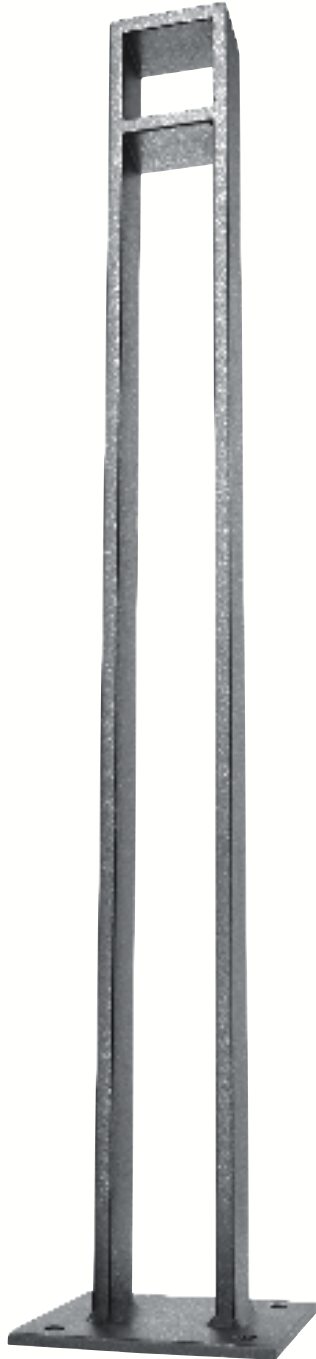




# 6 BARRIER SYSTEMS

.hess



Hess's range of bollards is distinguished by variety and includes vintage, classic, modern minimalist and avant-garde forms in cast metals or steel. There's something to match every architectural style.

## 6 . BARRIER SYSTEMS



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SALEM  
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## 6 . BARRIER SYSTEMS



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CALVI  
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POLARIS  
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AGRA  
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ROM  
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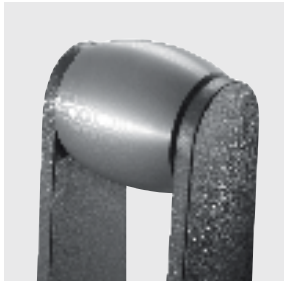
GARDES  
P. 288

# BASTIA

BASTIA . Barrier Bollard

Galvanised steel construction. Choice of mica or DB finish. Rounded spacer manufactured from anodised aluminium.

Additional charge: Soft or RAL finish.



Design: Bernd Krüger



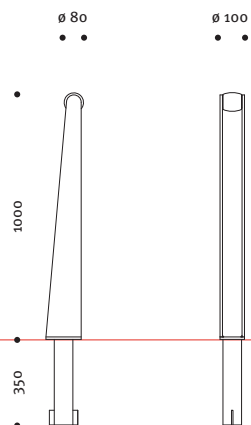
Product Name	Height	Order No.	
		Type A	Type C
	mm	fixed	flange mount
BASTIA	1000	60.14900.0	60.14900.2

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Product information  
[www.hess.eu/o750](http://www.hess.eu/o750)

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TYPE A



Order No. 60.14900.0





REGOR  
BIARRITZ . FRANCE



# REGOR

REGOR . Barrier Bollard

Galvanised steel construction. Choice of mica or DB finish.

Additional charge: Soft or RAL finish. Type C with below grade flange plate.



Product Name	Height	Order No.	Order No.	Order No.	Order No.
		Type A	Type B	Type C	Type D
	mm	fixed	detachable	flange mount	collapsible
REGOR	900	60.14800.0	60.14800.1	60.14800.2	60.14800.3
	1030	60.14801.0	60.14801.1	60.14801.2	60.14801.3
	1200	60.14802.0	60.14802.1	60.4802.2	60.14802.3

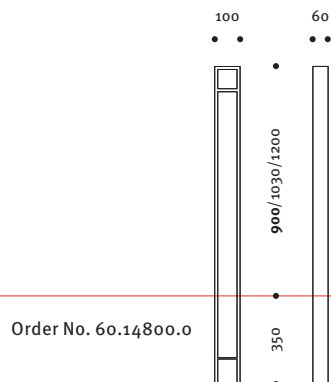
Product information  
[www.hess.eu/o711](http://www.hess.eu/o711)

TYPE A

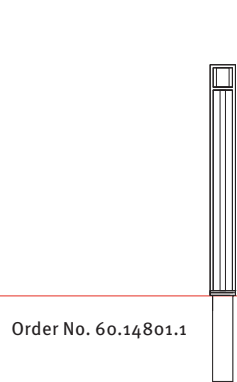
TYPE B

TYPE C

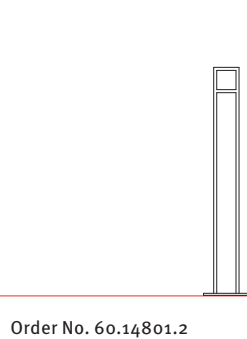
TYPE D



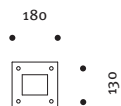
Order No. 60.14800.0



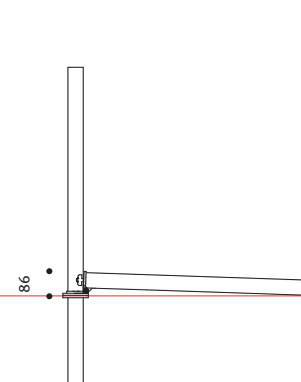
Order No. 60.14801.1



Order No. 60.14801.2



Order No. 60.14801.3



# REGOR

## TYPES OF MOUNTING



Fixed Bollards  
TYPE A

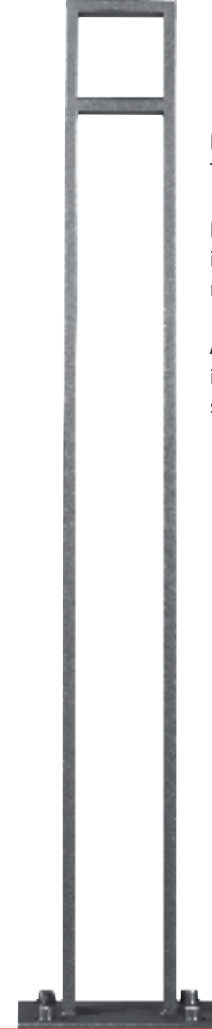
Designed with base that embeds in concrete. Detachment is not possible.



Detachable Bollards  
TYPE B

Mount to separate embedded base from which they detach via triangular locking mechanism. Recessed in the top of the bollard, the triangular lock head engages and disengages with a special tool.

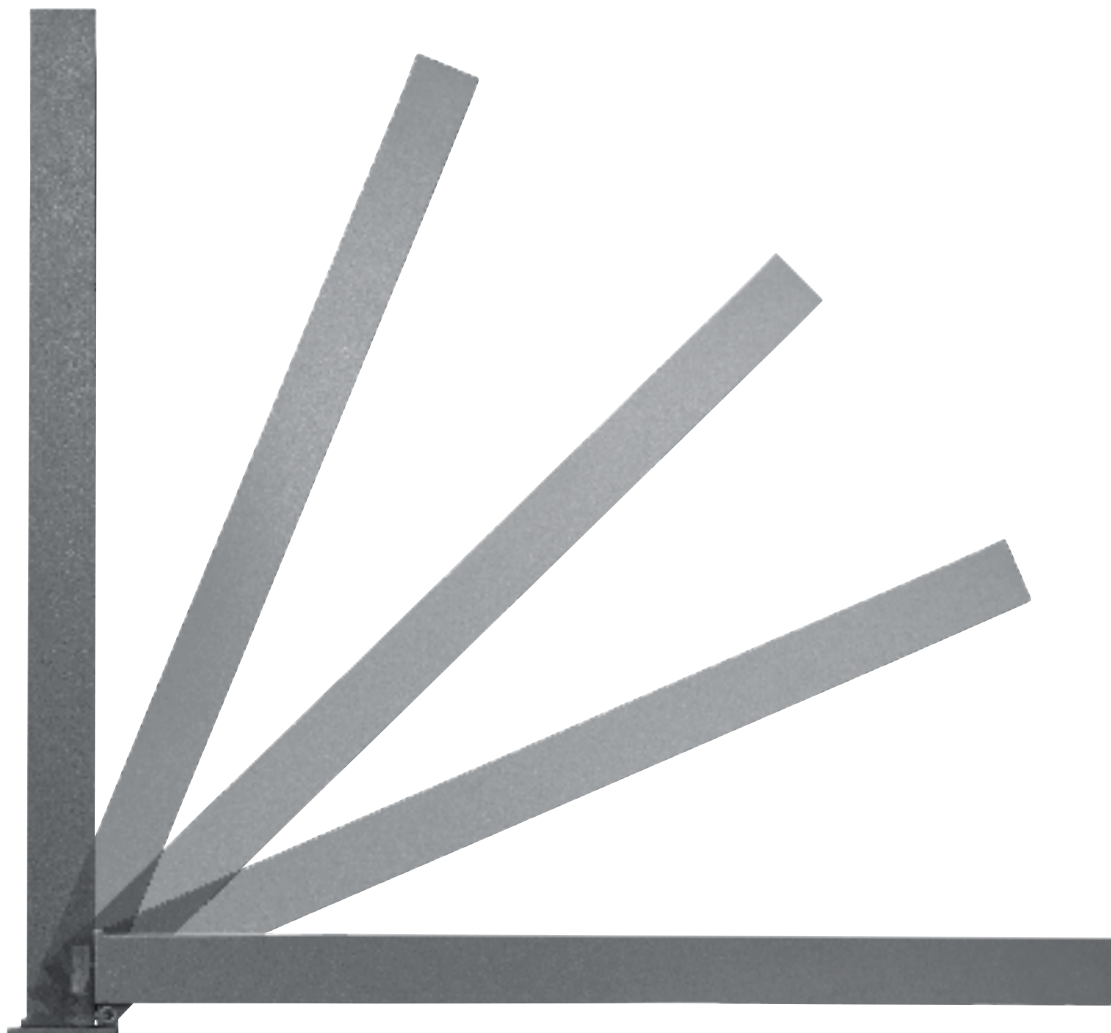
The head turns a camshaft engaging or disengaging the bollard in place. The embedded base installs grade flush in a permanent anchor footing.



Flange Mount Bollards  
TYPE C

Employ a flanged base mounting plate instead of embedded base, which mounts via bolts and screw anchors.

Also available with flange plate that installs 200 mm below grade to enable surfacing, paving, etc.



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## Product information

[www.hess.eu/o711](http://www.hess.eu/o711)

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### Collapsible Bollards TYPE D

Come with separate embedded base. Collapse at the joint after being disengaged by means of the triangular keyed locking mechanism.

Recessed in the top of the bollard, the triangular lock head operates with a special tool.

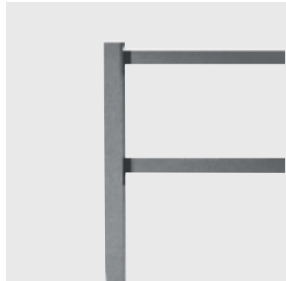
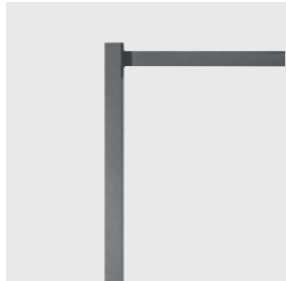
The head turns a camshaft releasing or locking the bollard in place. Embedded base installs grade flush in permanent anchor footing.

# REGOR

## REGOR . Barrier System

Galvanised steel rail and post elements combine as site requirements dictate. 90° - 180° post-to-post placement. Comes in mica or DB finish.

Additional charge: Soft or RAL finish. Special bicolour finish for the visually impaired.

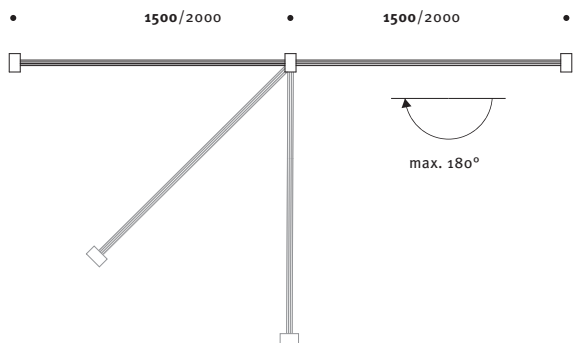


Product Name	Height mm	Post Mounting	Suitable for		Rail (individual)
			1 Rail	2 Rails	
REGOR	900	Type A Fixed	60.14810.0	60.14820.0	REGOR B 1500
		Type C Flange Mount	60.14810.2	60.14820.2	60.64800.1
			REGOR 1030-1	REGOR 1030-2	REGOR B 2000
REGOR	1030	Type A Fixed	60.14811.0	60.14821.0	60.64801.1
		Type C Flange Mount	60.14811.2	60.14821.2	60.64801.1

Product information  
[www.hess.eu/o712](http://www.hess.eu/o712)

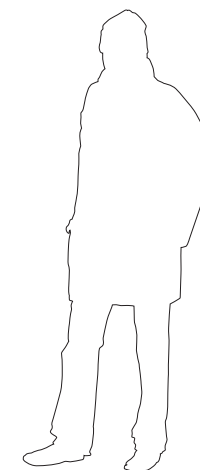
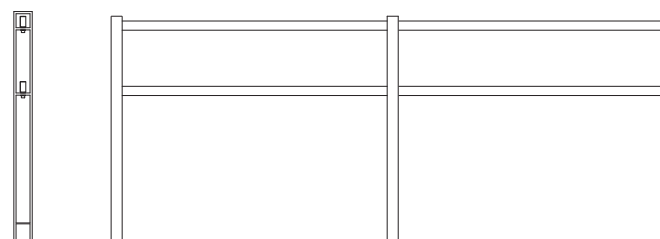
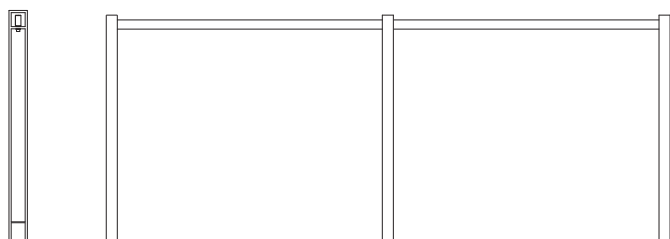
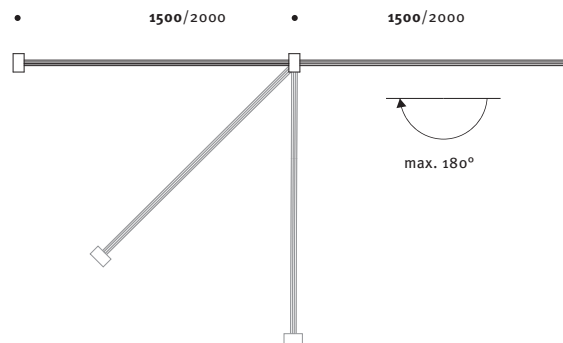
Post  
REGOR 900-1

Railing  
REGOR B 1500, single



Post  
REGOR 900-2

Railing  
REGOR B 1500, double





# MORANO

MORANO . Barrier Bollard

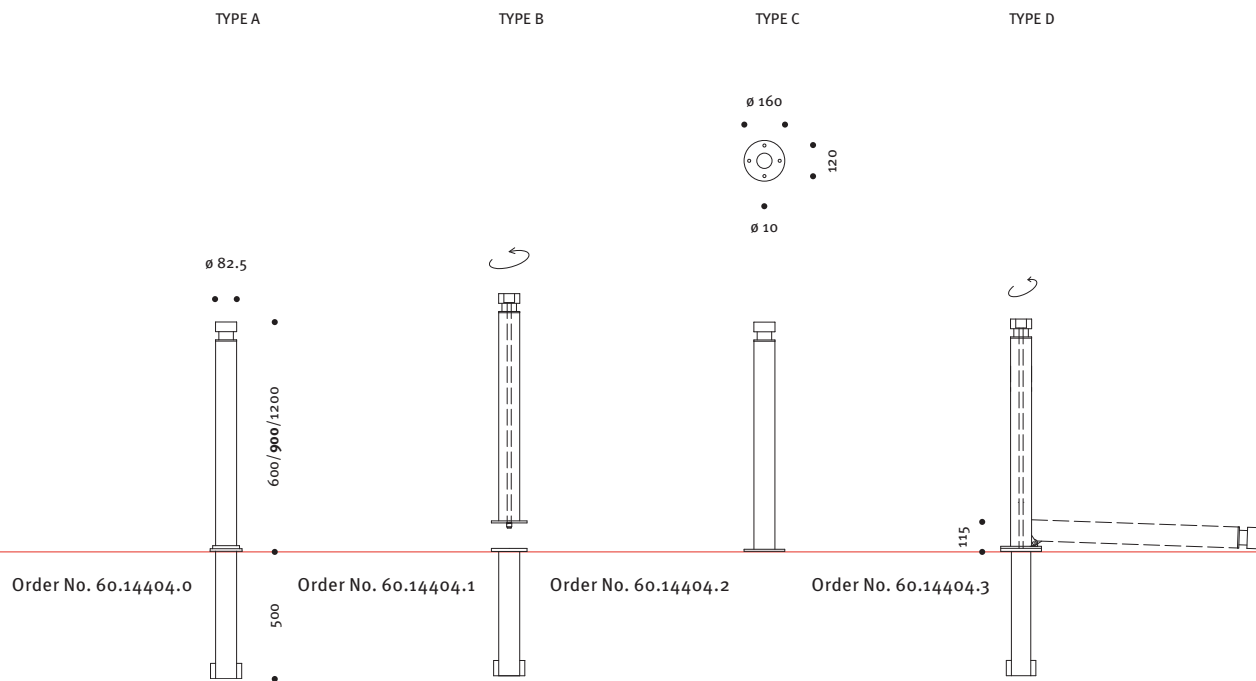
Galvanised steel bollard construction and aluminium cap. Choice of mica or DB finish.

Additional charge: Soft or RAL finish. Special bicolour finish for the visually impaired.



Product Name	Height mm	Order No.	Order No.	Order No.	Order No.
		Type A fixed	Type B detachable	Type C flange mount	Type D collapsible
MORANO	600	60.14403.0	60.14403.1	60.14403.2	60.14403.3
	900	60.14404.0	60.14404.1	60.14404.2	60.14404.3
	1200	60.14405.0	60.14405.1	60.14405.2	60.14405.3

Product information  
[www.hess.eu/o720](http://www.hess.eu/o720)





MORANO  
KINTZHEIM . FRANCE



POLARIS  
DIFFERDANGE . LUXEMBURG

# TORO

TORO . Barrier Bollard

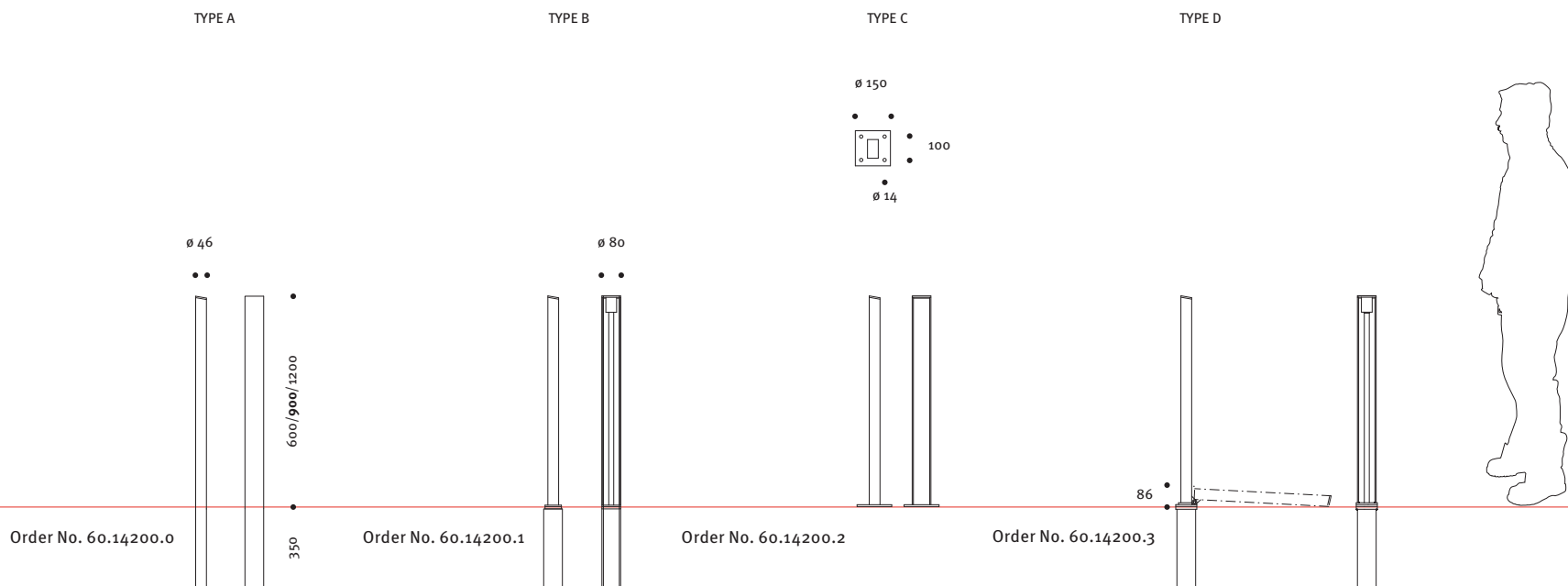
Galvanised steel construction. Choice of mica or DB finish.

Additional charge: Soft or RAL finish. Special bicolour finish for the visually impaired.



Product Name	Height mm	Order No.	Order No.	Order No.	Order No.
		Type A fixed	Type B detachable	Type C flange mount	Type D collapsible
TORO	600	60.14201.0	60.14201.1	60.14201.2	60.14201.3
	900	60.14200.0	60.14200.1	60.14200.2	60.14202.4
	1200	60.14203.0	60.14203.1	60.14203.2	60.14203.4

Product information  
[www.hess.eu/o771](http://www.hess.eu/o771)



# SALEM

SALEM . Barrier Bollard

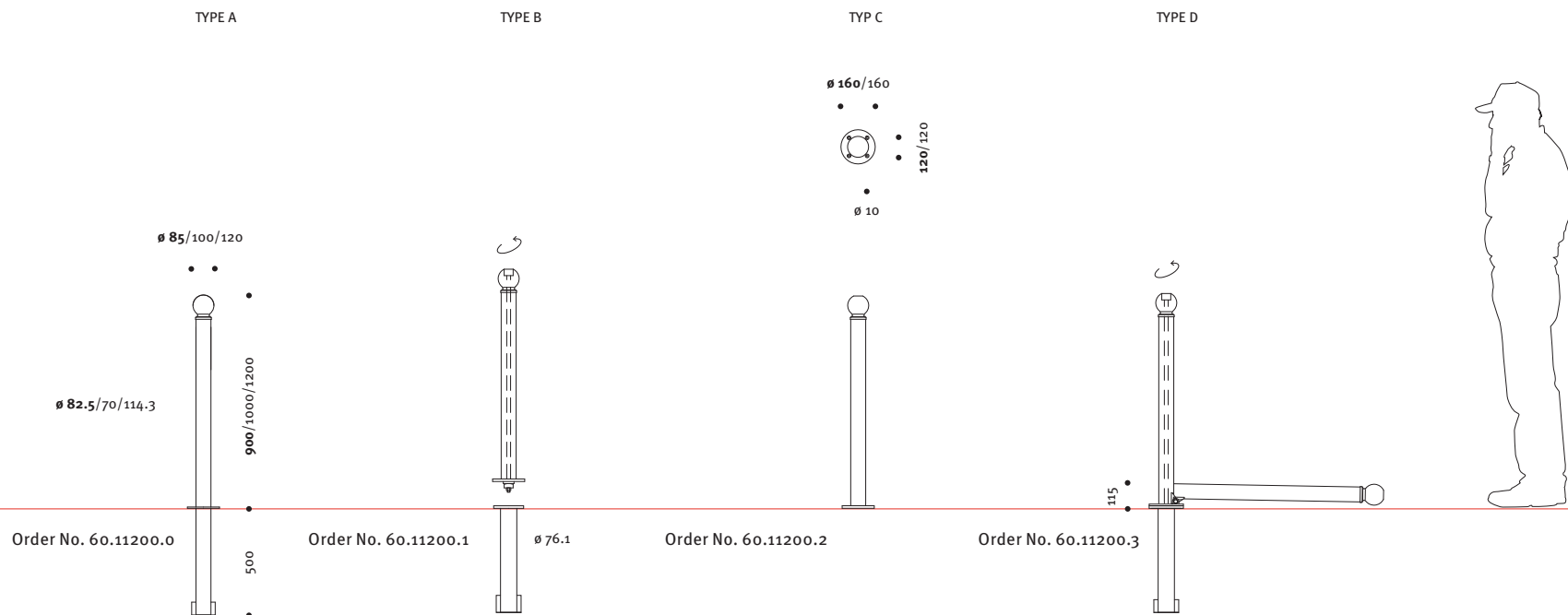
Galvanised steel construction with aluminium cap. Choice of mica or DB finish.

Additional charge: Soft or RAL finish. Special bicolour finish for the visually impaired.



Product Name	Height mm	Bollard Ø in mm	Order No.	Order No.	Order No.	Order No.
			Type A fixed	Type B detachable	Type C flange mount	Type D collapsible
SALEM	900	85	60.11200.0	60.11200.1	60.11200.2	60.11200.3
	1000	100	60.11600.0	60.11600.1	60.11600.2	–
	1200	120	60.11201.0	60.11201.1	–	–

Product information  
[www.hess.eu/o733](http://www.hess.eu/o733)





# PARIS

## PARIS 600 . Barrier Bollard

Cast aluminium bollard construction with cast iron embedded base. Choice of mica or DB finish.

Additional charge: Soft or RAL finish.

## PARIS 1100 . 1200 . Barrier Bollard

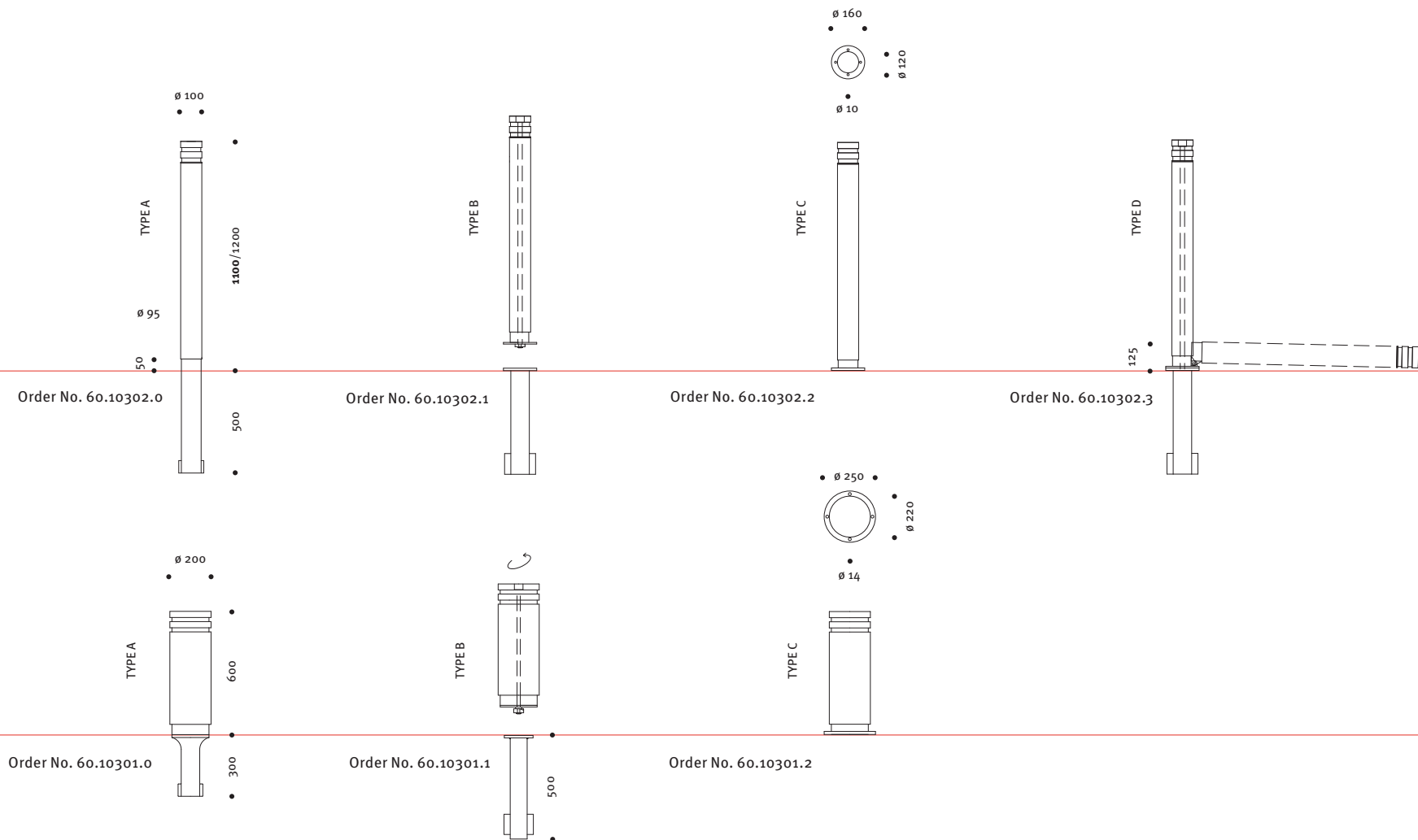
Galvanised steel construction with aluminium cap. Choice of mica or DB finish.

Additional charge: Soft or RAL finish. Special bicolour finish for the visually impaired.



Product Name	Height mm	Order No.	Order No.	Order No.	Order No.
		Type A	Type B	Type C	Type D
		fixed	detachable	flange mount	collapsible
PARIS 600	600	60.10301.0	60.10301.1	60.10301.2	–
PARIS 1100	1100	60.10302.0	60.10302.1	60.10302.2	60.10302.3
PARIS 1200	1200	60.10303.0	60.10303.1	60.10303.2	60.10303.3

Product information  
[www.hess.eu/o702](http://www.hess.eu/o702)

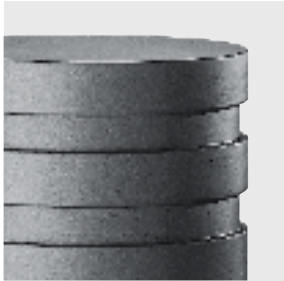


# CALVI

CALVI . Barrier Bollard

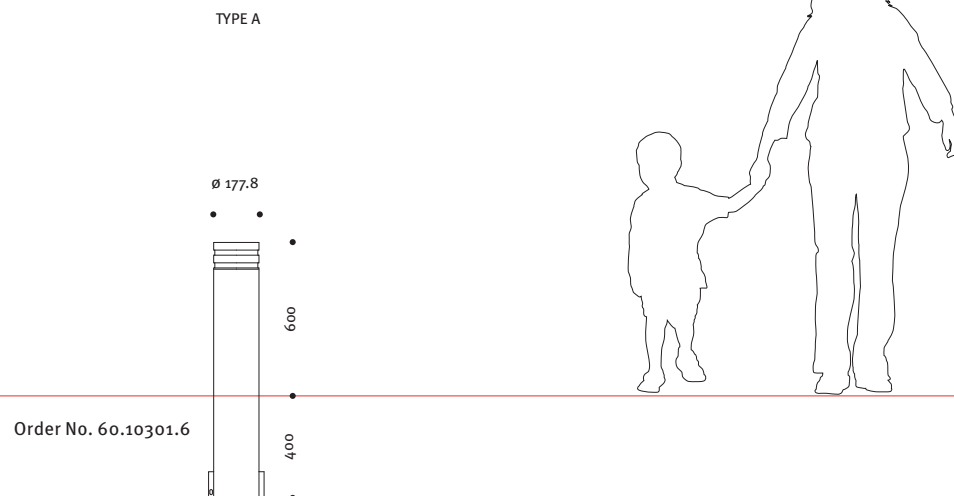
Galvanised steel bollard and integral embedded base construction. Choice of mica or DB finish.

Additional charge: Soft or RAL finish.



Product Name	Height	Order No.
		Type A
	mm	fixed
CALVI	600	60.10301.6

Product information  
[www.hess.eu/o701](http://www.hess.eu/o701)

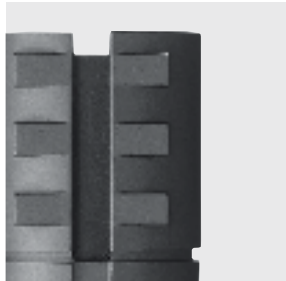


# POLARIS

POLARIS . Barrier Bollard

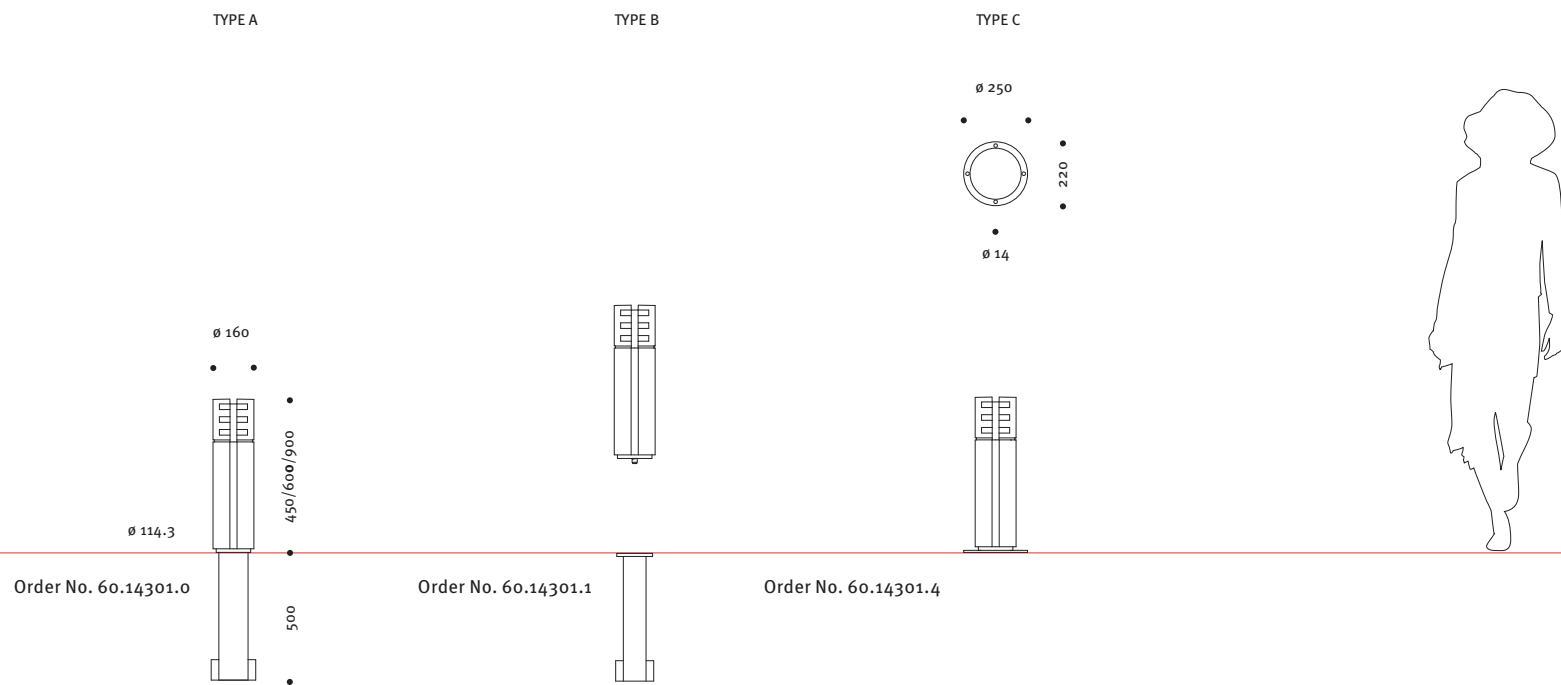
Cast aluminium and steel construction. Choice of mica or DB finish.

Additional charge: Soft or RAL finish.



Product Name	Height	Order No.	Order No.	Order No.
		Type A	Type B	Type C
	mm	fixed	detachable	flange mount
POLARIS	450	60.14300.0	60.14300.1	60.14300.4
	600	60.14301.0	60.14301.1	60.14301.4
	900	60.14302.0	60.14302.1	60.14302.4

Product information  
[www.hess.eu/o704](http://www.hess.eu/o704)





TORO  
DEGGENDORF . GERMANY





# AGRA

A G R A . Barrier Bollard

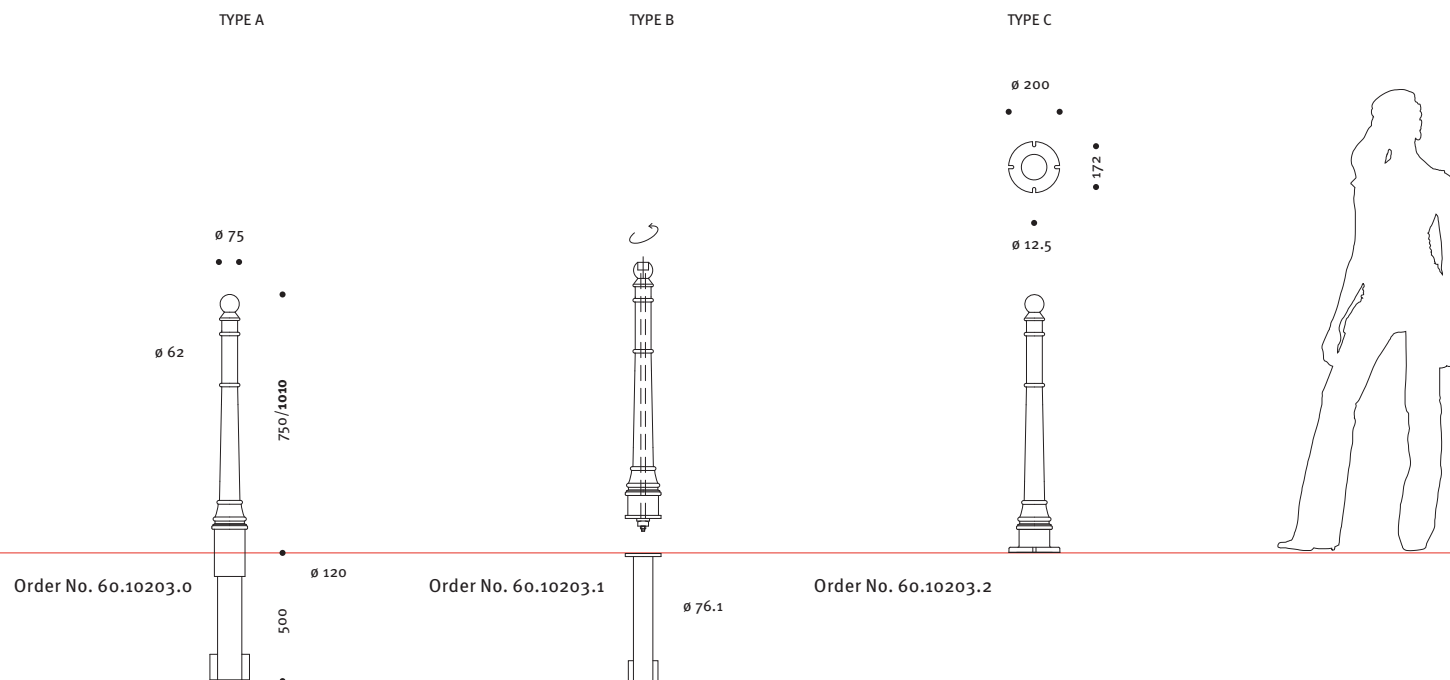
Cast aluminium and steel construction. Choice of mica or DB finish.

Additional charge: Soft or RAL finish.



Product Name	Height	Order No.	Order No.	Order No.
		Type A	Type B	Type C
	mm	fixed	detachable	flange mount
AGRA	750	60.10201.0	60.10201.1	60.10201.2
	1010	60.10203.0	60.10203.1	60.10203.2

Product information  
[www.hess.eu/o781](http://www.hess.eu/o781)



# AGRA

A G R A . Rail Post

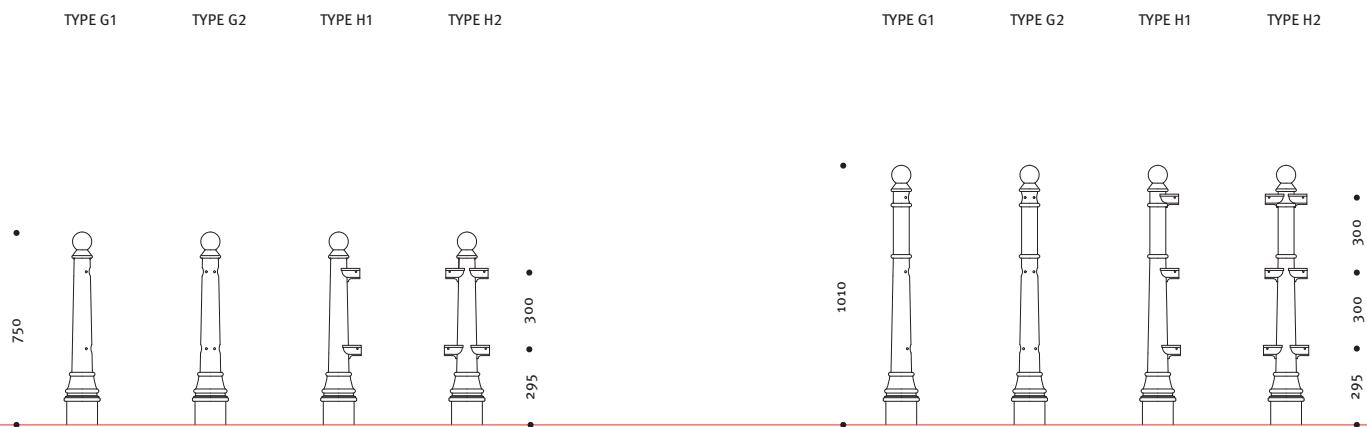
Cast aluminium and steel construction. Choice of mica or DB finish.

Additional charge: Soft or RAL finish.  $\varnothing$  33.7 galvanised steel railing in painted finish, by the metre.



Height mm	Type	Railing	End Post	Intermediate Post	End Post Linkage	Intermediate Post
			Single-side Holes	Through Holes	Single-side Linkage	Double-side Linkage
			Type G1	Type G2	Type H1	Type H2
750	Type A Fixed	2	60.10201.7 G1	60.10201.7 G2	60.10201.8 H1	60.10201.8 H2
1010	Type A Fixed	3	60.10203.7 G1	60.10203.7 G2	60.10203.8 H1	60.10203.8 H2
750	Type C Flange Mount	2	60.10201.6 G1	60.10201.6 G2	60.10201.5 H1	60.10201.5 H2
1010	Type C Flange Mount	3	60.10203.6 G1	60.10203.6 G2	60.10203.5 H1	60.10203.5 H2
Railing			60.61002.0 (Please specify length of rails.)			

Product information  
[www.hess.eu/o781](http://www.hess.eu/o781)

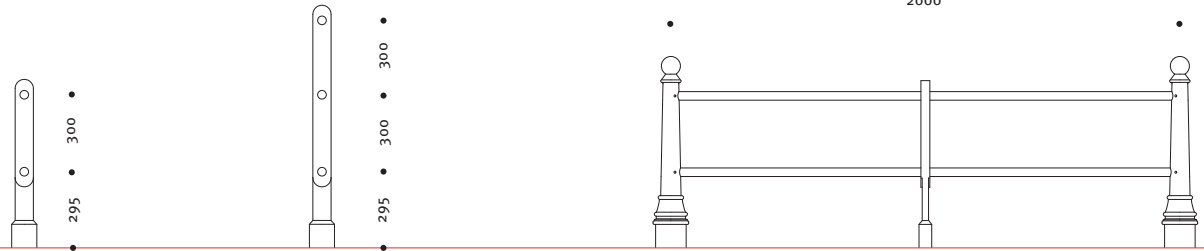


# AGRA

A G R A . Thinline Intermediate Post  
Cast aluminium construction. Choice of mica or DB finish.

Additional charge: Soft or RAL finish.

Product Name	Height	Type	Railing	Thinline Intermediate Post
AGRA	750	Type A Fixed	2	60.10204.7
	1010	Type A Fixed	3	60.10205.7
	750	Type C Flange Mount	2	60.10204.6
	1010	Type C Flange Mount	3	60.10205.6



# AGRA

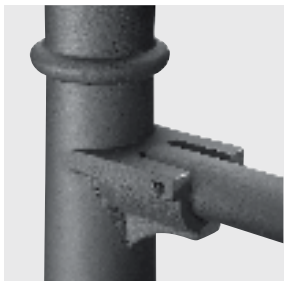
## TYPES OF MOUNTING

### Intermediate Posts . Double-sided Linkages TYPE H2

Fitted to accommodate tube sections on both sides with brackets on both their sides, these posts serve as intermediate elements in post and rail systems. Cross rails secure with set screws in the brackets.

### Intermediate Posts . Through Holes TYPE G2

Intermediate posts with through holes and set screws to secure the rails.



### End Posts . Single-sided Linkages TYPE H1

Fitted to accommodate tube sections with linkages on just one side, these posts are suitable for use as end posts in barrier systems. Cross rails secure with set screws in the brackets.

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## Product information

[www.hess.eu/o781](http://www.hess.eu/o781)

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### End Posts . Single-sided Holes TYPE G1

Fitted with holes on one side in which rail sections fix in place via set screws. Suitable for use as end posts in barrier systems.

# AGRA

## TYPES OF BOLLARDS



Fixed Bollards  
TYPE A

Designed with base that embeds in concrete. Detachment is not possible.



Detachable Bollards  
TYPE B

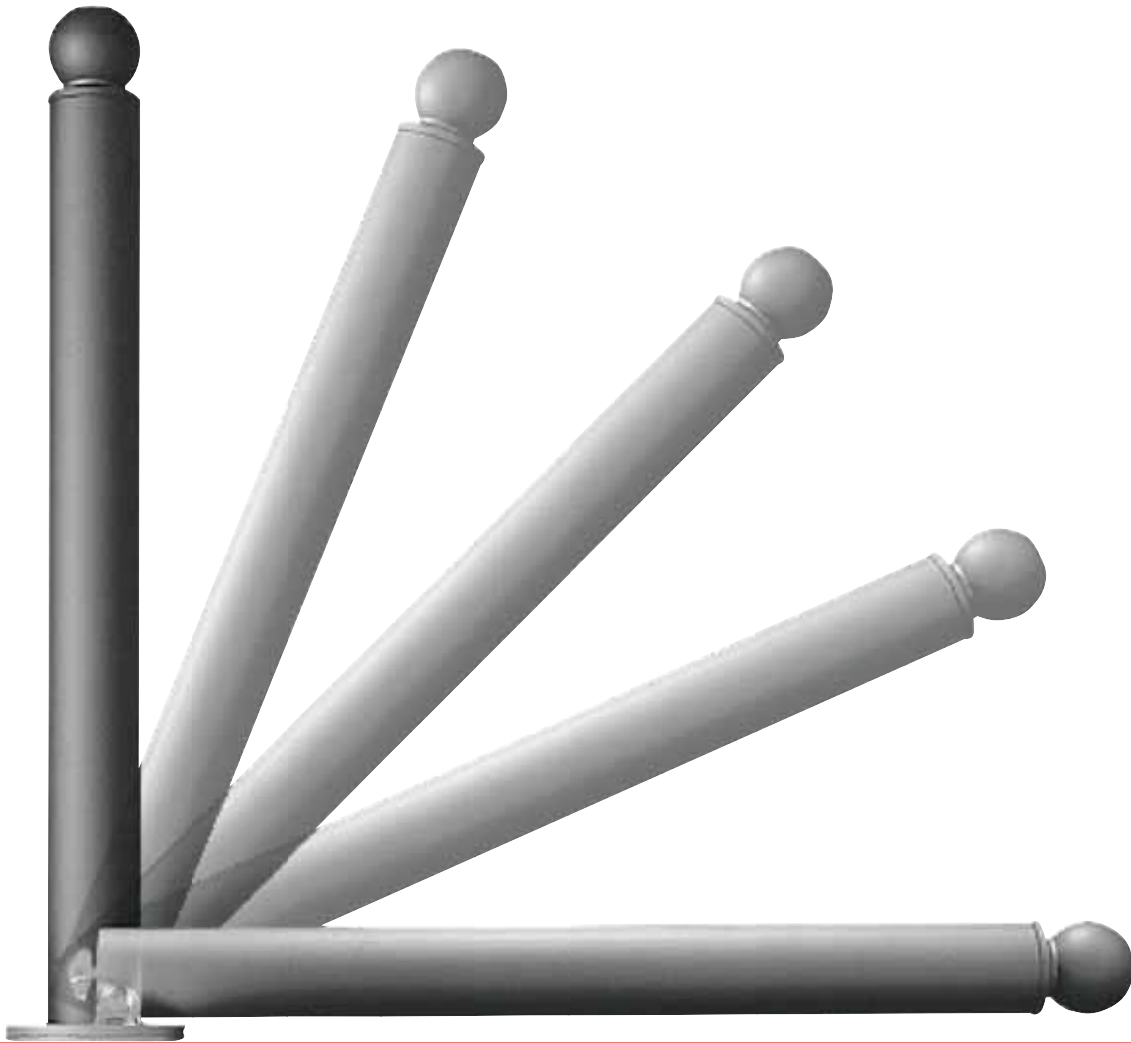
Mount to separate embedded base from which they detach via triangular locking mechanism. Recessed in the top of the bollard, the triangular lock head engages and disengages with a special tool.

The head turns a camshaft engaging or disengaging the bollard in place. The embedded base installs grade flush in a permanent anchor footing.



Flange Mount Bollards  
TYPE C

Employ a flanged base mounting plate instead of embedded base, which mounts via bolts and screw anchors.



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Product information  
[www.hess.eu/o781](http://www.hess.eu/o781)

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Collapsible Bollards  
Type D

Come with separate embedded base and collapse at the joint after being disengaged by means of the triangular keyed locking mechanism. Recessed in the top of the bollard, the triangular lock head operates with a special tool. The head turns on a camshaft releasing or locking the bollard in place. The embedded base installs grade flush in a permanent anchor footing.



# R O M

R O M . Barrier Bollard

Cast aluminium construction. Choice of mica or DB finish.

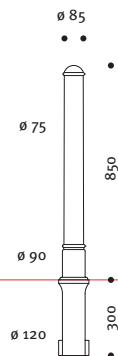
Additional charge: Soft or RAL finish.



Product Name	Height	Order No.	Order No.	Order No.
		Type A	Type B	Type C
	mm	fixed	detachable	flange mount
ROM	850	60.10400.2	60.10400.1	60.10401.2

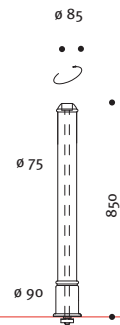
Product information  
[www.hess.eu/o710](http://www.hess.eu/o710)

TYPE A



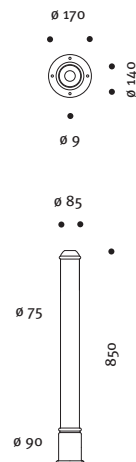
Order No. 60.10400.2

TYPE B

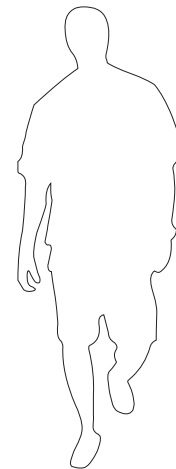


Order No. 60.10400.1

TYPE C



Order No. 60.10401.2



# GARDES

GARDES . Barrier Bollard

Cast aluminium construction. Choice of mica or DB finish.

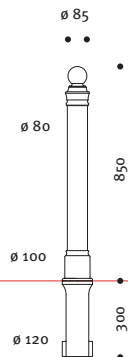
Additional charge: Soft or RAL finish.



Product Name	Height	Order No.	Order No.
		Type A	Type C
	mm	fixed	flange mount
GARDES	850	60.10500.0	60.10500.2

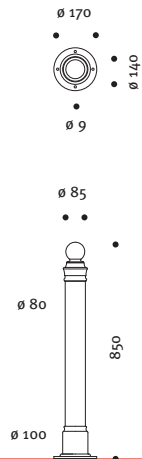
Product information  
[www.hess.eu/o715](http://www.hess.eu/o715)

TYPE A



Order No. 60.10500.0

TYPE C



Order No. 60.10500-2

