## UPDATED 2019



## A PERFECT FIT

## ABOUT GMS



Our commitments to quality, value, and customers' needs are the core values at GMS. Since inception, our business and reputation has been built on manufacturing the highest quality, most reliable products in the industry. With unwavering attention to detail, and meeting OEM specifications, we strive to make our products "The Perfect Fit" for all applications where our customers use our cylinders.

Our mission as a company is to be the preferred brand and market leader of lock cylinders and related products to aftermarket distributors and end users. We accomplish this by providing high quality, value priced products, with reliable and consistent service while bringing to the market new and innovative product solutions. In doing so we strive to operate in a respectful, honest and forthright manner with customers, suppliers, employees and other stakeholders in the company.

GMS continues to expand our product offering with needed alternatives to OEM products to fill customer needs. Our continued expansion of small and large format interchangeable core products provide our customers with high quality alternatives to high priced OEM products.

We pledge to provide our customers the best product, the best value, and best customer service in the industry so we can continue to be "The Perfect Fit" supplier for you.



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## **Numbering System**

The GMS numbering system is shown in each section of the catalog. The necessary information required to ensure that you receive the right product each and every time is shown. In creating our numbering system we have attempted to make the numbering system as descriptive and intuitive as possible. All the information such as product type, length, keyway, finish, cam and keying requirements can easily be built into the product number of the product you desire.

## Keying

GMS offers a wide array of keying options. Cylinders are usually stocked keyed alike in pairs. We also offer keyed random and zero bitted cylinders in a wide array of products. The cylinders are packaged with uncut keys to be used when pinning the cylinder. GMS also offers Master Keying, Grand Master Keying, Construction Keying and numerous other options. Please contact us for details.

## **Specifications**

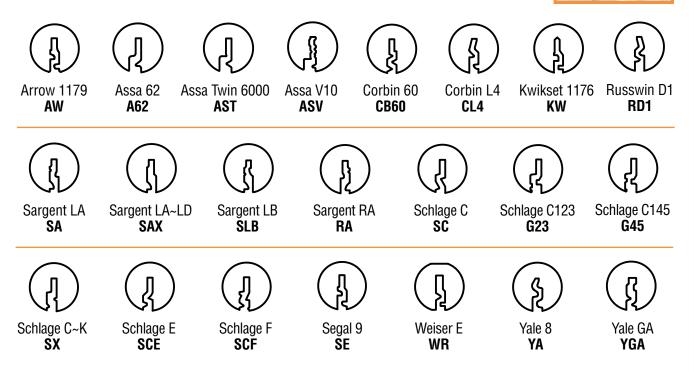
GMS cylinders are designed, engineered and manufactured to OEM specifications. This is something we do not compromise on. As a result you can have the utmost confidence that when keying into a system you will maintain the integrity of the system. Our cylinders will have the exact depth and spacing as originals at a fraction of the cost.

## **Finishes**



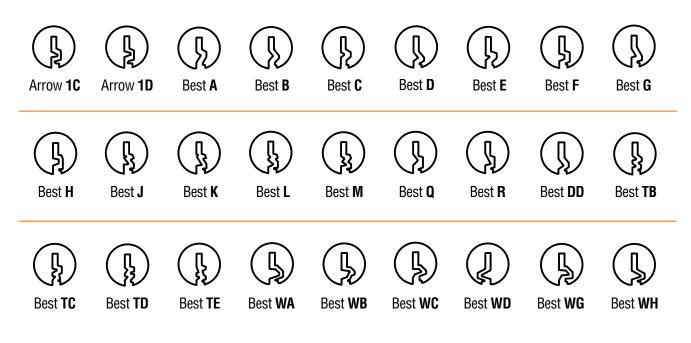
## **Standard Keyways**

GMS manufactures the keyways shown below as part of our standard offering. All of the keyways are designed to meet the OEM specification.



## Small Format Interchangeable Core Keyways

GMS meets the precise tolerances required for SFIC Cores. Precision manufacturing means that there will not be any key interchange when using these products.

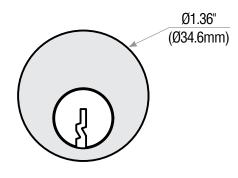


## MORTISE CYLINDERS

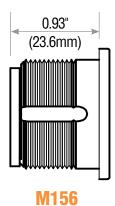
- > Exact pinning specifications as original systems
- Solid brass construction
- > 22 keyways
- ▶ 6 popular lengths
- ▶ 7 popular cams
- Available in eight finishes

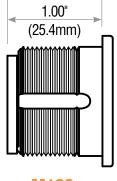
Model #	Туре	Length
M156	Mortise cylinder	15/16" length
M100	Mortise cylinder	1" length
M118	Mortise cylinder	1-1/8" length
M114	Mortise cylinder	1-1/4" length
M138	Mortise cylinder	1-3/8" length
M112	Mortise cylinder	1-1/2" length



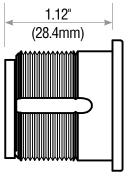


Custom lengths available, call for details.

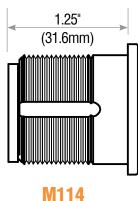




M100

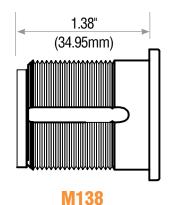


M118









1.5" (38.15mm) M112

## **Mortise Cylinder Schematic Drawing**

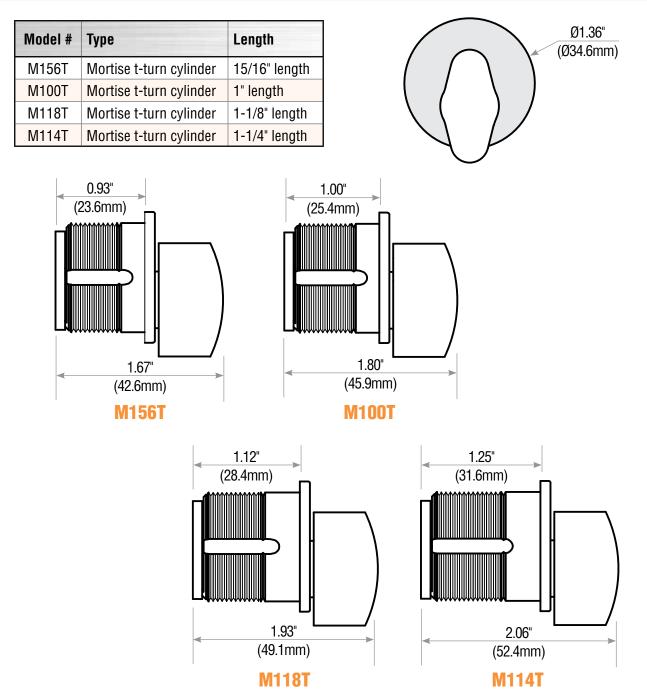
	Spring		Spring	g Cover			
	ottom Pin		Top Pir	1			
Screw Cam					Face Co	over	
How to Order Mortis	lousing	dars			\$100	_	lug
	c Uyiiii	ucið					J
	Keyway						)/
Arrow 1						US I	
Assa	62 <b>A62*</b>						
Assa Twin 6							
Assa V Corbin							
Corbin	L4 CL4						
Kwikset 1							
Russwin Sargent							
Sargent LA-	LD SAX						
Sargent							
Sargent Schlag					Cam		Keying
Schlage C	23 G23*		Finish	Almet	AL	Keyed alike	A2
Model # Schlage C Schlage C		Polished Brass Satin Brass	3 4	AdamsRite AdamsRite & Yale	AR At	in pairs	A2-6**
15/16" Mortise M156 Schlag		Satin Bronze	4 10	Best	BE	Zero bitted	OB OB-6**
1" Mortise M100 Schlag	e F SCF	Satin Nickel	15	Corbin	CL	Keyed	KD
1-1/8" Mortise         M118         Seg           1-1/4" Mortise         M114         Weise		Polished Chrome Satin Chrome	26 26D	Sargent Schlage	SA Sl	different	KD-6**
	e 8 YA	Stainless Steel	32D	Yale	ST	Special	KS
1-1/2" Mortise <b>M112</b> Yale		Oil Rubbed Bronze	10B	Falcon/Saflok	TS	keying	KS-6**
M118	WR		26D		ST		A2

\*No key for A62, AST, ASV, G23 and G45 keyways. \*\*Cylinders are 6 pin.

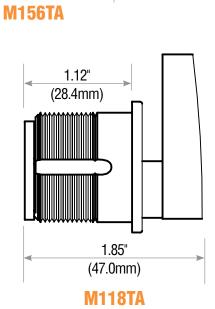
## MORTISE T-TURN CYLINDERS

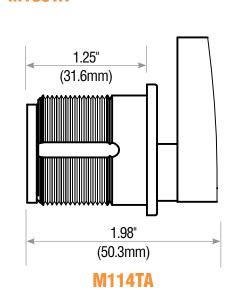
- Solid brass construction
- 4 popular lengths
- 7 popular cams
- > Ergonomic turn knob provides easy turning
- Available in 8 finishes
- > TA version is for ADA applications

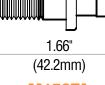


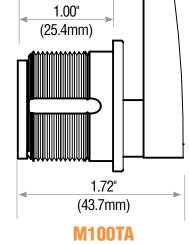




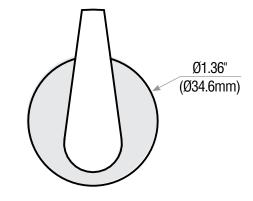






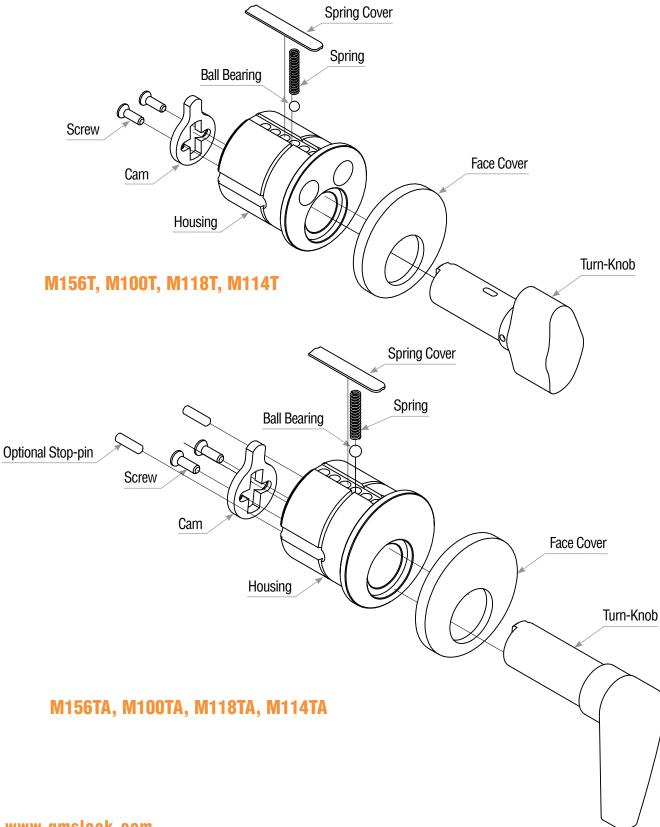


Model #	Туре	Length
M156TA	Mortise t-turn cylinder	15/16" length
M100TA	Mortise t-turn cylinder	1" length
M118TA	Mortise t-turn cylinder	1-1/8" length
M114TA	Mortise t-turn cylinder	1-1/4" length
	93" Smm)	< <u>1.</u> (25.4



## MORTISE T-TURN CYLINDERS

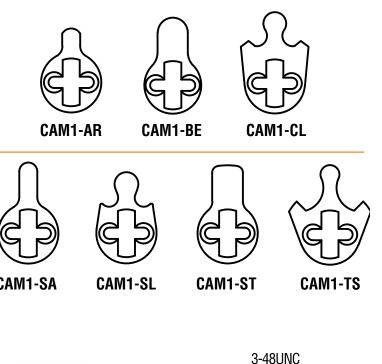
## **Mortise T-Turn Cylinder Schematic Drawing**



## **Cams for Mortise and Mortise T-Turn Cylinders**

The cams shown below are actual size. All cams are interchangeable on GMS Mortise Cylinders and Mortise T-Turn Cylinders. Locktite is used in combination with the mortise screws to provide exceptional holding of the cam to the cylinder plug. CAM4 is to be used with G23, G45, A62, AST and ASV keyways.

	Description	Cam #
	AdamsRite Cam	CAM1-AR
	Best Cam	CAM1-BE
	Corbin Cam	CAM1-CL
]	Sargent Cam	CAM1-SA
	Schlage Cam	CAM1-SL
	Yale Cam	CAM1-ST
	Falcon/Saflok Cam	CAM1-TS
	AdamsRite Cam	CAM4-AR
	Corbin Cam	CAM4-CL
9	Sargent Cam	CAM4-SA
	Schlage Cam	CAM4-SL
CA	Yale Cam	CAM4-ST
]	Falcon/Saflok Cam	CAM4-TS



⊕

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## **Mortise Cylinder Cam Screw**

These screws fit all GMS mortise cylinders.





## How to Order Mortise Dummy and T-Turn Knob Cylinders

Model #				
15/16" Mortise Dummy M156D				
1" Mortise Dummy M100D				
1-1/8" Mortise Dummy M118D		Planta b		0
1-1/4" Mortise Dummy M114D		Finish		Cam
15/16" Mortise T-Turn M156T	Polished Brass	3	Almet	AL
1" Mortise T-Turn M100T	Satin Brass	4	AdamsRite	AR
1-1/8" Mortise T-Turn M118T	Satin Bronze	10	Best	BE
1-1/4" Mortise T-Turn M114T	Satin Nickel	15	Corbin	CL
15/16" Mortise T-Turn M156TA	Polished Chrome	26	Sargent	SA
1" Mortise T-Turn M100TA	Satin Chrome	26D	Schlage	SL
1-1/8" Mortise T-Turn M118TA	Stainless Steel	32D	Yale	ST
1-1/4" Mortise T-Turn M114TA	Oil Rubbed Bronze	10B	Falcon/Saflok	TS
M156T		26D		ST

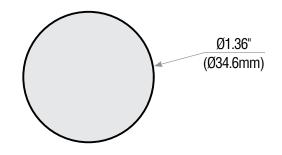
\*When ordering dummy cylinders do not order cam.

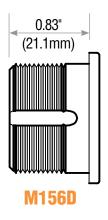
MORTISE DUMMY CYLINDERS

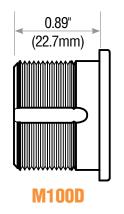
- Non-hollow solid brass construction
- 4 popular lengths
- Exact threads
- Available in 8 finishes

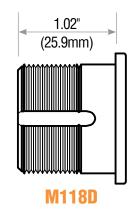


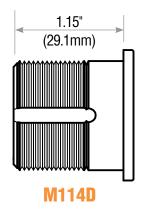
Model #	Туре	Length
M156D	Mortise dummy cylinder	15/16" length
M100D	Mortise dummy cylinder	1" length
M118D	Mortise dummy cylinder	1 1/8" length
M114D	Mortise dummy cylinder	1 1/4" length







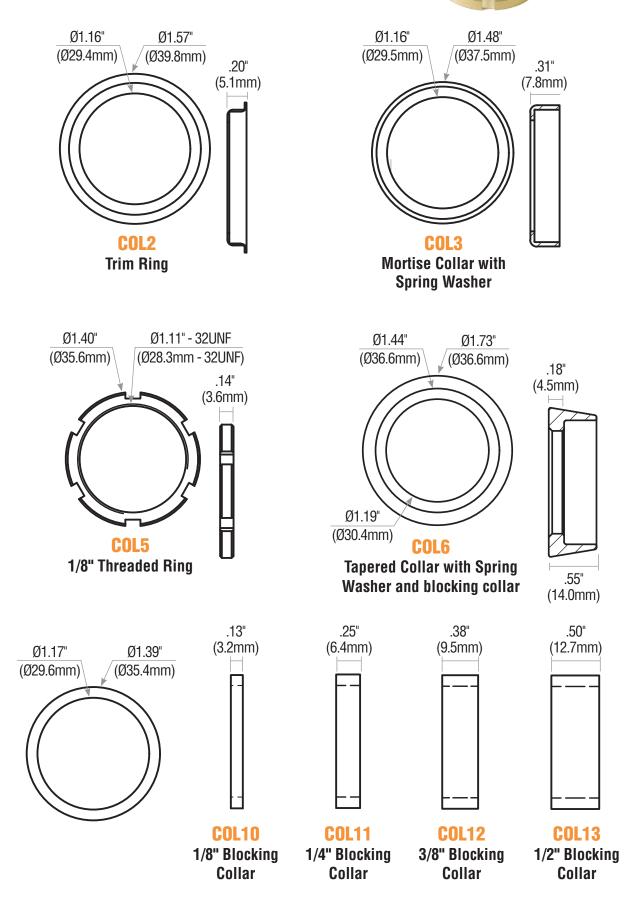






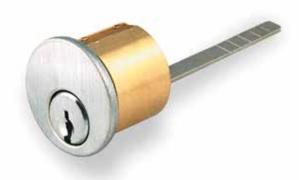
## **Collars for Mortise Cylinders**

All GMS collars fit standard mortise cylinders and mortise t-turn cylinders. Collars are available in 3,10B and 26D finish only.

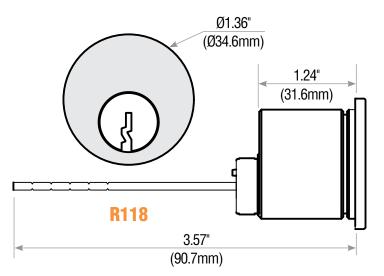


## RIM CYLINDERS

- > Exact pinning specifications as original systems
- Solid brass construction
- 22 keyways
- > Tailpiece converts between horizontal & vertical positions
- Screw-on retaining cap design



Model #	Туре	Length
R118	Rim cylinder	1 1/8" length

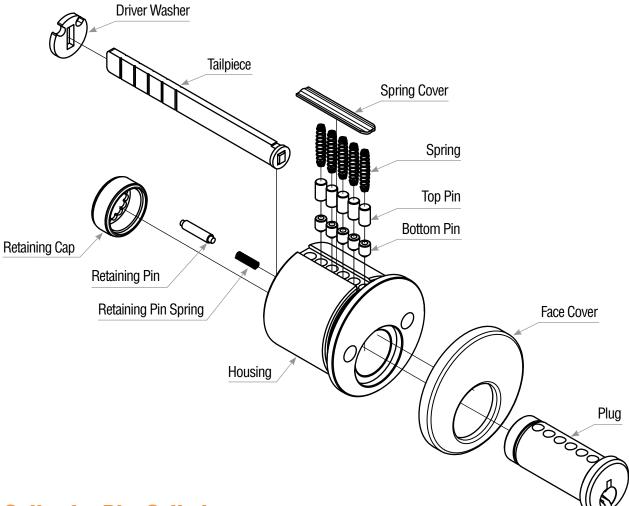


## How to Order Rim Cylinders

	Keyway				
Arrow 1179	AW				
Assa 62	A62*				
Assa Twin 6000	AST*				
Assa V10	ASV*				
Corbin 60	CB				
Corbin L4	CL4				
Kwikset 1176	KW				
Russwin D1	RD1				
Sargent LA	SA				
Sargent LA~LD	SAX				
Sargent LB	SLB				
Sargent RA	RA				Keying
Schlage C	SC		Finich		
Schlage C123	G23*		Finish	Keyed alike	A2
Schlage C145	G45*	Polished Brass	3	in pairs	A2-6**
Schlage C~K		Satin Brass	4	Zero	OB
Schlage E	SCE	Satin Bronze	10	bitted	OB-6**
Schlage F	SCF	Satin Nickel	15	Keyed	KD
Segal 9	SE	Polished Chrome	26	different	KD-6**
Weiser E Model #	WR	Satin Chrome	26D		
rale o	YA	Stainless Steel	32D	Special	KS
1-1/8" Rim <b>R118</b> Yale GA	YGA	Oil Rubbed Bronze	10B	keying	KS-6**
R118	WR		<b>26D</b>		<b>A2</b>

\*No key for A62, AST, ASV, G23 and G45 keyways. \*\*Cylinders are 6 pin.

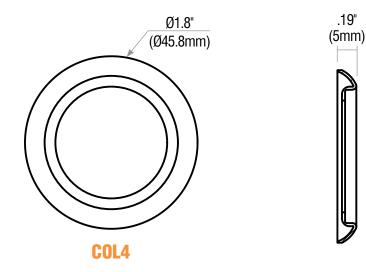
## **Rim Cylinder Schematic Drawing**



## **Collar for Rim Cylinder**

Attractive collar finishes off any application.

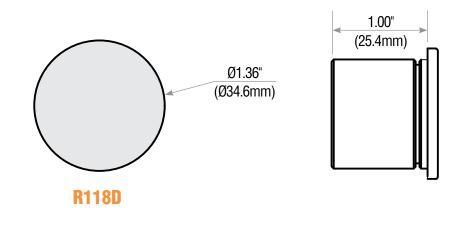
Comes in polished brass (3), satin chrome (26D) and oil rubbed bronze (10B) finishes.



- Non-hollow solid brass housing
- Furnished with collar, mounting plate & screws



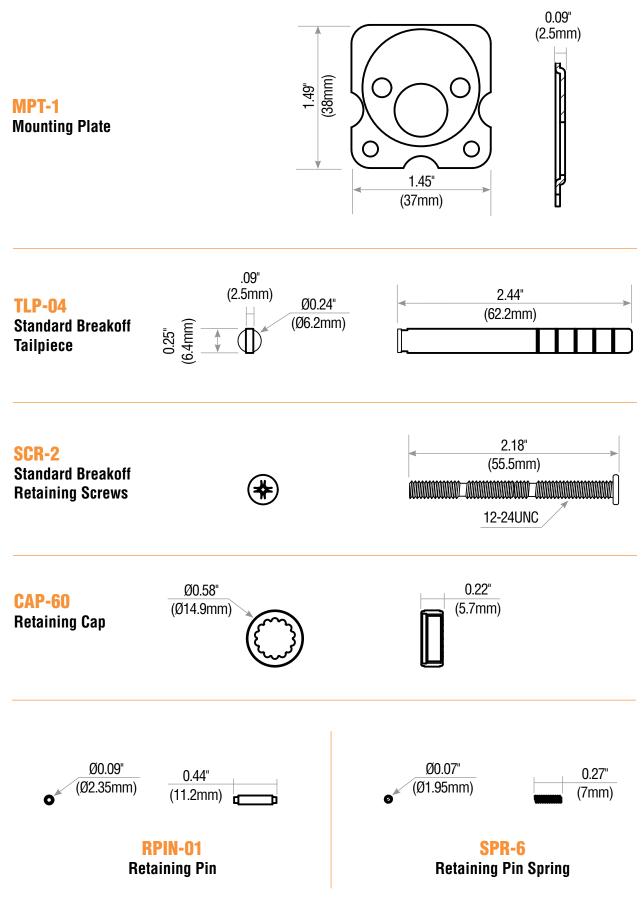
Model #	Туре	Length
R118D	Rim dummy cylinder	1 1/8" length



## How to Order Rim Dummy Cylinders

			Finish
		Polished Brass	3
		Satin Brass	4
		Satin Bronze	10
		Satin Nickel	15
		Polished Chrome	26
	Model #	Satin Chrome	26D
		Stainless Steel	32D
1-1/8" Rim Dummy	R118D	Oil Rubbed Bronze	10B
	R118D		26D

## **Rim Cylinder Accessories**



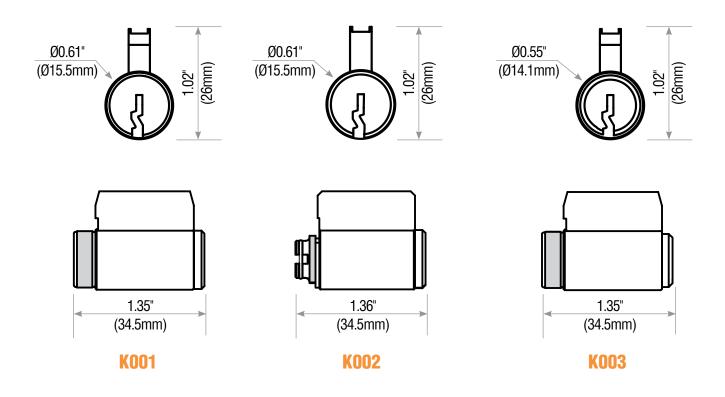
## KNOB/LEVER CYLINDERS

- Exact pinning specifications as original systems
- Solid brass construction
- 22 keyways
- Available in 2 finishes
- Supplied with multiple tailpieces
- Screw-on retaining cap design (except K002)



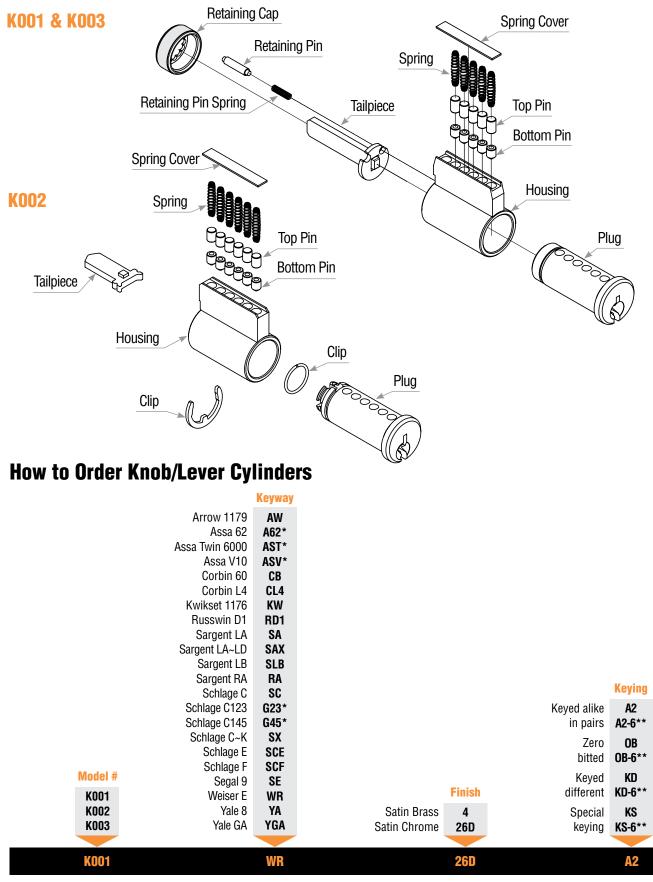
Model #	Туре	Fits	Tailpieces
K001	Knob/Lever cylinder	Schlage knobs, levers, deadbolts and Yale levers*	5 tailpieces
K002	Knob/Lever cylinder	Fits Arrow knobs and levers	3 tailpieces
K003	Knob/Lever cylinder	Fits Sargent levers	3 tailpieces

\* Converts to fit Yale levers with KIT-K001YA (page 17).



# KNOB/LEVER CYLINDERS AND ACCESSORIES

## **Knob/Lever Cylinder Schematic Drawing**



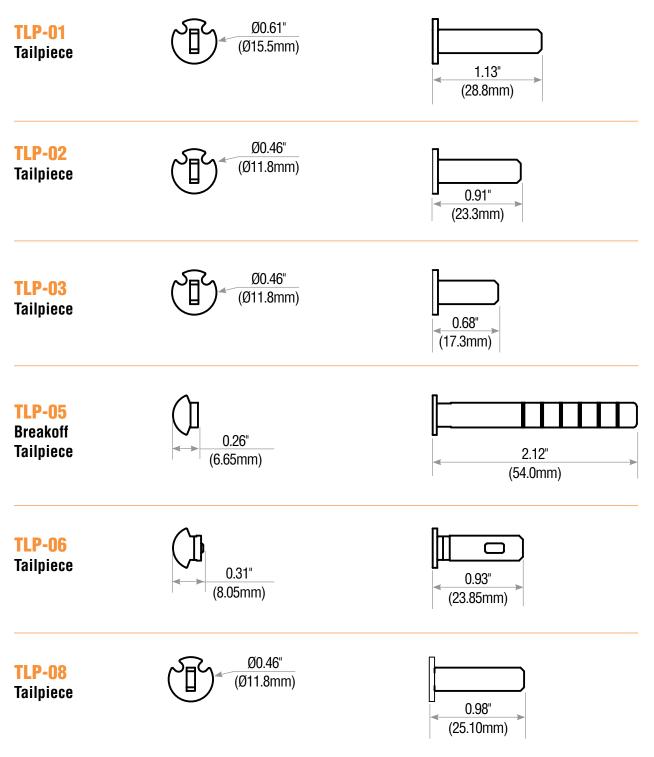
\*No key for A62, AST, ASV, G23 and G45 keyways. \*\*Cylinders are 6 pin.

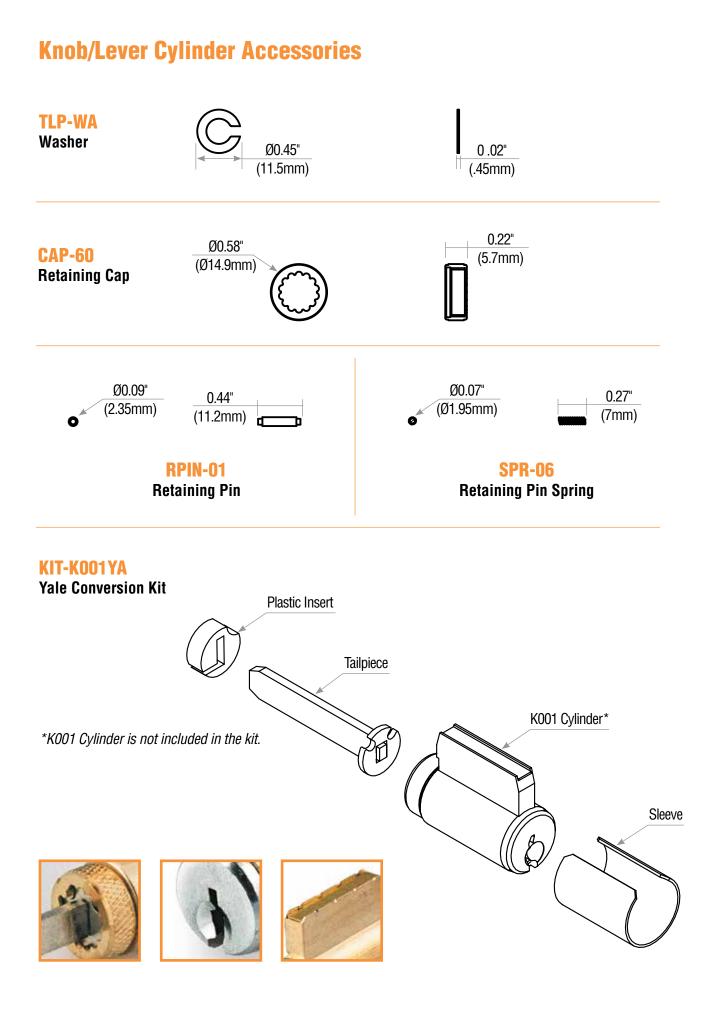
## KNOB/LEVER CYLINDERS



## **Tailpieces**

GMS manufactures multiple tailpieces to accommodate different applications. All tailpieces are plated hardened steel for durability.



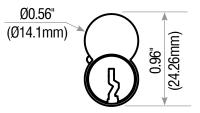


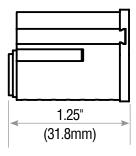
## SMALL FORMAT IC CORE

- Compatible with housings from Arrow, Best, Falcon and KSP
- Available in 6 or 7 pin lengths
- Cores are available combinated and un-combinated (Additional lead time and cost for combinated cores.)
- 27 keyways
- Available in 5 finishes

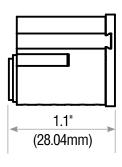


Model #	Туре
IC	Small format interchangeable core





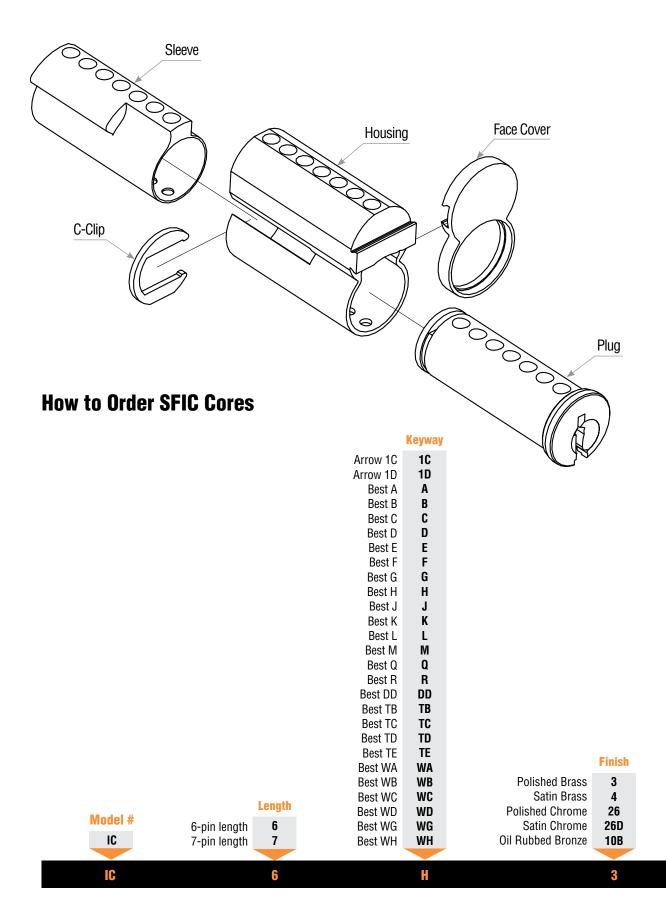
IC7



IC6



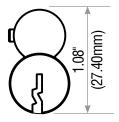
## **SFIC Core Schematic Drawing**

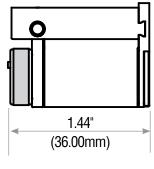


- Solid brass construction
- ▶ Replaces Schlage large format IC core
- Available in 6-pin only
- > Two finishes: satin chrome and satin brass
- 6 popular keyways

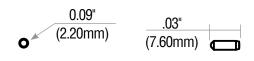


Model #	Туре
LFIC	Large format interchangeable core







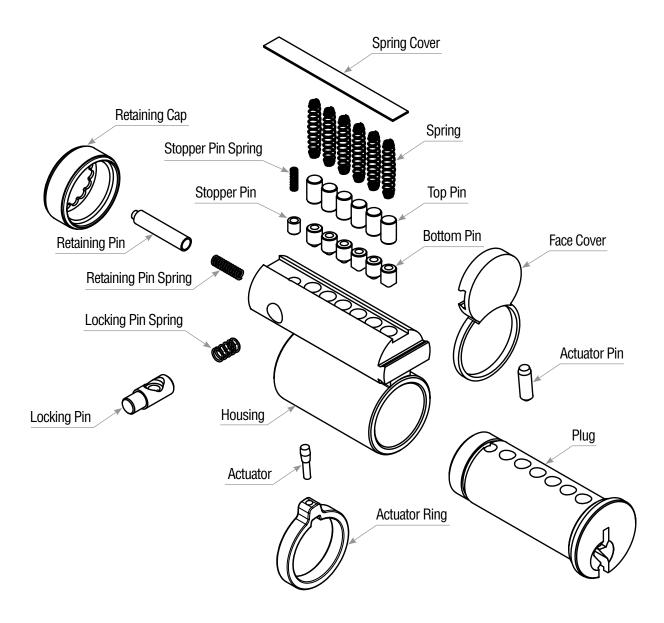


RPIN-02 Retaining Pin

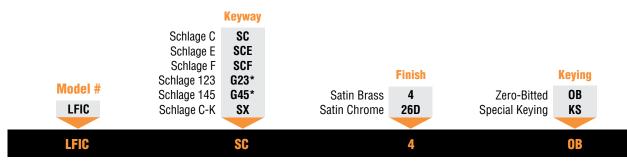


## LARGE FORMAT IC CORE

## **LFIC Core Schematic Drawing**



## **How to Order LFIC Cores**



\*No key for G23 and G45 keyways.

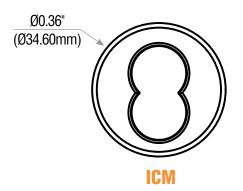
## SMALL FORMAT MORTISE IC HOUSING

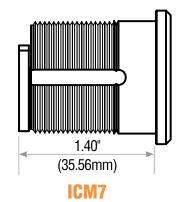
- Compatible with cores from Arrow, Best, Falcon and KSP
- Interchangeable cams provide flexibility
- Solid brass construction
- > 7 popular cams available

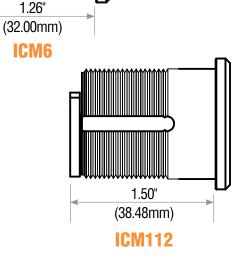


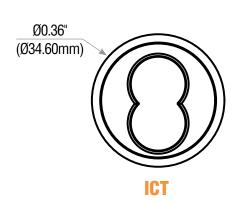
Model #	Туре
ICM	IC Mortise Housing, Straight
ICT	IC Mortise Housing, Tapered

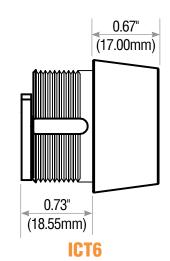
## See page 27 for cams.

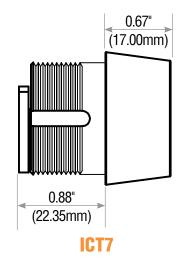




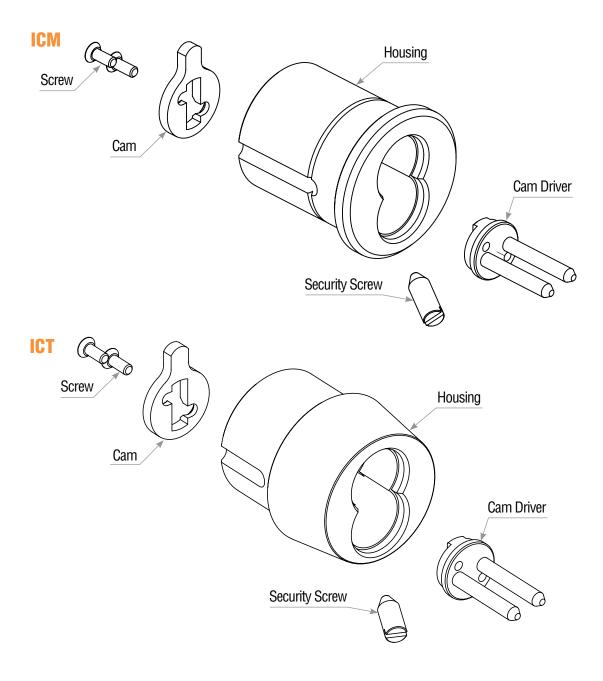








## **Small Format Mortise IC Housing Schematic Drawings**



## **How to Order SFIC Mortise Housings**

					Finish	Almet	AL
				Polished Brass	3	AdamsRite	AR
				Satin Brass	4	Corbin	CL
				Satin Bronze	10	Best	BE
				Satin Nickel	15	Sargent	SA
	Model #		Length	Polished Chrome	26	Schlage	SL
Best IC Mortise Housing, Straight	ICM	6-pin length	6	Satin Chrome	26D	Yale	ST
Best IC Mortise Housing, Tapered	ICT	7-pin length	7	Oil Rubbed Bronze	10B	Falcon/Saflok	TS
	ICM		6		26D		AR

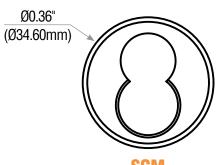
Cam

## LARGE FORMAT MORTISE IC HOUSING

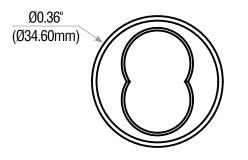
- Compatible with original large format IC cores
- Interchangeable cams
- Solid brass contruction
- > 7 popular cams available

Model #	Туре
ССМ	LF Corbin IC Mortise Housing, Straight
SCM	LF Sargent IC Mortise Housing, Straight
ICS	LF Schlage IC Mortise Housing, Straight
YCM	LF Yale IC Mortise Housing, Straight
MCM	LF Medeco IC Mortise Housing, Straight

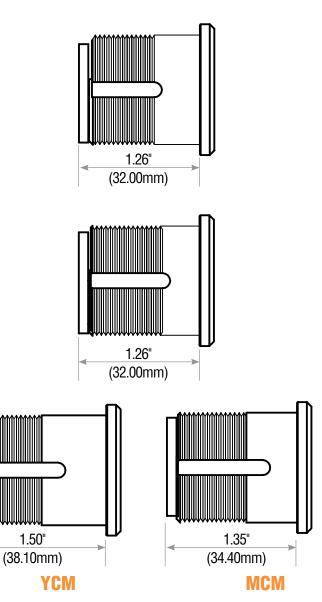
Ø0.36" (Ø34.60mm)





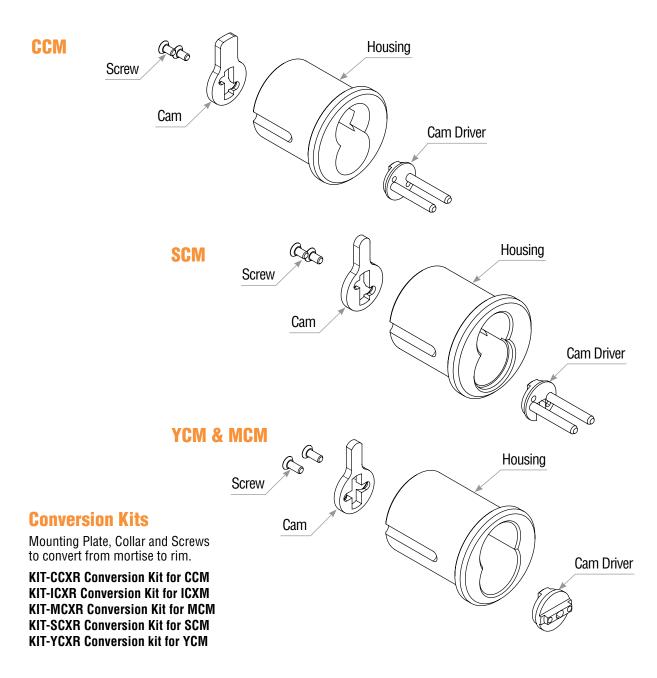


See page 28 for ICS specifications. See page 29 for cams.





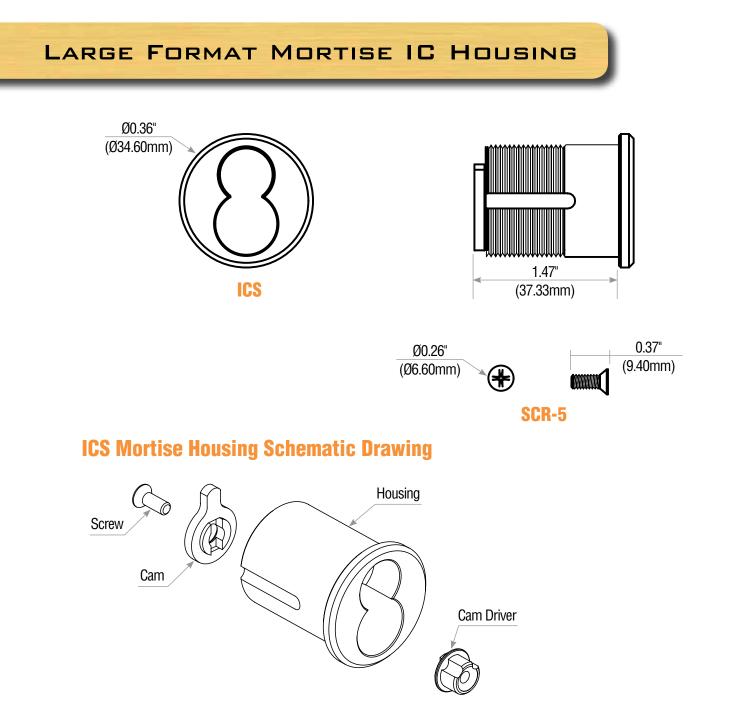
## **LFIC Mortise Housing Schematic Drawings**



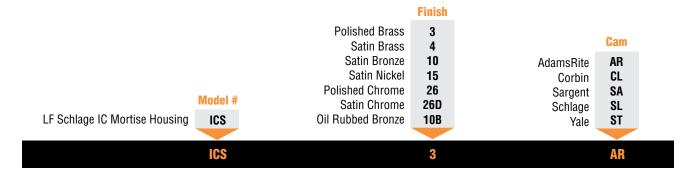
## **How to Order LFIC Mortise Housings**

			Finish		Cam
		Polished Brass	3	AdamsRite	AR
		Satin Brass	4	Corbin	CL
	Model #	Satin Bronze	10	Best	BE
LF Corbin IC Mortise Housing, Straight	ССМ	Satin Nickel	15	Sargent	SA
LF Sargent IC Mortise Housing, Straight	SCM	Polished Chrome	26	Schlage	SL
LF Yale IC Mortise Housing, Straight	YCM	Satin Chrome	26D	Yale	ST
LF Medeco IC Mortise Housing, Straight	МСМ	Oil Rubbed Bronze	10B	Falcon/Saflok	TS
		```			
	CCM		3		AL

See next page for ICS order information.



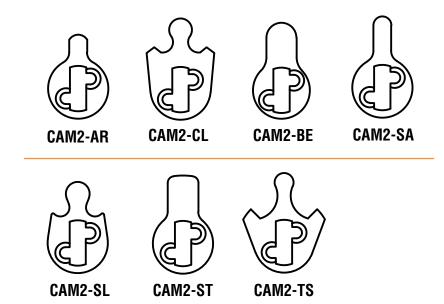
## **How to Order ICS Large Format Mortise Housings**



## **Cams for SFIC & LFIC Mortise Housings (except for ICS and YCM)**

The cams shown below are actual size.

Cam #	Description
CAM2-AR	AdamsRite Cam
CAM2-CL	Corbin Cam
CAM2-BE	Best Cam
CAM2-SA	Sargent Cam
CAM2-SL	Schlage Cam
CAM2-ST	Yale Cam
CAM2-TS	Falcon/Saflok Cam

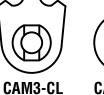


## **Cams for ICS Large Format IC Housings**

The cams shown below are actual size.

Cam #	Description
CAM3-AR	AdamsRite Cam
CAM3-CL	Corbin Cam
CAM3-SA	Sargent Cam
CAM3-SL	Schlage Cam
CAM3-ST	Yale Cam

CAM3-AR



CAM3-SA





YCM mortise housing uses Cam1, see page 7.

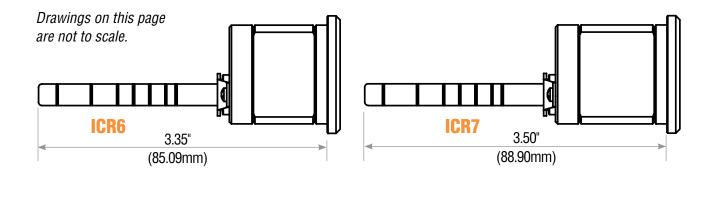


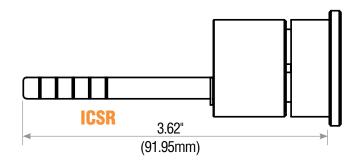
## SMALL & LARGE FORMAT RIM IC HOUSING

- ICR and ICXM is compatible with cores from Arrow, Best, Falcon and KSP
- ▶ ICSR is compatible with Schlage large format IC cores
- Furnished with collar, mounting plate & screws
- Tailpiece converts between horizontal & vertical positions
- Solid brass construction

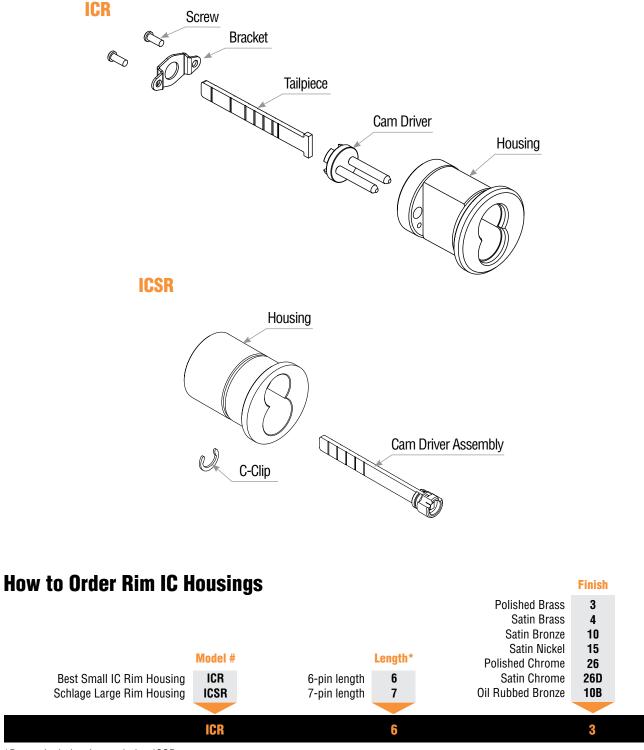


Model #	Туре	Ø0.36" (Ø34.60mm)
ICR	Best Small IC Rim Housing	
ICSR	Schlage Large Rim Housing	





## **Rim IC Housing Schematic Drawings**

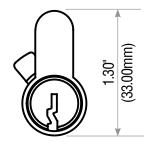


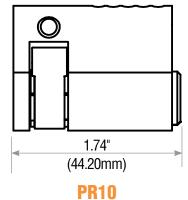
\*Do not include when ordering ICSR.

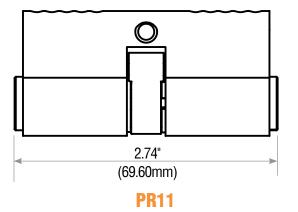
- Solid brass construction
- Removable pin chamber set-screws for easy rekeying
- ▶ 3 configurations available
- Drilled 5, pinned 5

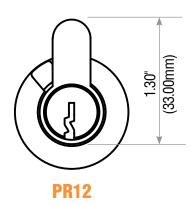


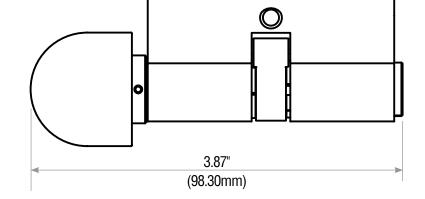
Model #	Туре		
PR10 Single Profile Cylinder			
PR11Double Profile CylinderPR12Double Profile Cylinder with Thumb Tu			



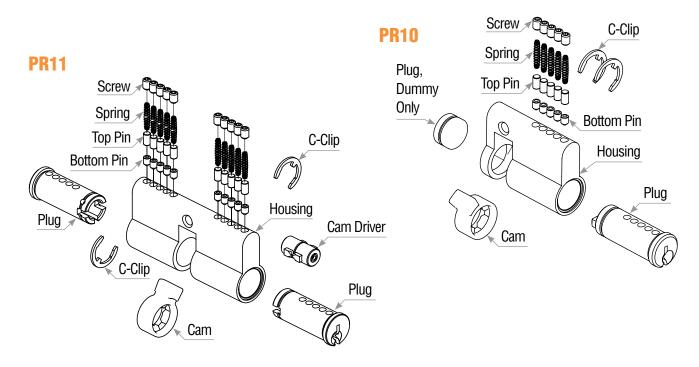




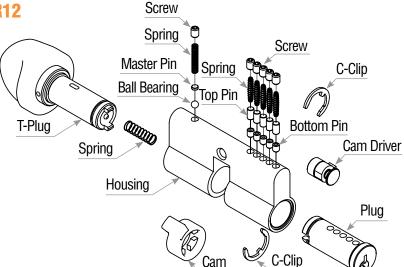




## **Profile Cylinder Schematic Drawing**



**PR12** 



Cam

## **How to Order Profile Cylinders**



## STANDARD PADLOCK

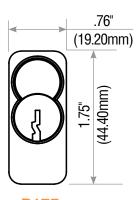
- Solid brass body, non-key retaining
- Double ball bearing locking
- 22 keyways
- Hardened shackle
- 3 shackle sizes
- Can be ordered body only\*

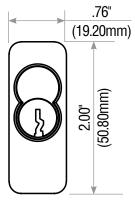


Model #	Туре	Shackle Diameter	
P175	1-3/4" wide body	5/16" shackle diameter	
P200	2" wide body	3/8" shackle diameter	

\*Accepts K001 cylinders

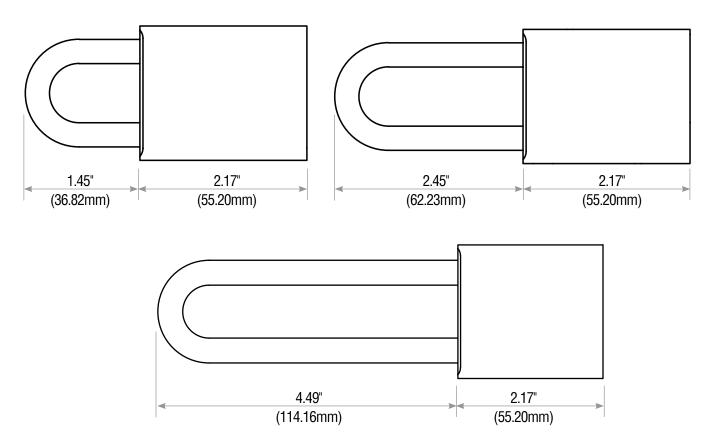
Drawings on this page are not to scale.



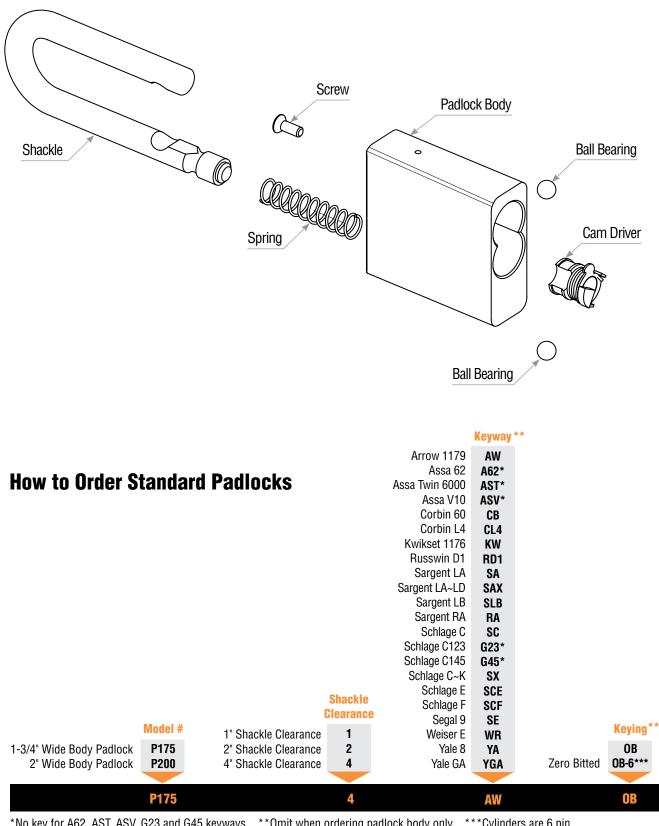


**P175** 

**P200** 



## **Standard Padlock Schematic Drawing**



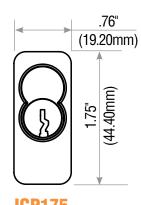
\*No key for A62, AST, ASV, G23 and G45 keyways. \*\*Omit when ordering padlock body only. \*\*\*Cylinders are 6 pin.

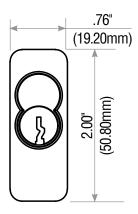
## IC CORE PADLOCK

- Solid brass body, non-key retaining
- Double ball bearing locking
- Hardened shackle
- 3 shackle sizes
- Body accepts 6 or 7 pin IC core

Model #	Туре	Shackle Diameter
ICP175	1-3/4" wide body	5/16" shackle diameter
ICP200	2" wide body	3/8" shackle diameter

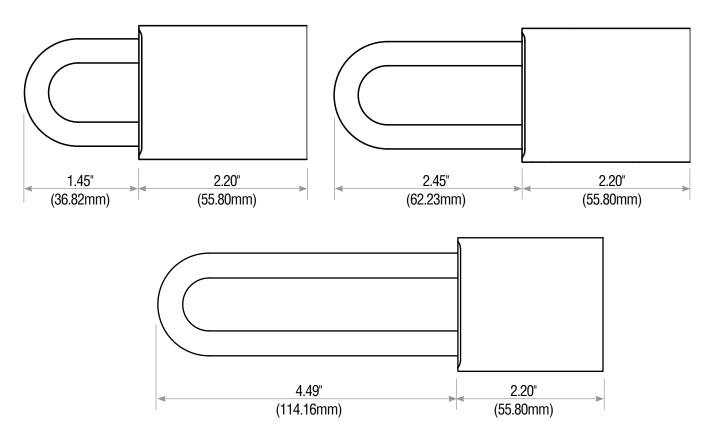
Drawings on this page are not to scale.





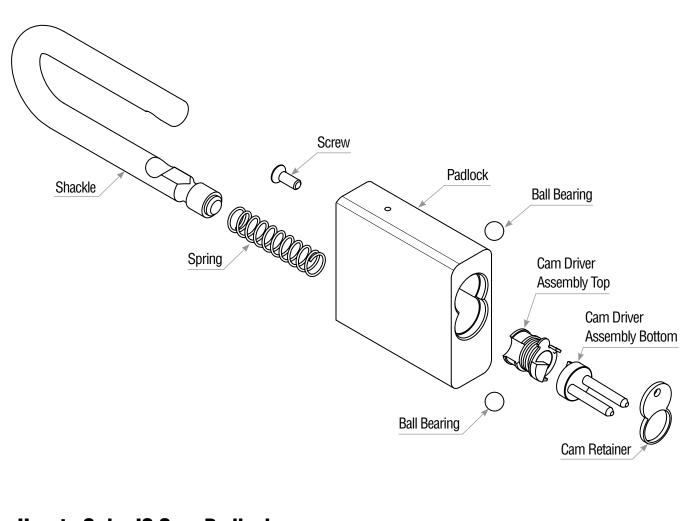
**ICP175** 

**ICP200** 



## IC CORE PADLOCK

## **IC Core Padlock Schematic Drawing**



## How to Order IC Core Padlocks

			Shackle Clearance
	Model #	1" Shackle Clearance	1
1-3/4" Wide Body IC Core Padlock	ICP175	2" Shackle Clearance	2
2" Wide Body IC Core Padlock	ICP200	4" Shackle Clearance	4
	ICP175		4



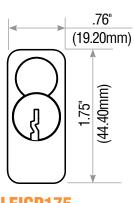
## LFIC CORE PADLOCK

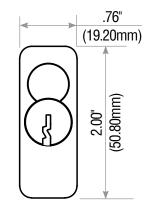
- Solid brass body, non-key retaining
- Double ball bearing locking
- Hardened shackle
- 3 shackle sizes
- Body accepts Schlage style large format IC cores



Model #	Туре	Shackle Diameter
LFICP175	1-3/4" wide body	5/16" shackle diameter
LFICP200	2" wide body	3/8" shackle diameter

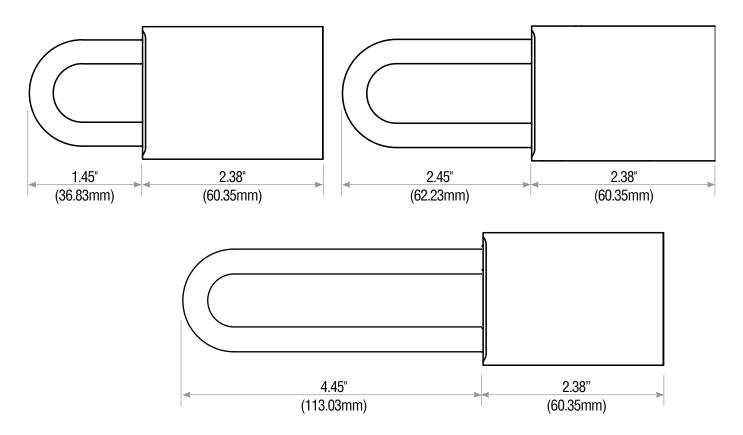
Drawings on this page are not to scale.



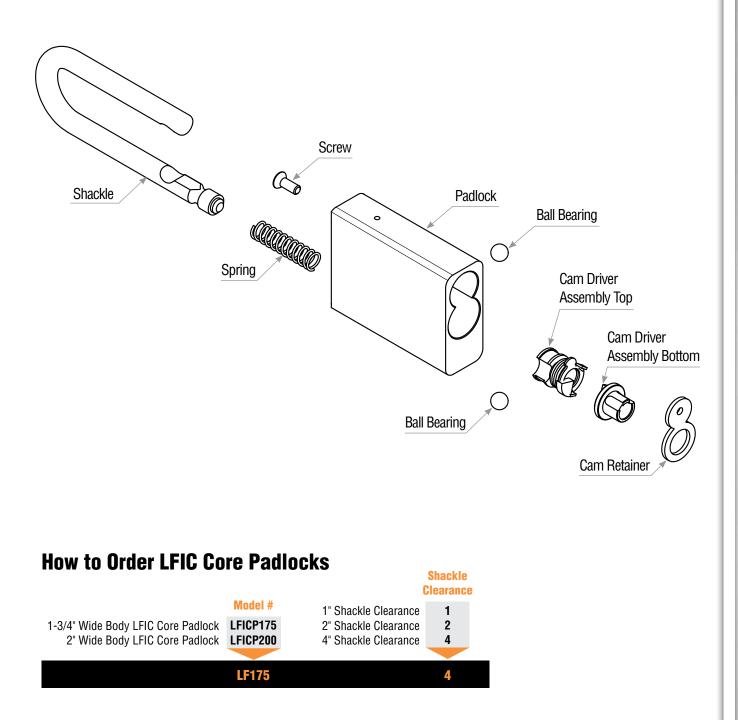


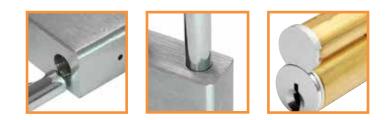
LFICP175

LFICP200



## **LFIC Core Padlock Schematic Drawing**





KEY BLANKS

- Made of solid brass
- ▶ Keys bow design is same as originals
- Meet OEM specifications



Arrow KB5AWPB-50 KB6AWPB-50



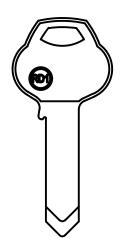
Corbin 60 KB5CBPB-50 KB6CBPB-50



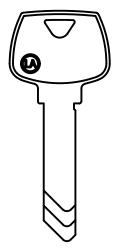
Corbin L4 KB5CL4PB-50 KB6CL4PB-50



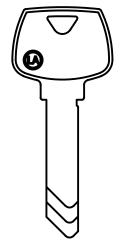
Kwikset KB5KWPB-50 KB6KWPB-50



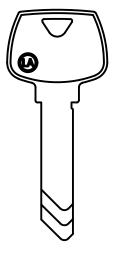
Russwin D1 KB5RD1PB-50 KB6RD1PB-50



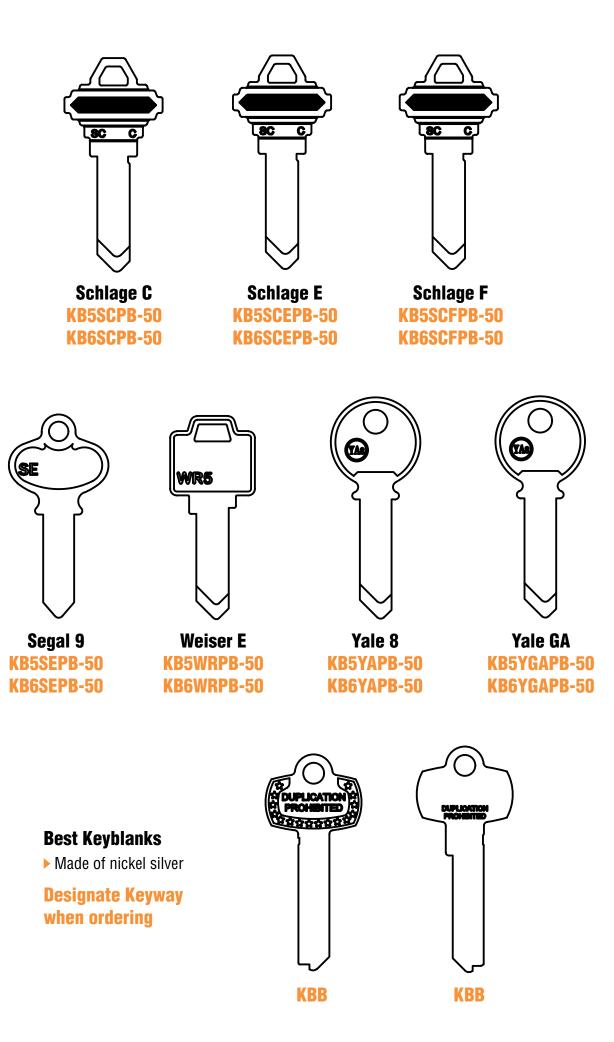
Sargent LA KB5SAPB-50 KB6SAPB-50



Sargent LB KB5SLBPB-50 KB6SLBPB-50



Sargent RA KB5RAPB-50 KB6RAPB-50



## NOTES






UNITED STATES 2000 - 124th Ave. NE, Ste B105 Bellevue, WA 98005 **CANADA** 170 - 12860 Clarke Place Richmond, BC V6V 2H1

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## A PERFECT FIT