

Fixed and removable bollards

For fixed and removable bollards and posts

TPRALBF	RAL 4 numbers
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Other colours excluding RAL

TPUGA	Dark grey
TPUGR	Steel grey

Example of a removable bollard



1. Unlock

2. Turn

3. Lift

Fixed bollards and posts are used in both public and private settings to restrict traffic flows, parking or simply to protect areas from vehicle access. Urbaco uses cast iron, steel and inox steel to make its products.



The Fixator[®] system, an Urbaco patent

Removable bollards and posts are a simple, economical and effective way of managing access-ways that are only occasionally opened. The Urbaco patented Fixator[®] system consists of manually removable bollards and posts. The Fixator[®] and the cover are sold separately from the bollard. The male sleeve (the lower part) can be purchased separately to create removable posts and supports.

By turning the key, the bollard is released and can be removed from its housing. The Fixator[®] cover is replaced at the end to free both the way and the area. The Fixator[®] is installed in cement at the same level as the upper part. The impact resistance of these products depends on how well the Fixator[®] has been fixed to the ground.

Accessories for removable bollards and posts

Fixator [®] for removable Bollards and Posts			
Fixator [®] (steeled cast iron)	Print	Weight	Item code
Fixator [®] with release, key, coverless	11 mm Triangle	9 kg	BOFIXP11S
Fixator [®] with release, key, coverless	14 mm Triangle	9 kg	BOFIXP14S
Fixator [®] with release, key, coverless	Half moon	9 kg	BOFIXPDL
Fixator [®] with release, coverless	Without	6 kg	BOFIXCS
Stainless steel ground fixing, closing system with ground lock, with cover	11 mm Triangle	-	BOFIXSIB
Base to be cemented alone, for stainless steel bollard and post, Ø 76 and 114 mm, closing system with lock on bollard	-	-	EMBS100INOX
Base to be cemented alone, for stainless steel bollard and post, Ø 200 and 250 mm, closing system with lock on bollard	-	-	EMBS200INOX



Fixator[®] without release



Fixator[®] with release

Sleeve		
Material	Weight in kilos	Item code
Steeled cast iron	3,8	BOMACF



Cover for Fixator [®]		
Material	Weight in kilos	Item code
Steeled cast iron	2,9	BOFIXCOF



Keys for removable Bollards and Posts				
KEYS	Length	Print	Material	Item code
Service	140 mm	Triangle 11	Cast iron	BOCLES11
Service	140 mm	Triangle 14	Cast iron	BOCLES14
Service	140 mm	Half moon	Cast iron	BOCLES1DL



Reflective bands only for Generation 6 removable bollards and posts excluding Vendome	
Colour	Item code
White	BOBRB
Yellow	BOBRJ
Red	BOBRR



Eyelets	
	Item code
1 fixed eyelet on bollard or post (except Vendome, Mistral and Demoiselle models)	BOCHAAM1
2 180° fixed eyelets on bollard or post (except Vendome, Mistral and Demoiselle models)	BOCHAAM2
2 90° fixed eyelets on bollard or post (except Vendome, Mistral and Demoiselle models)	BOCHAAM3



Carabiners	
	Item code
14 diameter carabiner	RCHAM14



Chains	
	Item code
Galvanised, non-varnished, 14 diameter, per metre	RCHA14N
Chain with galvanised varnish (RAL of your choice) diameter 14, per ml	RCHA14P



*Provide length of segments on order – maximum length per segment: 6ML

Generation 6 Fixed and removable bollards

Fixed bollards and posts are used in both public and private settings to restrict traffic flows, parking or simply to protect areas from vehicle access. Urbaco uses cast iron, steel and inox steel to make its products. Removable bollards and posts are a simple, economical and effective way of managing access-ways that are only occasionally opened. They are identical in shape and dimensions to automatic retractable and mechanical bollards. Removable bollards allow you to easily coordinate the aesthetics in terms of both access-way control in public and private areas and for urban setting management. The 120 mm diameter Chateauneuf version is also available with the rounded top which smoothens the originally squarish lines. The control units also conform to the fixed, energy dispensing posts.



Example of a removable bollard



1. Release 2. Turn 3. Remove

Models

5 different models are offered. Grey cast iron or nodular cast iron, with an average length of 11mm, for the Chateauneuf models.
- 3 diameters: 120 mm, 200 mm, 250 mm
- 2 heights: 500 and 750 mm for the Chateauneuf models (rounded top)

Surface finish and colours

Zinc is the primary standard coating which provides better adherence for the finishing coat, using a powder based, polyester thermo-hardening matt varnish, in standard RAL 7016 dark grey



The Urbaco patented Fixator® system consists of manually removable bollards. Once the bollard has been removed, a cover frees the way and area. The Fixator® is cemented to the ground. Its resistance to impacts depends on how well it is fixed to the ground and the dimensions of the installation area

*G Nodular cast Iron (SG)
*F Lamellar cast iron (LG)



Cylinder			Fixed	Removable
Commercial reference			Codes	Codes
Diameter	Height from the ground	Weight		
250	500	46 kg	BSCLPF50G	BACLPF50G
250	750	68 kg	BSCLPF75G	-
200	500	33 kg	BSCLPE50G	BACLPE50G
200	750	47 kg	BSCLPE75G	-
120	500	18 kg	BSCLPD50G	BACLPD50G
120	750	26 kg	BSCLPD75G	BACLPD75G

Acropole			Fixed	Removable
Commercial reference			Codes	Codes
Diameter	Height from the ground	Weight		
250	500	46 kg	BSACEF50G	BAACEF50G
250	750	68 kg	BSACEF75G	-
200	500	34 kg	BSACEE50G	BAACEE50G
200	750	36 kg	BSACEE75G	-
120	500	20 kg	BSACED50G	BAACED50G
120	750	26 kg	BSACED75G	BAACED75G

Athéna			Fixed	Removable
Commercial reference			Codes	Codes
Diameter	Height from the ground	Weight		
250	500	45 kg	BSATNF50G	BAATNF50G
250	750	62 kg	BSATNF75G	-
200	500	34 kg	BSATNE50G	BAATNE50G
200	750	36 kg	BSATNE75G	-
120	500	18 kg	BSATND50F	-
120	750	26 kg	BSATND75F	-
120	500	20 kg	BSATND50G	BAATND50G
120	750	24 kg	BSATND75G	BAATND75G

Châteauneuf			Fixed	Removable
Commercial reference			Codes	Codes
Diameter	Height from the ground	Weight		
250	500	53 kg	BSCHPF50G	BACHPF50G
250	750	72 kg	BSCHPF75G	-
200	500	32 kg	BSCHPE50G	BACHPE50G
200	750	45 kg	BSCHPE75G	-
120	500	17 kg	BSCHPD50F	-
120	750	24 kg	BSCHPD75F	-
120	500	17 kg	BSCHPD50G	BACHPD50G
120	750	24 kg	BSCHPD75G	BACHPD75G

Châteauneuf			Fixed	Removable
Commercial reference			Codes	Codes
Diameter	Height from the ground	Weight		
120	550	17 kg	BSCHTD55F	BACHTD55F
120	550	18 kg	BSCHTD55G	BACHTD55G
120	750	22 kg	BSCHTD75F	BACHTD75F
120	750	22 kg	BSCHTD75G	BACHTD75G
120	950	27 kg	BSCHTD95G	BACHTD95G
120	750	26 kg	BSCLPD75G	BACLPD75G



Flat top Chateauneuf



Rounded top Chateauneuf



Ovalie Fixed and removable bollards

Fixed bollards are used in both public and private settings to restrict traffic flows, parking or simply to protect areas from vehicle access where these are not authorised. Urbaco uses cast iron, steel and inox steel to make its products. Removable bollards and posts are a simple, economical and effective way of managing access-ways that are only occasionally opened.

Ovalie

This model, with its modern, simple design fits perfectly into any urban setting. It essentially features an oval shape which gives it an elegant silhouette, which fully respects Urbaco's solidly built product.

Example of a removable bollard



1. Release 2. Turn 3. Remove

Models

The Ovalie model is sold in grey, laminated and nodular, 11 mm thick cast iron.
- 1 one size only: 120 mm x 80 mm
- 2 heights: 500 mm and 750 mm

Surface finish and colours

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*G Nodular cast Iron (SG)
*F Lamellar cast iron (LG)

Arlesiennes Fixed and removable bollards

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Arlésiennes

Architects prefer this model, for French buildings due to its timeless, classic yet contemporary design. Urbaco's Arlesienne bollard, already installed in several prestigious sites, can also be fitted with a chain.

Example of a removable bollard



1. Release 2. Turn 3. Remove

Models

Sold in two different models. Either grey or nodular 11mm thick cast iron.
- 2 diameters: 180 mm, 240 mm
- 2 heights: 600 mm, 700 mm

Surface finish and colours

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*G Nodular cast Iron (SG)
*F Lamellar cast iron (LG)



Ovalie			Fixed	Removable
Commercial reference				
Diameter	Height from the ground	Weight	Codes	Codes
120	500	14 kg	BSOVL50G	BAOVL50F
120	750	20 kg	BSOVL75G	BAOVL75F



Arlésiennes			Fixed	Removable	To be bolted
Commercial reference					
Diameter	Height from the ground	Weight	Codes	Codes	Codes
240	700	32 kg	BSALSE70F	BAALSE70F	-
240	700	33 kg	BSALSE70G	BAALSE70G	-
240	900	45 kg	-	-	BBALSE90F
180	600	24 kg	BSALSD60F	BAALSD60F	-
180	600	25 kg	BSALSD60G	BAALSD60G	-
155	290	12 kg	BSALSD29G	BAALSD29G	-



Option version with rings and chains

Cabestan Fixed and removable bollards

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Cabestan
The particularly attractive and original shape of the Cabestan model make it a "best seller" among the classics. It comes in several heights and is especially suited and appreciated by coastal cities for use on waterfronts, ports, dams and other waterways, canals and lakes.

Example of a removable bollard



1. Release 2. Turn 3. Remove

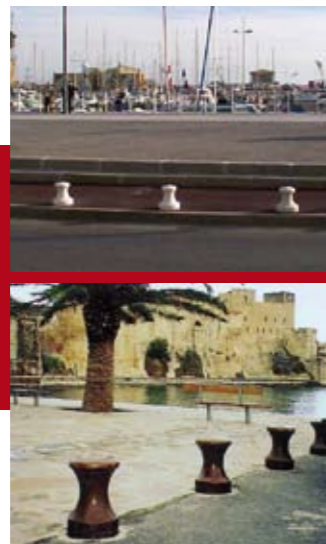
The models

It is sold in 4 different models.
In grey or nodular cast iron to be cemented or removable:
- diameters: 270 mm (for the Cabestan bollard, height 310 mm and 250 mm
- 4 heights: 310 mm, 380 mm and 470 mm and 740 mm

Surface finish and colours

Zinc is the primary standard coating which provides better adherence for the finishing coat, using a powder based, polyester thermo-hardening matt varnish, in standard RAL 7016 dark grey

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Cabestan			Fixed	Removable
Commercial reference				
Diameter	Height from the ground	Weight	Codes	Codes
270	310	28 kg	BSCBTF31F / G	BACBTF31F / G
250	380	29 kg	BSCTBF38F	BACTBF38F
250	470	35 kg	BSCBTF47F / G	BACBTF47F / G
250	570	44 kg	BSCBTF57F / G	BACBTF57F / G

Spheres and Demi-Spheres Fixed and removable bollards

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Sphère
Well rounded, the Sphere and Demi-sphere models are suitable in any setting, whether current or classic. They give the city a soft, attractive touch along river banks and passage ways.



Sphere diameter 250 mm, is only available in the fixed version
Sphere diameter 300 mm
Sphere diameter 400 mm

Sphères			Fixes	Removable	Type
Commercial reference					
Diamètre	Hauteur hors sol	Poids	Codes	Codes	Codes
400	200	24 kg	BSDMSH	-	Demi-sphère
400	400	46 kg	BSSPHG40F	-	Sphère
300	300	34 kg	BSSPHG30G	BASPHG30G	Sphère
250	250	10,2 kg	BSSPHG25F	-	Sphère
200	100	5,3 kg	BSDMSE	-	Demi-sphère

*made of aluminium alloy

Example of a removable bollard



1. Release 2. Turn 3. Remove

Models

It comes in 5 different models.
Grey or nodular cast iron
- 4 diameters: 200 mm, 250 mm, 300 mm and 400 mm
- 4 heights from the ground: 100 mm, 250 mm, 300 mm and 400 mm

Surface finish and colours

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*G Nodular cast iron (SG)
*F Lamellar cast iron (LG)



Demi-sphère diameter 200 mm



Demi-sphère diameter 400 mm

Vendôme Fixed and removable bollards

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Vendôme

The Vendôme model is ideal in modern, contemporary architectural settings. It fits perfectly in historical town centres and areas subjected to corrosive agents. It is also ideal for indoor decorating.



Vendôme			Fixed	Removable
Commercial reference			Codes	Codes
Diameter	Height from the ground	Weight		
155 mm	500 mm	-	BSVDMD50I	BAVDMD50I
155 mm	750 mm	-	BSVDMD75I	BAVDMD75I
200 mm	500 mm	-	BSVDME50S**	BAVDME50S**
200 mm	750 mm	-	BSVDME75S**	BAVDME75S**
220 mm	500 mm	-	BSVDME50I	BAVDME50I
220 mm	750 mm	-	BSVDME75I	BAVDME75I
250 mm	500 mm	-	BSVDMF50S**	BAVDMF50S**
250 mm	750 mm	-	BSVDMF75S**	BAVDMF75S**

**New Range

Models

It comes in two models, 1.5 mm thick Inox 316L
 - with lock on the bollard (new range)
 - with lock on ground
 - 4 diameters: 155 / 22 / 220 / 250 mm
 - 2 heights: 500 / 750 mm

Surface finish and colours

Made of Inox 316L the Vendôme posts and bollards are finished in PG 320 and one passivation

Ground lock system

Lock system from the top of bollard

Some Vendôme models are also available with the rounded top. Ask us.

Mistral Fixed bollard

Bollards are used in both public and private settings to restrict traffic flows, parking or simply to protect areas from vehicle access where these are not authorised. Urbaco uses cast iron, steel and inox steel to make its products. Removable bollards and posts are a simple, economical and effective way of managing low-volume access-ways on a low budget.

Mistral

Its sombre, neutral design and its perfectly smooth surface make Mistral the model which discretely fits into any context, regardless of any architectural or urban planning requirements. Discretion and efficacy are its strong points.



Mistral				Fixed
Commercial reference				Codes
Diameter	Height from the ground	Total height	Weight	
139	900	1200	17 kg	BSMISD90AB*
193	500/600	750	29 kg	BSMISE50AB*
244	500/600	750	33 kg	BSMISF50AB*
139	900	1200	17 kg	BSMISD90AP**
193	500/600	750	29 kg	BSMISE50AP**
244	500/600	750	33 kg	BSMISF50AP**
244	900	1200	53 kg	BSMISF90AB*
244	900	1200	53 kg	BSMISF90AP**

*rounded top
 **flat top

Surface finish and colours

Zinc si the primary standard coating which provides better adherence fo the finishing coat, using a powder based, polyester thermo-hardening matt varnish, in standard RAL 7016 dark grey



One model, two different aesthetic approaches: flat top, rounded top. The Mistral bollard is employed to protect shop windows and glass panes against ramming vehicles. Thanks to its structure, the part below ground is as important as the one above ground.