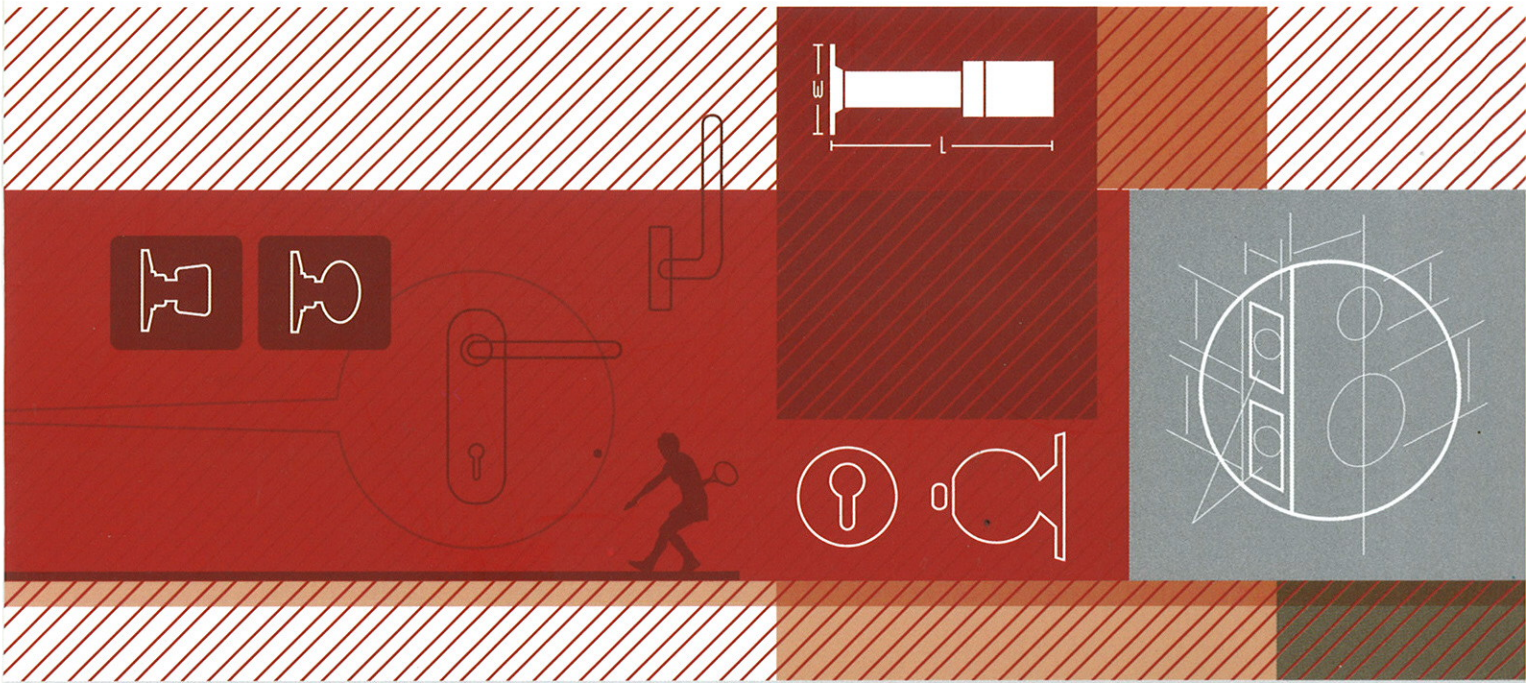
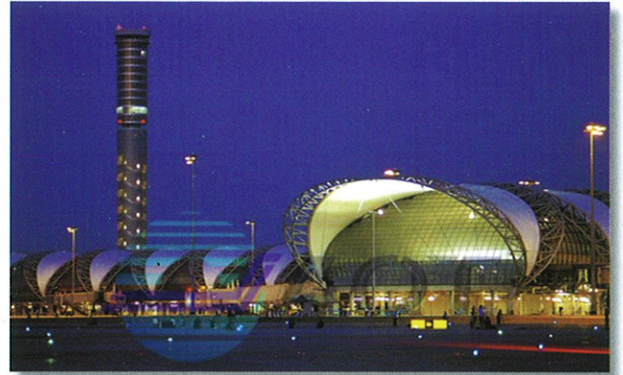


 **SKULTHAI**
UNITED



SKULTHAI UNITED



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Meet our team: the people who will always stand behind you

พบกับทีมงานของเราผู้อยู่เคียงข้างคุณ



Consulting Team

Keeping abreast with market needs and architectural trends is one of the key responsibilities of our consultants. Team members are architects who understand the language of design concepts and who can relate to the needs of correct specifications. Their function is to explain and educate project architects on the features, possibilities and limitations of our products so that the best products are specified within costs.

ทีมงานที่ปรึกษา

ทีมงานที่ปรึกษาของบริษัทฯ ประกอบไปด้วย สถาปนิกที่เข้าใจในการออกแบบเป็นอย่างดี มีหน้าที่ติดตามความต้องการของตลาด และทิศทางของวงการสถาปัตยกรรมอย่างใกล้ชิด สามารถถ่ายทอดความต้องการของลูกค้าออกมา เป็นรายละเอียดที่ถูกต้องครบถ้วนทุกความต้องการ ให้คำปรึกษาแก่ สถาปนิก มัณฑนากร และ เจ้าของโครงการ ในด้านคุณสมบัติและการเลือกใช้ผลิตภัณฑ์ที่เหมาะสม และคุ้มค่าที่สุด

Sales Team

Our sales team is responsible for tendering projects and working our quotation and specifications according to the requirements of the project. They are knowledgeable about product and the market trends.

ทีมงานขาย

ทีมงานขายของบริษัทฯ ล้วนมีความรู้เกี่ยวกับผลิตภัณฑ์ และแนวโน้มทิศทางของตลาดเป็นอย่างดี ทำหน้าที่ประสานงานขาย นำเสนอสินค้าได้ตรงตามความต้องการของลูกค้า โดยยึดมั่นความพึงพอใจของลูกค้า เป็นเป้าหมายสูงสุดของเรา



Engineering Team

Certain products require technical knowledge and support before, during or after installation. Our engineering team is on hand to advise and guide the installation process. They will also be a useful resource when projects do not go according to plans and need modifications to the installation procedures.

ทีมงานวิศวกร

ทีมงานวิศวกรของบริษัทฯ สามารถให้ คำปรึกษาแนะนำทั้งก่อน ระหว่าง และหลังการติดตั้ง ผลลัพธ์ที่บางประเภทต้องอาศัยความรู้ ความเข้าใจ ในการดำเนินงาน หากมีการปรับเปลี่ยนแผนการดำเนินงาน ทีมวิศวกร จะเป็นผู้ช่วยสำคัญในการปรับกระบวนการทำงานให้สอดคล้องกับแผนงาน ที่เปลี่ยนแปลงไป

Retail Team

This team establishes agents and distributors around the country. In provinces like Phuket, Chiangmai and Pattaya, we work extensively through agents and regional distributors to ensure that customers can procure our products conveniently.

ทีมงานกลุ่มผู้แทนจำหน่าย

ทีมงานกลุ่มผู้แทนจำหน่ายทำหน้าที่จัดหาและประสานงาน กับผู้แทนจำหน่ายและกระจายสินค้าทั่วประเทศ เพื่อให้ลูกค้า สามารถเลือกซื้อและเลือกชมสินค้าได้อย่างทั่วถึง สะดวก และรวดเร็ว

Introduction

Hinges

Lockset

Door Handle

Door closer

Glass Door Fittings

Door Hardware Accessories

Exit Device

Panic Exit Device



The name "Skulthai" carries a timeless quality that exudes confidence, trust and honesty. On those qualities, we are proud to have built 60 years of history. In this short company profile, we invite you to be our partner; for we believe in the richness of growing together, and of growing on each other's strength.

Our business of distribution and marketing comes with an in-depth knowledge of Thailand. You can count on us to utilize those strengths to complement yours. You can count on us to share with you our stories – of past successes and past shortcomings; so that you may shorten the learning cycle and leap forward with success. In short, you can count on us to be simply Skulthai.

สกูลไทย ชื่อที่เต็มเปี่ยมไปด้วยคุณภาพ ที่สะท้อนออกถึงความเชื่อมั่น ความไว้วางใจและความจริงใจที่สั่งสมมานานกว่า 60 ปี ผลงานที่ผ่านมาเป็นสิ่งที่ยืนยันถึงคุณภาพและความสำเร็จที่สกูลไทยได้รับ ความไว้วางใจจากลูกค้า เพราะเราเชื่อในพลังที่เกิดจากการอาศัยศักยภาพของกันและกัน เพื่อผลักดันให้ก้าวไปสู่ความสำเร็จร่วมกันอย่างเชื่อมั่นและมั่นคง



To meet the demands of today's market for sophisticated security systems, our showroom in Phuket is offering more specialized security products for industries such as commercial property, residential development and hospitality.

ปัจจุบันตลาดเริ่มหันมาให้ความสำคัญกับคุณภาพชีวิตและความปลอดภัยมากขึ้น โชว์รูมของเราที่ภูเก็ตถือเป็นการตอบสนองความต้องการสินค้าและวัสดุที่มีคุณภาพที่เพิ่มมากขึ้นในหลากหลายธุรกิจ ไม่ว่าจะเป็นอาคารสำนักงานและที่พักอาศัย ตลอดจนธุรกิจการท่องเที่ยวและโรงแรม

Not just sales. But aftersales.

ไม่เพียงแค่งานขาย แต่เราพร้อมให้บริการหลังการขาย



Ours is an industry where every customer fears the inevitable – the three “R”s. Repairs, Replacements, Refurbishments.

That is where our emphasis on aftersales service will make a difference. We have six decades of doing excellent installation as our ultimate credentials. You can trust us to be still around when you need us.

One of the ways we ensure customer service is proper training for everyone. We believe in putting the right man on the right job. Thus, we have started the Skulthai Training Centre to train technicians, architects as well as sales personnel. We invite overseas specialists from brand representatives to conduct training regularly to ensure that our people are highly proficient in all aspects of the products we market.

สิ่งที่เรายึดถือไว้เสมือนหลักการและคำมั่นสัญญาของเราคือการ ให้บริการหลังการขาย โดยทีมงานผู้เชี่ยวชาญและมีประสบการณ์ ในแต่ละสายผลิตภัณฑ์ที่พร้อมอยู่เคียงข้างคุณ กว่าหกทศวรรษ ที่เรายึดมั่นในเจตนารมณ์เพื่อจัดหาสินค้าคุณภาพ คือบทพิสูจน์ แห่งกาลเวลาที่ Skulthai United ได้ก้าวเดินอย่างมั่นคงบนพื้นฐาน แห่งความเชื่อมั่น เคียงคู่วงการสถาปัตยกรรมและกีฬาในประเทศไทย เสมอมา...และตลอดไป

Introduction

Hinges

Lockset

Door Handle

Door closer

Glass Door Fittings

Door Hardware Accessories

Exit Device

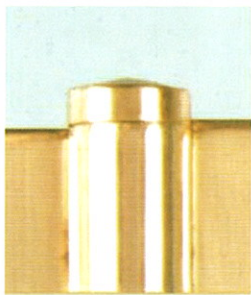
Panic Exit Device

Steel Door

SCL

บานพับ SCL ผลิตจากวัสดุที่มีคุณภาพ มีความแข็งแรง คงทน มีหลายประเภท ชนิดของบานพับ แบ่งตามวัสดุที่ใช้ผลิต ลักษณะหัวบานพับ ชนิดวงแหวน ตลอดจนขนาดและความหนา ของบานพับ ให้ท่านได้เลือกตามลักษณะของงานที่ใช้ เช่น งานบ้านพักอาศัย งานอาคารสำนักงาน โรงแรม และงานของหน่วยงานราชการ เป็นต้น

TIP STYLE



FT : Flat Tip

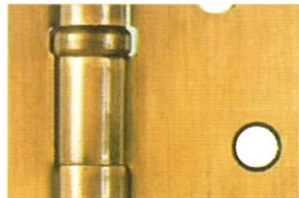


QT : Queen Tip

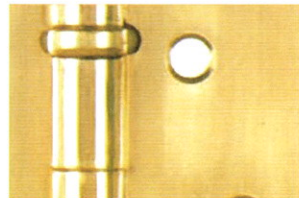


BT : Ball Tip

FINISHES



AB : ANTIQUE BRASS



PB : POLISH BRASS

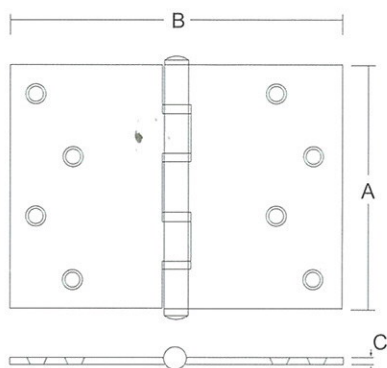


AC : ANTIQUE BRONZE



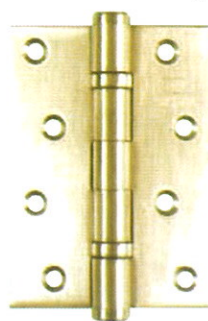
SS : STAINLESS STEEL

HINGE POSITION

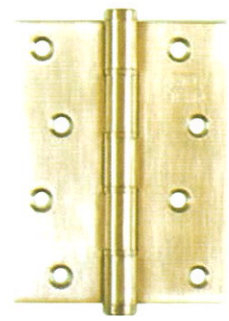


A = Height
B = Width
C = Thickness

RING TYPE



BB : Ball Bearing



SR : Stainless Ring

SCL

บานพับสแตนเลส SCL ผลิตจากสแตนเลสเนื้อดี ชนิดของบานพับแบ่งตามวัสดุที่ใช้ผลิต ลักษณะหัวบานพับ ชนิดวงแหวน ตลอดจนขนาดและความหนาของบานพับ มีหลายชนิดให้เลือกสรร ดังแสดงในตารางบานพับชนิดต่าง ๆ

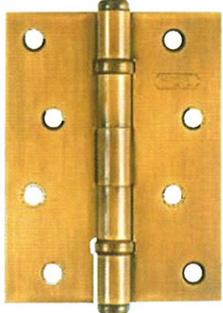
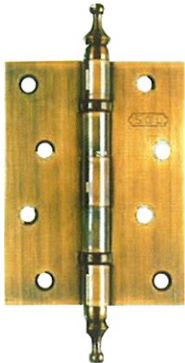
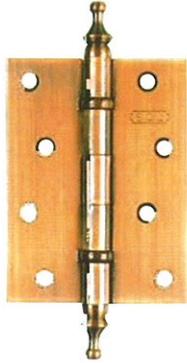

<p>1HGS4320SRVSSFT</p>  <p>Ring Type : Stainless Ring (SR) Finish : Stainless Steel (SS) Tip Style : Flat Tip (FT)</p>	<p>1HGS4325BBSSFT</p>  <p>Ring Type : Ball Bearing (BB) Finish : Stainless Steel (SS) Tip Style : Flat Tip (FT)</p>	<p>1HGS4320BBABQT</p>  <p>Ring Type : Ball Bearing (BB) Finish : Antique Brass (AB) Tip Style : Queen Tip (QT)</p>
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ตารางแสดงบานพับสแตนเลส SCL Stainless Steel Hinge ขนาดต่าง ๆ

Specification			Ring Type	Finishes				Tip Style		
Height x Width (inches)	Height x Width (mm)	Thickness		AB	AC	PB	SS	FT	QT	BT
4" x 3"	102 x 76	2.0 mm	SR				●	●		
4" x 4"	102 x 102	2.0 mm	SR				●	●		
4" x 3"	102 x 76	2.0 mm	BB	●	●			●	●	
4" x 3"	102 x 76	2.5 mm	BB				●	●		
4" x 3"	102 x 76	3.0 mm	BB				●	●		
4" x 4"	102 x 102	2.3 mm	BB	●	●			●	●	
4" x 4"	102 x 102	2.5 mm	BB				●	●		
4" x 4"	102 x 102	3.0 mm	BB				●	●		
4" x 4"	102 x 102	3.0 mm	BB	●	●			●		
5" x 4"	127 x 102	2.5 mm	BB	●	●			●	●	
5" x 4"	127 x 102	3.0 mm	BB				●	●		

SCL

บานพับเหล็ก SCL ผลิตจากเหล็ก ชนิดของบานพับแบ่งตามวัสดุที่ใช้ผลิต ลักษณะหัวบานพับ ชนิดวงแหวน ตลอดจนขนาดและความหนาของบานพับ มีหลายชนิดให้เลือกสรร ดังแสดงในตารางบานพับชนิดต่าง ๆ

1HGM4320BBABFT	1HGM4320BBABQT	1HGM4320BBACQT	1HGEM4320BBABQT
			
Ring Type : Ball Bearing (BB)	Ring Type : Ball Bearing (BB)	Ring Type : Ball Bearing (BB)	Ring Type : Ball Bearing (BB)
Finish : Antique Brass (AB)	Finish : Antique Brass (AB)	Finish : Antique Bronze (AC)	Finish : Antique Brass (AB)
Tip Style : Flat Tip (FT)	Tip Style : Queen Tip (QT)	Tip Style : Queen Tip (QT)	Tip Style : Queen Tip (QT)

ตารางแสดงบานพับเหล็ก SCL Steel Hinge ขนาดต่าง ๆ

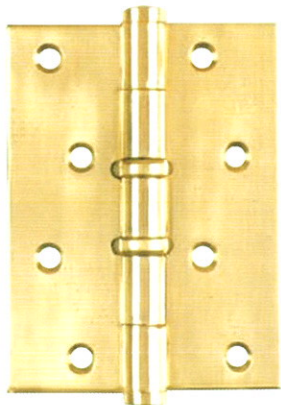
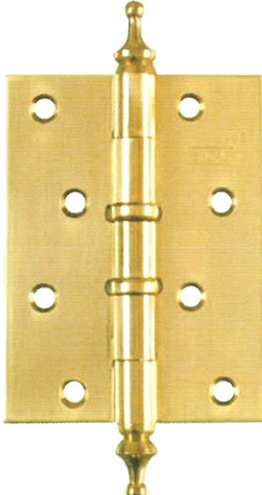
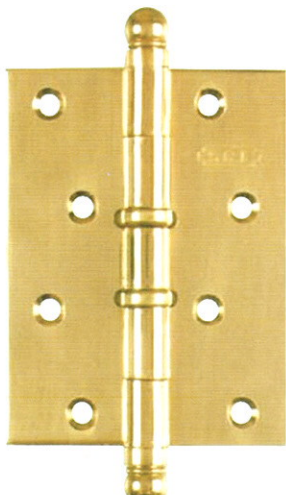
Specification			Ring Type	Finishes				Tip Style		
Height x Width (inches)	Height x Width (mm)	Thickness		AB	AC	PB	SS	FT	QT	BT
4" x 3"	102 x 76	2.0 mm	BB	●	●			●	●	
4" x 4"	102 x 102	2.6 mm	BB	●	●			●	●	
5" x 4"	127 x 102	3.0 mm	BB	●	●			●	●	

*ตารางแสดงบานพับเหล็กกลาย SCL Crafted Hinge ขนาดต่าง ๆ

Specification			Ring Type	Finishes				Tip Style		
Height x Width (inches)	Height x Width (mm)	Thickness		AB	AC	PB	SS	FT	QT	BT
4" x 3"	102 x 76	2.0 mm	BB	●	●				●	
4" x 4"	102 x 102	2.5 mm	BB	●	●				●	
5" x 4"	127 x 102	3.0 mm	BB	●	●				●	

SCL

บานพับทองเหลือง SCL ผลิตจากทองเหลือง ชนิดของบานพับแบ่งตามวัสดุที่ใช้ผลิต ลักษณะหัวบานพับ ชนิดวงแหวน ตลอดจนขนาดและความหนาของบานพับ มีหลายชนิดให้เลือกสรร ดังแสดงในตารางบานพับชนิดต่าง ๆ

<p>1HGB4325BBPBFT</p>  <p>Ring Type : Ball Bearing (BB) Finish : Polish Brass (PB) Tip Style : Flat Tip (FT)</p>	<p>1HGB4325BBPBQT</p>  <p>Ring Type : Ball Bearing (BB) Finish : Polish Brass (PB) Tip Style : Queen Tip (QT)</p>	<p>1HGB4325BBPBTT</p>  <p>Ring Type : Ball Bearing (BB) Finish : Polish Brass (PB) Tip Style : Ball Tip (BT)</p>
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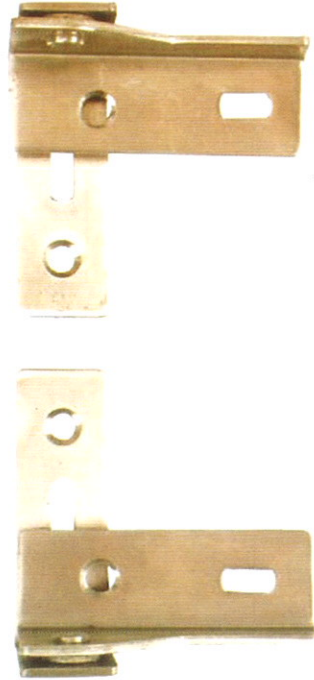
ตารางแสดงบานพับทองเหลือง SCL Brass Hinge ขนาดต่าง ๆ

Specification			Ring Type	Finishes				Tip Style		
Height x Width (inches)	Height x Width (mm)	Thickness		AB	AC	PB	SS	FT	QT	BT
4" x 3"	102 x 76	2.5 mm	BB			●		●	●	●
4" x 4"	102 x 102	2.5 mm	BB			●		●	●	●
5" x 4"	127 x 102	3.0 mm	BB			●		●	●	●
4" x 3"	102 x 76	3.0 mm	BB			●		●	●	●
4" x 4"	102 x 102	3.0 mm	BB			●		●	●	●

SCL

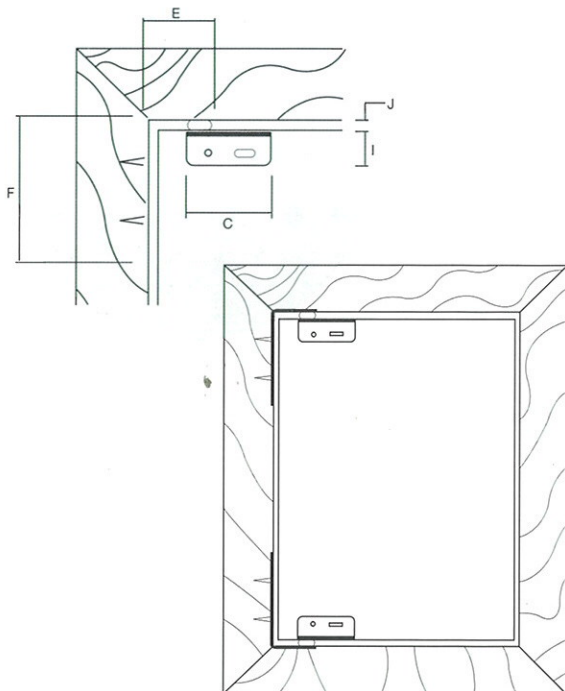
บานพับจุดหมุน SCL พลาสติกจากสแตนเลสเนื้อดี ใช้กับวงกบประตูชนิดไม่มีบังใบ บานช่องท้อ หรือบานประตูไม้ที่มีน้ำหนักไม่เกิน 20 กิโลกรัม

1HGS327SS



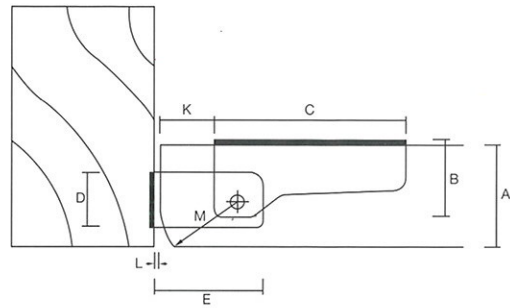
ภาพแสดงการติดตั้งมองจากด้านบน

Top View Section



ภาพแสดงการติดตั้งมองจากด้านหน้า

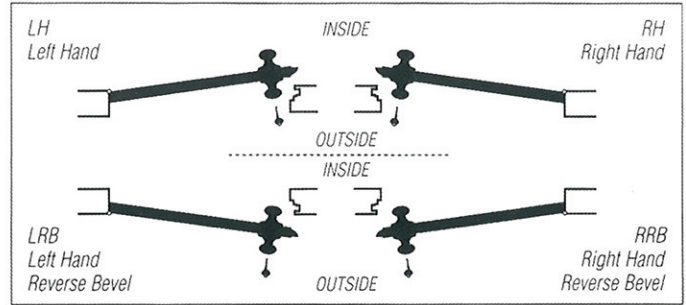
Font View Section



A = 40 mm (Door Thickness)	I = 30 mm
B = 36 mm	J = 3 mm
C = 78 mm	K = 15 mm
D = 25 mm	L = 3 mm
E = 42 mm	M = 28 mm
F = 78 mm	

Door Handing Most Schlage locks are reversible. However, door hand should be specified for locks with lever designs to ensure that the correct finish is provided for latches and strikes on reverse beveled doors. Use the diagram to determine the hand of door.

NOTE: Not all locks are reversible. Please check price book listing for specifications.



Finishes

Schlage is known for the best finishes in the industry.

Even with this reputation, we continue to strive for innovations in finish technology by focusing on cutting edge manufacturing processes and materials. Schlage Lock finishes are obtained by the careful processing of solid brass, bronze, stainless steel or other materials. A protective clear coating is applied where needed and the finish is then cured under high temperatures. Next, our finishes are put through stringent tests to ensure they far exceed BHMA standards. This allows us to provide the very best finishes, both in appearance and durability. As part of our continuing improvements, we recently enhanced our clear coating to provide increased durability. All powder coated finishes now have this new, resilient finish as a standard feature, including our Bright Brass (605), Satin Brass (606) and Satin Bronze (612) finishes. Schlage finishes now offer increased resistance to abrasion, perspiration and salt spray, improving durability by two to three times over our already superior performance standards. Our reflective finish category, consisting of Bright Brass (605), Bright Bronze (611), Bright Chromium Plated (625) and Bright Stainless Steel (629) offer different aesthetics than our textured and organic finishes. Variants such as types of lighting, colors of adjacent walls and door materials can influence the way the overall lock appears in the application and reflected available light often determines the amount of shadow seen in the product.

ARCHITECTURAL RECOMMENDATIONS





When selecting a finish, it is important to consider climatic conditions and usage. This is especially true in areas subject to strong corrosive vapors, humid climate, sea air or high use, all of which may have damaging effects on metal finishes. The longevity and preservation of the finish is determined by the base metal and finishing processes. We highly recommend products with our Bright Stainless Steel (629) or Satin Stainless Steel (630) finishes for applications subject to challenging conditions such as salt air, humid climate or strong corrosive vapors. For high-wear environments, use the Stainless Steel finishes, the Bright Chromium (625) or Satin Chromium (626) finishes. For applications calling for a less conventional treatment, our Oil-Rubbed Bronze (613) finish brings an element of graceful movement to architectural design. This finish is designed to change appearance through daily use, as the base metal of oxidized satin bronze is treated with oil only. Intentionally left uncoated, locks with this finish wear naturally and acquire a patina from elements encountered in that specific environment, from various hand lotions to the amount of humidity in the air. This finish, over time, will develop a beautifully unique look, which will vary slightly from door to door within a given building.

CARE






Various types of hardware finishes require different methods of cleaning and care. The type of base metal and finishing processes must be considered when applying a cleaning method. Stainless steel and chromium plated finishes may be cleaned with mild soap on a damp soft cloth. Oil-Rubbed finishes should NOT be cleaned with soaps or solvents. Instead, a clean, dry soft cloth should be used to wipe away dirt. Solvents should not be applied to any of our finishes.








ANSI A156.5, 2001, AUXILIARY LOCKS AND ANSI A156.2, 2003, BORED LOCKS AND LATCHES

				
	Keypad Deadbolt Single Locking	Keypad Front Entry/Entrance, Single Locking	Keypad Entry with Flex-Lock	Keypad Entry with Auto-Lock
Schlage	BE365 / Grade 2	FE365 / Grade 2	FE595 / Grade 2	FE575 / Grade 2
ANSI	Deadbolt thrown from outside by keyway turn after pressing Schlage button or by inside thumbturn. Deadbolt retracted from outside by entering valid user code then rotating keyway turn or by inside thumbturn. Key can be used to unlock as backup.	Deadbolt thrown from outside by keyway turn after pressing Schlage button or by inside thumbturn. Deadbolt retracted from outside by entering valid user code then rotating keyway turn or by inside thumbturn. Key can be used to unlock as backup.	Flex-Locking, choose to remain unlocked from outside by rotating inside thumbturn. Unlocked by valid user code from outside. Inside lever/knob always unlocked. Key can be used to unlock as back-up.	Auto-Locking. Unlocked by valid user code from outside. Inside lever/knob always unlocked. Key can be used to unlock as back-up.

ANSI A156.2, 1996, SERIES 4000 NON-KEYED LOCKS

					
	Passage Latch	Exit Lock	Patio Lock	Bed/Bath Privacy Lock	Single Dummy Trim
Schlage	A10S / Grade 2 AL10S / Grade 2 F10 and FA10 / Grade 2 S10D / Grade 2	A25D AL25D	A30D / Grade 2 F30 and FA30 / Grade 2	A40S / Grade 2 AL40S / Grade 2 F40 and FA40 / Grade 2 S40D / Grade 2	A170 AL170 F170, FA170 S170
ANSI	F75	-	F77	F76	
	Both knobs/levers always unlocked.	Blank plate outside. Inside knob always unlocked. Specify door thickness, 1-3/8" (35mm) or 1-3/4" (44mm)	Push-button locking. Turning inside knob releases button. Closing door on A-Series also releases button. (A-Series lever available inside only. Levers not available in F-Series)	Push-button locking. Can be opened from outside with a small tool. Turning inside knob/lever releases push-button. Closing door on all except F40 and S40D also releases button.	Single dummy trim for one side of door. Used for door pull or as matching inactive trim.

ANSI A156.2, 1996, SERIES 4000 KEYED LOCKS

					
	Entrance Lock	Entrance/Office Lock	Entrance Lock	Classroom Lock	Storeroom Lock
Schlage	F51 / Grade 2 FA51 / Grade 2 S51PD / Grade 2	AL50PD / Grade 2	A53PD / Grade 2 AL53PD / Grade 2	A70PD / Grade 2 AL70PD / Grade 2 S70PD / Grade 2	A80PD / Grade 2 AL80PD / Grade 2 F80PD / Grade 2 S80PD / Grade 2
ANSI	F81	F82	F82	F84	F84
	Unlocked by key from outside when outer knob/lever is locked by turn-button in inside knob/lever. Inside knob/lever always unlocked.	Push-button locking. Pushing button locks outside lever until unlocked with key or by turning inside lever.	Turn/push-button locking. Pushing and turning button locks outside knob/lever requiring use of key until button is manually unlocked. Push-button locking: Pushing button locks outside knob/lever until unlocked by key or by turning inside knob/lever	Outside knob/lever locked and unlocked by key. Inside knob/lever always unlocked.	Outside knob/lever fixed. Entrance by key only. Inside knob/lever always unlocked.

† **Caution:** Double-cylinder locks on residences and any door in any structure which is used for egress are a safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

ANSI A156.5, 1992, BORED DEADBOLT LOCKS

ANSI A156.5, 1992, BORED DEADBOLT LOCKS

Schlage	B360N and BA360 / Grade 2 BC160P / Grade 2 B660P / Grade 1	B362N [†] and BA362 [†] / Grade 2 BC162P [†] / Grade 2 B662P [†] / Grade 1	BR280 / Grade 2 B380 / Grade 2 BC180 / Grade 2 B680 / Grade 1	Schlage	B250PD / Grade 2	B252PD [†] / Grade 2
ANSI	E2152, E2151	E2142, E2141	E2192, E2191	ANSI	E2122	E2112
	Deadbolt thrown or retracted by key from outside or by inside turn unit. Bolt automatically deadlocks when fully thrown.	Deadbolt thrown or retracted by key from either side. Bolt automatically deadlocks when fully thrown.	Deadbolt thrown or retracted by turn unit only. No outside trim. Bolt automatically deadlocks when fully thrown.		Deadlocking latchbolt retracted by key from outside or by inside turn unit. Hold-back feature keeps latch retracted.	Deadlocking latchbolt retracted by key from either side. No hold-back feature.

ANSI A156.12, 1992, INTERCONNECTED LOCKS

Schlage	H110 / Grade 2 S210PD / Grade 2	S251PD / Grade 2	S280PD / Grade 2	S290
ANSI	F95	F97	F98	-
	Deadbolt thrown or retracted by key in upper lock from outside or by inside turn unit. Bolt automatically deadlocks when fully thrown. Latchbolt retracted by knob/lever from either side. Inside knob/lever retracts deadbolt and deadlatch simultaneously for immediate exit.	Deadbolt thrown or retracted by key in upper lock from outside or by inside turn unit. Bolt automatically deadlocks when fully thrown. Outer lever unlocked by key when locked by turn button on inside lever. Turning inside lever retracts deadbolt and deadlatch simultaneously for immediate exit. Latch automatically deadlocks when door is closed.	Deadbolt thrown or retracted by key from outside or by inside turn unit. Bolt automatically deadlocks when fully thrown. Outside knob/lever is fixed. Entrance by key only. Turning inside knob/lever retracts deadbolt and latch simultaneously for immediate exit.	Dummy trim for one side of door. Used for door pull or as matching inactive trim.

ANSI A156.13, 1994, SERIES 1000 ENTRANCE HANDLESETS

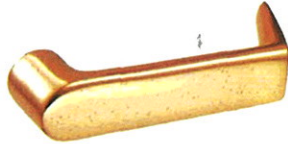
Schlage	F360 and FA360	F362 [†] and FA362 [†]	F393 and FA393
ANSI	-	-	-
	Deadbolt thrown or retracted by key from outside or by inside turn unit. Latch retracted by thumbpiece from outside or by inside knob/lever.	Deadbolt thrown or retracted by key from either side. Latch retracted by thumbpiece from outside or by inside knob/lever.	For use as door pull or as dummy trim on inactive leaf of pair of doors. Fixed thumbpiece and inside knob/lever. Dummy cylinder with inside plate.

[†] **Caution:** Double-cylinder locks on residences and any door in any structure which is used for egress are a safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

REFLECTIVE



Bright Brass-605, US3
Clear-coated



Bright Bronze-611, US9
Clear-coated



Bright Chromium-625, US26
Bright chromium plated, no coating



Bright Stainless Steel-629, US32
No coating

BRUSHED



Satin Brass-606, US4
Clear-coated



Satin Bronze-612, US10
Clear-coated



Antique Brass-609, US5
Blackened, satin relieved, clear-coated



Satin Chromium-626, US26D
Satin chromium plated, no coating

OIL-RUBBED



Oil-Rubbed Bronze-613, US10B
Oxidized satin bronze, no coating

SATIN NICKEL

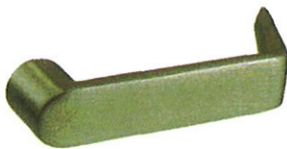


Satin Nickel-619, US15
Clear-coated



Satin Stainless Steel-630, US32D
No coating

ANTIQUE PEWTER




Antique Pewter-620, US15A
Blackened - Satin Relieved, Clear-coated

SCHLAGE

A-Series Heavy-Duty Residential & Medium-Duty Commercial Locks

KNOB/LEVER DESIGN OPTIONS

<p>1A53PDORB605</p>  <p><i>Orbit</i> A53PD</p>	<p>1A53PDGEO609</p>  <p><i>Georgian</i></p> <p>2-9/16" 65 mm 2-1/8" 54 mm 2-5/16" 59 mm</p>	<p>1A53PDORB613</p>  <p><i>Orbit</i></p> <p>2-9/16" 65 mm 2-1/8" 54 mm 2-7/8" 73 mm</p>	<p>1A53PDPLY605</p>  <p><i>Plymouth</i></p> <p>2-9/16" 65 mm 2-1/8" 54 mm 2-5/16" 59 mm</p>	<p>1A53PDTUL626</p>  <p><i>Tulip</i></p> <p>2-9/16" 65 mm 2" 51 mm 2-5/8" 67 mm</p>
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Levon

2-9/16" 65 mm
3-3/32" 79 mm
3-3/16" 81 mm

Note: Levon is available on inside only of deadlatch and keyed functions.

SPECIFICATIONS

Applications: Heavy-duty residential, light and medium-duty commercial.

Certifications: ANSI A156.2, 1996, Series 4000 Grade 2. (Formerly FF-H-106C Series 160.) UL/cUL Listed for all functions up to 3 hours.

Exposed Trim: Wrought brass, bronze, or stainless steel. Lever is zinc based, plated to match BHMA symbols.

Keying: 6-pin tumbler with two nickel silver keys per lock. Stock locks are keyed 6-pin in an Everest® C123 keyway. Other keying options available from the factory include master keying, grand master keying, construction keying and interchangeable core. For maximum key control, Classic Primus® and Everest Primus cylinders are available.

Door Range: 1-3/8" to 1-7/8" (35mm to 48mm) standard. 2" to 2-1/2" (51mm to 64mm) doors extended inside, regular parts assembled to order.

Backset: 2-3/8" (60mm) standard. 2-3/4" (70mm) and 3-3/4" (95mm) backset latches available. 5" (127mm) backset links available.

LATCHES & STRIKES

Standard latches and strikes have brass or bronze faceplates, furnished in compatible lock trim finishes.

Latches: 1" x 2-1/4" (25mm x 57mm), 1/2" (13mm) throw standard. 1-1/8" (29mm) wide faceplates available. Circular drive-in, 1/4" (6mm) radius round corner springlatches and deadlatches are also available.

Strikes: Square corner, 1-1/8" x 2-3/4" x 3/32" (29mm x 70mm x 2mm) T strike with 1-1/8" (29mm) lip, furnished with dust box, standard. Optional lip lengths 1" to 2" (25mm to 51mm) available. ANSI 1-1/4" x 4-7/8" (32mm x 124mm) strike, 1-3/16" (30mm) lip available.

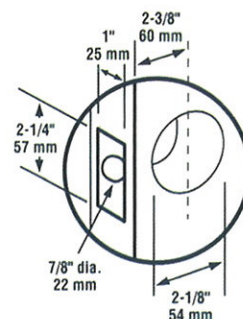
STANDARD FEATURES

- Cylindrical lock housing. Cold-rolled steel, corrosion treated for normal atmospheric conditions.
- Key removable outside knobs for easy cylinder replacement.
- Solid brass 6-pin cylinders.
- No exposed mounting screws.
- Meets or exceeds 400,000 cycle ANSI Grade 2 requirements.

FINISHES

Knobs	605	606	609	610	611	612	613	616	625	626	629	630
Georgian	■		■	■								
Orbit	■	■				■	■		■	■		
Plymouth	■	■	■			■	■		■	■		■
Tulip	■									■		
Lever												
Levon	■					■	■			■		

DOOR PREPARATION



Introduction

Hinges

Lockset

Door Handle

Door closer

Glass Door Fittings

Door Hardware Accessories

Exit Device

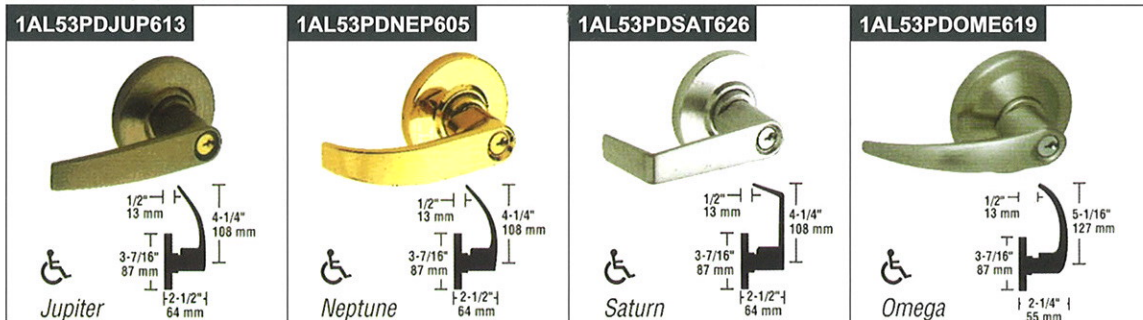
Paint-Exit Device

Steel Door

SCHLAGE

AL-Series Heavy-Duty Residential & Medium-Duty Commercial Locks

LEVER DESIGN OPTIONS



SPECIFICATIONS

Applications: Standard-duty commercial exterior and interior doors for medical, office, hotel/motel, public buildings, religious, multi-family, retail/storefront and government facilities. Also available for heavy-duty residential use.

Certifications: ANSI A156.2, 1996, Series 4000 Grade 2. Meets A117.1 accessibility code. UL/cUL Listed for all functions up to 3-hour doors.

Exposed Trim: Wrought brass or bronze. Levers are pressure cast zinc, plated to match BHMA finish symbols.

Keying: 6-pin tumbler with two nickel silver keys per lock. Stock locks are keyed 6-pin in an Everest® C123 keyway. Other keying options available from the factory include master keying, grand master keying, and construction keying. Interchangeable core available in Saturn design only. For maximum key control, Classic Primus® and Everest Primus cylinders are available.

Door Range: 1-3/8" to 1-7/8" (35 mm to 48 mm) standard. 1-7/8" to 2" (48mm to 51mm) regular parts assembled to order.

Backset: 2-3/4" (70mm) standard. 2-3/8" (60mm) and 3-3/4" (95mm) backset latches available. 5" (127mm) backset links also available.

STANDARD FEATURES

- Meets or exceeds all ANSI A156.2, 1996, Series 4000 Grade 2 strength and operational requirements including 400,000 cycle testing.
- True through-bolting of door prevents lock chassis rotation and disengagement from latch.
- Cold-rolled steel interlocking spindle design for added strength against excess force.
- Cold-rolled steel, machined, threaded hubs and locking nuts prevent loosening of the lockset by bolting chassis to the door.
- Heavy-duty compression springs extend life of spring cage, minimize droop, provide smooth, fast return action of levers and minimize droop.
- Patented door range adjuster allows quick and easy adjustment of the AL-Series for 1-3/8" to 1-7/8" (35mm to 48mm) thick doors.

LATCHES & STRIKES

Standard latches and strikes have brass or bronze faceplates, furnished in compatible lock trim finishes.

Latches: 1-1/8" x 2-1/4" (29mm x 57mm), 1/2" (13mm) throw standard. 1" (25mm) wide faceplates available. Circular drive-in, 1/4" (6mm) radius round corner springlatches and deadlatches are also available.

Strikes: ANSI 1-1/4" x 4-7/8" (32mm x 124mm) strike, 1-3/16" (30mm) lip standard. Square corner, 1-1/8" x 2-3/4" x 3/32" (29mm x 70mm x 2mm) T strike with 1-1/8" (29mm) lip, furnished with dust box, available. Optional lip lengths 1" thru 2" (25mm-51mm) available.

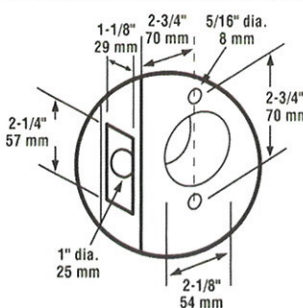
ADA-COMPLIANT PRODUCTS

In compliance with the American National Standards Institute (ANSI A117.1) and the Americans with Disabilities Act (ADA), Schlage Lock Company offers a wide selection of locks designed for the needs of the physically challenged.

FINISHES

Levers	605	606	609	612	613	619	625	626
Jupiter	■	■		■	■	■	■	■
Neptune	■	■	■	■	■	■	■	■
Omega	■	■	■	■	■	■	■	■
Saturn	■	■	■	■	■	■	■	■

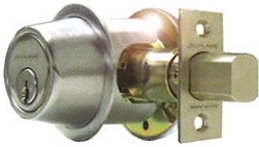
DOOR PREPARATION



SCHLAGE

B-Series Commercial Deadbolt Locks

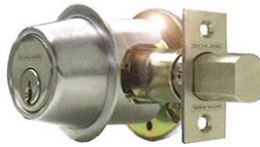
1B560PEV605



B560P

Single Cylinder

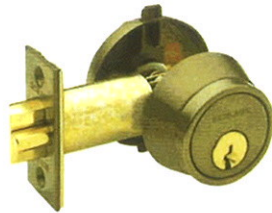
1B562PEV626



B562P

Double Cylinder

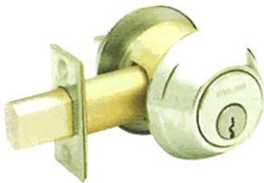
1B250PD609



B250PD
B250-Series

Nightlatch

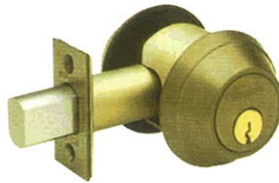
1B660P626



B660P
B600/700/800 Series

Single Cylinder

1B862P7609



B862P†
B600/700/800 Series

Double Cylinder

STANDARD-DUTY

The B500-Series deadbolt, adjustable for 2-3/8" (60mm) or 2-3/4" (70mm) backsets, features a 1" (25mm) throw, with a concealed hardened steel roller to prevent cutting or sawing the bolt. The 1" (25mm) reinforced trim ring rotates to protect against wrenching the cylinder. Solid brass 6-pin cylinder for added protection and durability. Solid steel door frame reinforcer with 1/4" (6mm) steel screws protect against kick-in attack.

NIGHTLATCH

The B250-Series nightlatch features a 9/16" (14mm) deadlatch that prevents "shimming" the bolt with a credit card or similar tool. A "hold-back" feature retains the deadlatch in a retracted position when desired. Trim rings are reinforced with hardened steel inserts. Brass or bronze faceplates are self-adjusting for beveled door edges. Also available less "hold-back" feature and with double cylinder.†

HEAVY-DUTY

Grade 1 Heavy-Duty The B600/700/800-Series are Schlage's highest grade deadbolt locks, featuring solid brass or bronze 7/8" (22mm) rotating trim rings. Bolts are made of a strong steel alloy, containing a hardened steel roller to prevent cutting or sawing. Mounting screws are protected against drilling by steel balls. B700-Series Primus* and B800-Series Primus UL 437 listed high security versions are available.

Grade 1 Heavy-Duty plus Primus high-security cylinders The B700 and B800-Series combine all the features of the B600-Series commercial deadbolt with Schlage's high-security Primus cylinders. In addition to strength and durability, the B700-Series, furnished with Primus 20-700 Controlled Access cylinders, offers key control and pick resistance. The B800-Series, furnished with Primus 20-500 High-Security cylinders, combines all these features plus drill resistance.

FINISHES

Series	605	606	609	610	611	612	613	616	619	625	626
BC500	■	■	■			■	■		■	■	■
B250	■	■	■			■	■			■	■
B600	■	■	■			■	■		■	■	■
B700	■	■	■			■	■		■	■	■
B800	■	■	■			■	■		■	■	■

†Caution: Double cylinder locks on residences and any door in any structure which is used for egress are safety hazards in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

Introduction
Hinges
Lockset
Door Handle
Door closer
Glass Door Fittings
Door Hardware
Accessories
Exit Device
Panic Exit Device

SCHLAGE

B-Series Commercial Deadbolt Locks

SPECIFICATIONS

Applications: Auxiliary and primary locking. B-Series locks are designed to meet various security door preparations and functional requirements as determined by local codes and life safety regulations.

Certifications: ANSI A156.5, 2001. B500-Series, Grade 2; B250-Series, Grade 2; B600/700/800-Series, Grade 1. B500-Series and B600/700/800-Series are UL/cUL listed as an auxiliary lock for all functions up to 3-hour doors. B800-Series is UL 437 listed.

Exposed Trim: B500-Series, B250-Series: Wrought brass or bronze with steel security insert. B600/700/800-Series: Solid brass or bronze with pressure cast zinc thumbturn, plated to match finishes indicated.

Keying: B500, B250, B600-Series: 6-pin tumbler standard with two nickel silver keys per lock. Also available with Everest patent protected keying system. Stock locks are keyed 6-pin in an Everest® C123 keyway for the B500 and B250. B700-Series: Primus 20-700 Controlled Access cylinder. B800-Series: Classic Primus or Everest Primus 20-500 High-Security cylinder. Other keying options for B-Series available from the factory include Everest master keying, grand master keying and construction keying (construction keying not available for B700/800-Series). The B500, B250, B600 and B700-Series available with interchangeable cores. B250-Series also available with Classic Primus® or Everest Primus high-security cylinders.

Door Range: B500-Series, 6-pin: 1-3/8" to 1-3/4" thick (35mm to 44 mm) standard. Available to 2-1/4" (57mm) assembled to order. B250-Series, 5-pin, 1-3/8" to 1-3/4" (35mm to 44mm) standard. Available to 5-9/16" (141mm), assembled to order. B600/700/800-Series: 1-5/8" to 2" (35mm to 51mm) standard. Available for 1-3/8" (35mm) and doors up to 4" (102mm), assembled to order. Door ranges may vary by function.

Backset: B500-Series: 2-3/8" (60mm) or 2-3/4" (70mm) adjustable backset deadbolt standard. B250-Series: 2-3/8" (60mm) standard. 2-3/4" (70mm) available. B600/700/800-Series: 2-3/4" (70mm) standard, 2-3/8" (60mm), 3-3/4" (95mm), 5" (127mm) available.

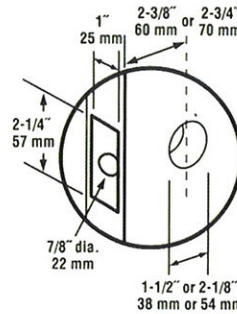
LATCHES & STRIKES

Standard latches and strikes have brass, bronze or steel faceplates, furnished in compatible lock trim finishes.

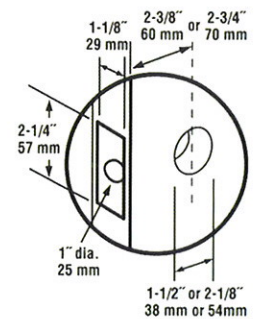
Latches: B500-Series: 1" (25mm) throw standard latch with square corner. B250-Series: 1-1/8" x 2-1/4" (29mm x 57mm), 9/16" (14mm) throw standard. B600/700/800-Series: 1-1/8" x 2-1/4" (29mm x 57mm), 1" (25mm) throw standard. Circular drive-in deadbolt also available.

Strikes: B500, B600/700/800-Series: Square corner, 1-1/8" x 2-3/4" (29mm x 70mm) strike, no lip, furnished with dust box and door frame reinforcer, standard. ANSI 1-1/4" x 4-7/8" (32mm x 124mm) with 1-3/16" (30mm) lip, drive-in and full lip strikes are also available. B250-Series: Square corner, 1-1/8" x 2-3/4" (29mm x 70mm) strike with 1-1/8" (29mm) lip, furnished with dust box, standard. Optional lip lengths 1" to 6" (25mm to 152mm) available. ANSI 1-1/4" x 4-7/8" (32mm x 124mm) with 1-3/16" (30mm) lip also available.

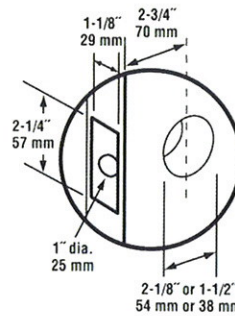
DOOR PREPARATION



B500 Series



B250 Series



B600/700/800 Series

Adapter Rings

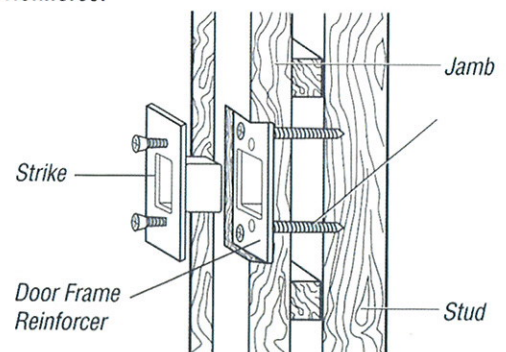
B500, B250-Series
2-1/2" (63 mm) Diameter
38-031



Steel adapter rings, plated to match finish indicated, are provided as standard for B500-Series locks for 2-1/8" (54mm) door preparations. (One ring per cylinder; BC100 turn unit accommodates 2-1/8" (54mm) door preparation.) Adapter rings are an available option for the B250-Series for 2-1/8" (54mm) door preparations.

Door Frame Reinforcer

37-016



The B500 and B600/700/800-Series deadbolt locks are furnished standard with the door frame reinforcer. This unit significantly strengthens a wood jamb against "kick-in" attack and greatly increases the security effectiveness of the lock. The reinforcer is concealed under the strike and is anchored to the jamb with two 3" (76mm) long screws.

SCHLAGE

BA-Series, B-Series and JD-Series Residential Deadbolt Locks



HEAVY-DUTY RESIDENTIAL/LIGHT-DUTY COMMERCIAL

The BA300-Series Deadbolts and B300-Series Maximum Security Deadbolts feature hands-free installation and a 1" (25 mm) throw deadbolt, with a concealed hardened steel roller to prevent cutting or sawing the bolt.

The BA300-Series includes additional decorative features such as concealed screws, and decorative roses and thumbturn designs. Both series offer a Triple Option Faceplates and concealed spin rings that rotate to protect against wrenching the cylinder. Solid brass 5 or 6-pin cylinders are assembled with pick resistant spool pins for added protection and durability. Solid steel door frame reinforcer with 3" screws protect against kick-in attacks.

SPECIFICATIONS

Applications: Auxiliary and primary locking for residential and commercial buildings. B-Series locks are designed to meet various security door preparations and functional requirements as determined by local codes and life safety regulations.

Certifications: BA-300, B300 Maximum Security Deadbolt-Series, Grade 2; JD-Series, ANSI A156.5, 2001, Grade 3.

Exposed Trim: BA-300, B300-Series: Wrought brass or bronze. JD-Series: Solid forged brass; wrought brass trim rings.

Keying: BA-300, B300-Series: 5-pin tumbler standard with two nickel silver keys per lock. Available with 6-pin tumblers, assembled to order. JD-Series: Schlage C keyway with three brass keys. Locks are keyed 5-pin.

Door Range: BA-300, B300 Maximum Security and JD-Series Deadbolts, 5-pin: 1-3/8" to 1-3/4" (35 mm- 44 mm) standard. BA-300 and B300 Series: Available to 2-1/4" (57 mm), assembled to order.

Backsets: BA-300, B300 Maximum Security and JD-Series Deadbolts: 2-3/8" (60 mm) or 2-3/4" (70 mm) universal backset deadbolt standard.

DEADBOLTS & STRIKES

Standard deadbolts and strikes have brass, bronze or steel faceplates, furnished in compatible lock trim finishes.

Deadbolts: BA300, B300 Series: 1" x 2-1/4" (25 mm x 57 mm). 1" (25 mm) throw standard. Circular drive-in, 1/4" (6 mm) round corner deadbolts are also available. JD-Series: 1" x 2-1/4" (25 mm x 57 mm). 1" (25mm) throw.

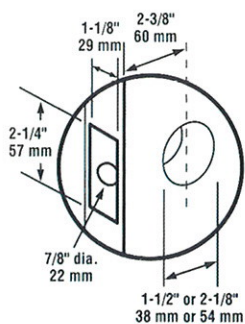
Strikes: B300-Series: Square corner, 1-1/8" x 2-3/4" (29 mm x 70 mm) strike, no lip, furnished with dust box and door frame reinforcer, standard. ANSI 1-1/4" x 4-7/8" (32 mm x 124 mm) with 1-3/16" (30 mm) lip, drive-in and full lip strikes are also available. JD-Series: 1-5/8" x 2-1/4" (41 mm x 57mm) square strike plate and strike frame reinforce standard optional strikes - see price book for details.

FINISHES

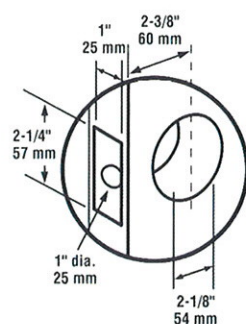
Series	505	605	606	609	612	613	619	620	625	626	716
BA300	■	■		■	■	■	■	■	■	■	■
B300	■	■		■		■	■	■	■	■	■
JD		■		■			■	■		■	

Caution: Double cylinder locks on residences and any door in any structure which is used for egress are a safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only. "Ultima" Lifetime Anti-Tarnish finish for exterior deadbolts and Lifetime Mechanical Warranty for residential applications.

DOOR PREPARATION



BA300, B300-Series



JD-Series

Introduction

Hinges

Lockset

Door Handle

Door closer

Glass Door Fittings

Door Hardware Accessories

Exit Device

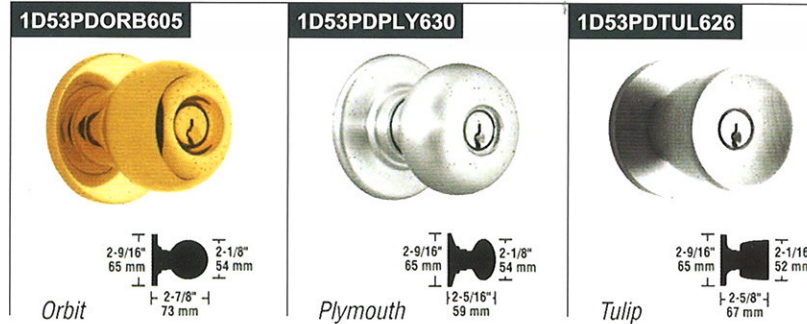
Partic Exit Devices

Special Order

SCHLAGE

D-Series Heavy-Duty Commercial Locks

KNOB DESIGN OPTIONS



SPECIFICATIONS

Applications: Extra heavy-duty residential, commercial, institutional and industrial applications.

Certifications: ANSI A156.2, 1996, Series 4000 Grade 1. (Formerly FF-H-106C Series 161.) UL/cUL Listed for all functions up to 3-hour doors.

Exposed Trim: Wrought brass, bronze, or stainless steel.

Keying: 6-pin tumbler with two nickel silver keys per lock. Stock locks are keyed 6-pin in an Everest® C123 keyway. Other keying options available from the factory include master keying, grand master keying, construction keying and interchangeable core. For maximum key control, Classic Primus® and Everest Primus cylinders are available.

Door Range: Knob designs: Orbit, Plymouth and Tulip design standard 1-3/8" to 2" (35mm to 51mm). 2" to 2-1/2" (51mm to 64mm) regular parts assembled to order.

Backset: 2-3/4" (70mm) standard. 2-3/8" (60mm) and 3-3/4" (95mm) backset latches available. 5" (127mm) backset link available.

LATCHES & STRIKES

Brass latch faceplates and strikes, furnished in compatible lock trim finishes.

Latches: 1-1/8" x 2-1/4" (29mm x 57mm), 1/2" (13mm) throw standard. 3/4" (19mm) throw fire door latches available.

Strikes: ANSI 1-1/4" x 4-7/8" (32mm x 124mm), 1-3/16" (30mm) lip, 10-025 standard, 1-3/8" (35mm) lip available. Optional square corner strike, 1-3/4" x 2-3/4" x 1/8" (32mm x 124mm x 3mm), 1-1/8" (28mm) lip 10-013, furnished with dust box. 1-1/2" (38mm) lip available.

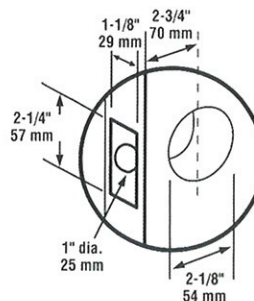
STANDARD FEATURES

- Cylindrical lock housing. Cold-rolled steel, corrosion treated for normal atmospheric conditions.
- Key removable outside knobs for easy cylinder replacement.
- Solid brass 6-pin cylinders.
- No exposed mounting screws.
- Exceeds 800,000 cycle ANSI Grade 1 requirements.

FINISHES

Knobs	605	606	609	610	611	612	613	616	619	625	626	629	630
Orbit	■	■	■			■	■			■	■		■
Plymouth	■	■	■			■	■			■	■		■
Tulip	■	■	■			■	■			■	■		


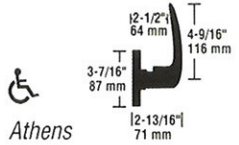

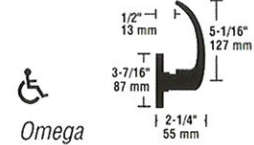

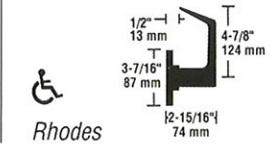



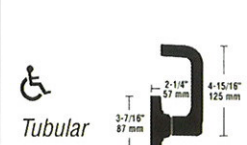
DOOR PREPARATION



SCHLAGE

D-Series Levers Heavy-Duty Commercial Locks

LEVER DESIGN OPTIONS

<p>1D53PDATH606</p>   <p><i>Athens</i></p>	<p>1D53PDOME619</p>   <p><i>Omega</i></p>	<p>1D53PDRHO605</p>   <p><i>Rhodes</i></p>	<p>1D53PDSPA625</p>   <p><i>Sparta</i></p>	<p>1D53PTUB626</p>   <p><i>Tubular</i></p>
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SPECIFICATIONS

Applications: D-Series locks are for commercial, institutional and industrial use, such as schools, hospitals and factories, where a long life of dependable operation must be combined with a high degree of resistance to physical abuse.

Certifications: Meets or exceeds ANSI A156.2, 1996, Series 4000, Grade 1 strength and operational requirements. Meets A117.1 Accessibility Code.

Exposed Trim: Levers: Pressure cast zinc, plated to match finish symbols. Roses: Solid brass.

Keying: 6-pin Everest C123 keyway standard with two patented nickel silver keys per lock. Interchangeable core and Primus® high security cylinders. Master keying, grand master keying and construction keying.

Door Range: Lever designs: 1-5/8" to 2-1/8" (41mm-54mm) standard. Vandlgard® Functions 1-5/8" to 2-1/8" (41mm-54mm). ND85 1-3/4" to 2" (44mm-51mm).

Backset: 2-3/4" (70mm) standard. 2-3/8" (60mm) and 3-3/4" (95mm) backset latches available. 5" (127mm) link available.

LATCHES & STRIKES

Brass latch faceplates and strikes, furnished in compatible lock trim finishes.

Latches: 1-1/8" x 2-1/4" (29mm x 57mm), 1/2" (13mm) throw standard. 3/4" (19mm) throw fire door latches available.

Strikes: ANSI 1-1/4" x 4-7/8" (32mm x 124mm), 1-3/16" (30mm) lip, 10-025 standard, 1-3/8" (35mm) lip available. Optional square corner strike, 1-3/4" x 2-3/4" x 1/8" (32mm x 124mm x 3mm), 1-1/8" (28mm) lip 10-013, furnished with dust box. 1-1/2" (38mm) lip available.

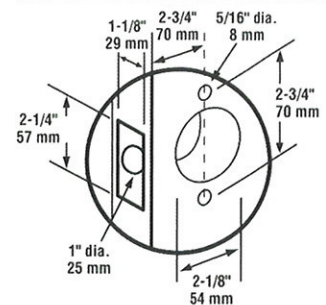
STANDARD FEATURES

- Cylindrical lock housing. Cold-rolled steel, corrosion treated for normal atmospheric conditions.
- Key removable outside levers for easy cylinder replacement.
- Solid brass 6-pin cylinders.
- No exposed mounting screws.
- Exceeds 800,000 cycle ANSI Grade 1 requirements.

FINISHES

Levers	605	606	612	613	619	625	626
Athens	■	■	■	■	■	■	■
Omega	■	■	■	■	■	■	■
Rhodes	■	■	■	■	■	■	■
Sparta	■	■	■	■	■	■	■
Tubular	■	■	■	■	■	■	■

DOOR PREPARATION



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Door closer

Glass Door Fittings

Door Hardware Accessories

Exit Device

Panic Exit Device

Steel Door

SCHLAGE

D-Series Levers Heavy-Duty Commercial Locks

D-SERIES WITH VANDLGARD™

Schlage D-Series keyed lever locks with Vandlgard provide vandal resistant technology. Designed for maximum accessibility, security and durability, Vandlgard sets the standard for door hardware in educational facilities and other applications subject to heavy traffic or abuse. The unique features of Vandlgard prevent damage to internal lock components caused by excessive force from persons kicking, hitting or standing on the lever to gain access. Vandlgard functions maintain total key system and architectural design compatibility with Schlage's regular D-Series cylindrical locks.

Benefits & Features

Superb warranty.

All Vandlgard functions have a 7-year warranty.

Reduce lever wobble and play.

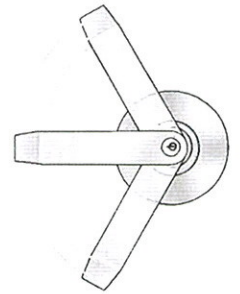
Integrated spindle and spring cage greatly reduces lever sag and wobble.

Resists vandalism.

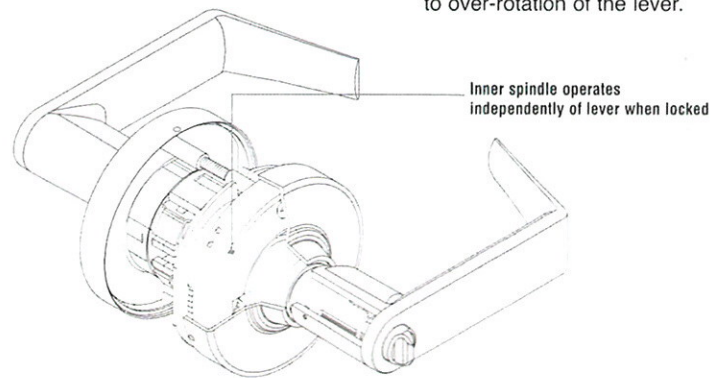
Free-wheeling lever eliminates the ability to stand or exert excessive force on the end of the lever.

Ease of installation.

Installs in under 2 minutes.



Locked lever freely rotates up and down while remaining securely locked. The Vandlgard function also increases resistance to over-rotation of the lever.



Inner spindle operates independently of lever when locked

D-SERIES ELECTRIFIED LOCKS

ELECTRICAL REQUIREMENTS

Voltage

24V AC or 24V DC

Holding Current

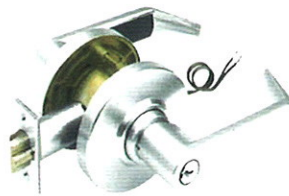
Amps .15 or .35

Operating Temperature

Maximum +151°F (+66°C),

Minimum -31°F (-33°C).

Note: All installations should be in accordance with local electrical codes.



D-Series locks are available for electrically locking and unlocking controls for high security and fire safety applications. They are UL Listed and rated for both fire and electrical single point locking on labeled doors. Refer to the lock function pages for function and design availability.

ADA-COMPLIANT PRODUCTS

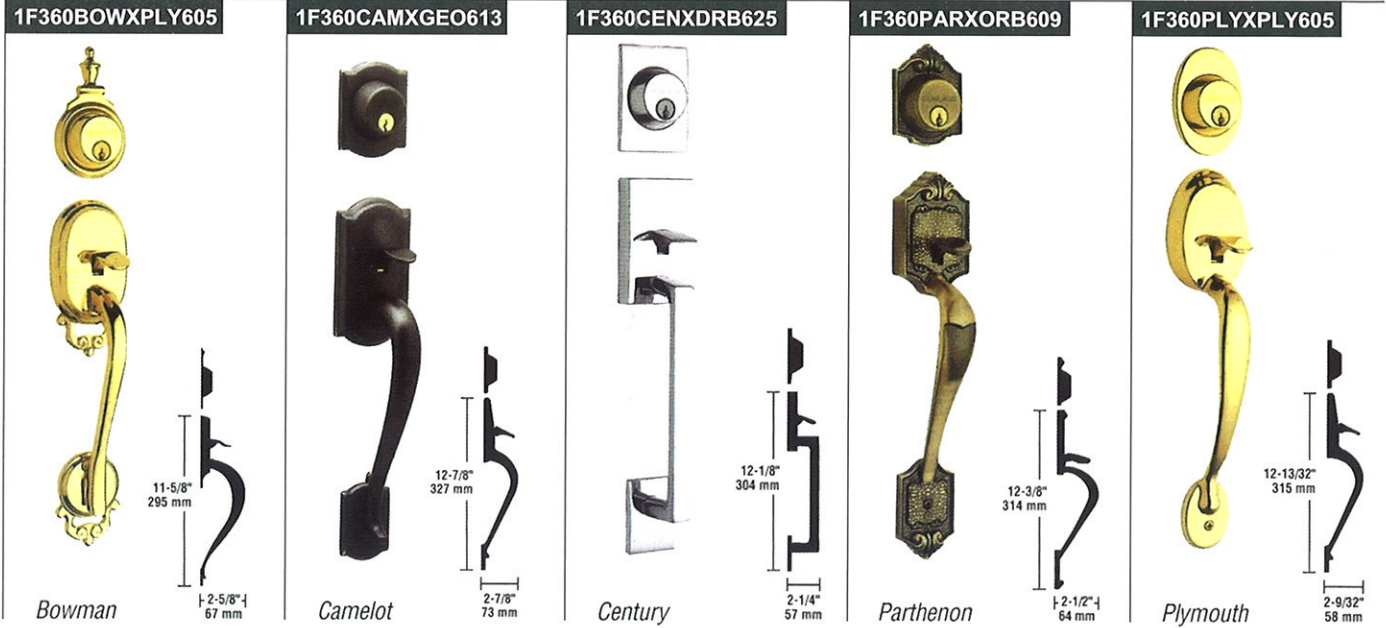
In compliance with the American National Standards Institute (ANSI A117.1) and the Americans with Disabilities Act (ADA), Schlage Lock Company offers a wide selection of locks designed for the needs of the physically challenged. This act is designed to provide protection for people with disabilities.

The intent of ADA, is that owners of certain types of buildings must remove barriers and provide people with disabilities with access equal to, or similar to, that available to the general public.

SCHLAGE

F-Series Residential Entrance Handlesets

HANDLESET DESIGN OPTIONS



SPECIFICATIONS

- Applications:** Residential single and multi-family entrance doors.
- Exposed Trim:** Outside trim: Handlesets are solid forged brass; wrought brass trim rings with concealed security inserts. Inside trim: Wrought brass; levers are pressure cast zinc, plated to match finishes indicated.
- Keying:** 6-pin tumbler with two nickel silver keys per lock. Stock locks are keyed 5-pin.
- Door Range:** 1-5/8" to 2" thick (41mm-51mm) standard.
- Backset:** Universal latches and deadbolts fit 2-3/8" (60mm) or 2-3/4" (70 mm) backsets.
- Trim Rings and Security Inserts:** F-Series handlesets are furnished with wrought brass cylinder trim rings. The cylinder trim rings are reinforced by a tapered die cast security insert installed under the trim ring for resistance to wrenching or prying the cylinder unit.

STANDARD FEATURES

- Lifetime Mechanical Warranty, 10-Year Durable Finish Warranty, Lifetime Finish Warranty, Lifetime Anti-Tarnish Finish Warranty for residential applications.
- 1" (25mm) throw deadbolt, 7/8" (22mm) housing standard.
- Solid brass pin tumbler cylinder assembled with pick resistant pins.
- Large inside thumbturn for easy operation.
- Century, Bowman and Camelot designs are through-bolted for added security. Parthenon and Plymouth designs can accommodate both through-bolting and surface installations.

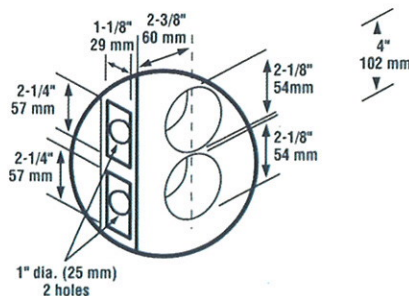
DEADBOLTS, LATCHES & STRIKES

- Deadbolt:** Furnished with B300 Maximum Security Deadbolt-Series standard deadbolt. All optional B300-Series deadbolts available.
- Latches & Strikes:** B300-Series and F-Series standard strikes. All B300-Series and F-Series optional strikes available.
- Door Frame Reinforcer (37-016):** Furnished standard with deadbolts. This unit significantly strengthens a wood jamb against "kick-in" attack and greatly increases the security effectiveness of the lock. The reinforcer is concealed under the strike and is anchored to the jamb with two 3" (76mm) long screws.

FINISHES

Handlesets	505	609	613	619	620	625	626	716
Bowman	■							
Camelot	■	■	■	■	■	■		■
Century	■					■		
Parthenon		■						
Plymouth	■	■	■	■	■	■	■	■

DOOR PREPARATION



Introduction

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Door closer

Glass Door Fittings

Door Hardware Accessories

Exit Device











Panic Exit Device

Steel Door

SCHLAGE

F-Series Residential Locksets

KNOB/LEVER DESIGN OPTIONS

 <p><i>Siena</i></p> <p>2-3/4" 70 mm 2-9/16" 65 mm 2-3/8" 60 mm</p>	 <p><i>Plymouth</i></p> <p>2-3/4" 70 mm 2-3/16" 56 mm 2-5/16" 59 mm</p>	 <p><i>Georgian</i></p> <p>2-3/4" 70 mm 2-3/16" 56 mm 2-5/16" 59 mm</p>	 <p><i>Orbit</i></p> <p>2-3/4" 70 mm 2-1/8" 54 mm 2-7/8" 73 mm</p>	 <p><i>Bell</i></p> <p>2-3/4" 70 mm 2" 51 mm 2-9/16" 65 mm</p>	
 <p><i>Avanti</i></p> <p>2-3/4" 70 mm 4-1/16" 104 mm 2-1/4" 57 mm</p>	 <p><i>Accent</i></p> <p>2-3/4" 70 mm 4-1/8" 105 mm 2-1/4" 57 mm</p>	 <p><i>Flair</i></p> <p>2-3/4" 70 mm 4" 102 mm 2-1/4" 57 mm</p>	 <p><i>Jazz</i></p> <p>2-3/4" 70 mm 4-9/32" 109 mm 2-3/4" 70 mm</p>	 <p><i>Elan</i></p> <p>2-3/4" 70 mm 3-7/8" 98 mm 2-7/16" 62 mm</p>	
FIELD REVERSIBLE		SPECIFY DOOR HANDING WHEN ORDERING		NON-HANDED LEVERS	

SPECIFICATIONS

Applications: Residential and light commercial use.

Certifications: ANSI A156.2, 1996, Series 4000 Grade 2. UL/cUL Listed up to 3-hour doors available, assembled to order when specified with "F" suffix. Example: F51F.

Exposed Trim: Wrought brass. Levers are zinc based plated to match finishes indicated.

Keying: 5-pin tumbler C keyway with two nickel silver keys. F51 key in entrance function available for all knobs and Avanti, Accent and Flair levers. All F51 functions offer interior emergency exit feature.

Door Range: 1-3/8" to 1-3/4" (35mm to 44mm) standard. Most functions available for 2" (51mm) doors, specify when ordering.

Backset: Universal latch standard, fits either 2-3/8" (60mm) or 2-3/4" (70mm) backsets. 1-1/8" (29mm) backset available.

STANDARD FEATURES

- Lifetime Mechanical Warranty, 10-Year Durable Finish Warranty.
- Pressure cast zinc tubular lock housing.
- Key removable outside knobs or levers for easy cylinder replacement.
- Three-piece assembly for fast easy installation.
- Meets 400,000 cycle ANSI Grade 2 requirements.
- One piece knob for better security and appearance.

ADA-COMPLIANT PRODUCTS

In compliance with the American National Standards Institute (ANSI A117.1) and the Americans with Disabilities Act (ADA), Schlage Lock Company offers a wide selection of locks designed for the needs of the physically challenged. These solid lever designs are available as inside trim on handlesets.

LATCHES & STRIKES

Latches: 1" x 2-1/4" (25mm x 57mm) triple option latch standard. 1/2" (13mm) throw standard. 1-1/8" (29mm) faceplate adapters available. Circular drive-in and 1/4" (6mm) radius round corner available.

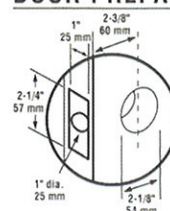
Strikes: Full lip, 1-5/8" x 2-1/4" (41mm x 57mm), 1-1/8" (29mm) lip, #10-026, standard. Optional strikes: full lip, 1/4" (6mm) radius round corner; circular drive-in, ANSI 1-1/4" x 4-7/8" (32mm x 124mm), 1-3/16" (30mm) lip. UL Listed locks are furnished with #10-001 T strike. 1-1/8" x 2-3/4" (29mm x 70mm), 1-1/8" (29mm) lip (also available with standard product).

FINISHES

Knobs	505	605	609	613	619	620	625	626	716
Siena	■	■	■	■	■	■	■		■
Plymouth	■	■		■	■		■	■	■
Georgian	■	■	■		■	■	■		■
Orbit	■	■	■	■	■	■	■	■	
Bell	■	■	■					■	
Levers									
Avanti	■	■	■		■	■			■
Accent	■	■	■	■	■	■	■		■
Flair	■	■	■	■	■	■	■	■	■
Jazz		■	■		■				
Elan		■	■					■	

Note: 1) Bath/bedroom privacy function F40 is available with inside trim in 625, Bright Chromium Plated.

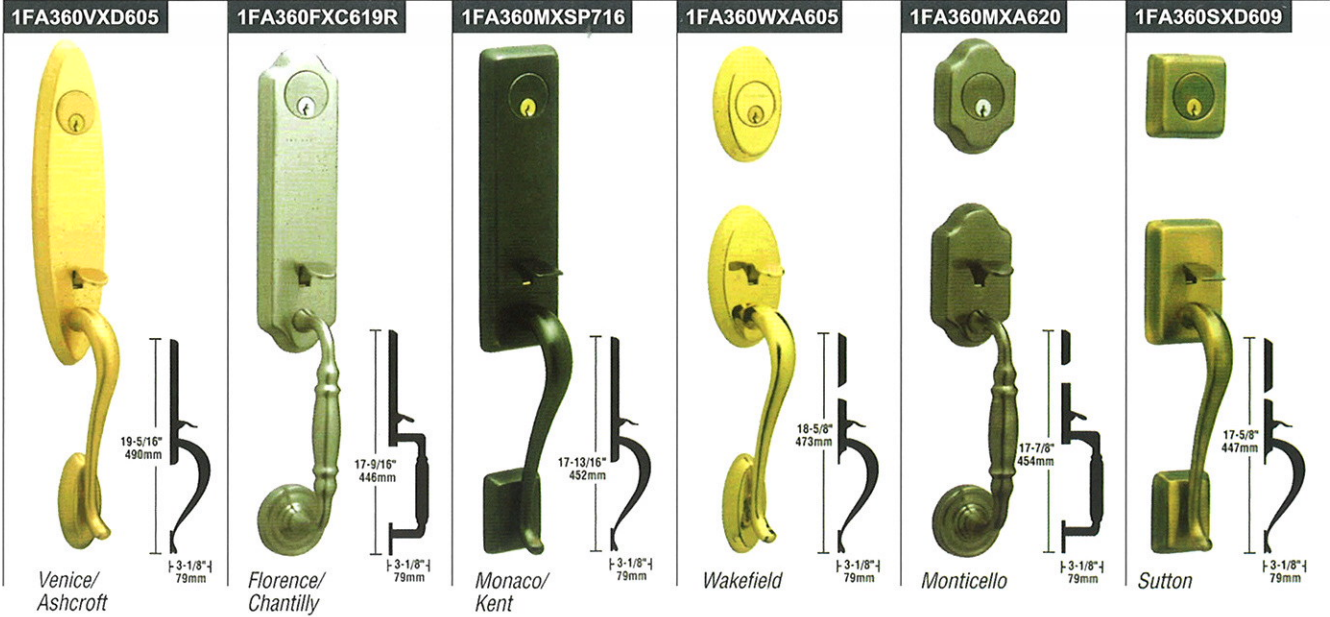
DOOR PREPARATION



SCHLAGE

FA-Series Residential Entrance Locksets

HANDLESET DESIGN OPTIONS



SPECIFICATIONS

Applications: Residential single and multi-family entrance doors.

Exposed Trim: Outside trim: Handlesets are solid forged brass; wrought brass trim rings with concealed security inserts. Inside trim: Wrought brass; levers are pressure cast zinc, plated to match finishes indicated.

Interior Trim: The one piece outside handleset designs can be combined with a one piece or two piece interior trim. The Venice, Florence, and Monaco offer a one-piece interior and the Ashcroft, Chantilly, and Kent offer a two piece interior.

Keying: 5-pin tumbler with two nickel silver keys per lock. Stock locks are keyed 5-pin.

Door Range: 1-5/8" to 2" thick (41 mm-51 mm) standard.

Backset: Universal latches and deadbolts fit 2-3/8" (60 mm) or 2-3/4" (70 mm) backsets.

Trim Rings and Security Inserts: Accents FA-Series handlesets are furnished with 7/8" wrought brass cylinder trim rings. The cylinder trim rings are reinforced by a tapered die cast security insert installed under the trim ring for resistance to wrenching or prying the cylinder unit.

STANDARD FEATURES

- Lifetime Limited Mechanical Warranty.
- Lifetime Limited Finish Warranty.
- Solid forged brass.
- Concealed screws.
- Flush cylinder design.
- 1" (25 mm) throw deadbolt, 7/8" (22 mm) housing standard.
- Solid brass pin tumbler cylinder assembled with pick resistant pins.
- Large inside thumbturn for easy operation.
- All handleset designs are through-bolted for added security.
- Accents Handlesets are designed with an adjustable through-bolt post for easy installation, which can move up and down 1-1/2" to fit a variety of pre-existing holes.

DEADBOLTS, LATCHES & STRIKES

Deadbolt: Furnished with BA300 Deadbolt-Series standard deadbolt.

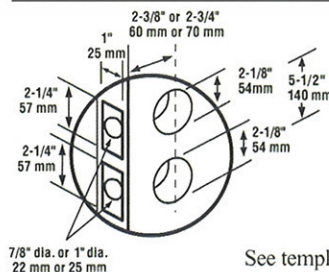
Latches & Strikes: 1" x 2-1/4" radius corner faceplate, 7/8" housing diameter, 1/2" throw spring latch with Triple-Option™ square corner and circular drive-in faceplates. UL listed locks are furnished with #10-001 T strike, 1-1/8" x 2-3/4" (29 mm x 70 mm), 1-1/8" (29 mm) lip (also available with standard product).

Door Frame Reinforcer (37-016): Furnished standard with deadbolts. This unit significantly strengthens a wood jamb against "kick-in" attack and greatly increases the security effectiveness of the lock. The reinforcer is concealed under the strike and is anchored to the jamb with two 3" (76 mm) long screws.

FINISHES

Handlesets	505	605	609	612	613	619	620	625	626	716
Florence	■	■	■		■	■	■	■	■	■
Monaco	■	■	■		■	■	■	■	■	■
Monticello	■	■	■		■	■	■	■	■	
Sutton	■	■			■	■	■	■	■	
Venice	■	■	■	■	■	■	■	■	■	■
Wakefield	■	■	■		■	■	■	■	■	■

DOOR PREPARATION



See templates.

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Door closer

Glass Door Fittings

Door Hardware Accessories

Exit Device

Paint Exit Device

SCHLAGE

FA-Series Residential Locksets

KNOB/LEVER DESIGN OPTIONS

Andover
2-3/4" 70 mm
2-1/4" 57 mm
2-5/16" 59 mm

Danbury
2-3/4" 70 mm
2-9/16" 65 mm
2-3/8" 60 mm

Callington
2-3/4" 69 mm
4-1/2" 114 mm
2-1/4" 57 mm

Champagne
2-3/4" 69 mm
4-13/16" 123 mm
2-7/16" 62 mm

FRENCH DOOR ESCUTCHEON

Shown with Champagne Lever

11/16" 11 mm
7-1/2" 190 mm
5" 127 mm
2-1/8" 54 mm

FIELD REVERSIBLE

SPECIFICATIONS

Applications: Residential single and multi-family doors.

Certifications: ANSI A156.2, 1996, Series 4000 Grade 2. UL listed locks for 3 hour fire doors are furnished with #10-001 T strike, 1-1/8" x 2-3/4" (29mm x 70mm), 1-1/8" (29mm) lip (also available with standard product).

Exposed Trim: Wrought brass. Levers are zinc based plated to match finishes indicated.

Keying: 5-pin tumbler C keyway with two nickel silver keys.

Door Range: 1-3/8" to 1-3/4" (35 mm-44 mm) standard.

Backset: Universal latch standard, fits either 2-3/8" (60 mm) or 2-3/4" (70 mm) backsets.

STANDARD FEATURES

- Lifetime Limited Mechanical Warranty.
- Lifetime Limited Finish Warranty.
- Concealed screws.
- Decorative roses.
- Decorative field reversible levers.
- Pressure cast zinc tubular lock housing.
- Key removable outside knobs or levers for easy cylinder replacement.
- Three-piece assembly for fast easy installation.
- Meets 400,000 cycle ANSI Grade 2 requirements.
- One piece knob for better security and appearance.

ADA-COMPLIANT PRODUCTS

In compliance with the American National Standards Institute (ANSI A117.1) and the Americans with Disabilities Act (ADA), Schlage Lock Company offers a wide selection of locks designed for the needs of the physically challenged. These solid lever designs are available as inside trim on handlesets.

LATCHES & STRIKES

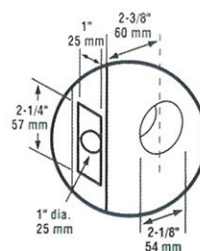
Latches: 1" x 2-1/4" (25 mm x 57 mm), 1/2" (13 mm) throw standard. Triple-Option™ faceplates including 1-1/8" (29 mm) square corner, 1/4" (6 mm) round corner and circular drive-in are standard.

Strikes: Full lip, 1-5/8" x 2-1/4" (41 mm x 57 mm), 1-1/8" (29 mm) lip, #10-026, standard. Optional strikes: full lip, 1/4" (6 mm) radius round corner; circular drive-in, ANSI 1-1/4" x 4-7/8" (32 mm x 124 mm), 1-3/16" (30 mm) lip. UL listed locks are furnished with #10-001 T strike, 1-1/8" x 2-3/4" (29 mm x 70 mm), 1-1/8" (29 mm) lip (also available with standard product).

FINISHES

Knobs	505	605	609	612	613	619	620	625	626	716
Andover	■	■	■		■	■	■	■	■	■
Danbury	■	■	■		■	■	■	■	■	■
Levers										
Chantilly	■	■	■		■	■	■	■	■	■
Champagne	■	■	■	■	■	■	■	■	■	■
St. Annes	■	■	■		■	■	■	■	■	■

DOOR PREPARATION

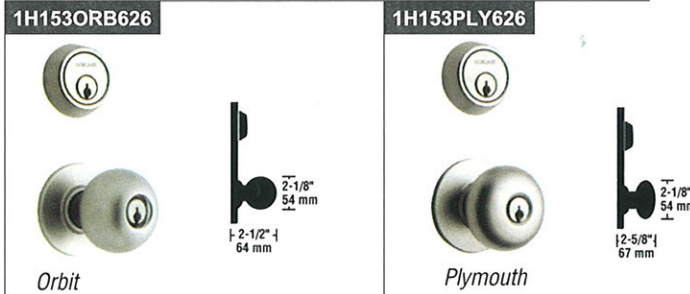


See templates.

SCHLAGE

H-Series Interconnected Locks

KNOB DESIGN OPTIONS



Note: All inside escutcheons 2-3/4" x 6-15/16" x 5/32" (70mm x 176mm x 4mm).

SPECIFICATIONS

Applications: An ideal entrance lock that is well suited for single and multi-family residential dwellings as well as commercial applications. The interconnected H-Series provides the security of deadbolt locking with the ease and convenience of a standard cylindrical chassis. The lock features simultaneous retraction of both the latch and the deadbolt from the inside by turning the knob/lever, providing panic-proof exiting.

Exposed Trim: Knobs, inside escutcheon and trim rings are wrought brass or bronze. Trim rings and levers are zinc-based plated to match BMHA finishes indicated.

Keying: 5-pin tumbler with two nickel silver keys per lock. Stock locks are keyed 6-pin in an Everest® C123 keyway. Other keying options available from the factory include master keying, grand master keying, construction keying and interchangeable cores. For maximum key control, Classic Primus® and Everest Primus cylinders are available.

Door Range: Knob and lever locks, 1-3/4" (44mm) standard [1-11/16" to 1-15/16" (43mm to 49mm)]. Also available for 1-3/8" (35mm) doors. Specify door thickness when ordering H-Series locks for other than standard door thicknesses.

Backset 2-3/8" (60mm) standard, 2-3/4" (70mm), and 5" (127mm) available.

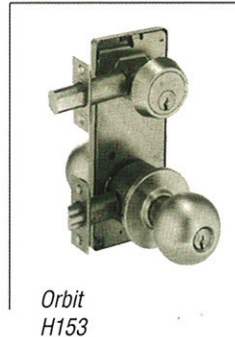
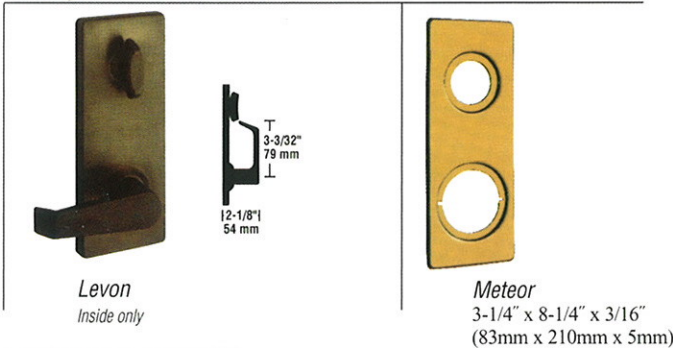
Door Frame Reinforcer (37-016): Furnished with standard deadbolts. This unique device significantly strengthens a wood door jamb against "kick-in" attack and greatly increases the security effectiveness of the lock. The reinforcer is concealed under the strike and is anchored to the jamb with two 3" (76mm) long screws.

Meteor Escutcheon (36-056): Material: wrought brass or bronze. Size: 3-1/4" x 8-1/4" x 3/16" (83mm x 210mm x 5mm). The Meteor escutcheon may be ordered as an accessory to tie-in outside trim.

STANDARD FEATURES

- Combines standard cylindrical A-Series lock chassis with added security and strength of a deadbolt.
- Patented wood frame reinforcer for deadbolt.
- 1" throw deadbolt with hardened steel roller resists swing.
- No exposed mounting screws.

KNOB/LEVER DESIGN OPTIONS



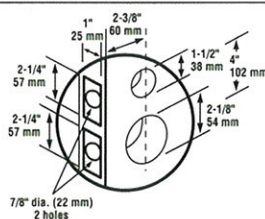
LATCHES & STRIKES

Latches 1" x 2-1/4" (25mm x 57mm), 1/2" (13mm) throw A-Series latches with 7/8" (22mm) housings standard. All A-Series latches available.

Strikes Furnished with standard A and BC100-Series strikes. Optional A and B-Series strikes available.

Deadbolt 1" (25mm) throw B250-Series deadbolts with concealed hardened steel rollers, 1" x 2-1/4" (25mm x 57mm) faceplates, and 7/8" (22mm) housings standard.

DOOR PREPARATION



FINISHES

Knobs/Levers	605	606	609	610	611	612	613	616	625	626
Levon	■					■	■			■
Orbit	■	■	■	■	■	■	■	■	■	■
Plymouth	■	■	■	■	■	■	■	■	■	■
Escutcheon										
Meteor (36-056)	■	■	■			■	■		■	■

Introduction

Hinges

Lockset

Door Handle

Door closer

Glass Door Fittings

Door Hardware Accessories

Exit Device

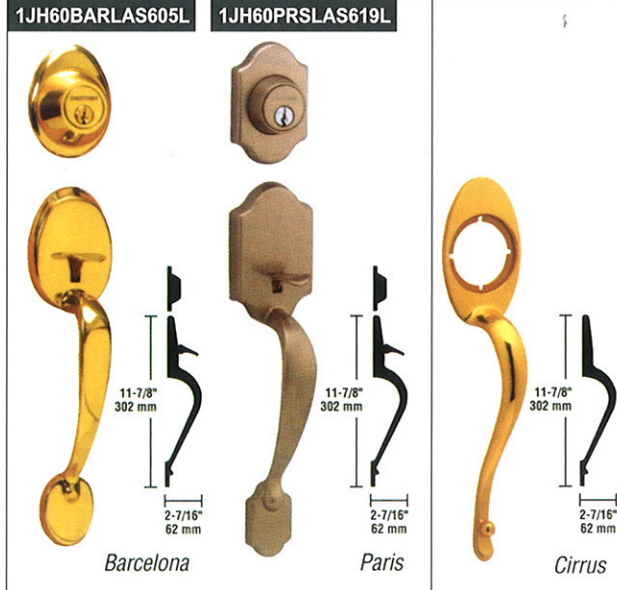
Paint Exit Devices

Special Tools

SCHLAGE

J-Series Residential Locksets

HANDLESET/DEADBOLT DESIGN OPTIONS



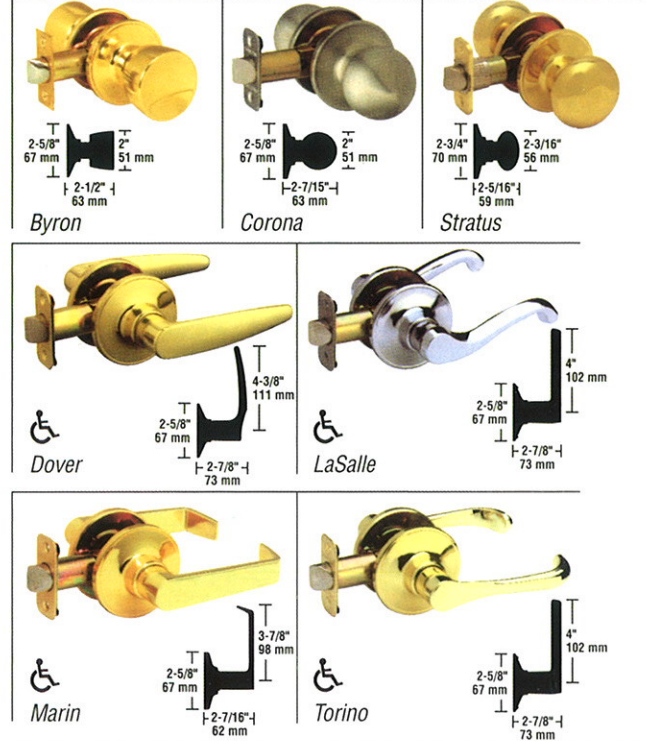
SPECIFICATIONS

- Applications:** Residential single and multi-family doors.
- Certifications:** ANSI A156.2, 1996, Series 4000 Grade 3.
- Exposed Trim:** Handlesets are solid forged brass; wrought brass trim rings. Knobs/Levers are rough brass or bronze. Levers are zinc based plated to match finishes indicated.
- Keying:** Schlage C keyway with three brass keys. Locks are keyed 5-pin.
- Door Range:** 1-3/8" to 1-3/4" (35mm - 44mm) standard.
- Backset:** Universal latch standard, fits either 2-3/8" (60mm) or 2-3/4" (70mm) backsets.
- Warranty:** Lifetime mechanical warranty, 5 year finish warranty.
- UL Listing:** Handleset available with UL Listing - Box pack only. Knob/Levers available with UL Listing. Box Pack only.

LATCHES AND STRIKES

- Deadbolt Latches:** 1" (25mm) housing diameter, 1" (25mm) throw. Box Pack - Dual Option adjustable bolt with 1" x 2-1/4" (25mm x 57mm) round corner and square corner faceplates standard. Optional drive-in adjustable bolt. Visual Pack - Triple Option™ adjustable bolt with 1" x 2-1/4" (25mm x 57mm) round corner, square corner and drive-in faceplates standard.
- Spring Latches:** 1" (25mm) housing diameter, 1/2" (15mm) throw. Box Pack - Dual Option adjustable latch with 1" x 2-1/4" (25mm x 57mm) round corner and square corner faceplates standard. Optional drive-in adjustable latch. Visual Pack - Triple Option adjustable latch with 1" x 2-1/4" (25mm x 57mm) round corner, square corner and drive-in faceplates standard.
- Deadbolts Strikes:** 1-5/8" x 2-1/4" (41mm x 57mm) square strike plate and strike frame reinforcer standard. Optional strikes: square full lip, radius full lip 1" x 2-1/4" (25mm x 57mm) and 4-hole radius full lip 1-1/4" x 3-5/8" (32mm x 592mm).
- Latch Strikes:** 1-5/8" x 2-1/4" (41mm x 57mm) radius full lip standard. Optional Strikes: Square full lip, square corner.

KNOB/LEVER DESIGN OPTIONS

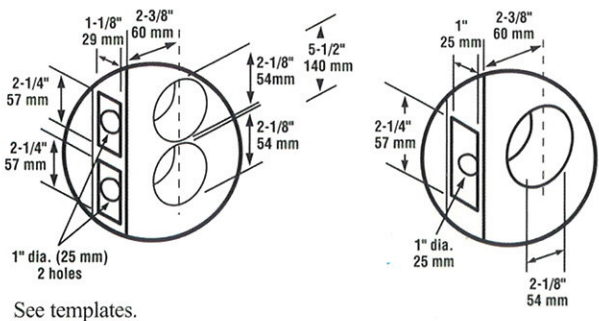


Note: Dover, Marin and Torino lever designs are non-handed. Specify door handing for LaSalle lever design.

FINISHES

Handlesets	605	609	619	620	625	630
Barcelona	■	■	■	■	■	■
Paris	■	■	■	■	■	■
Cirrus	■	■	■	■	■	■
Knobs						
Byron	■	■				■
Corona	■	■	■	■	■	■
Stratus	■	■	■			■
Levers						
Dover	■	■				■
LaSalle	■	■	■	■	■	■
Marin	■	■	■	■	■	■
Torino	■	■	■	■	■	■

DOOR PREPARATION



SCHLAGE

L-Series Heavy-Duty Small Case Mortise Deadbolt Locks

SPECIFICATIONS

Applications: For commercial and institutional buildings where the finest in auxiliary mortise deadbolt locks are required.

Certifications: ANSI A156.5, 2001, Grade 1. UL/cUL Listed.

Exposed Trim: Wrought brass, bronze or stainless steel.

Keying: 6-pin tumbler with two nickel silver keys per lock. Stock locks are keyed 6-pin in an Everest® C123 keyway. Keying options available from factory are master keying, construction keying, interchangeable core, Primus® high-security cylinders and Everest patent protected keying system.

Door Range: 1-3/4" (44mm) standard. Available to 3" (76mm), regular parts assembled to order. Specify door thickness.

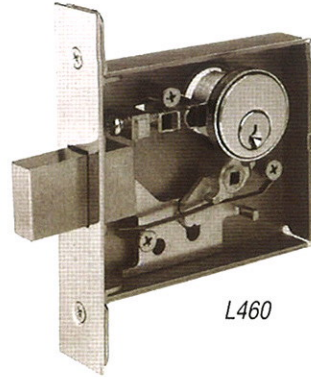
Case Size: 4-7/16" x 3-5/8" x 1" (113mm x 92mm x 25mm).

Armored Front: 1-1/4" x 5-19/32" x 7/32" (32mm x 142mm x 6mm) standard.

Strikes: 1-1/8" x 3-1/2" (29mm x 89mm), no lip, furnished with dust box, standard. 1-1/4" x 4-7/8" (32mm x 124mm), no lip, available.

Backset: 2-3/4" (70mm) only.

Deadbolt: 1" (25mm) throw stainless steel.



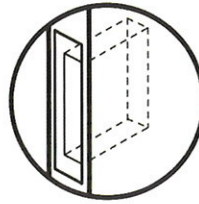
1L460P630

L460

FINISHES

605	606	612	613	619	625	626	629	630
■	■	■	■	■	■	■	■	■

DOOR PREPARATION



L-Series Heavy-Duty Mortise Locks

EXTRUDED LEVER DESIGN OPTION

CAST/FORGED LEVER DESIGN OPTIONS

<p>93</p> <p>3/8" 10 mm</p> <p>5" 127 mm</p> <p>1-3-1/8" 79 mm</p>	<p>01</p> <p>3-7/8" 98 mm</p> <p>2-11/16" 68 mm</p>	<p>02</p> <p>4-3/4" 121 mm</p> <p>2-15/16" 75 mm</p>	<p>03</p> <p>1/2" 13 mm</p> <p>4-3/4" 121 mm</p> <p>3" 76 mm</p>	<p>05</p> <p>3-3/4" 95 mm</p> <p>2-7/8" 73 mm</p>
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Introduction

Hinges

Lockset

Door Handle

Door closer

Glass Door Fittings

Door Hardware Accessories

Exit Device

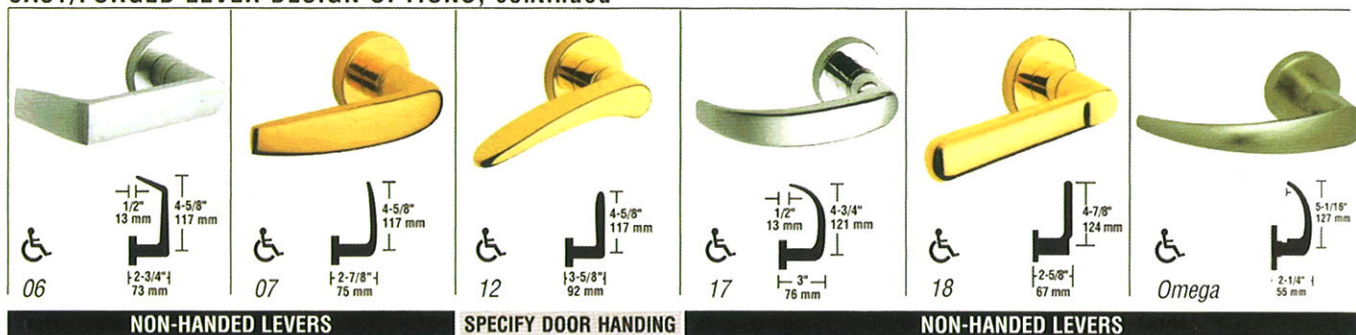
Paint Exit Device

Special Locks

SCHLAGE

L-Series Heavy-Duty Mortise Locks

CAST/FORGED LEVER DESIGN OPTIONS, continued



SPECIFICATIONS

Applications: For commercial and institutional buildings where the finest in mortise locks are required.

Certifications: ANSI A156.13, 1994, Grade 1 Operational, Grade 1 Security. ANSI/ASTM F476-84 Grade 30, UL/cUL Listed.

Knobs and Levers: Cast/Forged Lever Designs: Forged brass, forged bronze, or cast stainless steel. 93 Lever: Extruded brass, bronze, or stainless steel.

Roses: A Design: 2-1/8" (54mm) diameter wrought brass, bronze or stainless steel. B Design: 2-9/16" (65mm) diameter wrought brass, bronze or stainless steel.

Escutcheons: L escutcheons are cold forged brass or bronze and stainless steel. N escutcheons are heavy wrought reinforced brass, bronze or stainless steel. L = 8" x 1-3/4" x 7/16" (203mm x 44mm x 11mm). N = 8" x 2-9/16" x 7/16" (203mm x 65mm x 11mm).

Trim Combinations: Available with knob both sides, lever both sides or knob x lever, with rose or escutcheon both sides.

Keying: 6-pin tumbler with two nickel silver keys per lock. Stock locks are keyed 6-pin in an Everest® C123 keyway. Keying options available from factory are master keying, construction keying, interchangeable core, Classic Primus® or Everest Primus high-security cylinders and Everest patent protected keying system.

Spacing: ⌀ knob/lever to ⌀ cylinder, 3-55/64" (98mm); ⌀ knob/lever to ⌀ turn-piece, 2-11/16" (68mm).

Door Range: 1-3/4" (44mm) standard. 1-3/8" to 2-1/2" (35mm to 64mm) regular parts assembled to order. Over 2-1/2" (64mm) door ranges vary by function. N escutcheon available for 1-3/4" (44mm) doors standard. 2" to 2-3/8" (51mm to 60mm) regular parts assembled to order. Specify door thickness and armor front required.

Case Size: 4-7/16" x 6-1/16" x 1" (113mm x 154mm x 25mm).

Armored Front: 1-1/4" x 8" x 7/32" (32mm x 203mm x 6mm) standard. 1-1/16" x 8" x 7/32" (27mm x 203mm x 6mm) optional.

Backset: 2-3/4" (70mm) only.

Deadbolt: 1" (25mm) throw stainless steel.

Latchbolt: 3/4" (19mm) throw stainless steel with anti-friction tongue.

Functions: All functions are available except as follows: 93 Lever and N Escutcheon not available for L9486 function.

ADA-COMPLIANT PRODUCTS ♿

In compliance with the American National Standards Institute (ANSI A117.1) and the Americans with Disabilities Act (ADA), Schlage Lock Company offers a wide selection of locks designed for the needs of the physically challenged. L-Series mortise lock lever designs meet or exceed the most stringent accessibility codes.

FINISHES

Trim	605	606	609	610	611	612	613	616	619	625	626	629	630
All Levers, except 01, 02, 05 & 18	■	■	■	■	■	■	■	■	■	■	■	■	■
01, 02, 05 & 18 Levers	■	■	■	■					■	■	■	■	
41 & 42 Knobs	■	■				■	■		■	■	■	■	■
A & B Roses	■	■	■	■	■	■	■	■	■	■	■	■	■
L & N Escutcheon	■	■	■	■	■	■	■	■	■	■	■	■	■

TRIM OPTIONS

Levers	Roses		Escutcheons	
	A	B	L	N
All Levers, except 93	■	■	■	■
93 Lever	■	■		■

To specify complete design, combine the numeric knob or lever design with the alpha rose or escutcheon design. Example: 03L, 93A, 42B.

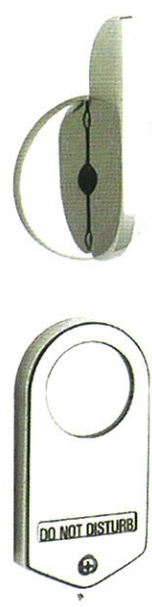
SCHLAGE

L-Series Heavy-Duty Mortise Locks

L-Series locks are available for electrically locking and unlocking controls for high security and fire safety applications. They are UL/cUL Listed and rated for both fire and single point locking on labeled doors. Refer to the lock function pages for function availability. Available with "Request to Exit" (RX) feature when specified per L283-059 for normally closed or L283-125 for normally open.

KNOB/LEVER DESIGN OPTIONS

		
<p>L Standard Cylinder Escutcheon 8" x 1-3/4" x 7/16" (203mm x 44mm x 11mm)</p> <p><i>Note: L-Series mortise locks meet all requirements for installation in doors and frames prepared in accordance with ANSI 115.1.</i></p>	<p>L Concealed Cylinder Escutcheon 8" x 1-3/4" x 7/16" (203mm x 44mm x 11mm)</p>	<p>N Escutcheon 8" x 2-9/16" x 7/16" (203mm x 65mm x 11mm)</p>



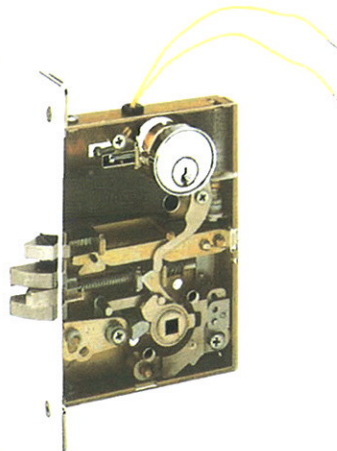
**L583-363
"EZ" Thumbturn**
Disability turn (ADA) option to standard thumbturn. Can be used with any thumbturn function L-Series lock, except L9463 and L463.

**09-611
"Do Not Disturb" Indicator**
This unit is used with A or B design roses only. It requires a 1-3/8" (35mm) cylinder for 1-3/4" (44mm) doors. When ordering separately, specify finish. Specify L583-375 for "Occupied" indicator.

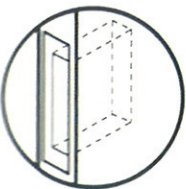
L-Series Electrified Locks

ELECTRICAL REQUIREMENTS

- Voltage**
24V AC or 24V DC (Maximum 29V, Minimum 20V)
 - Peak Current**
Amps 1.3 at 5- to 10-second intervals.
 - Holding Current**
Amps .135 between peak current intervals.
 - Operating Temperature**
Maximum +151°F (+66°C), Minimum -31°F (-33°C).
- Note: All installations should be in accordance with local electrical codes.*



DOOR PREPARATION



Introduction

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Door Handle

Door closer

Glass Door Fittings

Door Hardware
Accessories

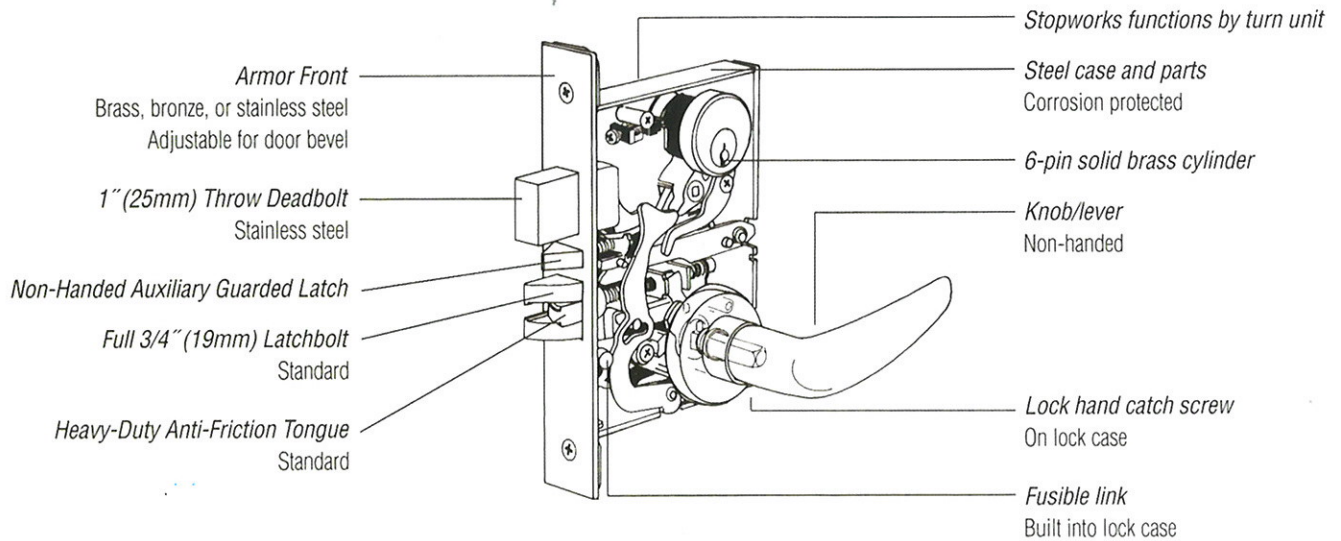
Exit Device

Panic Exit Device

Steel Door

SCHLAGE

L-Series Heavy-Duty Mortise Locks

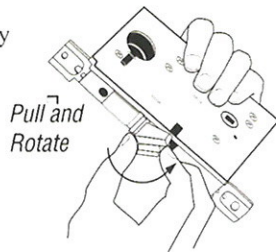


CHANGING LOCK HAND

Only two simple steps are required to change the hand of any L-Series lock. Rotate the latch unit 180° and change the catch screw position.

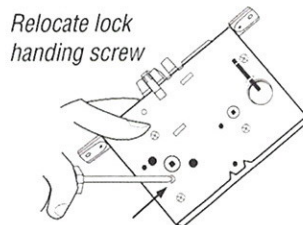
A. Change Latchbolt Handing

Remove armor front. Pull latchbolt away from chassis and rotate complete unit 180° to reverse the door handing. Reinstall armor front.



B. Change Chassis Handing

Remove catch screw from one side of chassis and install on opposite side. For RH and RRB, the catch screw will be on the lock case side. For LH and LRB, the catch screw will be on the lock case cover.



FUNCTION CODES AND SYMBOLS

L 9 4 53 P

Cylinder Suffix

- P** Standard mortise cylinder
- C** Concealed mortise cylinder
- R** Interchangeable core cylinder
- L** Less cylinder
- J** Interchangeable core cylinder less core
- F** Interchangeable core cylinder less Schlage logo
- W** Less concealed cylinder
- T** Temporary interchangeable core construction core cylinder

Function (see function charts, pgs 66-69)

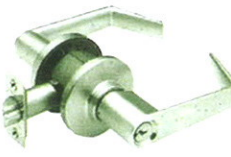









- 0** No deadbolt
- 1** Dummy trim (no latch, no deadbolt)
- 4** Deadbolt function
- 0** Dummy trim without lock case
- 9** Functions with lock case

Product family



S-Series Heavy-Duty Residential/Standard-Duty Commercial Locks

LEVERS DESIGN OPTIONS

<p>1S51PDSAT626</p>  <p> Saturn S51PD</p>	<p>1S51PDFLA605</p>  <p> Flair</p> <p>Dimensions: 2-9/16" (65 mm) height, 4" (102 mm) width, 2-1/2" (64 mm) depth.</p>	<p>1S51PDJUP625</p>  <p> Jupiter</p> <p>Dimensions: 2-9/16" (65 mm) height, 4-1/4" (108 mm) width, 2-1/2" (64 mm) depth.</p>	<p>1S51PDNEP626</p>  <p> Neptune</p> <p>Dimensions: 1/2" (13 mm) height, 2-9/16" (65 mm) height, 4-1/4" (108 mm) width, 2-1/2" (64 mm) depth.</p>	<p>1S51PDSAT626</p>  <p> Saturn</p> <p>Dimensions: 1/2" (13 mm) height, 2-9/16" (65 mm) height, 4-1/4" (108 mm) width, 2-1/2" (64 mm) depth.</p>
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SPECIFICATIONS

Applications: Interior light to medium-duty commercial doors; office tenant, laboratories, passage and entrance doors. Heavy-duty residential doors: single and multi-family housing.

Certifications: ANSI A156.2, 1996, Series 4000 Grade 2. UL/cUL Listed for all functions up to 3-hour doors.

Exposed Trim: Levers are pressure cast zinc, plated to match finishes indicated. Roses, latch faceplates and strikes are wrought brass or bronze.

Keying: 6-pin tumbler with two nickel silver keys per lock. Stock locks are keyed 6-pin in an Everest® C123 keyway. Other keying options available from the factory include master keying, grand master keying, construction keying and interchangeable core. For maximum key control, Classic Primus® and Everest Primus cylinders are available.

Door Range: 1-3/8" to 2" (35mm to 51mm), except S40D: 1-3/8" to 1-7/8" (35mm to 48mm).

Backset: Universal backset latches standard, fit either 2-3/8" (60mm) or 2-3/4" (70mm) backsets. 5" (127mm) backset latches available.

Deadlatches: Latches are furnished in brass, bronze or chrome finishes, compatible with lock trim. All S-Series latches have a 1/2" (13mm) throw. Orders for complete locks are provided with a G506-815 sleeve for latches installed in doors with 1" (25mm) edge bore.

Strikes: Square corner, 1-1/8" x 2-3/4" x 3/32" (29mm x 70mm x 2mm) T strike with 1-1/8" (29mm) lip, furnished with dust box, #10-001 is standard. Optional lip lengths 1" to 2" (25mm to 51mm). 1/4" (6mm) radius round corner strikes and ANSI 1-1/4" x 4-7/8" (32mm x 124mm) strikes are also available.

STANDARD FEATURES

- Exceeds 400,000 cycle ANSI Grade 2 requirements.
- Exceeds 450 Lbf-in lever torque ANSI Grade 2 requirements.
- Interlocking chassis and latchbolt.
- Snap-on inside rose conceals mounting screws.
- Key removable outside lever for quick and easy cylinder replacement.

ADA-COMPLIANT PRODUCTS 

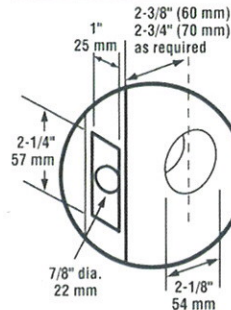
In compliance with the American National Standards Institute (ANSI A117.1) and the Americans with Disabilities Act (ADA), Schlage Lock Company offers a wide selection of locks designed for the needs of the physically challenged.

Designed and manufactured for use on heavy-duty residential and light to medium-duty interior commercial doors.

FINISHES

Levers	605	606	609	612	613	625	626
Flair	■	■	■	■	■	■	■
Jupiter	■	■			■	■	■
Neptune	■	■			■	■	■
Saturn	■	■	■	■	■	■	■

DOOR PREPARATION



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Door closer

Glass Door Fittings

Door Hardware Accessories

Exit Device

Panic Exit Device

SCHLAGE

S200-Series Interconnected Locks

LOCK DESIGN OPTIONS

<p>Saturn S251PD</p>	<p>1S251PDFLA605</p> <p>Flair</p>	<p>1S251PDJUP626</p> <p>Jupiter</p>	<p>1S251PDNEP626</p> <p>Neptune</p>
<p>1S251PDSAT626</p> <p>Saturn</p>	<p>Flair</p>	<p>Saturn*</p>	<p>Meteor 36-056</p>

Note: This escutcheon may be ordered to tie-in outside trim. 3-1/4" x 8-1/4" x 3/16" (83mm x 210mm x 5mm)

SPECIFICATIONS

Applications: Single and multi-family residential, office, hotel/motel and commercial applications. Simultaneous latch and bolt retraction for rapid exit.

Certifications: ANSI A156.12, 1992, Grade 2. UL/cUL Listed for all functions for up to 3-hour doors.

Exposed Trim: Levers are zinc based, plated to match finishes indicated. Roses and escutcheons, latch faceplates, strikes and Meteor escutcheons (36-056) are wrought brass or bronze.

Keying: 6-pin tumbler with two nickel silver keys per lock. Stock locks are keyed 6-pin in an Everest® C123 keyway. Other keying options available from the factory include master keying, grand master keying, construction keying and interchangeable core. For maximum key control, Classic Primus® and Everest Primus cylinders are available.

Door Range: 1-3/8" to 2" (35mm to 51mm).

Backset: 2-3/8" (60mm) standard. 2-3/4" (70mm) and 5" (127mm) backsets available.

Latches: 1-1/8" (29mm) x 2-1/4" (57mm), 1/2" (13mm) throw. 7/8" (22mm) housing latches are provided with 1" (25mm) sleeves as standard.

Deadbolt: 1" (25mm) throw stainless steel deadbolt is standard.

Strikes: Furnished with standard B600-Series and S-Series strikes. Optional B600 and S-Series strikes available.

*Inside Saturn design escutcheon also used for Jupiter and Neptune designs.

STANDARD FEATURES

- Exceeds 400,000 cycle ANSI Grade 2 requirements.
- Interconnected latchbolt and deadbolt chassis.
- Independent heavy-duty torsion springs.
- Key removable outside levers for quick cylinder replacement.
- Large inside thumbturn for easy deadbolt operation.

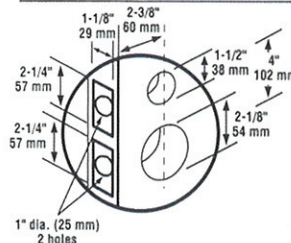
ADA-COMPLIANT PRODUCTS ♿

In compliance with the American National Standards Institute (ANSI A117.1) and the Americans with Disabilities Act (ADA), Schlage Lock Company offers a wide selection of locks designed for the needs of the physically challenged.

FINISHES

Levers	605	606	609	612	613	625	626
Flair	■	■	■	■	■	■	■
Jupiter	■	■			■	■	■
Neptune	■	■			■	■	■
Saturn	■	■	■	■	■	■	■
Meteor (36-056)	■	■	■	■	■	■	■

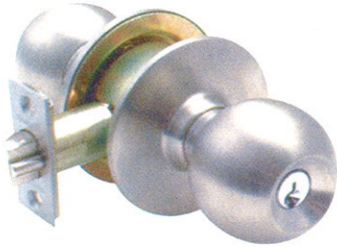
DOOR PREPARATION



SKULTHAI LOCK

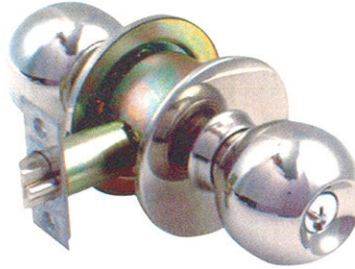
S-Series Lock

2S53PDZAT630



S53PD Entrance/Office Lock

2S84PDZAT629



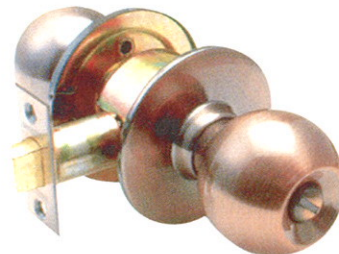
S84PD Hotel/Motel Lock

2S10SZAT609



S10S Passage/Closet

2S40SZAT616



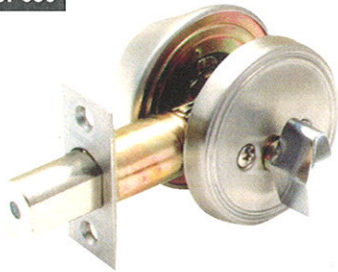
S40S Privacy Lock

SPECIFICATIONS

- Door thickness: 35-44mm
- Backset: 60mm (standard) and 70mm backset
- Latch Bolt: 1/2" (13mm) throw standard
- Strike: Square corner
- Exposed trim: Wrought Brass and Stainless Steel
- Cylinder: Solid Brass 6 pin
- Handing: Completely Reversible

S-Series Deadbolt

2S160P630

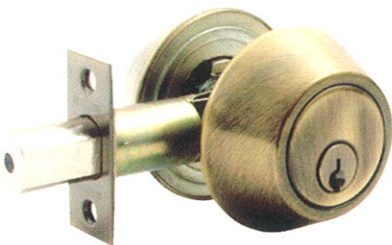


S160P Single Cylinder

SPECIFICATIONS

- Door thickness: 35-44 mm
- Backset: 60mm (standard) and 70mm backset
- Latch Bolt: 1" (25mm) throw standard
- Strike: Square corner
- Exposed trim: Wrought Brass and Stainless Steel
- Cylinder: Solid Brass 6 pin

2S162P609



S162P Double Cylinder

Introduction

Hinges

Lockset

Door Handle

Door closer

Glass Door Fittings

Door Hardware Accessories

Exit Device

Panel Exit Device

Steel Door

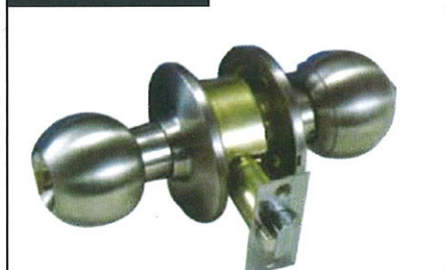
SCL

SCL LOCK

SATIN STAINLESS FINISH (630)

2SCL4040BAL630

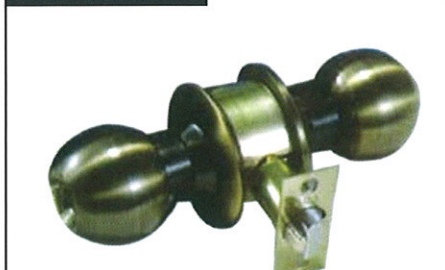
2SCL4052BAL630



ANTIQUÉ BRASS FINISH (609)

2SCL4040BAL609

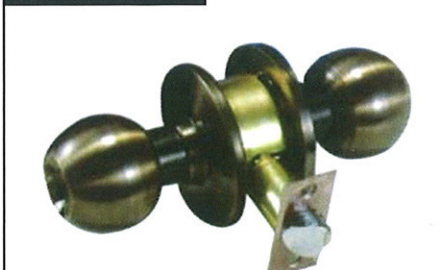
2SCL4052BAL609



ANTIQUÉ BRONZE FINISH (616)

2SCL4040BAL616

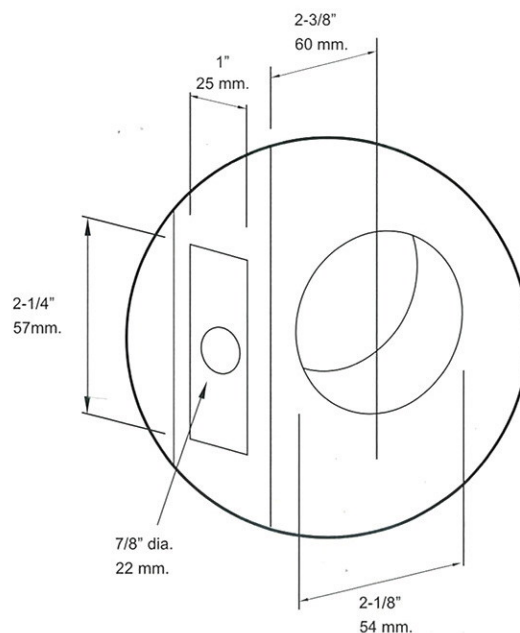
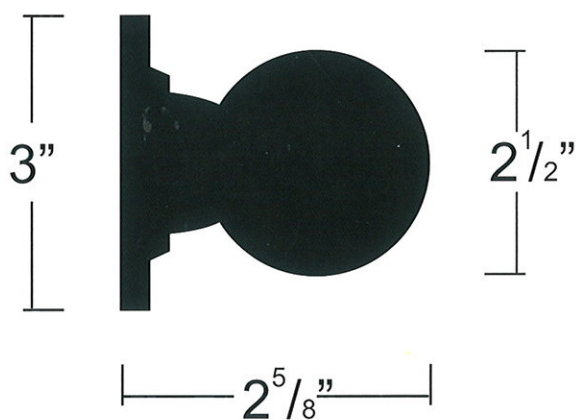
2SCL4052BAL616



SPECIFICATION

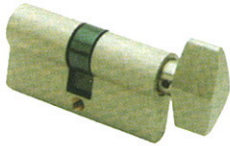
- Door thickness: 28-45mm.
- Backset: 60mm (standard)
- Latch Bolt: 3/8" (11mm) throw standard
- Strike: Square corner
- Exposed trim: Stainless Steel
- Cylinder: Brass 5 pin
- Handing: 4052 - Entrance Lock,
4040 - Privacy Lock

DIMENSION



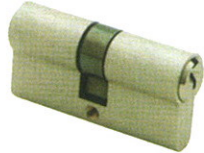
Schlage

Euro Profile Cylinder



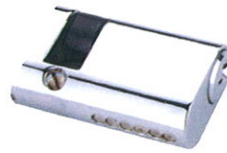
Single Cylinder with Turn

1SCHCYLTURNSC6



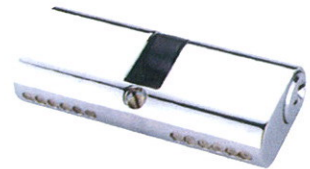
Double Cylinder

1SCHDBLCYLSC6



Oval Single Cylinder

1LEGEVOSCYS CP



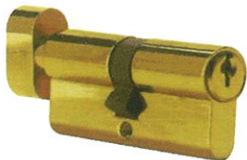
Oval Double Cylinder

1LEGEVODCYS CP

*Cylinder Length : L68

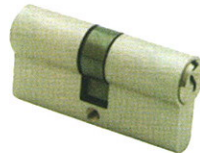
IREC

Euro Profile Cylinder



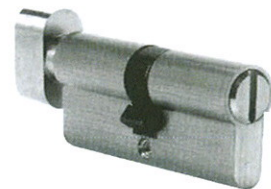
Single Cylinder with Turn

1IREC903L65SCP



Double Cylinder

1IREC902L65SCP



Euro Profile Emergency Turn

1IREC904L65SCP

*Cylinder Length : L65, L70, L80, L90

Skulthai

Euro Profile Cylinder



Single Cylinder & Turn, 5 pin

1SKLK102CTSNP



Double Cylinder & Turn, 6 pin

1SKLK108DBLSNP

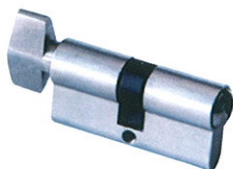


Coin Turn Cylinder

1SKLK110ETSNP

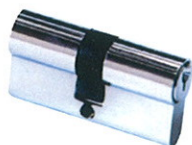
SCL

Euro Profile Cylinder



Single Cylinder

1SCLCYLTURNSC5



Double Cylinder

1SCLDBLCYLSC5

Winkhaus

Euro Profile Cylinder



Double Cylinder

3WDBL5112N60SC5



Single Cylinder

3WCYT0412N60SC5

SCHLAGE E Series

European Mortise Lock Case

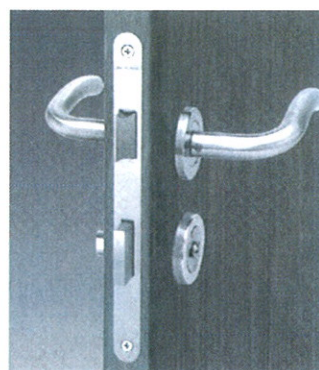
EL2000 Series Lockcase		
Standards & Testing	Meets the requirements of European standard EN 12209	
	Based on the dimensional requirements of DINI 8251	
	The locks have successfully undergone the following tests:	
	Latch durability 200,000 cycles	
	Deadbolt durability 50,000 cycles	
Lock Options	Corrosion resistance 96 hrs salt spray test	
	Successful in 72 mins fire tests to China fire test	
Cylinder Types	Dead lock, sash lock, bathroom lock, latch, night latch and panic lock	
Dimensions	Euro profile cylinders	
	Case Dimension (h x w x d)	165 x 93 x 15 mm
	Faceplate Dimensions	235 x 20 x 3 mm
	Backset	60 mm
	Follower to Cylinder Centers	72 mm
	Latch Throw	12 mm
Material	Deadbolt Throw	20 mm (11 mm for Bathroom lock)
	Case	Mild steel with zinc plated
	Deadbolt	Cast stainless steel
	Latch bolt	Cast stainless steel
	Faceplate	Stainless steel, available with round or square ends
Finishes	Strike plate	Supplied as standard with flat stainless steel strike plate With preformed lip
	Warrenty	Satin stainless steel (SS), Polished stainlesssteel (PS)
Fixing	5 years	
	the locks are supplied with 5 x No. combo screws	

FUNCTIONS



EL2020 Sash Lock

Latch bolt retracted from both sides by lever handles. Deadbolt is operated by key outside, and by key or thumb turn inside depending on the cylinder selected. The cylinder To latch function enables the cylinder to withdraw the deadbolt on the first turn and the latchbolt on the second turn



EL2030 Bathroom Lock

Latch bolt retracted from both sides by lever handles. The deadbolt is operated from inside by thumb turn which locks outside lever and activates the indicator. In an emergency, door can be unlocked using a release tool.

OTHER FUNCTIONS ALSO AVAILABLE

EL2010 Dead Lock

Deadbolt thrown or retracted by key from outside or by inside turn unit. Key operation from both sides if double cylinder is selected.

EL2040 Latch

Latch bolt operated from both sides by lever handles at all times.

EL2050 Night Latch

Latch bolt retracted by key outside or by lever inside. Outside lever always in-operative. Auxiliary latch deadlocks latch bolt when door is closed.

EL2060 Panic Lock

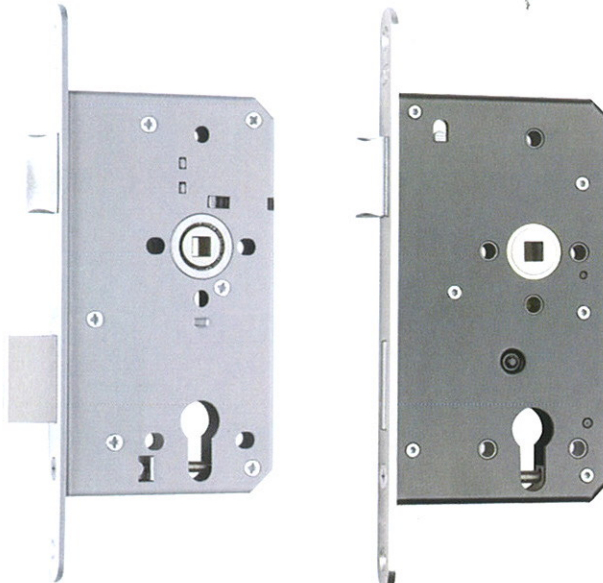
Lever handles withdraw the latch bolt from both sides. The deadbolt can be thrown and withdrawn from one or both sides as required depending on the cylinder selected. From inside, the lever handle will withdraw both the deadbolt and the latch bolt simultaneously.

EL2070 Classroom Lock

Lock case with latch and guard latch. Outside lever can be released or locked by the key. Released outside lever can operate latch. Inside lever can always operate latch and open the door. When the key actuates the cylinder to the locked position, guard latch deadlocks the latch bolt when the door is closed and no deadbolt is required.

Briton

European Mortise Lock Case



11RBT542060SS

11RBT552060SS

SPECIFICATIONS

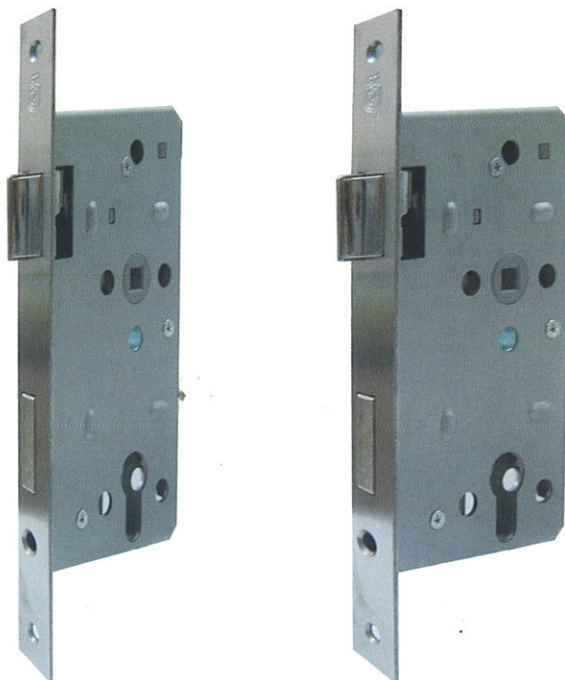
- Backset: 60 mm
- Follower to turn centres: 72 mm & 78 mm (Privacy)
- Door thickness: 35-45 mm
- Euro Profile Cylinder
- Materials : Silver powder coated finish Bolt and latch die cast zinc with satin nickel plated finish
- Forend is grade 316 stainless steel

FUNCTION

- Deadlock
- Latch
- Privacy
- Sashlock

SSF By Winkhaus

European Mortise Lock Case



3SSENT45LHSS

3SSENT45RHSS

3SSENT60LHSS

3SSENT60RHSS

SPECIFICATIONS

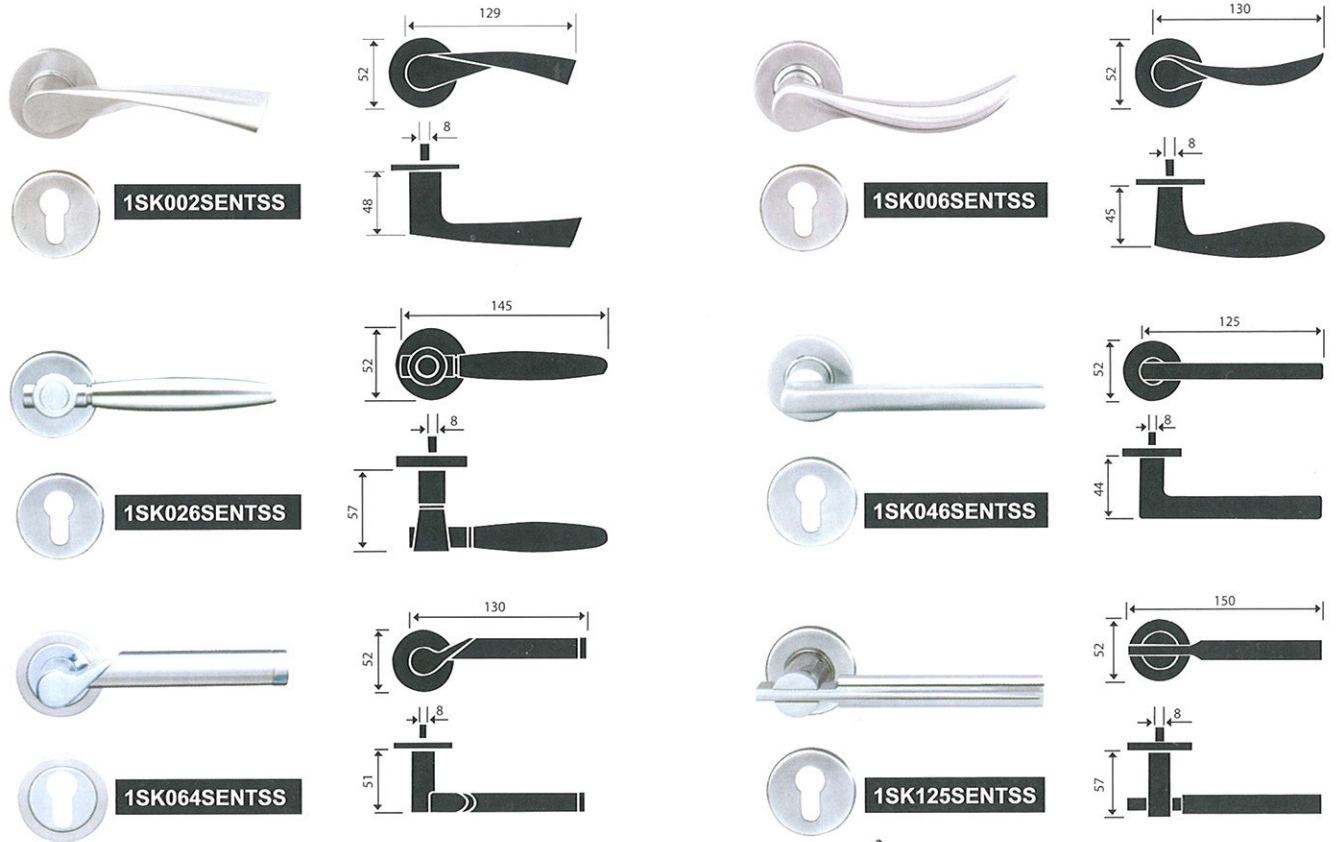
- Backset: 45mm, 60mm
- Follower to turn centre 72 mm & 85 mm
- Door thickness: 35-45 mm
- Cylinder (Order separately)

FUNCTION

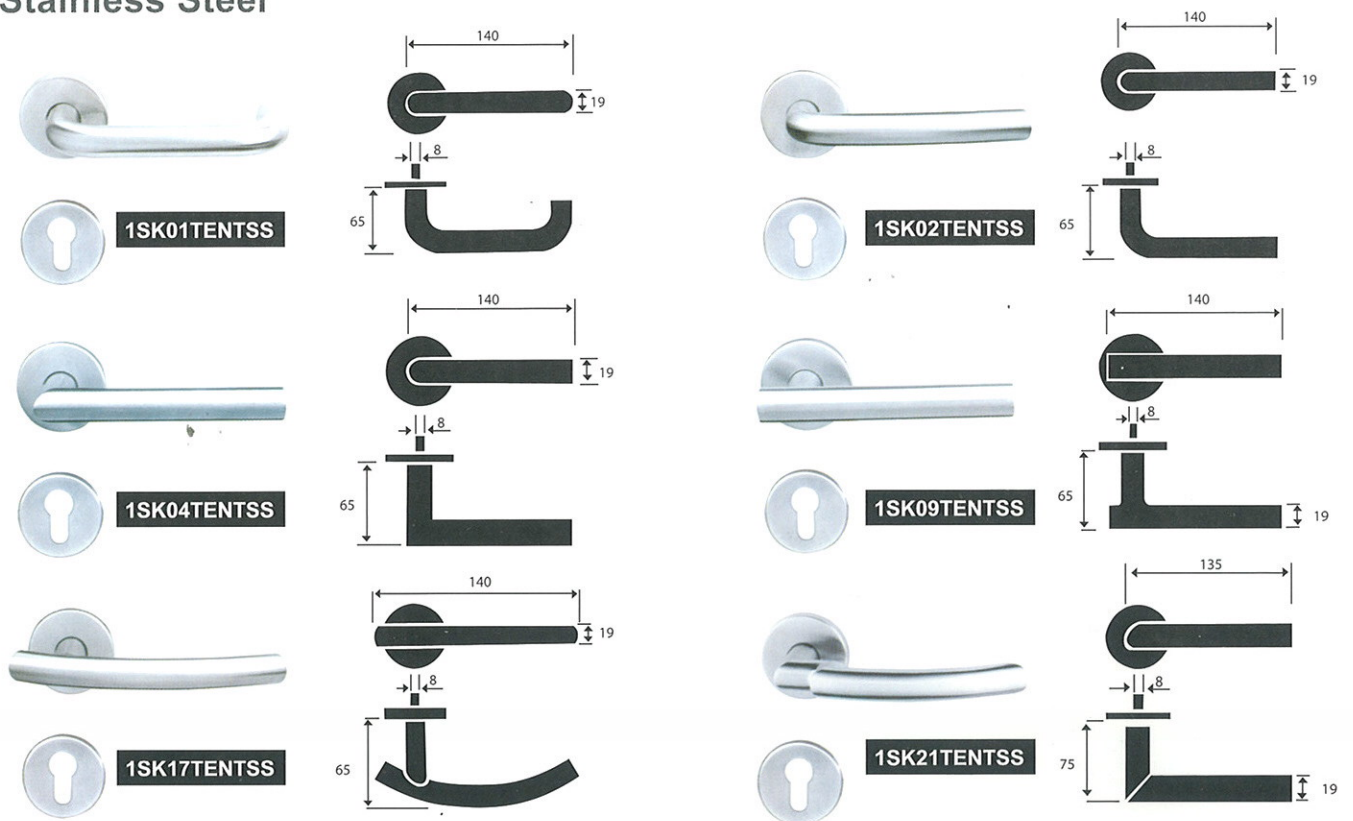
- Privacy
- Sashlock

SKULTHAI Lever Handle

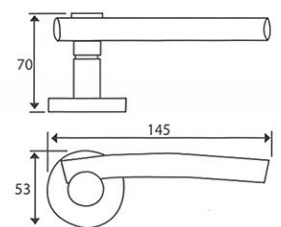
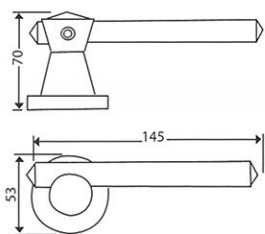
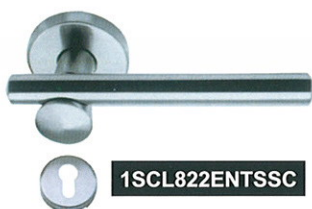
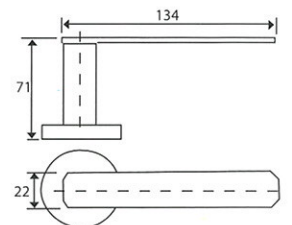
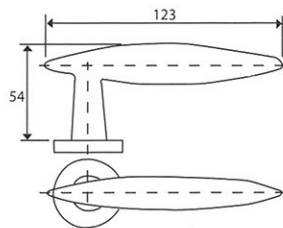
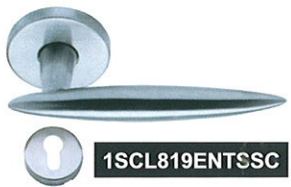
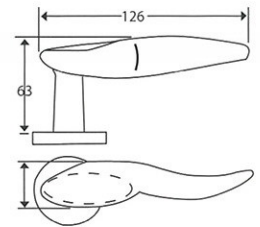
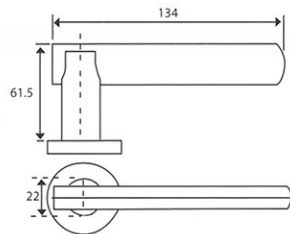
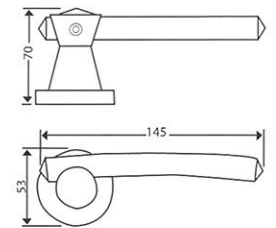
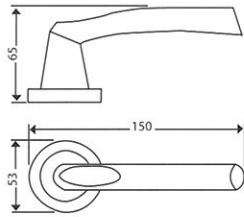
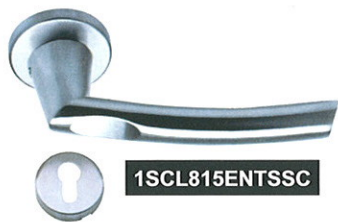
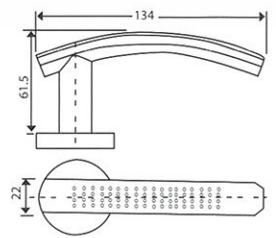
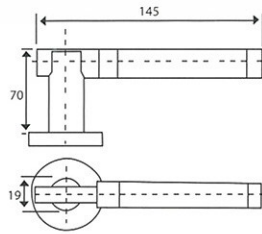
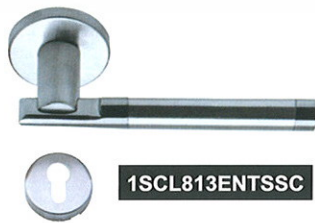
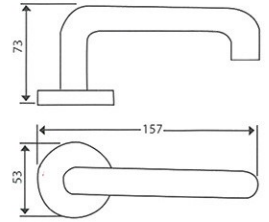
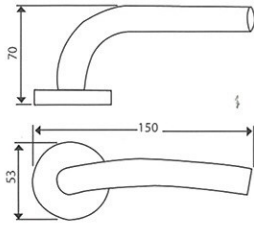
Solid Stainless Steel



Stainless Steel



SCL Lever Handle



Introduction

Hinges

Lockset

Door Handle

Door closer

Glass Door Fittings

Door Hardware
Accessories

Exit Device

Panic Exit Device

Other Door



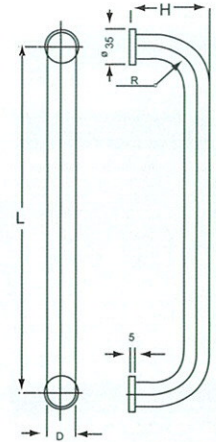
3CT00125x305PS

SIZE (m/m)

No.	L	D	H	R
9801	305	25	75	55
9803	350	25	75	55
9805	305	32	80	55
9807	350	32	80	55

MATERIAL

Stainless Steel, Brass, Titanium Gold



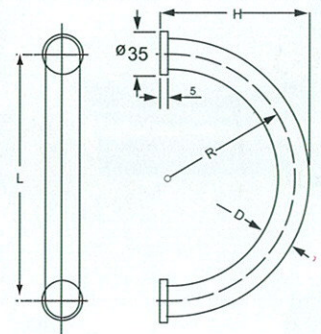
3ST00225X130PS

SIZE (m/m)

No.	L	D	H	R
9809	130	25	73	65
9811	200	32	120	100
9813	200	25	118	100

MATERIAL

Stainless Steel, Brass, Titanium Gold



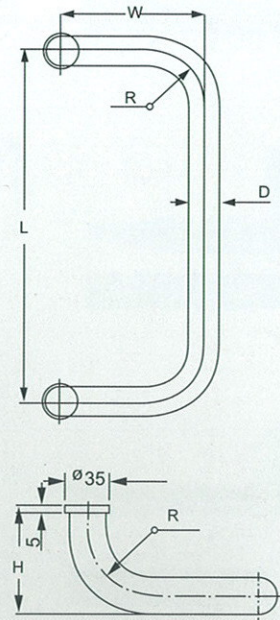
3KT00325X305PS

SIZE (m/m)

No.	L	D	H	W	R
9814	305	25	75	90	40
9815	350	25	75	90	40
9816	350	32	80	90	55
9817	350	32	80	90	55

MATERIAL

Stainless Steel, Brass, Titanium Gold





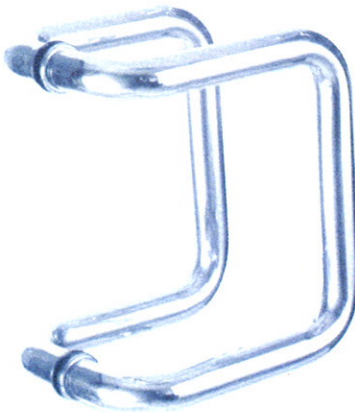
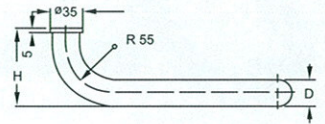
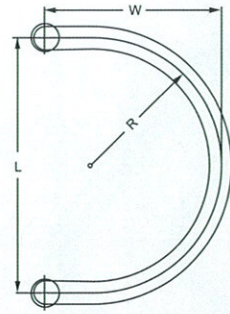
3SP00425x200PS

SIZE (m/m)

No.	L	D	H	W	R
9819	200	25	75	140	140
9821	350	32	80	235	235

MATERIAL

Stainless Steel, Brass, Titanium Gold



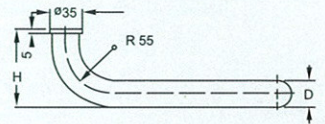
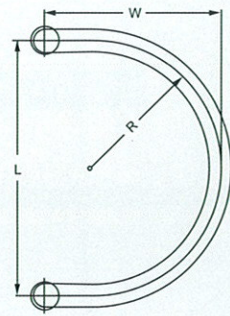
3MV00725x200PS

SIZE (m/m)

No.	L	D	H	W
9823	200	25	75	170

MATERIAL

Stainless Steel, Brass, Titanium Gold



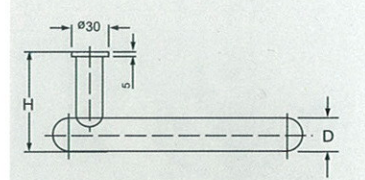
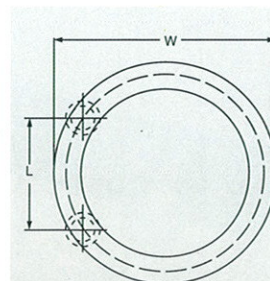
3PU00825x100PS

SIZE (m/m)

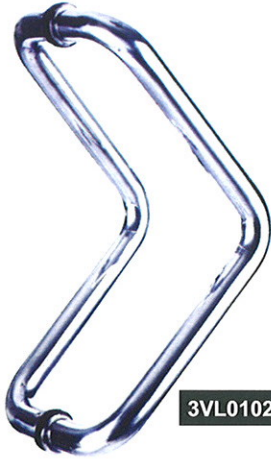
No.	L	D	H	W
9825	100	25	75	200

MATERIAL

Stainless Steel, Brass, Titanium Gold



Introduction
Hinges
Lockset
Door Handle
Door closer
Glass Door Fittings
Door Hardware Accessories
Exit Device
Panic Exit Device
Steel Door



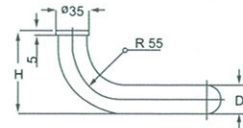
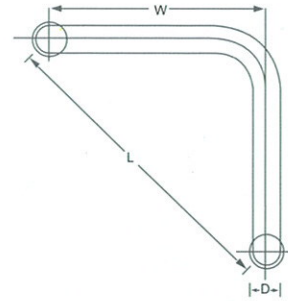
3VL01025X318PS

SIZE (m/m)

No.	L	D	H	W
9835	318	25	75	225
9837	318	32	80	225

MATERIAL

Stainless Steel, Brass, Titanium Gold



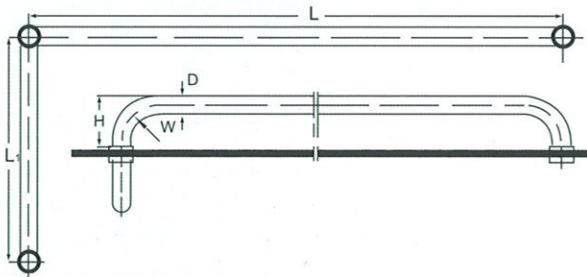
3PS25x305x711PS

SIZE (m/m)

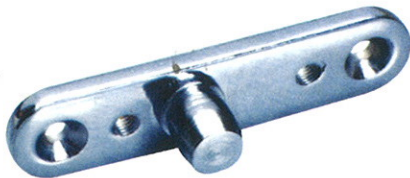
No.	L	L1	D	H	W
9287	711	305	25	75	50
9829	A	B	25	75	50

MATERIAL

Stainless Steel, Brass, Titanium Gold



Accessories



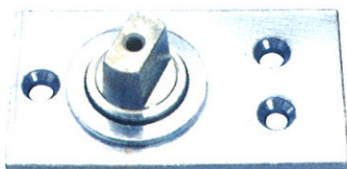
GT 240 Fixed Top Pivot

To be used with GT 200 Top Fitting

GT 210 Adjustable Top Pivot

Has the same function as GT 240

Except the moving pivot



GT 280 Floor Pivot Bearing

To be used with GT 100 Bottom Fitting

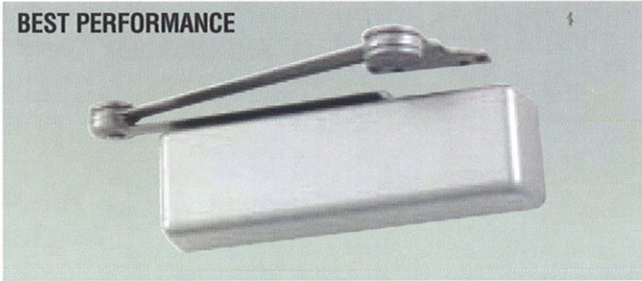


LCN

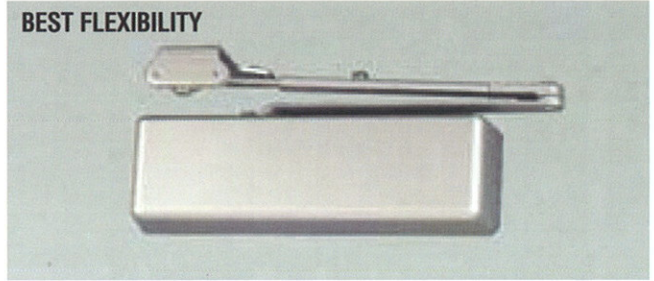
4000 Series Surface-Mounted Closers

4010/4020/4110/4010T/4020T/4110T SERIES CLOSERS

4040/4040T SERIES CLOSERS



4110 EDA Shown



P4040 Shown

LCN's best performing heavy duty closer designed specifically for institutional and other rugged high traffic applications.

The 4040 is LCN's most flexible heavy duty closer designed for institutional and other rugged high traffic applications.

Features & Benefits

- Exceeded 10 million cycles in independent testing
- Cast iron cylinder offers proven durability
- Forged steel main arm
- Double heat treated steel pinion
- FAST™ power adjust allows accurate on-site spring power adjustment to meet the condition of the opening (4010/4020/4110 only)
- Fast and accurate installation (4010/4020/4110 only)
- UL/cUL listed for self-closing, fire rated, doors without hold open
- Sized cylinders for interior doors to 5'0" and exterior doors to 4'0"
- Non-sized cylinder adjustable for interior doors to 4'6" and exterior doors to 3'6"
- Closer mounts hinge side, top jamb, parallel, stop face, specify right or left swinging door
- Corner brackets available (4010 only)
- Size one cylinder meets ADA requirements
- Seven standard powder coat finishes available
- UL and cUL listed with regular or fusible link arms for self-closing doors
- Tested and certified under ANSI Standard A156.4, grade one
- All weather fluid eliminates seasonal adjustments

Available Options

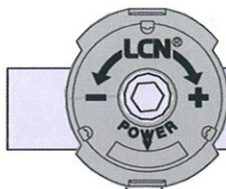
- Delay Action provides additional adjustable closing time (4010/4020/4110 only)
- Advanced Variable Backcheck allows earlier backcheck control on potentially abusive installations (available on 4110 series only)
- Metal cover available
- Special Rust Inhibitor provides additional protection to an already durable powder coat finish
- Custom colors allow the closer to closely match unique door and frame finishes

Features & Benefits

- Exceeded 10 million cycles in independent testing
- Cast iron cylinder offers proven durability
- Forged steel main arm
- Double heat treated steel pinion
- Non-handed
- FAST™ power adjust allows accurate on-site spring power adjustment to meet the condition of the opening (4040 only)
- UL/cUL listed for self-closing, fire rated, doors without hold open
- Non-sized cylinder is adjustable for interior doors to 5'0" and exterior doors to 4'0"
- Closer mounts hinge-side, top jamb, and parallel arm w/PA Shoe on either right or left swinging doors
- Closers to meet ADA requirements
- Seven standard powder coat finishes available
- UL and cUL listed for self-closing doors without hold-open
- Tested and certified under ANSI Standard A156.4, grade one
- All weather fluid eliminates seasonal adjustments

Available Options

- Delay Action provides additional adjustable closing time (4040 only)
- Designer series non-handed metal cover provides smooth contoured look
- Metal cover available
- Special Rust Inhibitor provides additional protection to an already durable powder coat finish
- Custom colors allow the closer to closely match unique door and frame finishes
- Plated finishes are also available



The 4000 includes the **LCN. FAST™ Power Adjust**, a revolutionary visual indicator for Spring Power Adjustment.

LCN[®]

4030/4130 SERIES CLOSERS

BEST ECONOMY



4030 Shown

The 4030 offers the best economy in a heavy duty closer designed specifically for interior doors in moderate traffic applications.

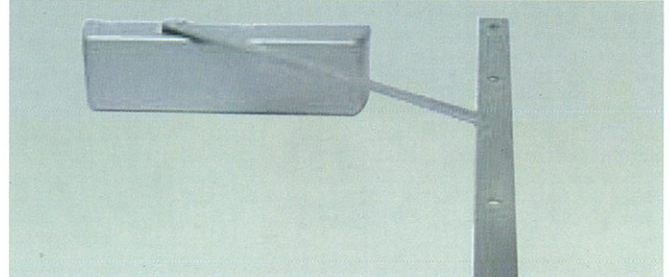
Features & Benefits

- Cast iron cylinder offers proven durability
- Forged steel main arm
- Heat treated steel pinion
- UL/cUL listed for self-closing, fire rated, doors without hold open
- Choice of sized cylinders for interior doors to 4'0"
- Handed closer
- Size one cylinders meet ADA requirements on a 3'0" interior door
- Seven standard powder coat finishes available
- Optional plated finish on cover, arm and fasteners
- UL and cUL listed for Self-closing doors without hold-open
- Tested and certified under ANSI Standard A156.4, grade one
- Tested and certified under ANSI Standard A156.4, grade one
- All weather fluid eliminates seasonal adjustments

Available Options

- Metal cover available
- Special Rust Inhibitor provides additional protection to an already durable powder coat finish
- Custom colors allow the closer to closely match unique door and frame finishes
- Plated finishes are also available

4000T SERIES CLOSERS



4000T Shown

The 4000T Series is LCN's best performing heavy duty track closer designed specifically for interior pocket doors in institutional and other rugged high traffic applications.

Features & Benefits

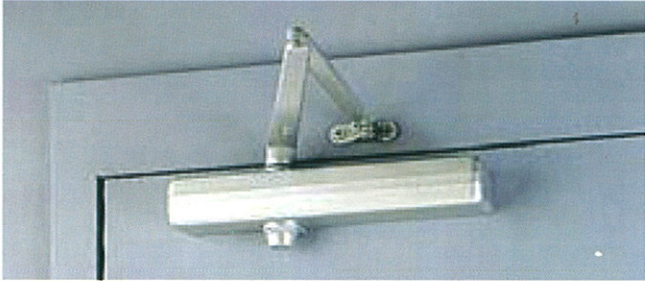
- Cast iron cylinder offers proven durability
- Forged steel arm
- Double heat treated steel pinion
- UL/cUL listed for self-closing, fire rated, doors without hold open
- 4000T provides wall pocket installation for fire/life safety in an aesthetically pleasing application – Use SEM7850 wall magnet for complete installation
- Uses modified 4040 cylinder which has exceeded 10 million cycles in independent testing
- Non-handed
- Standard 4000T series closer shipped with standard arm, standard track, track roller, standard plastic cover, and self reaming and tapping screws
- Sized cylinders for interior doors to 4'0"
- Closer used for pocket installation
- Seven standard powder coat finishes available
- UL and cUL listed with a standard track for self-closing doors
- Tested and certified under ANSI Standard A156.4, grade one
- All weather fluid eliminates seasonal adjustments

Available Options

- Metal cover available
- Special Rust Inhibitor provides additional protection to an already durable powder coat finish
- Custom colors allow the closer to closely match unique door and frame finishes
- Plated finishes are also available

LCN®
1000 Series Surface-Mounted

1460/1460T SERIES



1460 Shown with narrow style cover

Designed for maximum versatility, the 1460, available with multiple cover options, can be used for both commercial and institutional applications. This fully universal closer offers a wide variety of options and new fast and accurate installation.

Features & Benefits

- Cast iron cylinder offers proven durability
- Standard 1460 series closer shipped with regular arm, a slim line plastic cover, and self reaming and tapping screws
- Multiple cover options include; Standard (Slim line), Smooth Slim line (EC), Full and Designer Series
- Non-sized (1-6) cylinder is adjustable for interior doors to 5'0" and exterior doors to 4'0" and non-handed
- Closer mounts hinge side, top jamb and parallel arm on either right or left swinging doors
- Size one cylinders meet ADA requirements on a 3'0" interior door
- Seven standard powder coat finishes available
- Peel and stick template for easy installation
- UL/cUL listed for self-closing, fire-rated, doors without hold open
- All weather fluid eliminates seasonal adjustments

Available Options

- Delay Action provides additional adjustable closing time (1460 only)
- Designer Series non-handed metal cover provides contoured look
- Full cover provides complete cylinder enclosure
- Special Rust Inhibitor provides additional protection to an already durable powder coat finish
- Custom colors allow the closer to closely match unique door and frame finishes
- Plated finishes are also available - a Designer Series metal cover is required for a 1460 plated finish



LCN®
1000 Series Surface-Mounted

QUEST® 1370 SERIES



1370 Shown

The LCN Quest® 1370 Series is the “Fastest Closer Ever Installed”. The LCN Quest features a contemporary design with the unique Rapidor™ mounting bracket, stick-on installation templates, self reaming & tapping screws, as well as easy to use mounting instructions. The 1370 is designed for use on narrow 1 3/4" head frames.

Features & Benefits

- Cast iron cylinder offers proven durability
- Standard 1370 series closer shipped with regular arm, self reaming & tapping screws, standard plastic end-caps and shaft cover
- Non-sized 1-5
- Closer mounts, using the Rapidor mounting bracket, hinge side, top jamb, and parallel arm, on either right or left swinging doors
- Size one cylinders meet ADA requirements on a 3'0" interior door
- Seven standard powder coat finishes available
- Unique Rapidor mounting bracket and peel and stick template provides quick and easy installation
- Features self-reaming and tapping fasteners for metal and aluminum doors
- All weather fluid eliminates seasonal adjustments
- UL/cUL listed for self-closing, fire-rated, doors without hold open

Available Options

- Delay Action provides additional adjustable closing time
- Custom colors allow the closer to closely match unique door and frame finishes
- Plated finishes are also available
- Special Rust Inhibitor provides additional protection to an already durable powder coat finish

1070 SERIES



1070 Shown

The 1070 is a cast iron closer that fits the most common commercial footprint. This economical closer is designed for use on narrow 1 3/4" head frames.

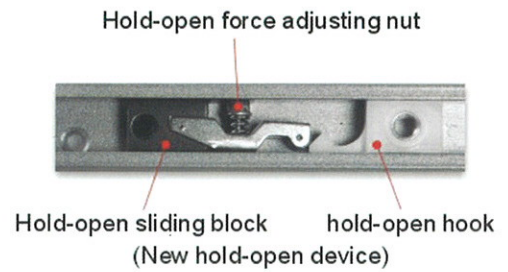
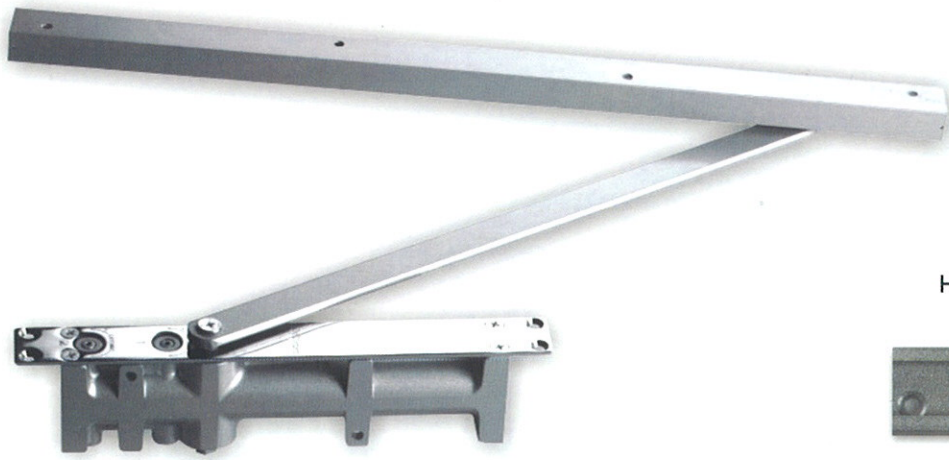
Features & Benefits

- Cast iron cylinder offers proven durability
- Standard 1070 series closer shipped with regular arm and wood and machine screw pack
- Sized 1074 or 1075 cylinders for interior doors to 4'6" and exterior doors to 3'6"
- Non-sized 1071 cylinder for exterior doors to 30" (762 mm) and interior doors to 38" (965 mm) and non-handed
- Closer mounts hinge side, top jamb, and parallel arm, on either right or left swinging doors
- Size one cylinders meet ADA requirements on a 3'0" interior door
- Seven standard powder coat finishes available
- Features the most common footprint - retrofits are made easy
- UL/cUL listed for self-closing, fire-rated, doors without hold open

Available Options

- Optional Slim line cover
- Custom colors allow the closer to closely match unique door and frame finishes
- Plated finishes are also available
- Special Rust Inhibitor provides additional protection to an already durable powder coat finish

Briton C2000 SERIES CONCEALED DOOR CLOSER



Features

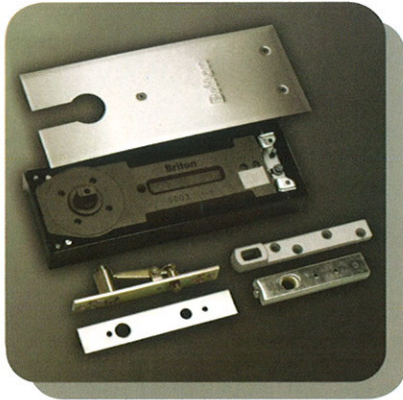
- Briton C2000 series is a newly designed concealed door closer suitable for all types of luxury doors and frames. The Briton C2000' s slim closer body, 30.5mm in thickness, provides complete concealment.
- Reversible valve system is suitable for right or left handing.
- Precise adjustable valve function (closing and latching speed control) provides smooth, quiet door control.
- Slide arm set is designed to allow easy adjustment of hold open points.
- 3 years warranty, 500, 000 life cycle.

Technical parameters

Briton C2000 Series		
Brand	Briton	
Model No	C2002	C2003
For door width (max mm)	900	950
For door weight (max kgs)	45	65
For door thickness (min mm)	40	40
Hold open	Optional	Optional
Back check	Optional	Optional

Briton

M5000 Series Floor Spring

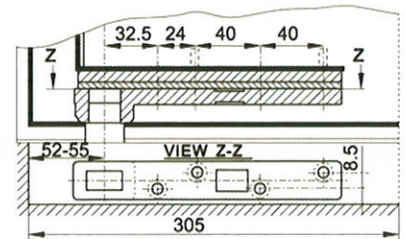
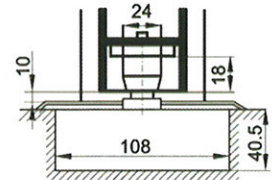


Features:

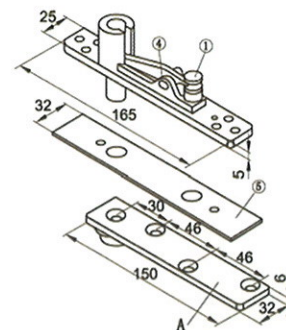
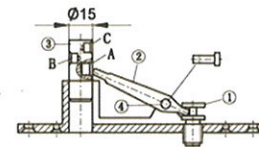
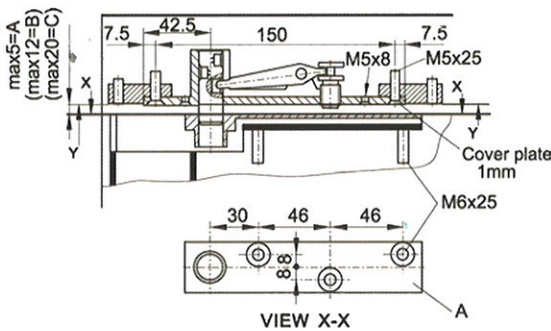
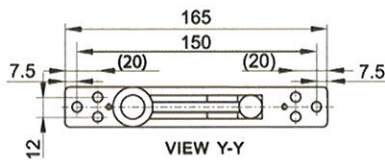
- ❑ Tested to EN1154 - A class certified; For door width and weight maximum of 1200mm and 130kg respectively
- ❑ Tested to 500,000 cycles; 5 years warranty
- ❑ Dual action floor spring with 3 installation adjustments to meet the needs of new and retrofit applications
- ❑ Closing and latching speed adjustments control the door during operation
- ❑ Suitable for -25°C to 40°C
- ❑ Cast iron body with stainless steel cover

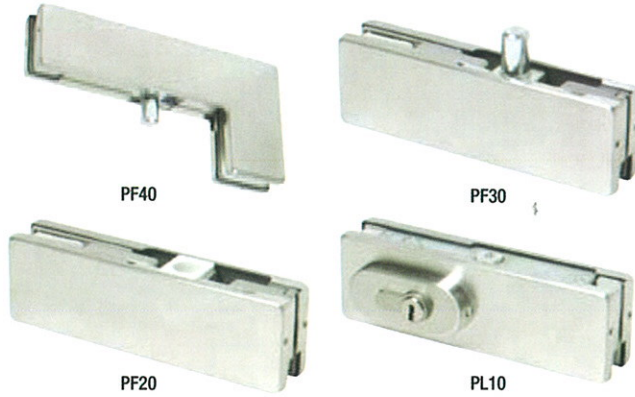
Key Technical Specifications

Key Technical Specifications	M5002	M5003	M5004	Mustad 8610	Mustad 9210
Tested to EN1154	Y	Y	Y	Y	Y
500,000 Test cycle (EN)	Y	Y	Y	Y	Y
Maximum Door Weight (kg)	90	110	130	150	250
Maximum Door Width (mm)	1000	1150	1200	1200	1250
Dual Action	Y	Y	Y	Y	Y
Double Cylinder	Y	Y	Y	-	-
Closing and Latching Speed	Y	Y	Y	Y	Y
Hold Open	90/105	90/105	90/105	90/105	90/105
Dimension (cement box L-W-H)	305x108x40.5	305x108x40.5	305x108x40.5	272x83x50	272x83x50



Door Preparation

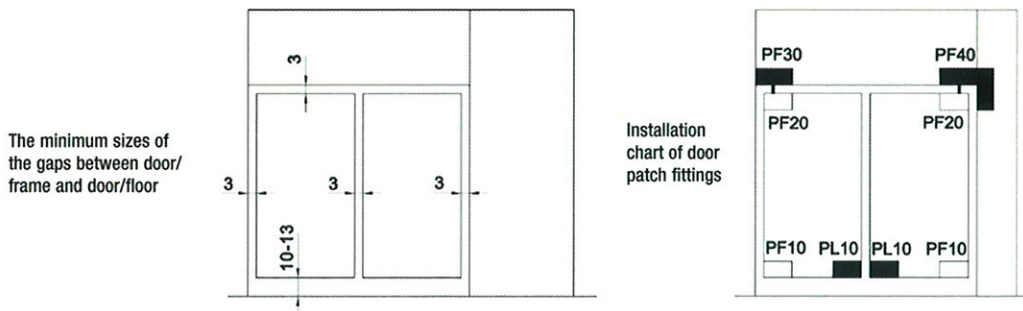




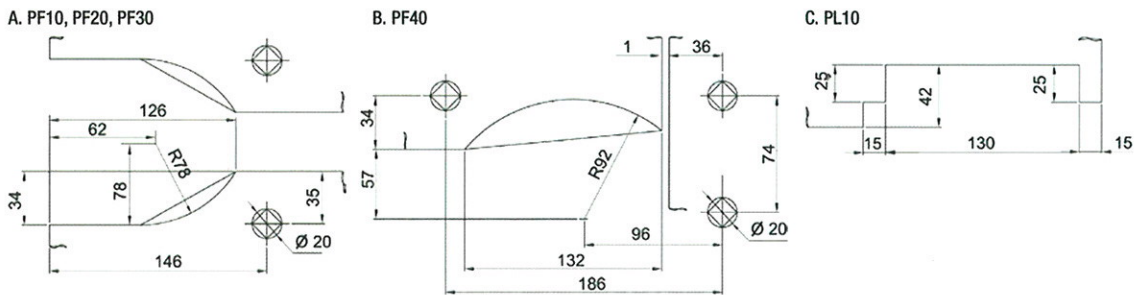
Features:

- Cast aluminium body with steel spindle housing provides stability and longer life cycle
- Durable stainless steel cover
- Suitable for 10mm - 12mm door thickness
- Patch lock with Ingersoll Rand commercial E Series lock cylinder can be easily integrated into a Master keying system

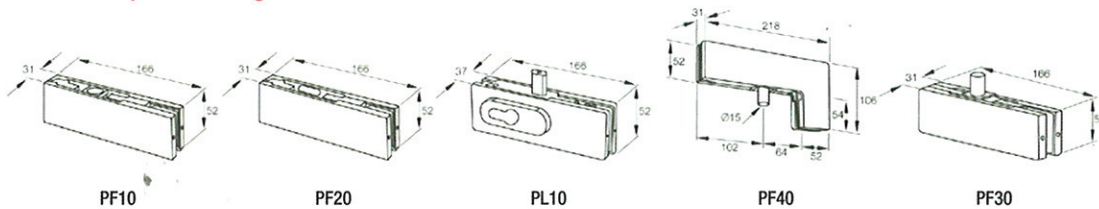
Demonstrations of glass door/door patch fittings installation



Size requirements for glass door installation



Size of door patch fittings



How to Order	Product Model	Hold Open	Finish
Floor Spring	■ M5002	■ 90°	■ SS=Satin Stainless Steel
	■ M5003	■ 105°	■ SS=Satin Stainless Steel
	■ M5004	■ None	■ SS=Satin Stainless Steel
How to Order	Product Model	Suitable Door Thickness	Finish
Door Patch Fittings	■ PF10	■ 12mm	■ SS=Satin Stainless Steel
	■ PF20/30/40	■ 10mm	■ SS=Satin Stainless Steel
	■ PL10		■ SS=Satin Stainless Steel

Introduction

Hinges

Lockset

Door Handle

Door closer

Glass Door Fittings

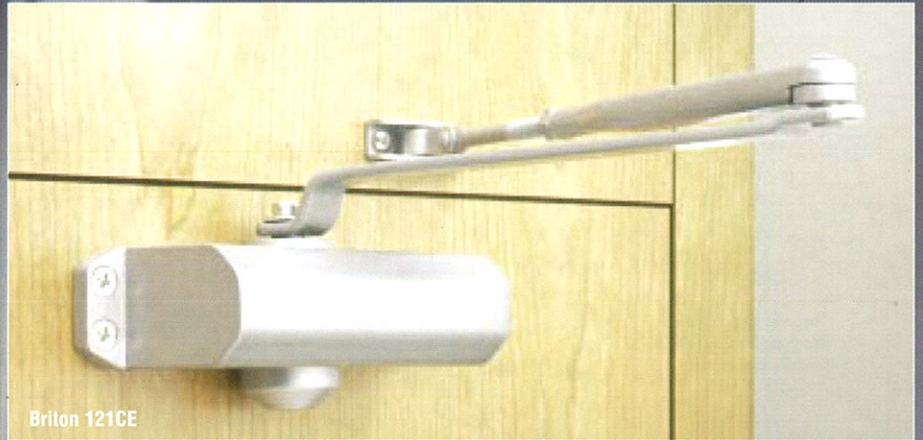
Door Hardware Accessories

Exit Device

Panic Exit Devices

Steel Door

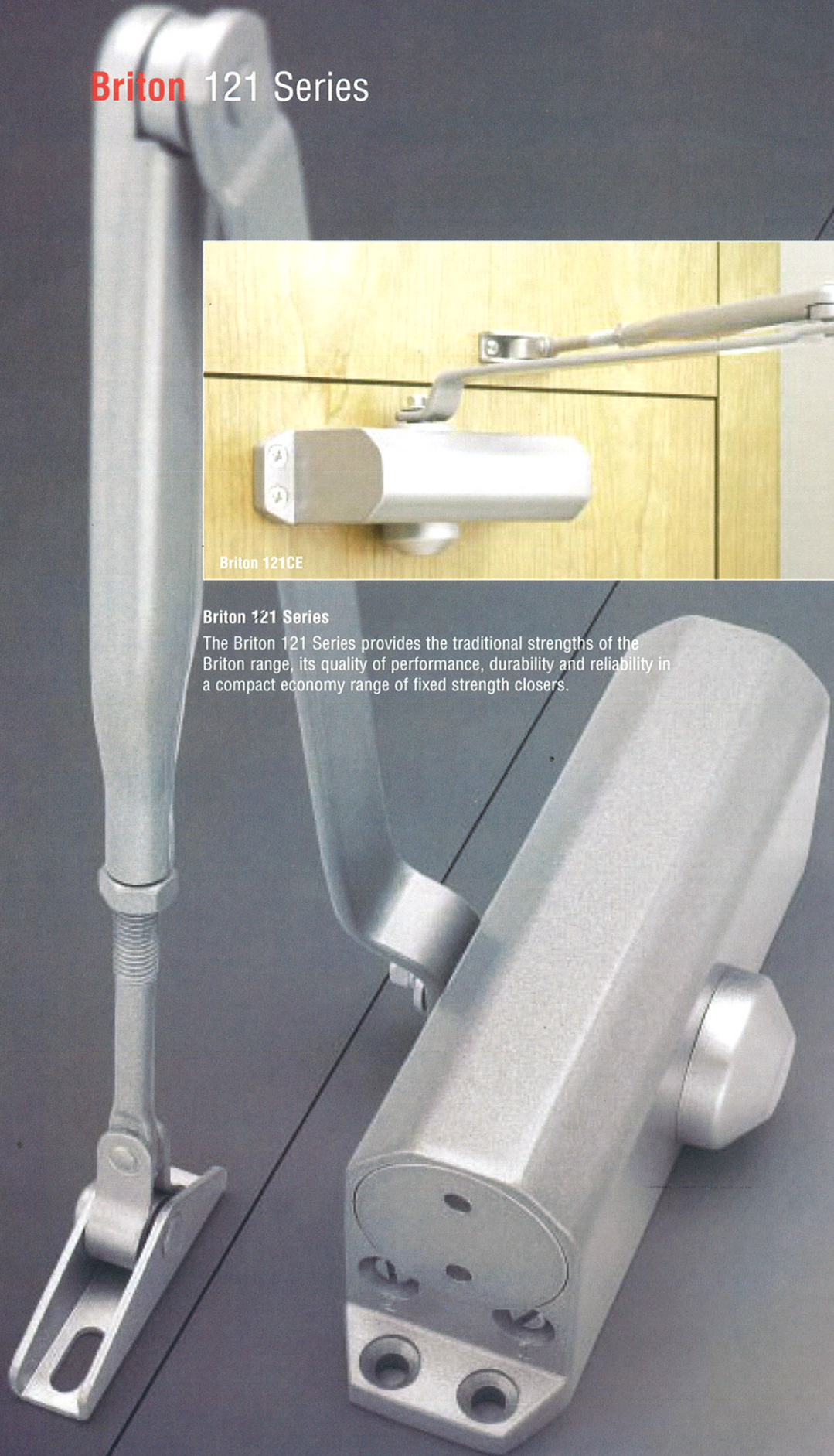
Briton 121 Series



Briton 121CE

Briton 121 Series

The Briton 121 Series provides the traditional strengths of the Briton range, its quality of performance, durability and reliability in a compact economy range of fixed strength closers.



Briton 121CE & 121 Features



The Briton 121 Series comprises 2 compact overhead door closers suitable for the most popular door sizes. It has all the characteristics of performance, durability, functionality and quality that specifiers have come to expect from a Briton door control.



- The Briton 121CE is a fixed strength door closer, power size 3, which is CE Marked, Certifire Approved and is suitable for fire door applications
- The Briton 121 is template adjustable during installation to suit closer sizes 2 to 4. It is NOT CE Marked and is suitable for use in non-fire door applications only



Both products are covered by a full 10 year warranty

Strip steel armset is pressed for increased rigidity. Armset and bracket supplied is suitable for fixing in Fig.1 and Fig.61. An optional bracket is available for fixing in Fig.66 applications



Optional hold open armset has a cam action knuckle which is suitable for either hand of door. It is adjustable and will hold the door open up to 130°. Fig.66 applications require a special fixing bracket to achieve 130°

Note: Not to be used on fire door applications

Separate latch action and closing speed adjustment provides total control of the full closing cycle

Pressure die cast aluminium body has a spray paint finish with matching arms

Hardened and ground steel rack and pinion mechanism for smooth and efficient operation

High quality hydraulic fluid with in-built temperature compensation ensures reliable operation in temperatures from -15°C to +40°C

Non handed design provides 180° opening/controlled closing cycle

Fixings

Each unit is supplied with detailed installation instructions and fixing packs for timber doorsets.

Finishes

Briton 121CE and Briton 121 door closers are available in 4 spray painted finishes. All Briton 121 Series door closers are supplied with matching arms and brackets. See page 15 for further information on finishes.

CE The Briton 121CE door closer is successfully type tested and independently certified for conformity to all the requirements of EN 1154. It is marked with the CE mark and coded as shown below (Figures in brackets indicate the range of codings where the higher numbers indicate a higher rating). For further information on EN 1154 and CE please see page 16.

EN classifications range shown in brackets
(3/4) (8) (1-7) (0/1) (1) (0/4)

121CE 4 8 3 1 1 3

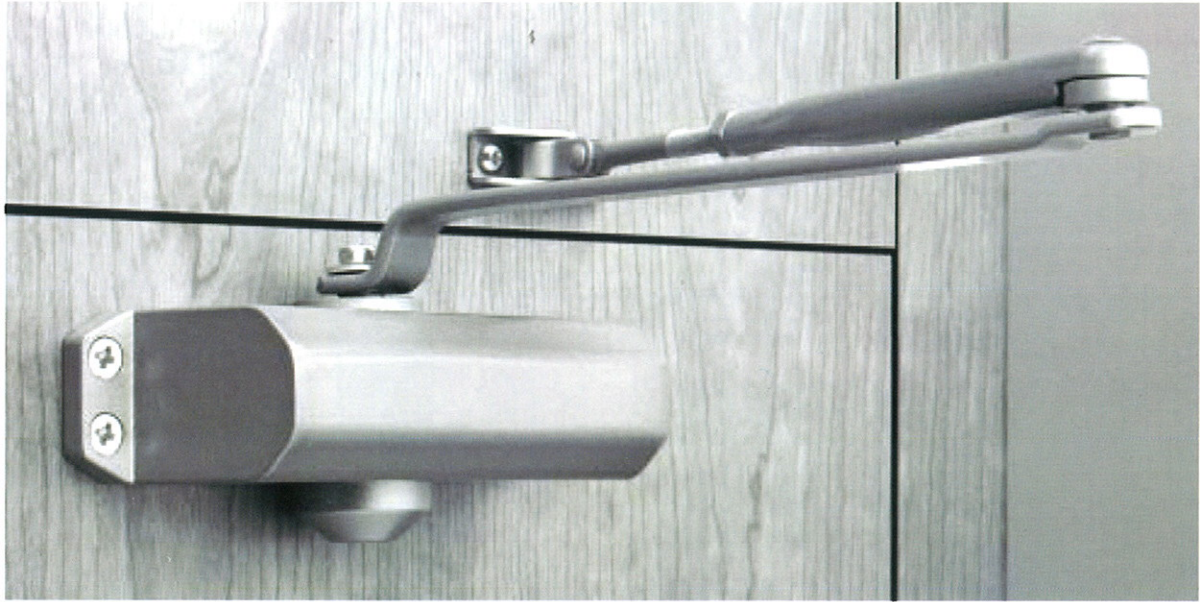
PLEASE NOTE, The following items are NOT CE marked:
Closers fitted in Fig.66 applications
Hold-Open armsets

Product selector

product features		product ref:	
closer size	max. door size width - weight	121CE (fire doors)	121 (non fire door)
1	750mm - 20kg		
2	850mm - 40kg		●
3	950mm - 60kg	●	●
4	1100mm - 80kg		●
5	1250mm - 100kg		
6	1400mm - 120kg		
main features		121CE	121
CE Marked		●	
Suitable for fire doors		●	
Fixed strength or adjustable		fixed	adj.
Method of adjustment		fixed	template
Angle of opening		180°	180°
Separate latch action/closing speed		●	●
Manual hold open option		●	●
Matching arm finish		●	●

Introduction
Hinges
Lockset
Door Handle
Door closer
Glass Door Fittings
Door Hardware Accessories
Exit Device
Panic Exit Device
Steel Door

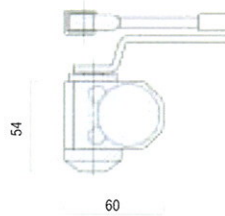
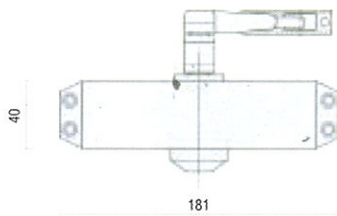
Briton 121CE & 121



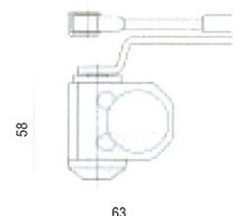
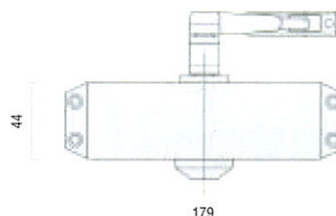
Briton 121.SES in silver finish used on a non-fire door application. For all fire door applications please specify Briton 121CE models.



Briton 121.GES in gold finish with matching arms



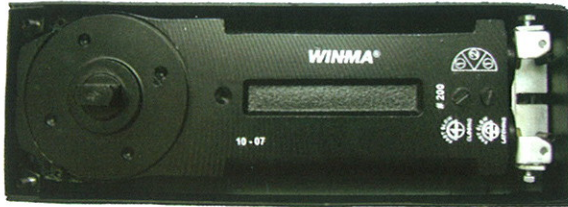
Briton 121CE
4BT121CEREGSIL



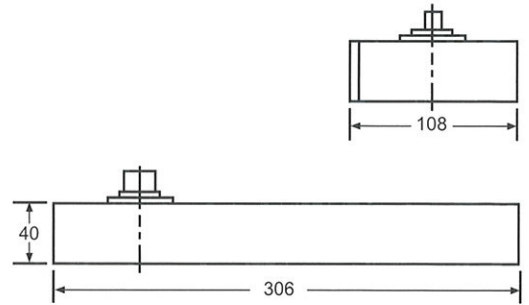
Briton 121
4BT121HOSIL



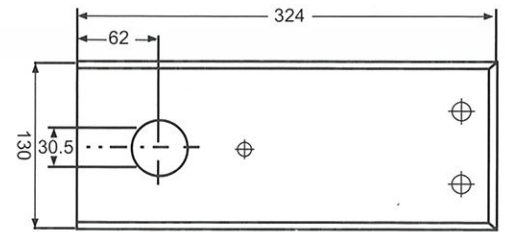
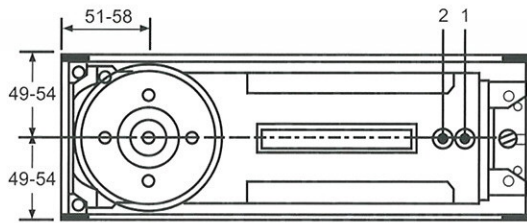
Floor Spring



3WFDCDL740SSC
3WFDCDL740SSF



- 1 Valve for closing speed adjustment 130°-0°
- 2 Valve for increasing closing speed 130°-20°

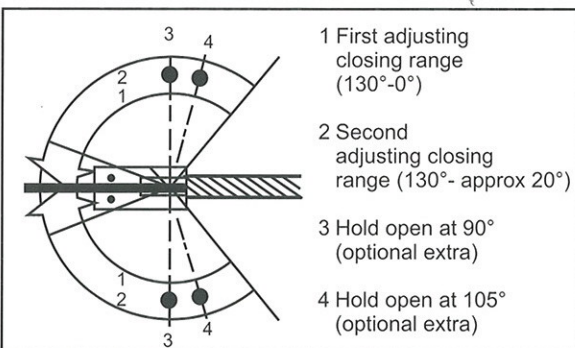


TECHNICAL DATA

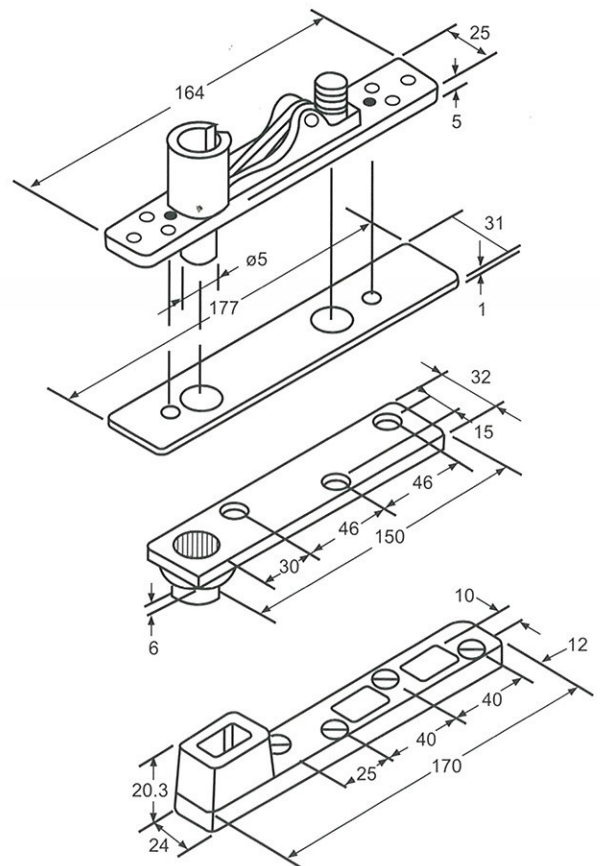
Spring strength		standard	weak	strong
Closing force in Nm approx		20	15	25
Standard and External doors 1) 2)	up to 800mm up to 1100mm	●	●	●
Closing speed variable by valve adjustment		●	●	●
Backcheck		—	—	—
Delayed action		—	—	—
Hold-open point	90°	○	○	○
Or	105°	○	○	○
Weight in Kg.approx		5.0	5.0	5.0
Dimensions in mm	Length	306	306	306
	Width	108	108	108
	Height	40	40	40

● yes — No ○ option

Adjustment in cement box 7mm leng x 10mm width x 4mm height



Adjustable top centres



CLOSING RANGES

The floor spring has two centre Oiled closing ranges
 Valve 1: 130° -0° sweep
 Valve 2: Increases the closing Speed between 130° and 20°

HOLD-OPEN

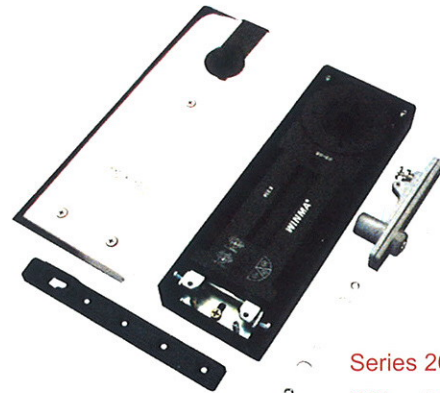
With the hold - open (optional extra), the door can be held at angles of either 90° or 105°



Floor Door Closer

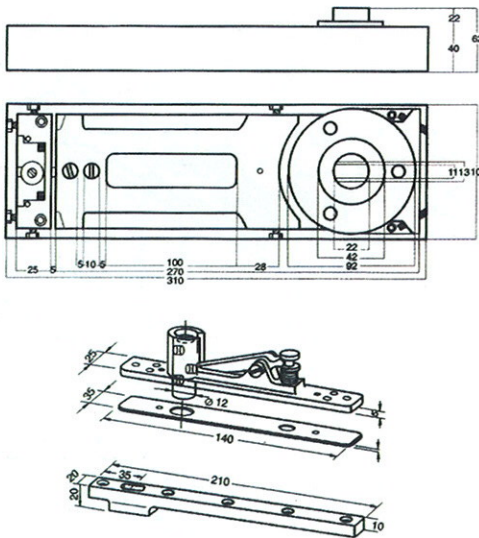


Series 200 Floor Door Closer
Without Accessories



Series 200 Floor Door Closer
Without Accessories

Winma Floor Door Closer has many features and accessories designed for Aluminium, Wooden, Metal, and Tempered Glass Doors



Features:

- Positive centering alignment alignment to hold door closed against any normal wind or draft.
- Maximum opening angle of 105 degree in each direction (for doors opening up to 105 degree, door stop must be fitted).
- Total Mechanism is made of heat treat CR-MO alloy tool steel for steel for and immersed in high quality hydraulic fluid.
- Ensuring smooth operation even under different temperature conditions .
- Maximum door width of 1200 mm, maximum door weight of 100 kgs.
- Series-200 F have a 6-mm height spindle unit for the wooden and toughedned glass door.
- Cement Box: 310 mm length x 108 mm width x 40 mm depth.
- Adjustment in Cement Box: 6 mm length x 8 mm width x 4 mm height.
- Standard Cover Plate: Stainless Steel or Stainless steel with titanium coating

PARTS AND ACCESSORIES 200 AND 300		PART
Unit Body Series 200F (6 mm Height Spindle)	200F	PART
Unit Body Series 300F (6 mm Height Spindle)	300F	PART

DOOR SIZE CHART-SCHEDULE OF MODEL AND TYPE				
DOOR SIZE	SPRING TENSION	SERIES 200	SERIES 300	TYPE
Up TO 750 mm x 2100 mm	LIGHT	Model 220 F 221 F	Model 320 F 321 F	90° Hold-OPEN F No Hold-Open
800 mm-950 mm x 2100 mm	MEDIUM	Model 230 F 231 F	Model 330 F 331 F	90° Hold-OPEN F No Hold-Open
1000 mm-1250 mm x 2100 mm	HEAVY	Model 240 F 241 F	Model 340 F 341 F	90° Hold-OPEN F No Hold-Open

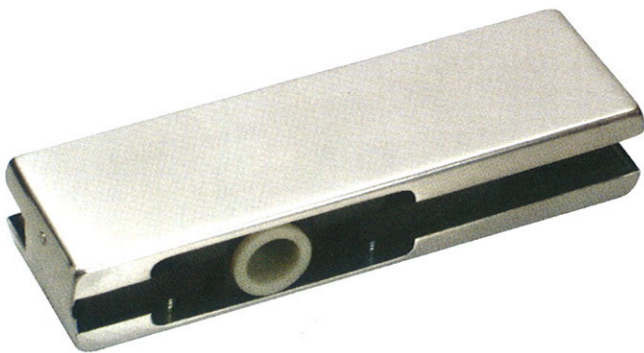
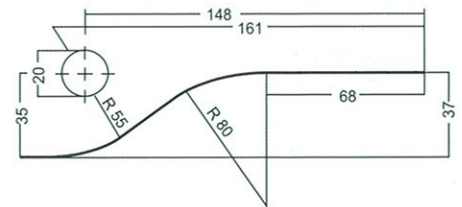
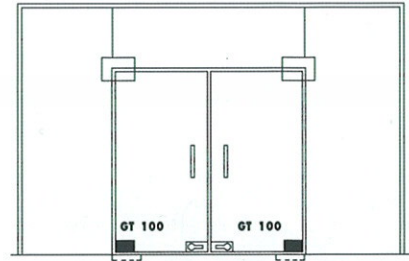


Winma Fittings



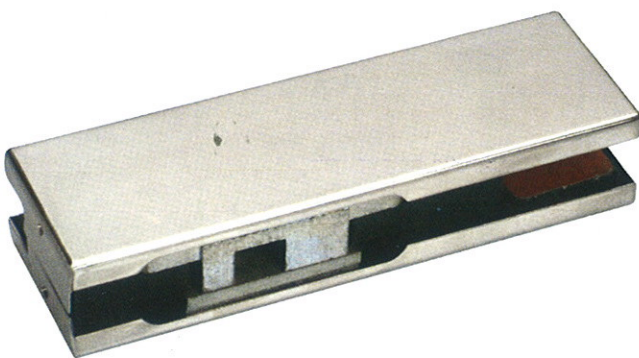
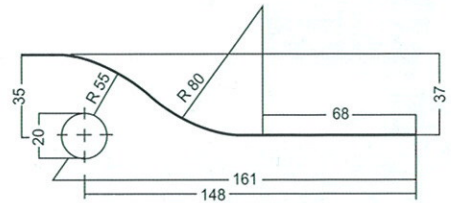
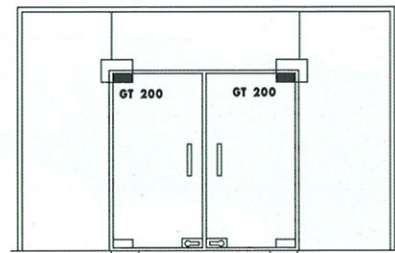
3JGT100PS

GT 100 Bottom Fitting
ตัวหนีบล่าง



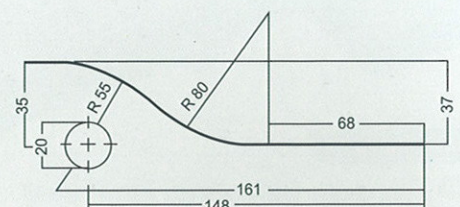
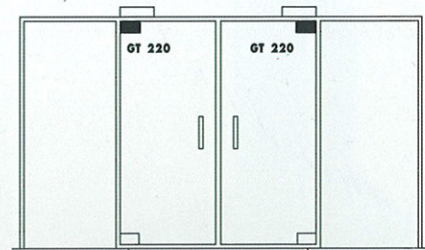
3JGT200PS

GT 200 Upper Fitting
ตัวหนีบบน



3JGT220PS

GT 220 Upper Patch Fitting for Overhead Door Closer
ตัวหนีบบน (ใช้กับ OH SERIES 500)



Introduction

Hinges

Lockset

Door Handle

Door closer

Glass Door Fittings

Door Hardware
Accessories

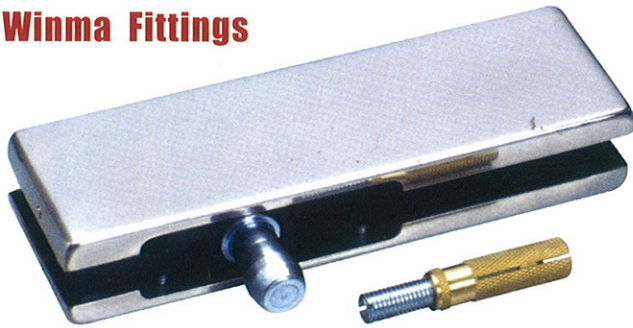
Exit Device

Panel Exit Device

Special Device



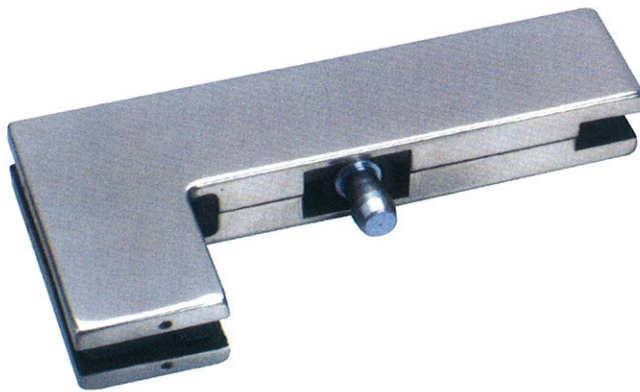
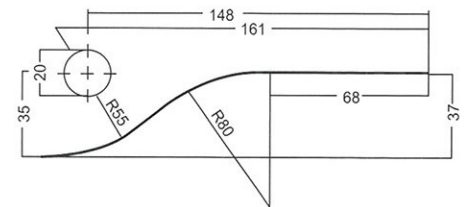
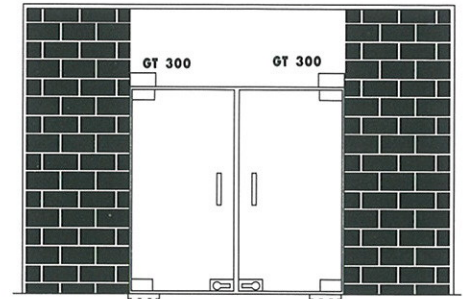
Winma Fittings



3JGT300PS

GT 300 Transom Fitting

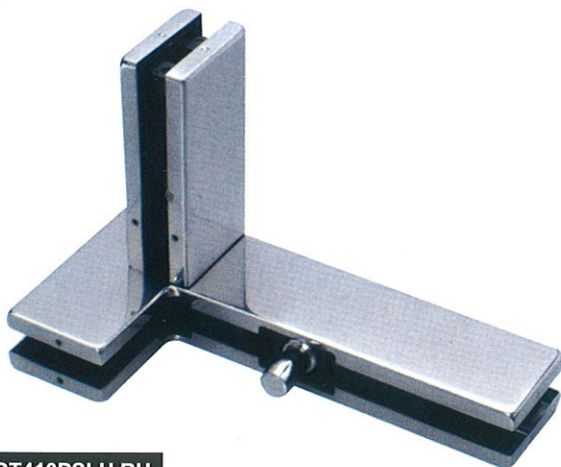
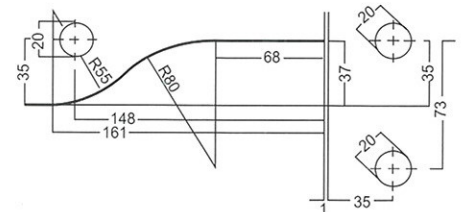
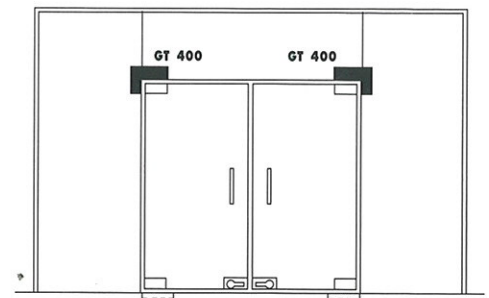
ตัวหนีบช่องแสงบน



3JGT400PS

GT 400 Transom Sidepanel Fitting

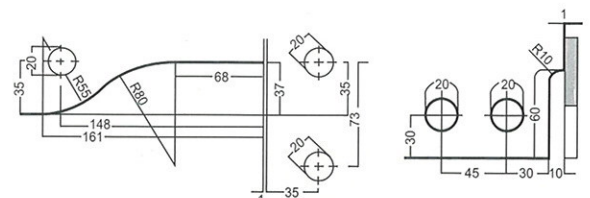
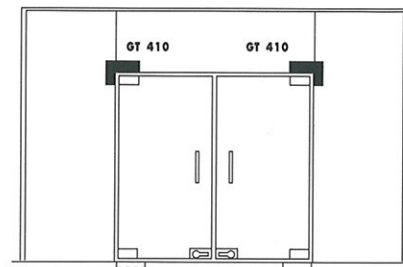
ตัวหนีบช่องแสงบนและข้าง



3JGT410PSLH,RH

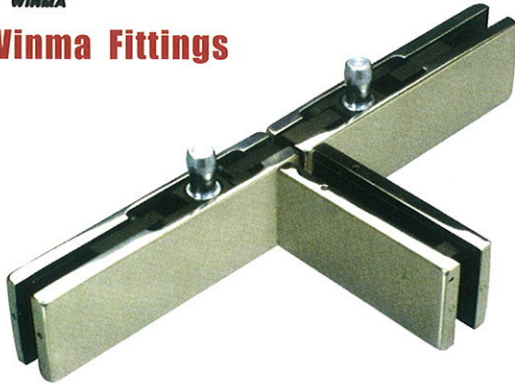
GT 410 Transom Sidepanel Fin Fitting

ตัวหนีบช่องแสงบนและข้างแบบมีคียบ





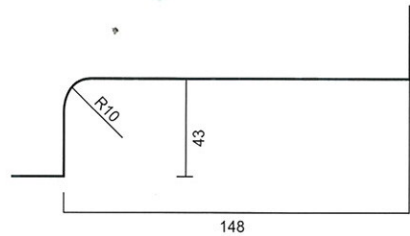
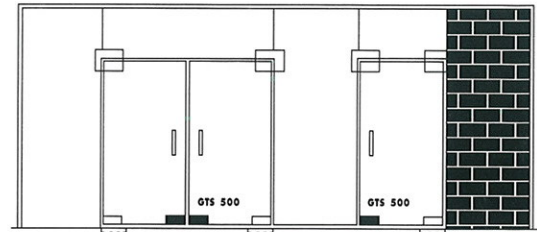
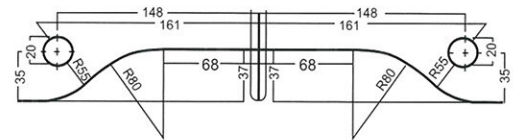
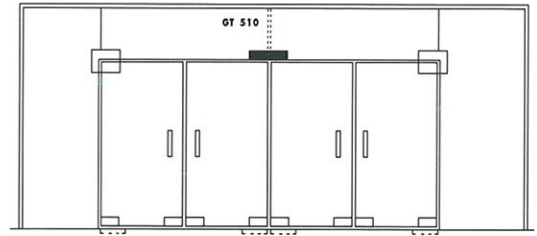
Winma Fittings



3JGT510PS

GT 510 Fin Fitting for Back to Back Doors

ตัวหนีบช่องแสงบนชนิดประตูบานคู่



3JGTH500PS

GTS 500 Patchlock with Cylinder

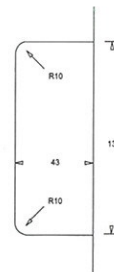
ตัวหนีบกุญแจมุมล่าง, มุมบน



3JGTS501PS

GTS 501 Centerlock with Cylinder

ตัวหนีบกุญแจกลางประตู



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Panic Exit Device

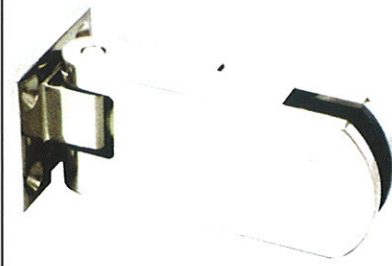
Steel Door



WINMA GLASS SHOWER HINGE

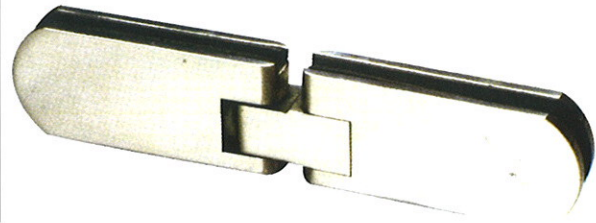
TG 989.1 Wall - to-Glass

3TG9891CHROME



TG 989.2 Glass - to-Glass

3TG9892CHROME



WINMA - Glass Shower Hinge

Introduces the totally new TG series of self-closing hinges for tempered glass panels and doors to shower and bath enclosures.

Specification :

Winma TG self-closing hinges are designed for a glass door or panel width of up to 1000 mm with a maximum weight of 40 kgs. The hinges are made to be used with 8 mm glass, in which the hinges for 10 mm glass can also be made-to-order.

The hinges are handed with 1 left hand and 1 right hand being supplied per set. There are 4 fixing screws.

TG hinges can be used on tempered glass interior doors, providing the width and weight restrictions are observed.

Technical Details

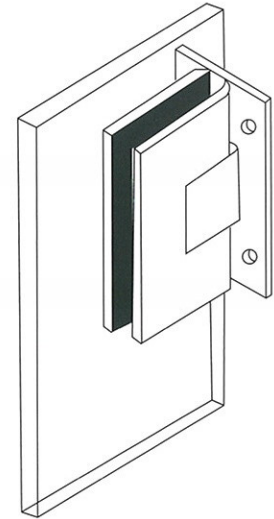
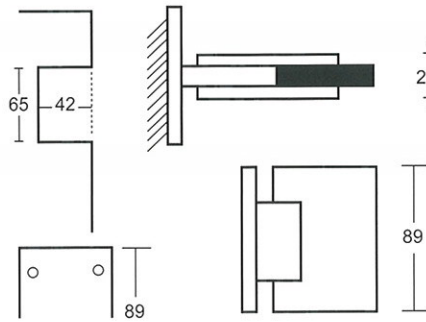
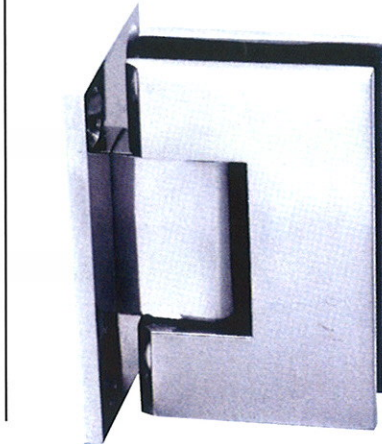
- Top and bottom glass preparation is identical. Simple glass preparation gives maximum stability and secure fixing of the hinge to the door or panel with only two screws.
- Easy installation with four screws per hinge to fix to the wall.
- Self closing from approx. 25° with positive holding in closed position.
- A choice of superb architectural finishes.



WINMA GLASS SHOWER HINGE

TG 990.1 Wall-to-Glass

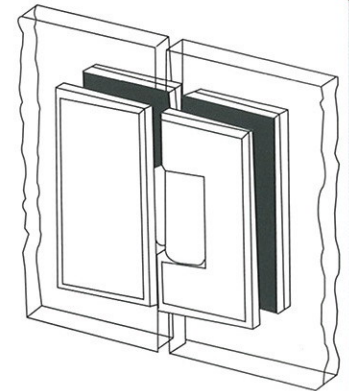
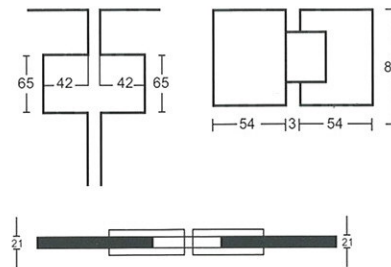
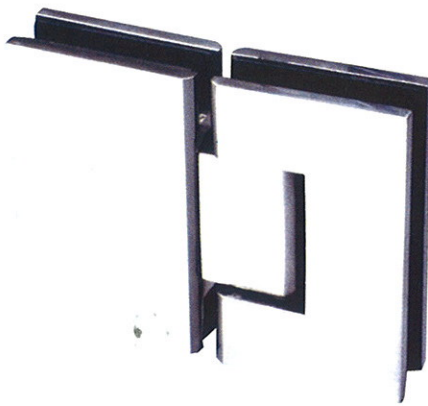
3TG9901PS



Single hinge (Wall/ Glass)
For shower doors or light doors.
(8 or 10 mm glass thickness)

TG 999.1 Glass-to-Glass

3TG9991PS



Double hinges (Glass/Glass)
For shower doors or light doors
(8 or 10 mm glass thickness)

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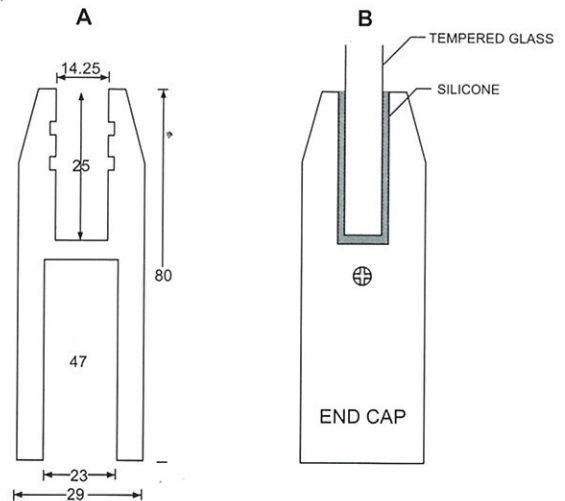
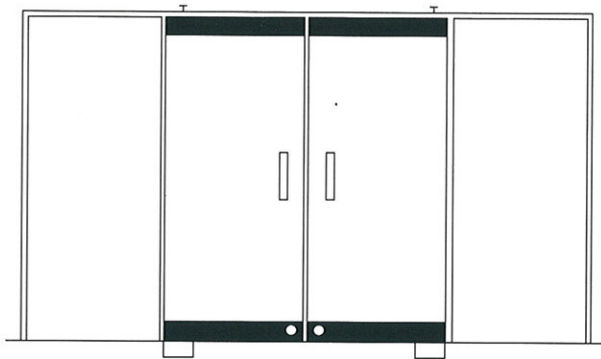
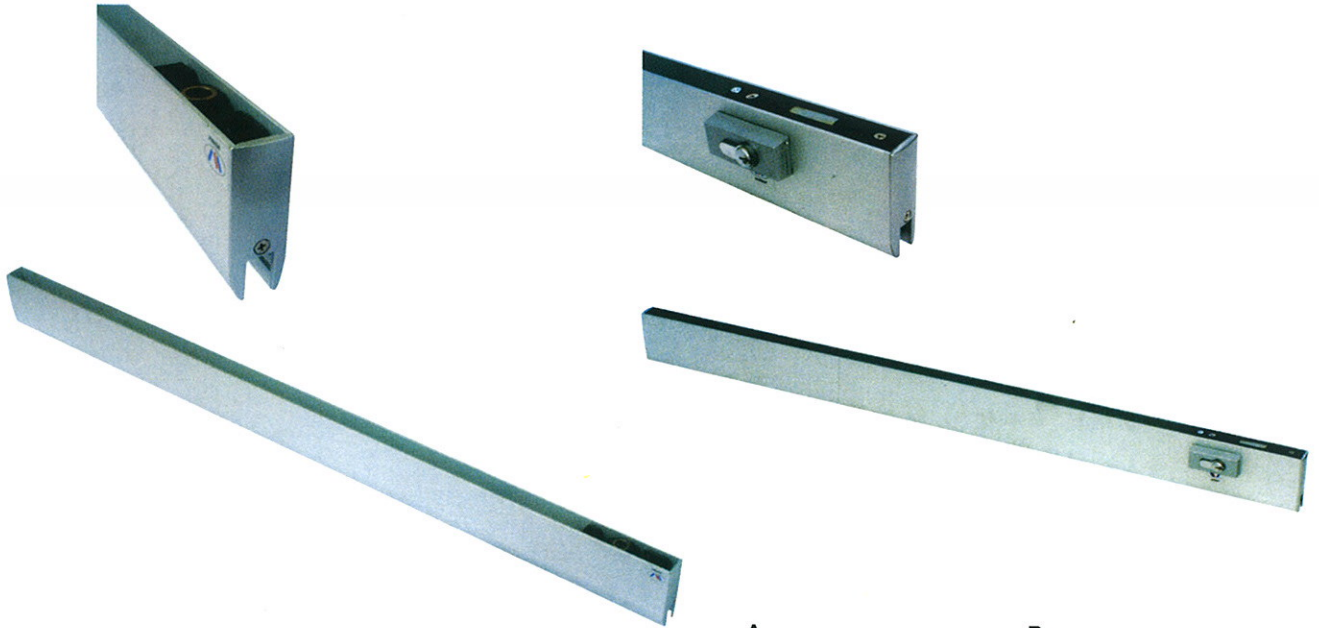
Handrail

Door



WINMA DOOR RAIL

3WDRAIL10010SV



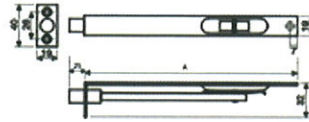
Winma Door Rail is made of aluminium alloy No. 6063 extrusion sections and finished by anodization. It has been carefully produced quality materials with sleek design to meet the highest standard of reliability and durability.

With the 80 mm height and only 29 mm thickness, Winma Door Rail is very suitable for 10 or 12 mm toughened glass. The outstanding advantage is that the bottom rail lock can be masterkeyed with Schlage or Skulthai Locks.

SCL



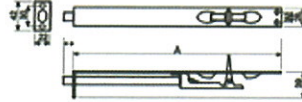
1FB001SLSS



กลอนฝังสแตนเลส
Stainless steel flush bolt
SCL FB 001 SS
Finish: SS, PSS, AB, AC
Length A: 6", 12"



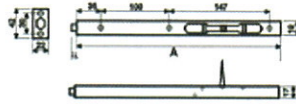
1FB002SS



กลอนฝังสแตนเลส
Stainless steel flush bolt
SCL FB 002 SS
Finish: SS, PSS, AB, AC
Length A: 6", 12"



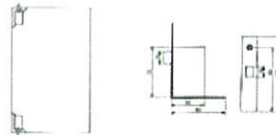
1FBDB004BP



กลอนฝังสแตนเลส/ทองเหลือง
Stainless steel or Brass
flush bolt
SCL DB 004 SS
Finish: SS, PSS, BP, AB, AC
Length A: 8", 12"



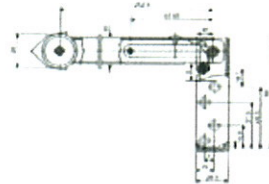
1FDB001SS



Stainless steel fire door bolt
SCL DB 008A
Finish: CP, NP, SCP, AB, AC
Length A: 6", 12"



1CO001SS



กลอนฝังเนื้อทองเหลือง
Stainless steel door coordinator
SCL CO 001 SS
Finish: SS, PSS, BP, TIP, AB, AC



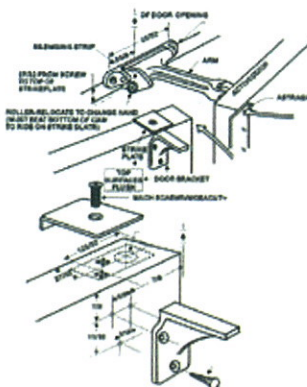
1FBDB008A



กลอนฝังเนื้อทองเหลือง
Brass Flush Bolt
SCL DB 008A
Finish: CP, NP, SCP, AB, AC
Length A: 6", 12"



1CORC0004SS



อุปกรณ์ประสานบานประตู
Stainless steel door
coordinator
SCL CO 004 SS
Finish : SS, PSS

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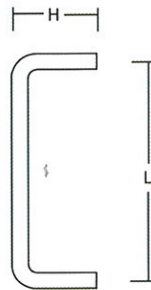
Exit Device

Panic Exit Device

Steel Door



SCL



SCL Pull Handle No. 44-4

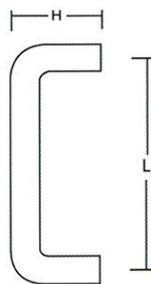
Size : L 100 mm

H 30 mm

Diameter : 8 mm

Finish : SS

1PH444SS



Winma C-Shape Pull Handle

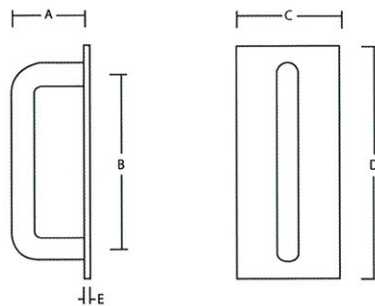
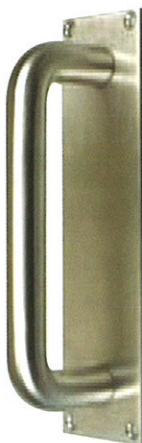
Size : L 6", 8", 10"

H 60, 54, 70 mm

Diameter : 19 mm

Finish : SS

3PH6SSW



Winma C-Shape Pull Handle with Back Plate

No. 3PH6SSPW

Size : A = 45 mm

B = 155 mm

C = 50 mm

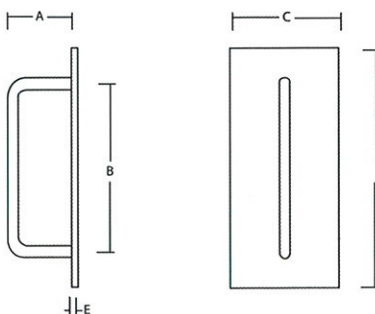
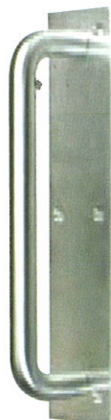
D = 203 mm

E = 2.5 mm

Diameter : 19 mm

Finish : SS

3PH6SSPW



SCL C-Shape Pull Handle with Back Plate

No. 1PHB500 x 200 mm

Size : A = 60 mm

B = 205 mm

C = 50 mm

D = 250 mm

E = 2 mm

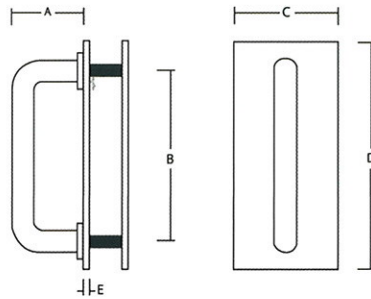
Diameter : 16 mm

1PHB500x200MM

SCL



3PH8SSPW

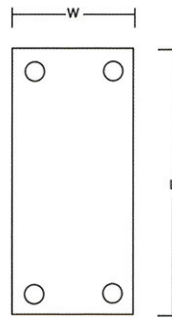


C-Shape Push and Pull Handle

Size : A = 73 mm
 B = 210 mm
 C = 100 mm
 D = 300 mm
 E = 5 mm
Diameter : 25 mm
Finish : PS



1PUSHPLATE126SS

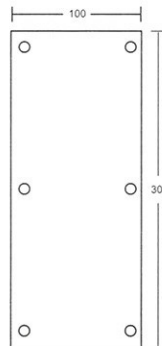


SCL Push Plate

Size : L 12"
 W 6"
 Thickness 2 mm
Finish : SS



1PP06A100300SS

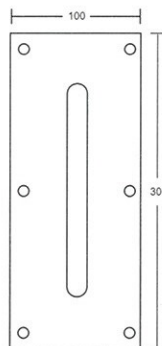


มือผลักสตนเลส

Push sign Plate
 (square type sign plate)
Size: 100 mm x 300 mm x 1.5 mm
SCLSP006ASS
 Finishes: SS, PSS



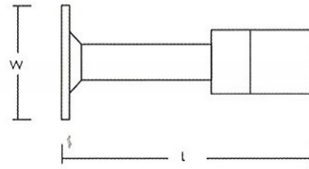
1PH302C19230SS



มือดึงสตนเลส

Pull handle with sign plate
Size: 100 mm x 300 mm x 1.5 mm
Tube size : 19mm x 230 mm
SCLPH302CSS
 Brass Finishes: SS, PSS

SCL



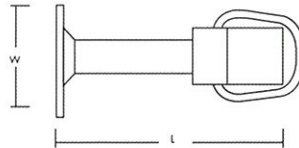
1DBH23SS

SCL Door Bumper No. H23

Size : L 90 mm

W 46 mm

Finishes : SS



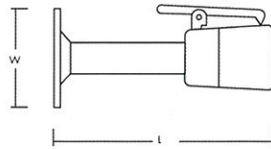
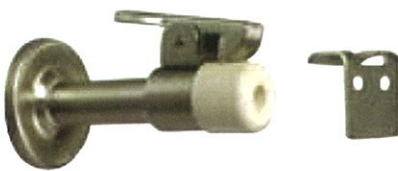
1DBH22SS

SCL Door Stopper and Holder No. H22

Size : L 90 mm

W 46 mm

Finishes : SS



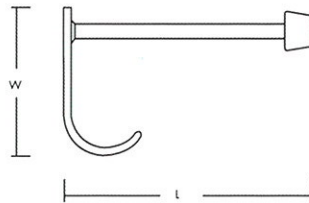
1DSBP21US32D

SCL Door Stopper and Holder No. BP21

Size : L 90 mm

W 46 mm

Finishes : SS



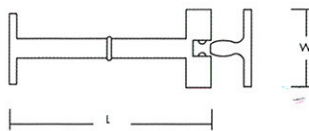
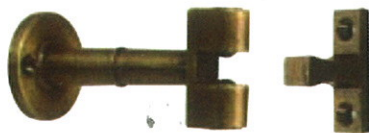
1DS607US32D

SCL Door Bumper and Hanger No. 607

Size : L 90 mm

W 65 mm

Finishes : SS



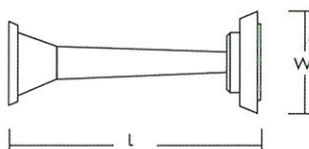
1DS860AB

SCL Door Holder No. 860

Size : L 75 mm

W 37 mm

Finishes : AB, AC



1DSGATEAB

SCL Door Stopper and Holder "Gate"

Size : L 80 mm

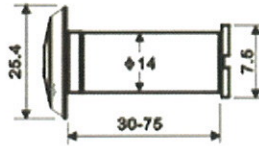
W 45 mm

Finishes : AB, AC

SCL



1DVBF160PB



เลนส์มอง 160

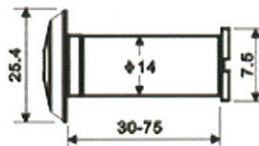
Door Viewer

SCL DV 160

Finishes: AB, AC, PB, PC



1SCLDV180PB



เลนส์มอง 180

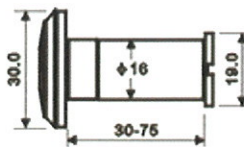
Door Viewer

SCL DV 180

Finishes: CP, NP, AB, AC



1SCLDV200CP



เลนส์มอง 200

Door Viewer

SCL DV 200

Finishes: CP, NP, AB, AC



1DSMDS006CP



กันชนแม่เหล็ก

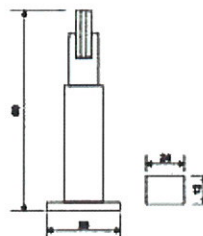
Magnetic Door Stopper

SCL MDS 006

Brass Finishes: CP, NP, SNP, SCP, AB, AC



1DSMDS008SPN



กันชนแม่เหล็ก

Magnetic Door Stopper

SCL MDS 008

Brass Finishes: CP, NP, SNP, SCP, AB, AC

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Paint Exit Device

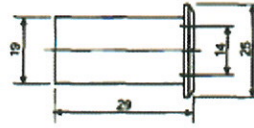
Special Door



SCL



1DPS001BR



น้้ารับกลอนสแตนเลส

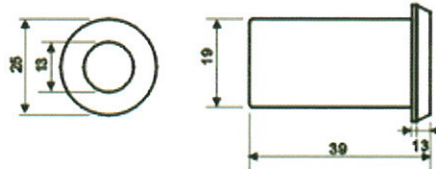
Brass dust-proof strike without plate

SCL DS 003 SS

Finishes: S&L, P&L, CP, NP, GP, AB, AC



1DPS003SS



น้้ารับกลอนสแตนเลส

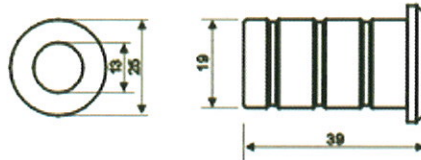
Stainless steel dust-proof strike

SCL DS 003 SS

Finishes: SS, PSS, AB, AC



1DPS004SS

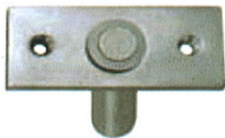


น้้ารับกลอนสแตนเลส

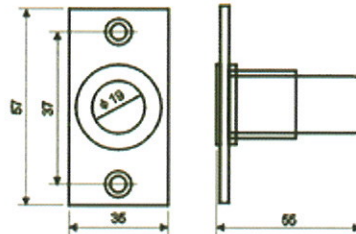
Stainless steel dust-proof strike

SCL DS 004 SS

Finishes: SS, PSS, AB, AC



1DPS002BR



**น้้ารับกลอนมีแผ่นเพลทสแตนเลส/
ทองเหลือง**

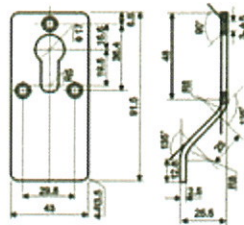
**Stainless steel or Brass dust-proof
strike with plate**

SCL DS 002 SS/BR

Finishes: SS, PSS, AB, AC



1ECES001SS

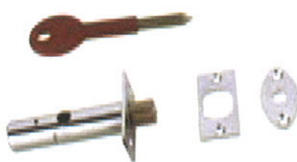


แผ่นปิดใต้กุญแจมีที่จับ

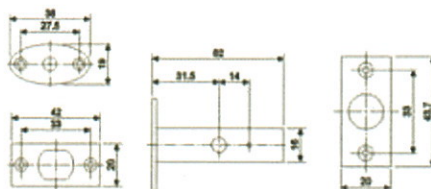
Stainless steel escutcheon

SCL ES 001 SS

Finishes: SS, PSS



1SCLNKCL001



กุญแจช่างคาร์ป

Engineer key

SCL EN KCL 001

VON DUPRIN® 22 Rim Exit Device



299 Strike

Finish



Sprayed Aluminum (SP28)

Sprayed Dark Bronze (SP313)

22 rim exit device for all types of single and double doors with mullion, UL listed for Panic Exit Hardware. Devices are ANSI A156.3, 2001, Grade 1. Covers stock hollow metal doors with 161* cutouts. Fits door stiles as narrow as 3 13/16" (97mm), See opposite page for available outside trim and device functions.

**Not applicable with all strike and mullion combinations, consult factory.*

Specifications




Device Functions	Ships ready for all functions; EO, DT, NL, TP, K, L
Device Handing	Non-Handed
Device Lengths	3' (914mm) – see minimum door opening chart at bottom of page 4' (1219mm) – see minimum door opening chart at bottom of page
Strikes	299 Dull Black Optional Strikes
Dogging Feature	Hex key dogging standard LD Less Dogging
Electric Options	LX Latchbolt Monitor Switch RX Touch Bar Monitor Switch RX2 Double Touch Bar Monitor Switch ALK Alarm Exit Kit
Miscellaneous Options	GBK Glass Bead Kit
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (19mm) – 2 1/4" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities
Latch Bolt	Deadlocking, 3/4" (19mm) throw
Device Centerline from	39 13/16" (1011mm) at center of device Finished Floor 39 11/16" (1008mm) with Mullion
Device Dimensions	

Minimum Door Opening Chart

Stop Height	Strike	Single Door	Double Door w/Mullion	Minimum Door Opening for 3' device*	Minimum Door Opening w/ALK*
1/2"	299	Yes	—	26.500" (673mm)	33.250" (845mm)
1/2"	1439	Yes	—	25.687" (652mm)	32.437" (824mm)
1/2"	299	—	4754/4854/4954	27.000" (686mm)	33.750" (857mm)
1/2"	299	—	5654	25.812" (656mm)	32.562" (827mm)
1/2"	1408	—	5754	25.750" (679mm)	32.500" (826mm)
1/2"	1606	—	1654	26.562" (675mm)	33.312" (846mm)
5/8"	299	Yes	—	26.750" (679mm)	33.500" (851mm)
5/8"	1439	Yes	—	25.937" (659mm)	32.687" (830mm)
5/8"	299	—	4754/4854/4954	27.125" (689mm)	33.875" (860mm)
5/8"	299	—	5654	26.687" (678mm)	33.437" (849mm)
5/8"	1408	—	5754	25.875" (657mm)	32.625" (829mm)
5/8"	1606	—	1654	26.687" (678mm)	33.437" (849mm)

*For 4' device, add 6" (152mm)

VON DUPRIN. 22 Rim Exit Device Standard Trim

	Exit only	Dummy Trim Pull when Dogged	Night Latch Key Retracts Latchbolt	Night Latch Key Retracts Latchbolt Optional Pull Required
				
Product Description	22EO	22DT	22NL	.22NL-OP
Trim Description	—	210DT*	210NL*	110NL-MD* 110NL-WD*
Escutcheon Plate Size	—	5 ⁵ / ₈ " x 4 ²⁵ / ₃₂ " x ³ / ₃₂ " (137x121x2mm)	5 ⁵ / ₈ " x 4 ²⁵ / ₃₂ " x ³ / ₃₂ " (137x121x2mm)	—
Pull Center to Center	—	—	—	—
Projection	—	1 ³ / ₃₂ " (42mm)	1 ³ / ₃₂ " (42mm)	—
ANSI Function	01	02	03	03
Cylinder Type	—	—	Rim	Rim
Optional Trim (See page 10)	230EO	230DT	230NL	—
Optional #425 Sex Bolt Quantity for Device	6 (with no trim) 2 (with EO trim)	2	2	6

* ANSI/BHMA A156.3 (2001) Grade 1 Trim

	Thumbpiece Key Locks & Unlocks	Knob Key Locks & Unlocks	Lever Key Locks & Unlocks
			
Product Description	22TP	22K	22L
Trim Description	230TP*	210K	230L*
Escutcheon Plate Size	3" x 12 ¹ / ₁₆ " x ³ / ₃₂ " (76x306x2mm)	3" x 4 ²⁵ / ₃₂ " x ³ / ₃₂ " (76x121x2mm)	3" x 6 ³ / ₈ " x ¹⁵ / ₁₆ " (76x162x24mm)
Pull Center to Center	5 ¹ / ₂ " (140mm)	—	—
Projection	2" (51mm)	2 ¹⁵ / ₁₆ " (75mm)	2 ⁵ / ₈ " (67mm)
ANSI Function	05	08	08
Cylinder Type	1 ¹ / ₄ " Mortise	Furnished	1 ¹ / ₄ " Mortise
Optional Trim (See page 10)	230TP-BE	210K-BE	230L-BE
Optional #425 Sex Bolt Quantity for Device	2	2	2

* ANSI/BHMA A156.3 (2001) Grade 1 Trim

VON DUPRIN® 22-F Rim Fire Exit Device

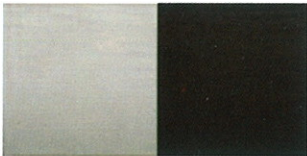


299F Strike



499F Strike
With 9854/9954
Mullion

Finish



Sprayed
Aluminum
(SP28)

Sprayed
Dark Bronze
(SP313)

22-F rim fire exit device for all types of single doors up to 4' x 8' (1219mm x 3048mm) or 8' x 8' (2438mm x 3048mm) double doors with 9954 or 9854 mullion, UL listed for Fire Exit Hardware. **information.** Devices are ANSI A156.3, 2001, Grade 1. Fits door stiles as narrow as 4 3/8" (111mm), opposite page for available outside trim and device functions.

Specifications

Device Functions	Ships ready for all functions; EO, NL, TP, K, L
Device Handing	Non-Handed
Device Lengths	3' (914mm) – see minimum door opening chart at bottom of page 4' (1219mm) – see minimum door opening chart at bottom of page
Finishes	SP28, SP313
Strikes	299F – Dull Black, single doors 499F – Dull Black, double door with 9954 or 9854 mullion
Dogging Feature	No mechanical dogging
Electric Options	LX Latchbolt Monitor Switch RX Touch Bar Monitor Switch RX2 Double Touch Bar Monitor Switch ALK Alarm Exit Kit
Miscellaneous Options	GBK Glass Bead Kit
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (19mm) – 2 1/4" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities. Sex bolts are required on wood fire doors.
Latch Bolt	Deadlocking, 3/4" (19mm) throw
Device Centerline from	39 13/16" (1011mm) at center of device Finished Floor 39 11/16" (1008mm) with Mullion
Device Dimensions	

Minimum Door Opening Chart

Stop Height	Strike	Single Door	Double Door w/Mullion	Minimum Door Opening for 3' device*	Minimum Door Opening w/ALK*
1/2"	299F/499F	Yes	—	26.500" (673mm)	33.250" (845mm)
1/2"	299F/499F	—	KR/9854/9954	27.000" (686mm)	33.750" (857mm)
5/8"	299F/499F	Yes	—	26.750" (679mm)	33.500" (851mm)
5/8"	299F/499F	—	KR/9854/9954	27.125" (689mm)	33.875" (860mm)

*For 4' device, add 6" (152mm)

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Panic Exit Device




Steel Door

VON DUPRIN® 22-F Rim Fire Exit Device Standard Trim

	Exit only	Night Latch Key Retracts Latchbolt	Night Latch Key Retracts Latchbolt Optional Pull Required
			
Product Description	22EO-F	22NL-F	22NL-OP-F
Trim Description	—	210NL**	110NL-MD** 110NL-WD**
Escutcheon Plate Size	—	5 ³ / ₈ " x 4 ²⁵ / ₃₂ " x ³ / ₃₂ " (137x121x2mm)	—
Pull Center to Center	—	—	—
Projection	—	1 ³ / ₃₂ " (42mm)	—
ANSI Function	01	03	03
Cylinder Type	—	Rim	Rim
Optional Trim (See page 10)	230EO	230NL	—
*Optional #425 Sex Bolt Quantity for Device	6 (with no trim) 2 (with EO trim)	2	6
*Additional 425 SNB for 499F strike	2	2	2

* Sex Bolts are required for wood fire doors

** ANSI/BHMA A156.3 (2001) Grade 1 Trim

	Thumbpiece Key Locks & Unlocks	Knob Key Locks & Unlocks	Lever Key Locks & Unlocks
			
Product Description	22TP-F	22K-F	22L-F
Trim Description	230TP**	210K	230L**
Escutcheon Plate Size	3" x 12 ¹ / ₁₆ " x ³ / ₃₂ " (76x306x2mm)	3" x 4 ²⁵ / ₃₂ " x ³ / ₃₂ " (76x121x2mm)	3" x 6 ³ / ₁₆ " x ¹⁵ / ₁₆ " (76x162x24mm)
Pull Center to Center	5 ¹ / ₂ " (140mm)	—	—
Projection	2" (51mm)	2 ¹⁵ / ₁₆ " (75mm)	2 ⁵ / ₈ " (67mm)
ANSI Function	05	08	08
Cylinder Type	1 ¹ / ₄ " Mortise	Furnished	1 ¹ / ₄ " Mortise
Optional Trim (See page 10)	230TP-BE	210K-BE	230L-BE
*Optional #425 Sex Bolt Quantity for Device	2	2	2
*Additional 425 SNB for 499F strike	2	2	2

* Sex Bolts are required for wood fire doors

** ANSI/BHMA A156.3 (2001) Grade 1 Trim



Briton

Why do you need Panic Exit Hardware?

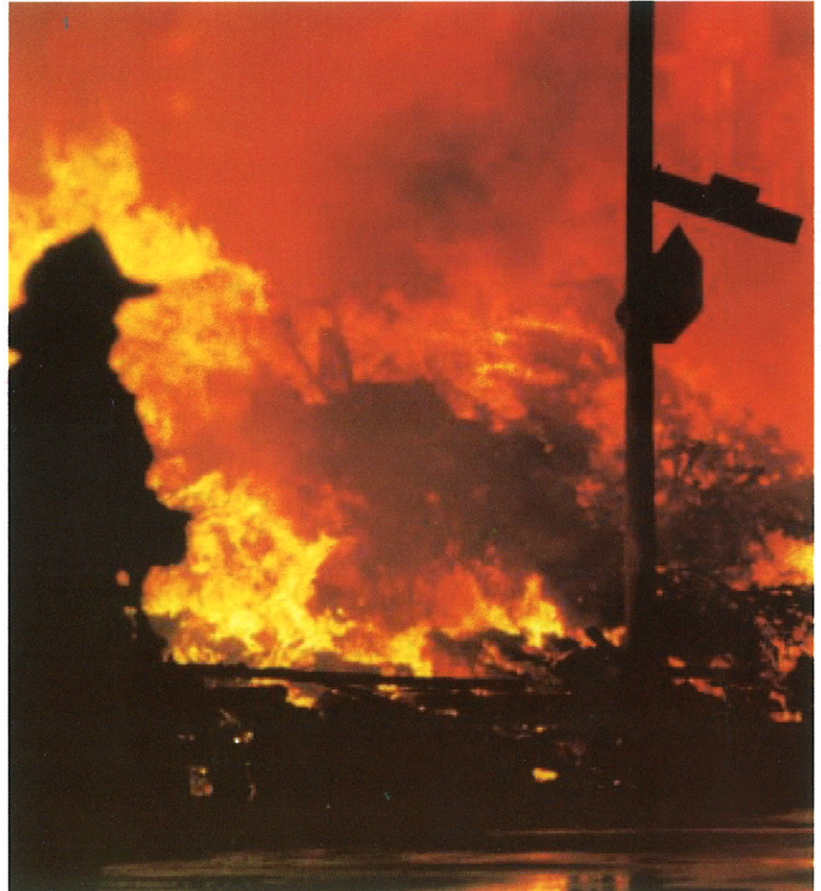
Imagine...

...you're sitting in a theatre watching a sell-out play, captivated by the performance oblivious to your surroundings.

Suddenly!

...the stage is on fire and the flames roar towards you. Screams echo all around, as confusion and panic set in.

Holding onto your loved ones you clamber over the seats to escape the intense heat. You run towards the doors fighting for a way out. You reach the door and frantically try to open it, but no matter how hard you try the door will not open. Overcome by smoke you collapse to the floor, breathing becomes impossible... you pass out.



Fighting for your life...

An experience that far too many people have endured due to ignorance. Even though the panic exit device was invented nearly 100 years ago and generally has been developed into what can only be described as a 'life saver' people are still fighting for and losing their lives in tragedies worldwide due to:

- devices disabled with chains or wedges
- incorrectly installed devices
- poorly maintained products
- doors fitted with products not fit for the purpose

Too many people have lost their lives because they didn't have a choice...

You do.

Exit devices save lives

When disaster strikes we only hear about the negative aspect such as the injuries sustained and the lives lost. Very rarely do we hear the positive side, such as the number of people who escaped and survived simply because the right product was fitted and more importantly that it worked when it really needed to.

Briton panic exit hardware setting the standard

If the panic exit hardware is branded Briton you can be guaranteed that the product has been successfully tested and exceeds the requirements of EN 1125.

Continual investment into performance testing beyond the requirements of any standard ensure that all Briton panic exit hardware products are of the highest calibre.

Quality control manufacturing

The Briton 376E series undergoes something much more demanding than the traditional quality control procedure.

Quality is built in at every stage of manufacture by the people behind the product. From design to machine operation, assembly and through to inspection every individual takes responsibility for their part in the manufacture of the product and contributes to a continuous quality control ethic.

Briton exit devices are manufactured at IR Security & Safety who are accredited under EN ISO 9001 1994, which covers all aspects of their business from design through manufacture, to final inspection and ongoing customer service.

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Panic Exit Device

Briton

Understanding EN 1125 & EN 179 and CE

These standards will effectively become MANDATORY.

Every new build or replacement panic and emergency exit application is required to comply with European safety legislation. The European standards EN 1125 and EN 179 covering exit devices for buildings have now been designated to demonstrate compliance with this legislation. Together they replace BS 5725:pt1:1981 which is now withdrawn.

Two standards instead of one - which one for which application?

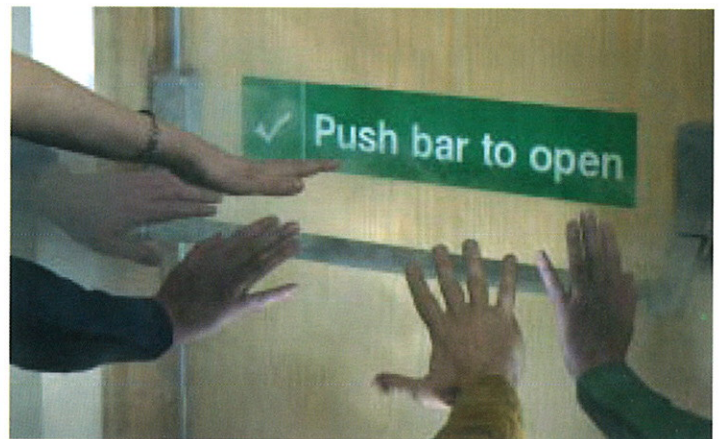
Panic Application - EN 1125

A panic application is where the exit door is used by the public and provides "safe and effective escape through the doorway with minimum effort and without prior knowledge of operation".

For example:

- Theatres
- Shops
- Schools
- Hospitals
- Cinemas

Products used in panic applications require an operating device that covers the width of the door e.g. crossbars or touchbars.



Emergency Application - EN 179

An emergency application is where the exit door is in a low occupancy environment and will only be used by trained personnel.

For example: a place of work, never accessed by the public or people unfamiliar with the escape drill.

- Offices
- Private Flats and Apartments
- Store Rooms / Boiler Rooms

Products used in emergency applications require only a single point of operation e.g. pushpads or levers.



Briton 376E series of exit hardware carries the CE mark visibly showing that the products have been independently tested and assessed to the very latest European standards EN 1125 and EN 179. CE marking is a requirement of the European Construction Products Directive.

From April 2003 it will become mandatory for all manufacturers to be able to prove CE compliance for exit devices to be used on fire and escape doors. Copies of certificates are available on request, please contact our Technical Services department on 0800 834102.

Briton

Access and Escape

“Consideration should also be made to the following factors when selecting exit hardware.”

Security

Although these devices are designed to provide immediate escape in an emergency situation, we have not forgotten the need for security against unauthorised use by shoplifters or from the outside by burglars.

The Briton 379E-N mortice panic nightlatch offers additional security without affecting safety.

Alarmed units Briton 376E-A and Briton 379E-NA have a switch mechanism in the end box providing an alarm function. The switch mechanism can be connected to an audio/visual alarm system giving immediate warning of any unauthorised use of emergency exits. The door cannot be opened without the alarm being activated. The unit has an electrical rating of 24 Volts D.C. - 1.4 Amps maximum @ 70°C

The Briton 539 Add Alarm (illustrated right) provides the ability to add an alarm function to an existing vertical panic bolt installation.

Briton 539 add-alarm

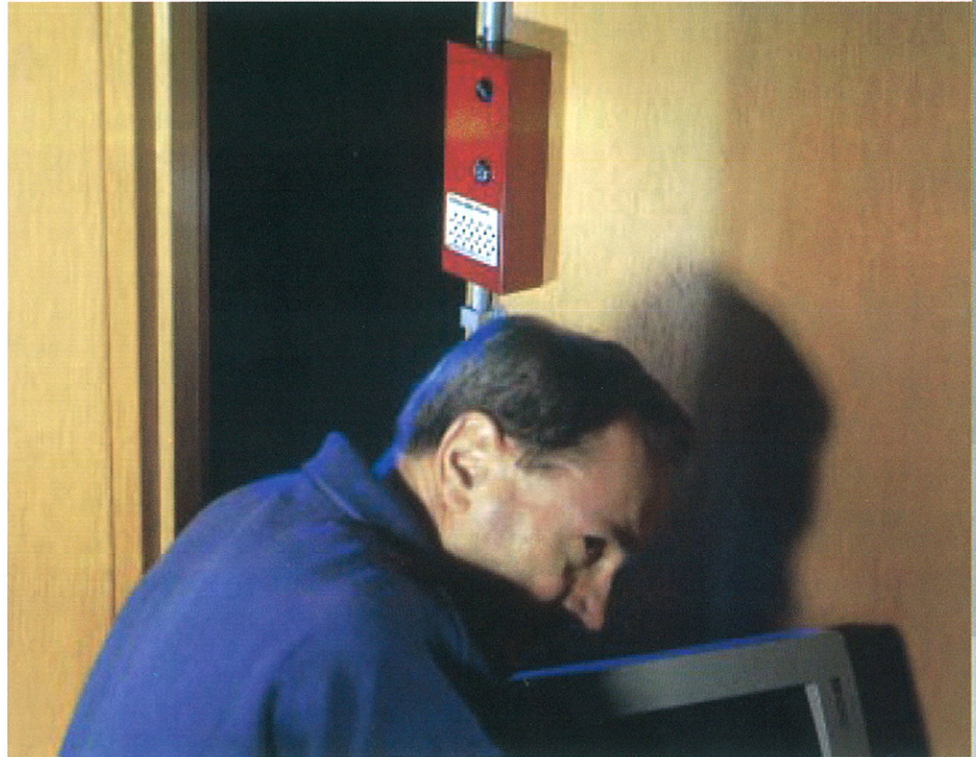
Vertical bolt add alarm is a self contained, battery operated local alarm.

When fitted to a vertical bolt an audible alarm (of up to 85dba at 1m) is sounded if the crossbar is depressed, or if there is an attempt to remove the alarm cover. Once the alarm is initiated only the keyholder can switch it off. The lock is a radial pin tumbler cylinder for additional security with 10,000 key combinations.

The unit is surface fixed with tamper proof fixing and readily adaptable for use on existing vertical panic bolts with a shoot bolt diameter of up to 19mm and a maximum back centre dimension of 14mm from the door face.

The battery is long life high power (PP3 9v) and a testing procedure is provided with an automatic low battery indication giving an audible warning every 30 seconds.

Add alarms are handed, please state hand when ordering. Supplied in red.



Smooth and quiet action

For doors that are subject to high levels of traffic, for example interconnecting doors in highly populated areas pullman latches on a vertical panic bolt provide a smooth and quiet alternative. Also available with metal threaded screws - 376EM-P.

Available on Briton 376E-P and 376E-PD.



Controlled Access

Using a Briton 1413E outside locking device will give access from the outside for keyholders when the door is locked. When unlocked the door can also be operated from the outside by using the lever/knob. See page 12 for further details.

To permit free access during designated periods, the option of manual dogging (hold open) can be selected, which allows the latch or the bolts to be held in the withdrawn position. Available on Briton 376E-D, 376E-PD, 378E-D & 379E-ND. Manual dogging is not permitted for fire door applications.

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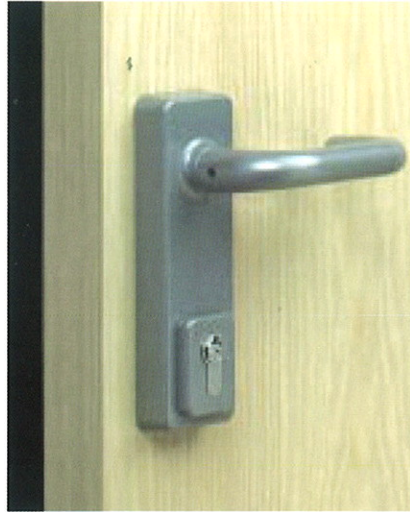
Panic Exit Device

Steel Door

Briton

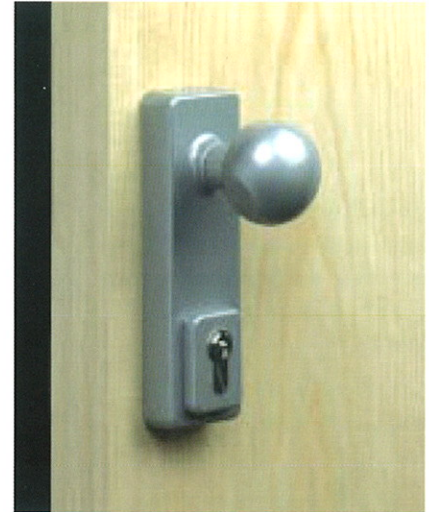
Outside Access Devices

- Designed to suite with all devices within the Briton 376E series of CEN compliant exit devices.
- Choice of interchangeable knob, or lever (available separately) allowing the most appropriate method of operation to be selected for the buildings users.
- Supplied with euro-profile cylinder as standard. Cylinders can be keyed-alike or master-keyed.
- Clearly illustrated instructions and template enabling accurate installation
- Suitable for doors between 40mm and 70mm thick
- Fixings supplied are suitable for timber & metal doorsets
- Tested to 200,000 cycles
- Powder coated for additional durability – choice of silver, gold or 17 Normbau finishes.
- Choice of plated finishes – satin stainless steel, polished stainless steel and polished brass.
- 5 year warranty.



Briton 1413E/LE - lever variant

- A combination of market trends and the effect of The Disability Discrimination Act (DDA) has resulted in an increase in market demand for lever operation.
- The lever is secured to the OAD by a special shear screw designed to fail if the lever is severely abused (e.g. attempted break in, or vandalism) ensuring the mechanism is protected from damage. The shear pin can then be simply replaced to restore normal operation.
- Lever supplied loose to allow easy on-site handing



Briton 1413E/KE – knob variant

- Ergonomic design providing improved grip in wet conditions.
- Non-handed



Legge rim cylinder - B6

- For use with Briton 378E and 1438E
- Available in polished brass and satin nickel finishes



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Briton Accessories



Extra long top shoot - 376ELTS

- Extra long top shoots are suitable for use on doors in areas that require the push bar to be in a lower position ie schools. It can also be used on doors up to 3350mm high, however doors over 2500mm are outside the scope of EN 1125 and EN 179.
- For use with Briton 376E, 376E-D, 376E-P, 376E-PD 376E-A, and 372E.
- Available in a wide range of finishes. (see page 11)



Flush face keeper plate - 376FFKP

- For use with 376E, 376E-D, 376E-A, and 372E
- For applications where there is a flush head frame a flush face keeper plate can be used to secure the bolt.



Double door strike - 378DDS

- For use on double rebated door applications with a rim panic latch on the first opening leaf and a vertical bolt on the second opening leaf.
- Available in a wide range of finishes. (see page 11)

Door co-ordinator

EN 1125 and EN 179 recommend that on a pair of self-closing double rebated fire doors a door co-ordinating device is fitted to ensure the door leaves close in the correct sequence.

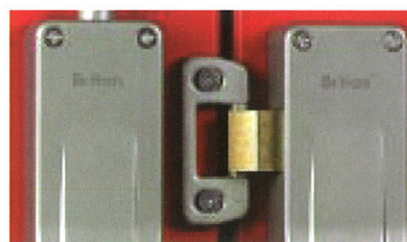
Available from the IR range of architectural hardware is the 3000 series door selector which has been included in a successful fire test to BS 476 part 22 1987. For use on 13mm-25mm rebates. Available in sprayed silver, polished brass and satin chrome plated.

Metal Door Applications

The following surface fixed strikes have been specifically designed for use on metal door sets to simplify installation.



- Briton 376MDS (illustrated above) for vertical panic bolts comprises of 2 strike plates and 1 trip plate to activate the top tripper



- Briton 378MDS metal door strike (illustrated above) for use with Briton 378E rim devices on single doors, or on the first opening leaf of a double rebated application.



- Briton 379MDS metal box strike (illustrated above) for use with Briton 379E-N mortice panic nightlatch.

All Briton exit devices are supplied with self-tapping screws as standard, which are suitable for both timber and metal doorsets.

For customers who prefer machine screws, alternative fixing packs are now available, see pages 8 and 9 for details.

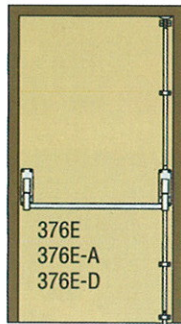
Briton

Application Guide

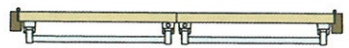
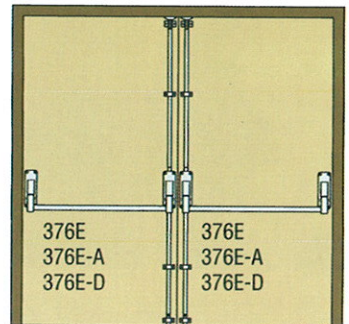
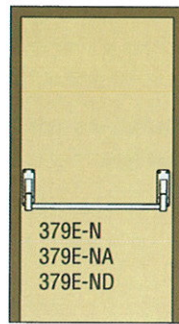
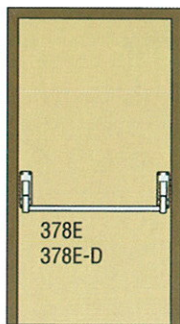
Briton 376E series Panic and Emergency exit hardware is suitable for application to single doors, and in combinations on non-rebated and rebated double doors.

Consideration should be given to the use of door co-ordinating devices for rebated pairs of doors. A door co-ordinating device must be used for fire/smoke applications.

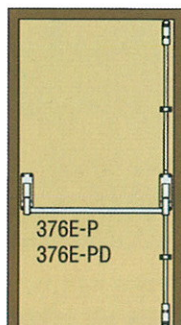
EN 1125



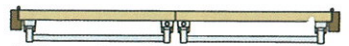
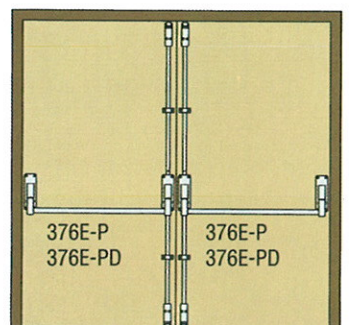
Vertical devices with top and bottom shoot bolts



Plain meeting stiles

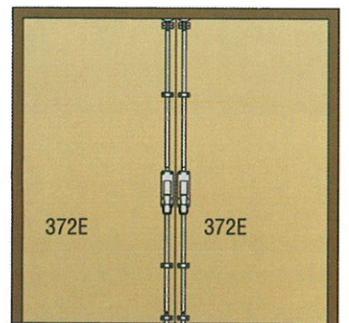
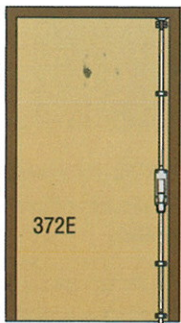


Vertical devices with top and bottom pullman latches



Plain meeting stiles

EN 179



Plain meeting stiles

Briton

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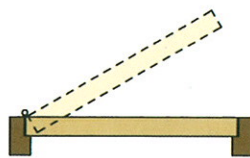
Door closer

Glass Door Fittings

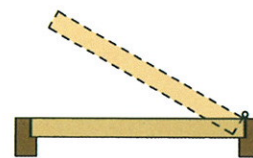
Door Hardware
Accessories

Exit Device

Panic Exit Device

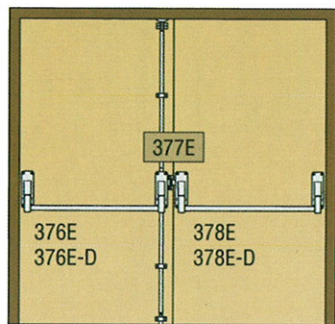


Clockwise closing
Left hand
ISO. 5.0



Anti-clockwise closing
Right hand
ISO. 6.0

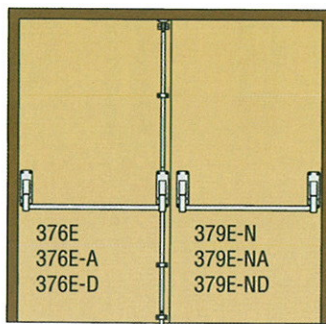
EN 1125



378DDS 1st opening leaf



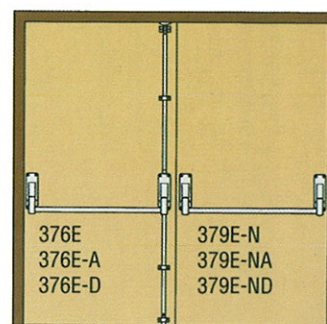
Rebated meeting stiles
Vertical devices with top and bottom shoot bolts



1st opening leaf



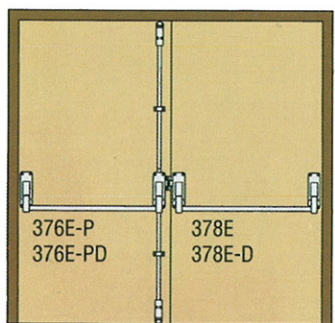
Plain meeting stiles



379DDRK* 1st opening leaf



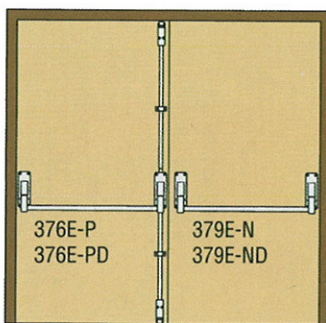
Rebated meeting stiles



378DDS 1st opening leaf



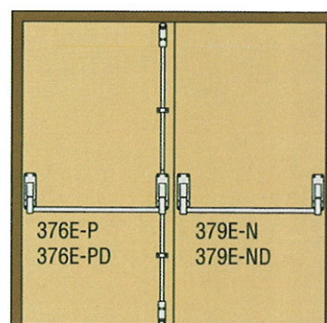
Rebated meeting stiles
Vertical devices with top and bottom pullman latches



1st opening leaf



Plain meeting stiles

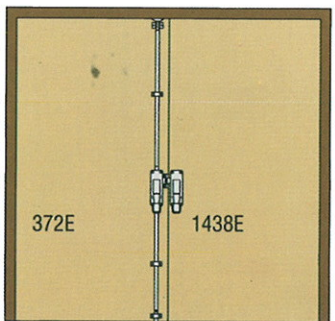


379DDRK* 1st opening leaf

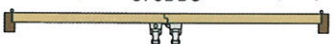


Rebated meeting stiles

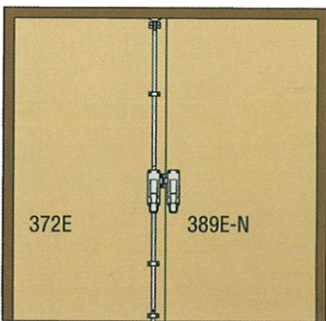
EN 179



378DDS 1st opening leaf



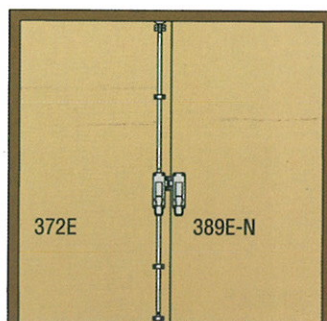
Rebated meeting stiles



1st opening leaf



Plain meeting stiles



379DDRK* 1st opening leaf

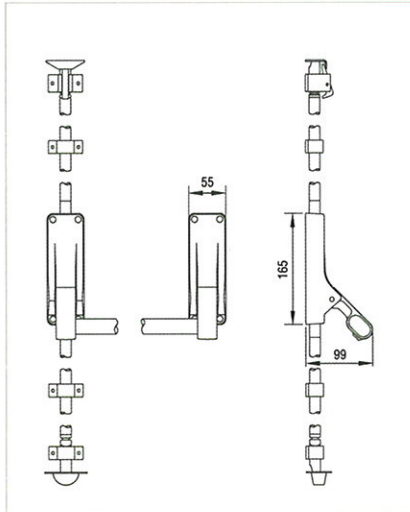


Rebated meeting stiles

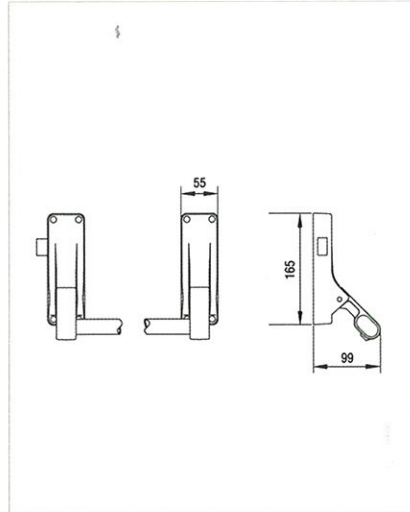
*Rebate kits are available to suit 13mm & 25mm rebates (379DDRK-13 & 379DDRK-25)

Briton

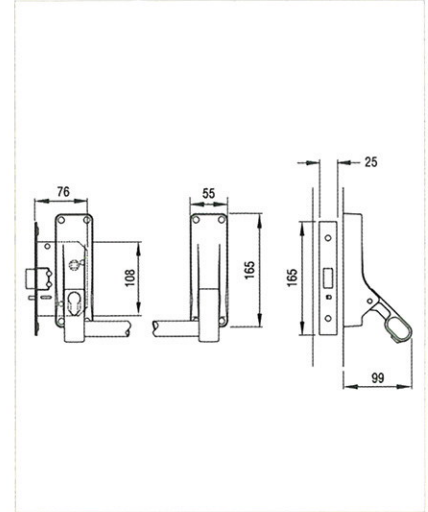
Dimensions



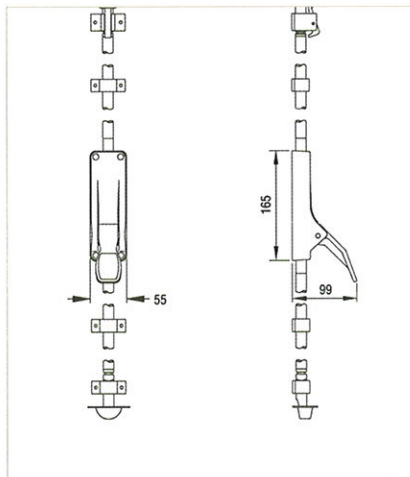
Briton
376E, 376E-D, 376E-P, 376E-PD, 376E-A



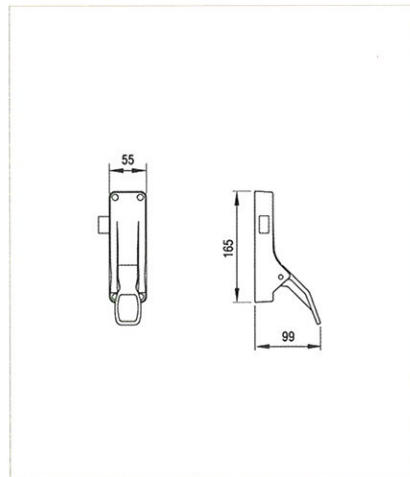
Briton
378E, 378E-D



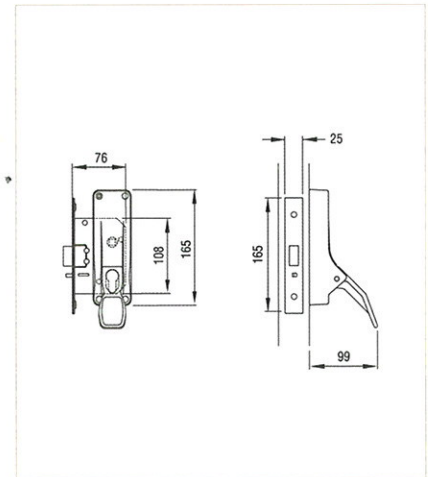
Briton
379E-N, 379E-NA, 379E-ND



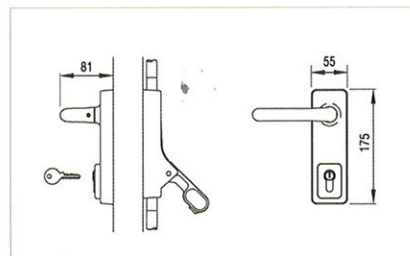
Briton
372E



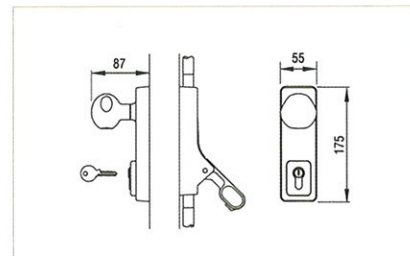
Briton
1438E



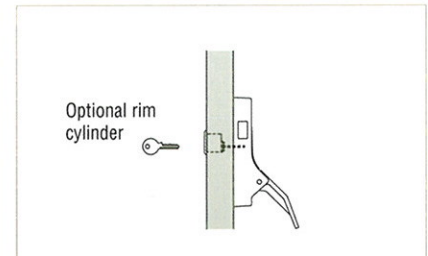
Briton
389E-N



Briton
1413E/LE



Briton
1413E/KE



Legge
B6

Door sizes

All products are suitable for use on doors up to 2500mm high x 1300mm wide. Minimum width of stiles 78mm for 13mm rebates and 90mm for 25mm rebates. For doors with less than 665mm clear opening width please seek advice from Technical Services. For Briton 379E-N, 379E-NA & 379E-ND minimum door thickness is 40mm and minimum width of stile is 88mm.

SKULTHAI

Our Exit Devices meet the demand for superior emergency hardware. These durable devices are designed to meet the need of modern Touch Bar Styling for heavy traffic applications by eliminating the need for lever arms and cross bars. All our exit devices are suitable for use at emergency exit in sky-high office buildings, shopping centres, supermarkets, theaters, hospitals, hotels, stations, airports, and all other commercial or public buildings.

Applications:

- Available for 1 1/4" to 2 1/4" thick doors, up to 4' wide.
- For use on single or double awinging hollow metal dooes.

Features:

- Reversible surface mounted tupe.
- Non-handed and field sizeable.
- High density rust-resistant alloy or steel with coating head cover.
- Slight prssure retracts latch bolt for immediate eit.
- latch bolts can be held retracted by licking touch bar during business hours.
- Auxiliary guarded latch deadlocks latch bolt when door is closed.

Lengths:

- Standard Device: 33" or 36"
- Long Device: 42" or 48"

Material and Finishes:

Body, Touch Bar, Head Cover & End Cap

- Aluminum painted steel, Duranodic painted steel.
- Brass plated steel (US3), Satin chrome steel (US26D).
- Brass stainless steel (US32), Satin stainless steel (US32D).

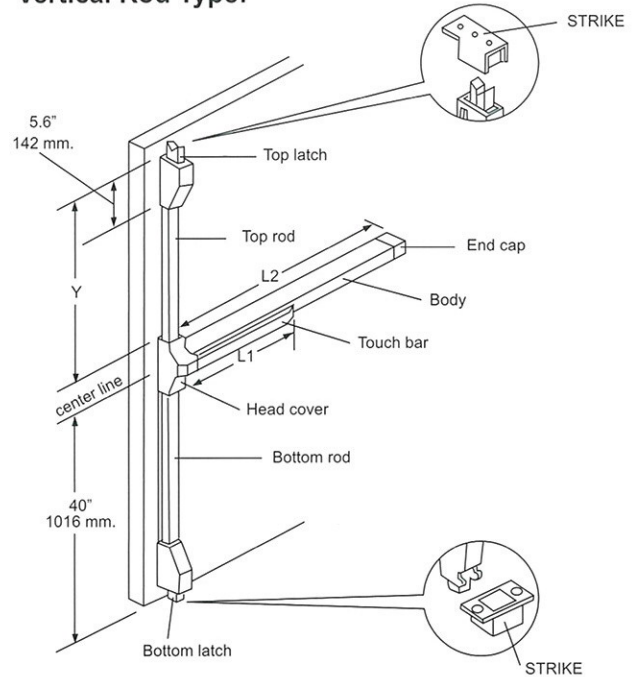
Lengths:

Latch Bolt

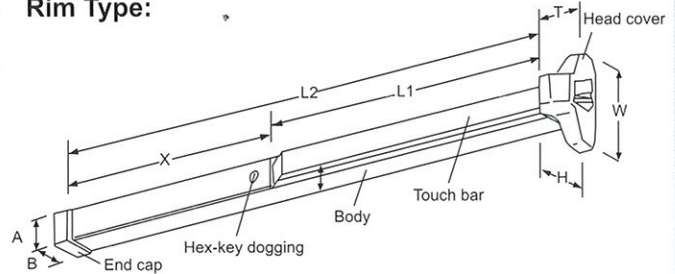
- Stainless steel.

DIMENSION

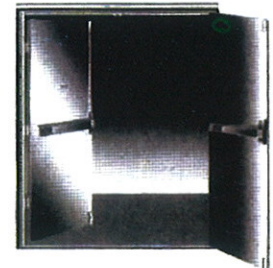
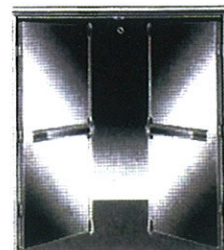
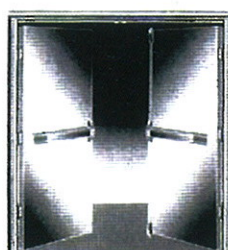
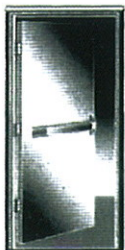
Vertical Rod Type:



Rim Type:



Single & Double Door Applications:



One Rim Device is the popular choice for use on single outwardly swinging door. In this application any device may be used.

Two Rim Device is with mullion - same direction

Rim Device (or Mortise Device) and Vertical Rod Device combination - same direction

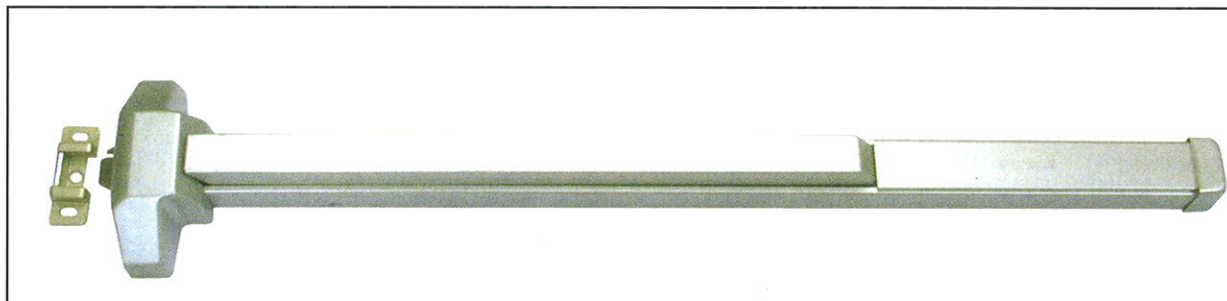
Two Vertical Rod Devices - same direction (do not use with overlapping astragal)

Two Vertical Rod Devices - double egress

SKULTHAI

Panic Exit Device

510S / 520S Series



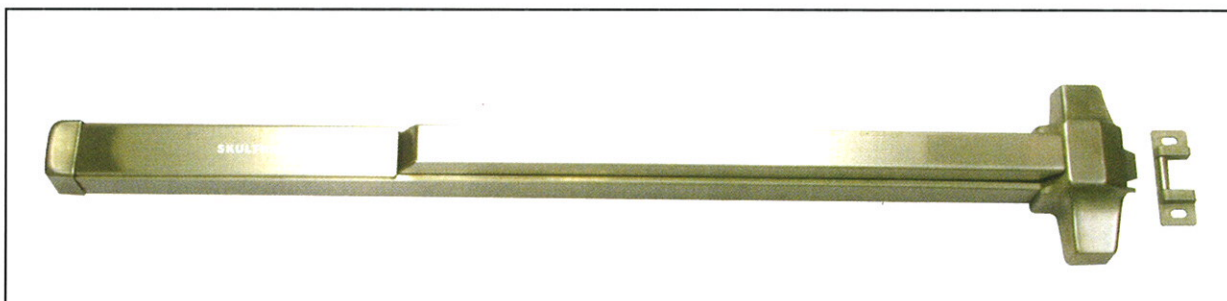
SPECIFICATIONS

- 3/4" throw latch bolt. Latch bolt deadlocking.
- Available with or without Hex-key dogging.
- For use on single or double outwardly swinging doors.

Head Cover	Model No. Without Dogging	Materials	Finishes
A Type	510S 510S	Steel Stainless Steel	Aluminium US32D

3 Hours Fire Rated Exit Device

512F / 522F Series



SPECIFICATIONS

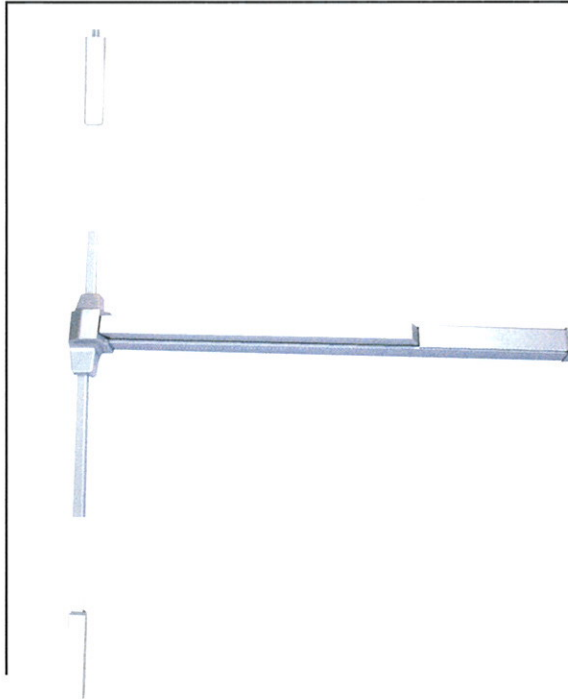
- 3/4" throw latch bolt. Latch bolt deadlocking.
- Not available with Hex-key dogging.
- For use on single swinging type fire doors, or combine to use with vertical rod device on pair of doors.

Head Cover	Model No. Without Dogging	Materials	Finishes
F Type	512 F 522 F	Steel Stainless Steel	Aluminium US32D

SKULTHAI

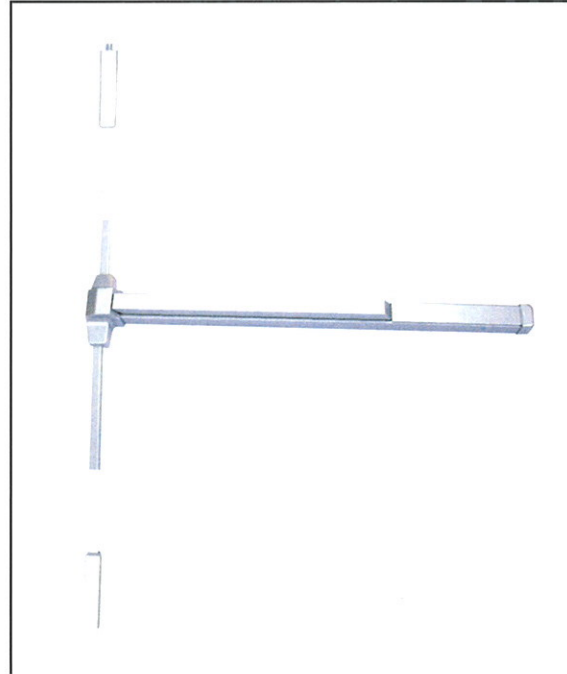
Panic Exit Device

910S/ 920S Series



1 1/2 Hours Fire Rated Exit Device

912F/ 922F Series



SPECIFICATIONS

- Adjustable top rod. Latch bolt deadlocking.
- Available with or without hex-key dogging.
- For use on single or double outwardly swinging doors.

SPECIFICATIONS

- Adjustable top rod. Latch bolt deadlocking.
- Not available with hex-key dogging.
- For use on double egress or a pair of doors of same outward direction

Head Cover	Model No.	Materials	Finishes
A Type	910 S (Without Dogging) 920 S (Without Dogging)	Steel Stainlessl Steel	Aluminium US32D
F Type	912 F 922 F	Steel Stainlessl Steel	Aluminium US32D

SKULTHAI

STRIKES OF EXIT DEVICE

For Rim Type
Exit Device
-included parts

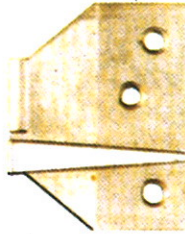


No. 2400P3200
Fire Rated Rim Strike



No. 2400P2200
Panic Rim Strike

For Rim&Vertical Rod Com-
bination Exit Device
-to order separately

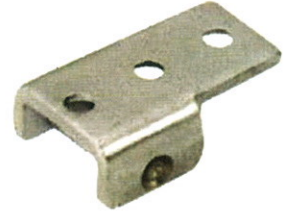


No. 710000200
Double Door Strike

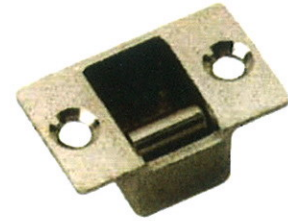


No. 720000135
Fix Up Strike

For Vertical Rod Type
Exit Device
-included parts



No.450000135
Top Strike

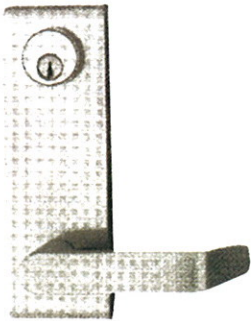


No. 600000424
Bottom Strike

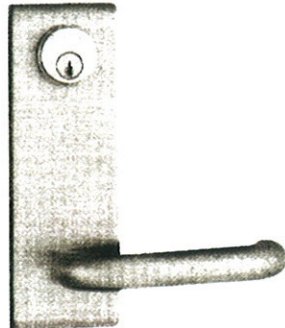
SKULTHAI ENTRY LEVER

Entry Lever Handles with escutcheon design for use with our exit devices. All our heavy-duty Entry Lever Handles are reversible; just a simple is required to change the hand of a lever handle to match the of a door. Easy operating lever handle allows convenient one-hand operation. They are designed in two styles: One is with a rim cylinder available for the front side of a doorway, the other is without a rim cylinder available in the rear side of a passage door.

A. ESCUTCHEON WITH CYLINDER

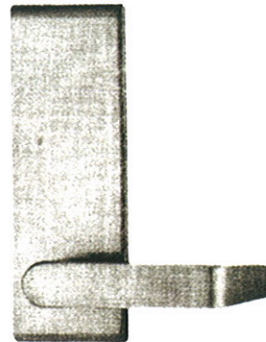


L Type
Model # L01 A

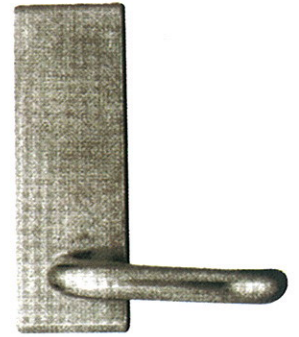


H Type
Model# L02A

B. ESCUTCHEON WITHOUT CYLINDER



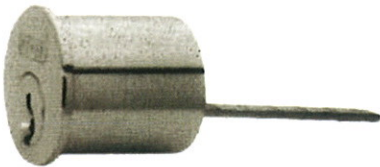
L Type
Model # L01 B



H Type
Model # L02 B

*if no cylinder operation is required, select these "blank escutcheons".

DEVICE OUTSIDE TRIMS



Rim Cylinder

For use with rim or vertical rod exit device
No. 700001424
Keying: Solid Brass 6 Pins with 3 keys.



Mortise Cylinder

For use with mortise exit device
No. 140100429
Keying: Solid Brass 6 Pins with 3 keys.



Key-in-Knob
No. TE-0604



Key-in-Lever
No. TE-0605

Material :

Escutcheon:

Steel with coating or Satin
Stainless Steel

Lever/Knob:

C and H Type: Stainless Steel Tube
Ball and L Type: Extruded Aluminum

Dimnsion :

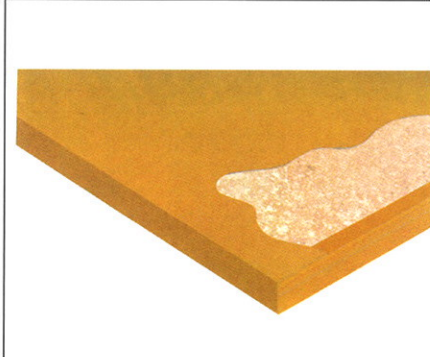
Escutcheon: 2-21/32" x 8-1/16" x 7/8"
(67 mm x 205 mm x 22 mm)

*All above trims: To order separately.

CECO

Fire Rated Steel Door

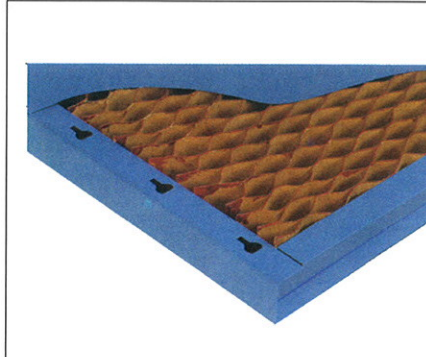
Fuego Series



SPECIFICATIONS

- 1-3/4" (44.4mm) full flush temperature rise fire door rated for light to extra-heavy duty use
- Fuego satisfies local building code requirements for temperature rise rated fire doors to 250 c (121 c) maximum
- Solid mineral fibre core
- Inverted end channels welded to both face sheets
- 7 gage (4.2 mm) steel hinge reinforcement

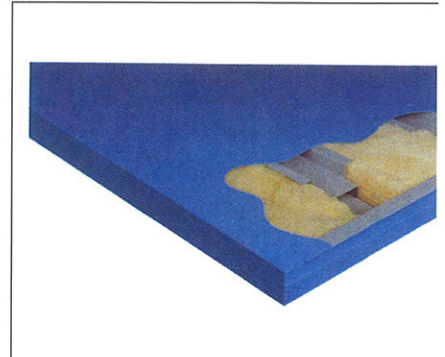
Regent/Omega Series



SPECIFICATIONS

- 1-3/4" (44.4mm) general purpose full flush design, rated for light to extra-heavy duty use
- Kraft Honeycomb core provides structural strength and exceptional flatness
- Full-coat internal contact adhesive for permanent pressure bond and rust prevention
- Mechanically interlocked, hemmed vertical edge seams for added strength and rigidity
- Inverted end channels welded to both face sheets
- 7 gage (4.2 mm) steel hinge reinforcement
- Electrostatically applied prime base coat

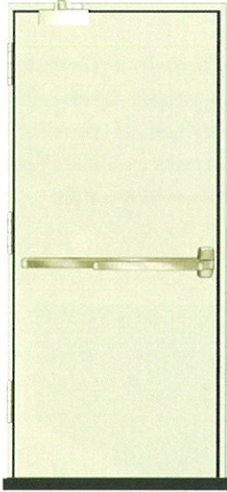
Medallion Series



SPECIFICATIONS

- 1-3/4" (44.4mm) custom construction seamless design-rated for heavy duty to maximum-duty use
- Designed for high frequency, severe traffic opening
- 22 gage vertical steel stiffeners spaced 6" apart, welded to face sheets every 5"
- Fully welded edge seams enhance strength and appearance
- Fiberglass insulation to limit thermal and sound transmission
- Lock and hinge edge beveled 1/8" in 2" (1:16)
- Inverted end channels welded to both face sheets
- 7 gage (4.2 mm) steel hinge reinforcement
- Neutral prime base coat

SCL Steel Door



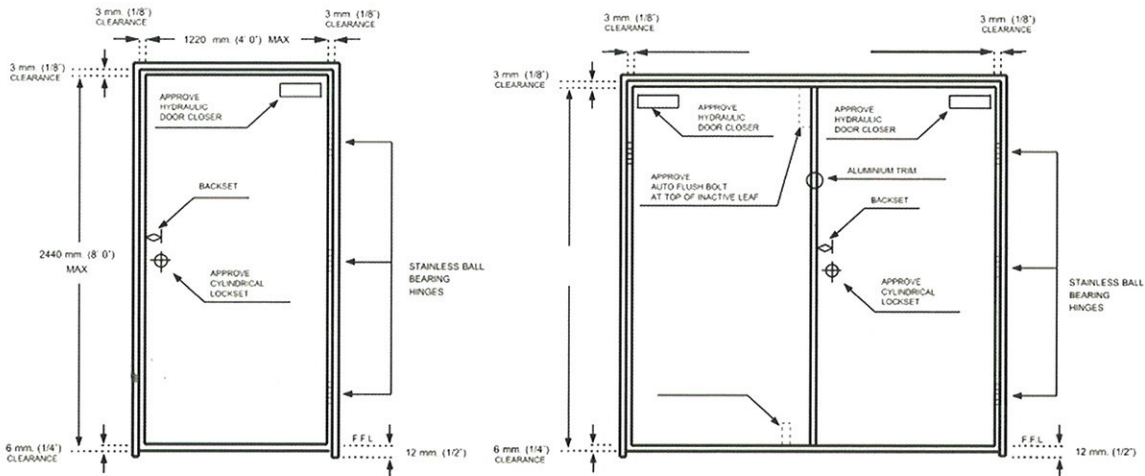
ประตูเหล็ก SCL มีเหล็กให้เลือกหลายประเภท ทั้งเหล็กรีดร้อน รีดเย็น และ เหล็ก Hotdip Galvanize, Electro Galvanize เพื่อรองรับการใช้งานแบบธรรมดาถึงระดับ Extra Heavy Duty นำมาพันขึ้นรูปและประกอบด้วยเครื่องจักรอันทันสมัย ขนาดของบานมีความหนา 3.5 4.0 และ 4.5 มม. ขึ้นอยู่กับความสวยงามและลักษณะการใช้งานของลูกค้าเป็นสำคัญ เสริมความแข็งแรงของโครงสร้างภายในด้วยเหล็กขนาด 1.6 มม. ด้านบนและด้านล่างของบานประตูปิดด้วยแผ่นเหล็ก ความหนาเดียวกับบานประตู ฐานรองรับบานเป็นเหล็กปั๊มขึ้นรูป ความหนาไม่ต่ำกว่า 3 มม. และเจาะรูตีปเกลียว สำหรับยึดสลักของบานพับ ตำแหน่งติดตั้งอุปกรณ์เสริมแผ่นเหล็ก (Reinforcement) รองรับอุปกรณ์ทุกตำแหน่งบานประตู และวงกบทำสีรองพื้นมาตรฐาน (สีเทา) จากโรงงาน ซึ่งมีทั้งแบบ Primer และ Powder Coat จึงทำให้มีความสวยงาม เหมาะที่จะนำไปใช้ เป็นประตูสำหรับ ทางหนีไฟ ห้องทั่วไป ห้องประชุม ห้องเครื่อง ห้องเก็บของ ห้องนอน ห้องนำของ อาคาร สำนักงาน โรงเรียน โรงพยาบาล โรงแรม อพาร์ทเมนท์ โรงงาน ฯลฯ

STEEL SHEET	THICKNESS
Hot Roll	1.2 1.6 2.0
Cold Roll	1.2 1.6 2.0
Hot Dip Galvanize	1.2 1.6 2.0
Electro Galvanize	0.8 1.2 1.6 2.0 2.5

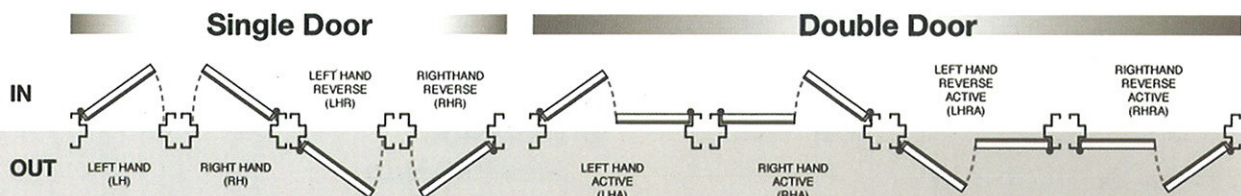
General Specification

DESCRIPTION	FIRE RESISTANT DOORSET (FD)	GENERAL PURPOSE DOORSET (SD)	SECURITY DOORSET (CD)
DOOR PANEL	Steel Sheet 1.2, 1.6 mm.	Steel Sheet 1.2 mm.	Steel Sheet 1.6, 2.0 mm.
DOOR FRAME	Steel Sheet 1.6, 2.0 mm.	Steel Sheet 1.6 mm.	Steel Sheet 1.6, 2.0 mm.
STIFFENERS	Steel Sheet 1.6, 2.0 mm.	Steel Sheet 1.6 mm.	Steel 1.6 mm.
INNER SKIN	NON	NON	Steel 1.2 mm.
DOOR INFILL	Rockwool	Rockwool, Polyurethane	Rockwool
DOOR FRAME PROFILE	Single & Double Profile	Single & Double Profile	Single & Double Profile
HINGES	Ball Bearing	Ball Bearing	Ball Bearing & Dog Bolt Fixed Pin
HARDWARE REINFORCEMENT	Steel 3.2 mm.	Steel 3.2 mm.	Steel 3.2 mm.

Clearance



Door Handings



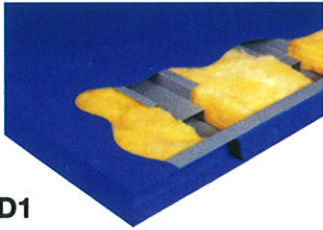
SCL Steel Door

■ บานประตู - Panel

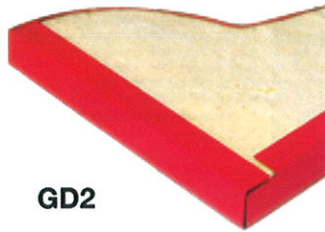
GD1 ภายในประตูบรรจุด้วยฉนวน ROCK WOOL ซึ่งมีคุณสมบัติเป็นฉนวนกันความร้อนไม่ติดไฟ ยับยั้งการลุกลามของไฟ ทนไฟและไม่เกิดควัน จึงทำให้ GD-1 SERIES DOOR ของประตูเหล็ก SCL เป็นประตูเหล็กที่แข็งแรงทนทาน สวยงาม และมีคุณสมบัติทนไฟ เหมาะที่จะไปใช้กับประตูที่ต้องการควบคุมความร้อน เช่น ทางหนีไฟ เป็นต้น

GD2 ภายในบานประตูบรรจุด้วย POLYURETHANE FOAM ที่สามารยยึดติดได้ดีกับแผ่นเหล็ก มีความหนาแน่นตามค่ามาตรฐาน 2 PCM จึงป้องกันการยุบตัวของบานประตูและไม่ต้องเสริมโครงสร้างเหล็กภายในบาน ทำให้ผิวหน้าของบานทั้งสองด้านเรียบสวยงาม มีน้ำหนักเบา กันเสียง และทนต่อสภาพดินฟ้าอากาศได้ดี

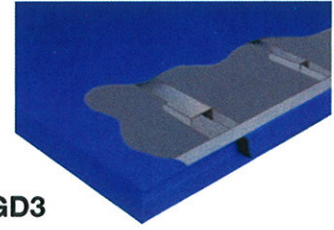
GD3 ภายในบานประตูไม่บรรจุด้วยสารใดๆ มีเฉพาะโครงสร้างของบานประตู ประตูมีความทนแข็งแรง แต่ไม่สามารถทนไฟหรือกันเสียงได้ เหมาะสำหรับห้องที่ไม่ต้องการให้ทนความร้อน ทนไฟหรือกันเสียง เช่น ห้องเก็บขยะ หรือห้องสำนักงานทั่วไป



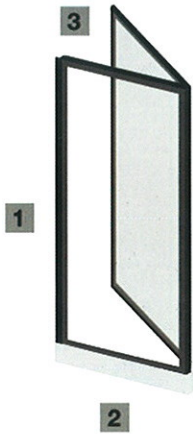
GD1



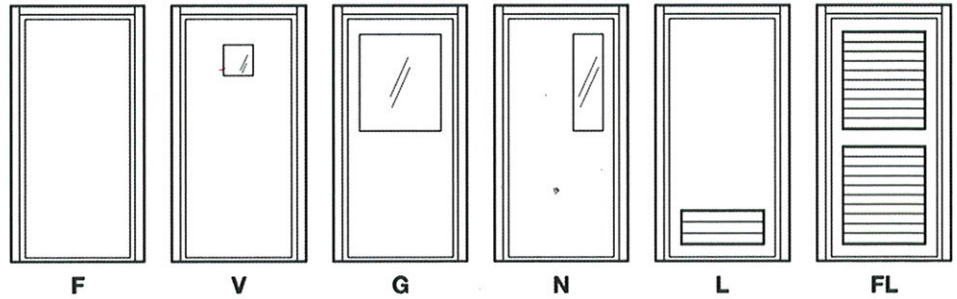
GD2



GD3



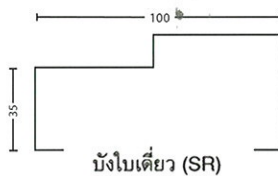
■ Door Design



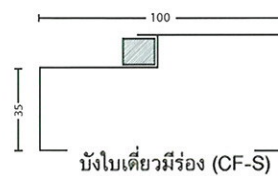
1 วงกบเหล็ก - Frame

ผลิตจากแผ่นเหล็กแบบเดียวกับบานประตู พับขึ้นรูปนำมาประกอบเป็นวงกบ มีฐานรองรับบานพับและเสริมแผ่นเหล็ก (Reinforcement) ที่ตำแหน่งติดตั้งอุปกรณ์เช่นเดียวกับการผลิตบานประตูเหล็ก สามารถเลือกเป็นระบบ KNOCK DOWN ที่สะดวกในการขนย้าย ประหยัดเนื้อที่ ดูแลรักษาง่าย ไม่ยุ่งยากในการประกอบ หรือระบบที่ประกอบเป็นวงสำเร็จรูปพร้อมติดตั้งจากโรงงาน โดยมีแบบมาตรฐาน 4 แบบ

■ บังใบเดี่ยว 50 x 100 มม. (2x4 นิ้ว)

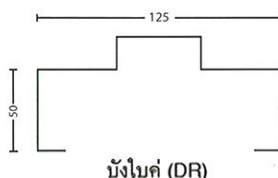


บังใบเดี่ยว (SR)

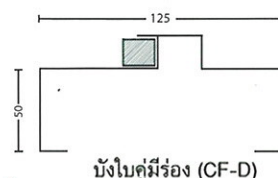


บังใบเดี่ยวมีร่อง (CF-S)

■ บังใบคู่ 50 x 125 มม. (2x5 นิ้ว)



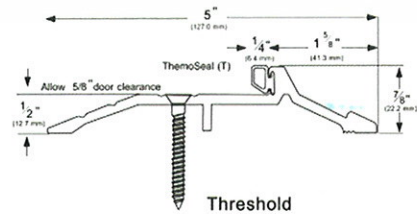
บังใบคู่ (DR)



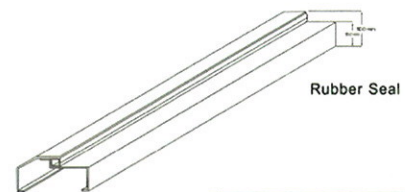
บังใบคู่มี่ร่อง (CF-D)

2 ธรณีประตู - Threshold

มีให้เลือกทั้งแบบเหล็ก สแตนเลส (SCL) และ อลูมิเนียม (Pemko)



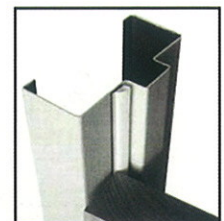
Threshold



Rubber Seal

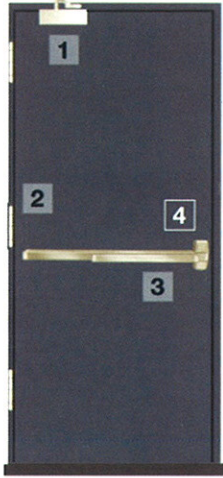
3 ยางกันควัน Weather Strip

มีให้เลือกทั้งของ Neoprene (SCL) และ Pemko

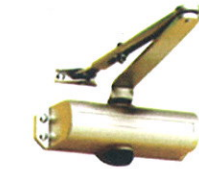


SCL Steel Door

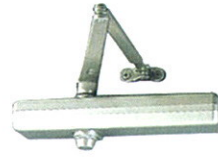
อุปกรณ์ที่ใช้กับประตูเหล็ก SCL



1 ใช้ค้อพ - Door Closer



Briton Surface Mounted
No. 121



LCN Surface Mounted
No. 1461

3 านปลั๊กประตู - Panic Exit Device



Vertical Rod Type
No. 912F Aluminium



Rim Type
No. 512F Aluminium



Rim Type
No. 520S US32D



Rim Type
No. 522F US32D

2 านพับ Ball Bearing Hinges



SCL Stainless Steel Hinge

4 ลูกบิดและมือจับ Knob and Lever



Key-in (Lever)
No. Te-0605



Key-in (Knob)
No. Te-0604

Certificate

ประตูเหล็ก SCL ได้รับความไว้วางใจจากองค์กร และหน่วยงานต่าง ๆ



ศูนย์ราชการกรุงเทพมหานคร

อาคารเซ็นทรัลเวิลด์

มหาวิทยาลัยมหิดล วิทยาเขตศาลายา

สนามบินสุวรรณภูมิ

มหาวิทยาลัยรังสิต

คอนโดมิเนียม สारินเพลส

โรงแรมจอมเทียนบีชรีสอร์ท

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