

### Mounting variants

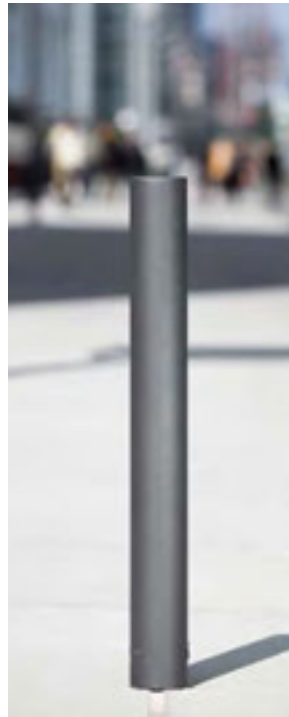
3p-Technology is by far the most frequently ordered type of mounting. It is used in more than 85% of cases, because it significantly reduces costs.



3p-Technology (Standard)  
(see pages 10–15)



3p-High



Fixed mounting



Screw-on



Fold-down\*



Door stopper

\*The embeddable fold-down version is currently available for the following bollards: Bollard 001, 010, 016, 027-1/-2, 032, 010, 059

### NOVELTY: ABES 3p-Snap Lock System

Self-latching fastening system for bollards. Quick positioning into the ground shell, easy removal without bending over.



Easy and intuitive removal with little effort.



Bollards with junction pieces (3p-Technology) fit in the same ground shell.



Available with triangular or cylinder lock

- Removable fastening system without predetermined breaking point
- Optionally with triangular or cylinder lock
- Delivery includes hybrid ground shell\* to embed in concrete
- Available for most steel or cast aluminium models, with cast emblem as well

\* Suitable for the new 3p-Snap Lock System as well as for the proven 3p-Technology.

## Special models

Paintwork, reflective tapes, finishings, eyelets, chains etc. are available on request.



1 ring – reflective tape

000.328



3 rings – reflective tape

000.328



1 ring – powder-coated

000.302



5 rings – powder-coated

000.301



With eyelets & chain

000.200/000.100



Stainless steel: smoothed, grain 240 (standard)

000.410



Stainless steel: electropolished/high-gloss

000.420



Cat's eye reflectors

000.326

## NOVELTY: Photoluminescent coating for bollards

Enhanced safety and orientation with photoluminescent bollards



Above: in daylight, below: in the dark

Many have experienced this before – while driving home by bike at night, a hidden obstacle unexpectedly appears. Without artificial lighting, such routes are particularly hazardous.

Here, photoluminescent coatings on bollards or physical barriers could provide a greater security. Due to their light emission, photoluminescent coatings are visible in the dark, especially on routes without artificial lighting.

### Features

- High durability and long service life
- Unlike conventional fluorescent colors, these photoluminescent colors do not fade. They keep their properties permanently
- Used among others in the manufacturing of firefighter helmets with significant safety relevance

## Your personal ABES bollard

*Give your bollard an individual touch and customize it with your coat of arms, your company logo or useful pictograms!*

- ✓ Applicable for all cast aluminium bollards if their geometry allows it.
- ✓ From a specific order volume, depending on the shape of the emblem, we bear the non-recurring costs for the mold. Afterwards, single bollards with emblem can also be ordered at list price.

**We assist you in designing your personal bollard.  
Feel free to contact us!**



Kayl-Tétange



Bad Urach



Volksbanken Raiffeisenbanken



Sparkassen



Heidelberg



Erbach



Stadt Heiligenhaus



Nieder-Olm



Luxembourg Fonds Kirchberg



Saarbrücken



Lindau



Luxexpo The Box



Bettembourg



Riedlingen



Airport Hamburg



Eckernförde

**INDIVIDUAL. TOP QUALITY. EFFICIENT.**

### 3 reasons for removable<sup>1</sup> bollards with emblem:

*Individual concept. Top quality processing.  
Efficient maintenance costs.*



**1** **INDIVIDUAL**

with the cast-in emblem of your city or the logo of your company

- ▶ **Accentuation of the city/municipality image respectively the enhancement of the corporate identity concept**

**2** **TOP QUALITY**

due to powder coating in DB 703 glimmer grey<sup>2</sup>

- ▶ **Effective corrosion protection with an elegant look and feel**

**3** **EFFICIENT**

thanks to the patented 3p-Technology

- ▶ **Low repair costs after the impact of a vehicle**

3p  Technologie

<sup>1</sup> Also available with other fastening options <sup>2</sup> Also available in every Classic-RAL colour