

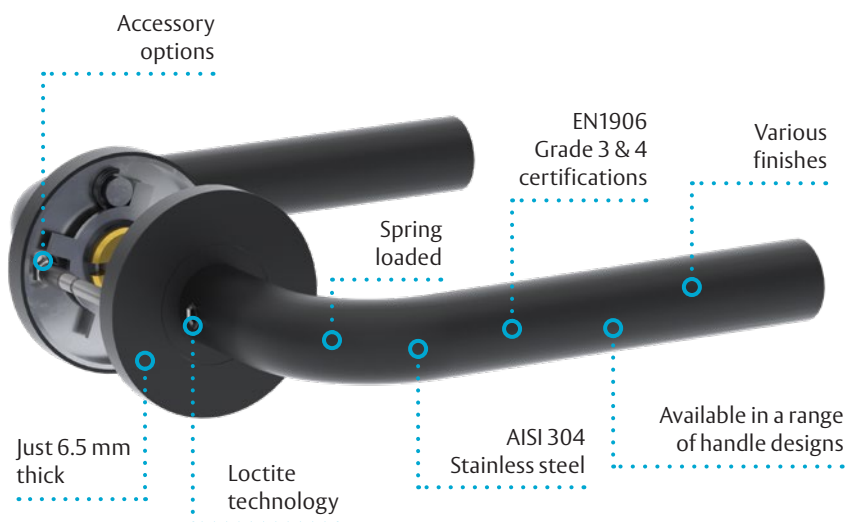
# AH120 Door handle Technical Datasheet

ASSA ABLOY

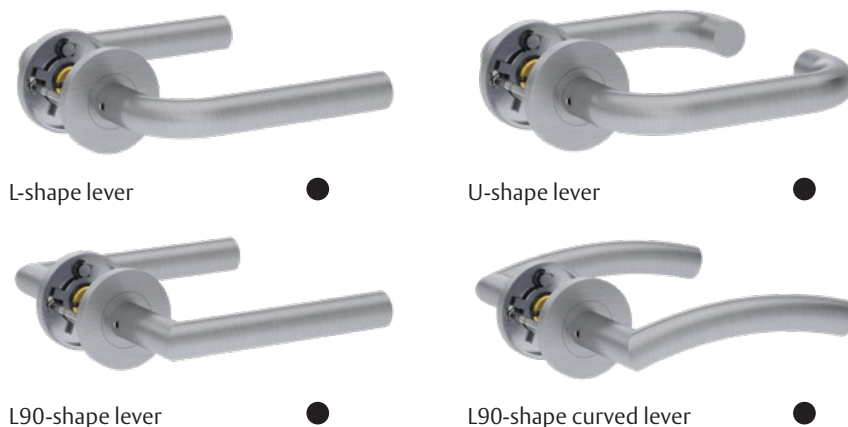
## Round Rose version

Experience a safer  
and more open world

Elevate your interiors with the AH120 range of door fittings – the perfect fusion of sleek, contemporary design and superior functionality. Engineered for intense use and guaranteed to stay securely in position, resisting loosening even after years of use.



There are various lever designs in black and brushed stainless steel finish:



### Design and style

AH120 handles are crafted for contemporary spaces and are ideal for clients looking for modern, clean lines. This design focus differentiates them from more traditional or ornamental hardware solutions.



### Robustness

Designed for commercial environments where resilience is essential, the AH120 range distinguishes itself through proven durability and high-quality finishes.



### Premium Materials

Constructed from high-grade AISI 304 stainless steel with a finely brushed finish for a sophisticated look with independent EN1906 certification, ensuring top-tier performance.



### EN 1906 Grade 3 & 4

Our levers offer durability, strength, and corrosion resistance. Grade 3 is suited to high frequency use in commercial buildings, tested to 200,000 cycles with a 800 N strength rating. Grade 4 is designed for high-traffic areas like schools and hospitals, offering enhanced strength (1000 N) for higher security requirements.

# Technical specifications



The range of architectural hardware is designed for interior doors, characterized by its modern design and robust functionality. See below the different round handles and accessory variants available:

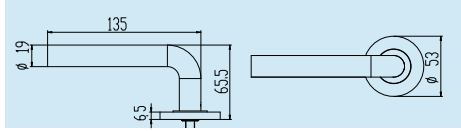
Technical data and features							
i	<b>Model</b>	L shape, L90 shape, L90 shape curved and U shape levers on round rosette					
	<b>Application</b>	38 - 54 mm					
	<b>Function escutcheons</b>	Euro profile cylinder Key profile Privacy set Blind					
	<b>Construction</b>	Lever fixed on rose Spring loaded lever					
	<b>Material</b>	Stainless steel AISI 304					
	<b>Finish</b>	Finely brushed					
	<b>Fixation</b>	M4 bolt through screws, 38 mm mounting distance Invisible clip-on system for cover rose					
	<b>Spindle</b>	8 mm x 120 mm HESO spindle for secure attachment					
	<b>Includes</b>	2 pcs cut of M4 screws and nuts, 1 pcs spindle, 1 pcs 3 mm allen key, 9 mm spindle adaptor*					
i	<b>Grade 3 EN1906-2012 compliance</b>						
	Category of use 3	Durability 7	Door mass -	Fire resistance 0/B1	Safety 1	Corrosion resistance 3	Security 0
i	<b>Grade 4 EN1906-2012 compliance</b>						
	Category of use 4	Durability 7	Door mass -	Fire resistance 0/B1	Safety 1	Corrosion resistance 3	Security 0
	<b>Levers</b>	L shape					•
		L90 shape   L90 curved shape					••
		U shape   Cranked U shape					• -
		Ball knob   Cranked ball knob					••
		Cylindrical   Cranked cylindrical knob					• -
		Diameter					19mm
	<b>Color</b>	Brushed Stainless steel					•
		Black powder coated					•
	<b>EN1906</b>	Grade 3					•
		Grade 4					•
	<b>Version</b>	Euro profile					Escutcheons
		Blind					Escutcheons
		WC					Escutcheons
		Key					Escutcheons

\*where appropriate

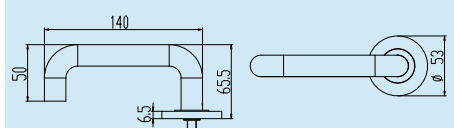
# Technical information



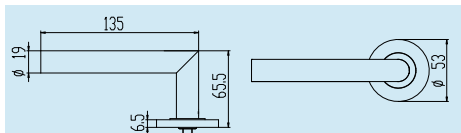
L-shape lever  
AH123102



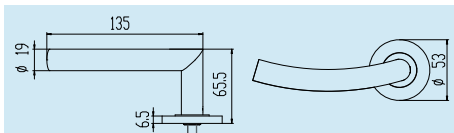
U-shape lever  
AH123106



L90-shape lever  
AH123104



L90-shape curved lever  
AH123109



Free/Occupied - Toilet  
AH120153SS



Euro profile escutcheon  
AH120151



Key escutcheon  
AH120150



Blind escutcheon  
AH120152



Rotational cylindrical knob  
AH120142



Fixed solid cylindrical knob  
AH120401



Rotational ball knob  
AH120143



Fixed ball knob  
AH120403

## Round lever Rosettes

Spring-loaded levers, securely mounted on stainless steel construction

Concealed fastening cover rosettes

Rosette dimensions:  $\varnothing 53 \times 6.5$  mm

Lever diameter: 19 mm

Lever insert material: Brass

Equipped with  $\varnothing 7$  mm fastening pins

Stainless steel AISI 304, finely brushed

Supplied with 8 mm HESO spindle and M4x60 screws (adjustable)

Standard: EN1906:2012

## Cylindrical and Ball Knobs

Fixed knob mounted on stainless steel substructure

Concealed fastening cover rosettes

Cylindrical knob dimensions:  $\varnothing 52 \times 45$  mm

Cylinder knob diameter:  $\varnothing 50/52/55$  mm

Ball knob dimensions:  $\varnothing 50 \times 65$  mm

Ball knob diameter:  $\varnothing 55/65$  mm

Rosette dimensions:  $\varnothing 53 \times 6.5$  mm

Rosettes equipped with 5 mm (Gr3) or 7 mm (Gr4) fastening lugs

Stainless steel AISI 304, finely brushed

Supplied with 8 mm HESO spindle and M4x60 fastening screws (adjustable)

Standard: EN1906:2012

# Order information

## Round Rose Levers

SKU Code	Description	Spindle	Lever Diameter	Finish	EN1906
AH124102SS	L-shape lever	8 mm	19mm	Brushed stainless steel	Grade 4 levers
AH124106SS	U-shape lever	8 mm	19mm	Brushed stainless steel	Grade 4 levers
AH124104SS	L90-shape lever	8 mm	19mm	Brushed stainless steel	Grade 4 levers
AH123102BS	L-shape lever	8 mm	19mm	Black powder coated	Grade 3 levers
AH123102BSB	L-shape lever*	8 mm	19mm	Black powder coated	Grade 3 levers
AH123102C7SS	L-shape lever	7 mm	19mm	Brushed stainless steel	Grade 3 levers
AH123102SS	L-shape lever	8 mm	19mm	Brushed stainless steel	Grade 3 levers
AH123102SSB	L-shape lever*	8 mm	19mm	Brushed stainless steel	Grade 3 levers
AH123106BS	U-shape lever	8 mm	19mm	Black powder coated	Grade 3 levers
AH123106BSB	U-shape lever*	8 mm	19mm	Black powder coated	Grade 3 levers
AH123106C7SS	U-shape lever	7 mm	19mm	Brushed stainless steel	Grade 3 levers
AH123106SS	U-shape lever	8 mm	19mm	Brushed stainless steel	Grade 3 levers
AH123106SSB	U-shape lever*	8 mm	19mm	Brushed stainless steel	Grade 3 levers
AH123104BS	L90-shape lever	8 mm	19mm	Black powder coated	Grade 3 levers
AH123104BSB	L90-shape lever*	8 mm	19mm	Black powder coated	Grade 3 levers
AH123104C7SS	L90-shape lever	7 mm	19mm	Brushed stainless steel	Grade 3 levers
AH123104SS	L90-shape lever	8 mm	19mm	Brushed stainless steel	Grade 3 levers
AH123104SSB	L90-shape lever*	8 mm	19mm	Brushed stainless steel	Grade 3 levers
AH123109SS	L90-shape curved lever	8 mm	19mm	Brushed stainless steel	Grade 3 levers
AH120101SS	L-shape lever	8 mm	16mm	Brushed stainless steel	-
AH120105SS	U-shape lever	8 mm	16mm	Brushed stainless steel	-
AH120103SS	L90-shape lever	8 mm	16mm	Brushed stainless steel	-

\* in display box

## Round Rose Knobs

SKU Code	Description	Spindle	Lever Diameter	Finish	EN1906
AH120142SS	Cylindrical rotational knob	8 mm	52 mm	Brushed stainless steel	-
AH120143SS	Ball rotational knob	8 mm	55 mm	Brushed stainless steel	-
AH120144SSL	Cranked ball knob rotation (left)	8 mm	55 mm	Brushed stainless steel	-
AH120144SSR	Cranked ball knob rotation (right)	8 mm	55 mm	Brushed stainless steel	-
AH120145SSL	Ball knob rotation (left)	8 mm	55 mm	Brushed stainless steel	-
AH120145SSR	Ball knob rotation (right)	8 mm	55 mm	Brushed stainless steel	-
AH120401BS	Solid cylindrical knob fixed	8 mm	50 mm	Black powder coated	-
AH120401SS	Solid cylindrical knob fixed	8 mm	50 mm	Brushed stainless steel	-
AH120402BS	Cylindrical knob fixed	8 mm	52 mm	Black powder coated	-
AH120402SS	Cylindrical knob fixed	8 mm	52 mm	Brushed stainless steel	-
AH120403SS	Ball knob fixed	8 mm	55 mm	Brushed stainless steel	-
AH120408RSS	Cranked ball knob fixed	8 mm	55 mm	Brushed stainless steel	-
AH120409SS	Ball knob fixed	8 mm	65 mm	Brushed stainless steel	-

# Order information

## Round Rose Escutcheons

SKU Code	Description	Spindle	Lever Diameter	Finish	EN1906
AH124151SS	PC escutcheon	-	-	Brushed stainless steel	-
AH124152SS	Blind escutcheon	-	-	Brushed stainless steel	-
AH124153SS	WC escutcheon	8 mm	-	Brushed stainless steel	-
AH120150BS	Key escutcheons	-	-	Black powder coated	-
AH120150SS	Key escutcheons	-	-	Brushed stainless steel	-
AH120151BS	PC escutcheons	-	-	Black powder coated	-
AH120151SS	PC escutcheons	-	-	Brushed stainless steel	-
AH120152BS	Blind escutcheons	-	-	Black powder coated	-
AH120152SS	Blind escutcheons	-	-	Brushed stainless steel	-
AH120153BS	WC escutcheons	8 mm	-	Black powder coated	-
AH120153C6SS	WC escutcheons	6 mm	-	Brushed stainless steel	-
AH120153SS	WC escutcheons	8 mm	-	Brushed stainless steel	-
AH120154SS	WC escutcheons	8 mm	-	Brushed stainless steel	-
AH120155SS	WC escutcheons	8 mm	-	Brushed stainless steel	-
AH120156SS	WC escutcheons	6 mm	-	Brushed stainless steel	-
AH120158SS	WC escutcheons	8 mm	-	Brushed stainless steel	-

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