40 Series Mortise Cylinders and 34 Series Rim Cylinders
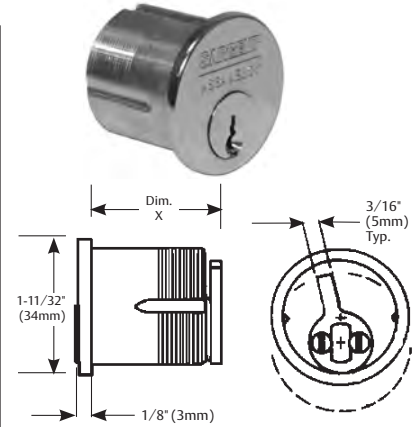
Cylinders and Components

SARGENT®

ASSA ABLOY

40 Series Mortise Cylinder

- Cylinder: Solid brass, 1-5/32" (29mm) diameter
- Cap: Brass, bronze or stainless steel
- Furnished standard with No. 97 rosette and compression spring
- Optional Collars/Spacers available and ordered separately, refer to product catalogs for additional information
- See Cam Chart on Page 6 for cam required
- 6 pin standard; for 7 pin specify "7 pin", size 42 minimum
- No. 41 cylinder not available in 7 pin
- Mortise cylinder assemblies that are ordered without hardware are supplied with standard SARGENT offset cam 13-0664
- Cylinder finishes: 3, 4, 9, 10, 10B, 10BE, 10BL, 15, 20D, 32, 32D
- Plug finishes: 4, 15

Cylinder No.	Length under cylinder head									
	41	42	43	44	46	48	50	52	54	56
Dim. X	1-1/8"	1-1/4"	1-3/8"	1-1/2"	1-3/4"	2"	2-1/4"	2-1/2"	2-3/4"	3"
	(29mm)	(32mm)	(35mm)	(38mm)	(44mm)	(51mm)	(57mm)	(64mm)	(70mm)	(76mm)

Dim. X

3/16" (5mm) Typ.

1-11/32" (34mm)

1/8" (3mm)

50-40 Series Hotel Type Cylinder

Features same as standard 40 Series cylinders except:
- For use with 7850 or 8250 lock only
- 6 pin only
- Contact factory for compatibility requirements for existing 6 pin systems
- Uses only cam #115 (13-2045)
- Guest and Master keys will only retract the latch bolt but not project or retract the dead bolt
- Emergency keys (catalog # 7268 EMK) retract the latchbolt and deadbolt and can also project the deadbolt
- C Series keyways supplied standard, specify if different keyway is required. On 1 bitted or KD, CA key way will be supplied if not otherwise specified
- Consult Sargent Key records dept. when adding Hotel cylinders to existing key systems for compatibility
- Length under cylinder head (Dim. X)
  50-43 1-3/8" (35mm); 50-44 1-1/2" (38mm)

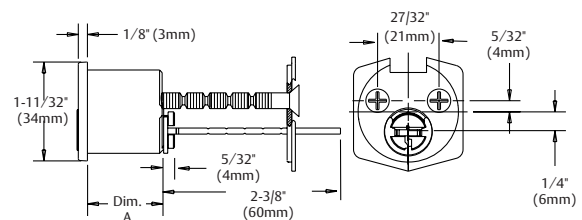## 78-40 Series Exposed Shell Only Cylinders

- Cylinder: Solid brass, 1-5/32" (29mm) diameter
- 6 pin standard, for 7 pin specify "7 pin"
- For use with SARGENT mortise locks with Escutcheon Trim (KE 3/4, LE 3/4) only
- See Function Table on Page 6 for cam required
- 78-41 6 pin; single cylinder function only except 50
- 78-42 6 or 7 pin; single cylinder functions only
- 78-43 6 or 7 pin; all functions except 50
- Plug finishes: 4, 15

34 Series Rim Type Cylinder

- 27/32" (21mm) screw pattern for through-bolted SARGENT exit devices
- Cylinder: Solid brass
- Cap: Brass, bronze or stainless steel
- Furnished standard with No. 97 rosette and compression spring, "break-off" screws and back plate
- 6 pin standard, for 7 pin specify "7 pin"
- Horizontal tail piece only
- Cylinder finishes: 3, 4, 9, 10, 10B, 10BE, 10BL, 15, 20D, 32, 32D
- Plug finishes: 4, 15

No. of Pins	Door Thickness when used with outside trim	Dim. A (Min.)
6	2-3/8" to 3-1/4" (60mm to 82mm)	1-1/16" (27mm)
7	2-1/2" to 3-1/2" (64mm to 89mm)	1-7/32" (31mm)

1/8" (3mm)

27/32" (21mm)

5/32" (4mm)

1-11/32" (34mm)

5/32" (4mm)

2-3/8" (60mm)

Dim. A

1/4" (6mm)

All cylinders are standard 6 pin and are supplied with 2 nickel silver change keys unless noted. In cylinders ordered for 5 pin systems, the (6th) last chamber will be empty.

When double cylinder locksets are keyed alike on both sides, 2 change keys are supplied.

For cylinders in competitive keyways, see Page 11.

Cylinders are supplied random keyed unless specified 1 bitted or master keyed. For master keyed orders provide keying details as requested on SARGENT Keyed Order Lead Sheets, located in the price book or contact customer service.

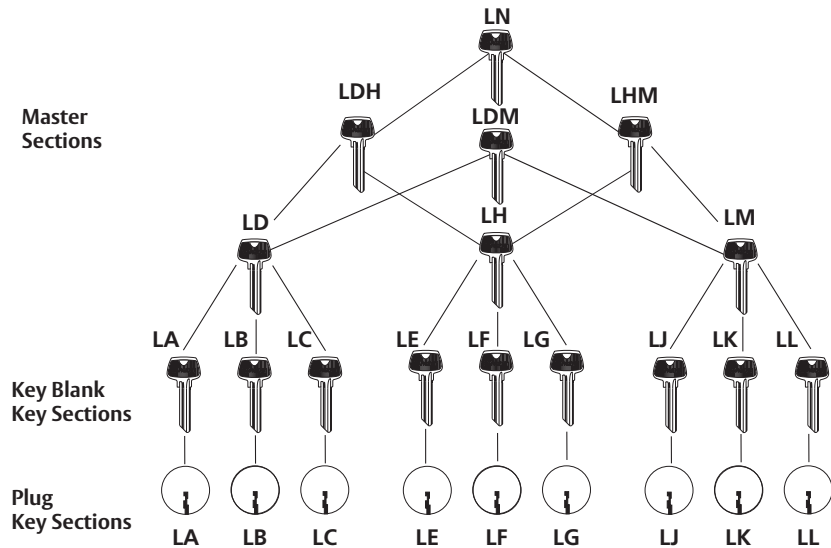Cylinders BHMA A156.5 Grade 1 listed except hotel functions.

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Key Blanks/Key Sections, Bitting Lists

Cylinders and Components

5 Pin

Key Blank	Key Section
265	U R
270	LD LH LM LDH LDM LHM LN RD RH RM RDH RDM RHM RN
273	CD CH CM CDH CHM CN
275	S
275	LA LB LC LE LF LG LJ LK LL RA RB RC RE RF RG RJ RK RL
278	CA CB CC CE CF CG CJ CK CL CR

6 Pin

Key Blank	Key Section
6265	U R S
6270	HD LD / HH LH / HM LM / HHM LDH / HDH LHM / HDM LDM / HN LN / RD / RH / RM / RDH / RDM / RHM / RN
6273	CD CH CM CDH CHM CN
6275	HA LA / HB LB / HC LC / HE LE / HF LF / HG LG / HJ LJ / HK LK / HL LL / RA / RB / RC / RE / RF / RG / RJ / RK / RL
6278	CA CB CC CE CF CG CJ CK CL CR

7 Pin

Key Blank	Key Section
7270	LD LH LM LDH LDM LHM LN RD RH RM RDH RDM RHM RN
7273	CD CH CM CDH CHM CN
7275	LA LB LC LE LF LG LJ LK LL RA RB RC RE RF RG RJ RK RL
7278	CA CB CC CE CF CG CJ CK CL CR

BITTING LISTS

Paper bitting lists provided at no charge for factory corresponding keyed orders when requested at time of hardware order. An owners letter of authorization must be attached to all purchase orders Existing key system bittings lists also available contact key records for more information.

For Multiplex Masterkey Systems
(L keyway family shown, others similar)

Master Sections

Key Blank Key Sections

Plug Key Sections

Multi Keyway Systems

L – System   Stock Keyways
C – System   Hotel Keyway (Furnished in Large Bow only)
H – System   Contract Master Key Systems
R – System   Contract MasterKey Systems
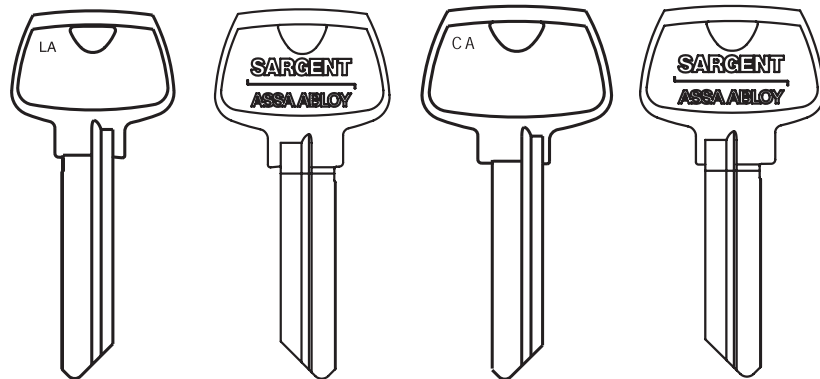
Standard 6 pin

Large Bow approximately 15% larger than standard bow. Provided for SARGENT "C" family as standard.

Single Keyway Sections

R Section *
S Section
U Section*
CR Section

* Cylinders ordered in either U or R single section only. Offered as 1 bitted for field keying

Restricted Keyways: Restricted keyways are SARGENT (factory) controlled geographically to limit sales and prevent unauthorized key duplication.

For availability of restricted keyways and key sections, contact SARGENT Key Records Department.

Orders for restricted keyway systems, key blanks and cylinders, require a letter of authorization from the system owner.