**T**he Gainsborough 4000 Series Heavy Duty Cylindrical Locksets are designed and manufactured for use in commercial buildings, including hotels and offices, but are also ideal for residential entrances and living areas.

*Offering a variety of popular finishes and functions, these heavy duty locksets feature a stylish spherical knob design with a choice of 3 backsets: 70mm, 60mm and 127mm. The 4000 Series features brass or stainless steel knobs and roses and is easy to install.*

*The 4000 Series features a 12.7mm throw latchbolt and is fire-rated to Australian Standard AS/NZS1905.1 Fire Doors, while the 4000 Series can be specially keyed to suit any individual situation.*
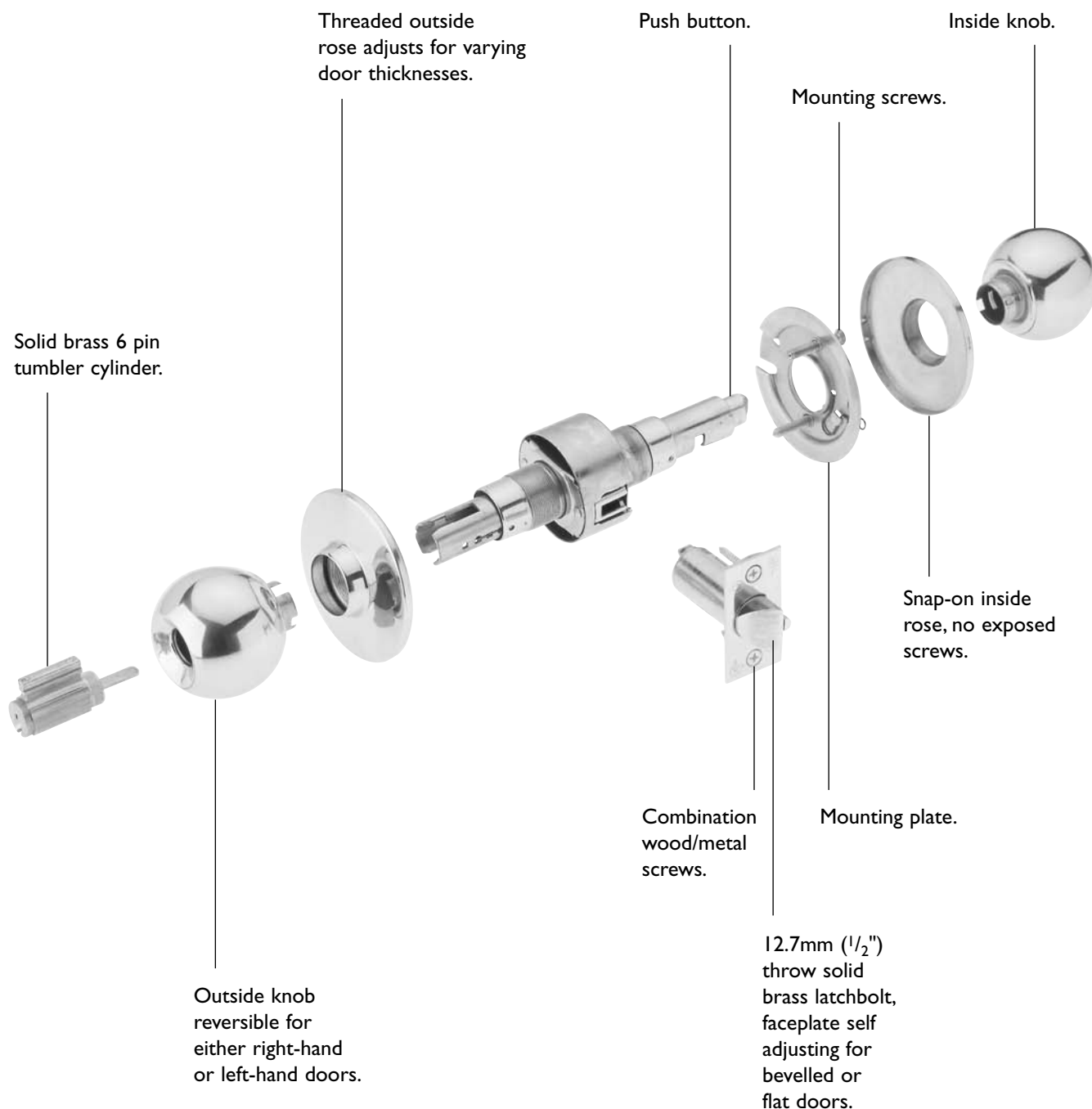


*4000 Series Heavy Duty Cylindrical Locksets*

**Architectural** HARDWARE

## Construction Features

### Exploded view

Cylindrical housing and interior parts are made of heavy gauge cold rolled steel, zinc plated and dichromated for rust resistance.

Threaded outside rose adjusts for varying door thicknesses.

Push button.

Inside knob.

Mounting screws.

Solid brass 6 pin tumbler cylinder.

Snap-on inside rose, no exposed screws.

Outside knob reversible for either right-hand or left-hand doors.

Combination wood/metal screws.

Mounting plate.

12.7mm ($^1/_2$") throw solid brass latchbolt, faceplate self adjusting for bevelled or flat doors.

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## Product Information

### Applications

Designed for residential and commercial construction.

### Door Thickness

Fits 35mm to 50mm ($1^3/_8$" - 2") door thickness. Wood or metal door installation.

### Backset

70mm standard. 60mm backset and 127mm backset links available – specify when ordering.

### Cylinder

The Gainsborough standard brass cylinder features 6 pin tumbler and C4 keyway. 2 brass keys supplied as standard. Also available with restricted profile.

### Latch

Solid brass latchbolt with 12.7mm throw. Faceplate self-adjusting to accommodate bevelled or flat doors.
- 70mm backset with 58mm x 29mm faceplate.
- 60mm backset with 58mm x 25mm faceplate.

### Handing

Completely reversible.

### Strike

70mm x 29mm with curved lip and box standard.

### Exposed Trim

Knobs and roses are manufactured from either brass or stainless steel. Knobs are secured by steel knob retainer which cannot be depressed when lockset has been locked.

### Mechanism

Heavy gauge cold rolled steel, zinc plated and dichromated for rust resistance.

### Door Preparation

54mm ($2^1/_8$") cross bore and 25mm (1") edge bore.

54mm ($2^1/_8$") Diameter

25mm (1")

70mm ($2^3/_4$")
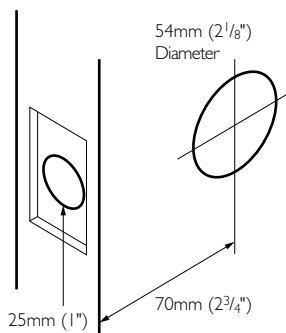
### Finishes

**PS**    Polished Stainless Steel

**SS**    Satin Stainless Steel

**PB**    Polished Brass

When ordering, add relevant finish code to form complete product catalogue number.

### Keying Information

6 pin tumbler cylinder supplied in the standard broach, keyed to differ with 2 keys per lock. Special keying is available.
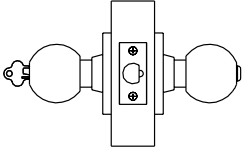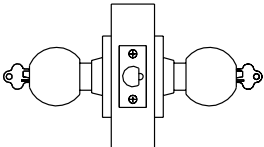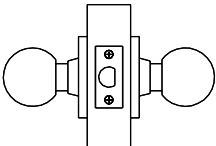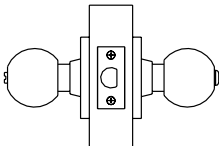
All Gainsborough locksets come with brass keys. Nickel silver keys as standard with restricted profile systems.

Standard keyed differently (KD) unless otherwise specified. Locks also can be keyed to the following systems.

### Keying Codes

**KA**    Keyed Alike

**MK**    Master Keyed

**GMK**    Grand Master Keyed

**GGMK** Great Grand Master Keyed

**MA**    Maison Keyed
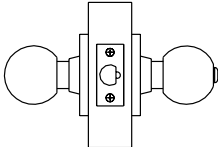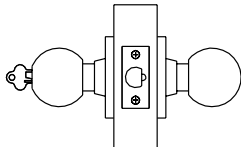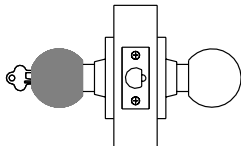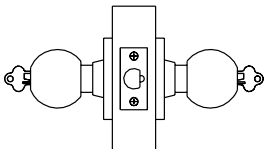
**PK**    Project Keyed

**PMK**    Project Master Keyed

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**Gainsborough**®

## 4000 Series Key In Knob Locksets

| PRODUCT | DESCRIPTION | BACKSET | CATALOGUE NO. |
|---|---|---|---|
| **Entrance / Escape Lockset** | Key unlocks outside knob. | 70mm | **4000** |
| | Inside push button locks outside knob. | 60mm | **4001** |
| | Automatically unlocks when inside knob is turned. | 127mm | **4002** |
| | Auxiliary bolt deadlatches latchbolt when door is closed. | | |
| **Glass Door Lockset** | Double Cylinder. | 70mm | **4010** |
| | Lock is opened by knob from either side. | 60mm | **4011** |
| | Key from either side locks or unlocks both knobs. | 127mm | **4012** |
| | Auxiliary bolt deadlatches latchbolt when door is closed. | | |
| **Passage Set** | Latchbolt operated by knobs. both sides at all times | 70mm | **4020** |
| | | 60mm | **4021** |
| | | 127mm | **4022** |
| **Privacy Lockset** | Outside knob is locked by push button inside. Lock automatically unlocks when inside knob is turned. | 70mm | **4030** |
| | | 60mm | **4031** |
| | In case of emergency, the outside knob can be unlocked by a coin or screwdriver in the button. | 127mm | **4032** |

**Finish Codes:** **PS** Polished Stainless Steel  **SS** Satin Stainless Steel  **PB** Polished Brass

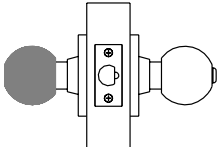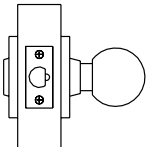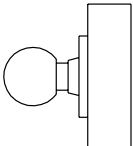*Note: Add finish code to above to form complete catalogue number eg 4000 SS.*
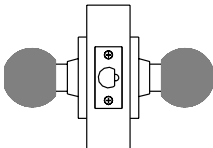
**Architectural HARDWARE**

## 4000 Series Key In Knob Locksets

| PRODUCT | DESCRIPTION | BACKSET | CATALOGUE NO. |
|---|---|---|---|
| **Patio Lockset** | Outside knob is locked by push button in the inside knob. | 70mm | **4040** |
| | Lock automatically unlocks when inside knob is turned. | 60mm | **4041** |
| | Auxiliary bolt deadlatches latchbolt when door is closed. | 127mm | **4042** |
| **Classroom Lockset** | Outside knob is locked or unlocked by key in outside knob. | 70mm | **4050** |
| | Inside knob is always free for exit. | 60mm | **4051** |
| | Auxiliary bolt deadlatches latchbolt when door is closed. | 127mm | **4052** |
| **Storeroom Escape Lockset** | Key in outside knob retracts latch. | 70mm | **4060** |
| | Outside knob remains rigid. | 60mm | **4061** |
| | Inside knob remains free at all times. | | |
| | Auxiliary bolt deadlatches latchbolt when door is closed. | 127mm | **4062** |
| **Communication Lockset** | Double Cylinder. | 70mm | **4070** |
| | Latchbolt operated by knob either side except when either knob is locked by key in its own cylinder. | 60mm | **4071** |
| | | 127mm | **4072** |
| | Auxiliary bolt deadlatches latchbolt when door is closed. | | |

**Finish Codes:** **PS** Polished Stainless Steel  **SS** Satin Stainless Steel  **PB** Polished Brass
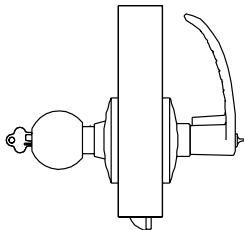*Note: Add finish code to above to form complete catalogue number eg 4040 PB.*

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## 4000 Series Key In Knob Locksets

| PRODUCT | DESCRIPTION | BACKSET | CATALOGUE NO. |
|---|---|---|---|
| **Exterior Escape Lockset** | Latchbolt operated by inside knob. | 70mm | **4080** |
| | Outside knob remains rigid. | 60mm | **4081** |
| | Auxiliary bolt deadlatches latchbolt when door is closed. | 127mm | **4082** |
| **Exterior Escape Half Set** | Latchbolt operated by inside knob. | 70mm | **4090** |
| | Blank plate outside. | 60mm | **4091** |
| | Auxiliary bolt deadlatches latchbolt when door is closed. | 127mm | **4092** |
| **Dummy Trim** | Single dummy trim for one side of door. | | **405D** |
| **Double Cylinder Gate Lockset** | Latchbolt retracted by key either side. | 70mm | **4140** |
| | Knobs rigid both sides. | 60mm | **4141** |
| | Auxiliary bolt deadlatches when door is closed. | 127mm | **4142** |

**Finish Codes:** **PS** Polished Stainless Steel  **SS** Satin Stainless Steel  **PB** Polished Brass
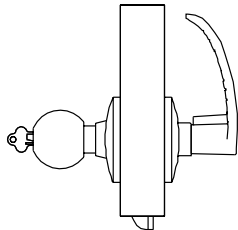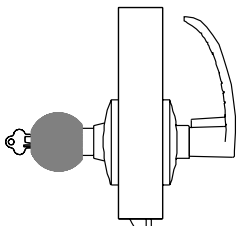*Note: Add finish code to above to form complete catalogue number eg 4080 PS.*

## Architectural HARDWARE

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## 4700 Series Key In Knob Locksets with 4600 Style Inside Lever

| PRODUCT | DESCRIPTION | BACKSET | CATALOGUE NO. |
|---|---|---|---|
| **Entrance/Escape Lockset** | | | |
| | Key unlocks outside knob. | 70mm | **4700** |
| | Turnbutton inside locks and unlocks outside knob. Inside lever remains free at all times. | 60mm | **4701** |
| | | 127mm | **4702** |
| | Auxiliary bolt deadlatches latchbolt when door is closed. | | |
| **Classroom Lockset** | | | |
| | Outside knob is locked or unlocked by key in outside knob. | 70mm | **4750** |
| | Inside lever is always free. | 60mm | **4751** |
| | Auxiliary bolt deadlatches latchbolt when door is closed. | 127mm | **4752** |
| **Storeroom Escape Lockset** | | | |
| | Key in outside knob retracts latch. | 70mm | **4760** |
| | Outside knob remains rigid. | 60mm | **4761** |
| | Inside lever remains free at all times. | 127mm | **4762** |
| | Auxiliary bolt deadlatches latchbolt when door is closed. | | |

*Note: Satin Chrome Plate finish only. For spare latches, strike plate and rebated conversion set refer page 6.10 for details*
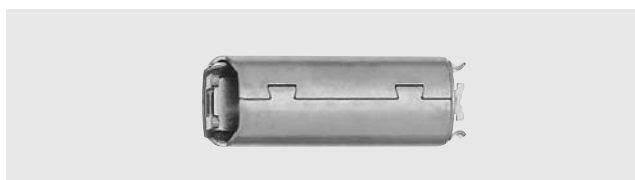
**Finish Codes:**  **SC**  Satin Chrome
*Note: Add finish code to above to form complete catalogue number eg 4760 SC.*

**Architectural** HARDWARE
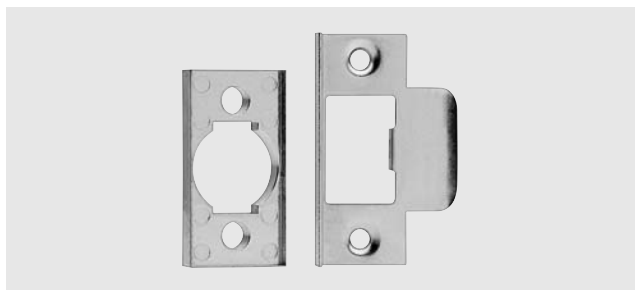
## Accessories
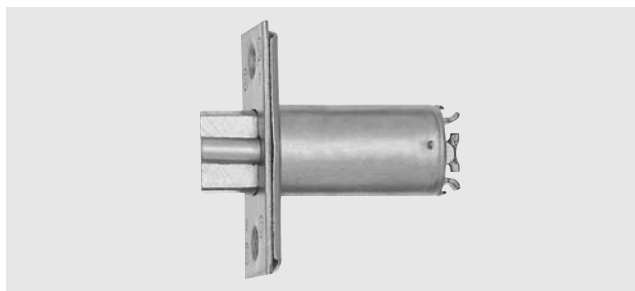


*Latches*



*Extension LInk*



*Strike Plate*



*Rebated Conversion Set*

### LATCHES

Grade Two 4000 Series latches have 12.7mm throw, solid brass latchbolt; 22mm diameter housings and self-adjusting faceplates.

Unless otherwise indicated, 70mm latch features faceplate size: 58 x 29mm;

60mm latch faceplate measures: 58mm x 25mm.

To order individual latches, refer catalogue numbers below.

#### Catalogue No.

4000/DL00:   70mm Deadlatch
4000/PL00:   70mm Plain Latch
4000/DL01:   60mm Deadlatch
4000/PL01:   60mm Plain Latch

### EXTENSION LINK

Extension link available to extend 70mm backset latch to 127mm backset.

#### Catalogue No.

4000/DL02:   Extension Link

### STRIKE PLATE

Strikes are reversible for right or left-hand doors.
To order strike plate, refer catalogue number below.

#### Catalogue No.

4000/SP01:   Strike Plate

#### Latches and Strike Plate available in

**PS**   Polished Stainless Steel

**SS**   Satin Stainless Steel

**PB**   Polished Brass

### REBATED CONVERSION SET

Rebate set for locksets. Strike plate supplied.

#### Catalogue No.

4000/REB:   Rebate Set

#### Rebated Conversion Set available in

**CP**   Chrome Plate

**SC**   Satin Chrome Plate

**PB**   Polished Brass

When ordering, add relevant finish code to form complete product catalogue number.

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