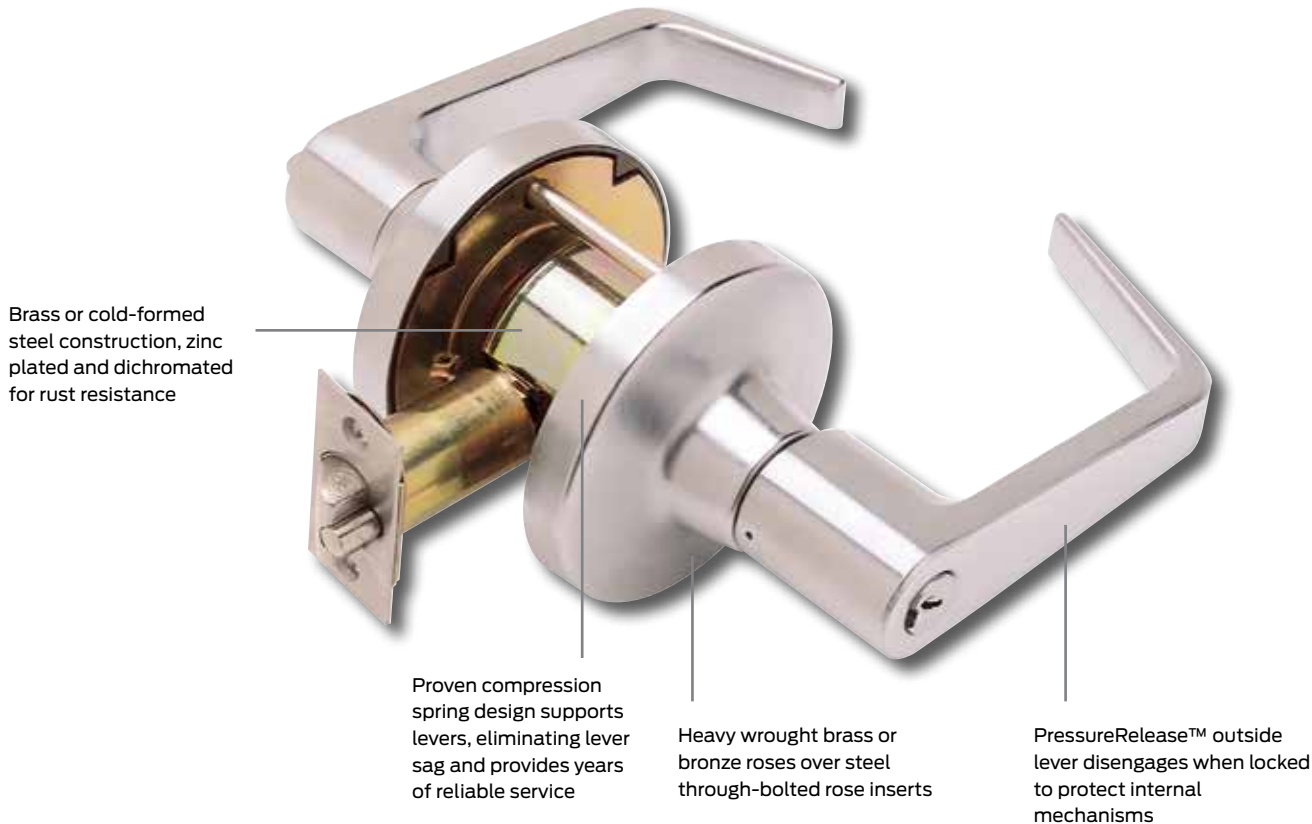


T Series

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.

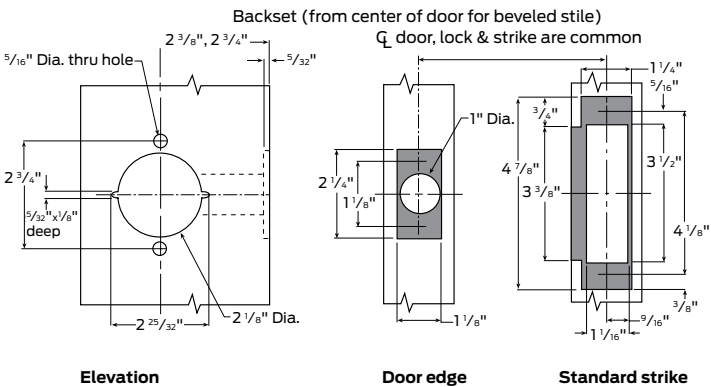
ANSI/BHMA: Meets ANSI/BHMA A156.2, Series 4000, Grade 1.

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

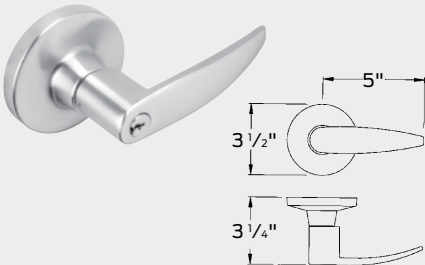


Designs and styles

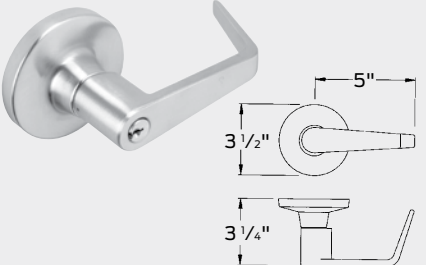
Lever styles

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.

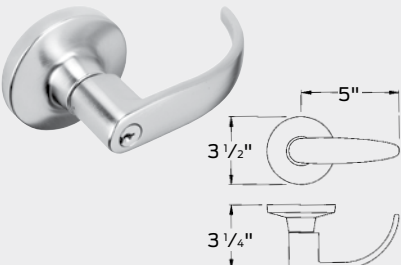
Avalon (A)




Dane (D)




Quantum (Q)




Boardwalk (BRK)



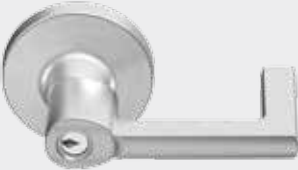
Broadway (BRW)



Latitude (LAT)



Longitude (LON)



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.

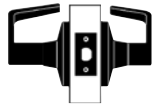
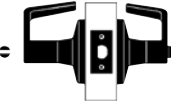

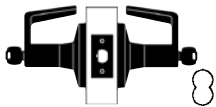



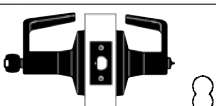
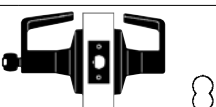

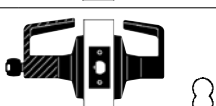


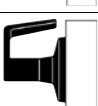
Trim finishes chart

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

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*

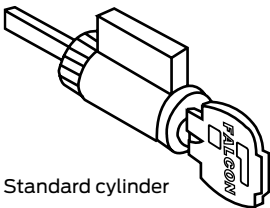
- Arrow
- Best
- Corbin Russwin
- Medeco Keymark
- Medeco 32 Series
- Peaks (Kaba)
- Primus (Schlage)
- Sargent
- Schlage
- Yale

* 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

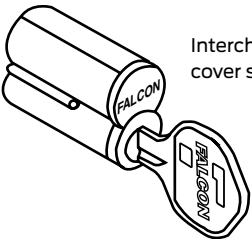
Note: Specify finish: 606 or 626. Specify keyway: “E”, “G” (standard), “H”, “K”, “L”, “N”, “P”.



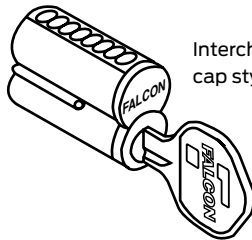
Standard cylinder

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.

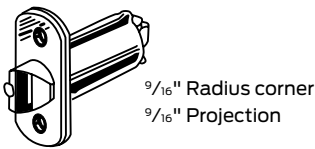
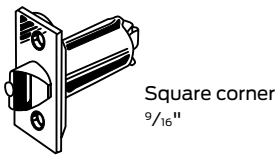
Competitor keyways

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



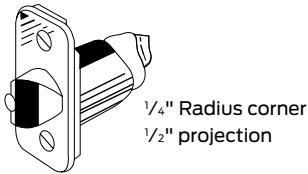
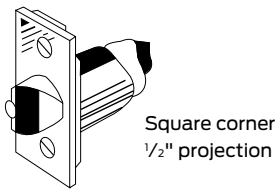
Grade 1, UL listed

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

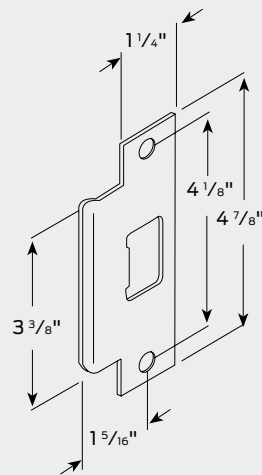
Latches for T Series locks are UL Listed.

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.

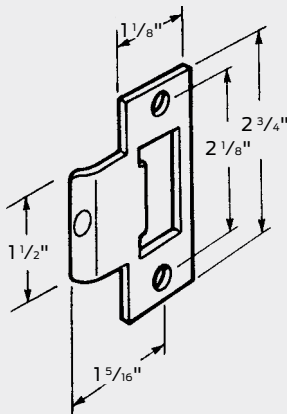
Strikes, backsets and dustboxes

Strikes

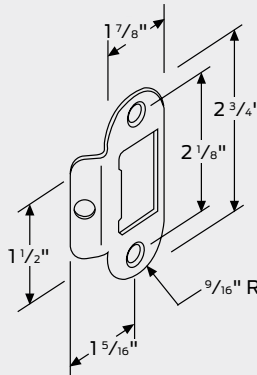
Furnished with a 4 7/8" ANSI Strike unless otherwise specified.



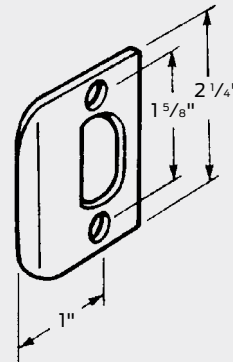
005164-000
ANSI prep A115.2



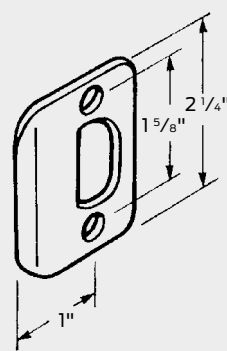
A05185-000
T-strike square corner



A05185-004
T-strike 9/16" radius



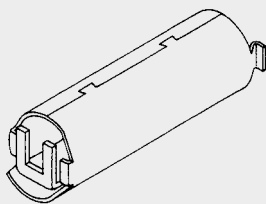
Q001-049
Full lip, square corner



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).

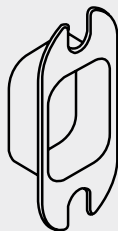


A22161-005-00

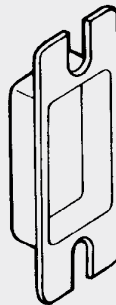
Dust boxes



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