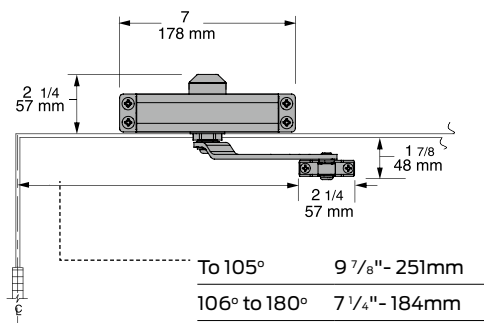
**Auxiliary Stop** is recommended at hold-open point or where a door cannot swing 180°.

**Reveal** should not exceed 3/4" (19mm) for regular arm.

**Clearance** of 2 1/2" (64mm) behind door required for 90° installation.



## SC91A Top jamb (push side)

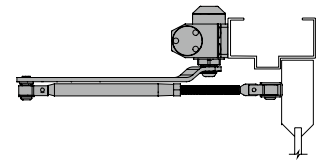


**Butt hinges** should not exceed 5" (127mm) in width.

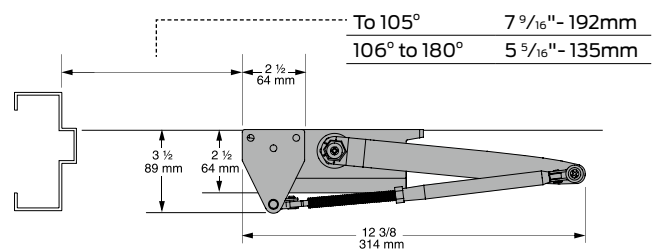
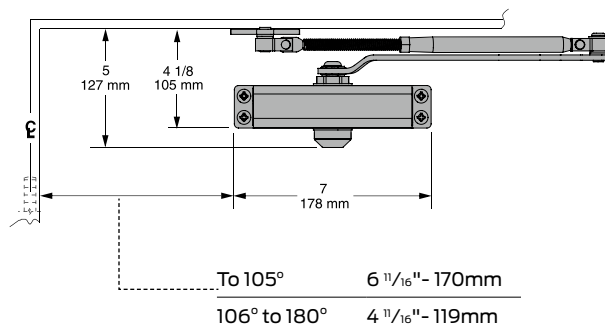
**Auxiliary stop** is recommended at hold-open point or where a door cannot swing 180°.

**Reveal** should not exceed 2" (51mm) for regular arm or hold-open arm.

Note: Top jamb mount is only available with the regular arm.

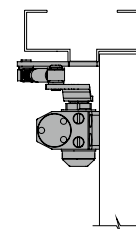


## SC91A Parallel (push side)



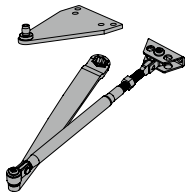
**Butt hinges** should not exceed 5" (127mm) in width.

**Auxiliary stop** is recommended at hold-open point or where a door cannot swing 180°.



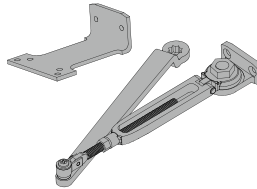
## Arm types and accessories

All SC91A closers come with standard arm. Optional pinion caps are also available for replacement.



### Regular arm, SC91A-3077PA

Non-handed arm with adjustable forearm assembly to accommodate a range of doors and frame reveal conditions. Mounts hinge side, top jamb or parallel arm. PA shoe included to allow installation in a parallel arm configuration. Available only on SC91A closers.



### Hold-open arm, SC91A-3049PA

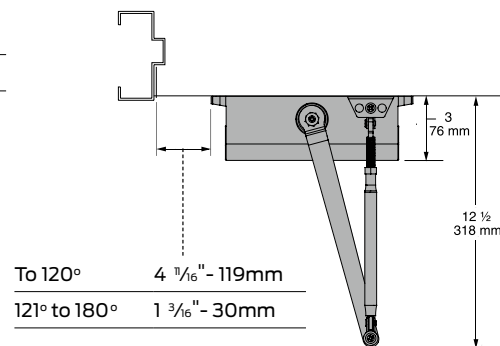
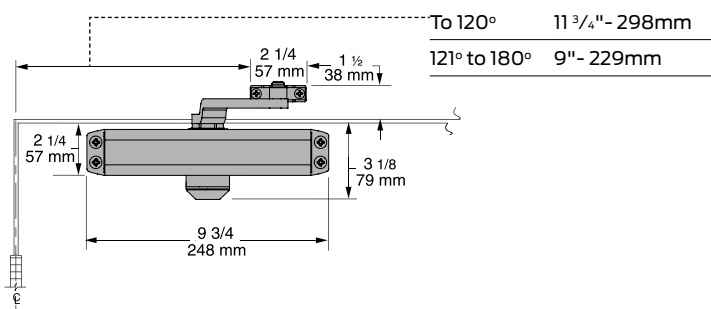
Optional, non-handed, hold open arm with adjustable forearm assembly to accommodate a range of doors and frame reveal conditions. Mounts hinge side, top jamb or parallel arm. PA shoe included to allow installation in a parallel arm configuration. Available only on SC91A closers.



### Pinion cap, SC91A

Available for replacement with SC91A.

## SC93A/94A Hinge (pull side)

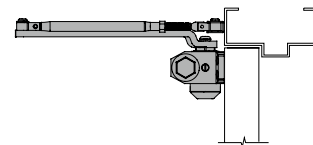


**Butt hinges** should not exceed 5" (127mm) in width.

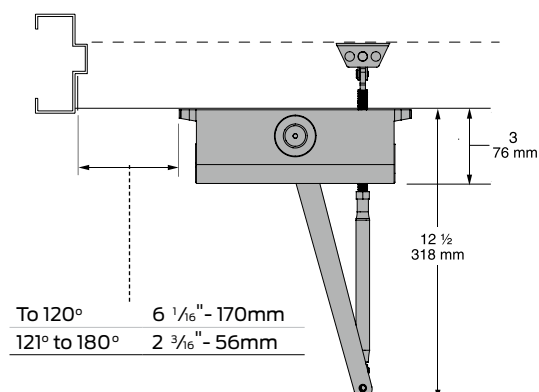
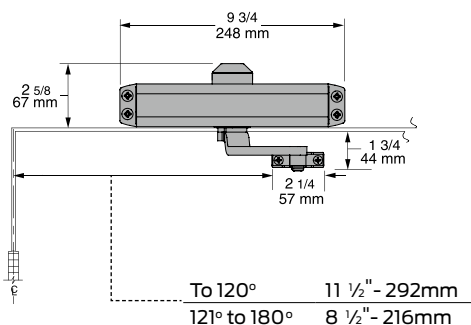
**Auxiliary stop** is recommended at hold-open point or where a door cannot swing 180°.

**Reveal** should not exceed 3/4" (19mm) for regular arm.

**Clearance** of 3" (76mm) behind door required for 90° installation.



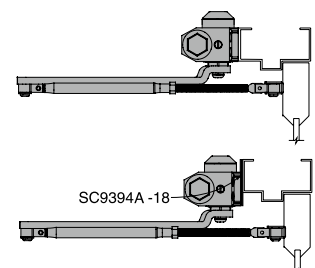
## SC93A/94A Top jamb (push side)



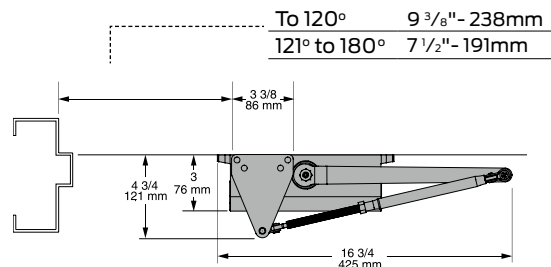
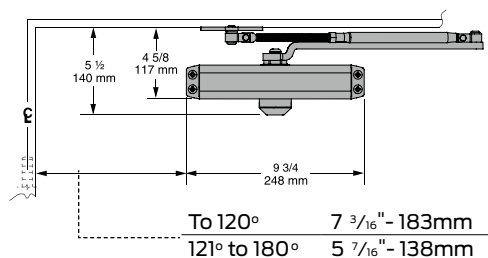
**Butt hinges** should not exceed 5" (127mm) in width.

**Auxiliary stop** is recommended at hold-open point or where a door cannot swing 180°.

**Reveal** should not exceed 3 1/4" (83mm) for regular arm.

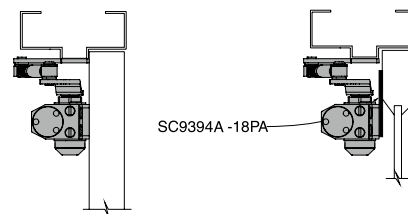


## SC93A/94A Parallel (push side)



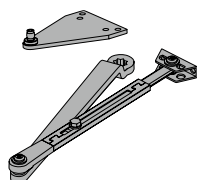
**Butt hinges** should not exceed 5" (127mm) in width.

**Auxiliary stop** is recommended at hold-open point or where a door cannot swing 180°. Backcheck closer with the backcheck option requires 105° mounting.



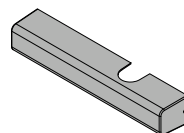
## Arm type and accessories

All SC93A/94A closers come with standard arm and screw pack. Optional accessories available for order.



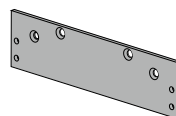
### Regular arm, SC90A-3077PA

Non-handed arm with adjustable forearm assembly to accommodate a range of doors and frame reveal conditions. Mounts hinge side, top jamb or parallel arm. PA shoe included to allow installation in a parallel arm configuration. Available with SC93A/94A only.



### Slim cover, SC90A-72

Optional non-handed, slim plastic cover. Available only with SC93A.



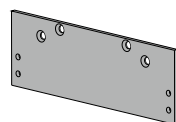
### Plate, SC90A-18

Required for top jamb mounting where head frame is less than 1 3/4" (44mm) or flush ceiling conditions exists. Available only with SC93A/94A.



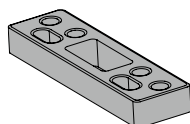
### Soffit shoe support, SC90A-30

Provides anchorage for fifth screw used with soffit shoe, where reveal is less than 3 1/16" (78mm).



### Plate, SC90A-18PA

Required for parallel arm mounting where top rail is less than 4 5/8" (117 mm), measured from the stop. Plate requires 2 1/8" (54mm) minimum top rail measured from stop. Available only with SC93A/94A.



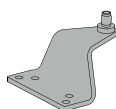
### Blade stop spacer, SC90A-61

Required to lower parallel arm shoe to clear 1/2" (13mm) blade stop.



### Pinion cap, SC90A

Available for replacement with SC93A/94A.



### Auxiliary shoe, SC90A-62A

Requires a top rail of 7" (178mm). Optional shoe replaces PA shoe for parallel arm mounting of regular arm with overhead holder/stop.

# OHC100 Series



Overhead concealed closers control door opening and closing, while providing an aesthetically pleasing design option for both interior and exterior use. The Falcon OHC100 Series is used with aluminum doors and frames, providing years of maintenance-free performance.

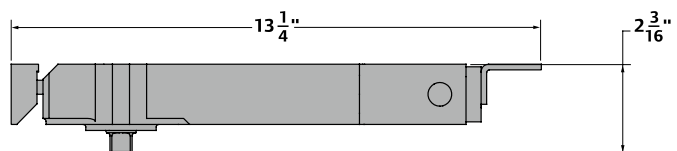
## Standard features

- Economical option for overhead concealed closer
- Retrofittable, matches Jackson hole pattern
- Cast iron construction ensures lasting durability
- Fits inside standard aluminum frame header for improved aesthetics and increased security.
- 90° and 105° standard opening with optional hold-open
- Multiple size options available:
  - OHC 101 adjustable sizes 1-3
  - OHC 100 adjustable sizes 3-5
- Meets UL228
- 5 - year warranty

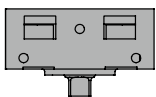
**Top view**



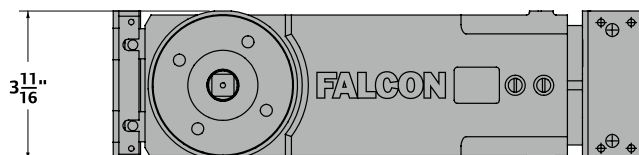
**Side view**



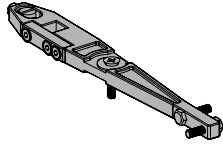
**End view**



**Bottom view**

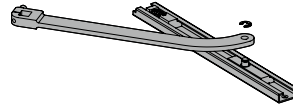


## Installation accessories



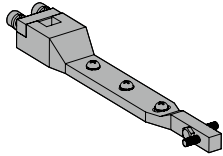
**"S" arm, OHC100-SL,  
OHC100A-SL**

Non-handed arm, side load,  
center hung, steel forge.



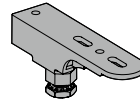
**"VO" arm, OHC100-VO,  
OHC100A-VO**

Non-handed arm, offset arm w/  
slide channel, steel forge.



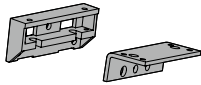
**"A" arm, OHC100-EL, OHC100A-EL**

Non-handed arm, end load, center  
hung, steel forge.



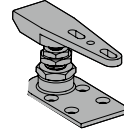
**"GE" pivots, OHC100-GE,  
OHC100A-GE**

Non-handed, adjustable height,  
center hung, used with side load  
arm.



**"AFK" mounting brackets, OHC100-AFK**

Provides anchorage for adjustable size  
cylinder to the door frame.



**"DP" pivots, OHC100-DP,  
OHC100A-DP**

Non-handed, adjustable height,  
center hung, used with end load  
arm.

## 8200 Series

### The automatic operator that changes everything

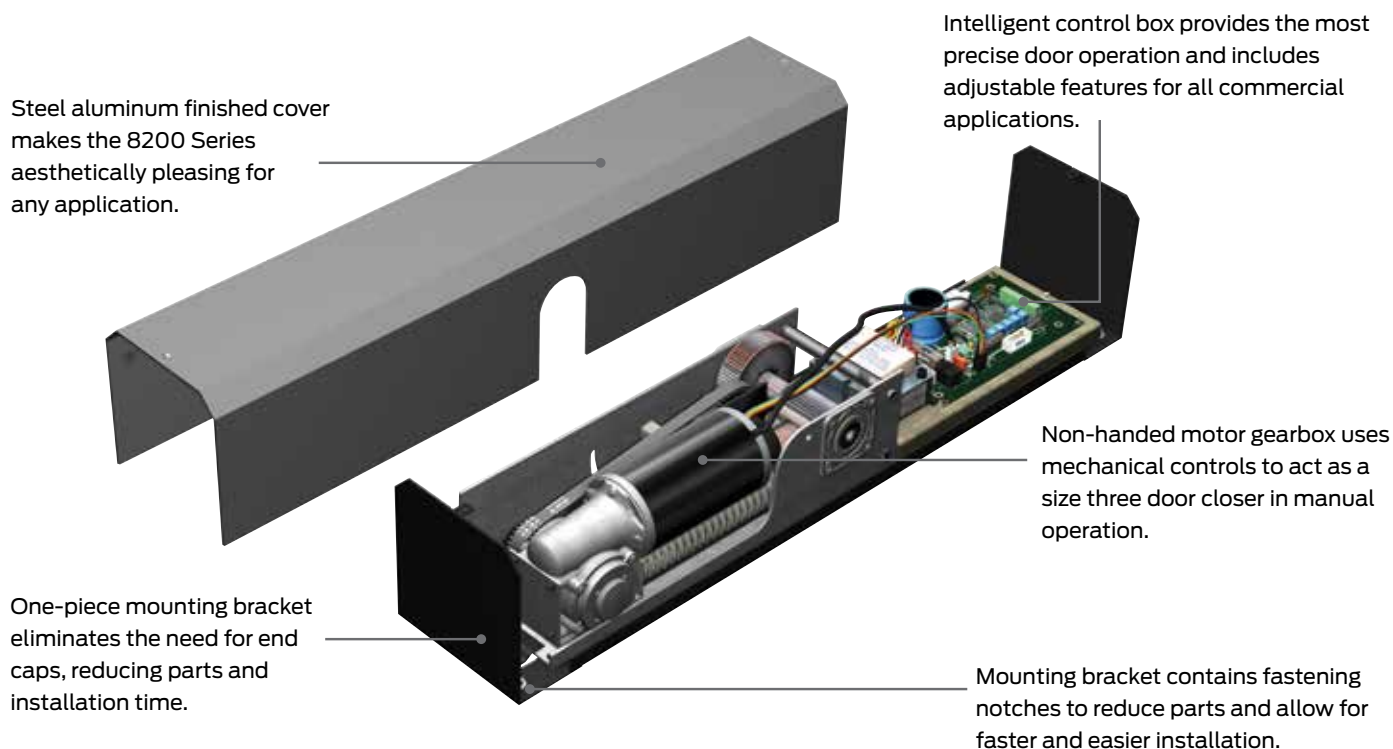
#### Beauty, value and versatility are now automatic

When you need a smart solution to improve accessibility the Falcon 8200 Series fits perfectly. Designed for applications like assisted living and ambulatory care, where ease of use is critical, the Falcon automatic operator provides dependable performance at an affordable price point. Everything you need is right in the box, making installation quick and simple. All necessary features are built right in, so configuring the closer is simple and you can easily make more openings more accessible than ever.

#### Designed to fit perfectly

The small footprint and elegant design of the Falcon 8200 Series make it a perfect solution for a range of applications.

• Assisted living • Hospitality • Retail • Small office • Restaurants • Ambulatory care







The Falcon 8200 Series automatic operator ensures smooth, convenient door opening for areas requiring easy accessibility and ADA compliance. This versatile device can also be easily integrated into electrified openings with our wireless accessory offering. Choose the 8231 for pull side or the 8242 for push side installation.



**SmartLatch** – Senses and overcomes external pressure conditions with a graduated energy assist for secure latching.



**Push 'n' Go** – Selectable feature allows door to open automatically as soon as it feels pressure.



**Open position learning** – Automatically sets the opening position and detects obstructions to eliminate wall and door damage.



**Pre-load strike assist** – Removes load on strike lip with a one second delay allowing the door to release and automatically open.



**LED light illumination** – Light illumination on control box signals accurate installation and helps with connection diagnostics.



**On board power supply (12 VAC)** – Powers actuators and receivers without the need to install an external power supply.

### Specifications

Header length	26"
Mounting	Surface mount
Handing	Non-handed
Cycle tested	1 million gear box
Door weight	200 pounds

Consult technical services for use on doors over 200 lbs.

Adjustable features:

Hold-open time delay  
Backcheck speed  
Backcheck/latch position  
Opening/closing speed

## Actuators and accessories



8310-852T shown

### 6" Round – text with logo

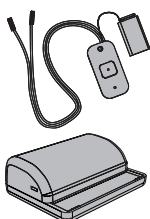
8310-852T	Push plate, wall mount
8310-869F	Mounting box, flush
8310-869S	Mounting box, surface
8310-802	Weather ring



8310-818T shown

### 1 1/2" x 4 3/4" Jamb – text with logo

8310-818T	Push plate, jamb mount
8310-819F	Mounting box, flush
8310-819S	Mounting box, surface

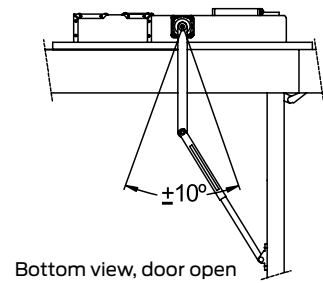
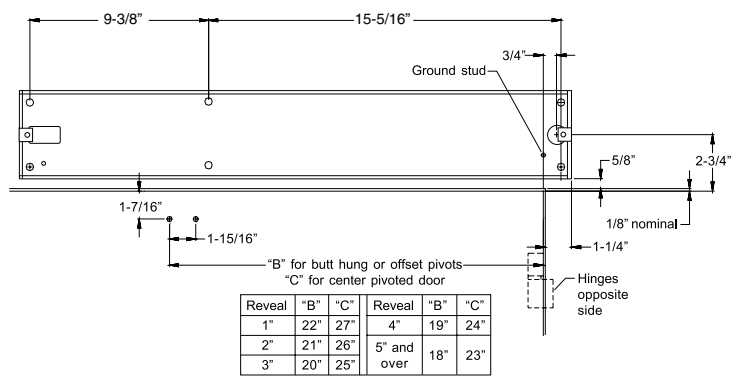


8310-844J and  
8310-865 shown

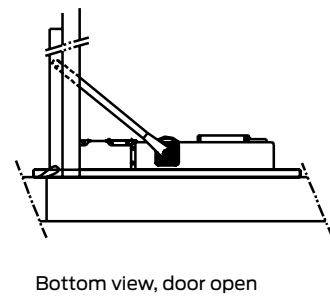
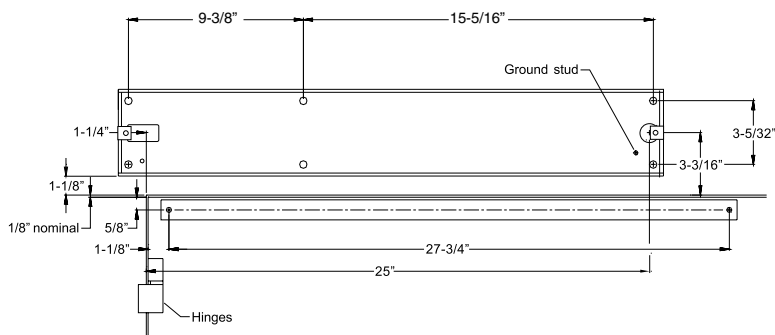
### Wireless transmitters & receiver

8310-844	Transmitter, wall mount (to be used with 6" round wall mounted actuator)
8310-844J	Transmitter, Jamb mount (to be used with 1 1/2" x 4 3/4" jamb actuator)
8310-861	Transmitter, Handheld (single button wireless handheld transmitter)
8310-865	Receiver (wireless receiver with sequencing function)

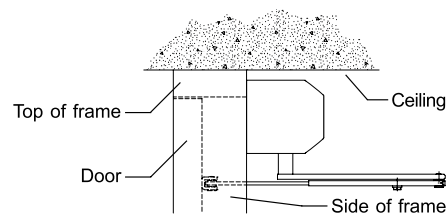
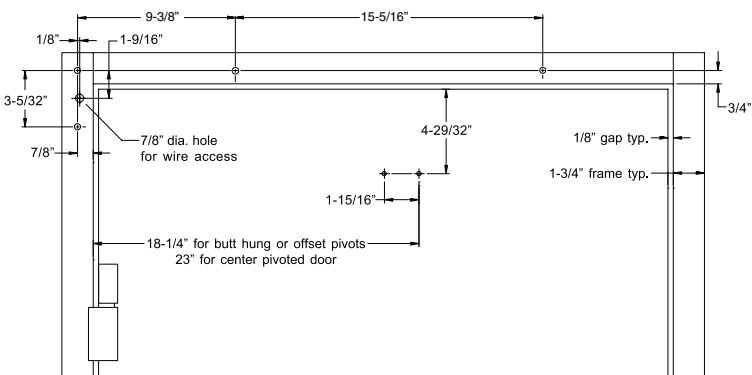
26" Push system



26" Pull system



26" Drop system (push system only)



# How to order

## SC70A Series

		Cylinder	Cover	Arm	Finish	Accessories
<b>STD**</b>	SC71A Standard					
<b>DEL</b>	SC71A Delay					
<b>Full cover</b>	SC70A-72					
<b>RW/PA**</b>	Regular with parallel arm shoe					
<b>HW/PA**</b>	Hold open with parallel arm shoe					
<b>HD**</b>	Heavy duty arm					
<b>DS**</b>	Dead stop arm					
<b>DS/HO</b>	Dead stop hold open arm					
<b>SS</b>	Spring stop arm					
<b>SS/HO</b>	Spring stop hold open arm					
<b>FA</b>	Forged arm					
<b>FA/HO</b>	Forged arm with hold open					
<b>Matte black**</b>	622					
<b>Aluminum</b>	689					
<b>Dark bronze</b>	695					
<b>Brass*</b>	696					
<b>Soffit shoe support</b>	SC70A-30					
<b>Blade stop spacer</b>	SC70A-61					
<b>Auxiliary shoe</b>	SC70A-62A					
<b>Top jamb plate</b>	SC70A-18					
<b>PA Plate</b>	SC70A-18PA					
<b>Full cover</b>	SC70A-72					

\*Contact customer service at 1-877-671-7011 for lead time information.

\*\*Matte Black (622) is only available on standard cylinders and RW/PA, HW/PA, DS and HD.

Note: SC71A models are adjustable sizes 1-6

## SC80A Series

		Cylinder	Cover	Arm	Finish	Accessories
<b>STD**</b>	SC81A Standard					
<b>DEL</b>	SC81A Delay					
<b>Slim cover</b>	SC80A-72					
<b>Full cover</b>	SC80A-72FC (optional, please specify)					
<b>RW/PA**</b>	Regular with parallel arm shoe					
<b>HW/PA**</b>	Hold open with parallel arm shoe					
<b>HD</b>	Heavy duty arm					
<b>DS**</b>	Dead stop arm					
<b>DS/HO</b>	Dead stop hold open arm					
<b>SS</b>	Spring stop arm					
<b>SS/HO</b>	Spring stop hold open arm					
<b>Matte black **</b>	622					
<b>Aluminum</b>	689					
<b>Dark bronze</b>	695					
<b>Brass*</b>	696					
<b>Soffit shoe support</b>	SC80A-30					
<b>Blade stop spacer</b>	SC80A-61					
<b>Auxiliary shoe</b>	SC80A-62A					
<b>Top jamb plate</b>	SC80A-18					
<b>Top jamb plate - full cover</b>	SC80A-18FC					
<b>PA Plate</b>	SC80A-18PA					
<b>PA Plate - full cover</b>	SC80A-18PAFC					
<b>Slim cover</b>	SC80A-72					
<b>Full cover</b>	SC80A-72FC					

\* Contact customer service at 1-877-671-7011 for lead time information.

\*\* Matte Black (622) is only available on standard cylinders and RW/PA, HW/PA, and DS.

Note: SC81A models have adjustable sizes 1-6

## SC60A Series

		Cylinder	Cover	Arm	Finish	Accessories
<b>STD**</b>	SC61A Standard					
<b>Slim cover</b>	SC60A-72 (optional, available with SC61A only, please specify)					
<b>RW/PA**</b>	Regular with parallel arm shoe					
<b>HW/PA**</b>	Hold open with parallel arm shoe					
<b>HD</b>	Heavy duty arm					
<b>DS**</b>	Dead stop arm					
<b>DS/HO</b>	Dead stop hold open arm					
<b>SS</b>	Spring stop arm					
<b>SS/HO</b>	Spring stop hold open arm					
<b>Matte black**</b>	622					
<b>Aluminum</b>	689					
<b>Dark bronze</b>	695					
<b>Brass</b>	696					
<b>Soffit shoe support</b>	SC60A-30					
<b>Blade stop spacer</b>	SC60A-61					
<b>Auxiliary shoe</b>	SC60A-62A					
<b>Top jamb plate</b>	SC60A-18					
<b>PA Plate</b>	SC60A-18PA					
<b>Slim cover</b>	SC60A-72					

\*\*Matte Black (622) is only available on standard cylinders and RW/PA, HW/PA, and DS arms.

Note: SC60A Series comes standard with less cover and all models have adjustable sizes 1-5.

## SC90A Series

		Cylinder	Size	Cover	Arm	Finish	Accessories
<b>STD*</b>	Standard						
<b>LBC</b>	Less backcheck option						
<b>1</b>	SC91A						
<b>3</b>	SC93A						
<b>4</b>	SC94A						
<b>Slim cover</b>	SC90A-72 (only available on SC93A/94A)						
<b>RW/PA</b>	Regular with parallel arm shoe						
<b>HW/PA</b>	Hold open with parallel arm shoe (only available on SC91A)						
<b>Soffit shoe support</b>	SC90A-30						
<b>Blade stop spacer</b>	SC90A-61						
<b>Auxiliary shoe</b>	SC90A-62A						
<b>Aluminum</b>	689						
<b>Dark bronze</b>	695						
<b>Plate</b>	SC90A-18 (available with SC93A/94A only)						
<b>Plate PA</b>	SC90A-18PA (available with SC93A/94A only)						
<b>Slim cover</b>	SC90A-72 (available with SC93A/94A only)						

\*STD comes with less cover and adjustable backcheck.

## OHC100 Series

OHC100 Series			Cylinder	Size	Arm finish	Arm	Accessories
STD 90°	Standard	Hold Open					
STD 105°							
HO 90°							
HO 105°							
1-3	OHC101	Adjustable					
3-5	OHC100	Adjustable					
Dark bronze	695 (Only OCH100 cylinder finish; available on VO arms)						
Aluminum	689 (Only finish for OHC100 arms <b>except</b> VO arms)						
S	Side load arm						
A	End load arm						
VO	Offset arm and track						
AFK bracket							
GE pivot*							
DP pivot*							

\*Not available with VO arm type.

## 8200 Series

0200 Series

		Cylinder	Size	Cover	Finish	Arm	Accessories
<b>STD</b>	Standard						
<b>3</b>							
<b>Full cover</b>	26"						
<b>Aluminum</b>	689						
<b>Push</b>	8242						
<b>Pull</b>	8231						
<b>Order separate</b>	8310-XXX						

## Cylinder options

**Standard cylinder (STD)** – Standard cylinder provides a main speed function to control the motion of the door from maximum opening angle until the door is a few inches from the latch where latch function controls the final closing motion. The opening swing is controlled by the hydraulic backcheck function from about 70° to maximum opening angle.

**Delayed action cylinder (DEL)** – Special cylinder provides a separate adjustable delayed closing motion from maximum opening angle to approximately 70°. Then the main speed function controls the door motion until the door is a few inches from the latch where latch function controls the final closing motion. During the opening swing the door is controlled by the hydraulic backcheck function from about 70° to maximum opening angle.

## Competitive cross reference

### Surface closer cross reference

Falcon	SC60A	SC70A	SC80A	SC90A
Norton	*1600BC	*7500/ 7700	*8500	1700BC
Hager	*5300	5100	*5200	5400
Stanley	*D-1650	D-4550	D-3550	
Yale	*50/ 51BC/ 1100	*4400	3300/ *3500	5100BC
Sargent	*1130	280/350	*1330	
Corbin		DC8000	DC3000	
Dorma	7400	8900	*8600	7300/ 7200

\* identical footprint to listed Falcon closer.

### Concealed closer cross reference

Falcon	OHC100 Series
Dorma	RTS88
Global	TC7000
International	Series 200, Series 300, Series 500
Jackson	20-330
Kawneer	Husky II
Sentinel	30 Series

# Sample specifications

## Large cylinder closer

### 2.01 Closers and door control devices

- A. Where manual closers are indicated for doors required to be accessible to the physically challenged, provide adjustable units complying with ANSI A117.1 provisions for door opening force and delayed action closing.
- B. Shall conform to ANSI A156.4, grade 1, NFPA 80, NFPA 101 and UL10C.
- C. Closers shall be aluminum construction with steel lever arms, independent adjusting valves for closing, latching and back check. Hydraulic regulation controlled by tamper-proof, non-critical screw valves. All closer adjustments shall be shielded by plastic cover after installation. Pressure relief valve, PRV, doors closers will not be permitted.
- D. Full rack-and-pinion type closer, single-piece forged piston, chrome silicon steel spring, non-critical screw valves; backcheck, main speed and latch.
- E. Closers to be non-sized, field adjustable from size 1 to 6.
- F. Furnish all large cylinder non-sized closers with minimum 1 ½" diameter piston.
- G. Install closers to allow maximum degree of opening, position backcheck to activate well in advance of the stop position to cushion the swing and prevent door and frame damage. Do not use door closer to stop door travel. Unless specified, install closers with thru-bolt mounting method on metal and wood doors. Do not use thru bolt if there has been special blocking specified in the wood door specification. Coordinate with the wood door specification.
- H. Available manufacturers: Subject to compliance with requirements. See competitive cross reference above.

# Warranty

Falcon Door Hardware warrants its mechanical offering of locks, exit devices and door controls products manufactured to be free from defects in materials and workmanship for a period of **ten (10) years** from the date of manufacture with the exception of the products detailed in the table below. The terms and conditions of this new warranty apply to Falcon Door Hardware shipments made on or after November 1<sup>st</sup>, 2008.

This limited warranty does not cover products that (i) are not the proper size for the application; (ii) are not installed in accordance with Falcon’s published installation instructions; (iii) are installed with improper or incorrect parts; (iv) have been, in the opinion of Falcon, modified, repaired, or altered in any way without the express written consent of Falcon; (v) are used for purposes which they are not designed or intended; (vi) are subjected to misuse, abuse, negligence, or accident; or (vii) are grade 2 products used in educational facilities. The following costs and expenses are not covered by the provisions of this limited warranty; (i) labor costs for the removal and reinstallation of products; (ii) shipping and freight expenses required to return products to Falcon; (iii) normal maintenance; and (iv) economic losses.**The previsions of this warranty do not apply to finishes.**

Falcon will replace the products which, in the opinion of Falcon, are found to be defective, provided said products are returned to Falcon.

FALCON SHALL IN NO EVENT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES FOR ANY CLAIM WHETHER BASED ON CONTRACT; WARRANTY, TORT (INCLUDING, BUT NOT LIMITED TO, STRICT LIABILITY OR NEGLIGENCE), PATENT INFRINGEMENT, OR OTHERWISE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

This limited warranty is in place of all other warranties, expressed or implied, and excludes any warranties of fitness for a particular purpose or merchantability. No agent, representative, dealer, or employee of Falcon has the authority to increase or alter the obligations of this limited warranty.

Note: Should the Product be considered a “consumer product” as may be covered by the Magnuson-Moss Federal Warranty Act, please be advised that: (1) Some states do not allow limitations on incidental or consequential damages or how long an implied warranty lasts, so that the above limitations may not fully apply; and (2) This warranty gives specific legal rights and a user may have rights which may vary from state to state.

Falcon, Allegion, 121 West Railroad Avenue, Princeton, IL 61356

Product Exception	Warranty
OHC100A Concealed closer	5 years
Electronics/electrified	1 years





## About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries.

For more, visit **[www.allegion.com](http://www.allegion.com)**

*aptiQ* ■ LCN ■ **SCHLAGE** ■ STEELCRAFT ■ VON DUPRIN

**FALCON®**

# K Series

Grade 1 cylindrical lever locks



# Falcon K Series

4	Overview
5	Features and specifications
6	Designs and finishes
7	Functions
8	Cylinders
9	Competitive keyways
10	Options and accessories
11	Competitive cross-reference
11	How to order
11	Warranty

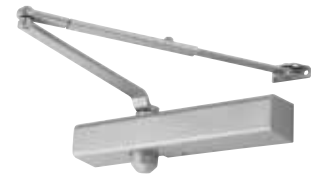
The Falcon K Series will be available through ProExpress™ in August 2015, and through standard orders in fourth quarter 2015. Please reference the ProExpress™ and Falcon price books for product availability.

For more information about Falcon visit  
[www.falconlock.com](http://www.falconlock.com)

Product related questions?  
Contact **877.671.7011**



Falcon offers solid products at a solid price to fit your every need. Offering a full portfolio of locks, exits and closers, Falcon can provide a complete door solution – all under one brand name.



# Falcon

## Cylindrical lock portfolio

A cylindrical lock, also commonly referred to as a bored lock, is a lock in which a large hole is bored into the face of a door and a smaller cross-bore hole is bored into the door edge.

When purchasing a lock, it is important to consider all of the variables. Outside of the standard considerations such as door type, door thickness, frame size, and backset, it is also important to consider the lock's application.

High traffic, high abuse door openings demand a Grade 1 lock in order to keep doors secure. The Falcon K Series was designed for applications such as interior office doors or busy public restrooms. When quality and reliability are needed but cost is a concern, the certified ANSI/BHMA Grade 1 Falcon K Series can do the job.



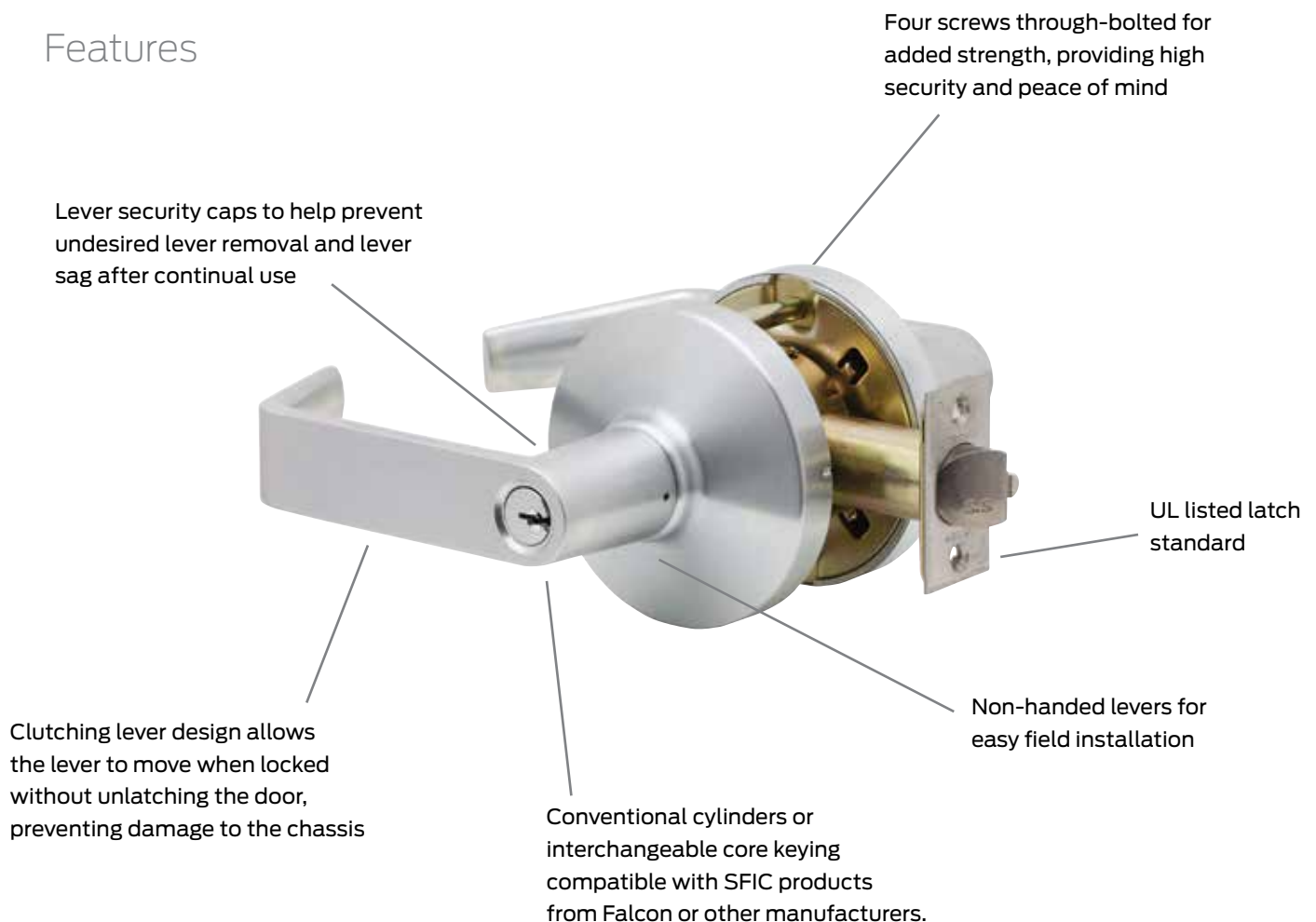


# K Series

Grade 1 cylindrical lever locks

High traffic, high abuse door openings demand a Grade 1 quality lock to keep doors secure. When quality and reliability are needed but cost is a concern, the certified ANSI/BHMA Grade 1 Falcon K Series can do the job. The Falcon K Series gets back to basics by offering the most common functions, lever styles and finishes at an affordable price. The K Series features conventional cylinders and small format interchangeable cores that are compatible with SFIC products from other manufacturers. Our conventional cylinders are available in all Falcon conventional key sections, as well as Schlage C keyway, which is now masterkeyed across the complete Falcon product line.

## Features



## Features

**ANSI/BHMA:** Meets ANSI/BHMA A156.2, Series 4000, Grade 1.

**UL:** UL10C 3 hour A label.

**Door thickness:** Adjustable 1 <sup>3</sup>/<sub>8</sub>" to 2 <sup>1</sup>/<sub>4</sub>". Comes set for a 1 <sup>3</sup>/<sub>4</sub>" thick door standard.

**Backset:** 2 <sup>3</sup>/<sub>4</sub>" standard. 2 <sup>3</sup>/<sub>8</sub>" optional.

**Mechanism:** Parts constructed of brass or cold formed steel, zinc plated and dichromated for rust resistance. Springs are stainless steel.

**Attachment:** Lock chassis secured to door by threaded mounting screws. Completely preassembled outer trim and inner spindle assembly are through-bolted both through and over chassis using four (4) screws to provide strength and resistance to loosening. Adding rose and lever to inner spindle assembly completes installation.

**Handing:** Locks are non-handed.

**Cylinders:** Drilled with 6-pin chambers, pinned in 5. Pinning in 6 chambers available when specified, at no cost. Cylinder assemblies removable to rekey. Also available with 6 or 7-pin small format interchangeable core (SFIC) cylinders. Cylinder housings and plugs machined from solid brass. Springs are stainless steel. Two nickel silver keys furnished standard.

**Keyways:** "G" keyway standard on conventional cylinders. "A" keyway standard on I/C core cylinders. Also available with some optional keyways.

**Trim:** Roses are heavy wrought brass or bronze, installed over pressure cast rose inserts which are through-bolted through door. Levers are pressure cast (solid levers—no inserts) material finished to match mating parts.

**Latches:** 2 <sup>1</sup>/<sub>4</sub>" x 1 <sup>1</sup>/<sub>8</sub>" square corner with 2 <sup>3</sup>/<sub>4</sub>" backset comes standard; 2 <sup>3</sup>/<sub>8</sub>" backset option available if specified. Radius corners for both 2 <sup>3</sup>/<sub>8</sub>" and 2 <sup>3</sup>/<sub>4</sub>" backsets available if specified. All latches are UL listed and conform to both beveled and non-beveled doors.

**Strikes:** 4 <sup>7</sup>/<sub>8</sub>" x 1 <sup>1</sup>/<sub>4</sub>" ANSI strike with curved lip to meet ANSI A115.2 door frame preparation standard.

**Screws:** Furnished with combination screws for use in wood or metal doors and frames.

## Specifications

Key-in-lever cylindrical locksets shall be Falcon lock K Series or equal and meet the following requirements:

- All locks shall meet the new ANSI/BHMA A156.2, Series 4000, Grade 1 for key-in-lever locksets.
- Locksets shall be UL Listed (3 hour A Label).
- Locksets shall be provided standard with a clutching lever design. When outside lever is locked, it is not rigid but will move freely without operating the latch bolt.
- Lever trim shall have individual torsion springs behind rose for lever return and to prevent lever sag. Trim shall be through bolted with four (4) screws to provide strength and resistance to loosening. Inner and outer trim shall "bottom out" to prevent door collapse. Roses shall be minimum of 3 <sup>1</sup>/<sub>2</sub>" diameter.
- All lever designs shall be solid and meet the federal ADA and state disability requirements. Inside levers shall be attached by allen-head set and lever catch to prevent tampering or vandalism.
- Locksets shall adjust to fit door thickness from 1 <sup>3</sup>/<sub>8</sub>" to 2 <sup>1</sup>/<sub>4</sub>".
- All locksets shall be non-handed and not require field disassembly for re-handing.
- Preparation for door must be non-handed.
- Cylinders to be secured by a dual retainer.

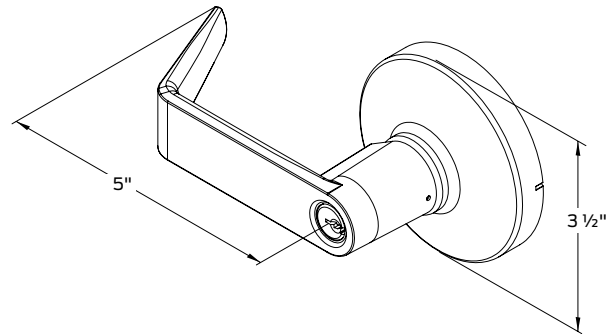
Acceptable manufacturer: Falcon Lock

# Designs and finishes

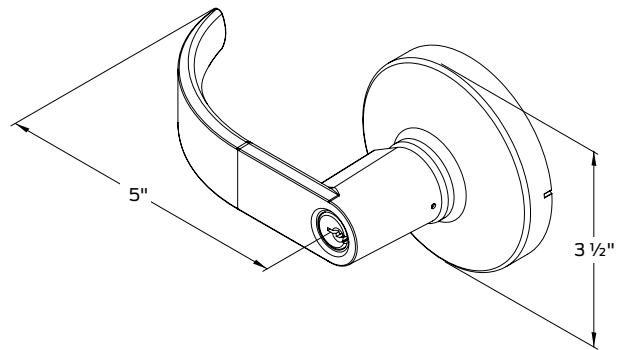
## Lever styles



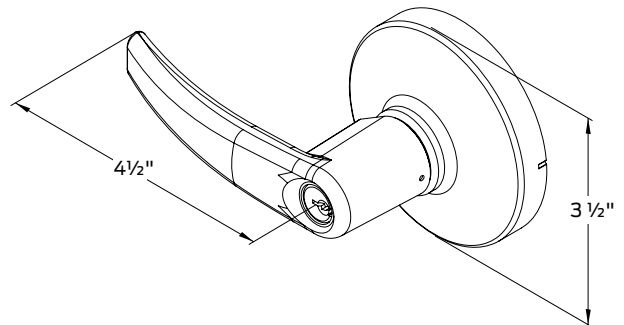
**Dane**



**Quantum**



**Avalon**



## Finishes



613  
Oil rubbed  
bronze









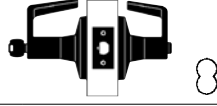
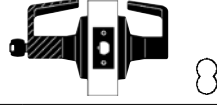

626  
Satin chrome



# Functions

The Falcon K Series offers the industry's most common cylindrical lock functions to cover all of your basic door requirements. Consult page 11 for ordering information and assistance.

 Indicates interchangeable core available.

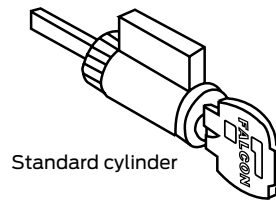
Catalog number	Function	Name	Description	ANSI no. & grade
K101		Passage/closet latchset	Latch bolt by levers at all times.	F75-1
K301		Privacy lock	Latch bolt by levers. Outside lever locked by push button in inside lever. Rotating inside lever or closing door releases push button. Emergency release in outside lever unlocks door.	F76-1
K501		Entry lock	Push button locking. Button on inside locks outside lever until unlocked by key or by rotating inside lever. Inside lever always free. Deadlocking latch bolt.	F82-1
K511		Entry/office lock	Turn/push button locking. Pushing and turning button locks outside lever requiring use of key until button is manually unlocked. Push button locking. Pushing button locks outside lever until unlocked by key or by rotating inside lever. Inside lever always free. Deadlocking latch bolt.	F109-1
K561		Classroom lock	Deadlocking latch bolt by levers. Outside lever is locked by key in outside lever. Inside lever is always free.	F84-1
K571		Corridor lock	Deadlocking latch bolt by levers except when locked by push button in inside lever. Key in outside lever locks or unlocks outside lever and releases button. Closing door releases push button. Inside lever always free.	F90-1
K581		Storeroom lock	Deadlocking latch bolt by lever inside or key outside. Outside lever is inoperable. Inside lever always free.	F86-1
K12		Dummy trim	Single trim-surface mounted rigid lever.	

# Cylinders

## Standard cylinders - 6-pin

Catalog number	Description
Q330-396	Falcon cylinder, G keyway, 6 pin
Q330-397	Falcon cylinder, G keyway, 6 pin to 5 pin
Q630-310	Falcon cylinder, G keyway, 6 pin, K571
Q630-311	Falcon cylinder, G keyway, 6 pin to 5 pin, K571
Q330-391	Schlage cylinder, C keyway, 6 pin
Q630-306	Schlage cylinder, C keyway, 6 pin, K571

Note: Specify finish: 606 or 626



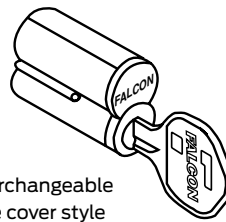
Standard cylinder

## Small format interchangeable core

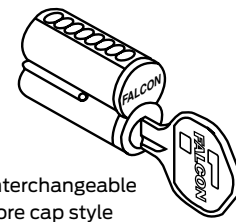
Catalog number	Description
C606 (6-pin), C607 (7-pin)	For use in all I/C keyed locks (cover style)
CB806 (6-pin), CB807 (7-pin)	For use in all I/C keyed locks (cap style)

Note: Specify finish: 606 or 626

Specify keyway: A (standard) or other keyway



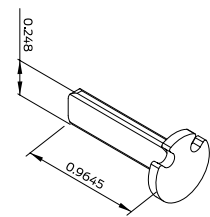
Interchangeable core cover style



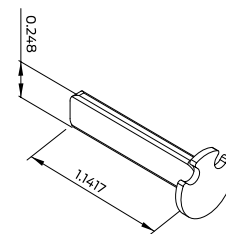
Interchangeable core cap style

## Tailpieces

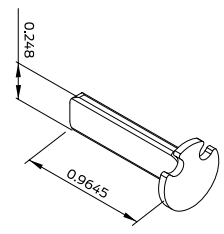
Catalog number	Description
Q630-289	SFIC tailpiece (K501, K511, K561, & K581)
Q330-392	SFIC tailpiece (K571)
Q330-393	Tailpiece, Falcon G-K501, K511, K561, K581
Q330-394	Tailpiece, Falcon G-K571
Q630-312	Tailpiece, Schlage C-K501, K511, K561, K581
Q630-288	Tailpiece, Schlage C-K571



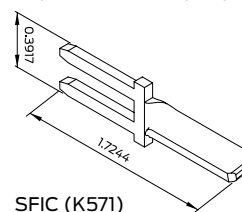
C keyway (K571)



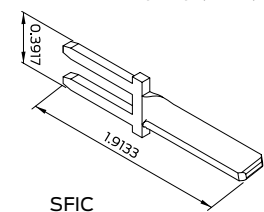
G keyway



G keyway (K571)



SFIC (K571)



SFIC

# Competitor keyways

## Standard cylinders with other keyways - 6-pin

Catalog number	Description
Q330-152	Schlage C
Q330-166	Corbin 60 (0 bit or KD only)
Q330-210	Russwin D1 (0 bit or KD only)
Q330-158	Cor/Russ L4 (0 bit or KD only)
Q330-160	Sargent LA (0 bit or KD only)
Q330-156	Yale 8 (0 bit or KD only)

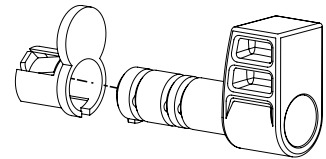
Note: Construction keying available. Reference page 9 for more information.

# Construction keying

Falcon offers two different construction key systems depending on the size of and application within the project. Both systems permit the installation and use of regular door locks during construction, yet completely preserve the security of the keying system for the ultimate building owner. The Master, Grand Master and change keys are never with the locks during the construction phase of a building. Only the “construction” keys are sent to the job site. Where the job permits, we will utilize the “Lost pin system” as our standard system for construction keying. Larger or more complicated jobs may require the use of our “Blockokey® System” for construction keying.

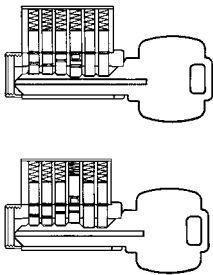
## “Disposable construction” interchangeable cores

This newly designed disposable construction core (1408) is an inexpensive alternative to interior keyed construction cores. This core should be used on interior door applications or where security on a site is not a concern. No keys need to be issued. The disposable core is inserted in the lever or knob and is operated by a thumb turn, which retracts the latch bolt. Please use either brass or permanent construction cores on exterior doors or secured areas.



## Locks with “Lost pin system”

Our “lost” pin construction key system consists of one construction pin and a shallow hole in the side of the plug.

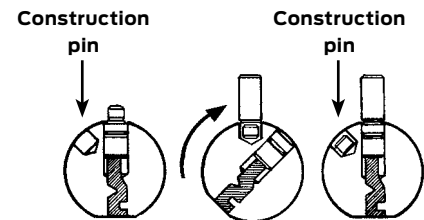


### Construction key—KB566

When the “construction” key is used, the construction pin is always in the cylinder plug, sitting on top of the bottom pin.

### Master key—KB578

When the Master key is inserted, the construction pin is pushed up into the cylinder housing. As the Master key is rotated to the right, the construction pin will drop into the hole in the plug, thereby eliminating any future use of the construction key.



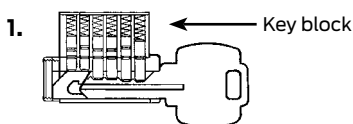
## Locks with Blockokey® cylinders

All lock cylinders on a specific project are operable by a special “project key.” Duplicates of this key may be assigned by the building contractor to workmen and subcontractors as required. No regular change keys or Master keys are needed on the job. This eliminates the possibility of subsequent exposure from lost or stolen keys.

### How to order locks with Blockokey® cylinders

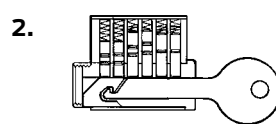
Blockokey® locksets are ordered by adding the word “Blockokey” after the balance of the ordering information.

Example: 72 Each B511 D 626 1AA-72AA (Blockokey)



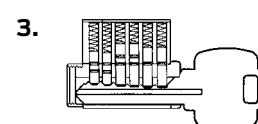
### Project key—KB531

Lock cylinder is operated by the special “project key.” The last two pins in the cylinder are held inoperative by the key block.



### Removal tool – KB536

The special “project key” is canceled out by removal of the key block. A key block removal tool is furnished with the Master keys for the locks. Simply push the removal tool into the keyway, then withdraw it to remove the block. Thereafter, the “project key” will no longer operate the lock cylinder.



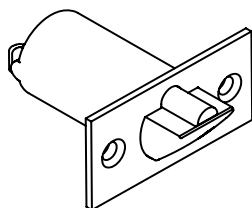
### Change or master key—KB578

Cylinder is now only operable by the regular change key or Master key.

# Options and accessories

## Latches

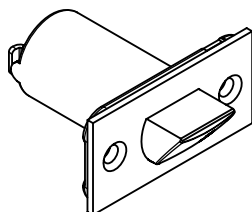
### Deadlatch



### Deadlatches

Catalog number	Description	Faceplate size	Corner	Projection
<b>Q630-385</b>	<b>2 3/4" Backset with deadlatching</b>	<b>2 1/4" X 1 1/8"</b>	<b>Square</b>	<b>1/2"</b>
Q630-387	2 3/4" Backset with deadlatching	2 1/4" X 1 1/8"	Radius	1/2"
Q630-386	2 3/8" Backset with deadlatching	2 1/4" X 1 1/8"	Square	1/2"
Q630-388	2 3/8" Backset with deadlatching	2 1/4" X 1 1/8"	Radius	1/2"
Q630-302	2 3/4" Backset with deadlatch, non-restoring	2 1/4" X 1 1/8"	Square	1/2"
Q630-274	2 3/4" Backset with deadlatch, non-restoring	2 1/4" X 1 1/8"	Radius	1/2"
Q630-301	2 3/8" Backset with deadlatch, non-restoring	2 1/4" X 1 1/8"	Square	1/2"
Q630-275	2 3/8" Backset with deadlatch, non-restoring	2 1/4" X 1 1/8"	Radius	1/2"

### Springlatch



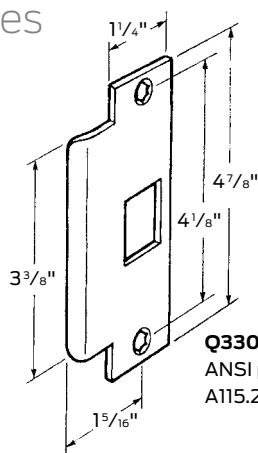
### Springlatches

Catalog number	Description	Faceplate size	Corner	Projection
<b>Q630-270</b>	<b>2 3/4" Backset with springlatch</b>	<b>2 1/4" X 1 1/8"</b>	<b>Square</b>	<b>1/2"</b>
Q630-272	2 3/4" Backset with springlatch	2 1/4" X 1 1/8"	Radius	1/2"
Q630-271	2 3/8" Backset with springlatch	2 1/4" X 1 1/8"	Square	1/2"
Q630-273	2 3/8" Backset with springlatch	2 1/4" X 1 1/8"	Radius	1/2"
Q630-266	2 3/4" Backset with springlatch, non-restoring	2 1/4" X 1 1/8"	Square	1/2"
Q630-268	2 3/4" Backset with springlatch, non-restoring	2 1/4" X 1 1/8"	Radius	1/2"
Q630-267	2 3/8" Backset with springlatch, non-restoring	2 1/4" X 1 1/8"	Square	1/2"
Q630-269	2 3/8" Backset with springlatch, non-restoring	2 1/4" X 1 1/8"	Radius	1/2"

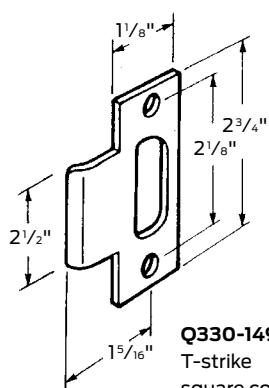
Note: All latches are UL listed and conform to both beveled and non-beveled doors.

Bolded deadlatches come standard with all keyed functions and bolded springlatches comes standard with all non-keyed functions.

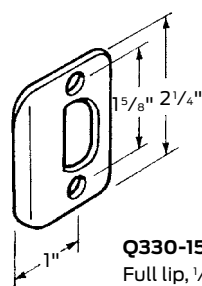
## Strikes



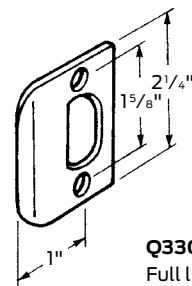
**Q330-148**  
ANSI prep  
A115.2



**Q330-149**  
T-strike  
square corner



**Q330-150**  
Full lip, 1/4"  
radius corner



**Q330-151**  
Full lip,  
square corner

## Other accessories

### Faceplates

Catalog number	Description
Q630-279	Faceplate, dead latch, round corner
Q630-278	Faceplate, dead latch, square corner
Q630-277	Faceplate, spring latch, round corner
Q630-276	Faceplate, spring latch, square corner

### Screw packs

Catalog number	Description
Q630-254	Screw pack, standard
Q330-399	Screw pack, dummy

# Competitive cross-reference

ANSI	Function	Falcon	Hager	Stanley Commercial	Yale	PDQ	Cal Royal	Arrow
		K Series	3400 Series	QCL 100 Series	4700LN Series	GT Series	Calypso Series	QL Series
F75	Passage lock	K101	3410	QCL130	4701LN	GT126	CAL30	QL01
F76	Privacy lock	K301	3440	QCL140	4702LN	GT176	CAL20	QL02/72
F82	Entry lock	K501	3450	-	4704LN	GT182	-	-
F109	Entry/office lock	K511	3453	QCL150	4707LN	GT116	CAL00	QL11/81
F84	Classroom lock	K561	3470	QCL160	4708LN	GT148	CAL03	QL17/87
F90	Corridor lock	K571	3473	QCL154	4722LN	GT165	CAL101	QL19/89
F86	Storeroom lock	K581	3480	QCL170	4705LN	GT115	CAL05	QL12/82
	Single dummy trim	K12	3417	QCL120	4755LN	GT211	CAL40	QL08

## How to order

Two simple ways to place your Falcon K Series order!

### ProExpress™

**Product available:** August 2015  
**E-Mail:** Order.Pro.Express@allegion.com  
**Fax:** 1.800.924.3551

Note: ProExpress offers a limited amount of Falcon K Series configurations. Please consult the ProExpress price book for details.

### Standard Falcon order

**Product available:** Fourth quarter 2015  
**E-Mail:** Order\_Entry\_Schlage\_Commercial@allegion.com  
**Fax:** 1.800.452.0665

Note: The entire Falcon K Series offering will be available via a standard Falcon order in Fourth quarter 2015. Please consult the Falcon price book for details.

#### Order example

Line item	Qty	Product	Design	Finish	Latch	Strike	Door thickness
1	10	K511PD	DAN	626			

Note: Only specify latch, strike and door thickness if item is not standard

## Warranty

The Falcon K Series lock has a limited 10 year warranty.  
Please reference **www.us.allegion.com** for Falcon product warranty details.

## About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries.

For more, visit [www.allegion.com](http://www.allegion.com)

*aptiQ* ■ LCN ■ **SCHLAGE** ■ STEELCRAFT ■ VON DUPRIN

**FALCON®**

Locks





## Contents

4-5	Lock type comparison chart
6	Lock type definitions and door handing diagram
7	Finish swatch reference chart
8-21	MA Series Grade 1 mortise lock
22-33	RU Series Grade 1 retrofit unit lock
34-43	T Series Grade 1 cylindrical lock
44-53	X Series Grade 1 cylindrical knob lock
54-61	K Series Grade 1 cylindrical lock
62-71	B Series Grade 2 cylindrical lock
72-83	W Series Grade 2 cylindrical lock
84-89	H2 Series Grade 2 interconnected lock
90-99	D Series Grade 1 and 2 deadbolts
100	K900 Series padlocks
101	Construction keying information sheet
102	Product identification example



[www.falconlock.com](http://www.falconlock.com)



US 877.671.7011  
Canada 800.900.4734



[www.youtube.com/falconhardware](http://www.youtube.com/falconhardware)



Falcon "How To" app





# The Falcon difference

## Safety, security and uncompromising value

At Falcon, we know that every product you sell not only has to meet local building codes, but also your expectations for performance and quality. We take your expectations seriously, and that's why we build our locks to deliver durability, convenience and unmatched value. After all, we've built our reputation on the same standards that you have – providing quality products at a reasonable price and delivered on time. It's the way we do business and it's what makes Falcon locks a powerful choice no matter your project.






Lock type comparison

Falcon offers a variety of Grade 1 and Grade 2 cylindrical, deadbolt, mortise, interconnected, and extra-heavy duty pre-assembled unit locks that fit a variety of applications and door functions.



	Cylindrical				
Features	<ul style="list-style-type: none"><li>Grade 1 certified</li><li>Wide variety of functions and options</li><li>Can accept competitive standard cylinders SFIC and FSIC</li></ul>	<ul style="list-style-type: none"><li>Grade 1 certified</li><li>Most common functions, lever styles and finishes</li><li>Affordable price</li></ul>	<ul style="list-style-type: none"><li>Grade 1 certified</li><li>Corrosion resistant option</li><li>Compatible with competitive SFIC</li></ul>	<ul style="list-style-type: none"><li>Grade 2 certified</li><li>Perfect replacement for existing locks or new construction</li><li>Compatible with competitive SFIC</li></ul>	<ul style="list-style-type: none"><li>Grade 2 certified</li><li>Two rose diameter options to match most commercial door trim</li></ul>
Application	<ul style="list-style-type: none"><li>Ideal for new construction and retrofit applications where Grade 1 security is needed</li></ul>	<ul style="list-style-type: none"><li>Where Grade 1 security and reliability are needed, but cost is a concern</li></ul>	<ul style="list-style-type: none"><li>Where a Grade 1 security lock is needed and corrosive marine conditions could be a concern</li></ul>	<ul style="list-style-type: none"><li>Where frequent use is expected and durability is needed, but Grade 1 security isn't required</li></ul>	<ul style="list-style-type: none"><li>Applications with nontraditional door trim where cost is a concern</li></ul>
Options	<ul style="list-style-type: none"><li>15 commercial functions</li><li>8 finishes</li><li>7 lever designs</li></ul>	<ul style="list-style-type: none"><li>8 commercial functions</li><li>2 finishes</li><li>3 lever designs</li></ul>	<ul style="list-style-type: none"><li>10 commercial functions</li><li>6 finishes</li><li>3 knob designs</li><li>2 rose options</li></ul>	<ul style="list-style-type: none"><li>10 commercial functions</li><li>5 finishes</li><li>2 lever designs</li></ul>	<ul style="list-style-type: none"><li>12 commercial lever functions</li><li>8 commercial knob functions</li><li>8 finishes</li><li>7 lever/2 knob designs</li><li>2 rose options</li></ul>

Lock type comparison

					
	D100 Series	D200 Series	RU Series	MA Series	H2 Series
	Deadbolt		Unit	Mortise	Interconnected
Features	<ul style="list-style-type: none"> <li>Grade 1 certified for security</li> <li>Supplemental protection against break-in</li> <li>Compatible with competitive SFIC</li> </ul>	<ul style="list-style-type: none"> <li>Grade 2 certified for security</li> <li>Supplemental protection against break-in</li> <li>Compatible with competitive SFIC</li> </ul>	<ul style="list-style-type: none"> <li>Grade 1 certified</li> <li>Old-fashioned style with modern strength, security and convenience</li> <li>Compatible with competitive SFIC</li> </ul>	<ul style="list-style-type: none"> <li>Grade 1 certified</li> <li>One of Falcon's toughest locks that is built to stand up to constant use without fail</li> <li>Compatible with competitive SFIC</li> </ul>	<ul style="list-style-type: none"> <li>Grade 2 certified</li> <li>Large inner plate that connects lock and deadbolt</li> <li>Exterior has the appearance of a tubular lock and deadbolt</li> </ul>
Application	<ul style="list-style-type: none"> <li>Where supplemental, Grade 1 security is required</li> </ul>	<ul style="list-style-type: none"> <li>Where supplemental, Grade 2 security is required</li> </ul>	<ul style="list-style-type: none"> <li>Retrofitting older and historical buildings where Grade 1 security is required</li> </ul>	<ul style="list-style-type: none"> <li>Where a tough-as-nails, reliable and durable Grade 1 security lock is required</li> <li>Facilities where a large variety of applications are needed</li> </ul>	<ul style="list-style-type: none"> <li>Where strength and security are required, but cost is a concern</li> <li>Used in multi-family applications for one step egress</li> </ul>
Options	<ul style="list-style-type: none"> <li>5 commercial functions</li> <li>5 finishes</li> </ul>	<ul style="list-style-type: none"> <li>8 commercial functions</li> <li>5 finishes</li> </ul>	<ul style="list-style-type: none"> <li>12 commercial functions</li> <li>2 finishes</li> <li>2 lever designs</li> </ul>	<ul style="list-style-type: none"> <li>26 commercial functions</li> <li>9 finishes</li> <li>8 lever designs</li> <li>1 knob design</li> <li>Rose (sectional) and escutcheon option</li> </ul>	<ul style="list-style-type: none"> <li>2 commercial functions</li> <li>5 finishes</li> <li>5 lever design</li> </ul>

# Lock type definitions

## Cylindrical locks

A cylindrical lock, also referred to as a bored lock, is a lock in which a large hole is bored into the door face of a door and a smaller cross-bore hole is bored into the door edge. These locks fit a variety of applications and can be Grade 1 or Grade 2.

## Deadbolt locks

A deadbolt lock is a supplemental lock that provides an extra measure of protection against break-ins. Can be Grade 1 or Grade 2 certified.

## Mortise locks

A mortise lock is the strongest, most adaptable lock that offers the best aesthetics in the Falcon line. This lock offers the most heavy-duty security and is designed to handle high traffic, high abuse applications. Offered in Grade 1 only.

## Interconnected locks

An interconnected lock is primarily utilized for multi-family front door applications where security is needed but cost is a concern. This lock offers both a door lock and deadbolt that are connected through an inner plate. This lock is offered in Grade 2.

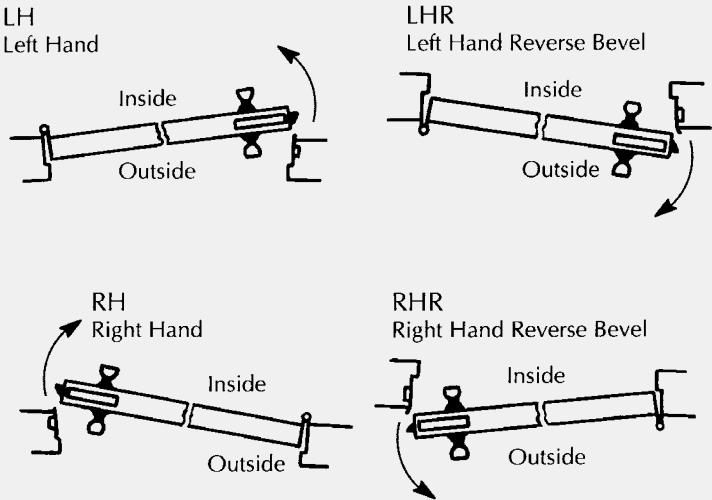
## Unit locks

These locks are designed specifically for retrofitting older and historical buildings. These locks combine an old-fashioned design with modern strength, security, and reliability.

## Padlocks




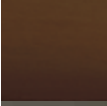
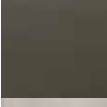
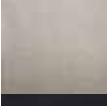
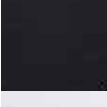

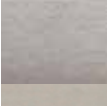
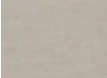
A portable lock hanging by a pivoted hook on the object fastened holding together two parts of something (such as a chain or a gate) to prevent use, theft, vandalism or harm. Padlocks are popular for its low cost and an impact-resistant designs.

### Door handing



# Finishes

The latest in modern techniques and equipment are used to apply the highest quality finish. Extra steps assure durable, consistent finishes and long useful life.

Color		US number	BHMA number
	Bright brass	US3	605
	Satin brass	US4	606
	Satin bronze	US10	612
	Oil rubbed bronze	US10B	613
	Aged bronze	US11	643e
	Satin nickel	US15	619
	Matte black	US19	622
	Bright chrome	US26	625
	Bright chrome	US26D	626
	Satin stainless steel	US32D	630

Note: Not all finishes are standard across all products. Please see price book for specific finish and lever options.

Although we apply the finest available protective plating and/or enamel coating to the surface of our products, these finishes have limitations and in time may deteriorate either from exposure to weather, pollution, perspiration, extremes of climate, frequency of use or other factors. Deterioration of these finishes is, therefore, not a defect, but a normal process which is unavoidable. Our company cannot accept responsibility for finish deterioration in these circumstances and therefore the finishes cannot be guaranteed. These products will not be refinished or replaced under our warranty should deterioration of finishes occur.

MA Series

Grade 1 mortise lever and knob locks

The Falcon MA Series lock delivers high performance at an affordable cost for your office, hospital, education, or other commercial projects. One of Falcon's toughest and most dependable locks, the MA Series, provides security and is built to stand up to constant use without fail. The MA Series also makes retrofit easy with an interchangeable core that can be removed for quick, easy re-keying and is compatible with SFIC products from other manufacturers. Plus they're backed by one of the best names in the business - Allegion.

Features



\*Excludes MA551

\*\*For 605, 606, 613, 625 and 626



# MA Series

## Features

**Door thickness:** Standard offering only accepts door thicknesses of  $1\frac{3}{4}"$  -  $1\frac{7}{8}"$ . If door thickness is greater or less than above, but between  $1\frac{3}{8}"$  and  $2\frac{1}{2}"$  then customer must specify thickness.

**Backset:**  $2\frac{3}{4}"$  only.

**Case:** Cold formed steel, zinc dichromate plated, .090" thick. Optional lead wrapping available.

**Hubs:** Hardened steel.

**Handing:** Right hand is standard; left hand optional. Reversible in the field.

**Cylinders:** Solid brass cylinder and plug. 5, 6 or 7-pin are available on standard cylinders. 6 or 7-pin are available on interchangeable core cylinder. Furnished with two nickel silver keys standard.

**Keyways:** Falcon "G" keyway standard on standard cylinder. "A" keyway standard on I/C cylinder. See price book for optional keyways

**Bind resistant trim:** Heavy-duty through-bolted inserts clamp the trim on the door assuring proper alignment. Provided with 8-32 screws for strength and thread sealant to prevent loosening.

**Latch bolt:** Two-piece stainless steel, mechanical anti-friction bolt.  $\frac{3}{4}"$  projection.

**Dead bolt:** 1" throw, stainless steel with two  $1\frac{3}{16}"$  diameter hardened steel, free-turning, saw-resistant roller.

**Faceplates:** (armored front)  $1\frac{1}{4}"$  x 8" brass or stainless steel adjustable for door bevel. Reinforced by heavy gauge steel with stabilizing ribs.

**Strike:** Brass or stainless steel. Meets ANSI AII5.1 for frame preparation. Strike is non-handed.

**Electrified functions:** Available in 12 or 24 VDC.

**Indicator options:** Occupied/Vacant or Locked/Unlocked.










## Specifications

- Provide mortise locksets that comply with ANSI A156.13, Series 1000, Operational Grade 1 and Security Grade 1 with all standard trims and conventional mortise cylinders.
- Locksets comply with UL10B - neutral pressure and UL10C/UBC 7-2 –positive pressure testing requirements. All locks shall be UL listed for 3 hour fire door.
- Lock case shall be non-handed, reversible without opening the lock case, and shall be manufactured of zinc dichromate plated steel. Lock case shall be interchangeable for knob or lever applications without modifying the chassis, and shall be constructed with a screw configuration that limits access to operating parts.
- Latchbolt shall be 2-piece anti-friction type manufactured from stainless steel, with a standard  $2\frac{3}{4}"$  backset, a full  $\frac{3}{4}"$  throw and be field reversible. Deadbolt shall have 1" throw and shall be constructed of stainless steel, incorporating two  $\frac{3}{16}"$  diameter security roller pins.
- All trim shall be cast, forged, or wrought and through bolted with thread patch coated screws. Lever trim to have individual heavy duty springs for lever return, and independent rotation in both directions. Return to door style levers meets the  $\frac{1}{2}"$  California State Fire Marshall requirement.
- Spindles to be independent, designed to 'break-away' at a maximum of 480 in./lbs. to prevent damage to the lock chassis.
- Provide standard non-handed curved lip strikes.
- Cylinders to be secured by a dual retainer.
- Acceptable manufacturer: Falcon Lock

Designs and styles

# Lever/knob styles

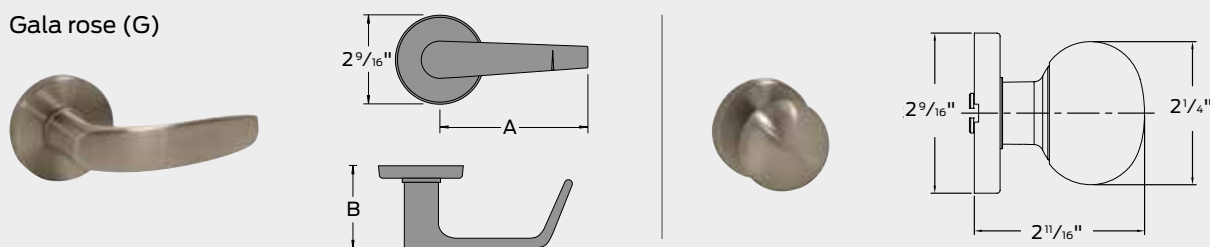
Cast or forged levers (Avalon, Dane and Quantum, Boardwalk, Broadway, Latitude and Longitude) and wrought brass or stainless levers/knobs (Sutro and Hana), wrought rose and forged or wrought escutcheons are standard.

Avalon-Gala (AG)	Dane-Gala (DG)	Hana-Gala (HG)
		
Quantum-Gala (QG)	Sutro-Gala (SG)	Boardwalk (BRK)
		
Broadway (BRW)	Latitude (LAT)	Longitude (LON)
		

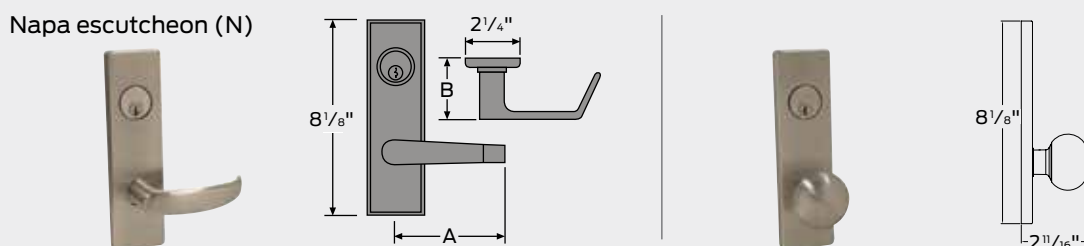


# Trim styles

Gala rose (G)



Napa escutcheon (N)



Number	A - width	B - projection
AG/AN	4 1/2"	2 7/8"
DG/DN	4 1/2"	2 1/2"
QG/QN	4 3/4"	3"
SG/SN	4 7/8"	3"


Note: Falcon MA Series is available in several design combinations; "G" Gala rose or "N" Napa escutcheon and "H" Hana knob designation or four levers "A" Avalon, "D" Dane, "Q" Quantum and "S" Sutro. When specifying, example: AN, Avalon (A) lever - with Napa (N) escutcheon.

Trim finishes chart










Description	ANSI No.	Available on
Bright brass	605	All trim
Satin brass	606	All trim
Oil rubbed bronze	613	All trim
Satin nickel	619	Lever trim only*
Matte black	622	Lever trim only*
Bright chrome	625	All trim
Satin chrome	626	All trim
Satin stainless steel	630	All trim
Aged bronze	643e	Lever trim only*

Functions

To order Falcon MA Series locksets, please consult page 21 for ordering information and assistance.


 Indicates interchangeable core available.

 Indicates indicator trim available.




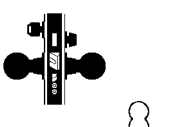

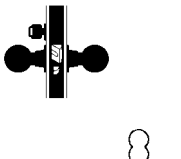
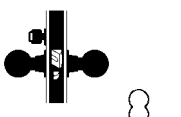


Catalog number	ANSI	Function outside/inside	Name	Description
MA101	F 01		Passage/closet latchset	Latch bolt operated by knob/lever from either side at all times.
MA161	F 31		Connecting room/exit lock	Latch bolt operated by knob/lever from inside. No trim outside. Auxiliary dead latch.
MA301	F 02		Privacy lock	Latch bolt operated by knob/lever from either side. Dead bolt operated by turn from inside and by emergency release from outside.
MA311	F 19		Privacy lock with inside lever release	Latch bolt operated by knob/lever from either side. Dead bolt operated by turn from inside and emergency release from outside. Operating inside knob/lever retracts both bolts.
MA321	F 22		Privacy lock with no entry lockout	Latch bolt operated by knob/lever from either side except when outside knob/lever is locked by inside turn. Operating inside knob/lever, closing door or operating outside emergency release unlocks outside knob/lever.
MA371	F 14		Store door lock	Latch bolt operated by knob/lever from either side. Dead bolt operated by key from either side.
MA381	F 09		Apartment exit lock	Latch bolt operated by knob/lever from either side, except when outside knob/lever is locked by key from inside. When outside knob/lever is locked, latch bolt is retracted by key from outside or by operating inside lever. Auxiliary dead latch.
MA411	F 30		Asylum lock	Latch bolt operated by key from either side. Both knobs/levers always inoperative. Auxiliary dead latch. Caution: Double cylinder locks on residences and any door, in any structure, which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.
MA431	F 34		Security lock with deadbolt	Latch bolt operated by knob/lever from either side except when outside knob/lever is locked from inside or outside by key. Dead bolt retracted by key from inside or outside. Operating inside knob/lever retracts both bolts and unlocks outside. Latch bolt dead locked when dead bolt is thrown.

## Functions

To order Falcon MA Series locksets, please consult page 21 for ordering information and assistance.


 Indicates interchangeable core available.

 Indicates indicator trim available.

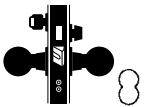
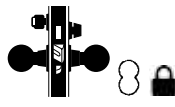


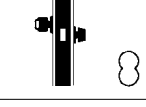

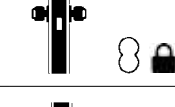

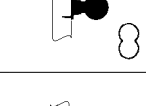

Catalog number	ANSI	Function outside/inside	Name	Description
MA441	F 32		Classroom security lock	Latch bolt operated by knob/lever from either side except when outside knob/lever is locked from inside or outside by key. When outside knob/lever is locked, latch bolt is retracted by key from inside or outside or by operating inside knob/lever. Auxiliary dead latch.
MA451	F 15		Hotel guest lock	Latch bolt operated by key from outside or by operating inside knob/lever. Outside knob/lever is always inoperative. Dead bolt projected by turn from inside and all keys except emergency key are shut out. Operating inside knob/lever retracts both bolts. Auxiliary dead latch.
MA521	F 04		Entry/office lock with button lockout	Latch bolt operated by knob/lever from either side except when outside knob/lever is made inoperative by buttons in face. When outside knob/lever is locked, latch bolt is retracted by key from outside or by operating inside knob/lever. Auxiliary dead latch. Outside knob/lever is unlocked by button on face.
MA531	F 12/ F 20		Apartment corridor lock	Latch bolt operated by knob/lever from either side, except when outside knob/lever is made inoperative by buttons in face. Dead bolt operated by key outside or turn inside. Key outside operates both bolts. Operating inside knob/lever retracts both bolts and outside remains locked. Latch bolt is deadlocked when outside knob/lever is made inoperative or when the dead bolt is projected. When dead bolt is retracted, knob/lever is unlocked by buttons in face.
MA541	F 21		Entry/office lock	Latch bolt operated by knob/lever from either side. Dead bolt operated by key from outside or turn from inside.
MA551	F 06		Holdback lock	Latch bolt operated by lever from either side except when outside lever is locked from outside by key. Latch bolt can be locked in a retracted position by key. When outside lever is locked, latch bolt is retracted by key from outside or by operating inside lever unless latch bolt has been locked in a retracted position. Auxiliary dead latch. To activate the Holdback Function – from the unlocked position rotate the outside lever/knob to retract the latchbolt. Rotate key 360°. Release lever/knob. To release Holdback Function, rotate key 360° clockwise.  Note: Chassis is handed.
MA561	F 05		Classroom lock	Latch bolt operated by knob/lever from either side except when outside knob/lever is locked from outside by key. When outside knob/lever is locked, latch bolt is retracted by key from outside, or by operating inside knob/lever. Auxiliary dead latch deadlocks latchbolt when door is closed. Inside knob/lever always free for immediate exit.
MA571	F 13		Dormitory or exit lock	Latch bolt operated by knob/lever from either side. Dead bolt projected by key from outside and turn from inside. Operating inside knob/lever retracts both bolts and unlocks outside.
MA581	F 07		Storeroom lock	Latch bolt operated by key from outside or by operating inside knob/lever. Outside knob/lever is always inoperative. Auxiliary dead latch.

Functions

To order Falcon MA Series locksets, please consult page 21 for ordering information and assistance.

 Indicates interchangeable core available.

 Indicates indicator trim available.

Catalog number	ANSI	Function outside/inside	Name	Description
MA621	F 08/ F 10		Apartment corridor lock with button lockout	Latch bolt is operated by knob/lever from either side, except when outside knob/lever is made inoperative by buttons in face. Dead bolt is operated by turn inside. Key outside operates both bolts. Outside knob/lever is unlocked by button on face.
MA641	NA		Dormitory lock	Latch bolt by knob/lever inside and key outside. Inside knob/lever free. Outside knob/lever rigid. Deadbolt by key outside or T-turn inside. Rotating inside knob/lever retracts both bolts. Deadlocking latch.
MA851	NA		Storeroom-fail safe (EL - 12 or 24V DC) (RX option - request to exit)	Latch bolt operated by knob/lever from either side except when outer knob/lever is electrically locked. When outer knob/lever is locked, latch bolt retracted by key in cylinder outside. Deadlocking latch.  Note: Specify 12 or 24V DC.
MA881	NA		Storeroom-fail secure (EU - 12 or 24V DC) (RX option- request to exit)	Latch bolt operated by knob/lever from inside except when outer knob/lever is electrically unlocked, then latch bolt from either side. When locked, key in cylinder outside retracts latch bolt. Deadlocking latch.  Note: Specify 12 or 24V DC.
MA911	F 29		Classroom dead lock	Key from outside operates dead bolt. Turn from inside retracts but does not project dead bolt.
MA921	F 18		Outside only deadlock	Dead bolt operated by key from outside only.
MA931	F 16		Two sided deadlock	Dead bolt operated by key from either side. Caution: Double cylinder locks on residences and any door, in any structure, which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.
MA941	F 17		Deadlock with inside turn	Dead bolt operated by key from outside and by turn from inside.
MA12	NA		Single dummy	Single dummy trim
MA18	NA		Double dummy	Double dummy trim

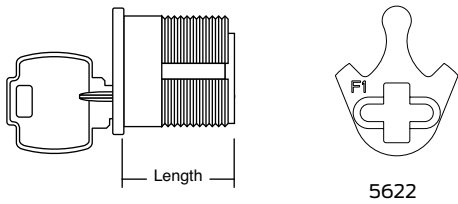
# Standard mortise cylinders

Only the finest materials are used in the manufacture of our cylinders. Modern equipment and gauging ensure consistent, reliable production of our entire line of cylinders. We offer a full and complete line of spacer rings, cylinder guards and spring washers, as well as numerous cams to fulfill the requirements of most applications. Standard mortise cylinders are furnished as 5- or 6-pin as standard. 7-pin cylinders are available. All keyed cylinders are supplied with two nickel silver keys.

Standard core MA Series function/cam chart

Catalog number	Outside cam no.	Inside cam no.
MA371	5622	5622
MA381	5621	5620
MA411	5622	5622
MA431	5622	5622
MA441	5622	5622
MA451	5622	
MA521	5622	
MA531	5622	
MA541	5622	
MA551	5622	
MA561	5622	
MA571	5622	
MA581	5622	
MA621	5622	
MA641	5622	
MA851	5622	
MA881	5622	
MA911	5622	
MA921	5622	
MA931	5622	5622
MA941	5622	

Cam numbers  
 5622 = standard cam  
 5620 = F09 standard inside MA381  
 5621 = F09 standard outside MA381



Catalog number	Length	
Standard cylinders		
985	1 <sup>1</sup> / <sub>8</sub> "	
987	1 <sup>3</sup> / <sub>8</sub> "	
988	1 <sup>1</sup> / <sub>2</sub> "	
990	1 <sup>3</sup> / <sub>4</sub> "	
992	2"	
Hotel/motel cylinders		
250	1 <sup>1</sup> / <sub>8</sub> " RH	6-pin
251	1 <sup>1</sup> / <sub>4</sub> " RH	6-pin
252	1 <sup>3</sup> / <sub>8</sub> " LH	6-pin
253	1 <sup>3</sup> / <sub>8</sub> " LH	7-pin

Special hotel/motel cylinders, furnished with cam A09894-001-00.

Note: To order cylinder separately, order by listing catalog number for required length and cam number as indicated in chart above. Also, specify finish and number of pins.

Example: 986 with A09897-000-00, 626, 6-pin

# Interchangeable cores for mortise cylinders

All Falcon MA Series keyed locks are available with mortise cylinders that will accept Falcon small format interchangeable cores (SFIC) as well as some other manufacturers' SFIC. Interchangeable core cylinders are available in 6- or 7-pin configurations, for increased security by quick change of keying. Interchangeable core cylinders allow the capability of immediately changing the keying on any door without the necessity of disassembling the lock. The core is removed by use of a special "control" key. Rotating the key to the right and gently pulling will disengage the core from the housing. The replacement core is then inserted and the control key rotated to the left to "lock" the core in place and the control key is removed.

To order: Falcon mortise locks with interchangeable cores, add "G" 6- or 7-pin in detail area of order.  
To order: Falcon mortise locks for interchangeable core, less core (SFIC), add "B" 6- or 7-pin in detail area of order.

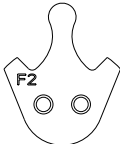
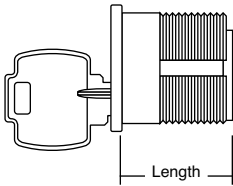
## Interchangeable core MA Series function/cam chart

Catalog number	Outside cam no.	Inside cam no.
MA371	5622-IC	5622-IC
MA381	5621-IC	5620-IC
MA411	5622-IC	5622-IC
MA431	5622-IC	5622-IC
MA441	5622-IC	5622-IC
MA451	5622-IC	
MA521	5622-IC	
MA531	5622-IC	
MA541	5622-IC	
MA551	5622-IC	
MA561	5622-IC	
MA571	5622-IC	
MA581	5622-IC	
MA621	5622-IC	
MA641	5622-IC	
MA851	5622-IC	
MA881	5622-IC	
MA911	5622-IC	
MA921	5622-IC	
MA931	5622-IC	5622-IC
MA941	5622-IC	

Cam numbers  
5622-IC = interchangeable cam  
5620-IC = F09 Interchangeable Inside MA381  
5621-IC = F09 interchangeable Outside MA381



All keyed cylinders are supplied with two nickel silver keys.



5622-IC

Catalog number	Length
Standard cylinders	
C987	1 3/8"
C988	1 1/2"
C990	1 3/4"
C992	2"
Hotel/motel cylinders	
C261	1 1/2" RH
C262	1 5/8" RH
C264	1 1/2" LH
C265	1 5/8" LH

Special hotel/motel cylinders furnished with cam A12667-007-00.

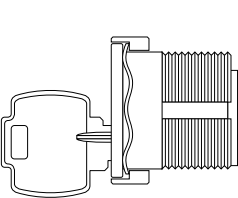
Note: To order the cylinder housing only, order by listing catalog number for required length and cam number as indicated in the chart. Also specify finish and pin condition.

Example: No. C987 with A12667-003-00, 626, for 7-pin interchangeable core.

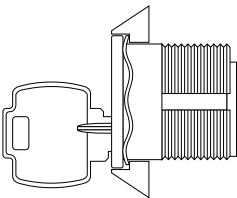
Note: Construction keying available. Reference page 101 for more information.

# Cylinder guards

Falcon offers two different types of cylinder guards in various thicknesses to work with sectional or escutcheon trim, different door ranges and various cylinder lengths. Our standard cylinder, 985, is 1 1⁄8" long. The factory will furnish the correct cam(s) and cylinder guard for the function and door thickness specified. The A08790 and A08794 cylinder guards in bar stock brass are available to accommodate different cylinder lengths and door thicknesses as shown.



985 cylinder with A08790 cylinder guard.



985 cylinder with A08794 cylinder guard.



A08790



A08794

## Escutcheon trim ring

Door thickness	Function	985 1 1⁄8"	986 1 1⁄4"	(c)987 1 3⁄8"	(c)988 1 1⁄2"
1 1⁄2"	Single cylinder	—	A08790-000	A08790-001	A08790-002
1 1⁄2"	Double cylinder	A08790-000	—	—	—
1 3⁄4"	Single cylinder	—	—	A08790-000	A08790-001
1 3⁄4"	Double cylinder	—	A08790-000	A08790-001	A08790-002
2"	Single cylinder	—	—	A08790-000	A08790-001
2"	Double cylinder	—	—	A08790-000	A08790-001
2 1⁄4"	Single cylinder	—	—	—	A08790-000
2 1⁄4"	Double cylinder	—	—	—	—
2 1⁄2"	Single cylinder	—	—	—	—
2 1⁄2"	Double cylinder	—	—	—	—

## Sectional trim ring

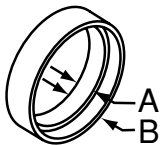
Door thickness	Function	985 1 1⁄8"	986 1 1⁄4"	(c)987 1 3⁄8"	(c)988 1 1⁄2"
1 1⁄2"	Single cylinder	A08794-001	A08794-002	—	—
1 1⁄2"	Double cylinder	A08794-002	A08794-003	—	—
1 3⁄4"	Single cylinder	A08794-000	A08794-001	A08794-002	—
1 3⁄4"	Double cylinder	A08794-001	A08794-002	A08794-003	—
2"	Single cylinder	—	A08794-000	A08794-001	A08794-002
2"	Double cylinder	A08794-000	A08794-001	A08794-002	A08794-003
2 1⁄4"	Single cylinder	—	—	A08794-000	A08794-001
2 1⁄4"	Double cylinder	—	A08794-000	A08794-001	A08794-002
2 1⁄2"	Single cylinder	—	—	—	A08794-000
2 1⁄2"	Double cylinder	—	—	A08794-000	A08794-001

Specify part number and finish when ordering. (e.g. A08790-000-626)

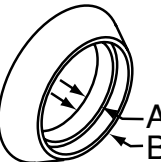
\*\*Single cylinder functions

Cylinders, cores and guards

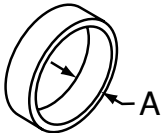
Blocking ring and cylinder guards



Straight Protective Collar  
used on escutcheon trim



Tapered Protective Collar  
used on sectional trim



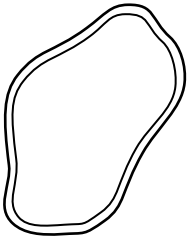
Blocking Ring

Dimensions and part numbers

Dim. A	Dim. B	Part No.
3/32"	9/32"	A08790-000
7/32"	13/32"	A08790-001
11/32"	17/32"	A08790-002
15/32"	21/32"	A08790-003
43/64"	55/64"	A08790-004

Dim. A	Dim. B	Part No.
3/32"	9/32"	A08794-000
7/32"	13/32"	A08794-001
11/32"	17/32"	A08794-002
15/32"	21/32"	A08794-003

Dim. A	Dim. B	Part No.
1/8"	—	008876-000
3/16"	—	008876-005
1/4"	—	008876-001
3/8"	—	008876-002
1/2"	—	008876-003
5/8"	—	008876-004



Wave washer included.  
To order separately, specify  
008789-001-60



# Trim packages

Both knob and lever trim packages are available to allow complete replacement of inner and outer trim on any lock function. Packages include inside and outside trim, spindle and mounting screws. Please see current price book for more details.

## Trim options



### Abrasive coated knobs and levers

All knobs and levers are available with abrasive coating to identify entrances to hazardous areas to the handicapped.

### Knurled levers

Levers are available knurled to identify entrances to hazardous areas to the handicapped.

### Lead wrapping

MA Series locksets and latchsets are available with lead-wrapping for use on X-ray room doors (or similar situations).

## Strikes

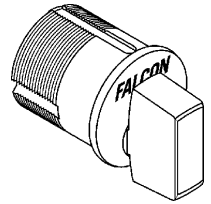
Manufactured from heavy gauge brass or stainless steel. Meets ANSI Standard A115.1 for frame preparation. Strikes are available with various lip lengths.



## Thumb turn/threaded cylinders

(sold separately)

Standard thumb turn threaded cylinders for deadbolt operation of MA Series locks may be used in lieu of surface mounted thumb turns. Furnished with A09894-1 cam. Available in length indicated and all MA Series finishes.



Catalog number	Length
973	1 1/8" RH (turns counter-clockwise)
974	1 1/8" LH (turns clockwise)

## Indicators

(Available in Gala Rose & Napa Escutcheon)

Two different variations are available to communicate the status of the door on the outside: Occupied/Vacant or Locked/Unlocked.



## Allegion Connect

Cross-category solution using common interconnect components for electrified options.



Function cross-reference chart

MA Series Grade 1 mortise locks

ANSI no.	Function	Falcon	Arrow	Stanley Commercial	Corbin/ Russwin	Dorma	Hager	Marks	Sargent	Yale
F 01	MA101	Passage or closet latch	A-B01	QMS/ QME 130	ML2010	9010	3810S/ 3810E	5-55N	8215	8801
F 02	MA301	Privacy, bedroom/bath	-	-	ML2020	-	3840S/ 3840E	5-55L	8268	-
F 04	MA521	Entry lock	A-B22	QMS/ QME 150	ML2051	9050	3853S	5-55E	8205	8807
F 05	MA561	Classroom lock	A-B17	QMS/ QME 160	ML2055	9070	3870S/ 3870S	5-55J	8237	8808
F 06	MA551	Holdback lock	-	-	ML2056	9076	-	5-55JM/JR	8289	8824
F 07	MA581	Storeroom/closet lock	A-B12	QMS/ QME 170	ML2057	9080	3880S/ 3880E	5-55EW	8204	8805
F 08/F 10	MA621	Front door/apartment corridor	A-B21	-	ML2048	-	3861S/ 3861S	5-55A	8247	-
F 09	MA381	Apartment, exit	A-B32	QMS/ QME164	ML2042	9060	-	5-55G	8216	8817-2
F12/F 20	MA531	Apartment corridor door lock	A-B11	QMS/ QME 154	ML2067	9953	3856S/ 3856E	5-55F	8243	8847
F 13	MA571	Dormitory or exit lock	A-B19	QMS/ QME 152	ML2065	9956	-	5-55FW	8225	8822
F 14	MA371	Store door lock	A-B31	QMS/ QME 174	ML2022	9966	-	5-55C	8226	8860-2
F 15	MA451	Hotel guest lock	A-B15/16	-	ML2029	9985	-	5-55H	8250	8820
F 16	MA931	Dead lock	A-B42	-	ML2012	9962	-	-	8222	8814-2
F 17	MA941	Dead lock	A-B41	-	ML2013	9960	-	-	8221	8815
F 18	MA921	Dead lock	A-B40	-	ML2011	9961	-	-	8220	8814
F 19	MA311	Privacy, bedroom/bath	A-B02	QMS/QME 145	ML2030	9940	-	5-55LF	8266	8802
F 21	MA541	Room door lock	A-B13	-	ML2024	9973	3850S	5-55B	8224	8860
F 22	MA321	Privacy, bedroom/bath	A-B26	QMS/QME 140	ML2060	9040	-	5-55LJ	8265	8862
F 29	MA911	Classroom dead lock	-	-	-	9963	-	-	8203	8813ST
F 30	MA411	Asylum or institutional lock	A-B33	QMS/ QME 172	-	9082	3882S/ 3882E	5-55WW	8217	8830-2
F 31	MA161	Exit or communicating lock	-	-	-	9025	-	5-55EX	8213	8828
F 32	MA441	Intruder latch bolt lock	A-B37	QMS/ QME 162	ML2052	9071	3857S/ 3857E	5-55GC	8238	8808-2
F 34	MA431	Intruder dead bolt lock	-	-	-	9967	-	5-55FC	8240	8812-2
NA	MA12	Single dummy		QMS/ QME 120	ML2050	-	3817S/ 3817E	5-55DI/ DO	8293	855/ 855FL
NA	MA18	Double dummy	-	QMS/ QME 122	ML2070	-	3827S/ 3827E	5-55DT	8294	836B/ 838FL
NA	MA851	Storeroom-fail safe (EL-12 & 24 VAC or VDC)	A-B181/183	-	ML20903	9080EL	3880EL	5-55EL	8270	8880
NA	MA881	Storeroom-fail secure (EU-12 & 24 VAC or VDC)	A-B177/179	-	ML20905	9080EU	3880EU	5-55EU	8271	8881
NA	MA641	Dormitory lock	-	-	-	-	-	-	-	-

All effort has been made to make this information comprehensive. Since no two products are exactly alike, this data represents those products which are similar. This information was obtained from trade services and is not guaranteed nor meant to represent any product as equal to any other product.

# How to order

For correct ordering, and to ensure no delays in shipment of your order, the following descriptive data must be listed in the sequence shown. Necessary information can be found in other parts of this catalog. The example below shows an order for 16 each MA locksets in the 521 Entry function, DG (Dane-Gala) trim design in a 626 (satin chrome) finish, 8 RH (right hand) and 8 LH (left hand) to accommodate doors 1 3/4" thick with AA1-AA16 keying.

- **Quantity:** Indicate the quantity required.
  - **Catalog number:** Select catalog number.
  - **Trim design:** Indicate letter of knob or lever design followed by letter of rose or escutcheon design.
    - Example: DG-D for Dane lever followed by G for Gala rose.
  - **Finish:** When the finish is the same for the outside and inside trim, it is shown once (626). Outside finish always precedes inside finish on split finishes (605 x 625).
  - **Latches:** Two-piece mechanical anti-friction standard. All catalog numbers shown in this catalog indicate 2 3/4" backset.
  - **Strikes:** 4 7/8" x 1 1/4" x 1 5/16" lip-to-center with curved lip standard. Optional strikes with shorter or longer lip lengths available.
  - **Cylinder type:** For 6-pin, add 6-pin. For 7-pin, add 7-pin.
- **Door hand:** See chart.
  - **Keying detail:** We suggest using the standard terms developed by the A.H.C. (consult factory).
    - Example: AA1 - Grand Master keyed, Master keyed, change key 1.
  - **Interchangeable core:** To order product capable of accepting an interchangeable core, add "B" less SFIC (for interchangeable core). To order product with an interchangeable core, add "SFIC" (with interchangeable core).
    - Example: "G" with Falcon SFIC core.
  - **Keyways:** "G" is standard on regular cylinders, "A" is standard on interchangeable cores. Other keyways available. See price book.
  - **Additional keys:** Note the total number of keys required.
  - **Large bow keys:** Add—"with large bow keys".

## How to order example

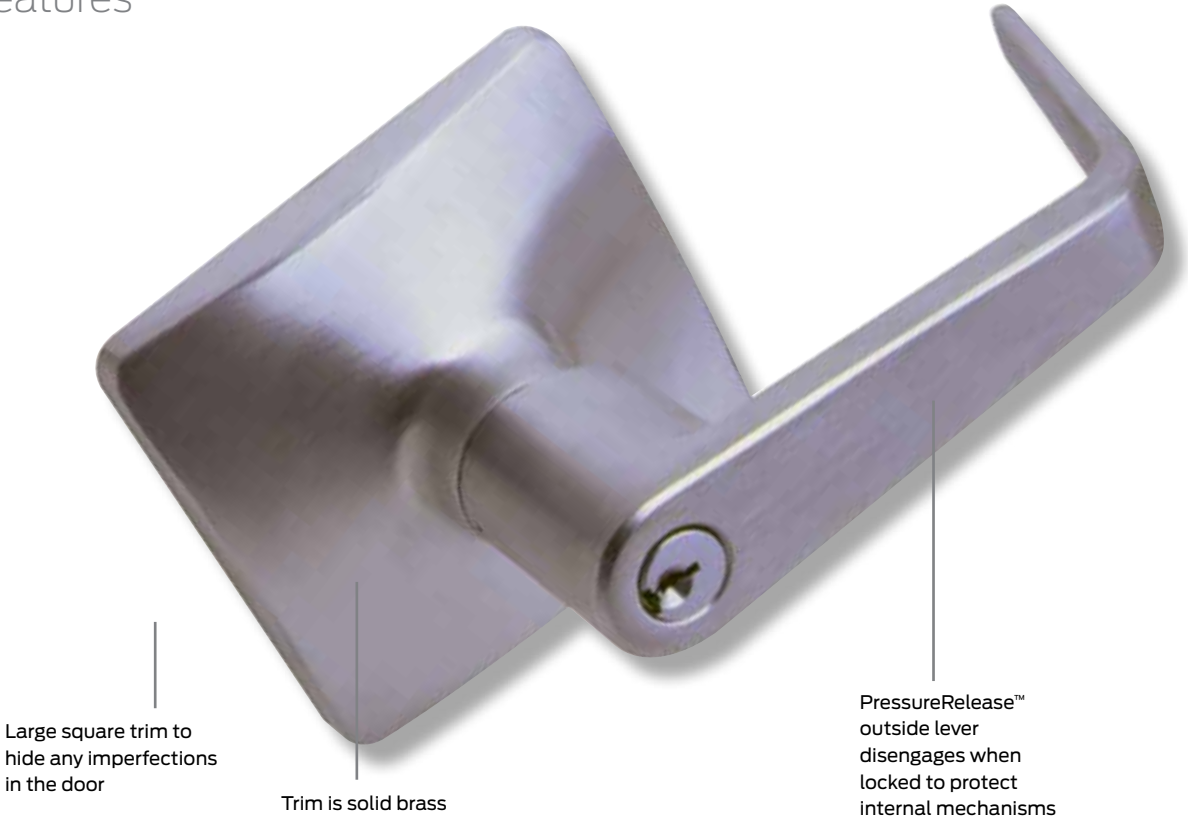
Qty.	Catalog number	Trim design	Finish	Latch	Strike	Cylinder	Door hand				Detail
							RH	LH	RHR	LHR	
8	MA521P	DG	626	Std	Std	6-pin	X				AA1-AA8 1 3/4" DR
8	MA521P	DG	626	Std	Std	6-pin		X			AA9-AA16 1 3/4" DR

RU Series

Extra heavy-duty preassembled unit locks

When you need to replace an existing notched-style lock and get up to code on ADA accessibility, the Falcon RU Series is a perfect fit. Designed specifically for retrofitting older and historical buildings, this unique lock combines old-fashioned styling with modern strength, security and convenience. Falcon RU Series locks have an interchangeable core that can be removed for quick, easy re-keying. Our interchangeable cores are compatible with SFIC products from other manufacturers, and they’re backed by one of the best names in the business.

Features



# Retrofit locks

The RU Series from Falcon is designed to retrofit existing unit locks manufactured by Falcon, Corbin Russwin and Yale. It exceeds ANSI Grade 1 specifications and is UL/ULC listed. The RU Series incorporates Falcon's vandal resistant PressureRelease™ trim to prevent damage to internal mechanism, and it installs with minimal rework to existing doors while preserving the door and frame for cost effective project planning. Falcon's RU Series satisfies all ADA easy access requirements.

### Features

- Vandal resistant PressureRelease™ outside lever disengages when locked to prevent damage to internal mechanism
- 2 lever designs
- Complements Falcon's "family" of lever designs
- "Power Spring™" in rose trim prevents lever sag
- 12 commercial lock functions
- 2 standard finishes: 613 and 626
- No exposed mounting screws
- Solid bar stock deadlocking feature prevents latch binding and lock failure due to poor door alignment
- Exceeds 1,000,000 cycle ANSI Grade 1 requirement
- Meets or exceeds all other ANSI A156.2 rigorous Grade 1 specifications for key-in-lever products

### Benefits

- Preserves existing facility doors and frames
- Preserves original architectural design without adapter plate or add-ons
- Easy installation with minimal door modifications
- Features a 4" square rose which covers existing mounting holes, most paint lines and required door rework
- Complies with ADA easy access requirements
- UL/ULC listed for 3 Hour A Label doors
- Strikes available to match existing frame preparation
- Reuse existing facility cylinders and key system
- Non-handed chassis and field reversible trim and latch bolt for easy stocking and lower inventory cost
- Key removable outside lever for easy cylinder replacement
- Outside lever secured by a spring-loaded retainer. Retainer cannot be depressed when locks have been locked. Inside lever secured by a set screw. Levers have heavy-duty steel individual return springs in order to prevent lever sag

### Specifications

Retrofit locksets shall be Falcon lock RU Series or equal and meet the following requirements:

- Exceeds ANSI A156.2 Grade 1 key-in-lever specifications
- Available with Falcon standard or interchangeable core cylinders in 6 and 7-pin configuration
- Interchangeable core levers are non-removable with core installed
- Available with some 6-pin competitor's keyways
- Accepts interchangeable (removable) cores and standard 6-pin cylinders from the following manufacturers: Arrow, Assa, Best, Corbin Russwin (except Master-Ring), Medeco, Sargent, Schlage and Yale
- PressureRelease™ (clutchable) outside lever
- Heavy duty, solid levers are 5" long and have no inserts
- No exposed mounting screws
- Installs with 10-32 through-bolt screws with thread sealant for extra security and resistance to vibrating loose
- Standard lock is for 1 3/4" thick doors. Also available for 2" and 2 1/4" thick doors
- 2 3/4" backset only
- ANSI strike standard
- Optional OEM strikes available

Designs and styles

# Lever styles

Levers are solid pressure cast zinc, finished to match mating parts. Roses are wrought brass or bronze, and are installed over pressure cast through-bolted rose inserts. Levers are secured by a spring-loaded retainer. Retainer cannot be depressed when locks have been locked.

Dane (D)



Quantum (Q)









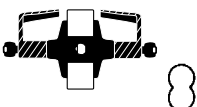






Trim finishes chart

Description	ANSI No.	Available on
Oil rubbed bronze	613	All trim
Satin chrome	626	All trim

## Functions

To order Falcon lock RU Series locksets, please consult page 32 for ordering information and assistance.

 Indicates interchangeable core available.

Catalog number	Function	Name	Description
RU101		Passage/closet set	Latch bolt by levers at all times.
RU301		Privacy lock	Latch bolt by levers. Outside lever locked by push button in inside lever. Rotating inside lever or closing door releases push button. Emergency release in outside lever unlocks door.
RU381		Apartment exit lock	Deadlocking latch bolt by levers except when outside lever is locked by key inside, then by key outside. Inside lever is always locked.
RU411		Asylum lock	Deadlocking latch bolt by key from either side at all times. Both levers inoperable.
RU501		Entry lock	Push button locking. Button on inside locks outside lever until unlocked by key or by rotating inside lever. Inside lever always free. Deadlocking latch bolt.
RU511		Entry/office lock	Turn/push button locking. Pushing and turning button locks outside lever requiring use of key until button is manually unlocked. Push button locking. Pushing button locks outside lever until unlocked by key or by rotating inside lever. Inside lever always free. Deadlocking latch bolt.
RU521		Office lock	Turn button locking. Turning button locks outside lever requiring use of key until button is manually unlocked. Inside lever always free. Deadlocking latch bolt.
RU561		Classroom lock	Deadlocking latch bolt by levers. Outside lever is locked by key in outside lever. Inside lever is always free.
RU571		Dormitory lock	Deadlocking latch bolt by levers except when locked by push button in inside lever. Key in outside lever locks or unlocks lever and releases button. Closing door releases push button. Inside lever always free.
RU581		Storeroom lock	Deadlocking latch bolt by lever inside or key outside. Outside lever is inoperable. Inside lever always free.
RU851		Storeroom (electrified-fail safe)	Latch bolt operated by lever from either side except when outer lever is electrically locked. When outer lever is locked (inoperable), latch bolt retracted by key in cylinder outside dead locking latch bolt. 24V/DC .185AMPS.
RU881		Storeroom (electrified-fail secure)	Deadlocking latch bolt operated by lever inside at all times. Outside lever inoperable until electrically unlocked, then latch bolt from either side. When outside lever is inoperable, latch bolt retracted by key in cylinder outside.



# Standard cylinders

The Falcon RU Series accepts the following manufacturers' 6-pin cylinders:



### Standard 6-pin cylinders\*

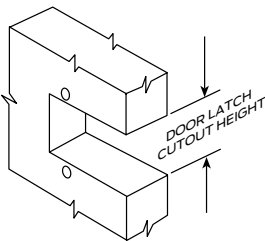
- Falcon
  - Corbin Russwin
  - Medeco
  - Sargent
  - Yale - Monolock - unit lock
  - Arrow
- Peaks
  - Schlage
  - Assa
  - Lori
  - Primus (Schlage)
  - Yale

\* Locks must be modified for some cylinders. Be sure to specify manufacturer when ordering.

### Standard cylinders

Catalog number	Description	Function
A23151-05	5-Pin assembly	All except 381 inside cylinder, 571
A23151-06	5-Pin assembly	All except 381 inside cylinder, 571
A23151-07	5-Pin assembly	All except 381 inside cylinder, 571
A23161-05	6-Pin assembly	All except 381 inside cylinder
A23161-06	6-Pin assembly	All except 381 inside cylinder
A23161-07	6-Pin assembly	All except 381 inside cylinder
A23171-05	7-Pin assembly	571
A23171-06	7-Pin assembly	571
A23171-07	7-Pin assembly	571

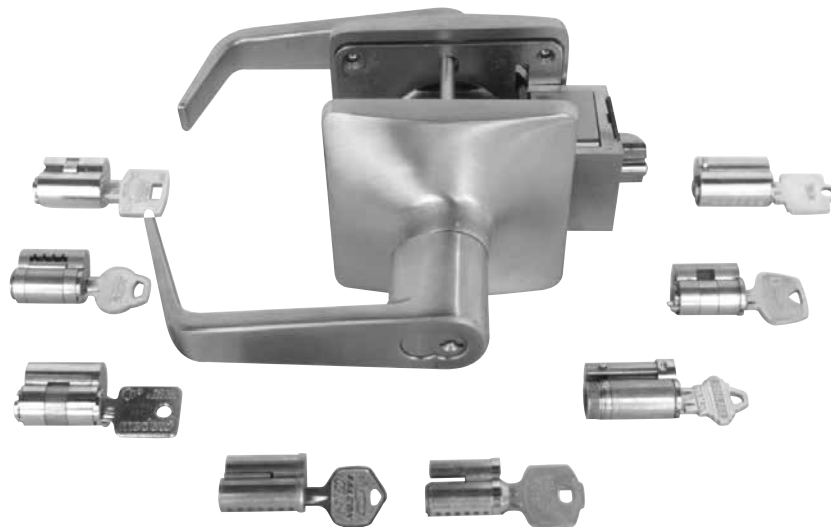
Note: Specify finish: 606 or 626. Specify keyway: "E", "G" (standard), "H", "K", "L", "N", "P".



- Latch heights currently identified and the manufacturer.
- 1 3/4" Corbin, Russwin, Yale
  - 2 1/16" Corbin, Falcon
  - 2 5/8" Corbin, Sargent
  - 2 11/16" Russwin (Earliest)

# Interchangeable cores

The Falcon RU Series accepts the following manufacturers' interchangeable cores:



## Interchangeable cores\*

- Falcon
- Best
- Peaks (Kaba)
- Schlage
- Arrow
- Corbin Russwin
- Primus (Schlage)
- Yale - 32 Series
- Assa
- Sargent
- Medeco

\* Locks must be modified for some cylinders. Be sure to specify manufacturer when ordering.

## Interchangeable cores

Catalog number	Description
C606	For use in all RU Series I/C keyed locks – 6-pin (cover style)
C607	For use in all RU Series I/C keyed locks – 7-pin (cover style)
CB806	For use in all RU Series I/C keyed locks – 6-pin (cap style)
CB807	For use in all RU Series I/C keyed locks – 7-pin (cap style)

Note: Specify finish: 606 or 626. Specify keyway: "A" (standard or other keyway)

# Competitor keyways

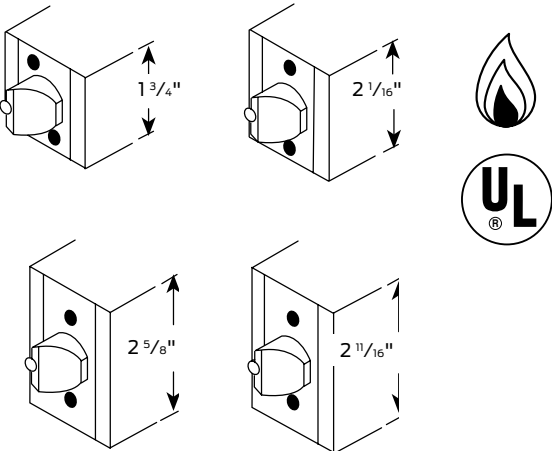
## Standard cylinders with competitor keyways - 6-pin

Catalog number	Description	Function
A23170-000	Arrow 'O' bitted	All except 381 IS, 571
A23170-0KA	Arrow 'KA' keyed alike 4	All except 381 IS, 571
A23170-0KD	Arrow 'KD' keyed different	All except 381 IS, 571
A23167-000	Corbin 60 'O' bitted	All except 381 IS, 571
A23167-0KD	Corbin 60 'KD' keyed different	All except 381 IS, 571
A23174-000	Corbin Russwin L4 'O' bitted	All except 381 IS, 571
A23168-000	Russwin D1 'O' bitted	All except 381 IS, 571
A23168-0KD	Russwin D1 'KD' keyed different	All except 381 IS, 571
A23166-000	Sargent LA 'O' bitted	All except 381 IS, 571
A23166-0KD	Sargent LA 'KD' keyed different	All except 381 IS, 571
A23160-000	Schlage C 'O' bitted	All except 381 IS, 571
A23160-0KA	Schlage C 'KA' keyed alike 4	All except 381 IS, 571
A23160-0KD	Schlage C 'KD' keyed different	All except 381 IS, 571
A23159-000	Schlage E 'O' bitted	All except 381 IS, 571
A23169-000	Yale 8 (Para) 'O' bitted	All except 381 IS, 571
A23169-0KD	Yale 8 (Para) 'KD' keyed different	All except 381 IS, 571
A23158-000	Yale GA 'O' bitted	All except 381 IS, 571
A23170-011	Arrow 'O' bitted	381 Inside cylinder
A23170-11A	Arrow 'KA' keyed alike 4	381 Inside cylinder
A23170-11D	Arrow 'KD' keyed different	381 Inside cylinder
A23167-011	Corbin 60 'O' bitted	381 Inside cylinder
A23167-11D	Corbin 60 'KD' keyed different	381 Inside cylinder
A23174-011	Corbin Russwin L4 'O' bitted	381 Inside cylinder
A23168-011	Russwin D1 'O' bitted	381 Inside cylinder
A23168-11D	Russwin D1 'KD' keyed different	381 Inside cylinder
A23166-011	Sargent LA 'O' bitted	381 Inside cylinder

Catalog number	Description	Function
A23166-11D	Sargent LA 'KD' keyed different	381 Inside cylinder
A23160-011	Schlage C 'O' bitted	381 Inside cylinder
A23160-11A	Schlage C 'KA' keyed alike 4	381 Inside cylinder
A23160-11D	Schlage C 'KD' keyed different	381 Inside cylinder
A23159-011	Schlage E 'O' bitted	381 Inside cylinder
A23169-011	Yale 8 (Para) 'O' bitted	381 Inside cylinder
A23169-11D	Yale 8 (Para) 'KD' keyed different	381 Inside cylinder
A23158-011	Yale GA 'O' bitted	381 Inside cylinder
A23170-012	Arrow 'O' bitted	571
A23170-12A	Arrow 'KA' keyed alike 4	571
A23170-12D	Arrow 'KD' keyed different	571
A23167-012	Corbin 60 'O' bitted	571
A23167-12D	Corbin 60 'KD' keyed different	571
A23174-012	Corbin Russwin L4 'O' bitted	571
A23168-012	Russwin D1 'O' bitted	571
A23168-12D	Russwin D1 'KD' keyed different	571
A23166-012	Sargent LA 'O' bitted	571
A23166-12D	Sargent LA 'KD' keyed different	571
A23160-012	Schlage C 'O' bitted	571
A23160-12A	Schlage C 'KA' keyed alike 4	571
A23160-12D	Schlage C 'KD' keyed different	571
A23159-012	Schlage E 'O' bitted	571
A23169-012	Yale 8 (Para) 'O' bitted	571
A23169-12D	Yale 8 (Para) 'KD' keyed different	571
A23158-012	Yale GA 'O' bitted	571

# Latches

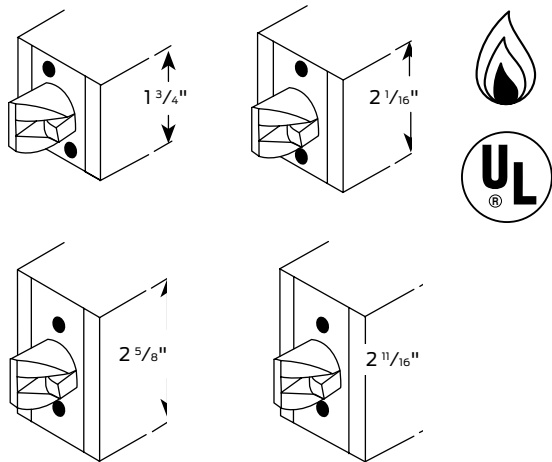
## 1/2" projection, standard, UL listed



Catalog number	Description	Latch height
A31469-001	2 3/4" backset spring	1 3/4"
A31469-002	2 3/4" backset spring	2 1/16"
A31469-003	2 3/4" backset spring	2 5/8"
A31469-004	2 3/4" backset spring	2 11/16"
A31469-01D	2 3/4" backset deadlocking	1 3/4"
A31469-02D	2 3/4" backset deadlocking	2 1/16"
A31469-03D	2 3/4" backset deadlocking	2 5/8"
A31469-04D	2 3/4" backset deadlocking	2 11/16"

Latches for RU Series locks are 2 3/4" backset for 1 3/4" thick door.  
Specify finish: 605, 606, 612, 613, 625, 626.

## 3/4" projection, optional, UL listed



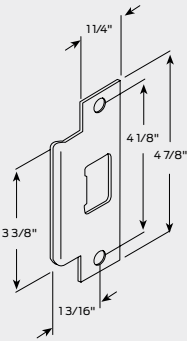
Latches for RU Series locks are 2 3/4" backset, 1 3/4" thick door.  
Specify finish: 605, 606, 612, 613, 625, 626.

Options and accessories

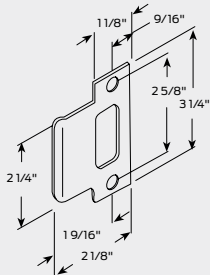
Strikes and dust boxes

Strikes

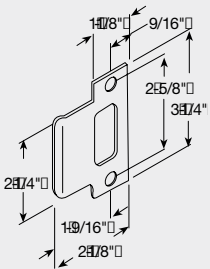
Furnished with a 4 7/8" ANSI Strike unless otherwise specified.



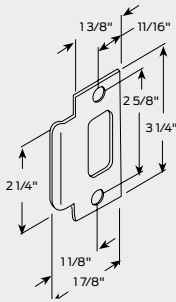
005164-000\*  
ANSI Prep A115.2



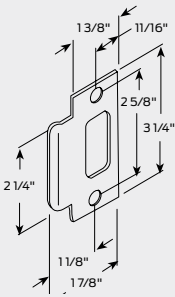
031471-000\*  
Early Corbin Russwin  
single door  
  
Note: Strike, door and  
lock same center line



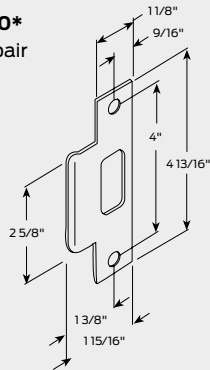
031471-001\*  
Early Corbin Russwin  
single door  
  
Note: Strike center line  
is not the same as door  
and lock



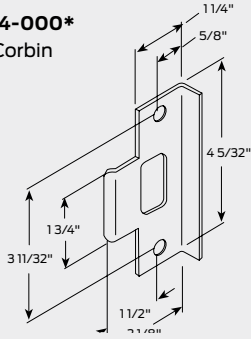
031472-000\*  
Early Corbin  
Russwin pair  
of doors



031473-000\*  
Yale mono pair  
of doors



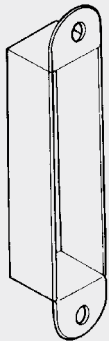
031474-000\*  
Early Corbin



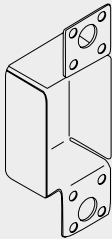
031477-000\*  
Early Russwin  
unit lock

\* Specify finish: 605, 606, 612 or 625, 626 or 630

Dust boxes



005099-000-30  
1" deep. May be used with any  
4 7/8" high (ANSI) strike.



031453-000-30  
3/4" deep. May be used  
with any 3 1/4" high strike.

# Function and trim style cross-reference

RU Series Grade 1 Retrofit unit key-in-lever

ANSI number/grade	Function	Falcon	Corbin/Russwin	Old Corbin unit lock	Old Russwin unit lock	Old Yale mono-lock	Yale mono-lock retrofit	Old Falcon R Series
F75	Passage	RU101	UT5210	310	510	6201	6401	R101
F76	Privacy	RU301	UT5220	320	520	6202	6402	R301
F88	Vestibule	RU381	UT5272	354	546 1/2	6217	6417	R381
F87	Asylum	RU411	—	—	—	6230	—	R411
F82	Entry	RU501	UT5261	361	546	6204	6404	R501
F109	Entry/office	RU511	—	—	—	6207	6407	—
F81	Entry/office	RU521	UT5251	351	540	—	—	R521
F84	Classroom	RU561	UT5255	355	540 5/8	6208	6408	R561
F90	Dormitory	RU571	—	—	—	6222	6422	R571
F86	Storeroom	RU581	UT5257	357	552	6205	6405	R581
	(Electrified storeroom fail-safe)	RU851	—	—	—	—	—	—
	(Electrified storeroom fail-secure)	RU881	—	—	—	—	—	—

Trim styles

Falcon	Corbin/Russwin	Old Corbin unit lock	Old Russwin unit lock	Old Yale mono-lock	Yale mono-lock Retrofit	Old Falcon R Series
Dane	Essex	912LR	Moderalev	Saxon	AU	—
Quantum	—	—	—	—	PB	—

All effort has been made to make this information comprehensive. Since no two products are exactly alike, this data represents those products which are similar. This information was obtained from trade services and is not guaranteed nor meant to represent any product as equal to any other product.

# How to order

For correct ordering, and to ensure no delays in shipment of your order, the following descriptive data must be listed in the sequence shown. Necessary information can be found in other parts of this catalog. The example below shows an order for 8 each RU locksets in the 521 Office function, D (Dane) trim design, 626 finish, 1 3/4" latch height, 4 7/8" ANSI strike, less cylinder, prepared for Russwin I/C core with 2 3/4" backset latch, to accommodate doors 1 3/4" thick.

- **Quantity:** Indicate the quantity required.
- **Catalog number:** Select catalog number. All catalog numbers shown in this catalog indicate 2 3/4" backset only. For thicker doors consult factory.
- **Trim design:** Indicate letter of lever design.
  - Example: D=Dane; Q=Quantum.
- **Finish:** When the finish is the same for the outside and inside trim, it is shown once (626). For split finishes, the outside is designated first, then the inside (605 x 625).
- **Latches:** 2 3/4" backset only.
- **Strikes:** 4 7/8" X 1 1/4" ANSI standard. Optional retrofit strikes available: 3/4", 4 3/16" and 4 5/32". See page 30 for more details.
- **Cylinder type:** Locks are furnished with Falcon's standard cylinder unless otherwise specified. See page 26 for details. When ordered "less cylinder" it is necessary to indicate which competitor's standard cylinder or I/C core the lockset must be prepared for.
  - Example: Less cylinder - Prepared for Russwin I/C core and whether the cylinder is 6 or 7 pin.
- **Door hand:** Specify hand RH/LH or RHR/LHR so latch may be assembled to outer trim properly. Field reversible.
- **Keying detail:** We suggest using the standard terms developed by the Door & Hardware Institute.
  - Example: AA1 - Grand master keyed, master keyed, change key 1.
- **Keyways:** "G" is standard on regular cylinders, "A" is standard on interchangeable cores. Other keyways available. See page 28.

## How to order example

Qty.	Catalog number	Trim design	Finish	Latch height*	Strike	Handing	Cylinder	Other requirements
8	RU521	D	626	1 3/4"	Std	RHR	Less cylinder	Prepare for Russwin I/C core



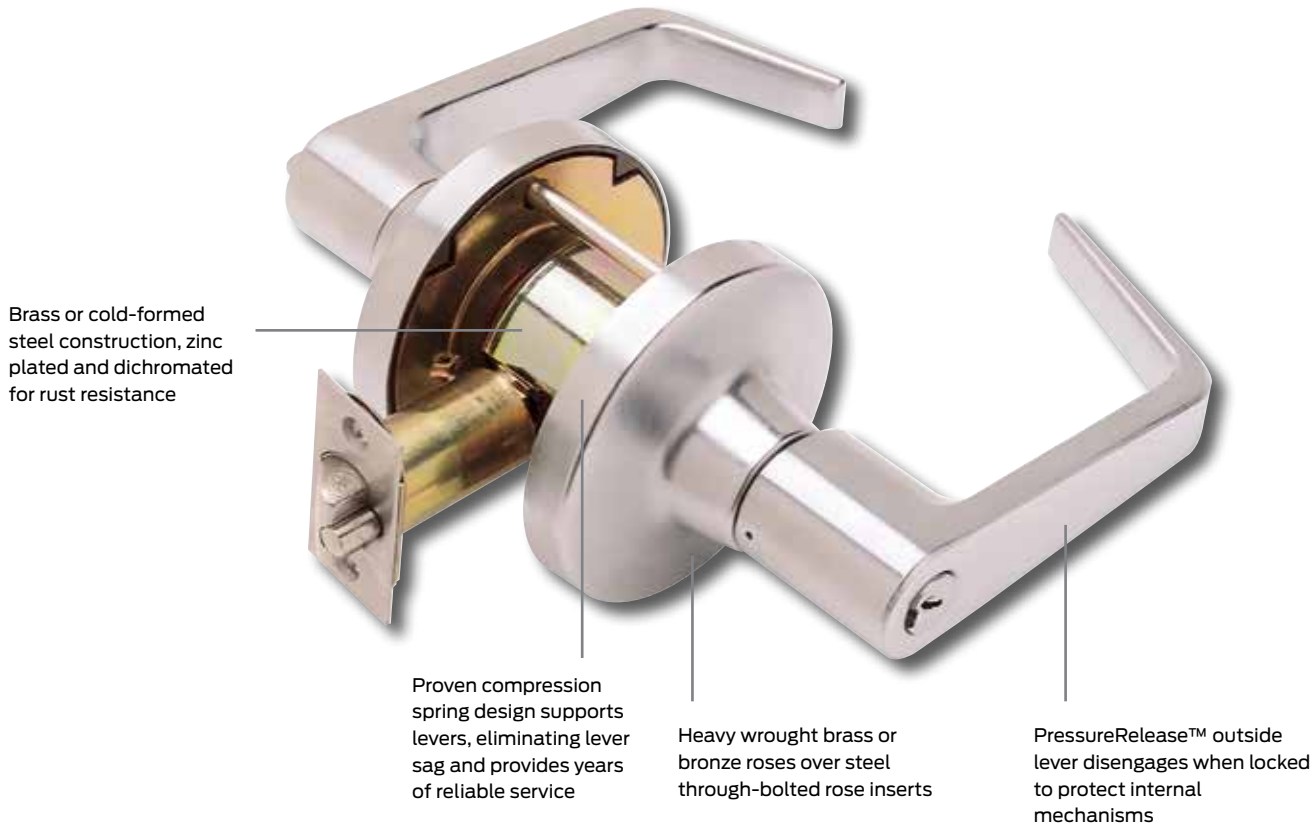
Lock type comparison chart	Glossary and finish chart	MA Series	<b>RU Series</b>	T Series	X Series	K Series	B Series	W Series	H2 Series	D Series	K900 Series	Construction keying and product ID chart
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# T Series

Grade 1, extra heavy-duty cylindrical lever locks

Simply put, the Falcon T Series lock is the most versatile lockset in the industry. This extra heavy duty lock can accept any manufacturer’s cylinder, and the cylinder can easily be removed for quick re-keying. Redesigned with a compression spring behind the cylinder, the T Series is now stronger than ever and lever sag has been virtually eliminated. This adaptable lock is well suited for either new construction or retrofit use in buildings as varied as multi-family, retail, institutional and government/military.

## Features



# T Series

## Features

**Door thickness:** 1 3/4" to 2 1/8" standard. Thin door adapter kit (A30775-000-00) available for doors thinner than 1 3/4", please specify door thickness.

**Backset:** 2 3/4" standard. 2 3/8" also available. Link (A22161-005-10) available for 5" backset.

**Mechanism:** Parts constructed of brass or cold formed steel, zinc plated and dichromated for rust resistance. Springs are stainless steel. compression spring design supports levers, eliminating lever sag and provides years of reliable service.

**Attachment:** Lock chassis secured to door by threaded mounting nuts. Completely preassembled outer trim and inner spindle assembly are through-bolted over chassis using (2) 10-32 screws. Adding rose and lever to inner spindle assembly completes installation.

**Handing:** Locks are non-handed.

**Cylinders:** Drilled with 6-pin chambers, pinned in 5. Pinning in 6 chambers available when specified, at no cost. 7-pin cylinders also available. Cylinder assemblies removable to rekey. Also available with 6 or 7-pin interchangeable core cylinders. Cylinder housings and plugs machined from solid brass. Springs are phosphor bronze. Two nickel silver keys furnished standard. Interchangeable core design is available for small format (SFIC) and large format for most manufacturers, see page 38.

**Keywords:** "G" keyway standard on conventional cylinders. "A" keyway standard on I/C core cylinders. Also available with some optional keyways.

**Trim:** Roses are heavy wrought brass or bronze, installed over pressure cast rose inserts which are through-bolted through door. Levers are pressure cast (solid levers—no inserts) material finished to match mating parts.

**Latches:** 1/2" bolt projection, UL listed with latch faceplates 2 1/4" x 1 1/8" with square corners standard. 3/4" projection, UL listed latch with 2 3/4" backset also available. Adjustable front standard. See page 40 for optional latches.

**Strikes:** 4 7/8" x 1 1/4" ANSI strike with curved lip to meet ANSI A115.2 door frame preparation standard. Consult page 41 for other available strike sizes and configurations.

**Screws:** Furnished with combination screws for use in wood or metal doors and frames.

**Electrified functions:** Available in 24 VDC .185 AMP.

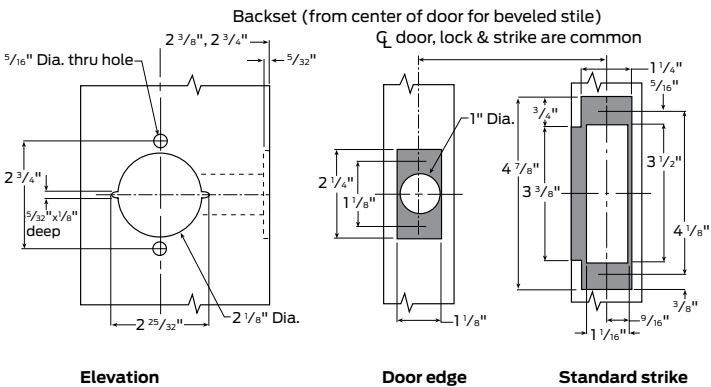
**ANSI/BHMA:** Meets ANSI/BHMA A156.2, Series 4000, Grade 1.

**UL:** 3 hour A label.

## Specifications

**Key-in-lever cylindrical locksets shall be Falcon lock T Series or equal and meet the following requirements:**

- All locks shall meet the new ANSI/BHMA A156.2, Series 4000, Grade 1 for key-in-lever locksets.
- Locksets shall be UL Listed (3 hour A Label).
- Locksets shall be provided standard with Pressure Release™ feature. When outside lever is locked, it is not rigid but will move freely without operating the latch bolt.
- Lever trim shall have individual heavy-duty compression springs behind rose for lever return and to prevent lever sag. Trim shall be through-bolted with two (2) 10-32 screws coated with thread sealant to provide strength and resistance to loosening. Inner and outer trim shall "bottom out" to prevent door collapse. Roses shall be minimum of 3 1/2" diameter.
- All lever designs shall be solid and meet the federal ADA and state disability requirements. Inside levers shall be attached by Allen-head set screw to prevent tampering or vandalism.
- Locksets shall adjust to fit door thickness from 1 3/4" to 2 1/8".
- All locksets shall be non-handed and not require field disassembly for re-handing.
- Preparation for door must be non-handed. Acceptable manufacturer: Falcon lock

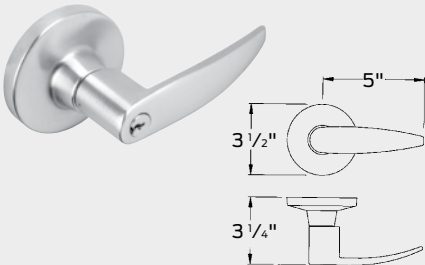


Designs and styles

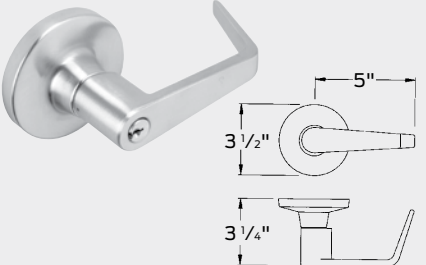
Lever styles

Levers are solid pressure cast zinc, finished to match mating parts. Roses are wrought brass or bronze installed over steel throughbolted rose inserts. Pressure Release™ levers are standard. Levers are secured by a spring-loaded retainer. Retainer cannot be depressed when locks have been locked.

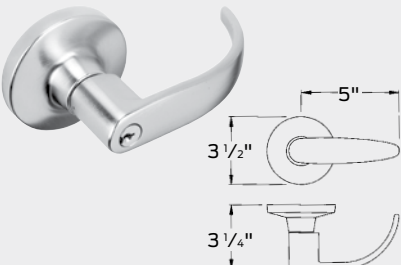
Avalon (A)




Dane (D)




Quantum (Q)




Boardwalk (BRK)




Broadway (BRW)



Latitude (LAT)



Longitude (LON)



Trim finishes chart

Description	ANSI No.	Available on
Bright brass	605	All trim
Satin brass	606	All trim
Oil rubbed bronze	613	All trim
Satin nickel	619	All trim
Matte black	622	All trim
Bright chrome	625	All trim
Satin chrome	626	All trim
Aged bronze	643e	All trim






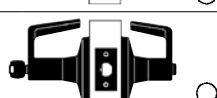
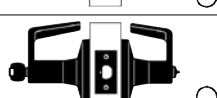
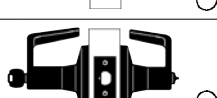
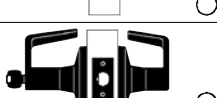
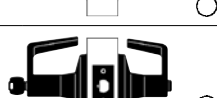

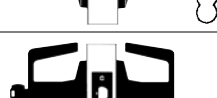
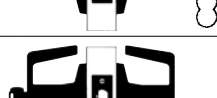

Abrasive coated levers

Avalon, Dane, and Quantum levers are available with abrasive coating along the length of the lever to identify entrances to hazardous areas to the handicapped. To order add: “with abrasive coated outer lever” in detail section of order.

## Functions

To order Falcon T Series locksets, please consult page 43 for ordering information and assistance.

 Indicates interchangeable core available.

Catalog number	Function	Name	Description	ANSI no.
T101		Passage/closet set	Latch bolt by levers at all times.	F75
T301		Privacy lock	Latch bolt by levers. Outside lever locked by push button in inside lever. Rotating inside lever or closing door releases push button. Emergency release in outside lever unlocks door.	F76
T351		Closet lock	Deadlocking latch bolt by turn knob inside or lever outside except when outside lever is locked by key.	
T381		Classroom security lock	Deadlocking latch bolt by levers from either side except when outside lever is locked by key from inside. Outside key only retracts latch. Outside lever is locked and unlocked only by inside key.	F88
T411		Asylum lock	Deadlocking latch bolt operated by key in lever from either side. Both levers always inoperable.	F87
T501		Entry lock	Push button locking. Button on inside locks outside lever until unlocked by key or by rotating inside lever. Inside lever always free. Deadlocking latch bolt.	F82
T511		Entry/office lock	Turn/push button locking. Pushing and turning button locks outside lever requiring use of key until button is manually unlocked. Push button locking. Pushing button locks outside lever until unlocked by key or by rotating inside lever. Inside lever always free. Deadlocking latch bolt.	F109
T521		Office lock	Turn button locking. Turning button locks outside lever requiring use of key until button is manually unlocked. Inside lever always free. Deadlocking latch bolt.	F81
T561		Classroom lock	Deadlocking latch bolt by levers. Outside lever is locked by key in outside lever. Inside lever is always free.	F84
T571		Dormitory lock	Deadlocking latch bolt by levers except when locked by push button in inside lever. Key in outside lever locks or unlocks outside lever and releases button. Closing door releases push button. Inside lever always free.	F90
T581		Storeroom lock	Deadlocking latch bolt by lever inside or key outside. Outside lever is inoperable. Inside lever always free.	F86
T851		Storeroom (electrified-fail safe)	Inside Lever Always Free. Latch bolt operated by lever from either side except when outer lever is electrically locked. When outer lever is locked (inoperable), latch bolt retracted by key in cylinder outside. 24 volt DC .185 Amps, continuous duty.	
T881		Storeroom (electrified - fail secure)	Inside lever always free. Deadlocking latch bolt operated by lever inside at all times. Outside lever inoperable until electrically unlocked, then latch bolt from either side. When outside lever is inoperable latch bolt retracted by key in cylinder outside. 24 volt DC .185 Amps, continuous duty.	
T12		Dummy trim	Single trim-surface mounted rigid lever.	

# Cylinders

The Falcon T Series accepts the following competitors standard 6-pin cylinders and Interchangeable cores:

**Standard 6-pin cylinders\***

- Arrow
- Assa
- Corbin Russwin
- Lori
- Medeco
- Primus (Schlage)
- Sargent
- Schlage
- Yale

**I/C removable cores\***

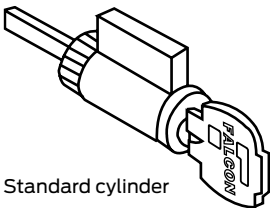
- Arrow
- Best
- Corbin Russwin
- Medeco Keymark
- Medeco 32 Series
- Peaks (Kaba)
- Primus (Schlage)
- Sargent
- Schlage
- Yale

\*Locks must be modified for some cylinders.  
Be sure to specify manufacturer when ordering.

**Falcon standard cylinders**

Catalog number			
5-Pin cylinder	6-Pin cylinder	7-Pin cylinder	Function
A23151-05	A23161-05	A23171-05	All except 381 I/S, 571
A23151-06	A23161-06	A23171-06	381 Inside cylinder
A23151-07	A23161-07	A23171-07	571

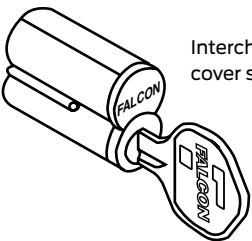
Note: Specify finish: 606 or 626. Specify keyway: “E”, “G” (standard), “H”, “K”, “L”, “N”, “P”.



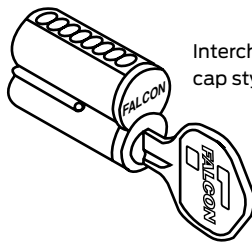
Standard cylinder

**Falcon interchangeable cores**

Catalog number	Description
C606	For use in all T Series I/C keyed locks – 6-pin (cover style)
C607	For use in all T Series I/C keyed locks – 7-pin (cover style)
CB806	For use in all T Series I/C keyed locks – 6-pin (cap style)
CB807	For use in all T Series I/C keyed locks – 7-pin (cap style)



Interchangeable core cover style



Interchangeable core cap style

Note: Construction keying available. Reference page 101 for more information.

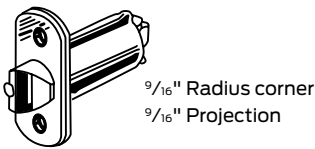
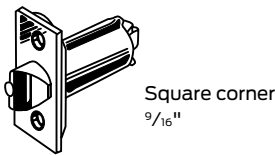
# Competitor keyways

Standard cylinders with competitor keyways - 6

Catalog number	Description	Function
A23167-000	Corbin 60 'O' bitted	all except 381 IS, 571
A23167-OKD	Corbin 60 'KD' keyed different	all except 381 IS, 571
A23168-000	Russwin D1'O' bitted	all except 381 IS, 571
A23168-OKD	Russwin D1 'KD' keyed different	all except 381 IS, 571
A23174-000	Corbin/Russwin L4 'O' bitted	all except 381 IS, 571
A23166-000	Sargent LA 'O' bitted	all except 381 IS, 571
A23166-OKD	Sargent LA 'KD' keyed different	all except 381 IS, 571
A23160-000	Schlage C 'O' bitted	all except 381 IS, 571
A23160-OKA	Schlage C 'KA' keyed alike 4	all except 381 IS, 571
A23160-OKD	Schlage C 'KD' keyed different	all except 381 IS, 571
A23159-000	Schlage E 'O' bitted	all except 381 IS, 571
A23169-000	Yale 8 (PARA) 'O' bitted	all except 381 IS, 571
A23169-OKD	Yale 8 (PARA) 'KD' keyed different	all except 381 IS, 571
A23167-011	Corbin 60 'O' bitted	381 inside
A23167-11D	Corbin 60 'KD' keyed different	381 inside
A23168-011	Russwin D1'O' bitted	381 inside
A23168-11D	Russwin D1 'KD' keyed different	381 inside
A23174-011	Corbin/Russwin L4 'O' bitted	381 inside
A23166-011	Sargent LA 'O' bitted	381 inside
A23166-11D	Sargent LA 'KD' keyed different	381 inside
A23160-011	Schlage C 'O' bitted	381 inside
A23160-11A	Schlage C 'KA' keyed alike 4	381 inside
A23160-11D	Schlage C 'KD' keyed different	381 inside
A23159-011	Schlage E 'O' bitted	381 inside
A23169-011	Yale 8 (PARA) 'O' bitted	381 inside
A23169-11D	Yale 8 (PARA) 'KD' keyed different	381 inside
A23167-012	Corbin 60 'O' bitted	571
A23167-12D	Corbin 60 'KD' keyed different	571
A23168-012	Russwin D1'O' bitted	571
A23168-12D	Russwin D1 'KD' keyed different	571
A23174-012	Corbin/Russwin L4 'O' bitted	571
A23166-012	Sargent LA 'O' bitted	571
A23166-12D	Sargent LA 'KD' keyed different	571
A23160-012	Schlage C 'O' bitted	571
A23160-12A	Schlage C 'KA' keyed alike 4	571
A23160-12D	Schlage C 'KD' keyed different	571
A23159-012	Schlage E 'O' bitted	571
A23169-012	Yale 8 (PARA) 'O' bitted	571
A23169-12D	Yale 8 (PARA) 'KD' keyed different	571

Options and accessories

Latches



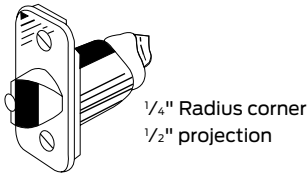
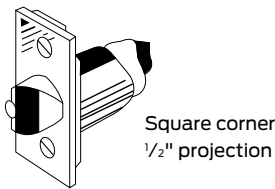
Grade 1, UL listed

Catalog number	Description	Faceplate size	Corner	Projection
A98535-000	2 3/4" Backset spring	2 1/4" x 1 1/8"	Square	9/16"
A98535-00D	2 3/4" Backset deadlocking	2 1/4" x 1 1/8"	Square	9/16"
A98538-000	2 3/4" Backset spring	2 1/4" x 1 1/8"	Radius 9/16"	9/16"
A98538-00D	2 3/4" Backset deadlocking	2 1/4" x 1 1/8"	Radius 9/16"	9/16"

Note: Specify finish 606, 612, 613, 630

Latches for T Series locks are UL Listed. 2 3/4" backset standard.

1" width latch face minimum. Unless otherwise specified, we furnish a 2 1/4" x 1 1/8" x square corner faceplate on 2 3/4" backset latches front standard.



Grade 2, UL listed for flat or beveled doors

Catalog number	Description	Faceplate size	Corner	Projection
A92320-000	2 3/8" Backset spring	2 1/4" x 1"	Square	1/2"
A92320-00D	2 3/8" Backset deadlocking	2 1/4" x 1"	Square	1/2"
A92321-000	2 3/8" Backset spring	2 1/4" x 1"	Radius	1/2"
A92321-00D	2 3/8" Backset deadlocking	2 1/4" x 1"	Radius	1/2"
A92330-000	2 3/4" Backset spring	2 1/4" x 1"	Square	1/2"
A92330-00D	2 3/4" Backset deadlocking	2 1/4" x 1"	Square	1/2"
A92331-000	2 3/4" Backset spring	2 1/4" x 1"	Radius	1/2"
A92331-00D	2 3/4" Backset deadlocking	2 1/4" x 1"	Radius	1/2"

Note: Specify finish 606, 612, 613, 630

Latches for T Series locks are UL Listed.

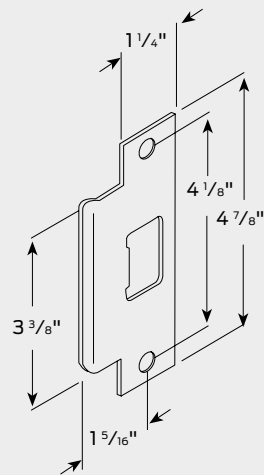
These grade 2 latches have self-adjusting fronts to accommodate beveled or flat front doors. Unless otherwise specified, we furnish a 2 1/4" x 1" x square corner faceplate on these latches.



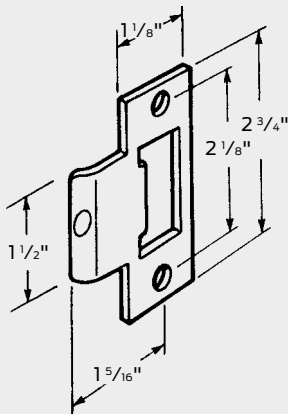
# Strikes, backsets and dustboxes

## Strikes

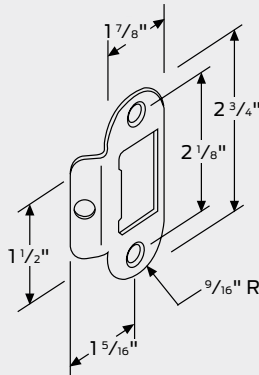
Furnished with a 4 7/8" ANSI Strike unless otherwise specified.



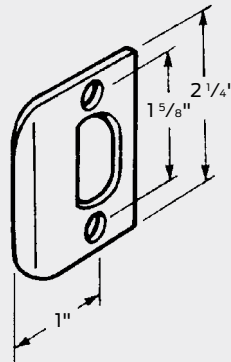
**005164-000**  
ANSI prep A115.2



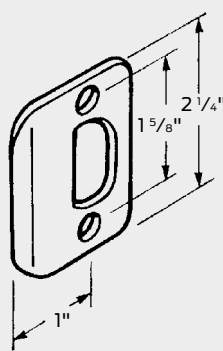
**A05185-000**  
T-strike square corner



**A05185-004**  
T-strike 9/16" radius



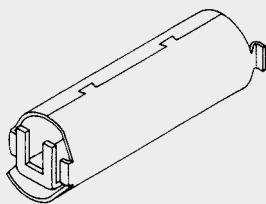
**Q001-049**  
Full lip, square corner



**Q001-048**  
Full lip, 1/4" radius corner

## Long backset extension link

A22161-005-00 Link for 5" backset for use with 2 3/4" backset latches (except 3/4" projection).

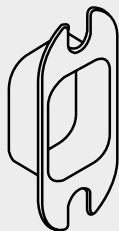


**A22161-005-00**

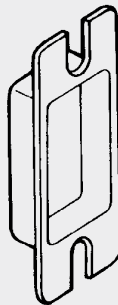
## Dust boxes



**K510-066-PLA (EC 3604)**  
1" deep. May be used with any 4 7/8" high (ANSI) strike.



**012191-003-70**  
1/2" deep. May be used with any 2 3/4" high (T) strike.



**Q001-059**  
7/16" deep. May be used with any 2 1/4" (full lip) high strike.

# Function and trim style cross-reference

## T Series Grade 1 heavy duty cylindrical key-in-lever lock

ANSI no.	Function	Falcon	Arrow	Stanley	Corbin/ Russwin	Hager	Sargent	Yale
F75	Passage	T101	QL01	QCL130	CL3310	3410	10U15	4701LN
F76	Privacy	T301	QL02	QCL140	CL3320	3440	10U65	4702LN
	Closet	T351	-	-	CL3391	-	-	-
F88	Classroom security	T381	-	QCL160/161	CL3372	3495	10G16	-
F87	Asylum	T411	QL33	-	CL3332	-	10G17	4730LN
F82	Entry	T501	-	-	CL3361	-	10G24	4704LN
F109	Dormitory	T511	QL81	QCL150/151	CL3351	3450	-	4707LN
F81	Entry/office	T521	-	-	-	3453	10G05	-
F84	Classroom	T561	QL87	QCL160/161	CL3355	3470	10G37	4708LN
F90	Dormitory	T571	QL89	QCL154/155	-	3473	10G54	4722LN
F86	Storeroom	T581	QL 82	QCL170/171	CL3357	3480	10G04	4705LN
	Storeroom-fail safe	T851	QLE1	QCL192/193	-	3480EL	10G70	-
	Storeroom-fail secure	T881	QLE3	QCL194/195	-	3480EU	10G71	-
	Single dummy	T12	QL08	QCL120	CL3350	3417	10U94	475LN

## Trim styles

Falcon	Arrow	Stanley	Corbin	Hager	Russwin	Sargent	Yale
Dane	Sierra	Sierra	15D	Withnell	NZD	LL	Augusta
Quantum	-	Summit	14D	Archer	PZD	LP	Pacific Beach
Avalon	-	Slate	16D	August	AZD	LB	Monroe
Boardwalk	-	-	-	-	-	-	-
Broadway	-	-	-	-	-	-	-
Latitude	-	-	-	-	-	-	-
Longitude	-	-	-	-	-	-	-

All effort has been made to make this information comprehensive. Since no two products are exactly alike, this data represents those products which are similar. This information was obtained from trade services and is not guaranteed nor meant to represent any product as equal to any other product.

# How to order

For correct ordering, and to ensure no delays in shipment of your order, the following descriptive data must be listed in the sequence shown. Necessary information can be found in other parts of this catalog. The example below shows an order for 12 each T locksets in the 571 Dormitory function, D (Dane) trim design in a 626 (satin chrome) finish, with 2 3/4" backset latch, to accommodate doors 1 3/4" thick.

- **Quantity:** Indicate the quantity required.

▪ **Catalog number:** Select function number, cylinder type, and latch style from tables in this section.

▪ **Trim design:** Indicate letter of lever design required.  
– Example: AVA=Avalon; DAN=Dane; QUA=Quantum.

▪ **Finish:** When the finish is the same for the outside and inside trim, it is shown once (626). For split finishes, the outside is designated first, then the inside (605 x 625).

▪ **Latches:** 2 3/4" backset is standard. Adjustable front standard. A Grade 2 latch with a 1" faceplate in 2 3/8" and 2 3/4" backset also available. See page 40. All latches are UL listed 3 Hour.

▪ **Strikes:** 4 7/8" x 1 1/4" ANSI standard. Optional T-strike or full lip strike available. See page 41.

▪ **Cylinder type:** 6 pin is standard. For 7-pin add PD7 to product catalog numbers (eg. T501PD7 QUA).

▪ **Keying detail:** We suggest using the standard terms developed by DHI (Door and Hardware Institute) or ALOA (Associated Locksmiths of America Inc).  
– Example: AA1 - Grand Master keyed, Master keyed, change key 1.

▪ **Interchangeable core:** To order product capable of accepting an interchangeable core, add suffixes from the keying table to the function number, preceding the latch style.  
– Example: T511JD will be supplied with a FSIC prepped lever to accept a competitor full size interchangeable core.

▪ **Keyways:** "G" is standard on regular cylinders, "A" is standard on interchangeable cores. Other keyways available. See current pricebook.

▪ **Additional keys:** Note the total number of keys required.

▪ **Large bow keys:** Add—"with large bow keys."

How to order example

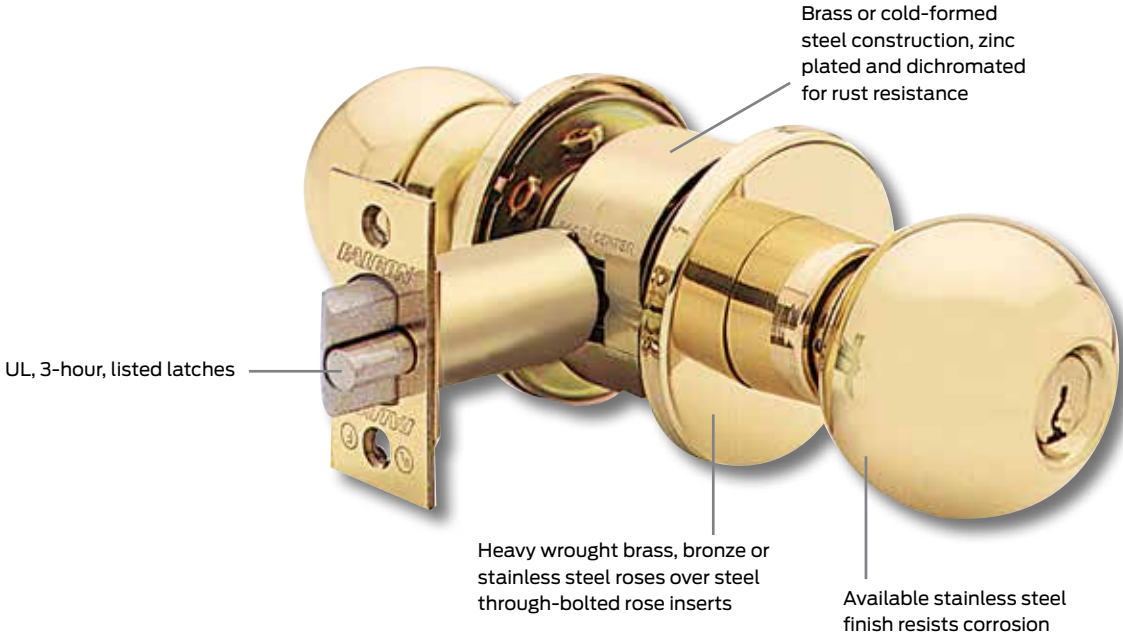
Line item	Qty.	Product	Outside	Inside	Hand	Latch	Strike	Door thickness	Ext.	DIM	Additional details/keying
			Des	Fin		Des	Fin				
1	20	T571JD	Dan	626			98535	5164	1 3/4"		With 012191-003-70 dust box. FSIC prep IC-YA6

# X Series

Grade 1, heavy-duty cylindrical knob locks

When you need a tough, reliable lock that can also withstand the corrosive conditions of a marine environment you need a Falcon X Series lock with our stainless steel (SS) construction. The SS option provides a stainless steel and nonferrous constructed chassis that, when paired with stainless steel trim, provides a Grade 1 lock that is resistant to corrosion when exposed to moisture and salt. This full knob line features an interchangeable core that can be removed for quick, easy re-keying. Our interchangeable cores are compatible with SFIC products from other manufacturers. And they're backed by one of the best names in the business.

## Features



# X Series

## Features

**Door thickness:** 1 3⁄8" to 1 7⁄8" doors. Locks for thicker doors also available. Consult factory.

**Backset:** 2 3⁄4" standard. 2 3⁄8" also available.

**Mechanism:** Parts constructed of brass or cold formed steel, zinc plated and dichromated for rust resistance. Springs are stainless steel. SS Series available with all internal parts of stainless steel or other nonferrous materials.

**Attachment:** Locks secured to door by threaded collars. Inner collar tightened by special wrench furnished with each lock. Outer rose contains locking plate to prevent unauthorized removal.

**Handing:** Specify hand of door when ordering. Field reversible.

**Cylinders:** Drilled with 6-pin chambers, pinned in 5. Pinning in 6 chambers available when specified, at no cost. 7-pin cylinders available in Hana design. Cylinder assemblies removable to rekey or change hand of lock. Also available with 6 or 7-pin interchangeable core cylinders—Elite and Troy designs. Cylinder housings and plugs machined from solid brass. Springs are phosphor bronze. Two nickel silver keys furnished standard. See page 48.

**Keyways:** "G" keyway standard on standard cylinders. "A" keyway standard on I/C core cylinders. Also available with other keyways and some competitor keyways. See page 50.

**Trim:** Roses are heavy wrought brass, bronze or stainless steel, installed over wrought steel reinforcing plates. Knobs are brass, bronze or stainless steel secured by a steel knob retainer which cannot be depressed when lock has been locked. See individual designs on pages 46 for details.

**Latches:** 1⁄2" bolt projection, UL Listed for A-label applications. Standard latch faceplates 2 1⁄4" x 1 1⁄8" with square corners to accommodate beveled or flat front doors. 3⁄4" projection, UL Listed latch with 2 3⁄4" backset also available.

**Strikes:** 47⁄8" x 11⁄4" ANSI strike with curved lip to meet ANSI A115.2 standard door frame preparation standard. Consult Options and Accessories section for other strike sizes and configurations.

**Screws:** Furnished with combination wood/machine screws for use in wood or metal doors and frames.

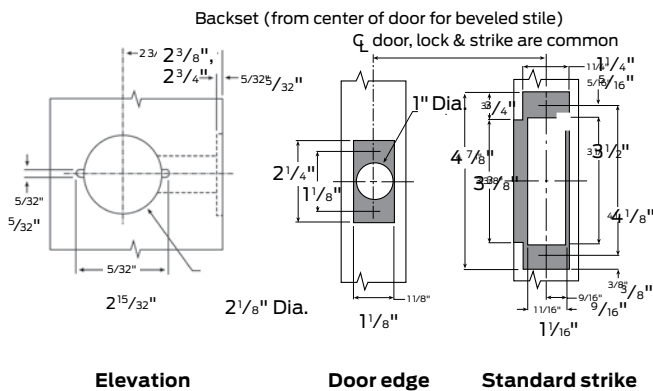
**ANSI/BHMA:** Meets ANSI/BHMA A156.2, Series 4000, Grade 1.

**UL:** 3 hour A label.

## Specifications

**Key-in-knob cylindrical locksets shall be Falcon Lock X Series or equal and meet the following requirements:**

- All locksets and latchsets shall meet Grade 1 requirements of ANSI/BHMA 156.2, Series 4000.
- Locksets and latchsets shall be UL Listed for use on 3 hour A label doors.
- Locksets and latchsets shall have 3 1⁄4" diameter round roses.
- Knobs shall be .050" minimum thickness.
- There shall be no exposed screws on trim.
- Locksets and latchsets shall have threaded collars for easy door thickness adjustment on both sides of lock.
- Cylinders shall have a minimum of 6 active pin chambers and shall be furnished with 2 nickel silver keys.
- Locksets shall have 6-pin (or 7-pin) interchangeable cores.

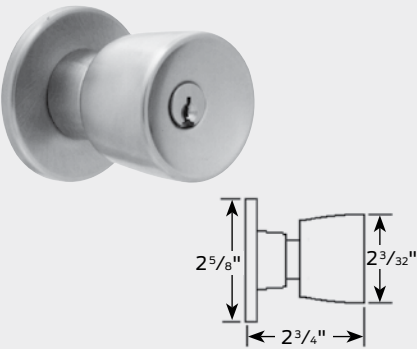


Designs and styles

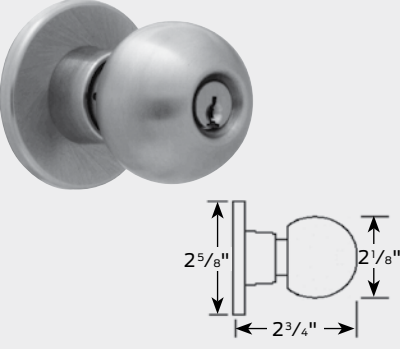
Lever styles

Knobs and roses are wrought brass, bronze or stainless steel (Troy) installed over steel or nonferrous reinforcing plates. Knobs are secured by a spring-loaded retainer. Retainer cannot be depressed when locks have been locked.

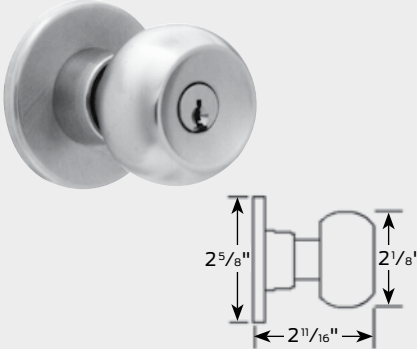
Elite-Gala (EG)



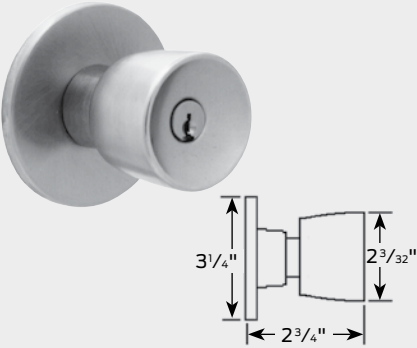
Hana-Gala (HG)



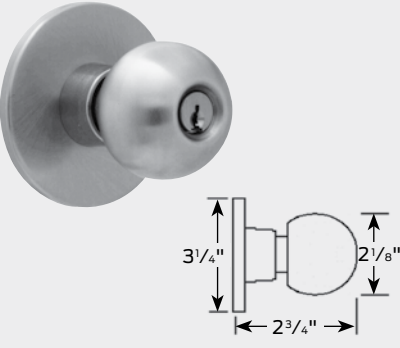
Troy-Gala (TG)



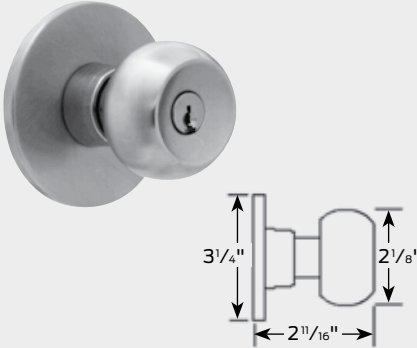
Elite-York (EY)



Hana-York (HY)



Troy-York (TY)



Abrasive coated levers

All trim is available with abrasive coating around the circumference of the knob to identify entrances to hazardous areas to the handicapped. To order, add: “with abrasive coated outer knob” in detail section of order.

Knurled knobs


All heavy duty knobs are available knurled to identify entrances to hazardous areas for the handicapped. To order add: “with knurled knob” (outer or inner) in detail section of order.





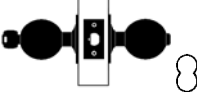


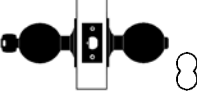


Trim finishes chart

Description	ANSI No.	Available on
Bright brass	605	All trim
Satin brass	606	All trim
Satin bronze	612	All trim
Oil rubbed bronze	613	All trim
Bright chrome	625	All trim
Satin chrome	626	All trim
Satin stainless steel	630	Troy knobs only

## Functions

To order Falcon T Series locksets, please consult page 53 for ordering information and assistance.

 Indicates interchangeable core available.

Catalog number	Function	Name	Description	ANSI No. & Grade
X101		Passage/closet set	Latch bolt by knobs at all times.	F75
X301		Privacy lock	Latch bolt by knobs. Outside knob locked by push button in inside knob. Rotating inside knob or closing door releases push button. Emergency release in outside knob. Emergency Release Tool 001423-001-30.	F76
X411		Asylum lock	Deadlocking latch bolt by key from either side. Both knobs rigid.	F87
X501		Entry lock	Push button locking. Button on inside locks outside knob until unlocked by key or by rotating inside knob.	F82
X511		Entry/office lock	Turn/push button locking. Pushing and turning button locks outside knob requiring use of key until button is manually unlocked. Push button locking. Pushing button locks outside knob until unlocked by key or by turning inside knob.	F109
X521		Office lock	Turn button locking. Turning button locks outside knob requiring use of key until button is manually unlocked. Inside knob always free.	F81
X561		Classroom lock	Deadlocking latch bolt by knobs. Outside knob is locked by key in outside knob. Inside knob is always free.	F84
X571		Dormitory lock	Deadlocking latch bolt by knobs except when locked by push button in inside knob. Key in outside knob locks or unlocks outside knob and releases button. Closing door releases push button. Inside knob always free.	F90
X581		Storeroom lock	Deadlocking latch bolt by inside knob or key outside. Outside knob rigid.	F86
X12		Single dummy	Single trim—surface mounted.	

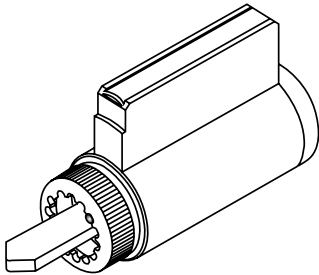
Cylinders, cores and guards

Cylinders

Falcon standard cylinders

Catalog number	6-pin cylinder	7-pin cylinder	Knob design	Function
5-pin cylinder				
A23151-00	A23161-00	N/A	E, T	561
A23152-00	A23162-00	N/A	E, T	411/501/511/521/581
A23151-02	A23161-02	N/A	E, T	571
A23151-02	A23161-02	A23171-01	H	561
A23152-02	A23162-02	A23172-02	H	411/501/511/521/581
A23151-03	A23161-03	A23171-02	H	571

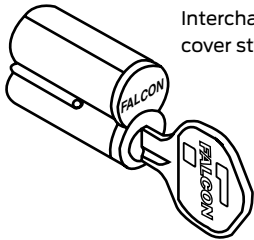
Note: Specify finish: 606 or 626. Specify keyway: "E", "G" (standard), "H", "K", "L", "N" or "P".



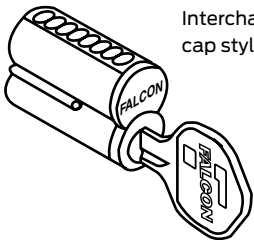
X381 outside  
411, 501  
511, 521, 581  
Hana

Falcon interchangeable cores

Catalog number	Description
C606	For use in all X Series I/C keyed locks-6-pin (cover style)
C607	For use in all X Series I/C keyed locks-7-pin (cover style)
CB806	For use in all X Series I/C keyed locks-6-pin (cap style)
CB807	For use in all X Series I/C keyed locks-7-pin (cap style)



Interchangeable core cover style



Interchangeable core cap style

Note: Construction keying available. Reference page 101 for more information.



# Competitor keyways

## Standard cylinders with competitor keyways — 6-pin

### Functions: 411, 501, 511, 521 and 581

Catalog no.	Description	Knob design
A23174-005	Corbin/Russwin L4 'O' bitted	E,T
A23167-005	Corbin 60 'O' bitted	E,T
A23167-5KD	Corbin 60 'KD' keyed different	E,T
A23168-005	Russwin D1 'O' bitted	E,T
A23168-5KD	Russwin D1 'KD' keyed different	E,T
A23166-005	Sargent LA 'O' bitted	E,T
A23166-5KD	Sargent LA 'KD' keyed different	E,T
A23160-005	Schlage C 'O' bitted	E,T
A23160-5KA	Schlage C 'KA' keyed alike 4	E,T
A23160-5KD	Schlage C 'KD' keyed different	E,T
A23159-005	Schlage E 'O' bitted	E,T
A23169-005	Yale 8 (PARA) 'O' bitted	E,T
A23169-5KD	Yale 8 (PARA) 'KD' keyed different	E,T
A23174-006	Corbin/Russwin L4 'O' bitted	H
A23167-006	Corbin 60 'O' bitted	H
A23167-6KD	Corbin 60 'KD' keyed different	H
A23168-006	Russwin D1 'O' bitted	H
A23168-6KD	Russwin D1 'KD' keyed different	H
A23166-006	Sargent LA 'O' bitted	H
A23166-6KD	Sargent LA 'KD' keyed different	H
A23160-006	Schlage C 'O' bitted	H
A23160-6KA	Schlage C 'KA' keyed alike 4	H
A23160-6KD	Schlage C 'KD' keyed different	H
A23159-006	Schlage E 'O' bitted	H
A23169-006	Yale 8 (PARA) 'O' bitted	H
A23169-6KD	Yale 8 (PARA) 'KD' keyed different	H

Note: Specify finish: 606 or 626.

### Functions: 561

Catalog no.	Description	Knob design
A23174-001	Corbin/Russwin L4 'O' bitted	E,T
A23167-001	Corbin 60 'O' bitted	E,T
A23167-1KD	Corbin 60 'KD' keyed different	E,T
A23168-001	Russwin D1 'O' bitted	E,T
A23168-1KD	Russwin D1 'KD' keyed different	E,T
A23166-001	Sargent LA 'O' bitted	E,T
A23166-1KD	Sargent LA 'KD' keyed different	E,T
A23160-001	Schlage C 'O' bitted	E,T
A23160-1KA	Schlage C 'KA' keyed alike 4	E,T
A23160-1KD	Schlage C 'KD' keyed different	E,T
A23159-001	Schlage E 'O' bitted	E,T
A23169-001	Yale 8 (PARA) 'O' bitted	E,T
A23169-1KD	Yale 8 (PARA) 'KD' keyed different	E,T

Note: Specify finish: 606 or 626.

### Functions: 561 Hana and X571 Troy & Elite

Catalog no.	Description	Knob design
A23174-003	Corbin/Russwin L4 'O' bitted	E,T, H
A23167-003	Corbin 60 'O' bitted	E,T, H
A23167-3KD	Corbin 60 'KD' keyed different	E,T, H
A23168-003	Russwin D1 'O' bitted	E,T, H
A23168-3KD	Russwin D1 'KD' keyed different	E,T, H
A23166-003	Sargent LA 'O' bitted	E,T, H
A23166-3KD	Sargent LA 'KD' keyed different	E,T, H
A23160-003	Schlage C 'O' bitted	E,T, H
A23160-3KA	Schlage C 'KA' keyed alike 4	E,T, H
A23160-3KD	Schlage C 'KD' keyed different	E,T, H
A23159-003	Schlage E 'O' bitted	E,T, H
A23169-003	Yale 8 (PARA) 'O' bitted	E,T, H
A23169-3KD	Yale 8 (PARA) 'KD' keyed different	E,T, H

Note: Specify finish: 606 or 626. Standard cylinders with competitor keyways - 7-Pin

### Functions: 571

Catalog no.	Description	Knob design
A23167-004	Corbin 60 O-bitted	H
A23167-4KD	Corbin 60 KD	H
A23174-004	Corbin Russwin L4 O-bitted	H
A23168-004	Russwin D1 O-bitted	H
A23168-4KD	Russwin D1 KD	H
A23166-004	Sargent LA O-bitted	H
A23166-4KD	Sargent LA KD	H
A23160-004	Schlage C O-bitted	H
A23160-4KA	Schlage C KA4	H
A23160-4KD	Schlage C KD	H
A23159-004	Schlage E O-bitted	H
A23169-004	Yale 8 Para O-bitted	H
A23169-4KD	Yale 8 Para KD	H

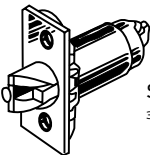
Note: Specify finish: 606 or 626.

Options and accessories

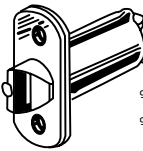
Latches



Square corner  
9/16" projection



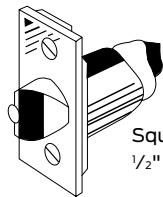
Square corner  
3/4" projection



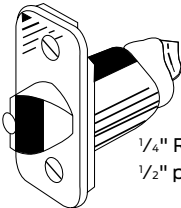
9/16" Radius corner  
9/16" projection



3 Hour



Square corner  
1/2" projection



1/4" Radius corner  
1/2" projection



3 Hour



Grade 1, UL listed

Catalog number	Description	Faceplate size	Corner	Projection
A98535-000	2 3/4" backset spring	2 1/4" x 1 1/8"	Square	9/16"
A98535-00D	2 3/4" backset deadlocking	2 1/4" x 1 1/8"	Square	9/16"
A98538-000	2 3/4" backset spring	2 1/4" x 1 1/8"	Radius 9/16"	9/16"
A98538-00D	2 3/4" Backset deadlocking	2 1/4" x 1 1/8"	Radius 9/16"	9/16"
A98835-OSD	2 3/4" Backset deadlocking	2 1/4" x 1 1/8"	Square	3/4"
A98838-OSD	2 3/4" Backset deadlocking	2 1/4" x 1 1/8"	Radius 9/16"	3/4"

Note: Specify finish 606, 612, 613, 630

Latches for X Series locks are UL listed. 2 3/4" backset standard.

1 1/8" width latch face minimum. Unless otherwise specified, we furnish a 2 1/4" x 1 1/8" x square corner faceplate on 2 3/4" backset latches front standard.

Grade 2, UL listed for flat or beveled doors

Catalog number	Description	Faceplate size	Corner	Projection
A92320-000	2 3/8" backset spring	2 1/4" x 1"	Square	1/2"
A92320-00D	2 3/8" backset deadlocking	2 1/4" x 1"	Square	1/2"
A92321-000	2 3/8" backset spring	2 1/4" x 1"	Radius	1/2"
A92321-00D	2 3/8" backset deadlocking	2 1/4" x 1"	Radius	1/2"
A92330-000	2 3/4" backset spring	2 1/4" x 1"	Square	1/2"
A92330-00D	2 3/4" backset deadlocking	2 1/4" x 1"	Square	1/2"
A92331-000	2 3/4" backset spring	2 1/4" x 1"	Radius	1/2"
A92331-00D	2 3/4" backset deadlocking	2 1/4" x 1"	Radius	1/2"

Note: Specify finish 606, 612, 613, 630

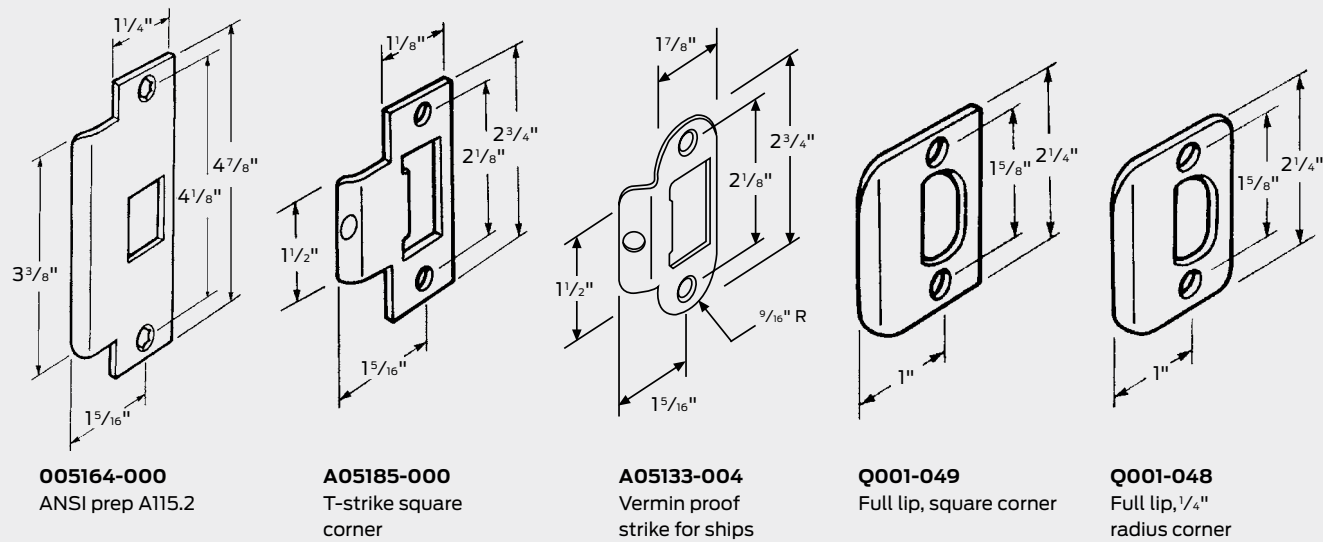
Latches for X Series locks are UL Listed.

These grade 2 latches have self-adjusting fronts to accommodate beveled or flat front doors. Unless otherwise specified, we furnish a 2 1/4" x 1" x square corner faceplate on these latches.

# Strikes, backsets and dustboxes

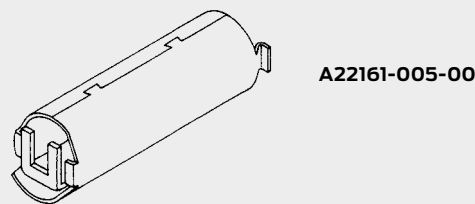
## Strikes

Furnished with a 4 7/8" ANSI strike unless otherwise specified.



## Long backset extension link

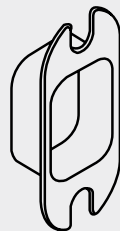
A22161-005-00 Link for 5" backset for use with 2 3/4" backset latches (except 3/4" projection).



## Dust boxes



**005099-000-30**  
1" deep. May be used with any 4 7/8" high (ANSI) strike.



**012191-003-70**  
1/2" deep. May be used with any 2 3/4" high (T) strike.

# Function and trim style cross-reference

## X Series Grade 1 cylindrical key-in-lever lock

ANSI no.	Function	Falcon	Arrow	Best	Corbin/ Russwin	Marks	Sargent	Yale
F75	Passage	X101	H01	83KN	CK4210	80N	8U15	5401
F76	Privacy	X301	H02	83KL	CK4220	80L	8U65	5402
F87	Asylum	X411	H33	83KW	CK4232	80DW	8G17	5430
F82	Entry	X501	H13	83KAB	CK4261	—	8G24	5407
F109	Entry/office	X511	H11	83KAB	CK4251	80AB	8G24	5407
F81	Office	X521	H11	83KAB	CK4251	80A	8G05	5407
F84	Classroom	X561	H17	83KR	CK 4255	80S	8G37	5408
F90	Dormitory	X571	H19	83KT	CK4275	80T	8G54	5422
F86	Storeroom	X581	H12	83KD	CK4257	80F	8G04	5405
	Single dummy	X12	H08	83K1DT	CK4250	80DO	8U93	455

## Trim styles

Falcon	Arrow	Best	Corbin/Russwin	Marks	Sargent	Yale
Hana/Gala (HG)	BD	4C	GRC	280	OB	CA
Troy/Gala (TG)	TA	—	—	180	EC	LF
Elite/Gala (EG)	DD	6C	BRC	—	EG	BR

All effort has been made to make this information comprehensive. Since no two products are exactly alike, this data represents those products which are similar. This information was obtained from trade services and is not guaranteed nor meant to represent any product as equal to any other product.

# How to order

For correct ordering, and to ensure no delays in shipment of your order, the following descriptive data must be listed in the sequence shown. Necessary information can be found in other parts of this catalog. The example below shows an order for 20 each X locksets in the 301 Privacy function, EG (Elite-Gala) trim design in a 626 (satin chrome) finish, with 2 3/4" backset latch, to accommodate doors 1 3/4" thick.

- **Quantity:** Indicate the quantity required.
  - **Catalog number:** Select function number, cylinder type, and latch style from tables in this section.
  - **Trim design:** Indicate letter of knob/rose design. EG = Elite/Gala; HY = Hana/York. Outside design always proceeds inside design on split designs.
  - **Finish:** When the finish is the same for the outside and inside trim, it is shown once (626). Outside finish always precedes inside finish on split finishes (605 x 625).
  - **Latches:** 2 3/4" backset is standard. 2 3/8" backset available. All latches are UL listed 3-hour A label.
  - **Strikes:** 4 7/8" x 1 1/4" ANSI standard. Optional T-strike or full lip strike available. See page 51.
  - **Cylinder type:** 6-pin standard. For 7 pin add PD7 to product catalog numbers (eg. X511PD7 HAN). 7 pin conventional cylinders are available in Hana knob style only.
- **Door hand:** Locks are field reversible. Please specify handing on all keyed locks so that cylinders can be assembled in the upright position.
  - **Keying detail:** We suggest using the standard terms developed by DHI (Door and Hardware Institute).
    - Example: AA1 - Grand Master keyed, Master keyed, change key 1.
  - **Interchangeable core:** To order product capable of accepting an interchangeable core, add suffices from the keying table to the function number, preceding the latch style.
    - Example: X511HD will be supplied with SFIC keyed construction core.
  - **Keyways:** “G” is standard on regular cylinders, “A” is standard on interchangeable cores. Other keyways available.
  - **Additional keys:** Note the total number of keys required.
  - **Large bow keys:** Add—“with large bow keys.”

How to order example

Line item	Qty.	Product	Outside		Inside		Hand	Latch	Strike	Door thickness	Ext.	DIM	Additional details/keying
			Des	Fin	Des	Fin							
1	20	X301S	EG	626			LHR	98535	5185	1 3/4"			With 012191-003-70 dust box

K Series

Grade 1 cylindrical lever locks

High traffic, high abuse door openings demand a Grade 1 quality lock to keep doors secure. When quality and reliability are needed but cost is a concern, the certified ANSI/BHMA Grade 1 Falcon K Series can do the job. The Falcon K Series gets back to basics by offering the most common functions, lever styles and finishes at an affordable price. The K Series features conventional cylinders and small format interchangeable cores that are compatible with SFIC products from other manufacturers. Our conventional cylinders are available in all Falcon conventional key sections, as well as Schlage C keyway, which is now masterkeyed across the complete Falcon product line.

Features

Lever security caps to help prevent undesired lever removal and lever sag after continual use

Four screws through-bolted for added strength, providing high security and peace of mind

UL listed latch standard

Non-handed levers for easy field installation

Clutching lever design allows the lever to move when locked without unlatching the door, preventing damage to the chassis

Conventional cylinders or interchangeable core keying compatible with SFIC products from Falcon or other manufacturers.

# K Series

## Features

**ANSI/BHMA:** Meets ANSI/BHMA A156.2, Series 4000, Grade 1.

**UL:** 3 hour A label.

**Door thickness:** Adjustable 1 <sup>3</sup>/<sub>8</sub>" to 2 <sup>1</sup>/<sub>4</sub>". Comes set for a 1 <sup>3</sup>/<sub>4</sub>" thick door standard.

**Backset:** 2 <sup>3</sup>/<sub>4</sub>" standard. 2 <sup>3</sup>/<sub>8</sub>" optional.

**Mechanism:** Parts constructed of brass or cold formed steel, zinc plated and dichromated for rust resistance. Springs are stainless steel.

**Attachment:** Lock chassis secured to door by threaded mounting screws. Completely preassembled outer trim and inner spindle assembly are through-bolted both through and over chassis using four (4) screws to provide strength and resistance to loosening. Adding rose and lever to inner spindle assembly completes installation.

**Handing:** Locks are non-handed.

**Cylinders:** Drilled with 6-pin chambers, pinned in 5. Pinning in 6 chambers available when specified, at no cost. Cylinder assemblies removable to rekey. Also available with 6 or 7-pin small format interchangeable core (SFIC) cylinders. Cylinder housings and plugs machined from solid brass. Springs are stainless steel. Two nickel silver keys furnished standard.

**Keyways:** "G" keyway standard on conventional cylinders. "A" keyway standard on I/C core cylinders. Also available with some optional keyways.

**Trim:** Roses are heavy wrought brass or bronze, installed over pressure cast rose inserts which are through-bolted through door. Levers are pressure cast (solid levers—no inserts) material finished to match mating parts.

**Latches:** 2 <sup>1</sup>/<sub>4</sub>" x 1 <sup>1</sup>/<sub>8</sub>" square corner with 2 <sup>3</sup>/<sub>4</sub>" backset comes standard; 2 <sup>3</sup>/<sub>8</sub>" backset option available if specified. Radius corners for both 2 <sup>3</sup>/<sub>8</sub>" and 2 <sup>3</sup>/<sub>4</sub>" backsets available if specified. All latches are UL listed and conform to both beveled and non-beveled doors.

**Strikes:** 4 <sup>7</sup>/<sub>8</sub>" x 1 <sup>1</sup>/<sub>4</sub>" ANSI strike with curved lip to meet ANSI A115.2 door frame preparation standard.

**Screws:** Furnished with combination screws for use in wood or metal doors and frames.

## Specifications

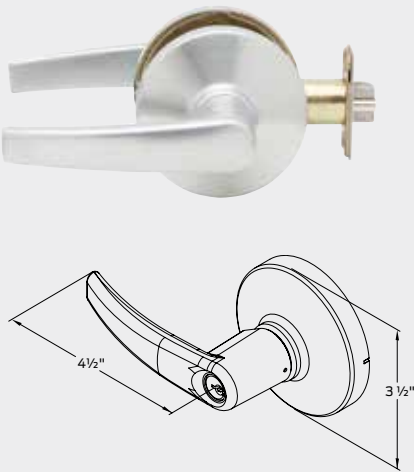
Key-in-lever cylindrical locksets shall be Falcon lock K Series or equal and meet the following requirements:

- All locks shall meet the new ANSI/BHMA A156.2, Series 4000, Grade 1 for key-in-lever locksets.
- Locksets shall be UL Listed (3 hour A Label).
- Locksets shall be provided standard with a clutching lever design. When outside lever is locked, it is not rigid but will move freely without operating the latch bolt.
- Lever trim shall have individual torsion springs behind rose for lever return and to prevent lever sag. Trim shall be through bolted with four (4) screws to provide strength and resistance to loosening. Inner and outer trim shall "bottom out" to prevent door collapse. Roses shall be minimum of 3 <sup>1</sup>/<sub>2</sub>" diameter.
- All lever designs shall be solid and meet the federal ADA and state disability requirements. Inside levers shall be attached by allen-head set and lever catch to prevent tampering or vandalism.
- Locksets shall adjust to fit door thickness from 1 <sup>3</sup>/<sub>8</sub>" to 2 <sup>1</sup>/<sub>4</sub>".
- All locksets shall be non-handed and not require field disassembly for re-handing.
- Preparation for door must be non-handed.
- Cylinders to be secured by a dual retainer.

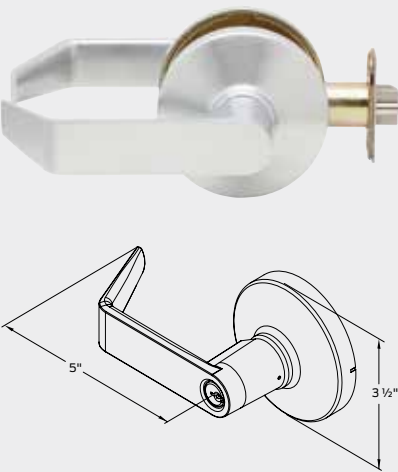
Acceptable manufacturer: Falcon Lock

# Lever styles

Avalon



Dane



Quantum




Trim finishes chart



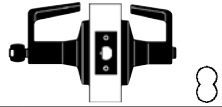
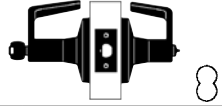

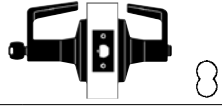
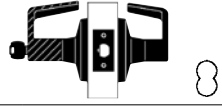

Description	ANSI No.	Available on
Oil rubbed bronze	613	All trim
Satin chrome	626	All trim



## Functions

The Falcon K Series offers the industry's most common cylindrical lock functions to cover all of your basic door requirements. Consult page 61 for ordering information and assistance.

 Indicates interchangeable core available.

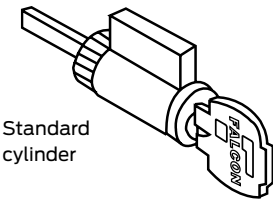
Catalog number	Function	Name	Description	ANSI no.
K101		Passage/closet latchset	Latch bolt by levers at all times.	F75
K301		Privacy lock	Latch bolt by levers. Outside lever locked by push button in inside lever. Rotating inside lever or closing door releases push button. Emergency release in outside lever unlocks door.	F76
K501		Entry lock	Push button locking. Button on inside locks outside lever until unlocked by key or by rotating inside lever. Inside lever always free. Deadlocking latch bolt.	F82
K511		Entry/office lock	Turn/push button locking. Pushing and turning button locks outside lever requiring use of key until button is manually unlocked. Push button locking. Pushing button locks outside lever until unlocked by key or by rotating inside lever. Inside lever always free. Deadlocking latch bolt.	F109
K561		Classroom lock	Deadlocking latch bolt by levers. Outside lever is locked by key in outside lever. Inside lever is always free.	F84
K571		Corridor lock	Deadlocking latch bolt by levers except when locked by push button in inside lever. Key in outside lever locks or unlocks outside lever and releases button. Closing door releases push button. Inside lever always free.	F90
K581		Storeroom lock	Deadlocking latch bolt by lever inside or key outside. Outside lever is inoperable. Inside lever always free.	F86
K12		Dummy trim	Single trim-surface mounted rigid lever.	

# Cylinders and competitor keyways

## Standard cylinders - 6-pin

Catalog number	Description
Q330-396	Falcon cylinder, G keyway, 6 pin
Q330-397	Falcon cylinder, G keyway, 6 pin to 5 pin
Q630-310	Falcon cylinder, G keyway, 6 pin, K571
Q630-311	Falcon cylinder, G keyway, 6 pin to 5 pin, K571
Q330-391	Schlage cylinder, C keyway, 6 pin
Q630-306	Schlage cylinder, C keyway, 6 pin, K571

Note: Specify finish: 606 or 626

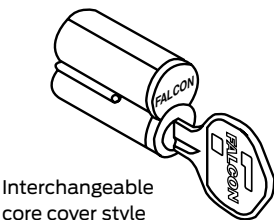


Standard cylinder

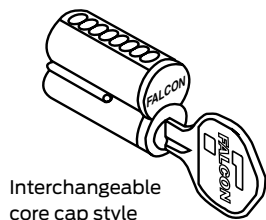
## Small format interchangeable core

Catalog number	Description
C606 (6-pin), C607 (7-pin)	For use in all I/C keyed locks (cover style)
CB806 (6-pin), CB807 (7-pin)	For use in all I/C keyed locks (cap style)

Note: Specify finish: 606 or 626  
Specify keyway: A (standard) or other keyway



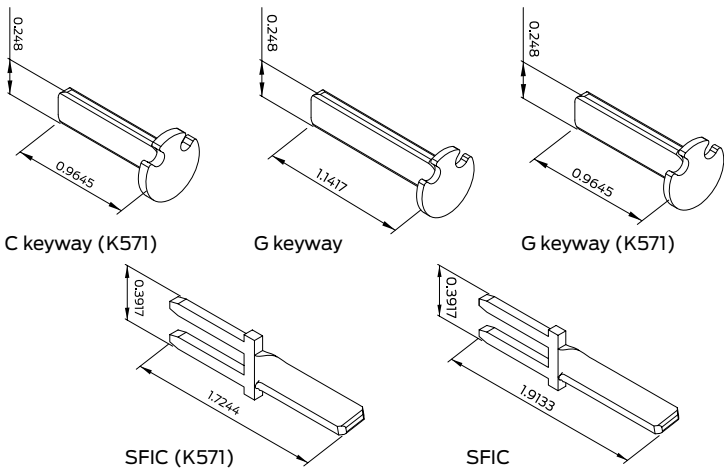
Interchangeable core cover style



Interchangeable core cap style

## Tailpieces

Catalog number	Description
Q630-289	SFIC tailpiece (K501, K511, K561, & K581)
Q330-392	SFIC tailpiece (K571)
Q330-393	Tailpiece, Falcon G-K501, K511, K561, K581
Q330-394	Tailpiece, Falcon G-K571
Q630-312	Tailpiece, Schlage C-K501, K511, K561, K581
Q630-288	Tailpiece, Schlage C-K571



## Standard cylinders with competitor keyways - 6-pin

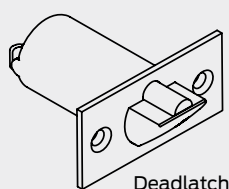
Catalog number	Description
Q330-152	Schlage C
Q330-166	Corbin 60 (0 bit or KD only)
Q330-210	Russwin D1 (0 bit or KD only)
Q330-158	Cor/Russ L4 (0 bit or KD only)
Q330-160	Sargent LA (0 bit or KD only)
Q330-156	Yale 8 (0 bit or KD only)

Note: Construction keying available. Reference page 101 for more information.

## Options and accessories

## Latches, strikes and other accessories

## Latches

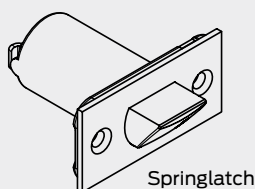


Deadlatch

## Deadlatches

Catalog number	Description	Faceplate size	Corner	Projection
<b>Q630-385</b>	<b>2 3/4" Backset with deadlatching</b>	<b>2 1/4" X 1 1/8"</b>	<b>Square</b>	<b>1/2"</b>
Q630-387	2 3/4" Backset with deadlatching	2 1/4" X 1 1/8"	Radius	1/2"
Q630-386	2 3/8" Backset with deadlatching	2 1/4" X 1 1/8"	Square	1/2"
Q630-388	2 3/8" Backset with deadlatching	2 1/4" X 1 1/8"	Radius	1/2"
Q630-302	2 3/4" Backset with deadlatch, non-restoring	2 1/4" X 1 1/8"	Square	1/2"
Q630-274	2 3/4" Backset with deadlatch, non-restoring	2 1/4" X 1 1/8"	Radius	1/2"
Q630-301	2 3/8" Backset with deadlatch, non-restoring	2 1/4" X 1 1/8"	Square	1/2"
Q630-275	2 3/8" Backset with deadlatch, non-restoring	2 1/4" X 1 1/8"	Radius	1/2"

## Springlatches

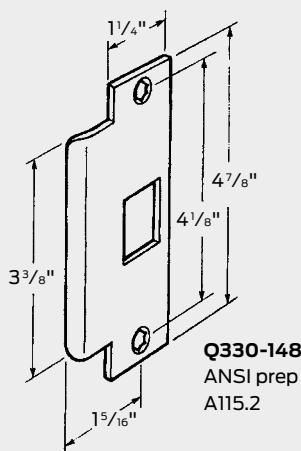


Springlatch

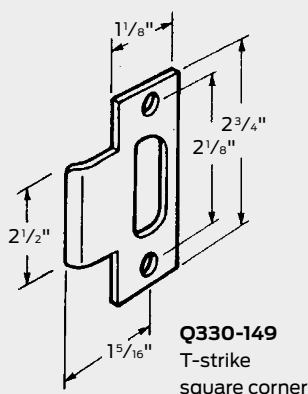
Catalog number	Description	Faceplate size	Corner	Projection
<b>Q630-270</b>	<b>2 3/4" Backset with springlatch</b>	<b>2 1/4" X 1 1/8"</b>	<b>Square</b>	<b>1/2"</b>
Q630-272	2 3/4" Backset with springlatch	2 1/4" X 1 1/8"	Radius	1/2"
Q630-271	2 3/8" Backset with springlatch	2 1/4" X 1 1/8"	Square	1/2"
Q630-273	2 3/8" Backset with springlatch	2 1/4" X 1 1/8"	Radius	1/2"
Q630-266	2 3/4" Backset with springlatch, non-restoring	2 1/4" X 1 1/8"	Square	1/2"
Q630-268	2 3/4" Backset with springlatch, non-restoring	2 1/4" X 1 1/8"	Radius	1/2"
Q630-267	2 3/8" Backset with springlatch, non-restoring	2 1/4" X 1 1/8"	Square	1/2"
Q630-269	2 3/8" Backset with springlatch, non-restoring	2 1/4" X 1 1/8"	Radius	1/2"

Note: All latches are UL listed and conform to both beveled and non-beveled doors. Bolded deadlatches come standard with all keyed functions and bolded springlatches comes standard with all non-keyed functions.

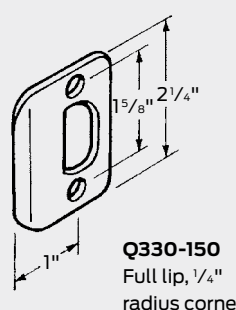
## Strikes



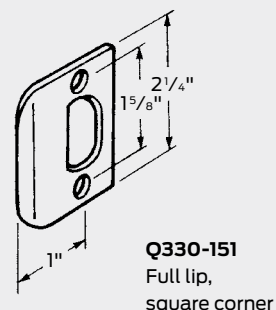
**Q330-148**  
ANSI prep  
A115.2



**Q330-149**  
T-strike  
square corner



**Q330-150**  
Full lip, 1/4"  
radius corner



**Q330-151**  
Full lip,  
square corner

## Other accessories

## Faceplates

Catalog number	Description
Q630-279	Faceplate, dead latch, round corner
Q630-278	Faceplate, dead latch, square corner
Q630-277	Faceplate, spring latch, round corner
Q630-276	Faceplate, spring latch, square corner

## Screw packs

Catalog number	Description
Q630-254	Screw pack, standard
Q330-399	Screw pack, dummy

# Function and trim style cross-reference

ANSI	Function	Falcon	Hager	Stanley Commercial	Yale	PDQ	Cal Royal	Arrow
		K Series	3400 Series	QCL 100 Series	4700LN Series	GT Series	Calypso Series	QL Series
F75	Passage lock	K101	3410	QCL130	4701LN	GT126	CAL30	QL01
F76	Privacy lock	K301	3440	QCL140	4702LN	GT176	CAL20	QL02/72
F82	Entry lock	K501	3450	-	4704LN	GT182	-	-
F109	Entry/office lock	K511	3453	QCL150	4707LN	GT116	CAL00	QL11/81
F84	Classroom lock	K561	3470	QCL160	4708LN	GT148	CAL03	QL17/87
F90	Corridor lock	K571	3473	QCL154	4722LN	GT165	CAL101	QL19/89
F86	Storeroom lock	K581	3480	QCL170	4705LN	GT115	CAL05	QL12/82
	Single dummy trim	K12	3417	QCL120	4755LN	GT211	CAL40	QL08

# How to order

Two simple ways to place your Falcon K Series order!

## ProExpress™

**E-Mail:** Order.Pro.Express@allegion.com  
**Fax:** 1.800.924.3551

## Standard Falcon order

**E-Mail:** Order\_Entry\_Schlage\_Commercial@allegion.com  
**Fax:** 1.800.452.0665

### Order example

Line item	Qty	Product	Design	Finish	Latch	Strike	Door thickness
1	10	K511PD	DAN	626			

Note: Only specify latch, strike and door thickness if item is not standard

## Warranty

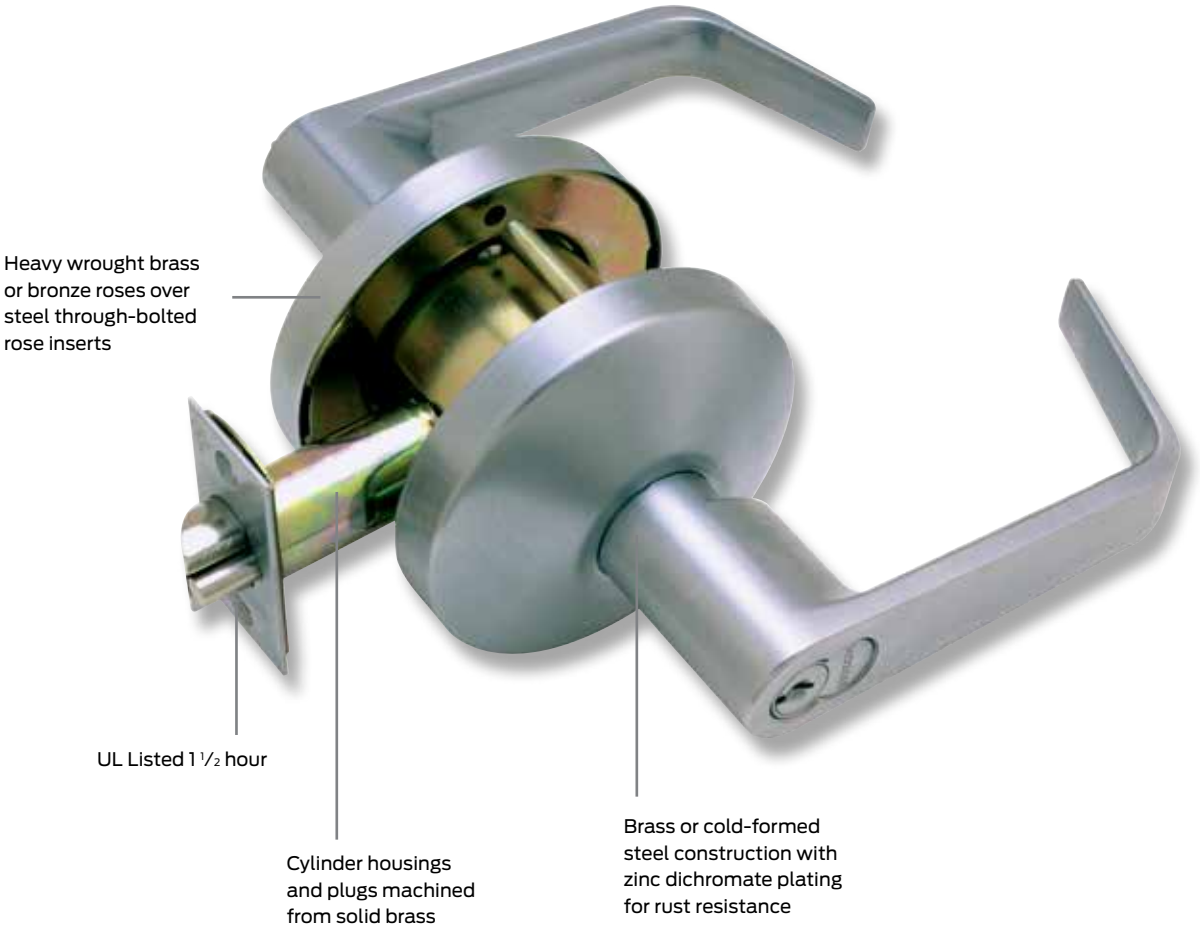
The Falcon K Series lock has a limited 10 year warranty.  
Please reference **www.us.allegion.com** for Falcon product warranty details.

B Series

Grade 2, medium-duty cylindrical lever locks

When you need a tough, reliable lock for a government/military, retail, industrial or multi-family project, you need a Falcon B Series lock. Our full line of Grade 2 locksets are a perfect replacement for existing locks, or a smart specification in new construction. With upgraded finishes, these locks deliver style as well as strength. Falcon B Series locks feature an interchangeable core that can be removed for quick, easy re-keying, and are compatible with SFIC products from other manufacturers. Most importantly, they're backed by one of the best names in the business.

Features



# B Series

## Features

**Door thickness:** 1 3⁄8" to 2" standard.

**Backset:** 2 3⁄4" standard. 2 3⁄8" also available.

**Mechanism:** Parts constructed of brass or cold formed steel, zinc plated and dichromated for rust resistance. Springs are stainless steel.

**Attachment:** Lock chassis secured to door by two screws which pass through a steel rose insert inside and thread directly into the outer rose mounting assembly.

**Handing:** Locks are non-handed.

**Cylinders:** Drilled with 6-pin chambers, pinned in 5. Pinning in 6 chambers available when specified, at no cost. Cylinder assemblies removable to rekey. Also available with 6 or 7-pin interchangeable core cylinders. Cylinder housings and plugs machined from solid brass. Springs are phosphor bronze. Two nickel silver keys furnished standard.

**Competitor cylinders:** The B Series accepts these standard 6-pin cylinders: Assa, Kaba, Lori, Medeco, Primus and Schlage.

**Keyways:** "G" keyway standard on standard cylinders. "A" keyway standard on I/C core cylinders. Also available with some optional keyways. See page 66.

**Trim:** Roses are 3 1⁄2" diameter, heavy wrought brass or bronze, installed over steel rose inserts which are through-bolted through door. Levers are pressure cast zinc (solid levers no inserts) material finished to match mating parts.

**Latches:** 1⁄2" bolt projection. UL (3-hour, A Label) listed. Latches have self-adjusting fronts to accommodate beveled or flat doors. 2 3⁄8" backset with 2 1⁄4" x 1" latchfaces, 2 3⁄4" backset with 2 1⁄4" x 1 1⁄8" latchfaces. Deadlocking latches have a solid round bar stock DL bar preventing latch jamming and/or lock outs.

**Strikes:** 4 7⁄8" x 1 1⁄4" ANSI strike with curved lip to meet ANSI A115.2 door frame preparation standard. Consult Options and Accessories section for other available strike size and configurations.

**Screws:** Furnished with combination screws for use in wood or metal doors and frames.

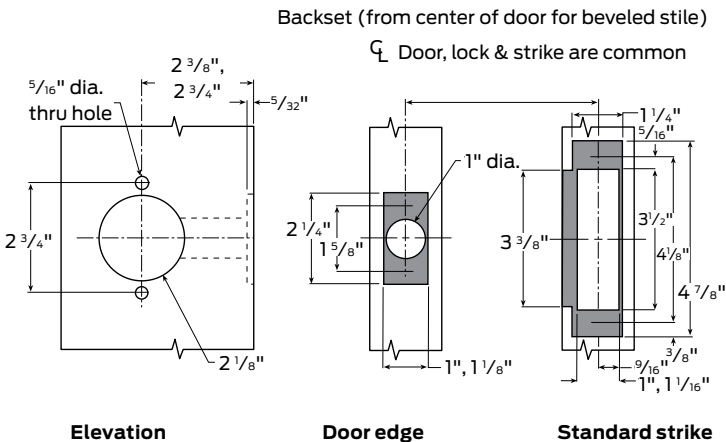
**ANSI/BHMA:** Exceeds ANSI/BHMA A156.2, Series 4000, Grade 2.

**UL:** 3 hour, A label.

## Specifications

**Key-in-lever cylindrical locksets shall be Falcon B Series or equal and meet the following requirements:**

- All locks shall meet the new ANSI/BHMA A156.2, Series 4000, Grade 2 test requirements for key-in-lever locksets.
- Locksets shall be UL Listed 3-hour, A Label.
- Lever trim shall have individual heavy-duty springs for lever return and to prevent lever sag. Trim shall be through-bolted with screws coated with thread sealant to provide strength and resistance to loosening.
- Roses shall be 3 1⁄2" diameter.
- All lever designs shall be solid (no inserts) and meet the federal ADA and state disability requirements.
- Locksets shall adjust to fit door thickness from 1 3⁄8" to 2".
- All locksets shall be non-handed and not require field disassembly for re-handing.
- Preparation for door must be non-handed. Acceptable manufacturer: Falcon lock

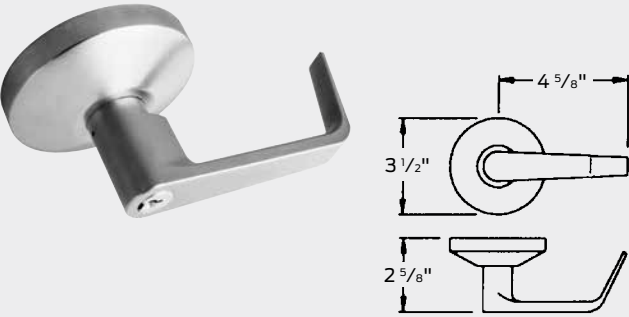


Designs and styles

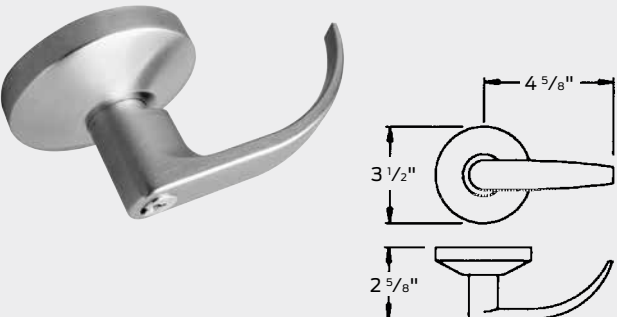
# Lever styles

Levers are solid pressure cast zinc, finished to match mating parts. Roses are wrought brass or bronze installed over steel through-bolted rose inserts. Levers are secured by a spring-loaded retainer. Retainer in keyed lever cannot be depressed without key.

Dane (D)



Quantum (Q)



Abrasive strip levers

All levers are available with an abrasive strip along the inside length of the lever to identify entrances that may be hazardous to the handicapped. To order, change trim designation to: 6DA (Dane) or 6QU (Quantum) in trim section of order. Not vailable on 613 finish as abrasive strip will not hold.


Trim finishes chart











Description	ANSI No.	Available on
Bright brass	605	All trim
Satin brass	606	All trim
Satin bronze	612	All trim
Oil rubbed bronze	613	All trim
Bright chrome	625	All trim
Satin chrome	626	All trim



## Functions

To order Falcon B Series locksets, please consult page 70 for ordering information and assistance.

 Indicates interchangeable core available.

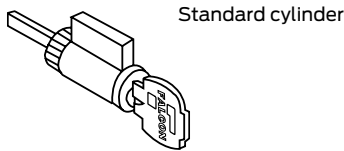
Catalog number	Function	Name	Description	ANSI no.
B101		Passage/closet set	Latch bolt by levers at all times.	F75
B161		Communicating/exit latch	Deadlocking latch bolt by inside lever. Non-removable blank plate outside.	
B301		Privacy lock	Latch bolt by levers. Outside lever locked by push button in inside lever. Rotating inside lever or closing door releases push button. Emergency release in outside lever unlocks door.	F76
B341		Connecting room/exit lock	Connecting room/exit lock—Deadlocking latch bolt by inside lever except when locked by key. Non-removable blank plate outside ( $22/32$ " projection).	
B501		Entry lock	Push button locking. Button on inside locks outside lever until unlocked by key or by rotating inside lever. Inside lever always free. Deadlocking latch bolt.	F82
B511		Entry/office lock	Turn/push button locking. Pushing and turning button locks outside lever requiring use of key until button is manually unlocked. Push button locking. Pushing button locks outside lever until unlocked by key or by rotating inside lever. Inside lever always free. Deadlocking latch bolt.	F109
B561		Classroom lock	Deadlocking latch bolt by levers. Outside lever is locked by key in outside lever. Inside lever is always free.	F84
B581		Storeroom lock	Deadlocking latch bolt by lever inside or key outside. Outside lever is rigid. Inside lever is always free.	F86
B611		Dormitory/corridor lock	Deadlocking latch bolt by levers except when locked by push button on inside lever. Key in outside lever locks or unlocks outside lever and releases button. Closing door releases push button. Inside lever is always free.	
B12		Single dummy	Single trim. Surface mounted rigid lever.	

# Cylinders and competitor keyways

## Falcon standard cylinders

Catalog number	Description	
A23155-02	5-pin	For use in all B Series except B611*
A23155-06	5-pin	For use in all B Series except B611*
A23165-02	6-pin	For use in all B Series except B611*
A23165-06	6-pin	For use in all B Series except B611*

Note: Specify finish: 606 or 626.  
Specify keyway: "E", "G" (standard), "H", "K", "L", "N", "P".  
\*B611 use same part number except -011, -11D and -11A



Standard cylinder

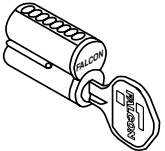
## Falcon interchangeable cores

Catalog number	Description	
C606	For use in all B Series I/C keyed locks (cover style)	
C607	For use in all B Series I/C keyed locks (cover style)	
CB806	For use in all B Series I/C keyed locks (cap style)	
CB807	For use in all B Series I/C keyed locks (cap style)	

Note: Specify finish: 606 or 626.  
Specify keyway: "A" (standard) or other keyway.



Interchangeable core cover style



Interchangeable core cap style

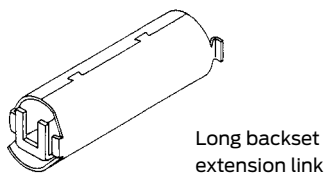
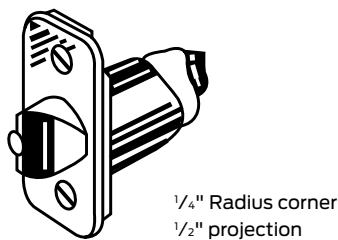
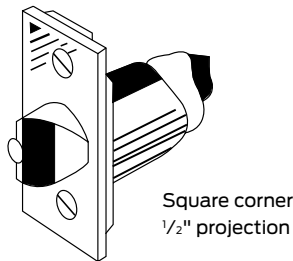
## Standard cylinders with competitor keyways-6-pin

Catalog number	Description
A23167-013	Corbin 60 'O' bitted
A23167-13D	Corbin 60 'KD' keyed different
A23168-013	Russwin D1 'O' bitted
A23168-13D	Russwin D1 'KD' keyed different
A23174-013	Corbin Russwin L4 'O' bitted
A23174-13A	Corbin Russwin L4 'KA' keyed alike 4
A23166-013	Sargent LA 'O' bitted
A23166-13D	Sargent LA 'KD' keyed different
A23160-013	Schlage C 'O' bitted
A23160-13A	Schlage C 'KA' keyed alike 4
A23160-13D	Schlage C 'KD' keyed different
A23159-013	Schlage E 'O' bitted
A23169-013	Yale 8 (PARA) 'O' bitted
A23169-13D	Yale 8 (PARA) 'KD' keyed different

Note: Specify finish 606 or 626  
For B611 use same part number except -011, -11A, -11D

Note: Construction keying available. Reference page 101 for more information.

# Latches



1 1/2 Hour

## 1/2" projection, UL listed

Catalog number	Description (functions)	Faceplate size	Corner
A57420-000	2 3/8" Backset spring (101)	2 1/4" x 1"	Square
A57420-00D	2 3/8" Backset deadlocking	2 1/4" x 1"	Square
A57421-000	2 3/8" Backset spring (101)	2 1/4" x 1"	Radius
A57421-00D	2 3/8" Backset deadlocking	2 1/4" x 1"	Radius
A57425-000	2 3/8" Backset spring (101)	2 1/4" x 1 1/8"	Square
A57425-00D	2 3/8" Backset deadlocking	2 1/4" x 1 1/8"	Square
A57620-000	2 3/8" Backset spring (301)	2 1/4" x 1"	Square
A57620-00D	2 3/8" Backset deadlocking (611)	2 1/4" x 1"	Square
A57621-000	2 3/8" Backset spring (301)	2 1/4" x 1"	Radius
A57621-00D	2 3/8" Backset deadlocking (611)	2 1/4" x 1"	Radius
A57625-000	2 3/8" Backset spring (301)	2 1/4" x 1 1/8"	Square
A57625-00D	2 3/8" Backset deadlocking (611)	2 1/4" x 1 1/8"	Square
A57430-000	2 3/4" Backset spring (101)	2 1/4" x 1"	Square
A57430-00D	2 3/4" Backset deadlocking	2 1/4" x 1"	Square
A57431-000	2 3/4" Backset spring (101)	2 1/4" x 1"	Radius
A57431-00D	2 3/4" Backset deadlocking	2 1/4" x 1"	Radius
A57435-000	2 3/4" Backset spring (101)	2 1/4" x 1 1/8"	Square
A57435-00D	2 3/4" Backset deadlocking	2 1/4" x 1 1/8"	Square
A57630-000	2 3/4" Backset spring (301)	2 1/4" x 1"	Square
A57630-00D	2 3/4" Backset deadlocking (611)	2 1/4" x 1"	Square
A57631-000	2 3/4" Backset spring (301)	2 1/4" x 1"	Radius
A57631-00D	2 3/4" Backset deadlocking (611)	2 1/4" x 1"	Radius
A57635-000	2 3/4" Backset spring (301)	2 1/4" x 1 1/8"	Square
A57635-00D	2 3/4" Backset deadlocking (611)	2 1/4" x 1 1/8"	Square

Note: Specify finish: 605, 612, 613 or 630.

Latches for B Series locks are UL listed.

2 3/4" backset standard. 2 3/8" optional.

Unless otherwise specified, we furnish a 2 1/4" x 1" x square corner faceplate on 2 3/8" backset latches and 2 1/4" x 1 1/8" x square corner on 2 3/4" backset latches.

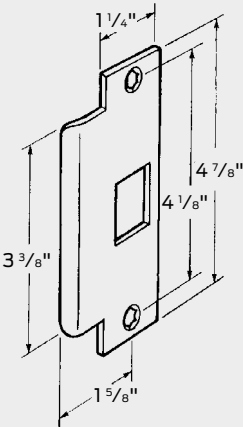
A31727-005-00 link for 5" backset. For use with 2 3/8" backset latches.

Options and accessories

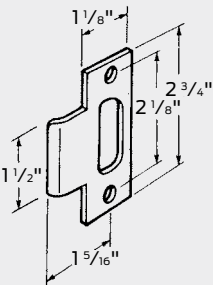
Strikes and dustboxes

Strikes

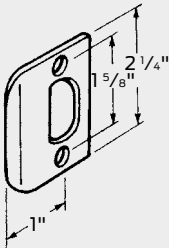
Normally furnished with a 4 7/8" ANSI strike unless specified otherwise.



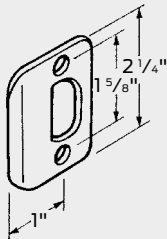
005164-000  
ANSI Prep A115.2



Q001-046  
T-strike square corner



Q001-049  
Full lip, square corner



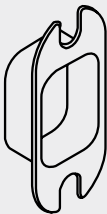
Q001-048  
Full lip, 1/4" radius corner

\*Specify finish: 605, 606, 612, 613, or 626.

Dust boxes



K510-066-PLA (EC 3604)  
1" deep. May be used with any 4 7/8" high (ANSI) strike.



012191-003-70  
1/2" deep. May be used with any 2 3/4" high (T) strike.

# Function and trim style cross-reference

B Series grade 2 cylindrical key-in-lever

ANSI number/grade	Function	Falcon	Arrow	Stanley	Corbin/Russwin	Hager	Sargent	Yale
F75	Passage	B101	MLX01	QCL230	CL3810	3510	715	5301LN
F76	Privacy	B301	MLX02	QCL240	CL3820	3540	765	5302LN
F82	Entry	B501	MLX11	—	CL3861	3553	—	5304LN
F109	Entry/office	B511	—	QCL250/251	CL3851	3550	—	5307LN
F84	Classroom	B561	MLX17	QCL160/161	CL3855	3570	737	5308LN
F86	Storeroom	B581	MLX12	QCL270/271	CL3857	3580	704	5305LN
F90	Dormitory/corridor	B611	MLX19	QCL254/255	CL3875	—	—	5322LN
	Single dummy	B12	MLX08	QCL220	CL3850	3517	793	5355LN

Trim styles

Falcon	Arrow	Stanley	Corbin/Russwin	Sargent	Yale	Hager
Dane	Sierra	Sierra	NZD	KL	Augusta	Dane-Withnell
Quantum	Broadway	Summit	PZD	KP	Pacific Beach	Quantum-Archer

All effort has been made to make this information comprehensive. Since no two products are exactly alike, this data represents those products which are similar. This information was obtained from trade services and is not guaranteed nor meant to represent any product as equal to any other product.

# How to order

For correct ordering, and to ensure no delays in shipment of your order, the following descriptive data must be listed in the sequence shown. Necessary information can be found in other parts of this catalog. The example below shows an order for 12 each B locksets in the 301 Privacy function, D (Dane) trim design in 626 (satin chrome) finish, with 2 3/4" backset latch, to accommodate doors 1 3/4" thick.

- **Quantity:** Indicate the quantity required.
- **Catalog number:** Select catalog number.
- **Trim design:** Indicate letter of lever design.
  - Example: D=Dane; Q=Quantum.
- **Finish:** When the finish is the same for the outside and inside trim, it is shown once (626). For split finishes, the outside is designated first, then the inside (605 x 625).
- **Latches:** 2 3/4" backset standard. 2 3/8" backset available. All latches are UL Listed 1 1/2 hour B Label.
- **Strikes:** 4 7/8" X 1 1/4" ANSI standard. Optional T-strike or full lip strike available. See page 68.
- **Cylinder type:** For 6-pin, add 6-pin.
- **Keying detail:** We suggest using the standard terms developed by A.H.C. (Architectural Hardware Consultants).
  - Example: AA1 - Grand master keyed, master keyed, change key 1.
- **Interchangeable core:** To order product capable of accepting an interchangeable core, add "FIC" (for interchangeable core). To order product with an interchangeable core, add "WIC" (with interchangeable core).
- **Keyways:** "G" is standard on regular cylinders, "A" is standard on interchangeable cores. Other keyways available. See page 66.
- **Additional keys:** Note the total number of keys required. Large bow keys: Add—"with large bow keys."

## How to order example

Qty.	Catalog number	Trim design	Finish	Latch	Strike	Cylinder	Detail
12	B301S	Dan	626	Std	Std	-	2 3/4" backset - 1 3/4" door

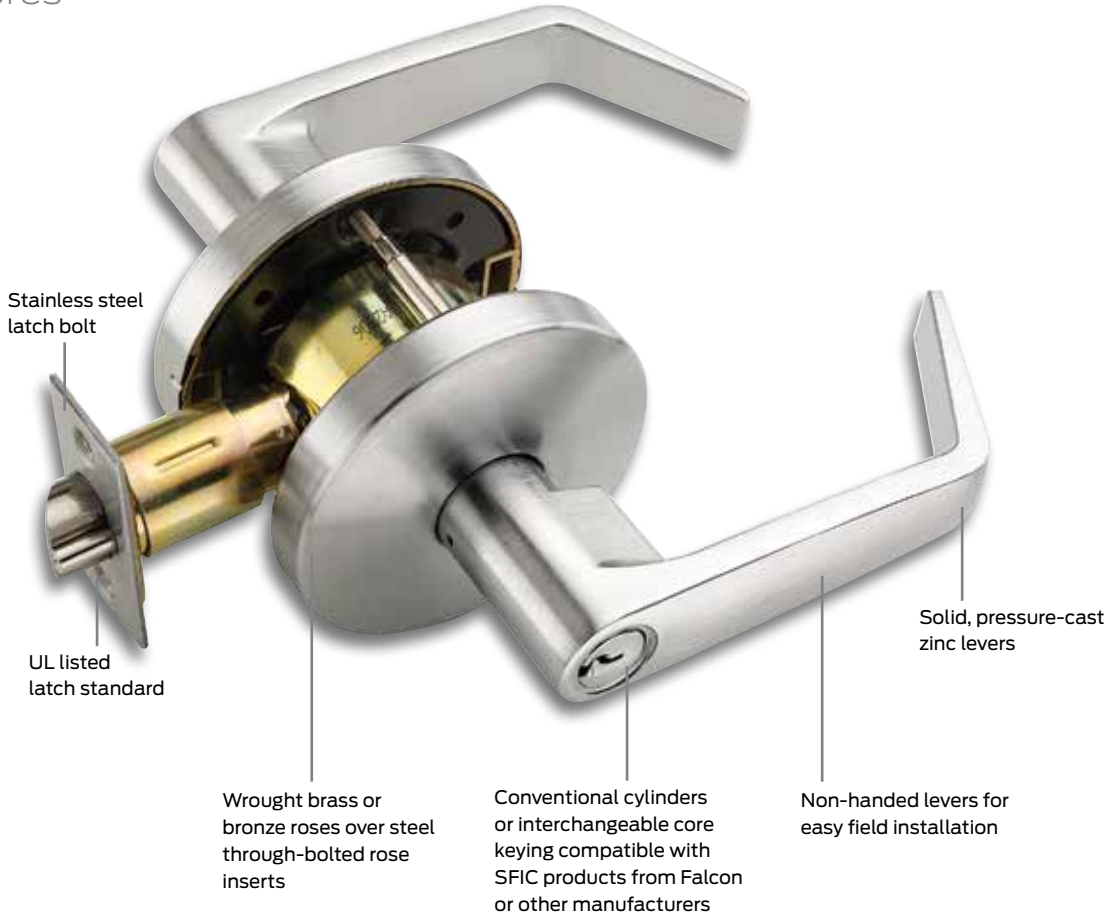
Lock type comparison chart	Glossary and finish chart	MA Series	RU Series	T Series	X Series	K Series	B Series	W Series	H2 Series	D Series	K900 Series	Construction keying and product ID chart
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W Series

Grade 2, medium-duty cylindrical lever and knob locks

Whether your application is government/military, retail, industrial or multi-family, there's a W Series lock that fits perfectly. With two popular lever and knob styles as well as two popular rose diameters (large and small), Falcon W Series can match most commercial door trim. The Falcon W Series locks feature conventional cylinders and small format interchangeable cores that are compatible with SFIC products from other manufacturers. Our conventional cylinders are available in all Falcon conventional key sections as well as Schlage C keyway, which we now masterkey across the complete Falcon product line. The Falcon W Series offers quality product at a value price, and is backed by one of the best names in the business - Allegion.

Features





# W Series

## Features - standard rose

- Door thickness:** 1<sup>3</sup>/<sub>8</sub>" to 1<sup>3</sup>/<sub>4</sub>" standard.
- Backset:** 2<sup>3</sup>/<sub>4</sub>" standard; 2<sup>3</sup>/<sub>8</sub>" also available.
- Mechanism:** Parts constructed of brass or cold-formed steel, zinc plated and dichromated for rust resistance. Springs are stainless steel.
- Attachment:** Lock chassis secured to door by two screws which pass through a steel rose insert inside and thread directly into the outer rose-mounting assembly, and two screws that screw into the chassis assembly.
- Handing:** Locks are non-handed.
- Cylinder:** Pinning in six chambers. Cylinder assemblies removable to re-key. Also available with 6- or 7-pin interchangeable core cylinders. Cylinder housings and plugs machined from solid brass. Springs are stainless steel. Two nickel silver keys furnished standard.
- Competitor cylinder:** The W Series accepts standard 6-pin cylinders available from Falcon, as well as Schlage. There are other options available for competitor cylinders including, Corbin-Russwin, Yale and Sargent.
- Keyways:** "G" keyway standard on Falcon standard cylinders. "A" keyway standard on I/C core cylinders. Also available with some optional keyways. Schlage "C" keyway also available on standard cylinders, includes master key. Master keying available on all Falcon and Schlage "C" keyways.
- Trim:** Roses are heavy wrought brass or bronze, installed over steel rose inserts which are through-bolted through door. Levers are pressure-cast zinc (solid levers-no-inserts) finished to match mating parts.
- Latches:** 1/2" bolt projection made of stainless steel and UL listed for 3-hour door assemblies. Latches have self-adjusting fronts to accommodate beveled or flat doors. 2<sup>3</sup>/<sub>8</sub>" backset with 1" x 2 1/4" latch faces or 2<sup>3</sup>/<sub>4</sub>" backset with 1 1/8" x 2 1/4" latch faces.
- Strikes:** 4 7/8" x 1 1/4" ANSI strike with curved lip to meet ANSI A115.2 door frame preparation standard. Consult Options and Accessories section for other available strikes, sizes and configurations.
- Screws:** Furnished with combination screws for use in wood or metal doors and frames.
- ANSI/BHMA:** Meets ANSI/BHMA A156.2, Series 4000, Grade 2.
- UL:** 3-hour A label.

## Features - small rose

- Door thickness:** 1<sup>3</sup>/<sub>8</sub>" to 1<sup>3</sup>/<sub>4</sub>" standard.
- Backset:** 2<sup>3</sup>/<sub>8</sub>", 2<sup>3</sup>/<sub>4</sub>" standard.
- Mechanism:** Parts constructed of brass or cold-formed steel, zinc plated and dichromated for rust resistance. Springs are stainless steel.
- Attachment:** Lock chassis secured to door by two screws which pass through a steel rose insert inside and thread directly into the outer rose-mounting assembly, and two screws that screw into the chassis assembly.
- Handing:** Locks are non-handed.
- Cylinder:** Pinning in six chambers. Cylinder assemblies removable to re-key. Also available with 6- or 7-pin interchangeable core cylinders. Cylinder housings and plugs machined from solid brass. Springs are stainless steel. Two nickel silver keys furnished standard.
- Competitor cylinder:** The W Series accepts standard 6-pin cylinders available from Falcon, as well as Schlage, Corbin-Russwin, Yale and Sargent.
- Keyways:** "G" keyway standard on Falcon standard cylinders. "A" keyway standard on I/C core cylinders. Also available with some optional keyways. Schlage "C" keyway also available on standard cylinders, includes master key. Master keying available on all Falcon and Schlage "C" keyways.
- Trim:** Roses are heavy wrought brass or bronze, installed over steel rose inserts which are through-bolted through door. Levers are pressure-cast zinc (solid levers-no-inserts) finished to match mating parts.
- Latches:** 1/2" bolt projection made of stainless steel and UL listed for 3-hour door assemblies. Latches have self-adjusting fronts to accommodate beveled or flat doors. 2<sup>3</sup>/<sub>4</sub>" backset with 1 1/8" x 2 1/4" latch faces.
- Strikes:** 4 7/8" x 1 1/4" ANSI strike with curved lip to meet ANSI A115.2 door frame preparation standard. Consult Options and Accessories section for other available strikes, sizes and configurations.
- Screws:** Furnished with combination screws for use in wood or metal doors and frames.
- ANSI/BHMA:** Meets ANSI/BHMA A156.2, Series 4000, Grade 2.
- UL:** 3-hour A label.

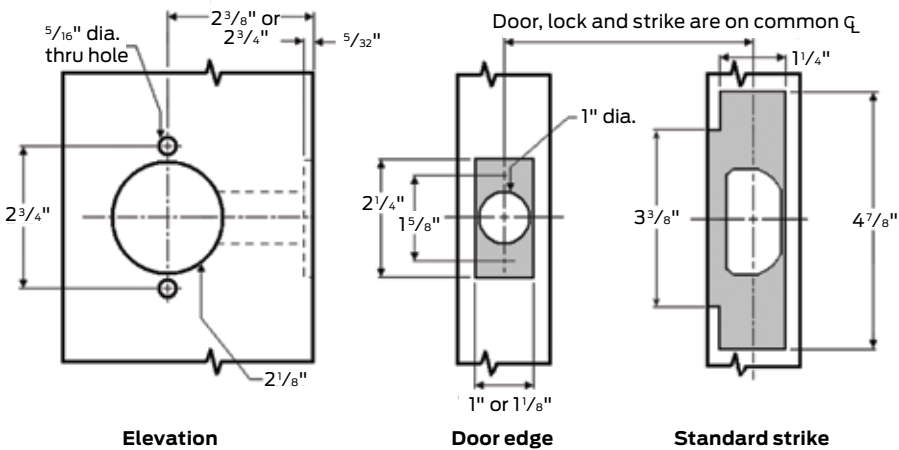
# W Series

## Specifications

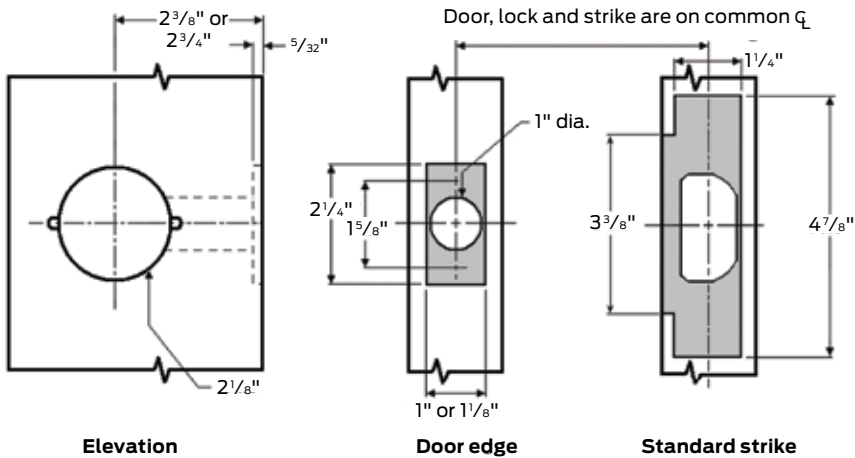
**Key-in-lever cylindrical locksets shall be Falcon W Series or equal and meet the following requirements:**

- All locks shall meet ANSI/BHMA A156.2, Series 4000, Grade 2 test requirements for key-in-lever locksets.
- Locksets shall be UL Listed 3-hour, A Label.
- Lever trim shall have individual heavy-duty springs for lever return and to prevent lever sag. Trim shall be through-bolted.
- All lever designs shall be solid (no inserts) and meet the federal ADA and state disability requirements.
- Locksets shall adjust to fit door thickness from 1 3⁄8" to 1 3⁄4".
- All locksets shall be non-handed and not require field disassembly for re-handing.
- Preparation for door must be non-handed. Acceptable manufacturer: Falcon lock

## Standard rose template



## Small rose template



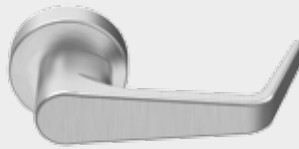
# Levers styles

Levers are solid pressure cast zinc, finished to match mating parts. Roses are wrought brass or bronze installed over steel through-bolted rose inserts. A spring-loaded retainer secures levers. Secure side retainer cannot be depressed without a key that operates the lock.

Avalon (A)



Dane (D)



Quantum (Q)



Boardwalk (BRK)



Broadway (BRW)



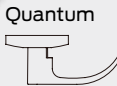
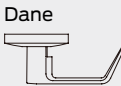
Latitude (LAT)



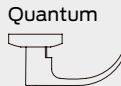
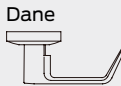
Longitude (LON)



Standard rose  
Dane lever  
shown



Small rose  
Dane lever  
shown



## Abrasive lever options

Dane, and Quantum levers are available with an abrasive strip along the length of the lever to identify entrances to areas hazardous to the disabled. To order add 6 (for example, 6DA for Dane lever or 6QU for Quantum lever) to the order number.

## Trim finishes chart

Description	ANSI No.	Availability
Bright brass	605	All trim
Satin brass	606	Not on small rose
Oil rubbed bronze	613	All trim
Satin nickel	619	All trim
Matte black	622	All trim
Bright chrome	625	All trim
Satin chrome	626	All trim
Aged bronze	643e	All trim

Designs and styles

# Knob styles

Knobs are constructed of brass or cold-formed steel and are zinc-plated and dichromated for rust resistance. Springs are stainless steel. Roses are heavy-wrought brass or bronze, installed over wrought steel reinforcing plates. Knobs are brass or bronze, secured by a steel knob retainer, which cannot be depressed when lock has been locked.

Cointurn  
Elite shown



Cylinder  
Elite shown



Interchangeable core  
Elite shown



Plain  
Hana shown



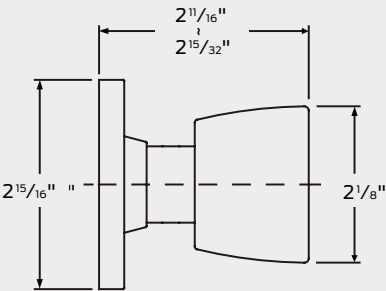
Pushbutton (interior)  
Hana shown



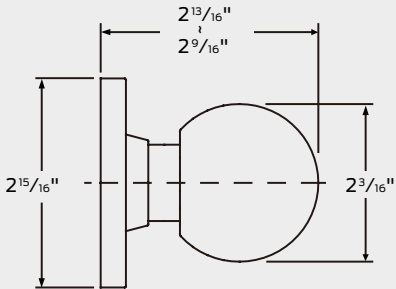
Thumbturn (interior)  
Hana shown



Elite










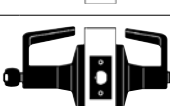
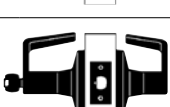
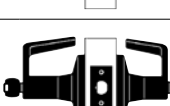
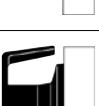
Hana



Trim finishes chart

Description	ANSI No.	Availability
Bright brass	605	All trim
Satin brass	606	Not on small rose
Oil rubbed bronze	613	All trim
Bright chrome	625	All trim
Satin chrome	626	All trim

# Lever functions

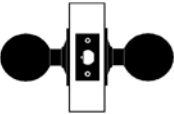
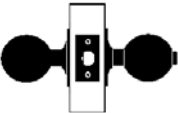
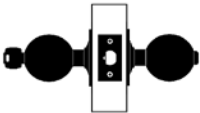

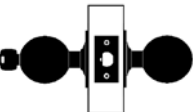
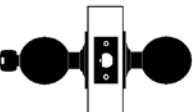


Catalog number	Function	Name	Description	ANSI no.
*W101		Passage/ closet set	Latch bolt by levers at all times.	F75
*W161		Communicating/ exit lock	Deadlocking latch bolt by inside lever. Non-removable blank plate outside. Inside lever is always free.	
W201		Patio lock	Deadlocking latch bolt by levers. Outside lever is locked by push button from inside. Rotating inside lever or closing door releases button and unlocks outside lever.	F77
*W301		Privacy lock	Latch bolt by levers. Outside lever is locked by push button on inside lever. Rotating inside lever or closing door releases push button and frees outside lever. Inside lever is always free. Emergency release in outside lever unlocks door.	F76
W501		Entry lock	Push button locking. Button on inside locks outside lever until unlocked by key or by rotating inside lever. Closing door release push button and unlocks door. Inside lever always free. Deadlock latchbolt.	F82
*W511		Entry/office lock	Deadlocking latch bolt by levers. Turn/push button locking. Pushing and turning button locks outside lever, requiring use of a key for unlocking the door until button is manually unlocked. Pushing button locks outside lever until unlocked by key or by rotating inside lever. Inside lever is always free.	F109
*W561		Classroom lock	Deadlocking latch bolt by levers. Outside lever is locked by key in outside lever. Inside lever is always free.	F84
*W571		Corridor lock	Deadlocking latch bolt. Push Button Locking. Button on the inside locks outside lever until unlocked by key or by rotating inside lever. Closing the door releases button. Inside lever always free. <sup>1</sup>	
*W581		Storeroom lock	Deadlocking latch bolt by lever inside or key outside. Outside lever is always locked. Inside lever is always free.	F86
W711		Apartment entrance lock	Deadlocking latch bolt by levers. Turn/push button locking. Pushing and turning button locks outside lever, requiring use of a key for unlocking the door until button is manually unlocked. Pushing button locks outside lever until unlocked by key, by rotating inside lever, or by closing the door. Inside lever is always free.	
*W12		Single dummy	Single trim, surface-mounted rigid lever.	
*W18		Double dummy	Double trim, surface-mounted rigid levers.	

\* Available as small rose

<sup>1</sup> This lock will unlock when the door is closed. If you want your door to remain locked when it closes, please purchase the 501 function.

Functions

# Knob functions

Catalog number		Description	Description	ANSI no.
W101		Passage/closet set	Latch bolt by knob at all times.	F75
W301		Privacy lock	Latch bolt by knobs. Outside knob is locked by push button on inside knob. Rotating inside knob or closing door releases push button and frees outside knob. Inside knob is always free. Emergency release in outside knob unlocks door.	F76
W501		Entry lock	Push button locking. Button on inside locks outside knob until unlocked by key or by rotating inside knob.	F82
W511		Entry/office lock	Deadlocking latch bolt by knobs. Turn/push button locking. Pushing and turning button locks outside knob, requiring use of a key for unlocking the door until the button is manually unlocked. Pushing button locks outside knob until unlocked by key or by rotating inside knob. Inside knob is always free.	F109
W561		Classroom lock	Deadlocking latch bolt by knobs. Outside knob is locked by key in outside knob. Inside knob is always free.	F84
W571		Corridor lock	Deadlocking latch bolt. Push button locking. Button on the inside locks outside lever until unlocked by key or by rotating inside lever. Closing the door releases button. Inside lever always free. <sup>1</sup>	
W581		Storeroom lock	Deadlocking latch bolt by knobs. Outside knob is always locked. Inside knob is always free.	F86
W711		Apartment entrance lock	Deadlocking latch bolt by knobs. Turn/push button locking. Pushing and turning button locks outside knob, requiring use of a key for unlocking the door until the button is manually unlocked. Pushing button locks outside knob until unlocked by key, by rotating inside knob, or by closing the door. Inside knob is always free.	
W12		Single dummy	Single trim, surface-mounted rigid knob.	

<sup>1</sup> This lock will unlock when the door is closed. If you want your door to remain locked when it closes, please purchase the 501 function.

# Cylinders and competitor keyways

## Falcon standard cylinders - 6-pin

Catalog number	Description
Q330-154	Falcon (specify keyway)
Q330-155	Falcon (for W561)

Note: Specify finish: 606 or 626  
Specify keyway: G (standard), H, K, L, N, P

## Falcon interchangeable core

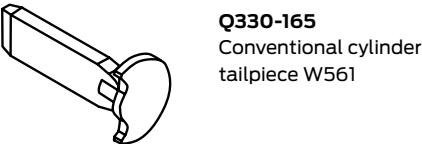
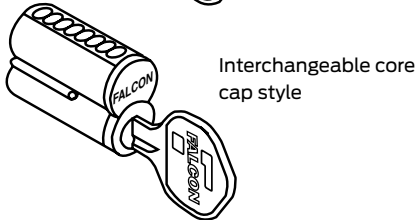
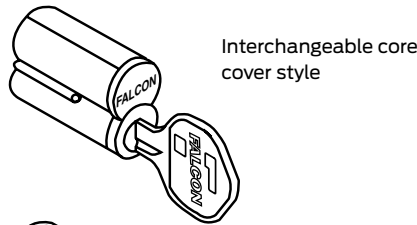
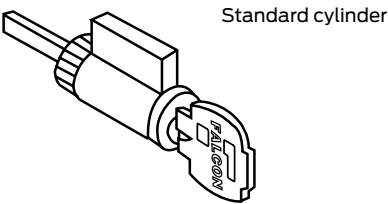
Catalog number	Description
C606 (6-pin), C607 (7-pin)	For use in all I/C keyed locks (cover style)
CB806 (6-pin), CB807 (7-pin)	For use in all I/C keyed locks (cap style)

Note: Specify finish: 606 or 626  
Specify keyway: A (standard) or other keyway

## Standard cylinders with other keyways - 6-pin

Catalog number	Description
Q330-152	Schlage C
Q330-153	Schlage C for W561
Q330-166	Corbin 60 (0 bit or KD only)
Q330-167	Corbin 60 (0 or KD only) for W561
Q330-210	Russwin D1 (0 bit or KD only)
Q330-211	Russwin D1 (0 bit or KD only) for W561
Q330-158	Cor/Russ L4 (0 bit or KD only)
Q330-159	Cor/Russ L4 (0 bit or KD only) for W561
Q330-160	Sargent LA (0 bit or KD only)
Q330-161	Sargent LA (0 bit or KD only) for W561
Q330-164	Tailpiece for Q330-154 Falcon and Schlage cylinders (All other functions)
Q330-165	Tailpiece for Q330-155 Falcon and Schlage cylinders (W 561 function only)
Q330-168	Tailpiece for SFIC (All functions)
Q330-156	Yale 8 (0 bit or KD only)
Q330-169	Tailpiece for W Lock knobs — SFIC

Note: Construction keying available. Reference page 101 for more information.





Options and accessories

# Latches and strikes

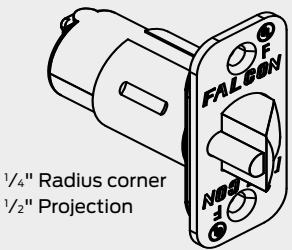
## Latches

- Latches for W Series locks are 3-hour UL listed
- 2 3/4" backset standard, 2 3/8" backset optional
- Unless otherwise specified we furnish a 1" x 2 1/4" square corner faceplate on 2 3/8" backset latches, and a 1 1/8" x 2 1/4" square corner faceplate on 2 3/4" backset latches

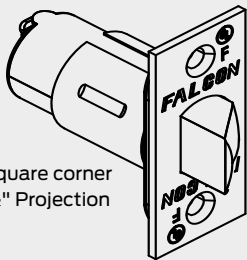
### 1/2" Projection, UL listed, stainless steel bolt

Catalog number	Description (functions)	Faceplate size	Corner
Q330-192	2 3/4" backset dead locking (201, 711, 501)	1" x 2 1/4"	Square
Q330-193	2 3/4" backset dead locking (201, 711, 501)	1" x 2 1/4"	Radius
Q330-194	2 3/4" backset dead locking (201, 711, 501)	1 1/8" x 2 1/4"	Square
Q330-195	2 3/4" backset dead locking	1" x 2 1/4"	Square
Q330-196	2 3/4" backset dead locking	1" x 2 1/4"	Radius
*Q330-197	2 3/4" backset dead locking	1 1/8" x 2 1/4"	Square
Q330-198	2 3/8" backset dead locking (201, 711, 501)	1" x 2 1/4"	Square
Q330-199	2 3/8" backset dead locking (201, 711, 501)	1" x 2 1/4"	Radius
*Q330-200	2 3/8" backset dead locking (201, 711, 501)	1 1/8" x 2 1/4"	Square
Q330-201	2 3/8" backset dead locking	1" x 2 1/4"	Square
Q330-202	2 3/8" backset dead locking	1" x 2 1/4"	Radius
*Q330-203	2 3/8" backset dead locking	1 1/8" x 2 1/4"	Square
Q330-204	2 3/4" backset spring latch	1" x 2 1/4"	Square
Q330-205	2 3/4" backset spring latch	1" x 2 1/4"	Radius
*Q330-206	2 3/4" backset spring latch	1 1/8" x 2 1/4"	Square
Q330-207	2 3/8" backset spring latch	1" x 2 1/4"	Square
Q330-208	2 3/8" backset spring latch	1" x 2 1/4"	Radius
*Q330-209	2 3/8" backset spring latch	1 1/8" x 2 1/4"	Square

\*Available as small rose

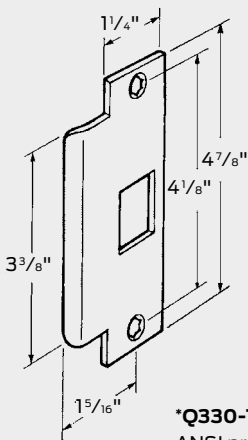


1/4" Radius corner  
1/2" Projection

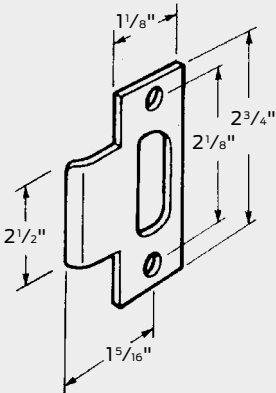


Square corner  
1/2" Projection

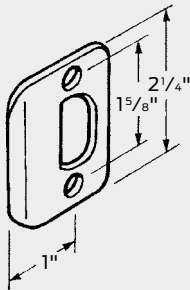
## Strikes



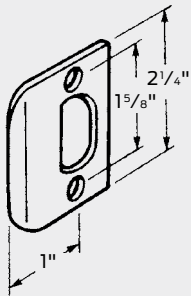
\*Q330-148  
ANSI prep  
A115.2



\*Q330-149  
T-strike  
square corner



Q330-150  
Full lip, 1/4"  
radius corner



Q330-151  
Full lip,  
square corner

\*Available as small rose



# Function and trim style cross-reference

W Series grade 2 cylindrical

ANSI number/grade	Function	Falcon	Arrow	Corbin/Russwin	Dorma	Hager	Yale
F75	Passage	W101	RL/RLX/MLX01	CL3810	CL710	2510	4601LN
F111	Comm/exit	W161	RL03	—	CL725	—	4628LN
F77	Patio	W201	—	CL3840	CL730	—	—
F76	Privacy	W301	RL/RLX/MLX72	CL3820	CL740	2540	4602LN
F109	Entry/office	W511	—	CL3851	CL753	2550	4607LN
F84	Classroom	W561	RL/RLX/MLX17	CL3855	CL770	2570	4607LN
F86	Storeroom	W581	RL/RLX/MLX12	CL3851	CL780	2580	4605LN
	Apartment entry	W711	—	—	—	—	—
	Single dummy	W12	RL/RLX/MLX08	CL3850	CL701	2517	4655LN
F82	Entry	W501	RL/RLX/MLX11	CL3861	CL750	2553	4604LN

Trim styles

Falcon	Arrow	Yale	Corbin/Russwin	Dorma	Hager
Dane	Sierra	Augusta	NZD	LR	Withnell
Quantum	Broadway	Pacific Beach	PZD	LC	Archer
Avalon	—	Monroe	—	LG	—
Boardwalk	—	—	—	—	—
Broadway	—	—	—	—	—
Latitude	—	—	—	—	—
Longitude	—	—	—	—	—
Hana	Ball	—	—	—	—
Elite	—	Carolina	—	—	—

All effort has been made to make this information comprehensive. Since no two products are exactly alike, this data represents those products which are similar. This information was obtained from trade services and is not guaranteed nor meant to represent any product as equal to any other product.

# How to order

For correct ordering and to ensure no delays in shipment of your order, the following descriptive data must be listed in the sequence shown. Necessary information can be found in other parts of this catalog. The example to the right shows an order for 12 each W locksets in the 581 storeroom function, QUA (Quantum) trim design in a 626 (satin chrome) finish, with a 2 3/4" backset latch, to accommodate doors 1 3/4" thick.

- **Quantity:** Indicate the quantity required.
- **Catalog number:** Select function number, cylinder type, and latch style from tables in this section.
- **Trim design:** Indicate letter of lever design. DAN = Dane; QUA = Quantum; ELI = Elite; HAN = Hana. If Falcon W Series small rose is required, specify SR = Small Rose. Outside design always proceeds inside design on split designs. If adding an abrasive lever option, add 6 to design code (example 6DAN).
- **Finish:** When the finish is the same for the outside and inside trim, it is shown once (626). Outside finish always precedes inside finish on split finishes (605 x 625).
- **Latches:** 2 3/4" backset is standard. 2 3/8" backset available. All latches are UL listed 3-hour A label.
- **Strikes:** 4 7/8" x 1 1/4" ANSI standard. For other options, see page 84.
- **Cylinder type:** 6-pin.
- **Keying detail:** We suggest using the standard terms developed by DHI (Door and Hardware Institute) or ALOA (Associated Locksmiths of America).
  - Example: AA1 - Grand Master keyed, Master keyed, change key 1.
- **Interchangeable core:** To order product capable of accepting an interchangeable core, add suffices from the keying table to the function number, preceding the latch style.
  - Example: W511HD will be supplied with SFIC keyed construction core.
- **Keyways:** "G" is standard on regular cylinders. "A" is standard on interchangeable cores. Other keyways available. See page 79.
- **Additional keys:** Note the total number of keys required.
- **Large bow keys:** Add—"with large bow keys" under additional details.

## How to order example

Line item	Qty.	Product	Outside		Inside		Hand	Latch	Strike	Door thickness	Ext.	DIM	Additional details/keying
			Des	Fin	Des	Fin							
1	12	W581D	QUA	626			RHR	30-197	30-149	1 3/4"			

Lock type comparison chart	Glossary and finish chart	MA Series	RU Series	T Series	X Series	K Series	B Series	W Series	H2 Series	D Series	K900 Series	Construction keying and product ID chart
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H2 Series

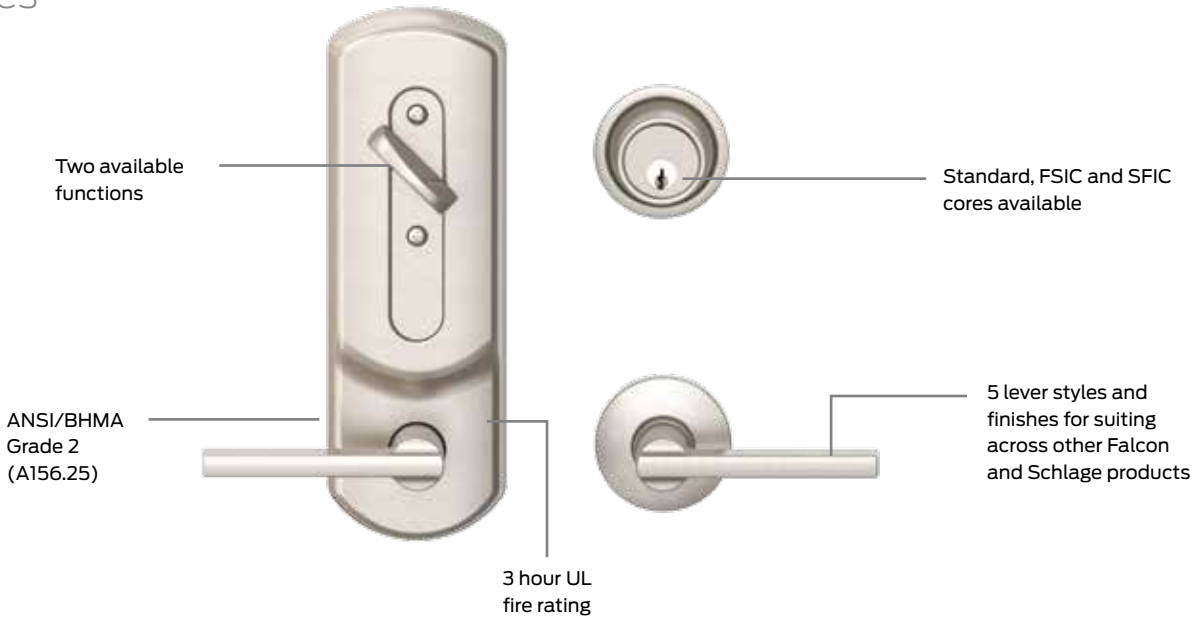
Grade 2 interconnected lever lock

Falcon is committed to delivering a solid product at a solid price. The H2 Series interconnected lock is Falcon's newest offering, featuring single motion egress to meet the latest Life and Safety code requirements.

The H2 Series is BHMA Grade 2 certified and is available in multiple finishes and lever styles for cohesive styling/pairing with other Falcon products.

The H2 Series is designed for multi-family and public restroom applications requiring a durable, robust commercial interconnect lock.

Features



# H2 Series

## Features

**Door thickness:** 1 <sup>3</sup>/<sub>4</sub>" - 2" door range standard; 1 <sup>3</sup>/<sub>8</sub>" available

**Backset:** 2 <sup>3</sup>/<sub>4</sub>" standard, 2 <sup>3</sup>/<sub>8</sub>" also available.

**Attachment:** Outer trims secured to the door by thru-bolts through a steel plate on the inside of the door. Inside escutcheon conceals mounting screws.

**Handing:** Specify hand of door when ordering. Field reversible.

**Cylinders:** "G" keyway standard. Drilled in 6 chambers, pinned in 5. Pinning in 6 chambers available when specified. Also available with 6 or 7-pin interchangeable core cylinders in H2101 function only.

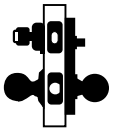

**Trim:** Roses are wrought brass, bronze or stainless steel, installed over wrought steel reinforcing plates. Knobs are brass, bronze or stainless steel secured by steel knob retainer which cannot be depressed when lock has been locked.

**Latches:** 1/2" projection, deadbolt has 1" projection with 1/4" hardened steel security roller. 2 <sup>3</sup>/<sub>4</sub>" backset with 2 1/4" x 1 1/8" latchface. 2 <sup>3</sup>/<sub>8</sub>" backset with 2 1/4" x 1" latchface. Other latchfaces available.

**Strikes:** (1) 2 <sup>3</sup>/<sub>4</sub>" x 1 1/8" T-strike and (1) 2 <sup>3</sup>/<sub>4</sub>" x 1 1/8" lipless strike.

**Mechanism:** Cold formed steel, zinc plated and dichromated for rust resistance.

**Certification:** UL Listed 1 1/2 Hour B Label. Lever-style trim complies with Title 19, California State Fire Marshal and all ADA and barrier-free codes.

Catalog number	Function	Description	ANSI no.
H2101	 Entry single locking	Deadbolt operated by key from outside or by turn from inside. Bolt automatically deadlocks when fully thrown. Latch retracted by lever from either side. Turning inside lever retracts deadbolt and latch simultaneously for immediate exit.	F94
H2171	 Public bathroom w/occupancy indicator	Deadbolt operated by turn from inside only. Occupancy indicator on outside. Bolt automatically deadlocks when fully thrown. Latch retracted by lever from either side. Turning inside lever retracts deadbolt and latch simultaneously for immediate exit. Not UL rated.	

Designs and styles

# Lever styles

Most levers can be suited with other Falcon locks and exit device trim. Levers also suite with Schlage residential lever designs, making the Falcon H2 Series perfect for multi-family applications.

Avalon (A)

Dane (D)

Flair (FLA)

Latitude (LAT)

Quantum (Q)

Trim finishes chart

Description	ANSI No.	Availability
Bright brass	605	All trim
Satin nickel	619	All trim
Matte black	622	All trim
Satin chrome	626	All trim
Aged bronze	643e	All trim

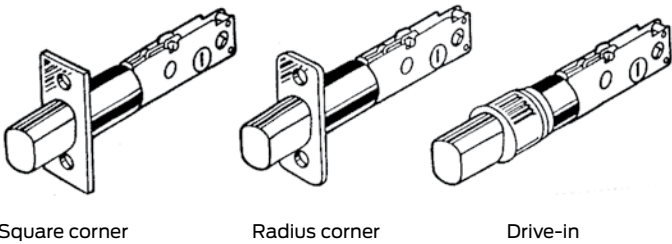
# Deadbolts

## 1" projection, standard

Standard deadbolts for H2 Series locks are non-UL listed. Available in 2<sup>3</sup>/<sub>8</sub>" or 2<sup>3</sup>/<sub>4</sub>" backsets.

Unless otherwise specified, we furnish a 2<sup>1</sup>/<sub>4</sub>" x 1" x square- corner faceplate on 2<sup>3</sup>/<sub>8</sub>" backset deadbolts and 2<sup>1</sup>/<sub>4</sub>" x 1<sup>1</sup>/<sub>8</sub>" x square corner on 2<sup>3</sup>/<sub>4</sub>" backset deadbolts.

\*Optional UL deadbolt available, except on drive-in deadbolts.



### Deadbolts for H2 Series - (except for double cylinder deadlock function and upper trim)

Catalog number	Description	Faceplate size	Corner
A74420-000	2 <sup>3</sup> / <sub>8</sub> " Backset dead bolt	2 <sup>1</sup> / <sub>4</sub> " x 1"	Square
A74421-000	2 <sup>3</sup> / <sub>8</sub> " Backset dead bolt	2 <sup>1</sup> / <sub>4</sub> " x 1"	Radius
A74425-000	2 <sup>3</sup> / <sub>8</sub> " Backset dead bolt	2 <sup>1</sup> / <sub>4</sub> " x 1 <sup>1</sup> / <sub>8</sub> "	Square
A76429-000	2 <sup>3</sup> / <sub>8</sub> " Backset dead bolt	Drive-in	Round
A74430-000	2 <sup>3</sup> / <sub>4</sub> " Backset dead bolt	2 <sup>1</sup> / <sub>4</sub> " x 1"	Square
A74431-000	2 <sup>3</sup> / <sub>4</sub> " Backset dead bolt	2 <sup>1</sup> / <sub>4</sub> " x 1"	Radius
A74435-000	2 <sup>3</sup> / <sub>4</sub> " Backset dead bolt	2 <sup>1</sup> / <sub>4</sub> " x 1 <sup>1</sup> / <sub>8</sub> "	Square
A76439-000	2 <sup>3</sup> / <sub>4</sub> " Backset dead bolt	Drive-in	Round

### Deadbolts for H2 Series - double cylinder deadlock function only

Catalog number	Description	Faceplate size	Corner
A84420-000	2 <sup>3</sup> / <sub>8</sub> " Backset dead bolt	2 <sup>1</sup> / <sub>4</sub> " x 1"	Square
A84421-000	2 <sup>3</sup> / <sub>8</sub> " Backset dead bolt	2 <sup>1</sup> / <sub>4</sub> " x 1"	Radius
A84425-000	2 <sup>3</sup> / <sub>8</sub> " Backset dead bolt	2 <sup>1</sup> / <sub>4</sub> " x 1 <sup>1</sup> / <sub>8</sub> "	Square
A86429-000	2 <sup>3</sup> / <sub>8</sub> " Backset dead bolt	Drive-in	Round
A84430-000	2 <sup>3</sup> / <sub>4</sub> " Backset dead bolt	2 <sup>1</sup> / <sub>4</sub> " x 1"	Square
A84431-000	2 <sup>3</sup> / <sub>4</sub> " Backset dead bolt	2 <sup>1</sup> / <sub>4</sub> " x 1"	Radius
A84435-000	2 <sup>3</sup> / <sub>4</sub> " Backset dead bolt	2 <sup>1</sup> / <sub>4</sub> " x 1 <sup>1</sup> / <sub>8</sub> "	Square
A86439-000	2 <sup>3</sup> / <sub>4</sub> " Backset dead bolt	Drive-in	Round

Specify finish: 606, 613, 626 or 630.

Options and accessories

# Strikes, dust boxes and cam locks

Strikes

**030020-000**  
ANSI Strike

**010018-001**  
Lipless strike

**030290-000**  
T-strike or security

**005075-000**  
T-strike, square corner

**005051-000**  
Full lip, square corner

**005051-001**  
Full lip, 1/4 radius corner

Dust boxes

**B500-622**  
Metal dustbox reinforcer for 10-094 strike.

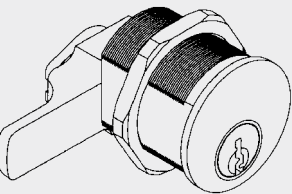


Mounted samples



Individual mounted lock samples are available in auxiliary locks. Mounted locks are fully operative, thus demonstrating their individual features. Light and portable, they may be easily carried for on-site demonstrations.

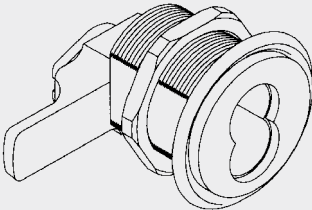
Cam locks



- Lazy action operation:**
1. Key rotates cam 90°.
  2. Set screw limits cam rotation to 90°
  3. Key removable in locked or unlocked position.

945 Standard cylinder cam lock

Cam lock for cabinet doors up to 3/4" thick. Large cam measures 1 1/2" center-to-end. Provided with two cam drivers to allow for rigid cam or lazy cam operation. Lock is field-reversible for right hand or left hand doors.



- Rigid driver operation:**
1. Key rotates cam 360°.
  2. Set screw limits cam rotation if required.
  3. Key removable in locked position only.

C945 SFIC (less core) cam lock

**Cylinders:** Furnished with solid brass plug and housing drilled with 6-pin chambers, pinned in 5 unless otherwise specified. Available with 6- or 7-pin interchangeable cores. Furnished with two (2) nickel silver keys standard.

**Keyways:** "G" keyways standard on standard cylinders. "A" keyway standard on I/C core cylinders.



# How to order

For correct ordering, and to ensure no delays in processing of your order, the following descriptive data should be listed in the sequence shown. Necessary information can be found in other parts of this catalog. The example below shows an order for 20 each H2 locksets in the 101 Entry function, in a 626 (satin chrome) finish, to accommodate doors 1 3/4" thick with AA1- AA20 keying.

- **Quantity:** Indicate the quantity required.
- **Catalog number:** Select function number.
- **Cylinder type:** P = conventional cylinder, L=prepped for conventional cylinder, but less cylinder, B=prepped for SFIC, but less cylinder, BB=with Best style capped core, BDC=with disposable construction core, G=with Falcon slide cap core, H=with keyed construction core.
- **Finish:** When the finish is the same for the outside and inside trim, it is shown once (626). Outside finish always precedes inside finish on split finishes (605 x 625).
- **Bolt:** Standard deadbolts for H2 Series locks are non-UL listed. Available in 2 3/8" or 2 3/4" backsets.
- **Latches:** 2 3/4" backset is standard. 2 3/8" backset available. All latches are UL listed 3-hour A label.
- **Strike:** 2 3/4" x 1 1/8" lipless standard. Optional ANSI, T-strike, full lip strikes or security strike available.
- **Cylinder type:** For 6-pin, add 6-pin. For 7-pin, add 7-pin. 7-pin conventional cylinder is not available on the H Series.
- **Door hand:** Not required. All other locks are fully reversible.
- **Keying detail:** We suggest using the standard terms developed by the A.H.C. (Architectural Hardware Consultants).
  - Example: AA1 - Grand Master keyed, Master keyed, change key 1.
- **Interchangeable core:** Specify for 6 or 7 pin if ordering prepped for interchangeable core (SFIC). BD6 or BD7, GD6 or GD7, BB6 or BB7.
- **Keyways:** “G” is standard on regular cylinders. “A” is standard on interchangeable cores. Other keyways available. Please consult factory.
- **Additional keys:** Note the total number of keys required.
- **Large bow keys:** Add–“with large bow keys” under additional details.

## How to order example

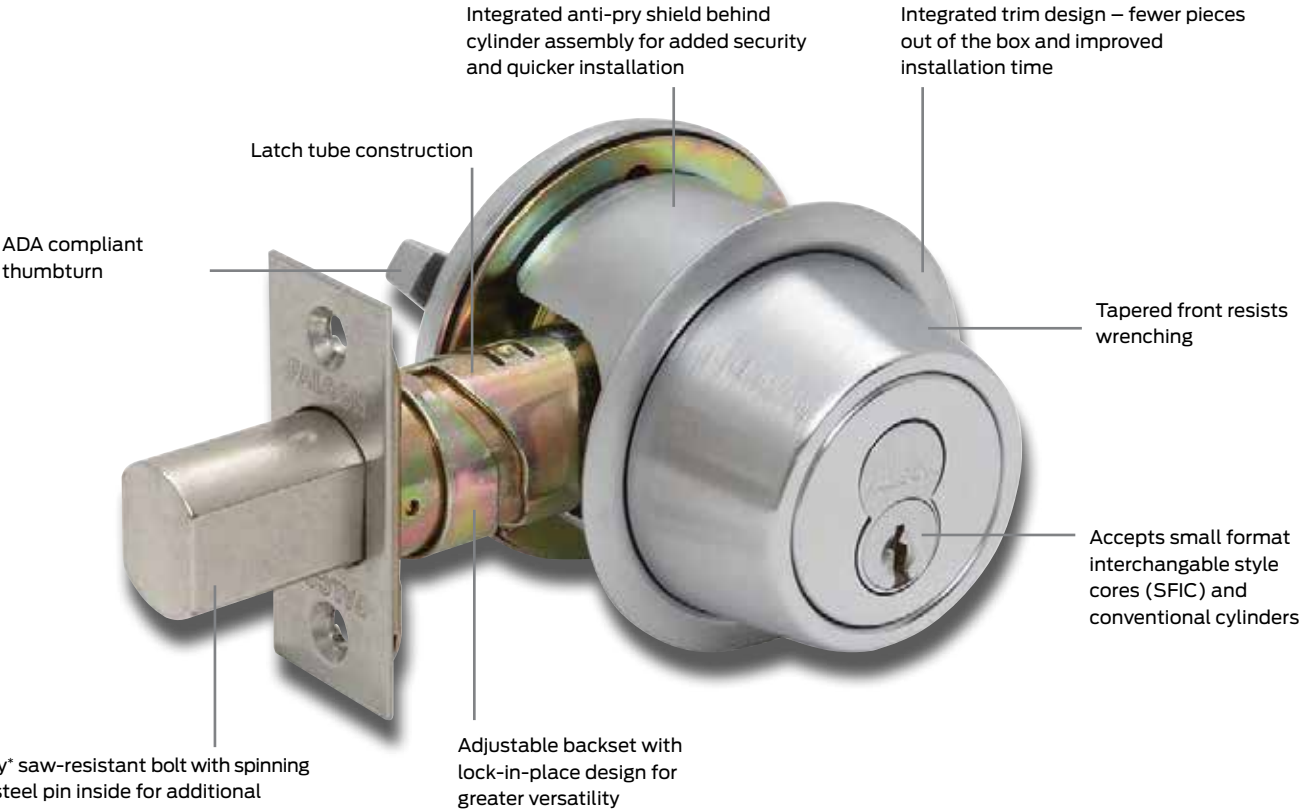
Qty.	Catalog number	Trim design	Finish	Latch	Strike	Cylinder	Detail
20	H2101	FLA	626	STD	STD	6-pin	AA1-AA20 1 3/4" DR

# D Series

Grade 1 and Grade 2 deadbolts

Deadbolt locks provide an extra measure of protection against break-in when used as a supplement to an existing lockset. In applications ranging from military and government projects to multi-family housing, retail and restaurants, Falcon deadbolts deliver superior performance and the flexibility of multiple keying systems. Our full line of Grade 1 and 2 auxiliary locks feature interchangeable cores that are compatible with SFIC products from other manufacturers. Plus they’re backed by Allegion, the best name in the business.

## Features



\*Grade 1 - High strength steel - powdered  
Grade 2 - Zinc

### Features, benefits and specifications

# D100 Series

Grade 1, heavy-duty deadbolts

## Features

**Door thickness:** 1<sup>3</sup>/<sub>8</sub>" to 1<sup>3</sup>/<sub>4</sub>" Up to 2<sup>1</sup>/<sub>4</sub>" door thickness also available.

**Backsets:** 2<sup>3</sup>/<sub>8</sub>" - 2<sup>3</sup>/<sub>4</sub>" adjustable deadbolt.

**Attachment:** Locks are solidly attached to the door by 1/4" heat-treated steel bolts. These bolts pass through a steel plate (D111, D121 and D141) or the inner cylinder housing (D131) and thread directly into the back of the outer cylinder housing.

A permanent cap is inserted over the inside cylinder (D131) making the bolts nearly impossible to remove.

**Handing:** Non-handed. May be used on right hand or left hand doors swinging in or out.

**Cylinders:** Furnished with solid brass plug and housing, drilled with 6-pin chambers, pinned in 5 unless otherwise specified. Also available with 7-pin cylinders. Available with 6 or 7-pin interchangeable cores. Furnished with two (2) nickel silver keys standard.

**Keyways:** “G” keyway standard on conventional cylinders. “A” keyway standard on I/C core cylinders. Also available with some optional keyways.

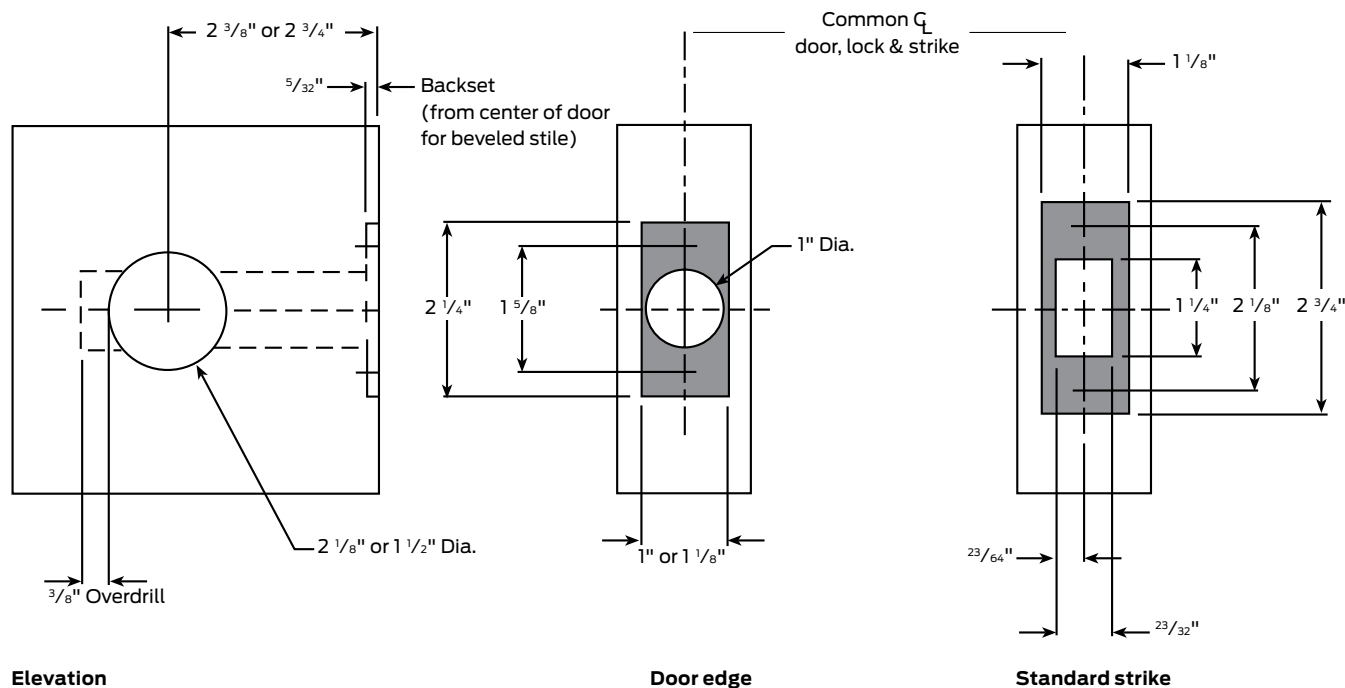
**Exposed trim:** Wrought brass or bronze reinforced with steel insert.

**Deadbolts:** Deadbolt locks are furnished with deadbolts which have a full 1" projection. Housed within the deadbolt is a free-turning, 1/4" thick, hardened steel, saw-resistant roller. Furnished standard with 2 3/8" - 2 3/4" adjustable backset and 1 1/8" x 2 1/4" faceplate. Optional 1" x 2 1/4" faceplate. Consult Options and Accessories section for other optional faceplates. D100 bolt is high strength steel.

**Strikes:** 2 3/4" x 1 1/8" lipless strike standard. ANSI 4 7/8" x 1 1/4" lipless, 2 1/4" full lip strikes, a 2 3/4" x 1 1/8" T-strike or a security strike are available. Consult options and accessories section.

**Screws:** Furnished with wood/machine screws for use on wood or metal doors or frames.

**ANSI/BHMA Standard: A156.5, 2001, Grade 1.**



Designs and styles

# D100 Series styles

## Classroom deadbolt (schoolhouse safety)

Deadbolt thrown or retracted by key from outside. Inside turn will only retract bolt. Bolt automatically deadlocks when fully thrown.

ANSI/BHMA E0171



## Single cylinder deadbolt

Deadbolt thrown or retracted by key only. Blank plate inside. Bolt automatically deadlocks when fully thrown.

ANSI/BHMA E0161



## Double cylinder deadbolt

Deadbolt thrown or retracted by key from either side. Bolt automatically deadlocks when fully thrown.

ANSI/BHMA E0141



## Single cylinder deadbolt with turn

Deadbolt thrown or retracted by key or by turn. Bolt automatically deadlocks when fully thrown.

ANSI/BHMA E0151



### Trim finishes chart

Description	ANSI No.	Available on
Bright brass	605	All trim
Satin brass	606	All trim
Oil rubbed bronze	613	All trim
Bright chrome	625	All trim
Satin chrome	626	All trim

D200 Series

Grade 2, medium-duty deadbolts

Features

**Door thickness:** 1<sup>3</sup>/<sub>8</sub>" to 1<sup>7</sup>/<sub>8</sub>". For thicker doors, available up to 2<sup>1</sup>/<sub>4</sub>".

**Backsets:** 2<sup>3</sup>/<sub>8</sub>"- 2<sup>3</sup>/<sub>4</sub>" adjustable deadbolt.

**Attachment:** Locks are solidly attached to the door by 1/4" heat-treated steel bolts. These bolts pass through a steel plate (D211, D221 and D241) or the inner cylinder housing (D231) and thread directly into the back of the outer cylinder housing.

**Handing:** Non-handed. May be used in right hand or left hand doors swinging in or out.

**Cylinders:** Furnished with solid brass plug and housing, drilled with 6-pin chambers, pinned in 5 unless otherwise specified. Available with 6 or 7-pin interchangeable cores. Furnished with two (2) nickel silver keys standard.

**Keywords:** "G" keyway standard on conventional cylinders. "A" keyway standard on I/C core cylinders. Also available with some optional keyways.

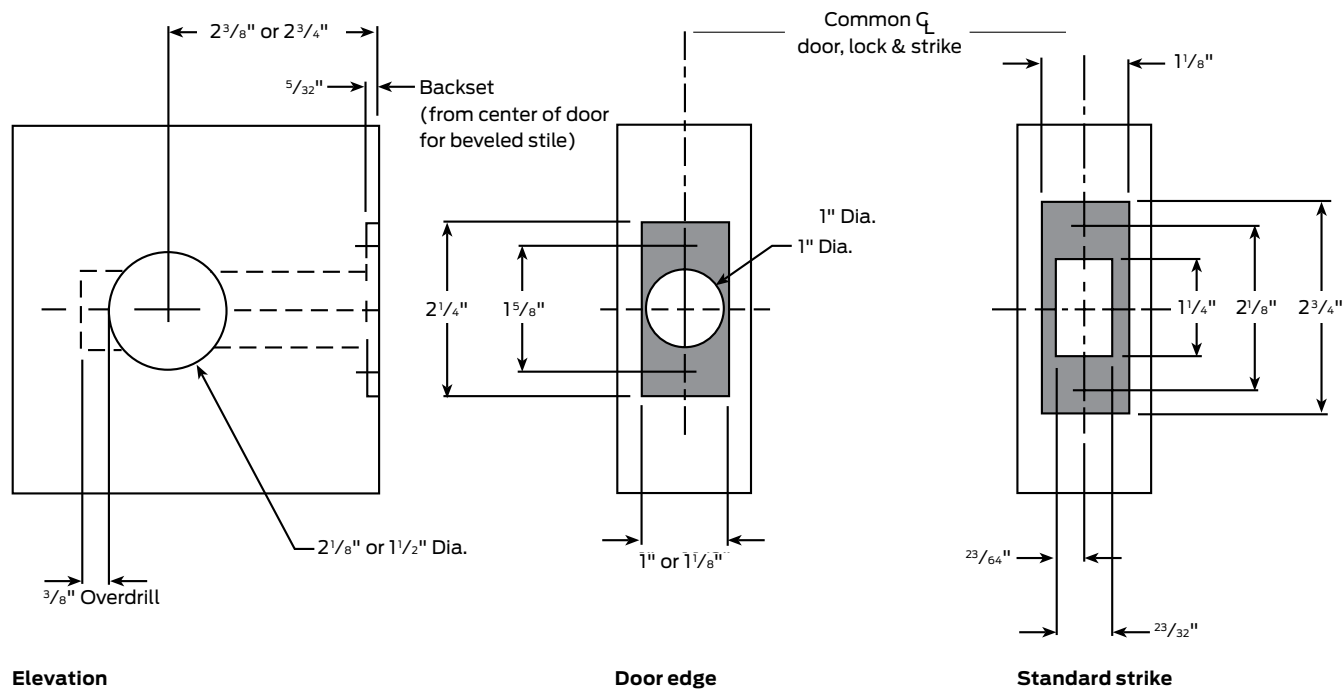
**Exposed trim:** Wrought brass or bronze reinforced with steel insert.

**Deadbolts:** Deadbolt locks are furnished with deadbolts which have a full 1" projection. Housed within the deadbolt is a free-turning, 1/4" thick, hardened steel, saw-resistant roller. Furnished standard with 2<sup>3</sup>/<sub>8</sub>"- 2<sup>3</sup>/<sub>4</sub>" adjustable backset and 1<sup>1</sup>/<sub>8</sub>" x 2<sup>1</sup>/<sub>4</sub>" faceplate. Optional 1" x 2<sup>1</sup>/<sub>4</sub>" faceplate. Consult Options and Accessories section for other optional faceplates. D200 bolt is cast zinc.

**Strikes:** 2<sup>3</sup>/<sub>4</sub>" x 1<sup>1</sup>/<sub>8</sub>" lipless standard. ANSI 4<sup>7</sup>/<sub>8</sub>" x 1<sup>1</sup>/<sub>4</sub>" lipless, 2<sup>1</sup>/<sub>4</sub>" full lip strikes, a 2<sup>3</sup>/<sub>4</sub>" x 1<sup>1</sup>/<sub>8</sub>" T-strike or a security strike are available. Consult Options and Accessories section.

**Screws:** Furnished with wood/machine screws for use on wood or metal doors or frames.

**ANSI/BHMA Standard:** A156.5, 2001, Grade 2.



# D200 Series styles

## Classroom deadbolt (schoolhouse safety)

Deadbolt thrown or retracted by key from outside. Inside turn will only retract bolt. Bolt automatically deadlocks when fully thrown.

ANSI/BHMA E0172



## Single cylinder deadbolt

Deadbolt thrown or retracted by key only. Blank plate inside. Bolt automatically deadlocks when fully thrown.

ANSI/BHMA E016



## Double cylinder deadbolt

Deadbolt thrown or retracted by key from either side. Bolt automatically deadlocks when fully thrown.

ANSI/BHMA E0142



## Single cylinder deadbolt with turn

Deadbolt thrown or retracted by key or by turn. Bolt automatically deadlocks when fully thrown.

ANSI/BHMA E0152



## Trim finishes chart

Description	ANSI No.	Available on
Bright brass	605	All trim
Satin brass	606	All trim
Oil rubbed bronze	613	All trim
Bright chrome	625	All trim
Satin chrome	626	All trim

# D200 Series lock features

## Thumbturn (Inside only)

Deadbolt thrown or retracted by turn unit only. No outside trim. Bolt automatically deadlocks when fully thrown.

ANSI/BHMA E0192



D261

## Thumbturn (Inside with occupancy indicator)

Deadbolt thrown or retracted by turn unit only. Occupancy indicator on outside (reads either in use or vacant with color coding). Bolt automatically deadlocks when fully thrown.

Emergency key supplied.



D271

## Thumbturn (Inside with blank rose)

Deadbolt thrown or retracted by turn unit only. Outside blank rose. Bolt automatically deadlocks when fully thrown.

ANSI/BHMA E01112



D261M

Lock type comparison chart
Glossary and finish chart
MA Series
RU Series
T Series
X Series
K Series
B Series
W Series
H2 Series
D Series
K900 Series
Construction keying and product ID chart



# Function cross-reference

## D100 Series – Grade 1

ANSI	Function	Falcon	Stanley	Corbin/ Russwin	Sargent	Yale	Hager
E0171	Schoolhouse safety	D111	QDB186/187	DL3217	487	D161/162	E0141- 3114
E0161	Cylinder X blank	D121	-	DL3211	486	D131/132	E0151- 3115
E0141	Double cylinder	D131	QDB182/183	DL3212	484	D121/122	E0171- 3118
E0151	Cylinder X turn	D141	QDB186/187	DL3213	485	D111/112	-

## D200 Series – Grade 2

ANSI	Function	Falcon	Stanley	Russwin	Sargent	Yale	Hager
E0172	Schoolhouse safety	D211	QDB286/287	DL2217	-	D261/262	E0142-3214
E0162	Cylinder X blank	D221	-	DL2211	-	D231/232	E0152-3215
E0142	Double cylinder	D231	QDB282/283	DL2212	474	D221/222	E0192-3220
E0152	Cylinder X turn	D241	QDB288	DL2213	475	D211/212	Thumbturn x occupancy - 3216
E0192	Turn inside only	D261	-	DL2260	479	D241/242	-

## Metric conversion table

1/32" = .79 mm	3/16" = 4.76 mm	1/2" = 12.70 mm	15/16" = 23.81 mm
1/16" = 1.58 mm	1/4" = 6.35 mm	9/16" = 14.28 mm	1" = 25.40 mm
3/32" = 2.38 mm	5/16" = 7.93 mm	5/8" = 15.87 mm	2 3/8" = 60 mm
1/8" = 3.17 mm	11/32" = 8.73 mm	3/4" = 19.05 mm	2 3/4" = 70 mm
5/32" = 3.96 mm	3/8" = 9.52 mm	7/8" = 22.22 mm	5" = 127 mm



# Function cross-reference

Mounting screws

Part number	Specify finish	Description	Application		
		Size	Type	Use	Door thickness
Keyed, single conventional cylinder					
B600-100		1/4"-28 x 1 <sup>15</sup> / <sub>16</sub> "	POH mach.	Mounting	1 <sup>3</sup> / <sub>8</sub> " - 1 <sup>3</sup> / <sub>4</sub> "
B600-101		1/4"-28 x 1 <sup>15</sup> / <sub>16</sub> "	POH mach.	Mounting	1 <sup>3</sup> / <sub>8</sub> " - 2 <sup>1</sup> / <sub>4</sub> "
B600-066		6-32 x 1/4"	PH mach.	Turn	-
B520-298		10-32 x 3/8"	PH mach.	Anti-pry shield	-
Keyed, single SFIC cylinder					
B600-100		1/4"-28 x 1 <sup>15</sup> / <sub>16</sub> "	POH mach.	Mounting	1 <sup>3</sup> / <sub>8</sub> " - 2 <sup>1</sup> / <sub>4</sub> "
B600-066		6-32 x 1/4"	PH mach.	Turn	-
Keyed, double conventional cylinder					
B600-047		1/4"-28 x 3 <sup>13</sup> / <sub>16</sub> "	PH mach.	Mounting	1 <sup>3</sup> / <sub>8</sub> " - 1 <sup>3</sup> / <sub>4</sub> "
B600-078		1/4"-28 x 1 <sup>29</sup> / <sub>64</sub> "	PH mach.	Mounting	1 <sup>3</sup> / <sub>8</sub> " - 2 <sup>1</sup> / <sub>4</sub> "
B520-298		10-32 x 3/8"	PH mach.	Anti-pry shield	-
Keyed, double SFIC cylinder					
B600-053		1/4"-28 x 3 <sup>61</sup> / <sub>64</sub> "	PH mach.	Mounting	1 <sup>3</sup> / <sub>8</sub> " - 2 <sup>1</sup> / <sub>4</sub> "
B520-298		10-32 x 3/8"	PH mach.	Anti-pry shield	-
Keyless, D261					
B600-066		6-32 x 1/4"	PH mach.	Turn	-
B600-048		10-32 x 1/2"	PH mach.	Mounting plate	-
F506-359		#8 x 3/4"	RH wood	Mounting plate	
Keyless, D261M, D271					
B520-662		10-32 x 1 <sup>3</sup> / <sub>4</sub> "	POH mach.	Mounting	-
B520-663		10-32 x 1 <sup>3</sup> / <sub>4</sub> "	POH mach.	Mounting	-
B600-066		6-32 x 1/4"	PH mach.	Turn	
All functions					
C603-897		#8 x 3/4"	PFH combo.	Deadbolt & strike	-
J520-028		#8 x 2"	PFH wood	2" strike screw	-
R525-256		#12 x 3"	PFH wood	3" metal dust box	-

# How to order

For correct ordering, and to ensure no delays in processing of your order, the following descriptive data should be listed in the sequence shown. Necessary information can be found in other parts of this catalog. The example below shows an order for 20 each D deadbolts in the 141 Entry function, in a 626 (satin chrome) finish, to accommodate doors 1 3/4" thick with AA1- AA20 keying.

- **Quantity:** Indicate the quantity required.
- **Catalog number:** Select function number.
- **Cylinder type:** P = conventional cylinder, L=prepped for conventional cylinder, but less cylinder, B=prepped for SFIC, but less cylinder, BB=with Best style capped core, BDC=with disposable construction core, G=with Falcon slide cap core, H=with keyed construction core.
- **Bolt type:** D for deadbolt.
- **Finish:** When the finish is the same for the outside and inside trim, it is shown once (626). Outside finish always precedes inside finish on split finishes (605 x 625).
- **Latches:** 2 3/4" backset is standard. 2 3/8" backset available. All latches are UL listed 3-hour A label.
- **Strikes:** 4 7/8" x 1 1/4" ANSI standard.
- **Cylinder type:** 6-pin.
- **Latch:** 2 3/8" - 2 3/4" universal backset - standard.
- **Strike:** 2 3/4" x 1 1/8" lipless standard. Optional ANSI, T-strike, full lip strikes or security strike available.
- **Cylinder type:** For 6-pin, add 6-pin. For 7-pin, add 7-pin. 7-pin conventional cylinder is not available on the H Series.
- **Door hand:** Not required. All other locks are fully reversible.
- **Keying detail:** We suggest using the standard terms developed by the A.H.C. (Architectural Hardware Consultants).
  - Example: AA1 - Grand Master keyed, Master keyed, change key 1.
- **Interchangeable core:** Specify for 6 or 7 pin if ordering prepped for interchangeable core (SFIC). BD6 or BD7, GD6 or GD7, BB6 or BB7.
- **Keyways:** “G” is standard on regular cylinders. “A” is standard on interchangeable cores. Other keyways available. Please consult factory.
- **Additional keys:** Note the total number of keys required.
- **Large bow keys:** Add—“with large bow keys” under additional details.

## How to order example

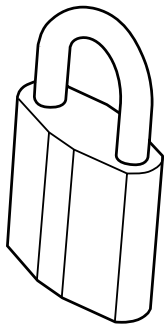
Qty.	Catalog number	Trim design	Finish	Latch	Strike	Cylinder	Detail
20	D141PD	—	626	STD	STD	6-pin	AA1-AA20 1 3/4" DR

Lock type comparison chart	Glossary and finish chart	MA Series	RU Series	T Series	X Series	K Series	B Series	W Series	H2 Series	D Series	K900 Series	Construction keying and product ID chart
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K900 Series

Padlocks

A pin tumbler padlock manufactured from solid bar stock brass, with chrome-plated, case-hardened steel shackle. The entire cylinder assembly is removable for easier rekeying or quick cylinder change. Note: Key is removable in locked position. Padlocks with longer shackles (2" or 6") available when specified. 1" shackle is standard.



955 Deadlocking type padlock

**Cylinders:** Furnished with solid brass plug and housing, drilled with 6-pin chambers, pinned in 5 unless otherwise specified. Also available with 7-pin cylinder. Furnished with two (2) nickel silver keys standard.

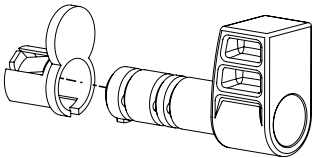
**Keyways:** “G” keyway standard on standard cylinders. Interchangeable core (SFIC) padlocks, branded Schlage, are also available. See pricebook for details.

# Construction keying

Falcon offers two different construction key systems depending on the size of and application within the project. Both systems permit the installation and use of regular door locks during construction, yet completely preserve the security of the keying system for the ultimate building owner. The Master, Grand Master and change keys are never with the locks during the construction phase of a building. Only the “construction” keys are sent to the job site. Where the job permits, we will utilize the “Lost pin system” as our standard system for construction keying. Larger or more complicated jobs may require the use of our “Blockokey® System” for construction keying.

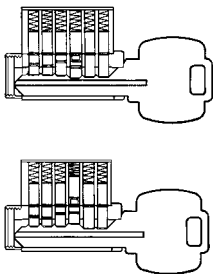
## “Disposable construction” interchangeable cores

This newly designed disposable construction core (1408) is an inexpensive alternative to interior keyed construction cores. This core should be used on interior door applications or where security on a site is not a concern. No keys need to be issued. The disposable core is inserted in the lever or knob and is operated by a thumb turn, which retracts the latch bolt. Please use either brass or permanent construction cores on exterior doors or secured areas.



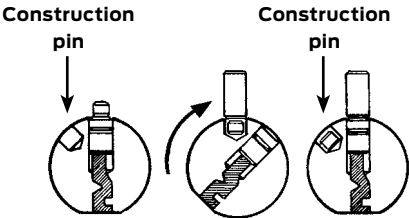
## Locks with “Lost pin system”

Our “lost” pin construction key system consists of one construction pin and a shallow hole in the side of the plug.



**Construction key—KB566**  
When the “construction” key is used, the construction pin is always in the cylinder plug, sitting on top of the bottom pin.

**Master key—KB578**  
When the Master key is inserted, the construction pin is pushed up into the cylinder housing. As the Master key is rotated to the right, the construction pin will drop into the hole in the plug, thereby eliminating any future use of the construction key.



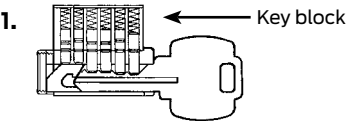
## Locks with Blockokey® cylinders

All lock cylinders on a specific project are operable by a special “project key.” Duplicates of this key may be assigned by the building contractor to workmen and subcontractors as required. No regular change keys or Master keys are needed on the job. This eliminates the possibility of subsequent exposure from lost or stolen keys.

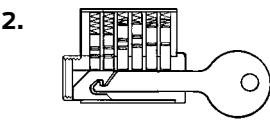
## How to order locks with Blockokey® cylinders

Blockokey® locksets are ordered by adding the word “Blockokey” after the balance of the ordering information.

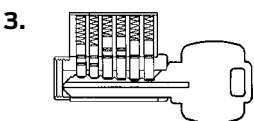
Example: 72 Each B511 D 626 1AA-72AA (Blockokey)



**Project key—KB531**  
Lock cylinder is operated by the special “project key.” The last two pins in the cylinder are held inoperative by the key block.

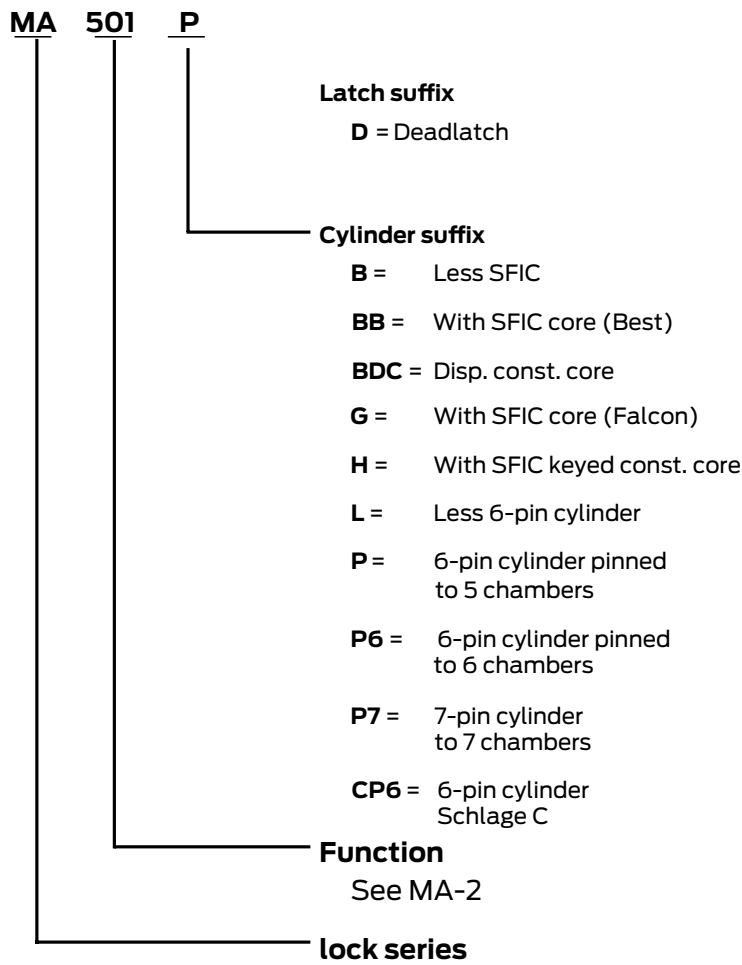


**Removal tool – KB536**  
The special “project key” is canceled out by removal of the key block. A key block removal tool is furnished with the Master keys for the locks. Simply push the removal tool into the keyway, then withdraw it to remove the block. Thereafter, the “project key” will no longer operate the lock cylinder.



**Change or master key—KB578**  
Cylinder is now only operable by the regular change key or Master key.

Product identification



SFIC = Small format (Best® style) interchangeable core

## Notes

## About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries.

For more, visit [www.allegion.com](http://www.allegion.com)

*aptiQ* ■ LCN ■ **SCHLAGE** ■ STEELCRAFT ■ VON DUPRIN



# FALCON®

## D100/D200 Series

Grade 1 heavy duty and Grade 2  
medium duty deadbolts

### Overview

Deadbolt locks provide an extra measure of protection against break-in when used as a supplement to an existing lockset. In applications ranging from military and government projects to multi-family housing, retail and restaurants, Falcon deadbolts deliver superior performance and the flexibility of multiple keying systems. Our full line of Grade 1 and Grade 2 locks feature interchangeable cores that are compatible with all SFIC products from other manufacturers. D100/D200 Series will fit on virtually any door due to an innovative, adjustable backset design; and they're backed by Allegion, the best name in the business. Falcon continues to deliver a solid product at a solid price.

Falcon fits - everything you need in a deadbolt:

- Innovative, flexible design
- Tough-as-nails construction
- Unrivalled ease of installation

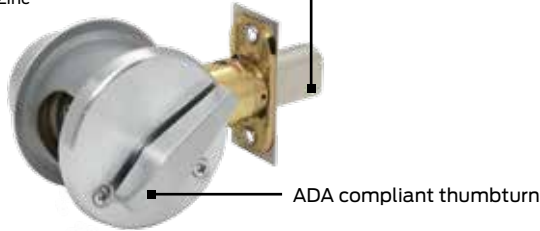


# D100/D200 Series

Our toughest deadbolt is also the most flexible

Heavy duty\* saw-resistant bolt with spinning hardened steel pin inside for additional protection

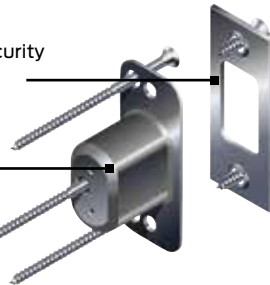
\*Grade 1 - High strength steel  
Grade 2 - Zinc



Improved security strike design

Added space inside strike box for true deadlatch

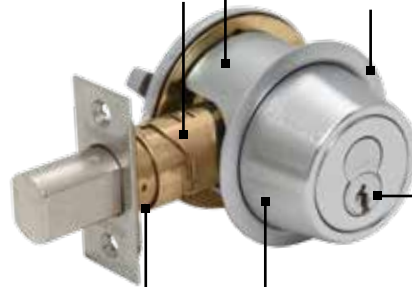
Security strike on jamb has third screw for deeper anchoring



Integrated anti-pry shield behind cylinder assembly for added security and quicker installation

Latch tube construction

Integrated trim design – fewer pieces out of the box and improved installation time



Accepts small format interchangeable cores (SFIC) and conventional cylinders

Tapered front resists wrenching

Adjustable backset with lock-in-place design for greater versatility

## Available functions (exterior x interior)

- Single cylinder x thumbturn
- Single cylinder x thumbturn – classroom function
- Single cylinder x rose
- No outside trim x thumbturn
- Rose x thumbturn
- Occupancy indicator x thumbturn
- Double cylinder
- Double thumbturn

Unique indicator function



## Available finishes



605/US3  
Bright brass



606/US4  
Satin brass



613/US10B  
Oil rubbed bronze



625/US26  
Bright chrome



626/US26D  
Satin chrome

## About Allegion

Allegion (NYSE: ALLE) creates peace of mind by pioneering safety and security. As a \$2 billion provider of security solutions for homes and businesses, Allegion employs more than 8,000 people and sells products in more than 120 countries across the world. Allegion comprises more than 25 global brands, including strategic brands CISA®, Interflex®, LCN®, Schlage® and Von Duprin®. For more, visit [www.allegion.com](http://www.allegion.com).

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