© O O Commitment to Excellence

door hardware



Commitment to Excellence

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# Architectural Hardware



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# closers

## **Concealed Overhead Door Closer**



#### Features

- 90° hold open facility available at no extra cost
- Standard spindle length 12mm, also available in 17/22/28mm
- Replacement items available for retrofit installations and maintenance
- Quality products at acceptable prices
- Nationwide maintenance service available

#### **Functionality**

The overhead door closer is designed to be concealed within the transom header bar of the door. It provides controlled closing of a single or double action, aluminium door or doors. Features built into the closer include dual closing speeds to allow flexibility in closing; three levels of spring strength and 90° hold open facility. The closer comes complete with its own fixing pack and comprehensive fixing instructions. Various arms and spindle lengths are available on request.

#### Side Loading Option (Includes 51A2 Arm)

Code	Description
DDA-NHO-T1-U	DDA Compliant - no hold open
510100T1-U	Light duty (size 1) - no hold open
510200T1-U	Medium duty (size 2) - no hold open
510300T1-U	Heavy duty (size 3) - no hold open
510900T1-U	Variable strength - no hold open
DDA-HO-T1-U	DDA Compliant - 90° hold open
510190T1-U	Light duty (size 1) - 90° hold open
510290T1-U	Medium duty (size 2) - 90° hold open
510390T1-U	Heavy duty (size 3) - 90° hold open
510990T1-U	Variable strength - 90° hold open* (See note on page 5)
510400DT1-U	Dummy Closer

#### End Loading Option (Includes 51A3 Arm)

Code	Description	
DDA-NHO-T2-U	DDA Compliant - no hold open	
510100T2-U	Light duty (size 1) - no hold open	
510200T2-U	Medium duty (size 2) - no hold open	
510300T2-U	Heavy duty (size 3) - no hold open	
510900T2-U	Variable strength - no hold open	
DDA-HO-T2-U	DDA Compliant - 90° hold open	
510190T2-U	Light duty (size 1) - 90° hold open	
510290T2-U	Medium duty (size 2) - 90° hold open	
510390T2-U	Heavy duty (size 3) - 90° hold open	
510990T2-U	Variable strength - 90° hold open* (See note on page 5)	
510400DT2-U	Dummy Closer	

#### Short Side Loading Option (Includes 51A1 Arm)

Code	Description
DDA-NHO-T3-U	DDA Compliant - no hold open
510100T3-U	Light duty (size 1) - no hold open
510200T3-U	Medium duty (size 2) - no hold open
510300T3-U	Heavy duty (size 3) - no hold open
510900T3-U	Variable strength - no hold open
DDA-HO-T3-U	DDA Compliant - 90° hold open
510190T3-U	Light duty (size 1) - 90° hold open
510290T3-U	Medium duty (size 2) - 90° hold open
510390T3-U	Heavy duty (size 3) - 90° hold open
510990T3-U	Variable strength - 90° hold open* (See note on page 5)
510400DT3-U	Dummy Closer



**51A1** Special Top Arm Assembly Short Side Load For use with 65mm pivot and 51A5 'F' bracket



51A2

Side Load Top Arm Assembly 70mm pivot



NB - Trade pack quantity for all closer types is 4

- 17mm Extended Spindle, change code to 'X-U' i.e 510190T1X-U
- 22mm Extended Spindle, change code to 'X-U-22' i.e 510190T1X-U-22
- 28mm Extended Spindle, change code to 'X-U-28' i.e 510190T1X-U-28

## closers

## **Overhead Door Closer Accessories**

Light spring - under 750mm (size 1)

conditions and constant lubrication

Medium spring - 751mm to 950mm (size 2)

Heavy spring - 951mm to 1150mm (size 3)

100kg - Standard pivot, 120kg - Heavy duty pivot

Dual; initial closing speed is factory preset. Final closing speed is full adjustable after installation

Stable hydraulic fluid suitable for most climatic

Built in positive back stop and optional 90°

293mm x 90mm

37mm

2540mm



Dimensions: Concealed thickness: Maximum door width:

Maximum door weight: Maximum door height: Closing speed:

Lubrication:

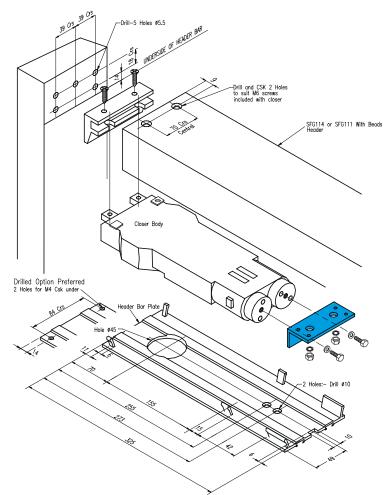
Function:

#### Accessories

Code	Description	
51A1	Special top arm assembly - short side load	
51A2	Side load top arm assembly	
51A3	End load top assembly - use for round nose stiles	
51A4	Standard bottom pivot assembly	
51A5	*F" bracket, closing jamb/header bar bracket including fixings	
51A10 Heavy duty bottom pivot assembly - maximum weight 120kg		
<b>*VARIABLE - If replacing a standard closer with variable strength, the bracket highlighted below will need to be changed. This is supplied with the variable strength closer.</b>		

hold open position

#### **Preparation Detail**



51A3 End Load Top Assembly Use for Roundnose Stiles







Concealed Overhead Door Closer

4

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01202 676262

## **Round Mortice Cylinder Deadlocks**

#### Features

- Range of backsets available
- Locks accept standard 15/32" mortice key or thumbturn cylinder
- Faceplate finish SAA
- Stainless steel laminated lockbolts

#### **Functionality**

Deadlocks are available in both bar and hookbolt versions. The locks provide security deadlocking for a variety of aluminium doors including swinging and sliding applications.

The hookbolt is constructed from stainless steel and is a 5 ply laminated construction, with the centre core case hardened, complete with hardened roll pin to resist hacksaw attack.

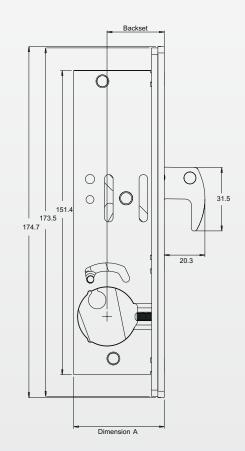
All locks are designed to accept standard round mortice cylinders or thumbturns.

Code	Description	For use with	Finish
5218201	Narrow stile short throw barbolt deadlock to suit mortice cylinder <sup>7</sup> /8" backset		N/A
5218202	Narrow stile short throw barbolt deadlock to suit mortice cylinder <sup>31</sup> /32″ backset		N/A
5218203	Narrow stile short throw barbolt deadlock to suit mortice cylinder 11/8" backset		N/A
5218204	Narrow stile short throw barbolt deadlock to suit mortice cylinder 11/2" backset		N/A
5218205	Narrow stile hookbolt deadlock to suit mortice cylinder <sup>7</sup> /8″ backset		N/A
5218206	Narrow stile hookbolt deadlock to suit mortice cylinder <sup>31</sup> /32″ backset		N/A
5218207	Narrow stile hookbolt deadlock to suit mortice cylinder 1 <sup>1</sup> /8″ backset		N/A
5218208	Narrow stile hookbolt deadlock to suit mortice cylinder 11/2" backset		N/A
52FP1821	Flat faceplate - width 25mm	1820	SAA
52FP1822	Radius faceplate - width 25mm	1820	SAA
52FP1823	Radius faceplate with weather strip - width 25	mm 1820	SAA

For details of the faceplate variants available, see page 14.

Imperial Backset	Metric Equivalent	Dimension A
7/8″	22.2mm	39.9mm
31/32″	24.6mm	41.4mm
11/8″	28.6mm	45.2mm
11/2″	38.1mm	57.1mm





## **Round Mortice Cylinder Deadlocks**



- Range of backsets available
- Locks accept standard 15/32" mortice key or thumbturn cylinder
- Faceplate finish SAA
- Stainless steel laminated lockbolts

#### Functionality

Deadlocks are available in both bar and hookbolt versions. The locks provide security deadlocking for a variety of aluminium doors including swinging and sliding applications.

The hookbolt is constructed from stainless steel and is a 5 ply laminated construction, with the centre core case hardened, complete with hardened roll pin to resist hacksaw attack.

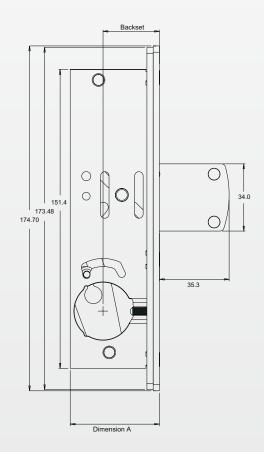
All locks are designed to accept standard round mortice cylinders or thumbturns.

Code	Description Fe	or use with	Finish
5218501	Narrow stile long throw barbolt deadlock to suit mortice cylinder 7/8″ backset		N/A
5218502	Narrow stile long throw barbolt deadlock to suit mortice cylinder <sup>31</sup> /32″ backset		N/A
5218503	Narrow stile long throw barbolt deadlock to suit mortice cylinder 1 <sup>1</sup> /8" backset		N/A
5218504	Narrow stile long throw barbolt deadlock to suit mortice cylinder 1 <sup>1</sup> /2" backset		N/A
52FP1851	Flat faceplate - width 25mm	1850	SAA
52FP1852	Radius faceplate - width 25mm	1850	SAA
52FP1853	Radius faceplate with weather strip - width 25n	nm 1850	SAA

For details of the faceplate variants available, see page 13.

Imperial Backset	Metric Equivalent	Dimension A
7/8″	22.2mm	39.9mm
31/32″	24.6mm	41.4mm
11/8″	28.6mm	45.2mm
11/2″	38.1 mm	57.1mm





## IOCKS Europrofile Deadlocks

#### Features

- Range of backsets available
- Faceplate finish SAA
- Stainless steel laminated lockbolts
- Locks accept standard 17mm Europrofile cylinders and thumbturn

#### Functionality

Deadlocks are available in both bar and hookbolt versions. The locks provide security deadlocking for a variety of aluminium doors including swinging and sliding applications.

The hookbolt is constructed from stainless steel and is a 5 ply laminated construction, with the centre core case hardened, complete with hardened roll pin to resist hacksaw attack.

All locks are designed to accept standard profile cylinders or thumbturns.

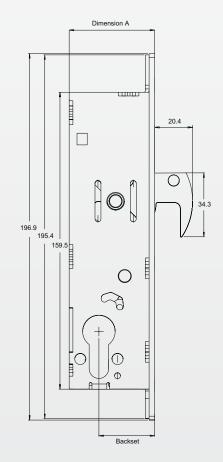
Code	Description F	or use with	Finish
5222025	Narrow stile hookbolt lock to suit 17mm Europrofile cylinder - 25mm backset		N/A
5222025R	Narrow stile hookbolt lock 25mm backset RIV nut fixing		N/A
5222030	Narrow stile hookbolt lock to suit 17mm Europrofile cylinder - 30mm backset		N/A
5222030R	Narrow stile hookbolt lock 30mm backset RIV nut fixing		N/A
5222040	Narrow stile hookbolt lock to suit 17mm Europrofile cylinder - 40mm backset		N/A
5222125	Narrow stile barbolt lock to suit 17mm Europrofile cylinder - 25mm backset		N/A
5222130	Narrow stile barbolt lock to suit 17mm Europrofile cylinder - 30mm backset		N/A
52FP221	Flat faceplate - bar bolt - width 25mm	221	SAA
52FP222	Flat faceplate - hook lock only - width 25mm	220	SAA
52FP225	Radius faceplate - hook lock only - width 25m	nm 220	SAA
52FP228	Radius faceplate with weather strip - width 25	mm 220	SAA

For details of the faceplate variants available, see page 13.

Metric Backset	Dimension A
25mm	41mm
30mm	46mm
40mm	56mm



52220 Lock Type



## **Round Mortice Cylinder Deadlatches**



- Range of backsets available
- Locks accept standard 15/32" mortice key or thumbturn cylinder
- Faceplate finish SAA
- Industry standard ANSI cut outs
- Europrofile or round mortice cylinder options
- Latch hold back facility
- Latches compatible for use with electric strikes

#### Functionality

Deadlatches offer flexible control of situations and can be used in conjunction with electric strikes to provide the added option of remote access control. Designed to operate on doors with 3mm door gaps, the deadlatches can also be operated with the 459 paddle handle (cam plug required).

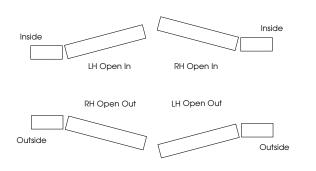
Description	For use with	Finish
Deadlatch to suit round mortice cylinder 1 <sup>1</sup> /8" backset (RH)		N/A
Deadlatch to suit round mortice cylinder 1 <sup>1</sup> /8″ backset (LH)		N/A
Deadlatch to suit round mortice cylinder <sup>31</sup> /32″ backset (RH)		N/A
Deadlatch to suit round mortice cylinder <sup>31</sup> /32" backset (LH)		N/A
Flat faceplate - width 25mm	4570/4510	SAA
Radius faceplate - width 25mm	4570/4510	SAA
Radius faceplate with weather strip - width 25mm	4570/4510	SAA
Strike plate		N/A
Deadlatch fixing kit - width 25mm	4570/4510	N/A
Extended strike plate	4570/4510	N/A
	Deadlatch to suit round mortice cylinder 1 <sup>1</sup> /8" backset (RH) Deadlatch to suit round mortice cylinder 1 <sup>1</sup> /8" backset (LH) Deadlatch to suit round mortice cylinder <sup>31</sup> /32" backset (RH) Deadlatch to suit round mortice cylinder <sup>31</sup> /32" backset (LH) Flat faceplate - width 25mm Radius faceplate - width 25mm Radius faceplate with weather strip - width 25mm Strike plate Deadlatch fixing kit - width 25mm	Deadlatch to suit round mortice cylinder 11/8" backset (RH)Deadlatch to suit round mortice cylinder 11/8" backset (LH)Deadlatch to suit round mortice cylinder 31/32" backset (RH)Deadlatch to suit round mortice cylinder 31/32" backset (RH)Deadlatch to suit round mortice cylinder 31/32" backset (LH)Flat faceplate - width 25mm4570/4510Radius faceplate - width 25mm4570/4510Radius faceplate with weather strip - width 25mm4570/4510Strike plate510Deadlatch fixing kit - width 25mm4570/4510

For details of the faceplate variants available, see page 14.

Imperial Backset	Metric Equivalent	Dimension A
31/32″	24.6mm	41.4mm
11/8″	28.6mm	45.2mm

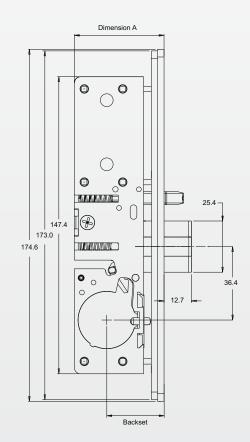
#### Handing of doors for locks

The description of swinging door operation always viewed from the outside.LH: Door hinges on leftRH: Door hinges on right





524510 Lock Type



## 524510 Lock Type

8

## **Europrofile Cylinder Deadlatches**



- Range of backsets available
- Faceplate finish SAA
- Locks accept standard 17mm Europrofile cylinders and thumbturns
- Industry standard ANSI cut outs
- Europrofile or round mortice cylinder options
- Latch hold back facility
- Latches compatible for use with electric strikes

#### Functionality

Deadlatches offer flexible control of situations and can be used in conjunction with electric strikes to provide the added option of remote access control. Designed to operate on doors with 3mm door gaps.

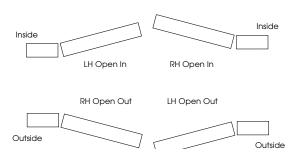
Code	Description	For use with	Finish
5245701	Deadlatch to suit 17mm Europrofile cylinder 25mm backset (RH)		N/A
5245702	Deadlatch to suit 17mm Europrofile cylinder 25mm backset (LH)		N/A
5245703	Deadlatch to suit 17mm Europrofile cylinder 28mm backset (RH)		N/A
5245704	Deadlatch to suit 17mm Europrofile cylinder 28mm backset (LH)		N/A
5245705	Deadlatch to suit 17mm Europrofile cylinder 38mm backset (RH)		N/A
5245706	Deadlatch to suit 17mm Europrofile cylinder 38mm backset (LH)		N/A
52FP4511	Flat faceplate - width 25mm	4510/4570	SAA
52FP4512	Radius faceplate - width 25mm	4510/4570	SAA
52FP4513	Radius faceplate with weather strip - width 25mm	4510/4570	SAA
5235	Strike plate		N/A
5245-FIX-KIT	Deadlatch fixing kit - width 25mm	4570/4510	N/A
5245ESP	Extended strike plate	4570/4510	N/A

For details of the faceplate variants available, see page 14.

Metric Backset	Dimension A
25mm	41.4mm
28mm	45.2mm
38mm	57.1mm

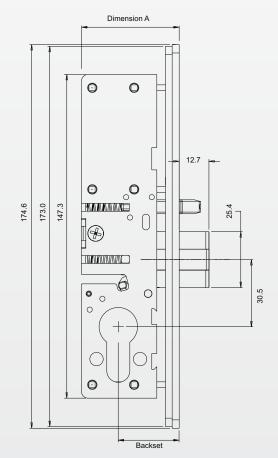
#### Handing of doors for locks

The description of swinging door operation always viewed from the outside. LH: Door hinges on left RH: Door hinges on right





524570 Lock Type





## **OCKS** Accessories

#### Features

- Standard keyways
- Range of finishes

<ul> <li>15/32" sta</li> </ul>	indard cylinder		
Code	Description	For use with	Finish
5228	Round mortice cylinder keyed to differ	1820/1850/4510	Satin
5228-TRIM	Trim ring - round mortice cylinder		Satin
5228X	Round mortice cylinder - keyed to differ	To suit extended hardware	Satin
5229	Round mortice cylinder keyed to pass	1820/1850/4510	Satin
5229X	Round mortice cylinder - keys to pass 6 pack	To suit extended hardware	Satin
5230	Round mortice thumbturn	1820/1850/4510	Satin
5231	Round mortice cylinder guard	1820/1850/4510	Satin
5241	Pair of 5228 round mortice cylinders complete with 2 keys	3	Satin
5242	Round mortice cylinder - trim ring 1.5mm thick	5228/5229/5230	Satin
5243	Round mortice cylinder - trim ring 2.5mm thick	5228/5229/5230	Satin
5244	Round mortice cylinder - trim ring 3mm thick	5228/5229/5230	Satin
5247	Key blank	Round cylinders	

#### Armoured Strikes - Features

• Armoured strike

• Increased jamb protection

Code	Description	For use with	Finish
5212	Armoured strike	220	N/A
5213	Armoured strike faceplate - Radius	220	N/A
5213-FLAT	Armoured strike faceplate - Flat	220	N/A

#### Flushbolts - Features

- Die cast zinc alloy operation mechanism
- Available in Silver finish
- Complete with bolt guide
- Spring loaded floor sockets available on request
- Flat or radius profiles available

#### Functionality

Flushbolts are used to facilitate the locking of the inactive leaf of a pair of aluminium, steel or timber doors. Complete with the necessary flushbolt guide and optional spring loaded floor sockets, the bolts allow both a secure and aesthetically pleasing locking solution.

Code	Description	Finish
60FSAA	Flat flushbolt - complete with guide	SAA
60RSAA	Radius flushbolt - complete with guide	SAA
60FS	Floor socket	N/A
60BG	Bolt guide	N/A



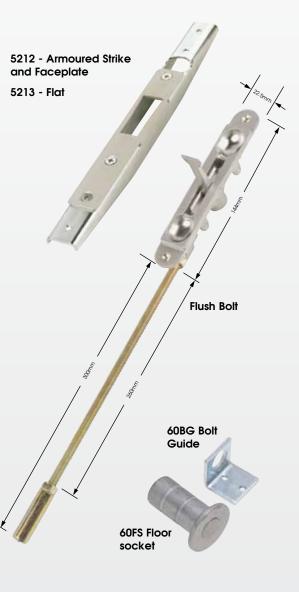


5228 Round 523 Mortice Cylinder Mor





5231 Round Mortice Cylinder Guard



## Accessories

#### Features

- Keyed alike and keyed different options available
- Dual and half profile

Code	Description	For use with	Finish
5210	Alpro key blank – Euro	Profile cylinders	N/A
5211	Lock mounting clips – per pair	All locks	N/A
5214	Double Europrofile cylinder 60mm - keyed to differ	4570/220/221	SAA
5216/KA1	Double Europrofile cylinder 60mm (KA Set 1) – keyed to pass	4570/220/221	SAA
5216/KA2	Double Europrofile cylinder 60mm (KA Set 2) – keyed to pass	4570/220/221	SAA
5217/KA1	17mm double Europrofile cylinder 70mm (KA Set 1) - keyed to pass	4570/220/221	SAA
5217/KA2	17mm double Europrofile cylinder	4570 (000 (001	
5218	70mm (KA Set 2) - keyed to pass Key and thumbturn Euro cylinder	4570/220/221	SAA
0210	60mm – keyed to differ	4570/220/221	SAA
5219	17mm key and thumbturn Europrofile		
<u> </u>	cylinder 70mm - keyed to differ	4570/220/221	SAA
5220/KAT	Key and thumbturn Euro cylinder 60mm (KA Set 1) – keyed to pass	4570/220/221	SAA
5220/KA2	Key and thumbturn Euro cylinder		
	60mm (KA Set 2) – keyed to pass	4570/220/221	SAA
5221/KA1	17mm key and thumbturn Europrofile		
	cylinder 70mm (KA Set 1) - keyed to pass	4570/220/221	SAA
5221/KA2	17mm key and thumbturn Europrofile	407072207221	0, 0, 1
•===:,:::	cylinder 70mm (KA Set 2)		
	- keyed to pass	4570/220/221	SAA
5222	Half Europrofile cylinder – keyed to differ	4570/220/221	SAA
5224/KA1	Half Europrofile cylinder (KA Set 1) – keyed to pass	4570/220/221	SAA
5224/KA2	Half Europrofile cylinder (KA Set 2) – keyed to pass	4570/220/221	SAA
5225	Double Europrofile cylinder 70mm		
	6 pin to differ complete with 3 keys	4570/220/221	SAA
5226	Self adhesive escutcheons	4570/220/221	SAA
5227 5258	Self adhesive escutcheons Double cylinder 60mm - 1 pair	4570/220/221	Black
5250	- keyed to pass	4570/220/221	SAA
5259	Double cylinder including key and thumbturn 60mm 1 pair – keyed to pass	4570/220/221	SAA
5260	Key and thumbturn Euro cylinder 60mm 1 pair – keyed to pass	4570/220/221	SAA
5280	17mm double Europrofile cylinder 80mm - keyed to differ	4570/220/221	SAA
5280KA	17mm double Europrofile cylinder 80mm - keyed alike	4570/220/221	SAA
5280T	17mm key and thumbturn Europrofile cylinder 80mm - keyed to differ	4570/220/221	SAA
5280TKA	17mm key and thumbturn Europrofile cylinder 80mm - keyed alike	4570/220/221	SAA





5222 Half Profile Cylinder





## IOCKS Faceplates

Alpro offer a range of faceplates for our Deadlocks and Deadlatches.

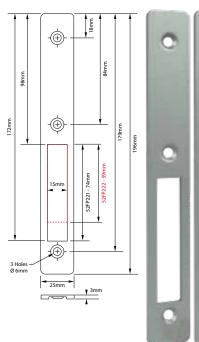
#### **Features**

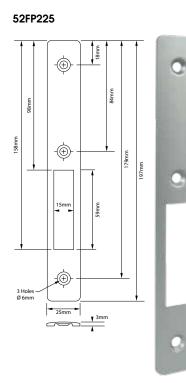
- These are available in flat, radius and weather strip versions.
- Faceplate finish SAA

#### Code Description

# For use with Europrofile Deadlocks - Type 52220 page 10 52FP221 Flat faceplate - bar bolt W 25 x H 197mm 52FP222 Flat faceplate - hook lock only W 25 x H 197mm 52FP225 Radius faceplate - hook lock only W 25 x H 197mm 52FP226 Radius faceplate - hook lock only W 25 x H 197mm 52FP228 Radius faceplate with weather strip W 25 x H 197mm

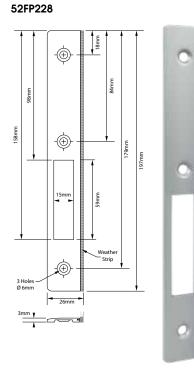
#### 52FP221 & 52FP222 (dimensions red)



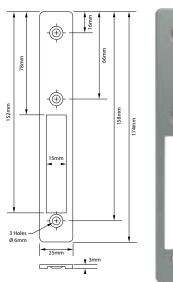


Code Description

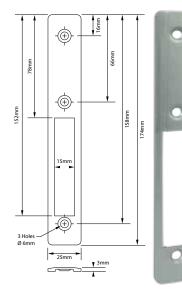
For use with Round Mortice Cylinder Deadlocks -			
Type 52185 page 9			
Flat faceplate	W 25 x H 174mm		
Radius faceplate	W 25 x H 174mm		
Radius faceplate with weather strip	W 25 x H 174mm		
	•		



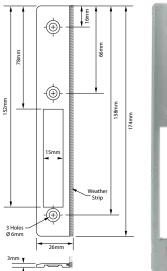
52FP1851



52FP1852



52FP1853





## Faceplates



#### Code Description

For use with Round Mortice Cylinder Deadlocks – Type 52182 page 8		
52FP1821 Flat faceplate	W 25 x H 174mm	
52FP1822 Radius faceplate	W 25 x H 174mm	
52FP1823 Radius faceplate with weather strip	W 25 x H 174mm	

#### 52FP1821

52FP4511

90m rr

104mm

2 Holes Ø 6mm

152mm



Code Description

For use with Europrofile Cylinder Deadlatches – Type 524510 page11 & Type 524570 page 12

52FP4511 Flat faceplate	W 25 x H 175mm
52FP4512 Radius faceplate	W 25 x H 175mm
52FP4513 Radius faceplate with v	weather strip W 25 x H 175mm

16mm

66mm

/eath Strip 158mm

74mm

#### 52FP1823

78mm

3 Holes Ø 6mm

3mm y

137mm

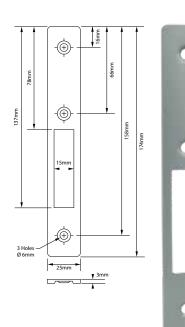
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15mm

Ð

26mm



16mn

63mm

7mm

158mm

175mm

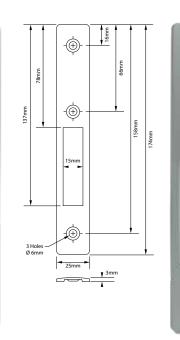
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15mm

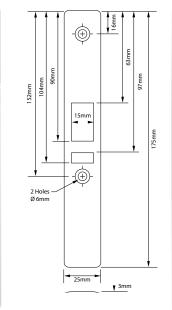
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✓ 25mm

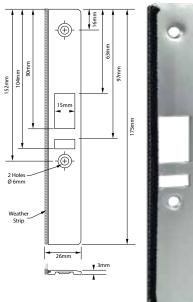
3mm



52FP4512



52FP4513



#### Faceplates

# handles

## Paddle Handles

#### Features

- Paddle handle for use with deadlatches
- Suit 44mm thick doors
- Extended spindle suits 67mm thick doors
- Cam plug non-handed. Reversible in the field

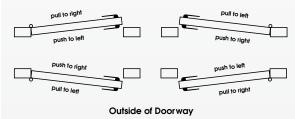
#### Functionality

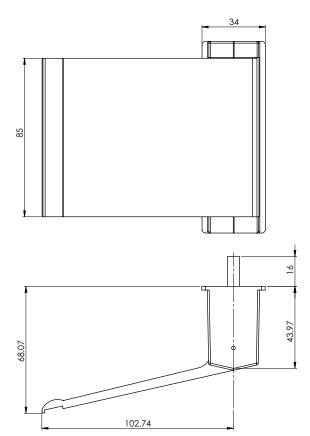
Designed to be ergonomically friendly and practical. Coming complete with cam plug enables the handles to be used in conjunction with the 524510 deadlatch range of locks.

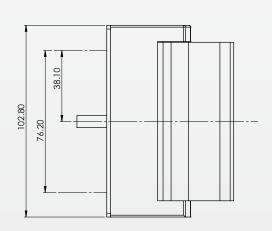
Description	For use with	Finish
		1 11 1131 1
Paddle handle complete with cam plug		
pull to left	4510	SAA
Paddle handle complete with extended		
cam plug pull and spindle pull to left	4510	SAA
Paddle handle complete with cam plug		
push to left	4510	SAA
Paddle handle complete with extended		
cam plug pull and spindle push to left	4510	SAA
Paddle handle complete with cam plug		
pull to right	4510	SAA
Paddle handle complete with extended		
cam plug pull and spindle pull to right	4510	SAA
Paddle handle complete with cam plug		
push to right	4510	SAA
Paddle handle complete with extended		
cam plug pull and spindle push to right	4510	SAA
	pull to leftPaddle handle complete with extended cam plug pull and spindle pull to leftPaddle handle complete with cam plug push to leftPaddle handle complete with extended cam plug pull and spindle push to leftPaddle handle complete with extended cam plug pull and spindle push to leftPaddle handle complete with cam plug pull to rightPaddle handle complete with cam plug pull to rightPaddle handle complete with extended cam plug pull and spindle pull to rightPaddle handle complete with cam plug push to rightPaddle handle complete with cam plug push to rightPaddle handle complete with extended	pull to left4510Paddle handle complete with extendedcam plug pull and spindle pull to left4510Paddle handle complete with cam plugpush to left4510Paddle handle complete with extendedcam plug pull and spindle push to left4510Paddle handle complete with extendedcam plug pull and spindle push to left4510Paddle handle complete with cam plugpull to right4510Paddle handle complete with extendedcam plug pull and spindle pull to right4510Paddle handle complete with cam plugpush to right4510Paddle handle complete with cam plug4510Paddle handle complete with cam plugpush to right4510



Inside of Doorway







14

# handles

## Lever Handles

#### Features

- Suit 44mm thick doors
- Extended spindle suits 67mm thick doors
- Cam plug non-handed. Reversible in the field
- Suitable for aluminium and steel doors

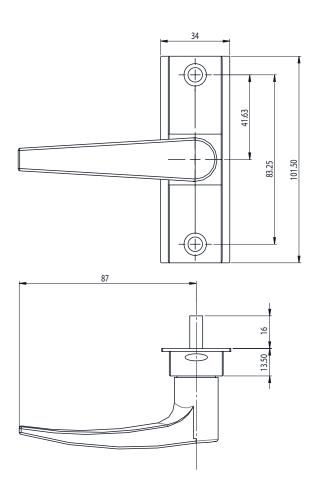
#### Functionality

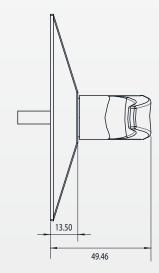
456 lever handles are designed to be ergonomically friendly and practical.

Coming complete with cam plug enables the lever handles to be used in conjunction with the 524510 deadlatch range of locks.

Lever handle complete with cam plug (R Lever handle complete with cam plug and spindle (RH)	-	SAA
1 1 0	4510	
and spindle (RH)	4510	
	4510	SAA
Lever handle complete with cam plug (L	H) 4510	SAA
Lever handle complete with cam plug		
and spindle (LH)	4510	SAA
Extended cam plug - RH		N/A
Extended cam plug - LH		N/A
Cam plug - LH		N/A
Cam plug - RH		N/A
	Lever handle complete with cam plug (L Lever handle complete with cam plug and spindle (LH) Extended cam plug - RH Extended cam plug - LH Cam plug - LH	Lever handle complete with cam plug (LH)4510Lever handle complete with cam plug and spindle (LH)4510Extended cam plug - RHExtended cam plug - LHCam plug - LHCam plug - LH









# notes

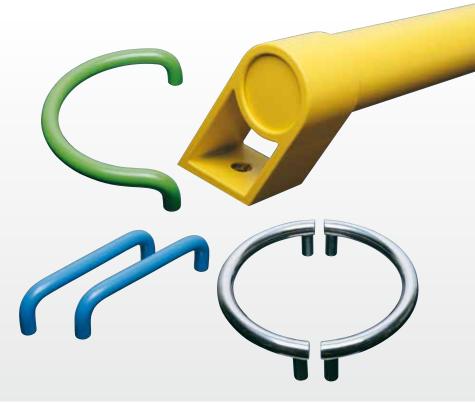


## other products

### **Door Handles**

Alpro door handles are bold and modern in appearance and practical in everyday use.

- Aluminium, timber and glass door applications
- Made from stainless steel and aluminium with powder and nylon coated versions to RAL colours
- Wide range of styles and finishes
- Many sizes available from stock or within a few days



## Access Control

Alpro also offer a comprehensive range of high quality, high security access control products to suit even the most demanding of situations.

The range includes:

- Electric Strikes
- Solenoid Bolts
- Deadlocking Bolts
- Infrared Proximity Switches
- Compact Shearlocks
- Vortex Magnets
- Cabinet Locks
- Waterproof Keypads
- Waterproof Exit Switches
- Interlock Controllers
- Power Supply Units



## Our difference...



We are a family owned company founded in 1938 to supply quality mechanical components. Today we serve a broad band of industry with a wide range of quality products.

These are manufactured by companies of international repute who are each specialists in their own field.

We are approved to BS EN ISO 9001:2008.

## We aim to provide the best in both products and service

- Experienced informative staff give fast, effective and friendly service.
- Technical support nationwide.
- Competitive and cost effective solutions.
- CAD design facility.
- Large stocks same day despatch Kanban and JIT deliveries.
- Modern technology combined with people.
- Listen, communicate no surprises!
- Think long term everlasting customers.



# alpro... the team that cares

Integrity • Expertise • Commitment

DHF

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