idc

PANIC & EXIT HARDWARE

Uncompromising safety

CEN Standards

European CEN Standards 1997. There are two standards.

BS EN 1125 - Where panic situations can be foreseen and occupants of the building have no prior knowledge of the device.

Products successfully type tested BS EN 1125 offer a safe and effective means of escape through a doorway with minimum effort without prior knowledge of the device where panic situations can be foreseen, which therefore require a horizontal cross bar or touch bar which covers 60% of the door width.
Examples would include public buildings, places of entertainment, shops and public areas where panic situations may occur.

BS EN 1125 has replaced BS 5725 which has now been withdrawn.

BS EN 179 - Where panic situations are not foreseen, and occupants of the building have prior knowledge the device.

Products successfully type tested BS EN 179 give a safe and effective escape through a doorway with one single operation to release the device although this can require prior knowledge of its operation, ie for locked doors on escape routes where panic situations are not foreseen, which therefore allows the use of push pad or lever handles. For example offices that are not open to the public.

Outside Access Devices

Outside access devices are not covered by BS EN 1125 or BS EN 179 as the prime concern of the standards is one of safety and safe exit. Such devices offered by IDC are fully compatible with products covered by BS EN 1125 / BS EN 179 and when fitted do not interfere with the prime function of safe exit at all times.

EN Coding System

Digit	1	2	3	4	5	6	7	8	9
Example:	3	7	6	1	1	3	2	2	A

Digit 1 – **Category of use**
Only one category is identified, that being – grade 3: high frequency of use by public and others with little incentive to exercise care.

Digit 2 – **Number of test cycles**
Two categories of durability are defined:
– grade 6: 100 000 cycles.
– grade 7: 200 000 cycles.

Digit 3 – **Test door mass**
Two categories of test door mass are identified:
– grade 5: up to 100 kg.
– grade 6: up to 200 kg.

Digit 4 – **Fire resistance**
Two categories of fire door resistance are identified:
– grade 0: not approved for use on fire/smoke door assemblies.
– grade 1: suitable for use on fire/smoke door assemblies, subject to satisfactory assessment of the contribution of the panic/emergency device to the fire resistance of specified fire/smoke door assemblies.

Digit 5 – **Safety**
All panic and emergency devices have a critical safety function therefore only the top grade – 1 – is identified

Digit 6 – **Corrosion resistance**
Two grades of corrosion resistance are identified according to BS EN 1670:
– grade 3: High resistance.
– grade 4: Very high resistance.

Digit 7 – **Security**
Products covered by BS EN 179 have 3 identified categories and have the opportunity of greater security than devices covered by BS EN 1125. This is because BS EN 179 devices are subject to testing with doors under greater pressure.
BS EN 179
– grade 2: 1 000 N.
– grade 3: 2 000 N.
– grade 4: 3 000 N.

BS EN 1125
Only one category of security is identified
– grade 2: panic devices are primarily for the operation of a door from the inside. Safety considerations will always be given priority over security.

Digit 8 – **Projection of device**
Two grades are identified relating to the projection of the device from the door face:
– grade 1: projection up to 150mm (standard projection).
– grade 2: projection up to 100mm (low projection).

Digit 9 – **Type of device**
Two categories are identified for each standard:
BS EN 179
– type A: emergency device with lever handle operation.
– type B: emergency device with push pad operation.

BS EN 1125
– type A: panic device with push bar operation.
– type B: panic device with touch bar operation.

Panic Exit Devices

Successfully type tested BS EN 1125
Certificates are available on request

700 Series

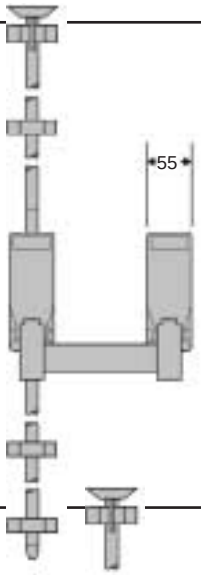
Product code

0	2	1	0	0	7	3	7	0	1

IDC 737
BS EN 1125

3	7	6	1	1	3	2	2	A

CE
Tested by notified body and Fire rated



- Suitable for LH/RH single doors
- Durable powder coated silverite finish to match standard finish on Ryobi door closers
- Automatic top catch/easy clean socket
- Main body fitted with anti thrust device to secure top/bottom rods against leverage
- Instructions/templates/screw pack supplied for timber fixing surface mounted
- Coloured and plated finishes available

700 Series

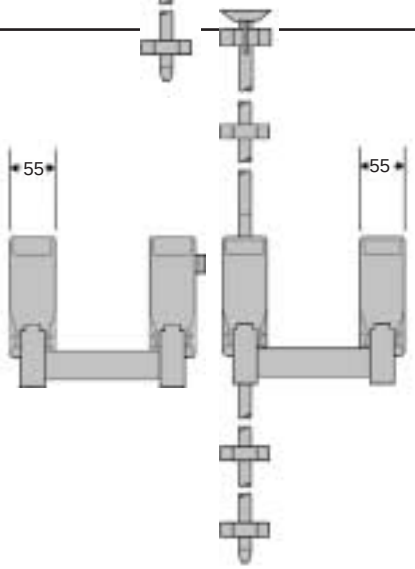
Product code

0	2	1	0	0	7	4	6	0	1

IDC 746
BS EN 1125

3	7	6	1	1	3	2	2	A

CE
Tested by notified body and Fire rated



- Suitable for pairs of rebated doors
- Durable powder coated silverite finish to match standard finish on Ryobi door closers
- Package incorporates Single Panic Bolt, Panic Latch and Box Keep
- Automatic top catch/easy clean socket
- Main body Single Panic Bolt fitted with anti thrust device to secure top/bottom rods against leverage
- Instructions/templates/screw pack supplied for timber fixing surface mounted
- Coloured and plated finishes available

700 Series

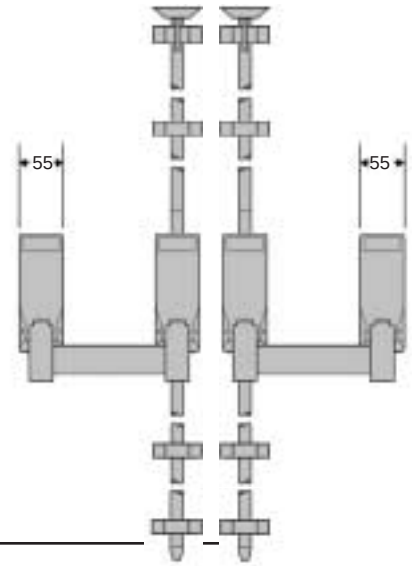
Product code

0	2	1	0	0	7	4	4	0	1

IDC 744
BS EN 1125

3	7	6	1	1	3	2	2	A

CE
Tested by notified body and Fire rated



- Suitable for pairs of non rebated doors
- Durable powder coated silverite finish to match standard finish on Ryobi door closers
- Package incorporates two Single Panic Bolts
- Automatic top catch/easy clean socket
- Main body Single Panic Bolt fitted with anti thrust device to secure top/bottom rods against leverage
- Instructions/templates/screw pack supplied for timber fixing surface mounted
- Coloured and plated finishes available

700 Series

Product code

0	2	1	0	0	7	5	7	0	1

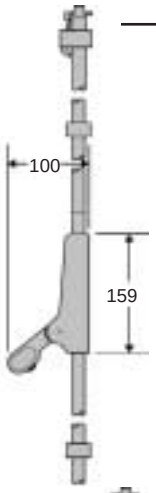
IDC 757
BS EN 1125

3	7	6	1	1	3	2	2	A

CE
Tested by notified body and Fire rated

- Suitable for LH/RH single doors
- Durable powder coated silverite finish to match standard finish on Ryobi door closers
- Instructions/templates/screw pack supplied for timber fixing surface mounted
- Coloured and plated finishes available

Experience relating to escape from buildings and general safety have made it desirable that doors at exits in public buildings, places of entertainment, shops etc should be fitted with panic devices operated by a horizontal bar. The emphasis being safe exit rather than security.



IDC 737 Panic Bolt for Single Doors (Timber) **IDC 7375D** (Steel)
Suitable for single doors not exceeding 1220mm wide and 2440mm in height.

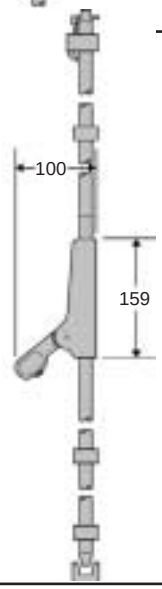
Specify:
For final exit doors, where access, if required via an Outside Access Device, is projected as infrequent.

Specify: IDC 736 with Adjustable Shoots (Timber) IDC 7365D (Steel)
When factory fitted and on site adjustment is required.

Specify: IDC 735 with Standard Pullman Catches
For busy entrance and exit doors where access, if required via an Outside Access Device, is projected as frequent.

Specify: IDC 734 with Horizontal Pullman Catches
Where floor and frame detail prevents the location of top and bottom standard Pullman Catches.

Refer to page 9/10 to select an Outside Access Device.

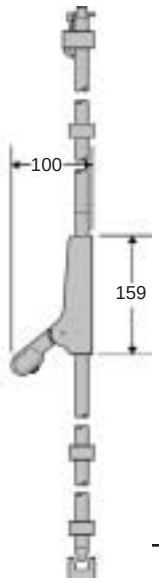


IDC 746 Double Panic Bolt Rebated Doors (Timber) **IDC 7465D** (Steel)
Suitable for single door sizes not exceeding 1220mm wide and 2440mm in height.

Specify:
For pairs of rebated final exit doors where access, if required via an Outside Access Device, is projected as infrequent.

Specify: IDC 745 with Standard Pullman Catches
For busy entrance and exit doors where access, if required via an Outside Access Device, is projected as frequent.

Refer to page 9/10 to select an Outside Access Device.

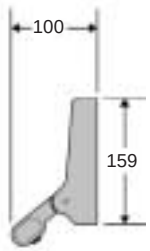


IDC 744 Double Panic Bolt Non Rebated Doors (Timber) **IDC 7445D** (Steel)
Suitable for single door sizes not exceeding 1220mm wide and 2440mm in height.

Specify:
For pairs of non rebated final exit doors where access, if required via an Outside Access Device, is projected as infrequent.

Specify: IDC 743 with Standard Pullman Catches
For busy entrance and exit doors where access, if required via an Outside Access Device, is projected as frequent.

Refer to page 9/10 to select an Outside Access Device.



IDC 757 Panic Latch for Single Doors (Timber) **IDC 7575D** (Steel)
Suitable for single doors not exceeding 1220mm wide.

Specify:
For final exit doors where floor and frame detail prevent two point locking, or where it is not acceptable for vertical rods to be seen.

Specify: IDC 787 Panic Mortice Latch Actuator with Mortice Latch
Where the specification calls for a mortice latch with anti thrust bolt and hold back facility.

Refer to page 7 for Mortice Latch specification.

Panic Exit Devices

Successfully type tested BS EN 1125
Certificates are available on request

700 Series

Product code – with latch

0	2	1	0	0	7	8	7	0	1

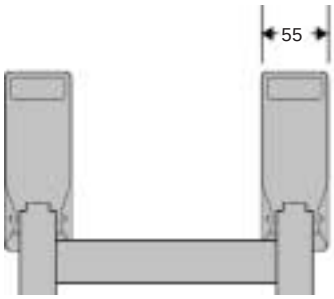
IDC 787
BS EN 1125

3	7	6	0	1	3	2	2	A

CE Tested by notified body and Fire rated

Product code – without latch

0	2	1	1	0	7	8	7	0	1



- Suitable for LH/RH single doors/supplied with Mortice Latch ref. IDC 785
- Durable powder coated silverite finish to match standard finish on Ryobi door closers
- Mortice latch bolt features anti thrust device and snib to hold latch bolt back. SC forend
- Instructions/templates/screw pack supplied for timber fixing surface mounted
- Coloured and plated finishes available

600 Series

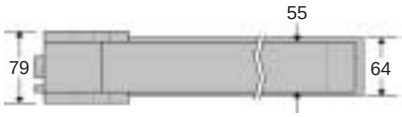
Product code

0	2	1	0	0	6	0	0	0	1

IDC 600
BS EN 1125

3	7	6	1	1	3	2	2	B

CE Tested by notified body and Fire rated



- Suitable for LH/RH single doors
- Durable powder coated silverite finish to match standard finish on Ryobi door closers
- Pullman catch incorporating anti thrust latch bolt
- Built in dogging device
- Touch bar design includes cut outs to facilitate grip to pull door closed after use
- Instructions/templates/screw pack supplied for timber fixing surface mounted
- Coloured and plated finishes available

600 Series

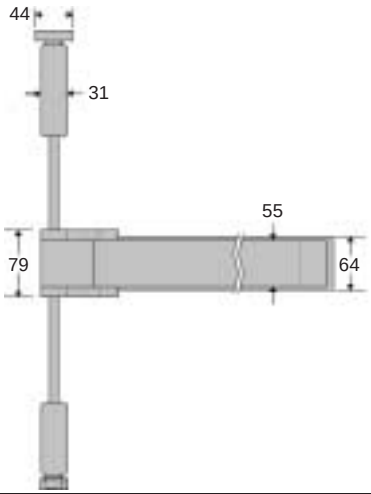
Product code

0	2	1	0	0	6	0	2	0	1

IDC 602
BS EN 1125

3	7	6	1	1	3	2	2	B

CE Tested by notified body and Fire rated



- Suitable for LH/RH single doors
- Durable powder coated silverite finish to match standard finish on Ryobi door closers
- Pullman catches top and bottom providing two point locking
- Built in dogging device
- Touch bar design includes cut outs to facilitate grip to pull door closed after use
- Instructions/templates/screw pack supplied for timber fixing surface mounted
- Coloured and plated finishes available

600 Series

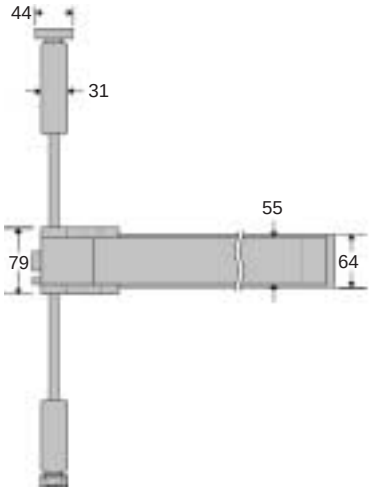
Product code

0	2	1	0	0	6	0	4	0	1

IDC 604
BS EN 1125

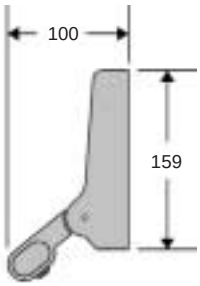
3	7	6	1	1	3	2	2	B

CE Tested by notified body and Fire rated



- Suitable for LH/RH single doors
- Durable powder coated silverite finish to match standard finish on Ryobi door closers
- Standard Pullman catches top and bottom plus anti thrust latch providing three point locking
- Built in dogging device
- Touch bar design includes cut outs to facilitate grip to pull door closed after use
- Instructions/templates/screw pack supplied for timber fixing surface mounted
- Coloured and plated finishes available

Experience relating to escape from buildings and general safety have made it desirable that doors at exits in public buildings, places of entertainment, shops etc should be fitted with panic devices operated by a horizontal bar. The emphasis being safe exit rather than security.



IDC 787 Panic Latch Actuator complete with Mortice Latch (Timber) **IDC 7875D** (Steel)
Suitable for single door sizes not exceeding 1220mm wide and 2440mm in height.

Specify:
For final exit doors, where a concealed latch with the additional security of an anti thrust device is required, and the hold back facility, allowing free access until reset, is acceptable.

Specify:
Optional Euro profile cylinder, stating door thickness, finish and key control, when access by key is required. Cylinders can be supplied to differ, to pass, or under Master Key.

Refer to page 7 for Mortice Latch specification.

Specify:
IDC 787 Panic Latch Actuator without Mortice Latch.

Refer to IDC for suitable Mortice Latches.

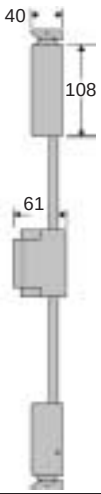
IDC 600 Touch Bar Deadlocking Latch
Suitable for single door sizes not exceeding 900mm wide and 2440mm in height. For single doors not exceeding 1200mm wide specify IDC 601.

Specify:
For busy entrance and exit doors where access, if required via an Outside Access Device, is projected as frequent. Where floor and frame detail prevent two point locking or where it is not acceptable for vertical rods to be visible.

Specify:
Where the specification calls for the additional security of an anti thrust latch bolt.

Specify:
Where the dogging device facility, activated by allen key, retaining the latch bolt in the withdrawn position allowing free access until reset, is viewed as advantageous.

Refer to page 9/10 to select an Outside Access Device.



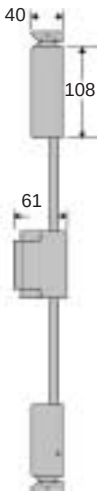
IDC 602 Touch Bar 2 Point Locking Pullman Catches
Suitable for single doors not exceeding 900mm wide and 2440mm in height. For single doors not exceeding 1200mm wide use product reference IDC 603.

Specify:
For busy entrance and exit doors where access, if required via an Outside Access Device is frequent.

Specify:
When the specification calls for the additional security of an anti thrust latch bolt.

Specify:
Where access via an Outside Access Device is required, the built in dogging device allows the latch bolt/pullman catches to be retained in the withdrawn position allowing free access until reset.

Refer to page 9/10 to select an Outside Access Device.



IDC 604 Touch Bar 3 Point Locking Pullman Catches
Suitable for single doors not exceeding 900mm wide and 2440mm in height. For single doors not exceeding 1200mm wide use product reference IDC 605.

Specify:
For busy entrance and exit doors where access, if required, via an Outside Access Device is frequent.

Specify:
When the specification calls for the additional security of three point locking and anti thrust latch bolt.

Specify:
Where access via an Outside Access Device is required the built in dogging device allows the latch bolt/pullman catches to be retained in the withdrawn position allowing free access until reset.

Refer to page 9/10 to select an Outside Access Device.

Emergency Exit Devices

Successfully type tested BS EN 179
Certificates are available on request

700 Series

Product code

0	2	2	0	0	7	2	7	0	1

IDC 727
BS EN 179

3	7	6	1	1	3	2	2	B

CE
Tested by notified body and Fire rated

- Suitable for LH/RH single doors
- Durable powder coated silverite finish to match standard finish on Ryobi door closers
- Automatic top catch/easy clean socket
- Main body fitted with anti thrust device to secure top/bottom rods against leverage
- Instructions/templates/screw pack supplied for timber fixing surface mounted
- Coloured and plated finishes available

700 Series

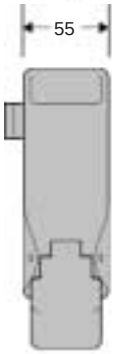
Product code

0	2	2	0	0	7	6	7	0	1

IDC 767
BS EN 179

3	7	6	1	1	3	2	2	B

CE
Tested by notified body and Fire rated



- Suitable for LH/RH single doors
- Durable powder coated silverite finish to match standard finish on Ryobi door closers
- Instructions/templates/screw pack supplied for timber fixing
- Coloured and plated finishes available

700 Series

Product code – with latch

0	2	2	0	0	7	8	8	0	1

IDC 788
BS EN 179

3	7	6	0	1	3	2	2	B

CE
Tested by notified body and Fire rated

Product code – without latch

0	2	2	1	0	7	8	8	0	1

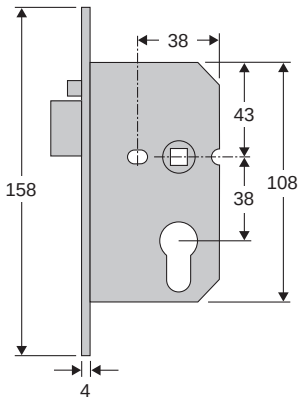
- Suitable for LH/RH single doors supplied with Mortice Latch ref. IDC 785
- Durable powder coated silverite finish to match standard finish on Ryobi door closers
- Mortice latch bolt features anti thrust device and snib to hold latch bolt back. SC forend
- Instructions/templates/screw pack supplied for timber fixing surface mounted
- Coloured and plated finishes available

700 Series

Product code

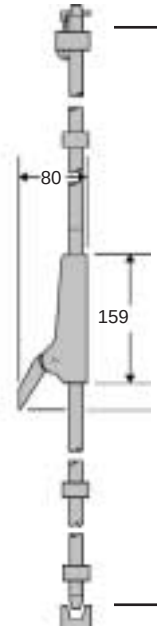
0	2	4	0	0	7	4	0	1	4

IDC 740
BS EN 1125/179



- Brass latch bolt reversible without opening case
- Stainless steel anti thrust device
- Enamelled steel latch case
- Special latch bolt profile ensures instant latch withdrawal when panic or exit device is activated
- Satin chrome latch forend and striking plate
- Latch case accepts single 40mm Euro profile cylinder. Standard differs or master keyed

This standard covers devices used in emergency situations where people are familiar with the emergency exit and its hardware and therefore a panic situation is most unlikely to develop. Lever handle operated escape mortice locks or push pads may therefore be used.



IDC 727 Push Pad Single Panic Bolt
Suitable for single door sizes not exceeding 2440mm in height.

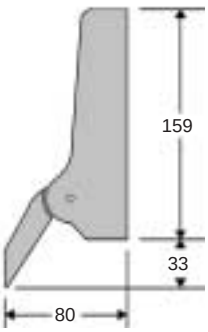
Specify:
For final exit doors, where access, if required, via an Outside Access Device is projected as infrequent.

Specify: IDC 726 with Adjustable Shoots
When factory fitted and on site adjustment is required.

Specify: IDC 725 with Standard Pullman Catches
For final exit doors where access, if required via an Outside Access Device, is projected as frequent.

Specify: IDC 724 with Horizontal Pullman Catches
Where floor and frame detail prevent the location of top and bottom locking or where a clean floor is essential.

Refer to page 9/10 to select an Outside Access Device.



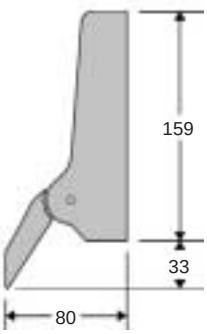
IDC 767 Push Pad Latch
Suitable for single doors not exceeding 200kg in weight.

Specify:
For final exit doors where the security provided by the latch bolt is regarded as sufficient.

Specify:
For internal doors destined as part of the escape route where the security provided by the latch bolt is regarded as adequate.

Specify:
Where access, if required, via an Outside Access Device, is projected as infrequent.

Refer to page 9/10 to select an Outside Access Device.



IDC 788 Push Pad Actuator complete with Mortice Latch
Suitable for single doors not exceeding 200kg in weight.

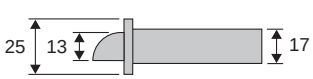
Specify:
For final exit doors, where a concealed latch with the additional security of an anti thrust device is required, and the hold back facility allows free access until reset, is needed.

Specify:
Optional Euro profile cylinder, stating door thickness, finish and key control, when access by key is required. Cylinders can be supplied to differ, to pass, or under Master Key.

Refer to page 7 for IDC Mortice Latch specification.

Specify:
IDC 788 Push Pad Actuator without Mortice Latch.

Refer to IDC for suitable Mortice Latches.



IDC Mortice Latch
Mortice Latch as supplied with IDC 787 and IDC 788 Actuating Devices. (Not available as a separate item).

Specify:
When an EN type tested package comprising Mortice Latch and Actuator is required.

Specify:
When the specification requires a concealed latch and the additional security of an anti thrust device and hold back facility.

Specify:
Optional Euro profile cylinder stating, door thickness, finish and key control when access by key is required. Cylinder can be supplied to differ, to pass or under Master Key.

Outside Access Devices

700 Series

Product code

0	6	1	0	**7**	**0**	**0**	**0**	1	9

- Standard finish Satin Chrome
- Supplied 2 keyed
- Optional cylinders produced keyed alike or under master key control

700 Series

Product code

0	2	3	0	0	**7**	**7**	**7**	0	1

- Suitable for LH/RH doors
- Durable powder coated silverite finish, to match standard finish on Ryobi door closers
- Bolt through fixing for security
- Supplied complete with built in cylinder, standard differs two keyed
- Suitable for door thickness not exceeding 70mm
- Coloured and plated finishes available

700 Series

Product code

0	2	3	0	0	**7**	**7**	**9**	0	1

- Suitable for LH/RH doors
- Durable powder coated silverite finish, to match standard finish on Ryobi door closers
- Bolt through fixing for security
- Supplied complete with euro cylinder standard differs, three keyed
- Optional cylinders produced keyed alike or under controlling master key
- Suitable for door thickness not exceeding 70mm
- Coloured and plated finishes available

600 Series

Product code

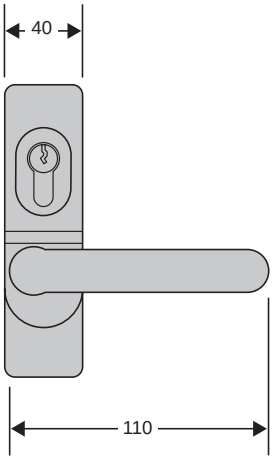
0	2	1	0	0	**6**	**0**	**7**	0	1

- Suitable for LH/RH doors
- Durable powder coated silverite finish, to match standard finish on Ryobi door closers
- Bolt through fixing for security
- Supplied complete with built in cylinder, standard differs, two keyed
- Coloured and plated finishes available

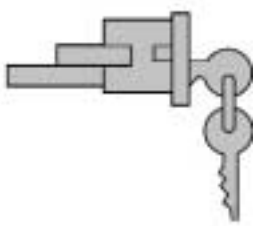
600 Series

Product code

0	2	1	0	0	**6**	**0**	**9**	0	1



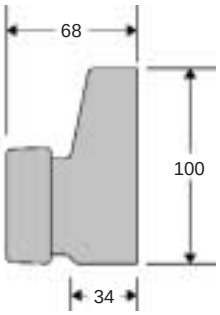
- Suitable for LH/RH doors
- Durable powder coated silverite finish, to match standard finish on Ryobi door closers
- Bolt through fixing for security
- Supplied complete with euro cylinder, standard differs, three keyed
- Optional cylinders produced keyed alike or under controlling master key
- Coloured and plated finishes available



IDC 700 Rim Cylinder
Suitable for door thickness 38-57mm. Latch bolt is withdrawn when key is turned.

Specify:
For occasional access only.

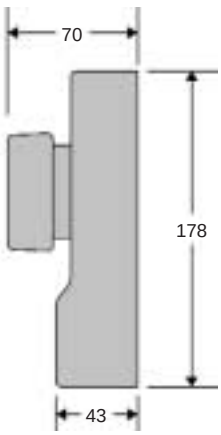
Specify:
For use with IDC 757 Panic Latch and IDC 767 Push Pad Latch only.



IDC 777 Outside Access Device
When locked the mechanism is disengaged, allowing the knob to rotate freely. When unlocked the knob, spindle and mechanism engage allowing the shoots of the Panic Bolt or the bolt in the Panic Latch to be withdrawn when the knob is turned. The knob remains engaged until re locked. Not suitable for master keying.

Specify:
For use with all IDC 700 series Panic Bolts and Push Pad Exit Devices with the exception of the IDC 787/788 Actuating Devices which can be supplied with optional Euro Profile Cylinder for access purposes.

Not suitable for use with IDC 600 Touch Bar series.

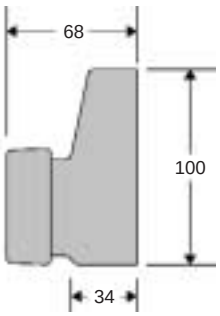


IDC 779 Outside Access Device
When locked the mechanism is disengaged, allowing the knob to rotate freely. When unlocked the knob, spindle and mechanism engage allowing the shoots of the Panic Bolt or the bolt in the Panic Latch to be withdrawn when the knob is turned. The knob remains engaged until re locked. Suitable for master keying.

Specify: IDC 778 Oval Cylinder if required to add or extend an existing Oval Master Keyed Suite.

Specify:
For use with all IDC 700 series Panic Bolts and Push Pad Exit Devices with the exception of the IDC 787/788 Actuating Devices which can be supplied with optional Euro Profile Cylinder for access purposes.

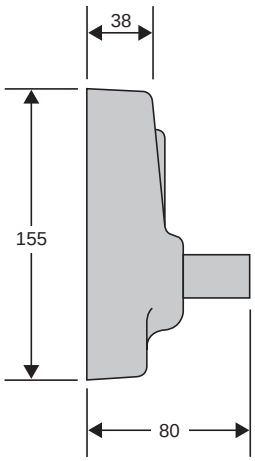
Not suitable for use with IDC 600 Touch Bar series.



IDC 607 Outside Access Device
When locked the mechanism is disengaged, allowing the knob to rotate freely. When unlocked the knob, spindle and mechanism engage allowing the Pullman Catches or the Deadlocking Latch to be withdrawn when the knob is turned. The knob remains engaged until re locked. Not suitable for master keying.

Specify:
For use with all IDC 600 series Touch Bar Devices.

Not suitable for for use with IDC 700 series.



IDC 609 Outside Access Device
When locked the mechanism is disengaged, allowing the knob to rotate freely. When unlocked the knob, spindle and mechanism engage allowing the Pullman Catches or the Deadlocking Latch to be withdrawn when the knob is turned. The Lever remains engaged until re locked. Suitable for master keying.

Specify: IDC 608 Oval Cylinder if required to add or extend an existing Oval Master Keyed Suite.

Specify:
For use with all IDC 600 series Touch Bar Devices.

Not suitable for for use with IDC 700 series.

Heavy Duty Security Panic Bolt

800 Series

Product code – one point

0	2	1	0	0	**8**	**0**	**1**	2	4

Product code – two point

0	2	1	0	0	**8**	**0**	**2**	2	4

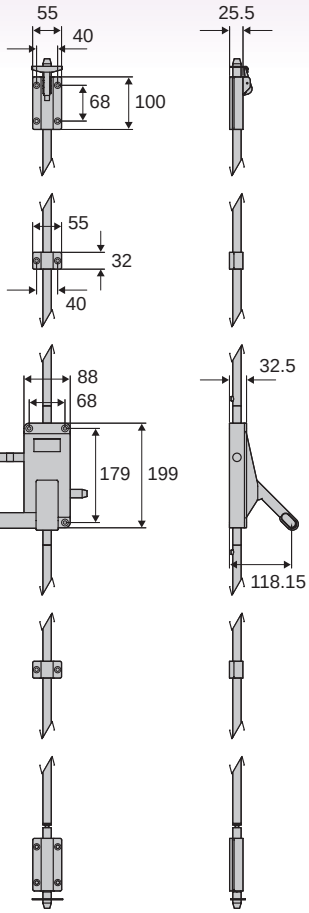
Product code – three point

0	2	1	0	0	**8**	**0**	**3**	2	4

Product code – four point

0	2	1	0	0	**8**	**0**	**4**	2	4

- Anti-thrust on bottom bolt against attack
- 19mm or 30mm throw of bolts
- Non-handed
- Outside access device available
- Lever, Push Pad or Pull Bar available on the inside
- One, two, three or four point available
- Mild steel bolts and mechanism
- Available in various finishes
- Top trip action



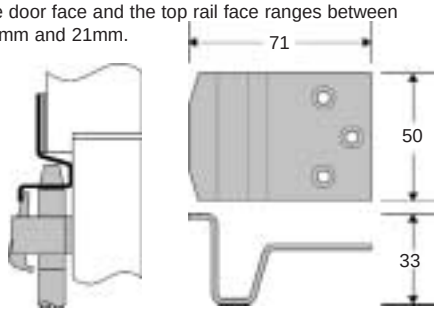
IDC 800
BS EN 1125
3 7 6 0 1 3 2 1 A

- Adjustable Shoots
- Certified to BS EN standards 1125
- Available for single and double doors
- Various Keep options available

Accessories

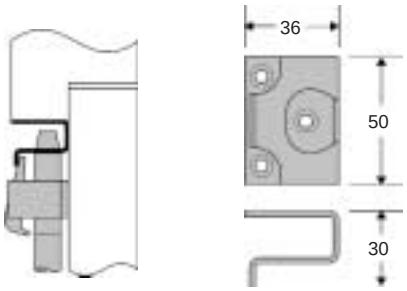
IDC 786 Top Trip Kit A

Ideal for uPVC doors and frames. The kit includes spacers for applications where the distance between the door face and the top rail face ranges between 14mm and 21mm.



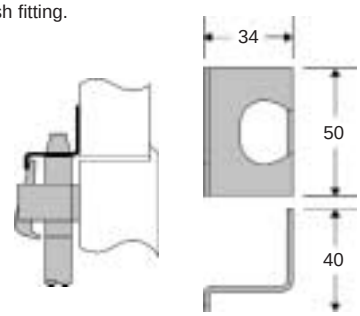
IDC 785 Top Trip Kit B*

Designed for Steel, uPVC or timber frames, The keep is fitted under the top rail and eliminates the need to bore a hole in the top rail to accept to top shoot rod.



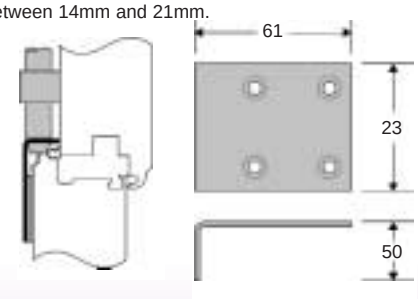
IDC 793 Top Trip Kit C*

For applications when the door and frame are flush fitting.



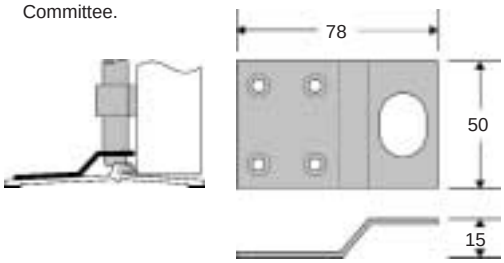
IDC 794 Bottom Keep Kit*

Ideal for applications which have a high threshold such as uPVC doors and frames. The kit includes spacers for applications where the distance between the door face and the face of the threshold ranges between 14mm and 21mm.



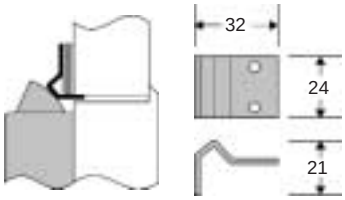
IDC 792 Low Threshold Bottom Keep*

Ideal for use with low thresholds or as an alternative to boring a hole in the floor to accept the bottom shoot rod. Designed to European Standard BS EN 1125 requirements and as recommended by the Access Committee.



IDC 791 Keep*

For flush fitting doors to suit Pullman catch.



* Shown are a selection of the kit options available to special order.

International Door Controls

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