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Mason Rib PM42 Pull Handle



About Paul Mason

When you look at a door handle by Paul Mason you see a product of over three decades of research and development. The door furniture has emerged as an integral part of his career as a highly respected sculptor and designer – from the hands of a versatile master craftsman who has earned an international reputation for sculptural work with a refined aesthetic sensibility.

Paul's work as an artist can be found in the collections of public galleries such as the Auckland Museum and Te Papa Tongarewa, New Zealand; The Powerhouse Museum, Sydney; The Renwick, Washington, USA, and in private collections worldwide. Accolades have included being sent by the Crafts Council to teach in India in 1979. He taught at Elam School of Fine Art in the early 1980s and in 1985 was appointed cultural ambassador by the New Zealand government. He has received several QEII Arts Council grants and many commissions, and has exhibited widely, nationally and internationally. In 1998 he was nominated for the prestigious Seppelt Contemporary Art Award in Australia.

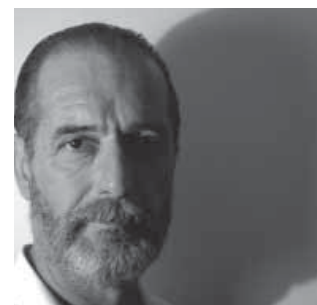
His work has developed, in both scale and intent, from inspired pieces of jewellery, inlaid wooden boxes and vessels in metals and stone to commissions to design furniture and fittings for many private and public interiors including the National Library of New Zealand. Paul's more recent exhibition and commissioned works have been made of granite and marble, exploring mass and surface texture, and expressing the relationship between stone and water.

In the early 1990s Paul designed his first door handle, Samba, for his own home. It was sculptural and tactile, with more than a passing aesthetic reference to his minimalist sculptures. Interest from architects and word of mouth led to development of the range.

Paul met Graham Chant in 1994 – it was the beginning of a fruitful partnership. Graham formed Chant Productions in 1996 to bring the Samba and Swim door handles into commercial production. Over the next two years the Nile, Comma and Rib suites were introduced to the market.

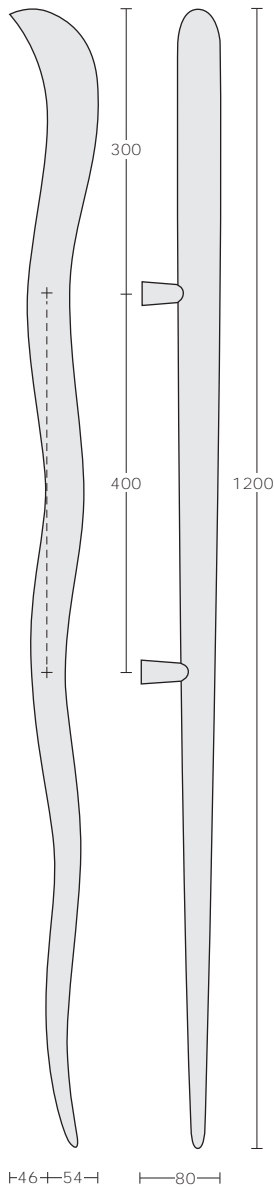
It is Paul's interest in sculptural form that is brought into play in the range of Mason door furniture. The door handles bring art to the door surface, satisfying the eye and inviting touch. One can sense the sculptor's hands defining the sensuous forms which transcend fashion. That timelessness translates into being able to complement any interior design statement.

Text by Helen Schamroth

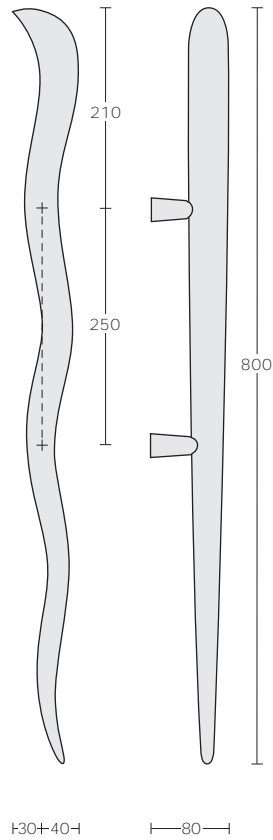


Samba Pull Handles

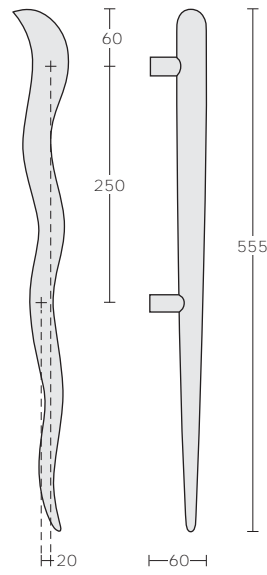
Samba PM00-1200



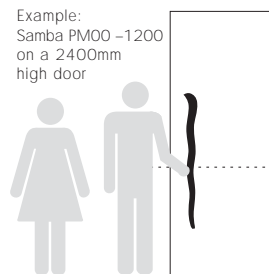
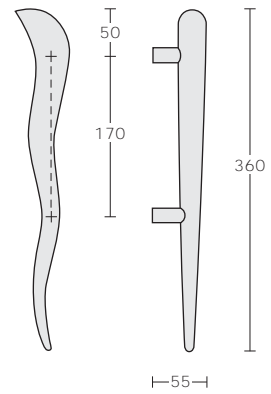
Samba PM00-800



Samba PM01



Samba PM02



Left hand Samba Pull Handles shown. All Samba Pull Handles are available left hand or right hand.

The PM01 Pull Handle has an offset of 20mm on the fixing holes to provide a balanced vertical visual alignment, particularly when they are mounted in pairs on double doors.

Note: One pair of Samba PM00-1200 Pull Handles weigh approximately 18kg. Please ensure door and structure are sufficiently strong to support this added weight.

Available in standard mounting options.

If the Samba PM00-1200 and 800 Pull Handles are being used on glass doors, 12mm holes are required. Mounting bolts are M8 (8mm diameter).



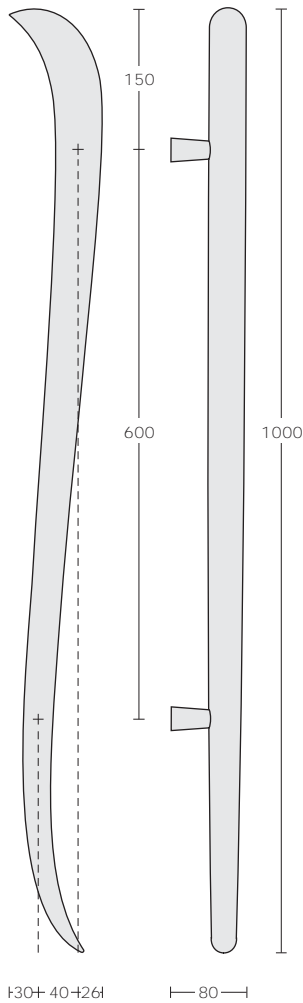
Samba PM01



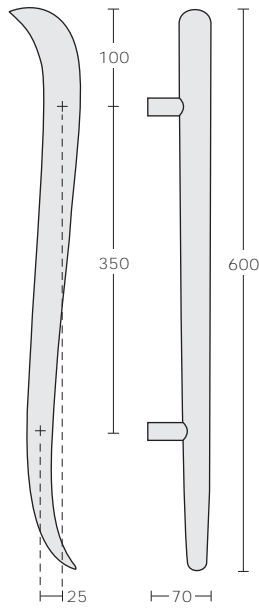
Samba PM02

Swim Pull Handles

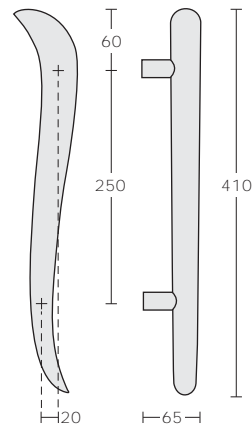
Swim PM09



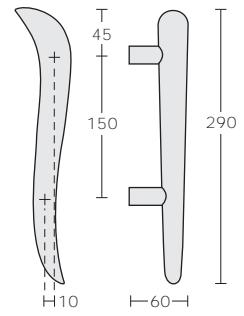
Swim PM10



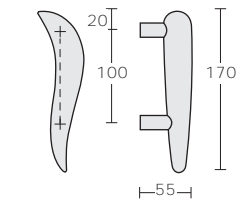
Swim PM11



Swim PM12



Swim PM13



PM09 – PM12 Pull Handles:

The offset of the fixing holes on these handles provide a balanced vertical visual alignment, particularly when they are mounted in pairs on double doors.

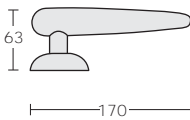
Left hand Swim Pull Handles shown. All Swim Pull Handles are available left hand or right hand.

Note: One pair of Swim PM09 Pull Handles weigh approximately 16kg. Please ensure the door and structure are sufficiently strong to support this added weight. Available in standard mounting options.

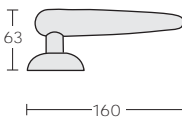
If the Swim PM09 or PM10 Pull Handles are being used on glass doors, 12mm holes are required. Mounting bolts are M8 (8mm diameter).

Swim Lever Handle/Fixed Handle

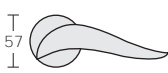
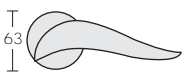
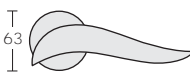
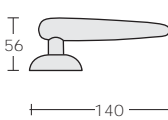
Swim PM14



Swim PM15

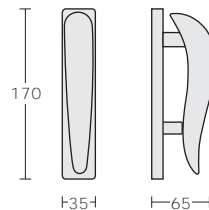


Swim PM15S



Swim Door Knocker

Swim PM19

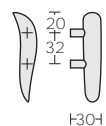


Left hand handles shown.

All pull and lever handles are available left hand or right hand.

Swim Cabinet Handles

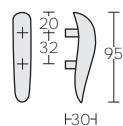
Swim PM16



Swim PM17



Swim PM18





Swim PM16



Swim PM12



Swim PM14

Mason Nile PM25 Lever Handle

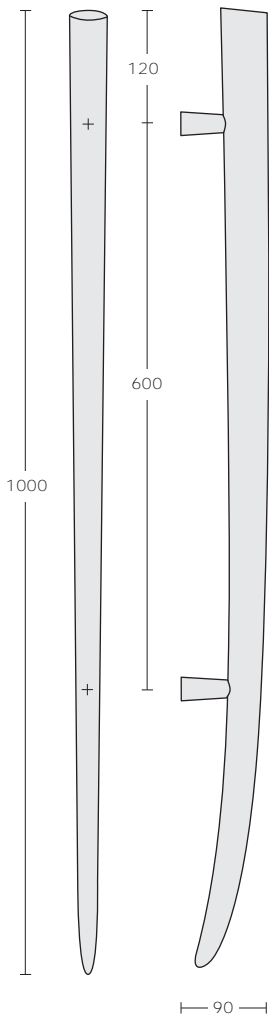




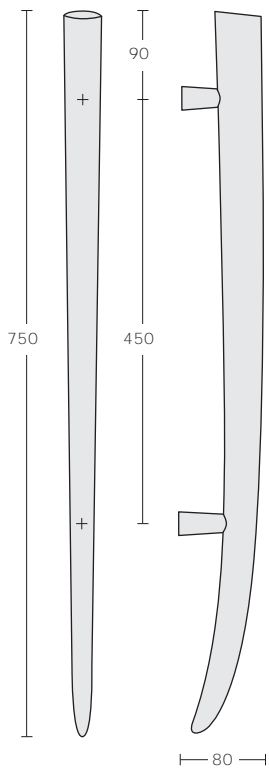
Mason Swim PM12 Pull Handle

Nile Pull Handles

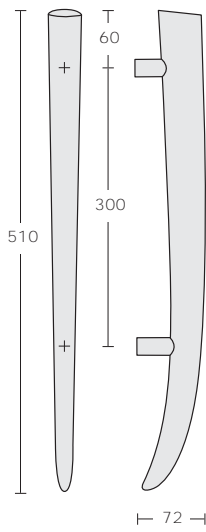
Nile PM20-1000



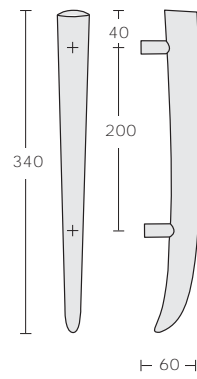
Nile PM20-750



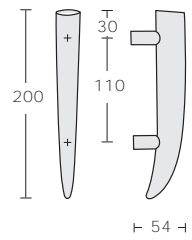
Nile PM21



Nile PM22



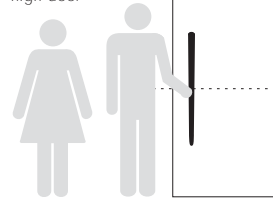
Nile PM23



Nile Pull Handles are non-handed
Nile Lever Handles are reversible.

Note: One pair of Nile PM20-1000 Pull Handles weigh 14kg. Please ensure the door and structure are sufficiently strong to support this added weight. Available in standard mounting options.

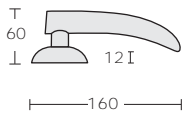
Example:
Nile PM20-1000
on a 2400mm
high door



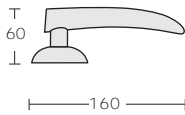
If the Nile PM20-1000 or PM20-750 Pull Handles are being used on glass doors, 12mm holes are required. Mounting bolts are M8 (8mm diameter).

Nile Lever Handle/Fixed Handle

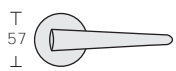
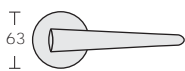
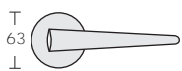
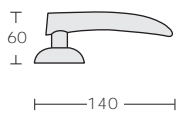
Nile PM24



Nile PM25

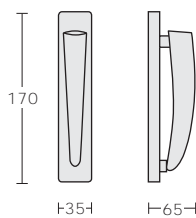


Nile PM26



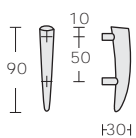
Nile Door Knocker

Nile PM28



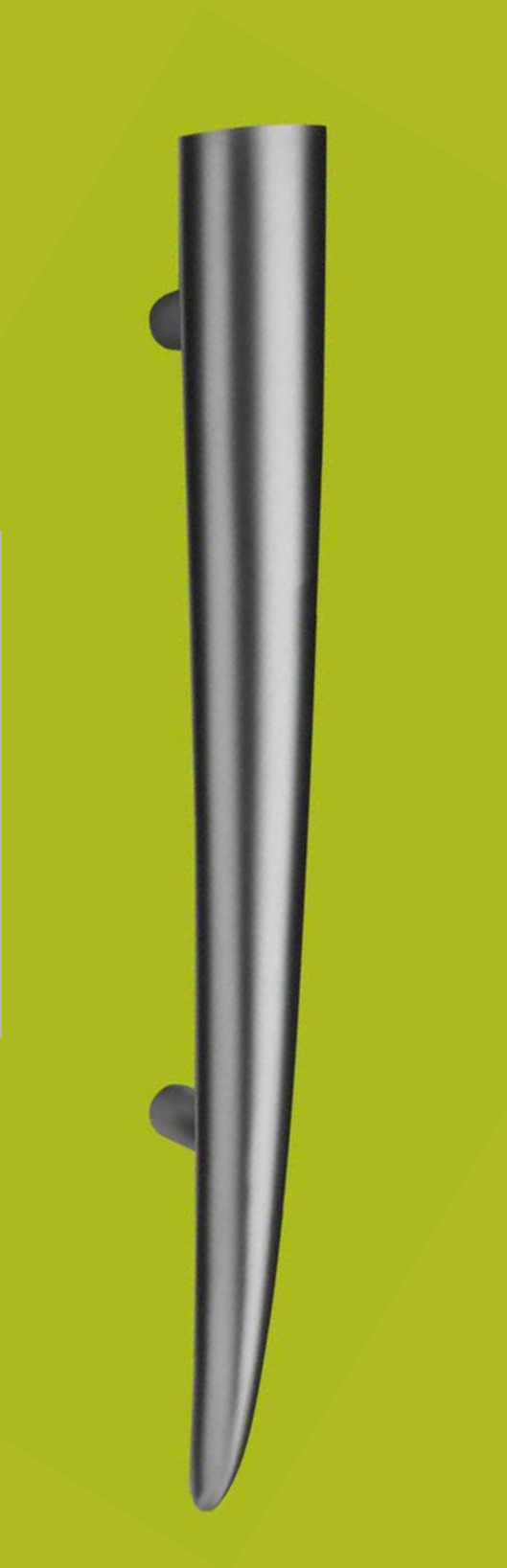
Nile Cabinet Handle

Nile PM29





Nile PM29



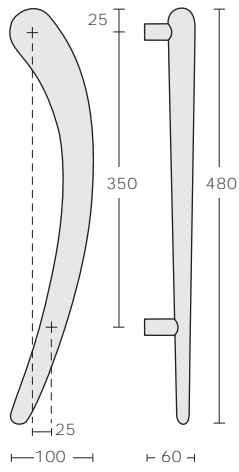
Nile PM22



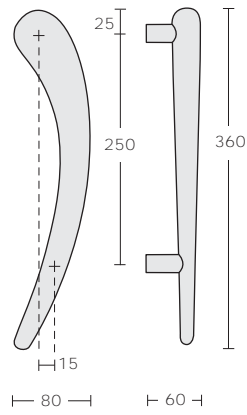
Nile PM25

Comma Pull Handles

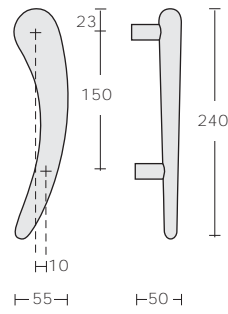
Comma PM31



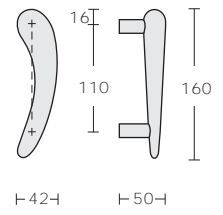
Comma PM32



Comma PM33

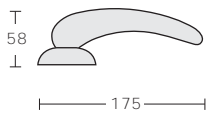


Comma PM36

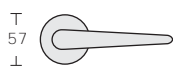
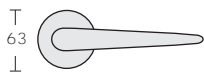
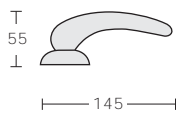


Comma Lever Handle/Fixed Handle

Comma PM34



Comma PM35



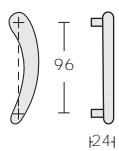
Left hand Comma Pull Handles shown.

All Comma Pull Handles are available left hand or right hand.

Comma Lever Handles are not handed and are reversible.

Comma Cabinet Handles

Comma PM37



Comma PM38





Comma PM37



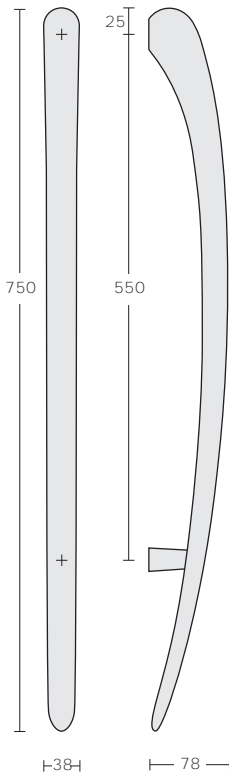
Comma PM32



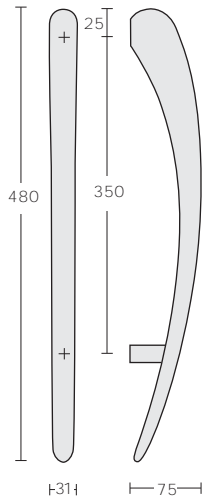
Comma PM34

Rib Pull Handles

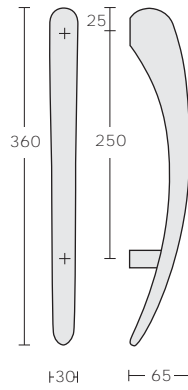
Rib PM40



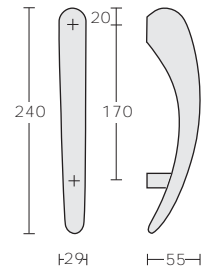
Rib PM41



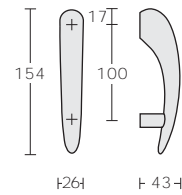
Rib PM42



Rib PM43



Rib PM46

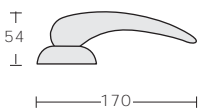


If the Rib PM40 Pull Handle is being used on glass doors, 12mm holes are required. Mounting bolts are M8 (8mm diameter).

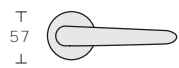
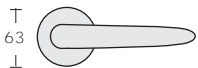
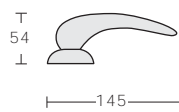
Rib Pull Handles are non-handed.
Rib Lever Handles are reversible.

Rib Lever Handle/Fixed Handle

Rib PM44

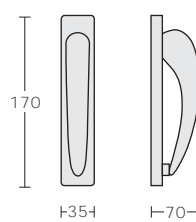


Rib PM45

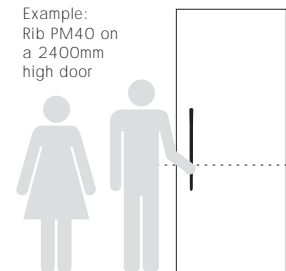


Rib Door Knocker

Rib PM47

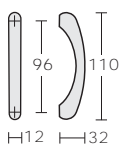


Example:
Rib PM40 on
a 2400mm
high door

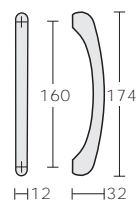


Rib Cabinet Handles

Rib PM48



Rib PM49





Rib PM48



Rib PM42



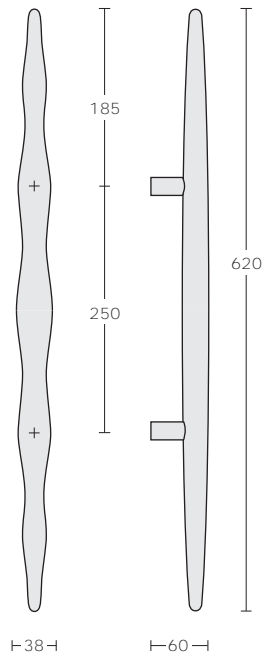
Rib PM44

River Pull Handles

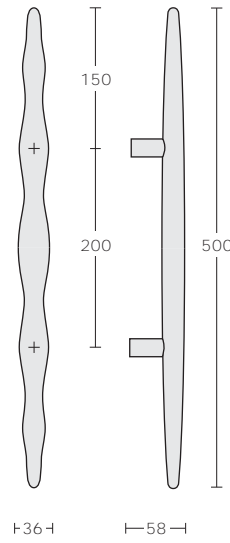
River PM50



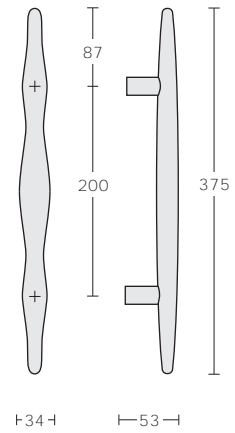
River PM51



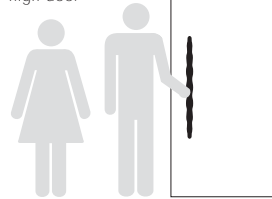
River PM52



River PM53



Example:
River PM50
on a 2400mm
high door



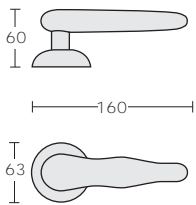
River Pull Handles are non-handed.
The River Lever Handle is reversible.

Available in standard mounting options.

If the River PM50 Pull Handles are being used on glass doors, a 12mm hole is required. Mounting bolts are M8 (8mm diameter).

River Lever Handle

River PM54





River PM51



River PM54



Mason Samba PM00-1200 Pull Handle
Photo: courtesy of Platinum Yachts, Dubai

Mason River PM51 Pull Handle



Mason Escutcheons

PM100 Cylinder Escutcheon

Use with Legge 990 MF Series, Lockwood 3500 Series, Astra mortise locks (Australasia) and Union (UK). Requires a minimum lock cylinder projection beyond the door surface of 14mm. The maximum door thickness with standard length cylinders is 46mm. For thicker doors use extended cylinders or PM103 Cylinder Escutcheon.

For Union 2041 mortise lock with standard double cylinder, maximum door thickness is 35mm or 53mm with extended double cylinder. Fastened with a socket set screw on the underside. To specify: PM100/Finish.

PM101 Turn Escutcheon

The turn mechanism is fastened to the door with screws, then concealed by a 'screw-on' cover. Key bars to suit locks as detailed.

- A – 6mm x 2mm bar for Legge 990 MF Series and Lockwood 3500 Series mortise locks. (Australasia)
 - B – $\frac{3}{16}$ " square spindle for Yale 4600, 8600 and 8700, and Schlage L Series mortise locks (USA)
 - C – 4.5mm square spindle
 - D – 7.0mm square spindle
 - E – 7.6mm square spindle
 - F – 8.0mm square spindle
 - G – 5.0mm square spindle
 - H – 6.0mm square spindle
 - J – $\frac{3}{16}$ " square spindle on the diamond (◇) for Accurate Locks (USA)
 - K – 10mm x 3mm recess to suit chant Profile Cylinder Turn Adaptor 1241 etc.
- To specify: PM101/A, B etc/Finish
- These spindles have a 2mm flat extension bar when ordered with PM102. Add suffix ET to order code eg. PM101/Finish/ET

PM102 Emergency Turn Escutcheon

The turn mechanism is fastened to the door with screws, then concealed by a 'screw-on' cover. The turn is operated by the key bar on PM101 Turn Escutcheon above. To specify: PM102/Finish

PM102i Emergency Turn/Indicator Escutcheon

The turn mechanism is fastened to the door with screws, then concealed by a 'screw-on' cover. The turn is operated by the key bar on PM101 Turn Escutcheon above. The red and green colour indicator behind the turn button shows the lock status. To specify: PM102i/Finish

PM103 Cylinder Escutcheon

Use with Union 2241 mortise lock where there is insufficient distance between the cylinder and lever rose for the PM100 Escutcheon. Doors thicker than 50mm will require an extended cylinder. Fastened with socket set screw on the underside. To specify: PM103/Finish

PM104 Profile Cylinder Escutcheon

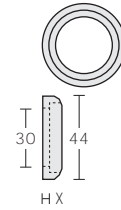
Use with all profile cylinders, particularly with locks where there is insufficient distance between the cylinder and lever rose to use the PM105 Cylinder Escutcheon. Fastened with a socket set screw on the underside. To specify: PM104/Finish

PM105 Profile Cylinder Escutcheon

Use with all profile cylinders. The radiused edge of this escutcheon complements the domed lever handle rose. Used when there is limited distance between cylinder length and door thickness. To specify: PM105/Finish

PM106A and PM106B Recessed Cylinder Rings

- PM106 A X = 5mm ($\frac{3}{16}$ ")
 - PM106 B X = 6.5mm ($\frac{1}{4}$ ")
- For Yale, Schlage etc cylinders.
To specify: PM106A or B/Finish



PM107A Pull/Turn

For Legge 990 Series Mortise Locks

PM107B Pull/Turn

For SAB Profile Cylinder Mortise Locks

Pull turns are fitted on the inside of entrance doors to withdraw the latch bolt, when key entry is used on the outside. The turn base is securely fastened to an adaptor plate which is fixed to the side of the lock case prior to installation in the door.

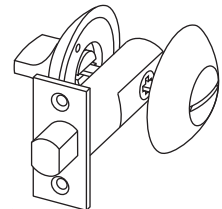
Depending on the lock used, specify the spindle bar type required from the chart opposite for turn escutcheons: typically A, E or F. Refer to Technical Section for an exploded view of the fastening of the Pull Turn to the lock. To specify: PM107A or B/Finish

PM108 Profile Cylinder Escutcheon

Use with all profile cylinders. The domed style of this escutcheon complements the domed lever handle rose. This requires a cylinder barrel of minimum 26mm more than the thickness of the door. Fastened with socket set screw on the underside. To specify: PM108/Finish

PM109A Privacy Bolt/Turn Assembly

This includes a 60mm backset privacy bolt, PM101 Turn Escutcheon and PM102 Emergency Turn Escutcheon. To specify: PM109/Finish



PM109B Privacy Bolt/Turn Assembly with Indicating Emergency Escutcheon

This includes a 60mm backset privacy bolt, PM101 Turn Escutcheon and PM102i Emergency Turn/Indicator Escutcheon. To specify: PM109B/Finish

PM109C Privacy Bolt/Turn Assembly

This includes a 70mm backset privacy bolt, PM101 Turn Escutcheon and PM102 Emergency Turn Escutcheon. To specify: PM109C/Finish

PM109D Privacy Bolt/Turn Assembly

This includes a 70mm backset privacy bolt, PM101 Turn Escutcheon and PM102 Emergency Turn Escutcheon. To specify: PM109D/Finish

Escutcheon Dimensions

PM100 –102i, 105, 107 and 108 are 55mm diameter.
PM103 and PM104 are 44mm diameter.
PM100 projection is 13mm.
PM103 and PM104 projection is 7mm.
PM 108 projection is 14mm.



PM100



PM104



PM101



PM105



PM102



PM107



PM102i



PM108



PM103

Mason Lever Handles on Rose

Lever Handles PM24, PM25, PM26, PM34, PM35, PM44, PM45 and PM54 on rose are symmetrical handles, and can easily be reversed on site to suit the door handing, by removing a stop-screw and key, rotating the handle and replacing the key and stop-screw.

The PM14, PM15 and PM15S handles, which are not symmetrical, must be ordered to the correct handing required. Unless otherwise specified, all lever handles have a return spring within the rose for positive handle return.

Fixing Centre/Rose Types for PM14, PM15, PM24, PM25, PM34, PM44, PM54 Lever Handles

Type A – 50.8mm centres at 45° for:

- Tubular latches, 60mm backset or longer
- Legge 990 MF Series and Lockwood 3500 Series Mortise Locks

Type B – 39.5mm centres, horizontal for:

- Profile Cylinder Mortise Locks:
 - AGB, CES, chant™, CISA, Dorma, FSB, GSV, Häfele, JADO, KfV, SAB
 - Legge 8762, 57mm backset
- Oval Cylinder Mortise Locks:
 - Astra Brass and Astra S Series
 - Legge 990 MF
 - Union 2041, 127mm backset (has the lock cylinder horizontally in line with the lever handle)
 - Union 2241, 57mm and 82.5mm backsets
- Mortise Latch: Union 2677, 57mm backset
- Tubular Latch: Dalco 12002

Type C – 39.5mm centres, vertical for:

- Tubular latches, 60mm backset or longer
- NT Falcon Mortise Lock (USA)

Type D – 39.5mm centres at 56° for:

- Yale 4600, 8600, 8700 Series Mortise Locks (USA)

Type E – 39.5mm centres at 45° for:

- Schlage L Series Mortise Locks (USA)

Type F – 38mm centres, unsprung rose with tie screw fixing between the roses for:

- GSV Locks, 3201Z, 3211Z, 3212Z, 3801Z Mortise Locks 3234 Mortise Latch

Type G – 38mm centres, with unsprung roses. The mounting bases are tie screw fixed through the door and lock, covered with the roses to provide concealed fixing, then the handles are fixed to the spindle on each side of the door for:

- Profile cylinder mortise locks that have 38mm horizontal fixing centres and strong return springs to support the lever handle.
 - BKS, CES, Dorma, FSB, Häfele

Fixing Centre/Rose Types for PM15S, PM26, PM35, PM45 Handles

Type H – 38mm centres, horizontal for:

- Profile Cylinder Mortise Locks:
 - AGB, CES, chant™, CISA, Dorma, FSB, GSV, Häfele, JADO, KfV, SAB
 - Legge 8762, Imperial G7000, 57mm backset, etc

• Oval Cylinder Mortise Locks:

- Astra Brass and Astra S Series
 - Legge 990 MF
 - Union 2041, 127mm backset (has the lock cylinder horizontally in line with the lever handle)
 - Union 2241, 57mm and 82.5mm backsets
- Mortise Latch : Union 2677, 57mm backset
- Tubular Latch : Dalco 12002

Type I – 38mm centres, vertical for:

- Tubular latches, 60mm backset or longer

Type J – 41mm centres, horizontal for:

- Lockwood 3500 Series Mortise Locks (Australia)

Type K – 41mm centres, vertical for:

- Tubular latches, 60mm backset or longer
- NT Falcon Mortise Lock (USA)

Example and specification of an order for lever or fixed handles on rose: (example)

Handle Style	Rose Type	Handing	Lever (L) or Fixed (F)	Finish	Quantity
PM24	A	LH	L	SCPV	2pr

It is recommended that the lock type is stated when ordering handles. Handle bosses are broached 8.1mm to suit the spindle.

Fixing

All roses have tie screw fixing to suit the latches and locks as detailed. Concealed-fixing on the outside rose, visible fixing on the inside rose, 5/32" BSW x 3" (76mm) stainless steel screws supplied as standard. Suitable for doors to 60mm thick.

Fixing Centre/Rose Types for Fixed Handles

A lock plate is assembled into the rose to prevent the handle from turning.

Type A – 50.8mm centres at 45°

Type C – 39.5mm centres vertical

Type I – 38mm centres, vertical for handles with 57mm diameter roses.

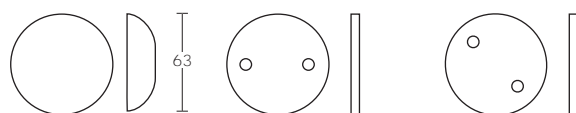
Blank Roses

Used for fixing half sets of lever or fixed handles to a door.

PM110 External: Universal – Threaded 5/32" BSW at 39.5mm and 50.8mm fixing centres

PM111 Internal: Drilled at 39.5mm fixing centres for countersunk screws

PM112 Internal: Drilled at 50.8mm fixing centres for countersunk screws

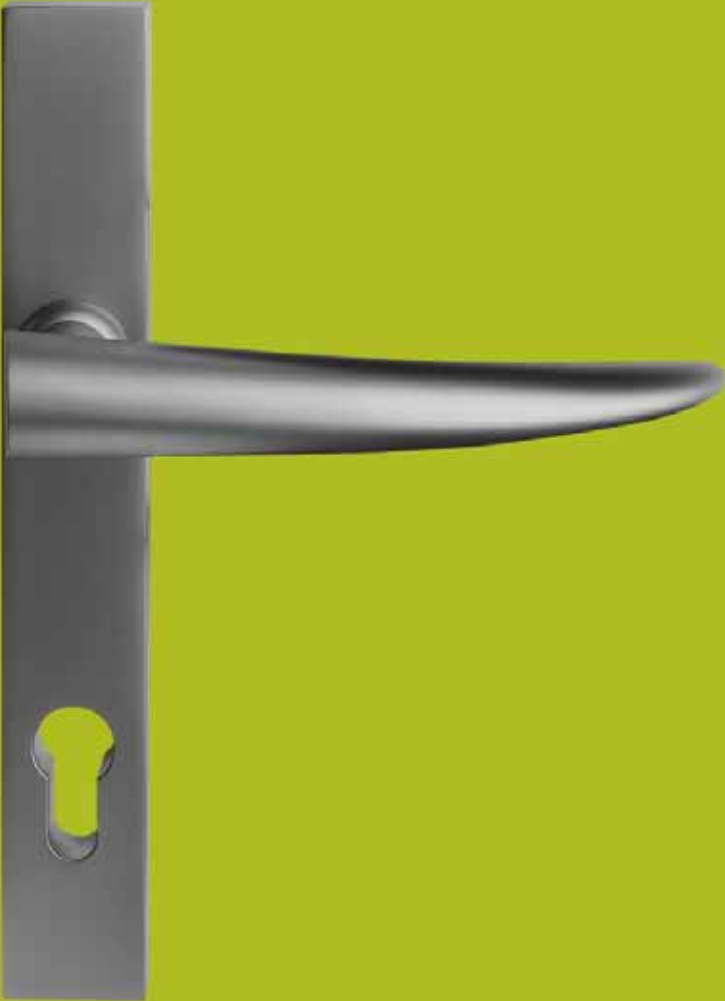


PM110

PM111

PM112

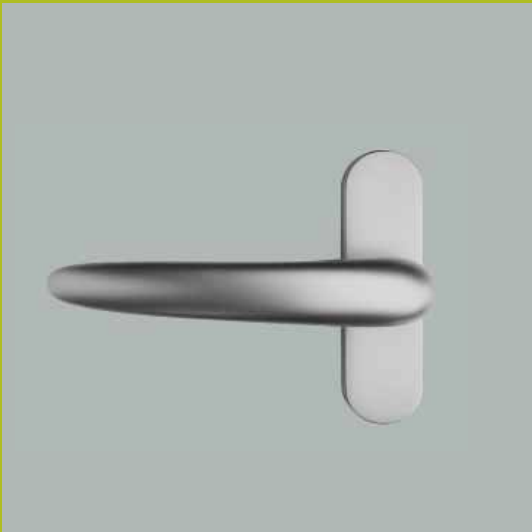
For information on Mason Lever Handles on Plates, refer to Technical Section.



Nile PM25 on A1-21 plate



Comma PM35 on A3-51 plate



Rib PM44 on A3-10 plate



Mason Swim, various pull and lever handles
Hamburg, Germany