BOLOTA 304
STAINLESS STEEL RANGE

The Bolota 304 range is a ‘high quality’ product range of Architectural Ironmongery, tested to the most stringent industry regulations, providing reassurance in quality and standard.

Manufactured in grade 304 Stainless Steel, the Bolota 304 range offers over 25 designs (pages 6-30) of Grade 3 lever handles on a 7mm Threaded Sprung Rose in a variety of finishes.

On pages 34 and 35, you will see we have added our BS EN1906 Grade 4 lever handle Range which have a robust concealed fixing rose with special bolt-through fixing support lugs. These levers are ideal for projects where high-traffic and a robust quality is a requirement. We have also added levers on backplates. All lever designs shown are supported by a 10-year mechanical guarantee.

PRODUCT RANGES
The product ranges available to Acorn are quite simply vast which allows us to specify ranges and manufacture specials to meet the ongoing architectural and client needs. We source all our product ranges from some of the world’s largest manufacturing companies and we are continuously developing new product designs to offer our client base.

COMPANY
Acorn Architectural Ironmongery Ltd was established in 2002 and specialises in the specification and supply of high quality architectural ironmongery that is both functional and well crafted to complement the building design.

Our comprehensive and varied ranges allow the architect and contractor to specify the ironmongery from one source ensuring the project runs smoothly, with the correct products, on time and within budget.

All our Ironmongery is delivered to site by our own transport and all items are packed and clearly labelled in door sets at no extra charge.

Upon completion of every project, Acorn issue a fully detailed maintenance advice manual along with schedules, master key charts, certification and data sheets to assist the end user in the maintenance of the ironmongery supplied.
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Digit 1 - Category of Use
Grade 1: Medium frequency of use with a high incentive to exercise care and a small chance of misuse, e.g. internal residential doors;
Grade 2: Medium frequency of use by people with some incentive to exercise care but where there is some chance of misuse e.g. internal office doors;
Grade 3: High frequency of use by public or others with little incentive to exercise care and with a high chance of misuse, e.g. public office doors;
Grade 4: High frequency of use on doors which are subject to frequent violent use, e.g. football stadiums, oil rigs, barracks, public toilets, etc.

Digit 2 - Durability
Grade 6: Medium use - 100,000 cycles
Grade 7: High use - 200,000 cycles
The tests undertaken to achieve these grades involve the application of additional forces to the door furniture in order to stimulate the conditions of use likely to be experienced in the field.

Digit 3 - Test Door Mass
No requirement

Digit 4 - Fire Resistance
Grade 0: Not approved for use on fire/smoke door assemblies.
Grade 1: Suitable for use on fire/smoke door assemblies.
Note: A Grade 1 classification means only that the furniture has been designed for use on fire/smoke control doors; the actual fire performance achieved (e.g. fire integrity of 30 minutes on a partially glazed timber door etc.) will be contained in a separate fire test report.

Digit 5 - Safety
Grade 0: Normal use
Grade 1: Safety application - to qualify for this grade, handles must have high strength handle-to-plate and plate-to-door fixing and/or handle to spindle fixing, such that they would withstand a person grabbing in order to prevent falling. It is recommended that only Safety Grade 1 furniture is used at the top of cellar steps or other staircases.

Digit 6 - Corrosion Resistance
Grade 0: No defined corrosion resistance
Grade 1: Mild resistance - minimum requirement for internal use
Grade 2: Moderate resistance
Grade 3: High resistance - minimum requirement for external use
Grade 4: Very high resistance - recommended for use in exposed marine atmospheres or very polluted industrial environments.
Note: Products intended to develop a natural patina (such as bronze or brass) are not required to comply with any requirements.

Digit 7 - Security
Grade 0: Not approved for use on burglary resistant doors
Grade 1: Mild burglary resistance
Grade 2: Moderate burglary resistance
Grade 3: High burglary resistance
Grade 4: Extra high burglary resistance
Note: The main requirements include resistance to drilling, close fitting plates or escutcheons to help protect the lock and support the cylinder. They must be resistant to removal from the outside of the door and make provision to minimise the cylinder projection to a maximum of 3mm. Full details of the requirements can be found in BS EN 1906.

Digit 8 - Type of Operation
Type A: Spring assisted furniture
Type B: Spring loaded furniture
Type U: Unsprung furniture
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<td>Suitable for use in educational environments.</td>
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<td><strong>DOMESTIC</strong></td>
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<td>BS EN 1906 is the British/European standard requirements and testing methods covering lever handles and knob furniture.</td>
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<td>The UK Construction Products Regulations require that door hardware for use on fire doors be CE marked.</td>
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<td>Products are designed to assist in complying with the requirements of BS8300 in dimension &amp; performance.</td>
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AB40-01

Stainless Steel Safety Lever on Sprung Rose

**SPECIFICATION**
- Lever handle length 141mm, Ø19mm
- Lever projection 65mm
- Rose Ø52mm x 7mm
- Sprung, Threaded Concealed Rose
- Complies with the dimensional requirements of BS8300

**FINISH**
- Satin Stainless Steel
- Polished Stainless Steel

**VARIATION – PUSH-ON COVERS**

**AB40-601** Safety Lever with 6mm Push-on Sprung Rose

**AB40-701** Safety Lever with 4mm Push-on Un-sprung Rose

**AB40-801** Safety Lever with 8mm Push-on Sprung Rose

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-02
Stainless Steel Straight Lever on Sprung Rose

SPECIFICATION
• Lever handle length 133mm, Ø19mm
• Lever projection 65mm
• Rose Ø52mm x 7mm
• Sprung, Threaded Concealed Rose

FINISH
• Satin Stainless Steel
• Polished Stainless Steel

VARIATION – PUSH-ON COVERS
AB40-702 Straight Lever with 4mm Push-on Un-sprung Rose
AB40-802 Straight Lever with 8mm Push-on Sprung Rose

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-03
Stainless Steel Flat Section Lever on Sprung Rose

SPECIFICATION
• Lever handle length 133mm
• Lever projection 71mm
• Rose Ø52mm x 7mm
• Sprung, Threaded Concealed Rose

FINISH
• Satin Stainless Steel

VARIATION – PUSH-ON COVERS
AB40-803 Flat Section Safety Lever with 8mm Push-on Sprung Rose

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-04
Stainless Steel Curved Lever on Sprung Rose

SPECIFICATION
• Lever handle length 133mm, Ø19mm
• Lever projection 65mm
• Rose Ø52mm x 7mm
• Sprung, Threaded Concealed Rose
• Complies with the dimensional requirements of BS8300

FINISH
• Satin Stainless Steel

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-05
Stainless Steel Flat Lever on Sprung Rose

SPECIFICATION
• Lever handle length 128mm
• Lever projection 60mm
• Rose Ø52mm x 7mm
• Sprung, Threaded Concealed Rose

FINISH
• Satin Stainless Steel

VARIATION – PUSH-ON COVERS
AB40-805 Flat Lever with 8mm Push-on Sprung Rose

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-06
Stainless Steel Solid Lever on Sprung Rose

**SPECIFICATION**
- Lever handle length 127mm, Ø22mm
- Lever projection 59mm
- Rose Ø52mm x 7mm
- Sprung, Threaded Concealed Rose

**FINISH**
- Satin Stainless Steel

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-07
Stainless Steel Designer Lever on Sprung Rose

**SPECIFICATION**
- Lever handle length 125mm, Ø22mm
- Lever projection 57mm
- Rose Ø52mm x 7mm
- Sprung, Threaded Concealed Rose
- Complies with the dimensional requirements of BS8300

**FINISH**
- Satin Stainless Steel

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.

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**DOMESTIC**
**COMMERCIAL**
**INDUSTRIAL**
**GRADE 304**
**BS EN 1906**
**FD30/60**
**GUARANTEE**
**BS8300**
AB40-08
Stainless Steel Arched Lever on Sprung Rose

SPECIFICATION
• Lever handle length 128mm, Ø19mm
• Lever projection 65mm
• Rose Ø52mm x 7mm
• Sprung, Threaded Concealed Rose

FINISH
• Satin Stainless Steel
• Polished Stainless Steel

VARIATION – PUSH-ON COVERS
AB40-608 Arched Lever with 6mm Push-on Sprung Rose
AB40-708 Arched Lever with 4mm Push-on Un-sprung Rose
AB40-808 Arched Lever with 8mm Push-on Sprung Rose

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-09
Stainless Steel Designer Lever on Sprung Rose

**SPECIFICATION**
- Lever handle length 127mm
- Lever projection 64mm
- Rose Ø52mm x 7mm
- Sprung, Threaded Concealed Rose

**FINISH**
- Satin Stainless Steel

**VARIATION – PUSH-ON COVERS**
- **AB40-604** Designer Lever with 6mm Push-on Sprung Rose
- **AB40-704** Designer Lever with 4mm Push-on Un-sprung Rose
- **AB40-804** Designer Lever with 8mm Push-on Sprung Rose

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
**AB40-10**

Stainless Steel Designer Lever on Sprung Rose

**SPECIFICATION**
- Lever handle length 124mm
- Lever projection 62mm
- Rose Ø52mm x 7mm
- Sprung, Threaded Concealed Rose

**FINISH**
- Satin Stainless Steel

**VARIATION – PUSH-ON COVERS**
- **AB40-605** Designer Lever with 6mm Push-on Sprung Rose
- **AB40-805** Designer Lever with 8mm Push-on Sprung Rose

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-11
Stainless Steel Solid Designer Lever on Sprung Rose

SPECIFICATION
- Lever handle length 120mm
- Lever projection 57mm
- Rose Ø52mm x 7mm
- Sprung, Threaded Concealed Rose

FINISH
- Satin Stainless Steel

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-12
Stainless Steel Solid Designer Lever on Sprung Rose

**SPECIFICATION**
- Lever handle length 128mm
- Lever projection 66mm
- Rose Ø52mm x 7mm
- Sprung, Threaded Concealed Rose

**FINISH**
- Satin Stainless Steel

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-13
Stainless Steel Solid Flat Designer Lever on Sprung Rose

SPECIFICATION
• Lever handle length 122mm
• Lever projection 72mm
• Rose Ø52mm x 7mm
• Sprung, Threaded Concealed Rose

FINISH
• Satin Stainless Steel

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-14

Stainless Steel Designer Lever on Sprung Rose

SPECIFICATION
- Lever handle length 135mm
- Lever projection 67mm
- Rose Ø52mm x 7mm
- Sprung, Threaded Concealed Rose
- Complies with the dimensional requirements of BS8300

FINISH
- Satin Stainless Steel
- Polished Stainless Steel

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-15
Stainless Steel Designer Lever on Sprung Rose

SPECIFICATION
- Lever handle length 127mm
- Lever projection 62mm
- Rose Ø52mm x 7mm
- Sprung, Threaded Concealed Rose

FINISH
- Satin Stainless Steel

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-16

Stainless Steel Designer Lever on Sprung Rose

**SPECIFICATION**
- Lever handle length 135mm
- Lever projection 65mm
- Rose Ø52mm x 7mm
- Sprung, Threaded Concealed Rose

**FINISH**
- Satin Stainless Steel

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-17
Stainless Steel Dual-Finish
Designer Lever on Sprung Rose

SPECIFICATION
- Lever handle length 133mm, Ø19mm
- Lever projection 60mm
- Rose Ø52mm x 7mm
- Sprung, Threaded Concealed Rose

FINISH
- Dual Finish Stainless Steel

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-18
Stainless Steel Dual-Finish Designer Lever on Sprung Rose

**SPECIFICATION**
- Lever handle length 133mm, Ø19mm
- Lever projection 60mm
- Rose Ø52mm x 7mm
- Sprung, Threaded Concealed Rose

**FINISH**
- Dual Finish Stainless Steel

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-19

Stainless Steel Dual-Finish Designer Lever on Sprung Rose

**SPECIFICATION**
- Lever handle length 140mm, Ø19mm
- Lever projection 65mm
- Rose Ø52mm x 7mm
- Sprung, Threaded Concealed Rose

**FINISH**
- Dual Finish Stainless Steel

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-20

Stainless Steel Mitred Lever on Sprung Rose

SPECIFICATION
- Lever handle length 128mm, Ø19mm
- Lever projection 65mm
- Rose Ø52mm x 7mm
- Sprung, Threaded Concealed Rose

FINISH
- Dual Finish Stainless Steel
- Satin Stainless Steel
- Polished Stainless Steel

VARIATION – PUSH-ON COVERS
AB40-602 Mitred Lever with 6mm Push-on Sprung Rose
AB40-702 Mitred Lever with 4mm Push-on Un-sprung Rose
AB40-802 Mitred Lever with 8mm Push-on Sprung Rose

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-21
Stainless Steel T-Bar Lever on Sprung Rose

**SPECIFICATION**
- Lever handle length 137mm, Ø19mm
- Lever projection 65mm
- Rose Ø52mm x 7mm
- Sprung, Threaded Concealed Rose

**FINISH**
- Dual Finish Stainless Steel
- Satin Stainless Steel

**VARIATION – PUSH-ON COVERS**
- **AB40-603** T-Bar Lever with 6mm Push-on Sprung Rose
- **AB40-702** T-Bar Lever with 4mm Push-on Un-sprung Rose
- **AB40-802** T-Bar Lever with 8mm Push-on Sprung Rose

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-22
Stainless Steel Oval T-Bar Lever on Sprung Rose

SPECIFICATION
• Lever handle length 137mm
• Lever projection 65mm
• Rose Ø52mm x 7mm
• Sprung, Threaded Concealed Rose

FINISH
• Satin Stainless Steel

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-23
Stainless Steel Dual-Finish Solid Designer Lever on Sprung Rose

SPECIFICATION
- Lever handle length 135mm, Ø19mm
- Lever projection 62mm
- Rose Ø52mm x 7mm
- Sprung, Threaded Concealed Rose

FINISH
- Dual Finish Stainless Steel

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-24
Stainless Steel Dual-Finish Solid Designer Lever on Sprung Rose

SPECIFICATION
- Lever handle length 134mm, Ø19mm
- Lever projection 54mm
- Rose Ø52mm x 7mm
- Sprung, Threaded Concealed Rose

FINISH
- Dual Finish Stainless Steel

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
AB40-25

Stainless Steel Carbon Fibre Lever on Sprung Rose

**SPECIFICATION**
- Lever handle length 125mm, Ø20mm
- Lever projection 66mm
- Rose Ø52mm x 7mm
- Sprung, Threaded Concealed Rose

**FINISH**
- Satin Stainless Steel with Carbon Fibre Effect Handle

Category of use Grade 3, EN1906 for use on fire-rated and smoke protection doors.
**ESCUTCHEONS**

**SPECIFICATION**
- Rose Ø52mm x 7mm
- Concealed fixings
- G304 Stainless Steel
- 2-Part threaded escutcheons

**FINISH**
- Satin Stainless Steel
- Polished Stainless Steel
- Dual Finish Stainless Steel

**PRODUCT CODES**
- AB41-01  Euro
- AB41-02  Keyhole
- AB41-03  Blank

**VARIATION – PUSH-ON COVERS**
- AB41-601  6mm Euro Escutcheon
- AB41-701  4mm Euro Escutcheon
- AB41-801  8mm Euro Escutcheon
- AB41-602  6mm Keyhole Escutcheon
- AB41-702  4mm Keyhole Escutcheon
- AB41-802  8mm Keyhole Escutcheon
- AB41-603  6mm Blank Escutcheon
- AB41-703  4mm Blank Escutcheon
- AB41-803  8mm Blank Escutcheon
**BATHROOM TURN & RELEASE SETS**

**SPECIFICATION**
- Rose Ø52mm x 7mm
- Concealed fixings
- G304 stainless steel
- 2-Part threaded escutcheons

**FINISH**
- Satin Stainless Steel
- Polished Stainless Steel
- Dual Finish Stainless Steel

**PRODUCT CODES**
- **AB41-05** Without indicator
- **AB41-06** With indicator

**VARIATION - PUSH-ON COVERS**
- **AB41-606** 6mm Bathroom Turn & Release (with & without indicator)
- **AB41-706** 4mm Bathroom Turn & Release (with indicator)
- **AB41-806** 8mm Bathroom Turn & Release (with & without indicator)
ACCESSIBLE LARGE TURN & RELEASE SET

SPECIFICATION
- Lever handle length 60mm, Ø10mm
- Lever projection 37mm
- Rose Ø52mm x 7mm
- Concealed fixings
- G304 Stainless Steel
- 2-Part threaded escutcheons

FINISH
- Satin Stainless Steel
- Polished Stainless Steel
- Dual Finish Stainless Steel

PRODUCT CODE
AB41-07

VARIATION - PUSH-ON COVERS
AB41-607 6mm Accessible Large Turn & Release (with & without indicator)
AB41-707 4mm Accessible Large Turn & Release (with indicator)
AB41-807 8mm Accessible Large Turn & Release (with & without indicator)
AB40-81

SPECIFICATION
- Safety lever handle length 140mm
- 8mm sprung concealed fixed rose
- Steel mountings with back-to-back fixing support lugs and bolts
- Escutcheons supplied in pairs
- Suitable for doors 38 - 56mm thick
- Complies with the dimensional requirements of BS8300

FINISH
- Satin Anodised Aluminium
- Satin Stainless Steel

ESCUTCHEONS & BATHROOM TURN
- AB41-81 - 54x8mm Euro Escutcheon
- AB41-83 - 54x8mm Blank Escutcheon
- AB41-86 - Accessible Large Turn & Release Set

Category of use Grade 4, EN1906 for use on fire-rated and smoke protection doors.
AB40-89

SPECIFICATION
- Grade 4 lever handle
- Lever handle length 135mm
- 8mm sprung concealed fixed rose
- Steel mountings with back-to-back fixing support lugs and bolts
- Escutcheons supplied in pairs
- Suitable for doors 38 - 56mm thick
- Complies with the dimensional requirements of BS8300

FINISH
- Satin Anodised Aluminium
- Satin Stainless Steel

ESCUTCHEONS & BATHROOM TURN
- AB41-81 - 54x8mm Euro Escutcheon
- AB41-83 - 54x8mm Blank Escutcheon
- AB41-86 - Accessible Large Turn & Release Set

Category of use Grade 4, EN1906 for use on fire-rated and smoke protection doors.
AB40P-03

SPECIFICATION
- Lever handle length 135mm, Ø19mm
- Lever projection 74mm
- Sprung, Concealed Backplate
- Euro back plates 72mm centres
- Bathroom back plates 78mm centres
- Grade 316
- Complies with the dimensional requirements of BS8300

FINISH
- Satin Stainless Steel
- Polished Stainless Steel

VARIATION
AB40P-01 Latch Plates
AB40P-02 Lever Lock Plates
AB40P-03 Euro Profile Plates - (72mm c/c)
AB40P-04 Bathroom Plates - Standard Turn
AB40P-05 Bathroom Plates - Large Accessible Turn
AB40-170

**SPECIFICATION**
- Safety lever handle on 170 x 170mm back plate
- Safety lever handle length 140mm
- 22mm diameter (19mm diameter to order)
- Un-sprung 2mm backplates
- Supplied with bolt-through fixing packs
- Suitable for doors 44-54mm thick
- Fixing pack for doors 54-65mm thick Code AB40-170-65
- EN1906 Grade 4 & EN1670 Grade 3
- Grade 304 Stainless Steel
- Complies with the dimensional requirements of BS8300

**VARIATION**
- Lever handles on 150 x 150mm plates – Code AB40-150

**FINISH**
- Satin Stainless Steel

**PRODUCT CODE**
- **AB40-170** Euro Profile 72mm centres
- **AB70-171** Latch
- **AB70-172** Bathroom 78mm centres (Bathroom levers are handed)
STRAIGHT PULL HANDLE

SPECIFICATION
- 19mm diameter
- 22mm and 25mm diameters available
- Grade 304
- Bolt-through fixing as standard to suit doors up to 54mm thick.
- Rose fixings if required code: AB50-1.9A
- Back-to-back fixing code: AB50-1.1A

FINISH
- Satin Stainless Steel
- Polished Stainless Steel

PRODUCT CODES
- AB50-01 150mm long*
- AB50-02 225mm long*
- AB50-03 300mm long
- AB50-04 425mm long
- AB50-05 450mm long
- AB50-06 600mm long
- AB50-07 650mm long
* Does not conform to BS8300.

FIXING OPTIONS
- Back-to-Back
- Bolt-Through
- Concealed Rose
- Cover Cap
T-BAR PULL HANDLE

**SPECIFICATION**
- 19mm diameter
- 25mm and 32mm diameters available
- Grade 304
- Bolt-through fixing as standard
- Back-to-back fixing code: AB50-1.1A
- Cranked version available

**FINISH**
- Satin Stainless Steel
- Polished Stainless Steel

**PRODUCT CODES**
- AB55-01 300mm centres*
- AB55-02 425mm centres
- AB55-03 600mm centres
- AB55-04 1000mm centres
- AB55-05 1200mm centres
- AB55-06 1500mm centres
- AB55-07 1800mm centres

* Not available in 32mm diameter.

**FIXING OPTIONS**
- Back-to-Back
- Bolt-Through
- Concealed Rose
- Cover Cap
MITRED PULL HANDLE

SPECIFICATION

- 19mm diameter
- 25mm and 32mm diameters available
- Grade 304
- Bolt-through fixing as standard to suit doors up to 54mm thick.
- Rose fixings if required code: AB50-1.9A
- Back-to-back fixing code: AB50-11A

FINISH

- Satin Stainless Steel
- Polished Stainless Steel

PRODUCT CODES

- AB51-01 225mm long
- AB51-02 300mm long
- AB51-03 400mm long
- AB51-04 425mm long
- AB51-05 600mm long
- AB51-06 650mm long
- AB51-07 900mm long
- AB51-08 1000mm long
- AB51-09 1200mm long

FIXING OPTIONS

- Back-to-Back
- Bolt-Through
- Concealed Rose
- Cover Cap
CRANKED PULL HANDLE

SPECIFICATION
- 19mm diameter
- 22mm and 25mm diameters available
- Grade 304
- Bolt-through fixing as standard
- Back-to-back fixing code: AB50-1.1A

FINISH
- Satin Stainless Steel
- Polished Stainless Steel

PRODUCT CODES
- AB54-03 300mm centres
- AB54-05 425mm centres
- AB54-06 600mm centres
- AB54-08 900mm centres
- AB54-10 200mm centres

FIXING OPTIONS
- Back-to-Back
- Bolt-Through
- Concealed Rose
- Cover Cap

EDUCATION  COMMERCIAL  INDUSTRIAL  GRADE 304  BS EN 1906  FD30/60  GUARANTEE  BS8300
PUSH PLATES & KICKING PLATES

SPECIFICATION
- Radius corners as standard
- 1.5mm thick as standard other thicknesses available up to 3mm
- Drilled and countersunk
- Engraved ‘Push’ code: AB71
- Engraved ‘Pull’ code: AB72
- Other sizes to order
- Self-adhesive available to order
- Bolt holes and cylinder cut-outs available to order

FINISH
- Satin Stainless Steel
- Polished Stainless Steel

PRODUCT CODES
AB70-01 375 x 75mm
AB70-02 500 x 75mm
AB70-03 700 x 75mm
AB70-04 375 x 100mm
AB70-05 500 x 100mm
AB70-06 700 x 100mm
AB70-07 900 x 100mm
AB70-08 1000 x 100mm
AB70-09 1200 x 100mm
AB70-10 Bespoke Size
AB70-00 Kicking Plates
BOLOTA 304
STAINLESS STEEL RANGE

SIGNAGE

DISC SPECIFICATION
- 76mm Diameter
- 1.5mm thick as standard
- Drilled and countersunk
- Grade 304
- Self-adhesive available to order

FINISH
- Satin Stainless Steel
- Polished Stainless Steel

PRODUCT CODES - DISC
AB81-01 Fire Door Keep Shut
AB81-02 Fire Door Keep Locked
AB81-03 Automatic Fire Door Keep Clear
AB81-04 Male Pictogram
AB81-05 Female Pictogram
AB81-06 Accessible Toilet Pictogram
AB81-07 Unisex Pictogram
AB81-08 Baby Change Pictogram
AB81-09 Shower Pictogram
AB81-10 Push
AB81-11 Pull
AB81-12 Mop & Bucket Pictogram
AB81-13 Gender Neutral Pictogram

LOLLIPOP SPECIFICATION
- 150 x 13mm (AFDKC 175x13mm)
- 1.6mm thick engraved laminate
- Blue background, white text
- Helvetica 1 Line font
- Self-adhesive

PRODUCT CODES - LOLLIPOP
AB81-41 Fire Door Keep Shut
AB81-42 Fire Door Keep Locked
AB81-43 Automatic Fire Door Keep Clear
EUROPEAN CYLINDER LOCK CASE RANGE
SINGLE THROW

SPECIFICATION
• CE marked - Certificate 1121-CPD-AG0070
• Conforms to EN12209
• Meets the recommendations of BS8300
• 60mm backset
• 72mm centres (Bathroom 78mm centres)
• 20mm projection single throw deadbolt
• Durable easy latch technology.
• Quick reversible latch action
• Square or radius forend and strike plates
• Supplied with plastic box strikes
• Pierced to accept bolt-through fixings
• Suitable for sprung and most unsprung lever furniture
• Suitable for 30, 60, 90 and 120 minute Timber Fire Doors
• 13mm or 25mm rebates available
• Grade 316 forend and strikes plates available to special order

FINISH
• Satin Stainless Steel
• Polished Stainless Steel

PRODUCT CODES
AB90-01  Euro Sashlock Case
AB90-02  Euro Deadlock Case
AB90-03  Bathroom Lock Case
AB90-04  Latch Case
AB90-05  Euro Nightlatch Case
AB90-06  Euro Escape Sashlock Case
AB90-INT  Intumescent Lock Pack
EUROPEAN CYLINDER LOCK CASE RANGE
DOUBLE THROW

SPECIFICATION
• CE marked
• Conforms to EN 12209
• 60mm backset & 72mm centres in line with guidance of BS8300 (Bathroom 78mm centres)
• Quick reversible latch action
• Double throw cylinder action
• Square or radius forend & strike plates
• Pierced to accept bolt-through lever handles and escutcheons
• Suitable for sprung lever furniture
• Supplied with black plastic box strikes as standard
• 13mm or 25mm rebates available – Code: AB30-13 or 25

FINISH
• Satin Stainless Steel
• Polished Stainless Steel

PRODUCT CODES
AB30-01 Euro Sashlock Case
AB30-02 Euro Deadlock Case
AB30-03 Bathroom Lock Case
AB30-04 Latch Case
AB30-05 Euro Nightlatch Case
AB30-06 Euro Escape Sashlock Case
AB30-INT Intumescent Lock Pack
TUBULAR LATCH AND DEADBOLT

SPECIFICATION
- Certifire
- Conforms to EN 12209
- 44 and 57mm backset
- Quick reversible latch action
- Square or radius forend & strike plates
- Suitable for bolt-through fixing lever handles
- Suitable for sprung lever furniture
- Plastic box strike plates
- 8mm followers
- 13mm rebates available – Code AB31-13

FINISH
- Satin Stainless Steel
- Polished Stainless Steel

PRODUCT CODES
- AB31-01 63mm Tubular Latch
- AB31-02 76mm Tubular Latch
- AB31-03 76mm Bathroom Deadbolt
- AB31-INT Intumescent Latch/Deadbolt Pack
BATHROOM LOCKS

SPECIFICATION
- Certifire
- Conforms to EN 12209
- 44 and 57mm backset
- Quick reversible latch action
- Square or radius forend & strike plates
- Suitable for bolt-through fixing lever handles
- Suitable for sprung lever furniture
- Supplied with plastic box strike plates

FINISH
- Satin Stainless Steel
- Polished Stainless Steel

PRODUCT USE
- Superior Residential
- Education
- Office - Commercial
- Industrial

PRODUCT CODES
AB32-01 63mm Bathroom Lock
AB32-02 76mm Bathroom Lock
SMALL CASE CYLINDER DEADLOCK

SPECIFICATION
- CE marked
- Conforms to EN 12209
- 57mm backset – AB30-50
- 45mm backset – AB30-51
- Square or radius forend and strikes
- Supplied with heavy duty box strike plate
- Suitable for bolt-through fixing escutcheons and cylinder pulls
- Conforms to BS3621 when supplied with security escutcheons and cylinders it was originally tested with
- Hardened steel deadbolt

FINISH
- Satin Stainless Steel
- Polished Stainless Steel

PRODUCT CODES
- AB30-50 76mm Euro Profile Deadlock
- AB30-51 63mm Euro Profile Deadlock
- AB30-INT Intumescent Lock Pack
ACCESSIBLE TOILET LOCK SET

SPECIFICATION
- 19mm diameter un-sprung lever handle, complies with the dimensional requirements of BS8300
- Roller bolt lock with adjustable roller latch
- Push-on rose sets
- Available square or radius forends and strike plates
- 90mm lock case with 72mm centres and 60mm backset (55mm backset available to order)
- Suitable for doors 35-54mm thick
- Bolt-through fixings included
- Tested to 200,000 cycles
- Grade 304
- Double action strike plates for double action doors available to order.
- Braille signage available to order

FINISH
- Satin Stainless Steel

PRODUCT CODE
AB32-30AL

The AB32-30AL Accessible Toilet Lock is designed to comply with Part M and BS8300. This accessible toilet lock operates from the outside with a safety lever handle to release the roller latch bolt and has a red/white indicator and emergency coin release. The outside operation is no different to any other bathroom lock.

The inside 19mm diameter safety lever handle, when pressed down, releases the roller bolt and when lifted, throws the dead bolt to lock the door as illustrated. It also comes with a sign which reads ‘Lift Handle to Lock’.

The Accessible Toilet Lock comes as a complete set as shown.
EURO PROFILE CYLINDERS

SPECIFICATION
- 6 pin security restricted profile
- Patented until 2032
- Medium to high security applications
- EN1303 Grade 6 security & durability
- Drill and pick protected
- Comprehensive range of cylinder sizes available (standard sizes stated)
- Sophisticated master keying capability
- Classroom function available
- Anti-barricade function available
- Construction keying available
- Large Accessible Turn available
- Supplied 2 keyed as standard
- Comprehensive range of offset cylinder sizes available to suit most applications (standard sizes stated)

FINISH
- Satin Nickel Plated
- Polished Nickel Plated

PRODUCT CODES
- **AB15-01ET**: 40 & 45mm Single Cylinder
- **AB15-02ET**: 60 & 70 mm Cylinder & Turn
- **AB15-03ET**: 60 & 70mm Double Cylinder
- **AB15-04ET**: Rim Cylinder
- **AB15-15ET**: Master Keys
OVERHEAD DOOR CLOSERS

SPECIFICATION
• Fully compliant with EN1154 & EN1634
• CE marked in all applications
• Capable of meeting BS8300 requirements
• Quick installation and no visible fixings
• Fully adjustable for closing speed, latch action and backcheck.
• Radius or square cover options
• Electro-magnetic closer (AB21-01/2) suitable for doors up to 1100mm wide and 80kg
• AB21-02AS has a unique anti-slam, finger protection and drift resistance function - ideal for hospitals and care homes.

FINISH
• Silver Sprayed (SES)
• Satin Stainless Steel
• Polished Stainless Steel

PRODUCT CODES
AB20-01  EN 2-4 Door Closer with Backcheck
AB20-02  EN 2-6 Door Closer with Backcheck
AB20-03  EN 2-5 Door Closer with Backcheck
AB20-03DA EN2-5 Door Closer with Delayed Action
AB21-01  EN 4 Electro-magnetic Hold Open Door Closer
AB21-02  EN 4 Electro-magnetic Free Swing Door Closer
AB21-02AS EN 4 Electro-magnetic Free Swing Door Closer with Anti-Slam, Finger Protection Function
CAM ACTION DOOR CLOSERS

SPECIFICATION
- Track arm closer
- Fully compliant with EN1154
- CE marked in all applications
- Simple installation instructions
- Capable of meeting BS8300 requirements
- Closer cover secured by spring clips for quick installation and no visible fixings
- Fully adjustable for closing speed, latch action and backcheck.
- Radius or square cover options
- Push or pull side application
- Optional cushion stop - AB20-06CS

FINISH
- Silver Sprayed (SES)
- Satin Stainless Steel
- Polished Stainless Steel

PRODUCT CODES
- **AB20-04** EN 2-4 Cam Action Door Closer with Backcheck
- **AB20-05** EN 2-5 Cam Action Door Closer with Backcheck and Delayed Action
- **AB21-03** EN 3-5 Electro-magnetic Hold Open Door Closer
CAM ACTION CONCEALED DOOR CLOSERS

SPECIFICATION
• CE marked & EN1154 compliant
• Fire tested to EN1634-1 timber doors
• High performance cam action technology
• Adjustable closing power, speed and latching action
• Suitable for doors 44mm (FD30) and 54mm (FD60) with intumescent gasket
• Suitable for doors 850 - 1400mm wide and 80 - 120Kg
• Needle roller bearings provide increased bearing load for efficient operation and improved reliability
• Maximum angle of opening 120°
• Due to door and frame detail, this closer is recommended for factory door preparations
• FD30/60 Intumescent pack - AB20-06IP
• Optional cushion stop - AB20-06CS
• Optional hold open kit - AB20-06HO (AB20-06HO not suitable for use on fire doors)

FINISH
• Silver Sprayed (SES)
• Satin Stainless Steel
• Polished Stainless Steel

PRODUCT CODES
AB20-06  EN 2-4 Concealed Door Closer
AB20-07  EN 3-6 Concealed Door Closer
FLOOR SPRINGS

SPECIFICATION
• Suitable for single or double action doors
• Low profile 40-54mm deep cement boxes
• Full adjustment of the mechanism for correct door alignment
• Adjustable closing speed, closing force and latching action
• Suitable for door weight up to 150kg - fixed power size units
• Suitable for door weight up to 300kg - adjustable power units
• CE marked
• Fully compliant to EN1154 & EN1155

FINISH
• Satin Stainless Steel
• Polished Stainless Steel

PRODUCT CODES:
AB20-10  EN Size 3 Floor Spring Unit
AB20-12  EN Size 4 Floor Spring Unit
AB20-14  EN Size 1-4 Adjustable Power Floor Spring with Back Check
AB20-16  EN Size 3-6 Adjustable Power Floor Spring with Back Check and Delayed Action
AB20-17  EN Size 3-6 Adjustable Power Floor Spring - Electromagnetic Hold Open
AB20-20  Double Action Accessory Pack
AB20-22  Single Action Accessory Pack
AB20-24  Suspension Box
AB20-26  Extended Spindles 5 - 50mm
AB20-27  Intumescent Packs
ELECTROMAGNETIC
DOOR HOLDERS

SPECIFICATION
• Electromagnetic hold open units
• Linked to fire alarms and smoke detectors
• CE marked to EN1155
• Fire tested to EN1634 for timber doors
• Built-in release button
• Size (wall mounted) 95 x 87 x 46mm – AB22-01
• Size (wall mounted) 86 x 86 x 36mm – AB22-02
• Flush or surface mounted
• Floor mounting bracket available
• 2-year guarantee

FINISH
• Silver Sprayed (SES)
• Satin Stainless Steel
• Polished Stainless Steel
• White (WHT)

PRODUCT CODES
AB22-01 Electromagnetic Contract Wall Door Holder (White)
AB22-02 Electromagnetic Commercial Wall Door Holder (Metal)
BALL BEARING HINGES

SPECIFICATION
• CE marked
• BS EN1935 Grade 7 and 13
• Square or radius corners
• Grade 304
• Intumescent hinge pads – Code: AB10-HP

FINISH
• Satin Stainless Steel
• Polished Stainless Steel

PRODUCT CODES
AB10-01 102 x 76 x 3mm (Grade 13)
AB10-02 102 x 102 x 3mm (Grade 13)
AB10-03 76 x 67 x 2.5mm (Grade 11)
AB10-04 76 x 51 x 2mm (Grade 7)
THRUST AND CONCEALED BEARING HINGES

SPECIFICATION
• CE marked
• BS EN1935 Grade 13 and 14
• Square or radius corners
• Intumescent hinge pads – Code: AB10-HP

FINISH
• Satin Stainless Steel
• Polished Stainless Steel

PRODUCT CODES
AB10-05 102 x 76 x 3mm (Grade 13)
AB10-06 102 x 89 x 3mm (Grade 13)
AB10-07 102 x 102 x 3mm (Grade 13)
AB10-08 125 x 102 x 3mm (Grade 13)
AB10-09 102 x 76 x 3mm (Grade 14)
DOOR Stops

FINISH
- Satin Stainless Steel
- Polished Stainless Steel

PRODUCT CODES

- **AB61-01**: 78 x 29mm Large Floor Mounted Door Stop
- **AB61-02**: 44 x 24mm Oval Floor Door Stop
- **AB61-03**: 40 x 30mm Pedestal Door Stop
- **AB61-03H**: 40 x 38mm Pedestal Door Stop – Heavy Duty
- **AB61-04**: 91mm Projection Wall Door Stop on Rose
- **AB61-05**: 73mm Projection Wall Door Stop
- **AB61-06**: 76mm Projection Wall Door Stop on Rose
- **AB61-06M**: 75mm Projection Sprung Wall Door Stop
- **AB61-07**: 102mm Projection Wall Door Stop on Rose
- **AB61-10**: 55mm Dia x 25mm Projection Wall/Door Buffer
FLUSH AND CYLINDER PULLS

SPECIFICATION
• Grade 304

FINISH
• Satin Stainless Steel
• Polished Stainless Steel

PRODUCT CODES
AB55-01 100 x 50mm Flush Pull
AB55-02 90mm Diameter Flush Pull
AB55-05 120 x 40mm Flush Pull
Also available:
150 x 50mm (AB55-06)
250 x 50mm (AB55-07)
AB55-08 150 x 75mm Flush Pull - Face Fixed
AB55-03 78 x 44mm Euro Cylinder Pull - Face Fixed
AB55-04 85 x 50mm Academy Euro Cylinder Pull - Bolt Through Fixings (Grade 316)
DOOR BOLTS

FINISHES
- Satin Stainless Steel - Grade 304
- Polished Stainless Steel - Grade 304
- Satin Chrome Plated (SCP)
- Polished Chrome Plated (PCP)
- Satin Anodised Aluminium (SAA)
- Satin Nickel Plated (SNP)

LEVER ACTION FLUSH BOLTS
AB60-01 150 x 20mm
AB60-02 200 x 20mm
AB60-03 305 x 20mm
AB60-04 450 x 20mm
AB60-05 609 x 20mm
AB60-06 904 x 20mm

KNOB SLIDE DOOR BOLTS (SCP, PCP & SNP ONLY)
AB60-07 102 x 35mm
AB60-08 150 x 35mm
AB60-09 202 x 35mm
AB60-10 254 x 35mm

SURFACE MOUNTED LEVER ACTION BOLTS (SSS Only)
AB60-11 200 x 20mm
AB60-12 300 x 20mm
AB60-13 600 x 20mm
(Supplied with flat keep)

SOCKETS
AB60-15 Easy Clean Floor Socket
AB60-20 Dust Excluding Socket (Wood)
AB60-21 Dust Excluding Socket (Concrete)
AB60-22 Flush Door Strike

INTUMESCENT
AB60-INT Flush Bolt Intumescent Pack
PIVOT AND EMERGENCY RELEASE DOOR STOP

SPECIFICATION
• Stainless Steel construction
• Phosphor Bronze thrust bearing
• Square or radius corners
• Maximum door weight: 80Kg
• Radius version available – Code: AB10-100R

FINISH
• Satin Stainless Steel

PRODUCT CODES
AB10-100  Thrust Bearing Pivot Set
AB10-200  Emergency Release Door Stop
AB10-300  40 x 80 x 1.2mm Rubbing Plates
PANIC EXIT HARDWARE

SPECIFICATION
- Fully certified to EN 1125 & EN 179
- Site reversible
- Option for single or double doors
- Panic bolts suit doors up to 2500mm high and 1300mm wide
- Pullman latches available – Code AB35-110
- Strike plates to suit metal doors – Code AB35-120
- Outside access devices suit doors 40-70mm thick

FINISH
- Silver Sprayed (SES)
- Satin Stainless Steel Plated
- Polished Stainless Steel Plated

PRODUCT CODES
- AB35-01 Single Panic Bolt
- AB35-02 Double Panic Bolt - Rebated Doors
- AB35-03 Single Bar Panic Latch
- AB35-04 Push Pad Panic Latch
- AB35-05 Outside Access Device – Knob Version
- AB35-06 Outside Access Device – Lever Version
- AB35-07 Outside Mechanical Lever Digital Lock
PUSH BUTTON DIGITAL LOCKS

SPECIFICATION
• Operates using a single pin code
• Suitable for doors 35-57mm thick
• Optional hold open facility provided by snib internally (AB30-100 only)
• Suitable for light duty and internal use only (AB30-100)
• Suitable for medium duty applications (AB30-200)
• Key override as standard on AB30-200
• 2-year guarantee

FINISH
• Silver Sprayed (SES)
• Satin Stainless Steel Plated

PRODUCT CODES
AB30-100 Mechanical
AB30-200 Electronic
BOLOTA 304
STAINLESS STEEL RANGE

AB304-851
AB304-852
AB304-860
AB304-853
AB304-854
AB304-857
AB304-855
AB304-856
AB304-861
BATHROOM FITTINGS

FINISH
• Satin Stainless Steel Grade 316
• Polished Stainless Steel Grade 316

PRODUCT CODES
AB304-851 43mm Projection Robe Hook on Rose
AB304-852 45mm Diameter Academy Coat Hook
AB304-853 35mm Projection Robe Hook
AB304-854 40mm Projection Buffered Robe Hook
AB304-855 Single Towel Rail 540mm Centres
AB304-856 Double Towel Rail 560mm Centres
AB304-857 2 Peg Hooks on Back Plate
AB304-858 4 Peg Hooks on Back Plate
AB304-859 6 Peg Hooks on Back Plate
AB304-860 35mm Projection Robe Hook with Groove
AB304-861 Towel Ring
AB316-862 Single Toilet Roll Holder
AB304-863 Single Toilet Roll Holder on Plate
AB304-864 Double Toilet Roll Holder on Plate
AB304-865 Single Toilet Roll Holder
AB304-866 Double Toilet Roll Holder

Acorn offers a comprehensive range of Washroom Equipment, which includes items such as Hand Dryers, Soap and Towel Dispensers and Combination Units. Please contact us for further information or visit our website www.acornironmongery.com
BATHROOM ACCESSORIES

FINISH
- Satin Stainless Steel
- Polished Stainless Steel

PRODUCT CODES
AB75-01 Robe Hook
AB75-02 Toilet Roll Holder
AB75-03 Tumbler Holder
AB75-04 Soap Dish
AB75-05 Towel Rail (450mm)
AB75-06 Towel Rail (650mm)
AB75-07 Glass Shelf (650mm)
AB75-08 Toilet Brush and Holder
AB75-09 Towel Ring (270 x 280mm)
AB75-10 Grab Rail (450mm)
AB75-11 Spare/Double Toilet Roll Holder
Stainless steel needs to be cleaned for aesthetic considerations and to preserve corrosion resistance. Stainless steel is protected by a thin layer of chromium oxide.

Oxygen from the atmosphere combines with chromium in stainless steel to form a passive chromium oxide film that protects from further corrosion. Any contamination of the surface by dirt or other material hinders this passivation process and traps corrosive agents, reducing corrosion protection. Thus some form of routine cleaning is necessary to preserve the appearance and integrity of the surface.

They actually thrive with frequent cleaning and, unlike some other materials, it is impossible to ‘wear out’ stainless steel by excessive cleaning. Stainless steel performs best when clean – cleanliness is essential for maximum resistance to corrosion.

Stainless steel products should be wiped over with a clean cloth and warm water with a mild detergent on a frequent basis. For more stubborn dirt or stains use mild, non-scratching abrasing powders such as typical household cleaners. These can be used with warm water, bristle brushes, sponges or clean cloths. For more aggressive cleaning a small amount of vinegar can be added to the powder. Carbon steel brushes should be avoided as they may leave particles embedded in the surface, which can lead to rusting. Cleaning should always be immediately followed by rinsing in clean hot water and the surface then wiped completely with a dry towel.

The maximum recommendation for routine cleaning is once a month and more often in areas subject to frequent use.

Cylinders should NOT be lubricated with oil or WD40. A full maintenance advice brochure is available upon request or at www.acornironmongery.com
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