



mortise cylinders

fixed core for current products

Includes standard, hotel, security and high security for mortise and auxiliary applications. Stock cylinders are furnished 1-1/8" length and 6-pin keyed random. Unless otherwise specified, stock cylinders ordered separately will be provided with cylinder collar 1765.156. If another collar size is required, specify when ordering. Refer to individual product sections for collar applications and sizes.



Mortise cylinders are provided standard with cams to operate Yale® mortise locks, optional cams are available, see page 19.

Model #	Description	5-Pin	Lengths		Cam
			6-Pin	7-Pin	
2153	Standard cylinder	1" (25)	1-1/8" (29) 1-1/2" (38) 1-1/4" (32) 1-5/8" (41) 1-3/8" (35) 1-3/4" (44)	1-1/4" (32) 1-5/8" (41) 1-3/8" (35) 1-3/4" (44) 1-1/2" (38)	2160
2153S	Standard cylinder for inside operation of 8817-2 and 8834-2 functions only	1" (25)	1-1/8" (29) 1-1/2" (38) 1-1/4" (32) 1-5/8" (41) 1-3/8" (35) 1-3/4" (44)	1-1/4" (32) 1-5/8" (41) 1-3/8" (35) 1-3/4" (44) 1-1/2" (38)	2130
2123	Same as 2153 with long lengths for thicker doors	--	1-7/8" (48) 2-3/8" (60) 2" (51) 2-1/2" (64)	2-7/8" (73) 3-3/8" (86) 3" (76) 3-1/4" (83)	2160
2123S	Same as 2153S with long lengths for thicker doors	--	2-1/8" (54) 2-5/8" (67) 2-1/4" (57) 2-3/4" (70)	3-1/8" (79) 3-1/2" (89)	2130
2719*	Standard cylinder for Hotel/Motel functions 8820, 8827, and 8832	--	1-3/8" (35)	--	2160
S2053S	Thumbturn cylinder for inside operation of 8834 function	1" (25)	1-1/8" (29)	--	2130
S2053	Thumbturn operated cylinder to replace key operated cylinder	1" (25)	1-1/8" (29)	--	2160
1108	Dummy mortise cylinder	1" (25)	1-1/8" (29) 1-1/2" (38) 1-1/4" (32) 1-5/8" (41) 1-3/8" (35) 1-3/4" (44)	1-1/4" (32) 1-5/8" (41) 1-3/8" (35) 1-3/4" (44) 1-1/2" (38)	2160
5153	Security cylinder	--	1-1/8" (29) 1-1/4" (32)	1-1/4" (32)	2160
5153S	Security cylinder for inside operation of 8817-2 and 8834-2 functions only	--	1-1/8" (29) 1-1/4" (32)	1-1/4" (32)	2130
5719*	Security cylinder for Hotel/Motel functions 8820, 8827, and 8832	--	1-3/8" (35)	--	2160
U5153	High security cylinder	--	1-1/8" (29) 1-1/4" (32)	1-1/4" (32)	2160
U5719*	High security cylinder for Hotel/Motel functions 8820, 8827, and 8832	--	1-3/8" (35)	--	2160
2553	Schlage® "C" keyway cylinder 0-bitted or keyed random	--	1-1/8" (29)	--	2160

*Cylinders are 6-pin for master keying expansion purposes. Locksets and housings will be 7-pin in length to accommodate top level master keys. See page 6 for more information.

Dimensions are shown in inches (millimeters)

keyways

multiplex/simplex keyways

Multiplex keyways can be used together to expand a keying system. A simplex keyway is independent, stands alone and cannot be tied into any other keyway to expand a keying system.

active keyways

Keyways which are available for new Yale® keying systems are considered active. In the case of new master key systems, the factory reserves the right to select the keyway from a range of standard keyways, based on usage in a particular geographical area. Common active keyways shown below.

all/multi-section/single section keys

All/Multi-section keys can be used on more than one cylinder with different sections. For example: a key cut on the GV multi-section key blank will pass cylinder in the GA, GB, GG and GH keyways. Single section keys can only be used with cylinders of the same section. For example: a key cut on the GA single section key blank will only pass a cylinder in the GA keyway.

inactive keyways

Many older Yale keyways are inactive. New key systems will not be established on these. However, they continue to be available to support existing keying systems.

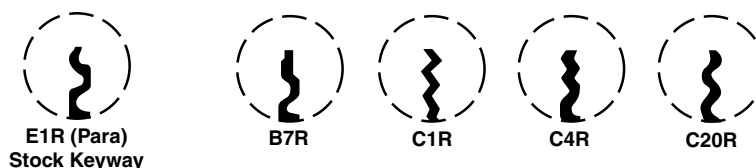
protected keyways

New system on protected keyways require prior approval of Yale Key Systems Administration. For security reasons, these keyway profiles are not shown.

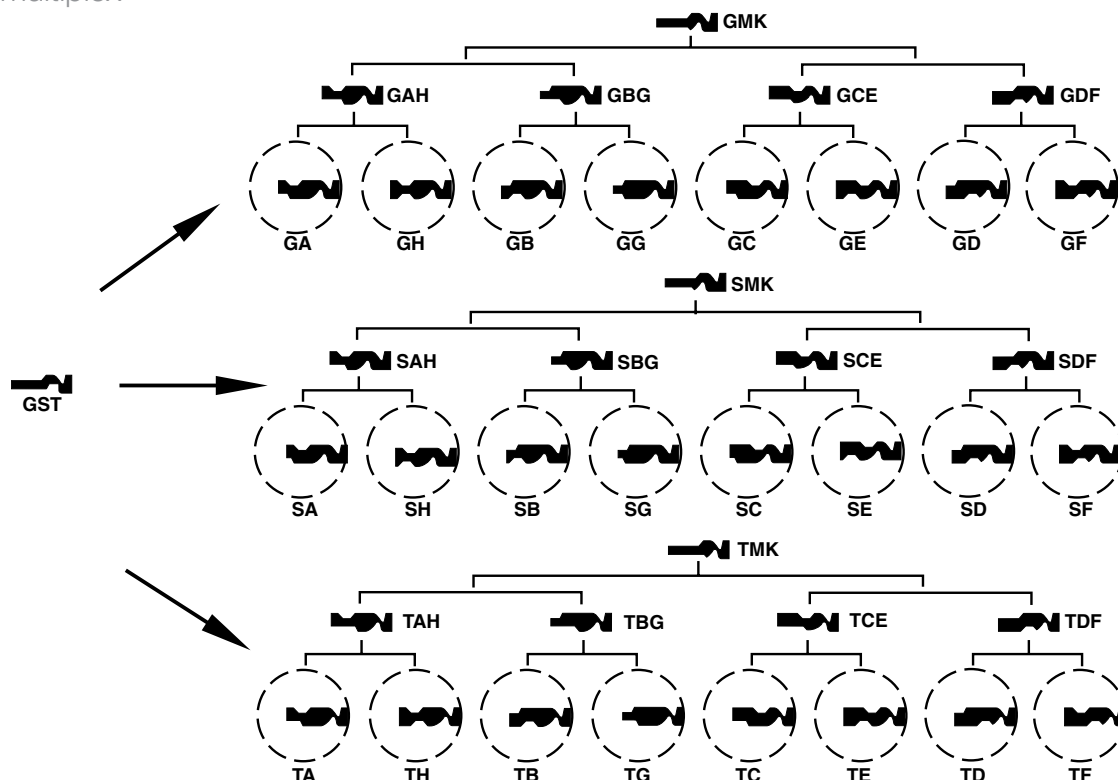
restricted keyways

For security reasons, these keyway profiles are not shown.

simplex



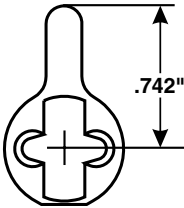
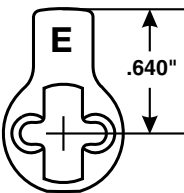
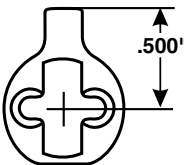
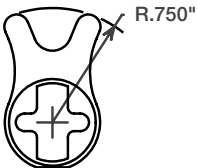
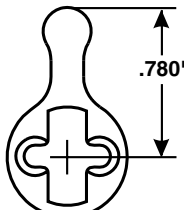
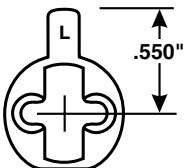
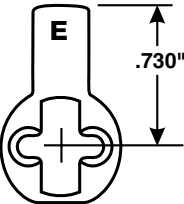
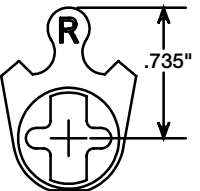
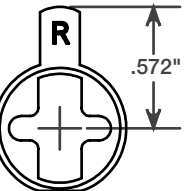
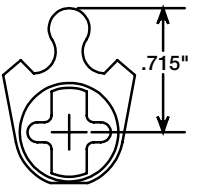
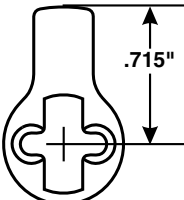

multiplex



Note: The section of the key is determined by viewing the key from the bow towards the tip.

cylinders and keying manual

cams

	Model No.	Description	Application		Model No.	Description	Application
	2160	Std for 2123, 2153, S2053, 2719, 5153, U5153, 5719, 2196, 2197, 2196H, 5196, 5197, 5196H	Steel case mortise or auxiliary locks, exit device alarms and cylinder dogging for 7000 series exit devices.		1161E	Opt for 1194, Std for 2153 when used for 2100 cylinder dogging	Obsolete cast iron mortise locks, cylinder dogging for 2100 series exit devices.
	2130	Std for 2123S, 2153S, S2053S, 2196S, 2197S, 5196S, 5197S	Steel case mortise locks, inside operation for 8817-2 and 8834-2 functions.		1161G	Opt for 1194, 1194H, 5194, 5194H	Keyswitches.
	1160	Std for 1153, S1053H, 1719, 5719, U5719	Obsolete 310 series deadlocks.		1161L	Opt for 1123, 1152, S1052H, 5152, U5152	Adams Rite MS 1800 series locks and 4700 series latches.
	1160E	Std for 1194, 1194H, 5194, 5194H	Obsolete cast iron mortise locks.		1161U	Opt for 1194, 1194H, 5194, 5194H	Corbin Russwin interchangeable core (A01)
	1160L	Opt for 1194, 1194H, 5194, 5194H	Adams Rite MS 1800 series locks and 4700 series latches.		1161T	Opt for 1123, 1152, 1186, S1052H, 5152, U5152	Corbin Russwin fixed core (A01)
	1161	Std for 1123, 1152, S1052H, 5152, U5152	Obsolete cast iron mortise locks.		10-6120-9010	Cam Disc	Filler for hollow mill cams.

All cams and cam disc illustrated actual size.



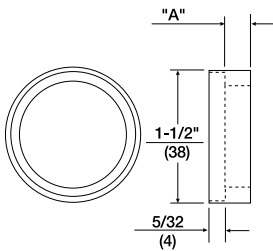
cylinders and keying manual

collars

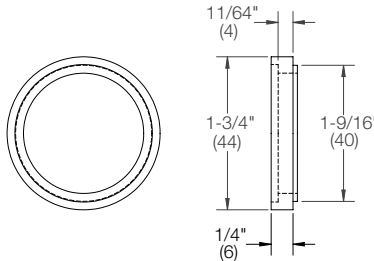
Cylinder collars are supplied as standard where required with products supplied with cylinders. Collar size and thickness are supplied to suit the length of the cylinder, the thickness of the door and the trim ordered. (If door thickness is not specified, collars will be supplied to suit 1-3/4" (44mm) door.)

Collar length required must be specified for cylinders and/or housings ordered separately. Refer to individual product sections for collar applications and sizes.

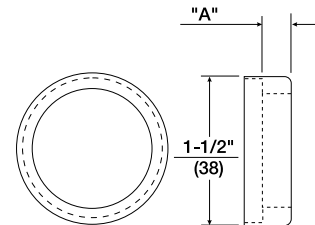
1765 Recessed Cylinder Collar
"A" Dimension: Thicknesses from 1/16" (2mm) to 1-15/32" (37mm) as required.
Material: Brass, Bronze



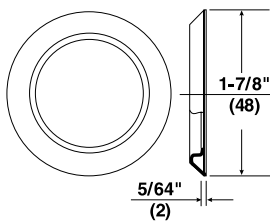
1766 Step Ring for U5109 and U5153 High Security Cylinders.
Material: Stainless Steel



599 Recessed Cylinder Collar
"A" Dimension: Thicknesses from 1/16" (2mm) to 1-15/32" (37mm) as required.
Material: Brass, Bronze



KP4 Flush Mount Cylinder Collar
Material: Brass, Bronze



dust shields

Cylinders are available with a dust shield to protect the pin tumblers and plug from the penetration of dust, sand and other contaminants. To order, prefix the cylinder model number with the letter "D", i.e. D2153. Dust shields are not available with any cylinder using "A" bow keys.

