



PT Tubular Key Cam Locks

Fixed core

- 7-pin tumbler lock security
- Keyed alike, keyed differently or custom key code options
- Cams sold separately

Material and Finish

Zinc alloy, chrome plated

Performance Details

Average ultimate load on cam:
645 N (145 lbf)

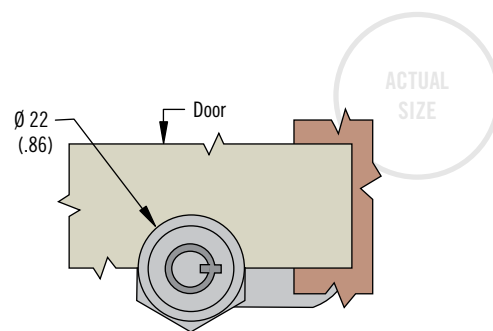
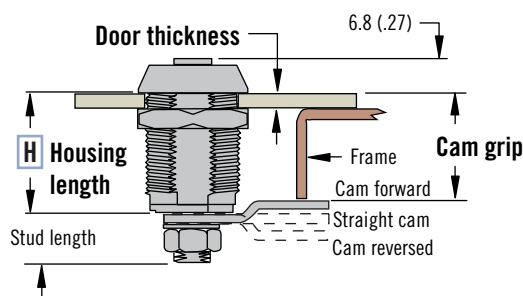
Installation Notes

See page 195

Accessories

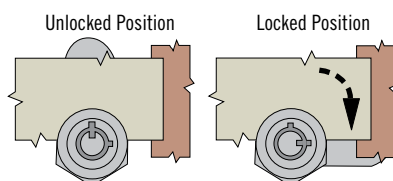
See page 193

Non-Sealed Pin Tumbler

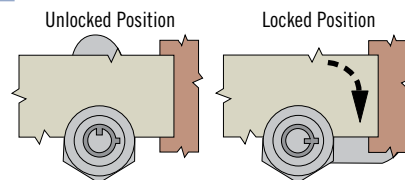


B - Key Removable in Locked / Unlocked Positions **L - Key Removable in Locked Positions Only**

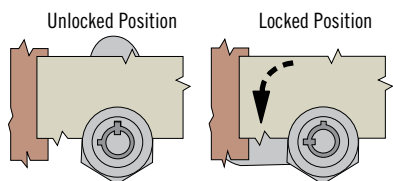
R 01 (Clockwise)



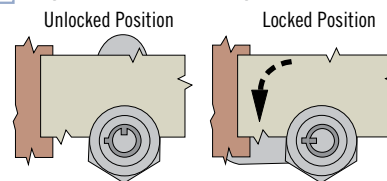
R 01 (Clockwise)



R 09 (Counter-Clockwise)



R 09 (Counter-Clockwise)



Part Number Selection

Lock part number (no cam)

Order lock and cam separately

Cam page 195

To select cam part number see grip
table page 195

R Rotation
01 Clockwise

09 Counter-clockwise

K Key removal

B Locked / unlocked removal

L Locked removal only

PT - 1 - H C1 R - 20 K - KC

H Housing Length Number	Housing Length	Stud Length	Max. Door Thickness
1	12.7 (.50)	8.9 (.35)	5.1 (.20)
2	17.5 (.69)	9.5 (.37)	10.9 (.43)
3	23.8 (.94)	9.5 (.37)	15.9 (.63)
4	30.5 (1.20)	9.5 (.37)	22.9 (.90)
5	36.5 (1.44)	9.5 (.37)	28.9 (1.14)

KC Key Code

KA Keyed alike T0001 (2 keys supplied)

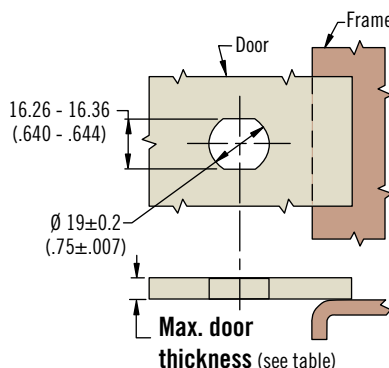
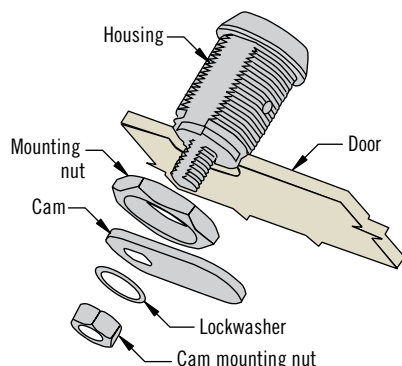
KD Keyed differently
50 key codes (T0001 to T0050)
provided in a non-master key system
(2 keys supplied)

PT Tubular Key Cam Locks

Cams & installation



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Installation Notes

1. Install mounting nut and tighten to 5 N•m (44 in•lbf) Max.
2. Install cam to assembly. Properly orient for rotation and grip.
3. Install lockwasher and cam mounting nut. Tighten to 2 N•m (18 in•lbf).

Material and Finish

Steel plated

1. In the **TAN** section, locate the cam grip calculated for your application. If your grip falls between two values, use the higher value.

Notes: For cam grips that can be achieved with multiple housing lengths, use the value that results in the shortest housing possible based on the Max. door thickness allowed.

2. From this value, move right horizontally into the **Gray** section and verify your door thickness falls within the Max. door thickness listed. Once this is verified, the housing length is selected and is illustrated by the housing length number.

3. Returning to your original grip value in the **TAN** section, move down vertically into the **GREEN** section. The **GREEN** section illustrates the cams that are appropriate for your grip.

4. By determining the required cam orientation and style in the **BLUE** section, the appropriate cam for your application is selected.

Part Number Selection

Order lock and cam separately

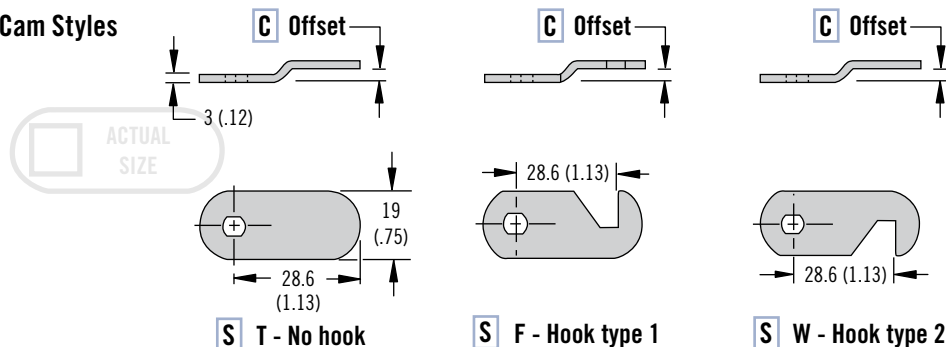
Cam part number (no lock)

For Lock selection see page 194

Cam Grip					Max. Door Thickness	Housing Length Number
19.0 (.75)	15.9 (.625)	12.7 (.500)	9.5 (.375)	6.4 (.250)	5.1 (.20)	1
23.8 (.938)	20.7 (.814)	17.5 (.689)	14.3 (.564)	11.2 (.439)	10.9 (.43)	2
30.1 (1.187)	27 (1.062)	23.8 (.938)	20.6 (.812)	17.5 (.689)	15.9 (.63)	3
36.8 (1.450)	33.7 (1.325)	30.5 (1.201)	27.3 (1.076)	24.2 (.951)	22.9 (.90)	4
42.8 (1.687)	39.7 (1.562)	36.5 (1.437)	33.3 (1.312)	30.2 (1.187)	28.9 (1.14)	5
Cam Part Number					Cam Orientation	
Cam Reversed		Straight	Cam Forward			
PT-T409	PT-T209	PT-T009	PT-T209	PT-T409	No Hook	
PT-W409	PT-W209	PT-F009	PT-F209	PT-F409	Left	
PT-F409	PT-F209	PT-W009	PT-W209	PT-W409	Right	

Also use the online configurator at www.southco.com

Cam Styles



S Cam Style

- T No hook
- F Hook type 1
- W Hook type 2

C Cam Offset

- 0 No offset
- 2 3.2 (.125)
- 4 6.4 (.250)

PT - S C 09

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Dimensions in millimeters (inch) unless otherwise stated



www.southco.com/PT

PT-1-1C109-20B-KA	PT-1-2C101-20L-024	PT-1-3C101-20L-035
PT-1-1C109-20B-KD	PT-1-2C101-20L-025	PT-1-3C101-20L-KA
PT-1-1C109-20L-001	PT-1-2C101-20L-026	PT-1-3C101-20L-KD
PT-1-1C109-20L-002	PT-1-2C101-20L-027	PT-1-3C109-20B-KA
PT-1-1C109-20L-003	PT-1-2C101-20L-028	PT-1-3C109-20B-KD
PT-1-1C109-20L-004	PT-1-2C101-20L-029	PT-1-3C109-20L-001
PT-1-1C109-20L-005	PT-1-2C101-20L-030	PT-1-3C109-20L-002
PT-1-1C109-20L-006	PT-1-2C101-20L-031	PT-1-3C109-20L-KA
PT-1-1C109-20L-007	PT-1-2C101-20L-032	PT-1-3C109-20L-KD
PT-1-1C109-20L-008	PT-1-2C101-20L-033	PT-1-4C101-20B-KA
PT-1-1C109-20L-009	PT-1-2C101-20L-034	PT-1-4C101-20B-KD
PT-1-1C109-20L-010	PT-1-2C101-20L-035	PT-1-4C101-20L-002
PT-1-1C109-20L-011	PT-1-2C101-20L-036	PT-1-4C101-20L-027
PT-1-1C109-20L-012	PT-1-2C101-20L-037	PT-1-4C101-20L-KA
PT-1-1C109-20L-013	PT-1-2C101-20L-038	PT-1-4C101-20L-KD
PT-1-1C109-20L-014	PT-1-2C101-20L-039	PT-1-4C109-20B-KA
PT-1-1C109-20L-015	PT-1-2C101-20L-040	PT-1-4C109-20B-KD
PT-1-1C109-20L-016	PT-1-2C101-20L-041	PT-1-4C109-20L-001
PT-1-1C109-20L-017	PT-1-2C101-20L-042	PT-1-4C109-20L-002
PT-1-1C109-20L-018	PT-1-2C101-20L-043	PT-1-4C109-20L-KA
PT-1-1C109-20L-019	PT-1-2C101-20L-044	PT-1-4C109-20L-KD
PT-1-1C109-20L-020	PT-1-2C101-20L-045	PT-1-5C101-20B-002
PT-1-1C109-20L-KA	PT-1-2C101-20L-046	PT-1-5C101-20B-KA
PT-1-1C109-20L-KD	PT-1-2C101-20L-047	PT-1-5C101-20B-KD
PT-1-2B101-20L-KA	PT-1-2C101-20L-048	PT-1-5C101-20L-002
PT-1-2B109-20L-KA	PT-1-2C101-20L-049	PT-1-5C101-20L-KA
PT-1-2C101-20B-002	PT-1-2C101-20L-050	PT-1-5C101-20L-KD
PT-1-2C101-20B-003	PT-1-2C101-20L-KA	PT-1-5C101-2L-KD
PT-1-2C101-20B-KA	PT-1-2C101-20L-KD	PT-1-5C109-20B-002
PT-1-2C101-20B-KD	PT-1-2C101-30B-KA	PT-1-5C109-20B-KA
PT-1-2C101-20L-001	PT-1-2C105-20L-KA	PT-1-5C109-20B-KD
PT-1-2C101-20L-002	PT-1-2C109-20B-001	PT-1-5C109-20L-001
PT-1-2C101-20L-003	PT-1-2C109-20B-002	PT-1-5C109-20L-002
PT-1-2C101-20L-004	PT-1-2C109-20B-KA	PT-1-5C109-20L-KA
PT-1-2C101-20L-005	PT-1-2C109-20B-KD	PT-1-5C109-20L-KD
PT-1-2C101-20L-006	PT-1-2C109-20L-001	PT-9-1B100-20B-KA
PT-1-2C101-20L-007	PT-1-2C109-20L-002	PT-A-04-01
PT-1-2C101-20L-008	PT-1-2C109-20L-005	PT-A-05-01
PT-1-2C101-20L-009	PT-1-2C109-20L-006	PT-A-09
PT-1-2C101-20L-010	PT-1-2C109-20L-010	PT-F009
PT-1-2C101-20L-011	PT-1-2C109-20L-038	PT-F209
PT-1-2C101-20L-012	PT-1-2C109-20L-KA	PT-F409
PT-1-2C101-20L-013	PT-1-2C109-20L-KD	PT-T009
PT-1-2C101-20L-014	PT-1-3B101-20L-KA	PT-T209
PT-1-2C101-20L-015	PT-1-3B101-20L-KD	PT-T409
PT-1-2C101-20L-016	PT-1-3B109-20L-KA	PT-W009
PT-1-2C101-20L-017	PT-1-3B109-20L-KD	PT-W209
PT-1-2C101-20L-018	PT-1-3C101-20B-005	PT-W409
PT-1-2C101-20L-019	PT-1-3C101-20B-015	
PT-1-2C101-20L-020	PT-1-3C101-20B-KA	
PT-1-2C101-20L-021	PT-1-3C101-20B-KD	
PT-1-2C101-20L-022	PT-1-3C101-20L-005	
PT-1-2C101-20L-023	PT-1-3C101-20L-006	