



BOLLARDS & BARRIERS



URBAN DESIGN

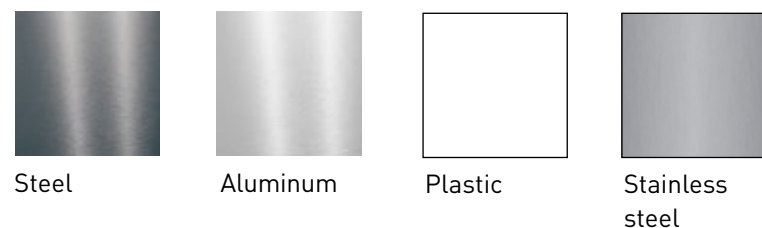
BLOCKING TECHNOLOGY



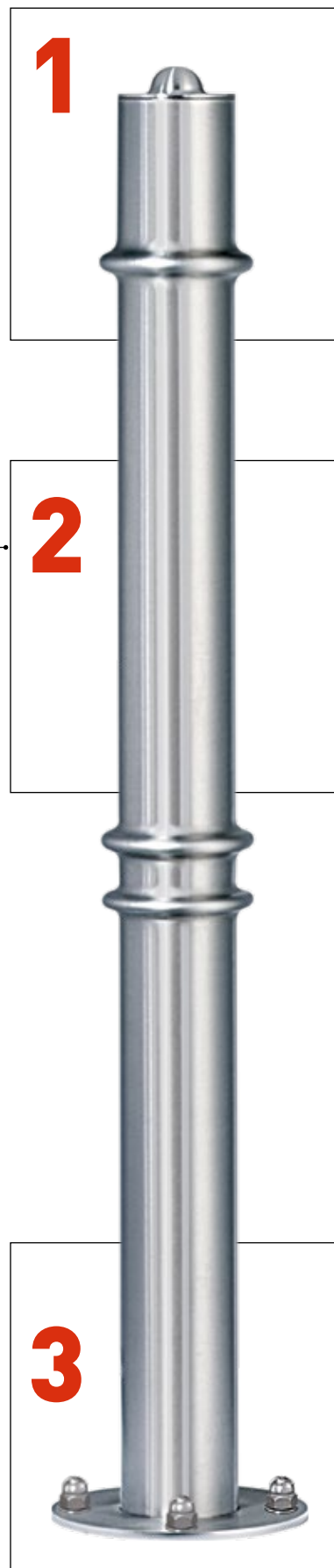
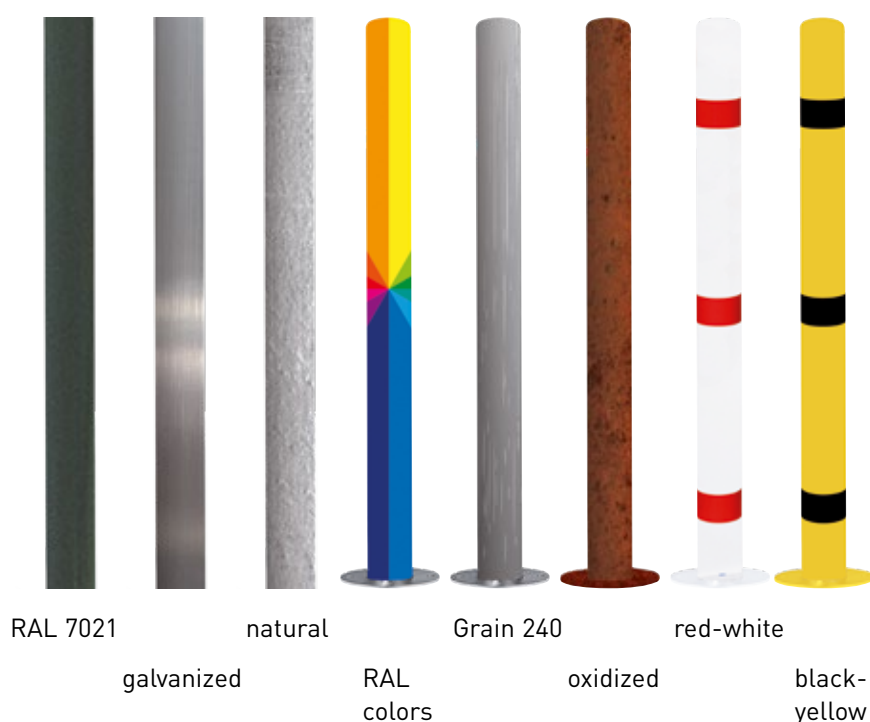
WHAT IS A POST?

The URBANUS blocking post program offer you maximum variability in the combination of different ground fastening and locking! We offer you a selection between nine possible fixing variants. The URBANUS ground sleeve of aluminum offers you a resonance-free and secure fastening of the posts in the Ground sleeves.

2. GROUND POST



SURFACES



1. HEAD VARIATIONS

Bollard



Flat head
with lifting ring

Pointed head

Chain head

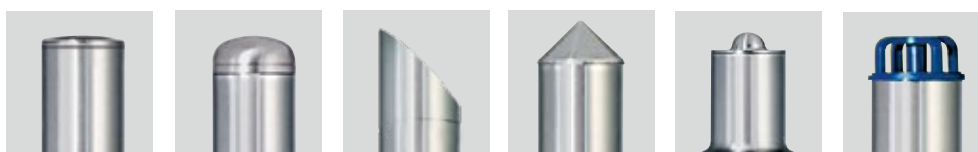
Flat head

Chain eyelet

chain hook

chain hook

Stainless steel bollard



Flat head

Round head

Slanted head

Pointed head

Semi-raised
head

Chain head



Solar head



Chain head

Ornamental bollard



Helmet head

Helmet head

Full sphere

Hemisphere

Sphere on
pipe system

Spherical
cone



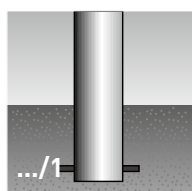
Seating
trough



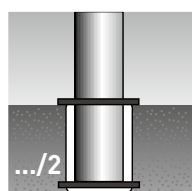
Hemisphere



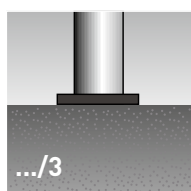
Stepped
helmet



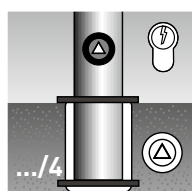
Post for
Fixed concreting



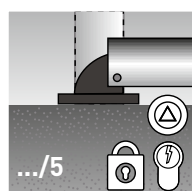
Post removable
from delivered
ground sleeve



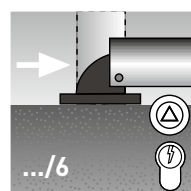
Post with base plate
for screwing on



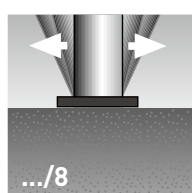
Post with interlock,
removable from
supplied ground sleeve



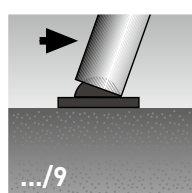
Post with interlock,
can be laid down



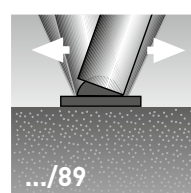
Post with interlock,
can be laid down, with
lift automatic system



Post self-aligning
for screwing on



Security post with
pre-determined
breaking point

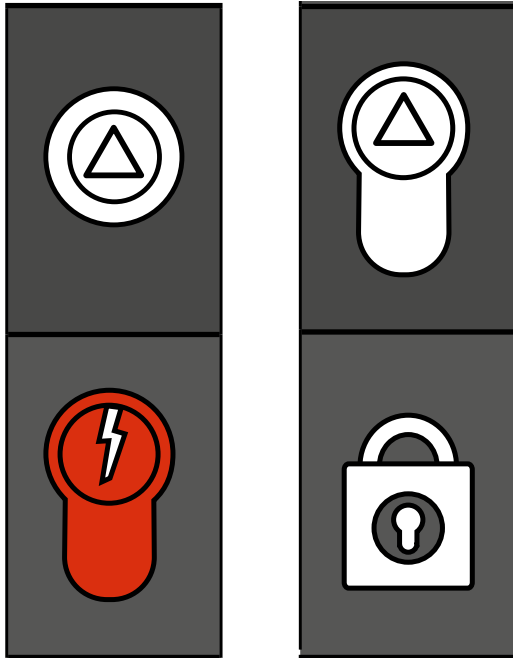


Post self-aligning (30°)
with pre-determined
breaking point.

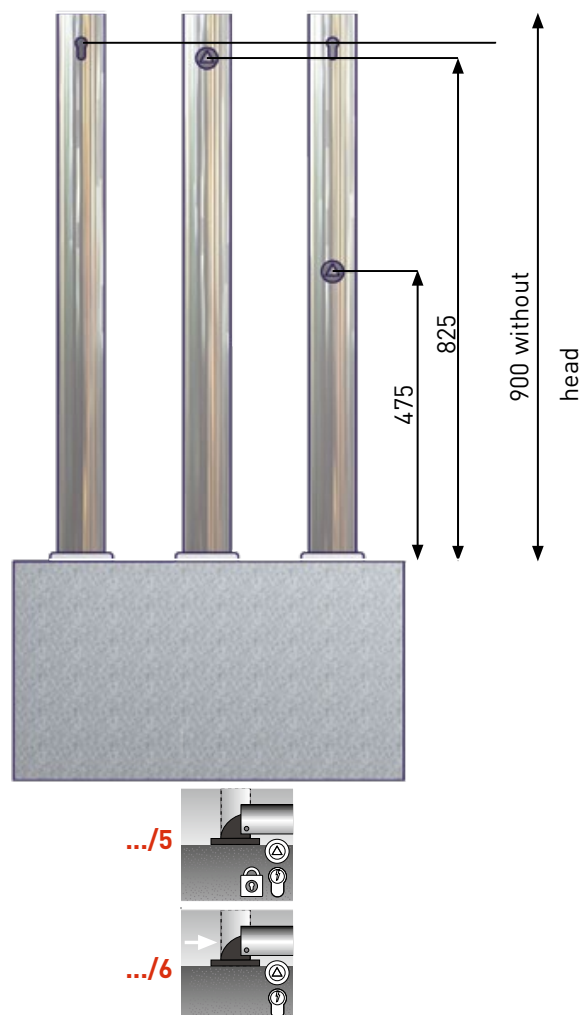
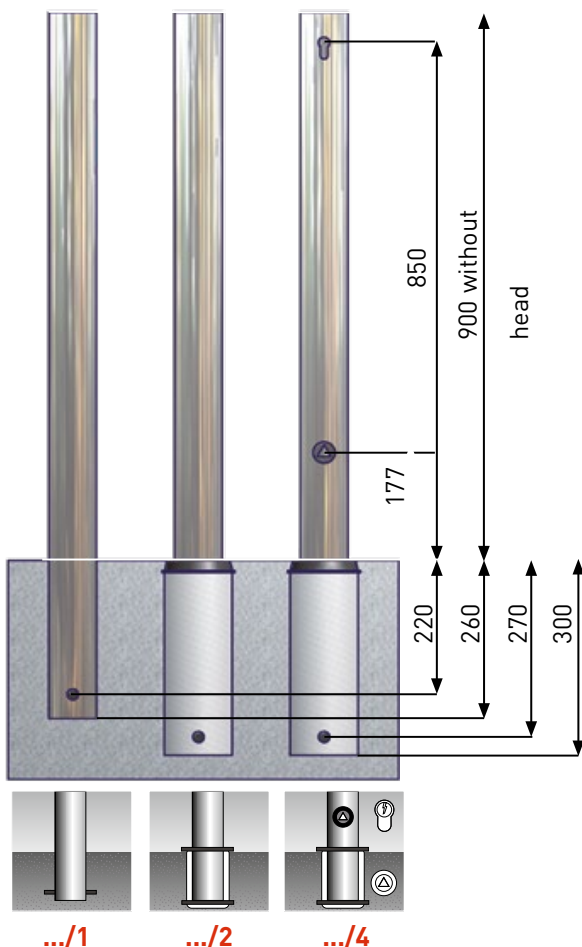
3.FASTENINGS

COMBINATIONS LOCKS

You can select between different locking combinations:



- The triangle interlocking DK in accordance with DIN 3223.
A triangular key is enclosed with every delivery free with this lock type!
- As required, we also provide DK interlocking in accordance with DIN 3222!
- The PZ profile cylinder locking CO different locking in which is installed a profile-section half cylinder 30/10 with three keys.
- The PZ profile cylinder locking self-locking CI, in which is installed a profile-section half cylinder 30/10 with three keys.
- The PZ profile cylinder locking with CM mast locking system, consisting of various locking posts and a general key (the key must be ordered separately).
- The PZ SC profile cylinder equipment, in which you can install your own standard profile-section half cylinder 30/10.
- If desired, PZ locking with 9 mm triangular lock (SP 8).
A key is enclosed free with every delivery of this lock type!
- Combination of triangular and profile cylinder locking DK/ ... so that, with both locks independently of each other, unlocking or interlocking of the post can be implemented. Here the triangular lock can be combined with the above profile cylinder locks.
- Combination locking of two profile cylinders PZ + PZ on request.
- Padlock
- KABA half-cylinder equipment on request.



CONTENTS



BOLLARD I JUPITER

! ' !#&



Parking BARRIER I MERKUR

#' !\$"



STAINLESS STEEL BOLLARD I SATURN

\$#!%



ORNAMENTAL BOLLARD I MARS

%&!*



TRAFFIC SAFETY I NEPTUN

' !' ' #



ACCESSORIES

' \$!(



BLOCKING POST | JUPITER

Steel Aluminium



MATERIAL



galvanized natural red-white black-yellow RAL-colours

SURFACES



With functional equipment, blocking posts are becoming increasingly important.

Function-blocking posts from our program are:

- Representative in design
- High-quality in design implementation
- Protected corrosion-resistant and long-life surface
- Maintenance-free, with reliable technology

Posts from our program meet all communal, business and private requirements.

The quality

Our function-blocking posts are produced from high-quality materials. We use surface refined steel, aluminium or full-penetration color plastic.

All articles are implemented in a rugged construction design for a high level of robustness and lifetime duration. Uncomplicated installation, zero maintenance and the simplest operation are natural features of the quality-control program.

Pipe dimensions

The round posts are produced from pipes with 61 mm, 76 mm or 102 mm outside diameter. The square models have external dimensions 70 x 70 mm. In steel finish the wall-thickness is 2.3-3.6 mm, with aluminum posts 2.0-3.0 mm.

Surfaces

Our products are supplied as standard with hot-galvanized surface or in natural aluminum. As an alternative, you are also provided with function-blocking posts from our program with white/red or yellow/black surfaces.

Blocking post of steel, Ø 48 mm

Height above ground 900 mm



Flat head

- with chain eyelets

red-white

**Fixed in place
for concreting in**

AS 65/1

**Removable
from ground sleeve**

AS 65/3

All posts also available
in black/yellow



SG

Blocking post of steel, Ø 32 mm, Ø 48 mm,

Height above ground 900 mm



Impact post

- with chain eyelets

white

**Fixed in place
for hammering in**

AS 64/1

**Fixed in place
for concreting in**

AS 64/2

**Blocking post of steel, hot-dip-galvanized
or hot-dip-galvanized and coated, Ø 61 mm,
Height above ground 900 mm**

Flat head



	red-white	galvanized
Fixed in place for concreting in	AS 1620/1 RW	AS 1620/1
Fixed in place for screwing on	AS 1620/3 RW	AS 1620/3
Removable from ground sleeve	AS 1620/2 RW	AS 1620/2
Removable from ground sleeve, lockable		
- with triangular lock in accordance with DIN 3223	AS 1620/4 DK RW	AS 1620/4 DK
- with profile cylinder	AS 1620/4 PZ RW	AS 1620/4 PZ

Pointed head



	red-white	galvanized
Fixed in place for concreting in	AS 16/1 RW	AS 16/1
Fixed in place for screwing on	AS 16/3 RW	AS 16/3
Removable from ground sleeve	AS 16/2 RW	AS 16/2
Removable from ground sleeve, lockable		
- with triangular lock in accordance with DIN 3223	AS 16/4 DK RW	AS 16/4 DK
- with profile cylinder	AS 16/4 PZ RW	AS 16/4 PZ



Blocking post of steel, hot-dip-galvanized or hot-dip-galvanized and coated, Ø 61 mm,
Height above ground 900 mm

Chain head

**red-white****galvanized**

**Fixed in place
for concreting in**

AS 1630/1 RW

AS 1630/1

**Fixed in place
for screwing on**

AS 1630/3 RW

AS 1630/3

**Removable
from ground sleeve**

AS 1630/2 RW

AS 1630/2

Removable from ground sleeve, lockable

- with triangular lock
in accordance with
DIN 3223

AS 1630/4 DK RW

AS 1630/4 DK

**Blocking post of steel, hot-dip-galvanized
or hot-dip-galvanized and coated, Ø 76 mm,
Height above ground 900 mm**



	red-white	galvanized
Fixed in place for concreting in	AS 1430/1 RW	AS 1430/1
Fixed in place for screwing on	AS 1430/3 RW	AS 1430/3
Removable from ground sleeve	AS 1430/2 RW	AS 1430/2
Removable from ground sleeve, lockable		
- with triangular lock in accordance with DIN 3223	AS 1430/4 DK RW	AS 1430/4 DK
- with profile cylinder	AS 1430/4 PZ RW	AS 1430/4 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 1430/4 DKPZ RW	AS 1430/4 DKPZ
Tiltable on base plate		
- with triangular lock in accordance with DIN 3223	AS 1430/5 DK RW	AS 1430/5 DK
- with profile cylinder	AS 1430/5 PZ RW	AS 1430/5 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 1430/5 DKPZ RW	AS 1430/5 DKPZ
self-aligning for screwing on	AS 1430/8 RW	AS 1430/8
For screwing on with pre-determined breaking point	AS 1430/9 RW	AS 1430/9

All posts also available
in black/yellow





Blocking post of steel, hot-dip-galvanized or hot-dip-galvanized and coated, Ø 76 mm,
Height above ground 900 mm

Flat head

**red-white****galvanized****Fixed in place
for concreting in**

AS 1420/1 RW

AS 1420/1

**Fixed in place
for screwing on**

AS 1420/3 RW

AS 1420/3

**Removable
from ground sleeve**

AS 1420/2 RW

AS 1420/2

Removable from ground sleeve, lockable

- with triangular lock in accordance with DIN 3223
- with profile cylinder
- with triangular lock in accordance with DIN 3223 and profile cylinders

AS 1420/4 DK RW

AS 1420/4 DK

AS 1420/4 PZ RW

AS 1420/4 PZ

AS 1420/4 DKPZ RW

AS 1420/4 DKPZ

Tilttable on base plate

- with triangular lock in accordance with DIN 3223
- with profile cylinder
- with triangular lock in accordance with DIN 3223 and profile cylinders

AS 1420/5 DK RW

AS 1420/5 DK

AS 1420/5 PZ RW

AS 1420/5 PZ

AS 1420/5 DKPZ RW

AS 1420/5 DKPZ

**self-aligning
for screwing on**

AS 1420/8 RW

AS 1420/8

**For screwing on
with pre-determined
breaking point**

AS 1420/9 RW

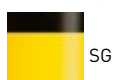
AS 1420/9

Pointed head



	red-white	galvanized
Fixed in place for concreting in	AS 14/1 RW	AS 14/1
Fixed in place for screwing on	AS 14/3 RW	AS 14/3
Removable from ground sleeve	AS 14/2 RW	AS 14/2
Removable from ground sleeve, lockable		
- with triangular lock in accordance with DIN 3223	AS 14/4 DK RW	AS 14/4 DK
- with profile cylinder	AS 14/4 PZ RW	AS 14/4 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 14/4 DKPZ RW	AS 14/4 DKPZ
Tiltable on base plate		
- with triangular lock in accordance with DIN 3223	AS 14/5 DK RW	AS 14/5 DK
- with profile cylinder	AS 14/5 PZ RW	AS 14/5 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 14/5 DKPZ RW	AS 14/5 DKPZ
self-aligning for screwing on	AS 14/8 RW	AS 14/8
For screwing on with pre-determined breaking point	AS 14/9 RW	AS 14/9

All posts also available
in black/yellow





Blocking post of steel, hot-dip-galvanized or hot-dip-galvanized and coated, Ø 102 mm, Height above ground 900 mm

Flat head



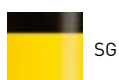
	red-white	galvanized
Fixed in place for concreting in	AS 1020/1 RW	AS 1020/1
Fixed in place for screwing on	AS 1020/3 RW	AS 1020/3
Removable from ground sleeve	AS 1020/2 RW	AS 1020/2
Removable from ground sleeve, lockable		
- with triangular lock in accordance with DIN 3223	AS 1020/4 DK RW	AS 1020/4 DK
- with profile cylinder	AS 1020/4 PZ RW	AS 1020/4 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 1020/4 DKPZ RW	AS 1020/4 DKPZ
self-aligning for screwing on	AS 1020/8 RW	AS 1020/8
For screwing on with pre-determined breaking point	AS 1020/9 RW	AS 1020/9
Self-aligning for screwing on with pre-determined breaking point	AS 1020/89 RW	AS 1020/89

Pointed head



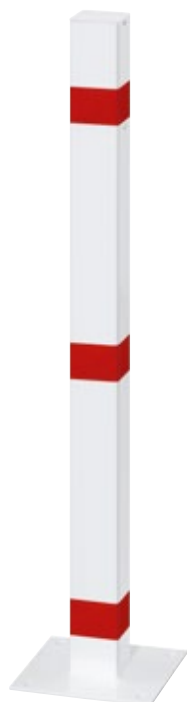
	red-white	galvanized
Fixed in place for concreting in	AS 10/1 RW	AS 10/1
Fixed in place for screwing on	AS 10/3 RW	AS 10/3
Removable from ground sleeve	AS 10/2 RW	AS 10/2
Removable from ground sleeve, lockable		
- with triangular lock in accordance with DIN 3223	AS 10/4 DK RW	AS 10/4 DK
- with profile cylinder	AS 10/4 PZ RW	AS 10/4 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 10/4 DKPZ RW	AS 10/4 DKPZ
self-aligning for screwing on	AS 10/8 RW	AS 10/8
For screwing on with pre-determined breaking point	AS 10/9 RW	AS 10/9
Self-aligning for screwing on with pre-determined breaking point	AS 10/89 RW	AS 10/89

All posts also available in black/yellow





Blocking post of steel, hot-dip-galvanized or hot-dip-galvanized and coated, ■ 70 mm,
Height above ground 900 mm



Flat head



	red-white	galvanized
Fixed in place for concreting in	AS 1220/1 RW	AS 1220/1

Fixed in place for screwing on	AS 1220/3 RW	AS 1220/3
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Removable from ground sleeve	AS 1220/2 RW	AS 1220/2
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Removable from ground sleeve, lockable

- with triangular lock in accordance with DIN 3223	AS 1220/4 DK RW	AS 1220/4 DK
- with profile cylinder	AS 1220/4 PZ RW	AS 1220/4 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 1220/4 DKPZ RW	AS 1220/4 DKPZ

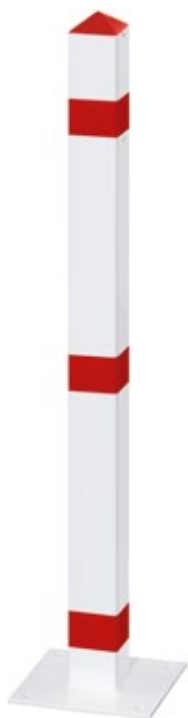
Tiltable on base plate

- with triangular lock in accordance with DIN 3223	AS 1220/5 DK RW	AS 1220/5 DK
- with profile cylinder	AS 1220/5 PZ RW	AS 1220/5 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 1220/5 DKPZ RW	AS 1220/5 DKPZ

	red-white	galvanized
Tiltable (tiltable and removable) for concreting in		
- with triangular lock in accordance with DIN 3223	AS 1220/51 DK RW	AS 1220/51 DK

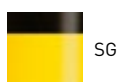


Pointed head



	red-white	galvanized
Fixed in place for concreting in	AS 12/1 RW	AS 12/1
Fixed in place for screwing on	AS 12/3 RW	AS 12/3
Removable from ground sleeve	AS 12/2 RW	AS 12/2
Removable from ground sleeve, lockable		
- with triangular lock in accordance with DIN 3223	AS 12/4 DK RW	AS 12/4 DK
- with profile cylinder	AS 12/4 PZ RW	AS 12/4 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 12/4 DKPZ RW	AS 12/4 DKPZ
Tiltable on base plate		
- with triangular lock in accordance with DIN 3223	AS 12/5 DK RW	AS 12/5 DK
- with profile cylinder	AS 12/5 PZ RW	AS 12/5 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 12/5 DKPZ RW	AS 12/5 DKPZ

All posts also available
in black/yellow





Blocking post of steel, hot-dip-galvanized or hot-dip-galvanized and coated, ■ 70 mm,
Height above ground 900 mm

Flat head



red-white

galvanized

Tilttable and lockable with padlock for surface fixing by screws

AS 1520/5 RW

AS 1520/5

Tilttable and lockable with padlock for concreting in

AS 1520/1 RW

AS 1520/1

Pointed head



red-white

galvanized

Tilttable and lockable with padlock for surface fixing by screws

AS 15/5 RW

AS 15/5

Tilttable and lockable with padlock for concreting in

AS 15/1 RW

AS 15/1

All posts also available in black/yellow



SG

**Passage block of steel, hot-dip-galvanized
or hot-dip-galvanized and coated, ■ 70 mm,**
Height above ground 900 mm

Flat head


	red-white	galvanized
Fixed in place for concreting in	AS 7120/1 RW	AS 7120/1
Fixed in place for screwing on	AS 7120/3 RW	AS 7120/3
Removable from ground sleeve	AS 7120/2 RW	AS 7120/2
Removable from ground sleeve, lockable		
- with triangular lock in acc. with DIN 3223	AS 7120/4 DK RW	AS 7120/4 DK
-with profile cylinder	AS 7120/4 PZ RW	AS 7120/4 PZ
Tiltable on base plate		
- with triangular lock in acc. with DIN 3223	AS 7120/5 DK RW	AS 7120/5 DK
-with profile cylinder	AS 7120/5 PZ RW	AS 7120/5 PZ
Tiltable (tiltable and removabel) for concreting in		
- with triangular lock in acc. with DIN 3223	AS 7120/51 DK RW	AS 7120/51 DK

Pointed head


	red-white	galvanized
Fixed in place for concreting in	AS 71/1 RW	AS 71/1
Fixed in place for screwing on	AS 71/3 RW	AS 71/3
Removable from ground sleeve	AS 71/2 RW	AS 71/2
Removable from ground sleeve, lockable		
- with triangular lock in acc. with DIN 3223	AS 71/4 DK RW	AS 71/4 DK
-with profile cylinder	AS 71/4 PZ RW	AS 71/4 PZ
Tiltable on base plate		
- with triangular lock in acc. with DIN 3223	AS 71/5 DK RW	AS 71/5 DK
-with profile cylinder	AS 71/5 PZ RW	AS 71/5 PZ
Tiltable (tiltable and removabel) for concreting in		
- with triangular lock in acc. with DIN 3223	AS 71/51 DK RW	AS 71/51 DK



**Blocking posts of natural aluminum
or additionally coated, Ø 60 mm,
Height above ground 900 mm**

Pointed head



	red-white	natural alum
Fixed in place for concreting in	AS 63/1 RW	AS 17/1
Fixed in place for screwing on	AS 63/3 RW	AS 17/3
Removable from ground sleeve	AS 63/2 RW	AS 17/2
Removable from ground sleeve, lockable		
- with triangular lock in accordance with DIN 3223	AS 63/4 DK RW	AS 17/4 DK

Chain head red



	red-white	natural alum
Fixed in place for concreting in	AS 62/1 RW	AS 1730/1
Fixed in place for screwing on	AS 62/3 RW	AS 1730/3
Removable from ground sleeve	AS 62/2 RW	AS 1730/2
Removable from ground sleeve, lockable		
- with triangular lock in accordance with DIN 3223	AS 62/4 DK RW	AS 1730/4 DK

Blocking posts of natural aluminum or additionally coated, Ø 76 mm,

Height above ground 900 mm

Pointed head



	red-white	natural alum
Fixed in place for concreting in	AS 1 RW	AS 1
Fixed in place for screwing on	AS 3 RW	AS 3
Removable from ground sleeve	AS 2 RW	AS 2
Removable from ground sleeve, lockable		
- with triangular lock in accordance with DIN 3223	AS 4 DK RW	AS 4 DK
- with profile cylinder	AS 4 PZ RW	AS 4 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 4 DKPZ RW	AS 4 DKPZ
Tiltable on base plate		
- with triangular lock in accordance with DIN 3223	AS 5 DK RW	AS 5 DK
- with profile cylinder	AS 5 PZ RW	AS 5 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 5 DKPZ RW	AS 5 DKPZ
self-aligning for screwing on	AS 8 RW	AS 8
For screwing on with pre-determined breaking point	AS 9 RW	AS 9

All posts also available
in black/yellow



SG



**Blocking posts of natural aluminum
or additionally coated, Ø 102 mm,
height above ground 900 mm**

Pointed head



**Fixed in place
for concreting in**

red-white

AS 11/1 RW

natural alum

AS 11/1

**Fixed in place
for screwing on**

AS 11/3 RW

AS 11/3

**Removable
from ground sleeve**

AS 11/2 RW

AS 11/2

Removable from ground sleeve, lockable

- with triangular lock in accordance with DIN 3223
- with profile cylinder
- with triangular lock in accordance with DIN 3223 and profile cylinders

AS 11/4 DK RW

AS 11/4 DK

AS 11/4 PZ RW

AS 11/4 PZ

AS 11/4 DKPZ RW

AS 11/4 DKPZ

**self-aligning
for screwing on**

AS 11/8 RW

AS 11/8

**For screwing on
with pre-determined
breaking point**

AS 11/9 RW

AS 11/9

**Self-aligning
for screwing on with
pre-determined
breaking point**

AS 11/89 RW

AS 11/89

All posts also available
in black/yellow



SG

Blocking posts of natural aluminum or addit. coated, Ø 76 mm, Security post with lift automatic system, height above ground 900 mm

Pointed head



Tilttable and lockable with fire department triangle in accordance with DIN 3223

red-white

AS 6 DK RW

natural alum

AS 6 DK

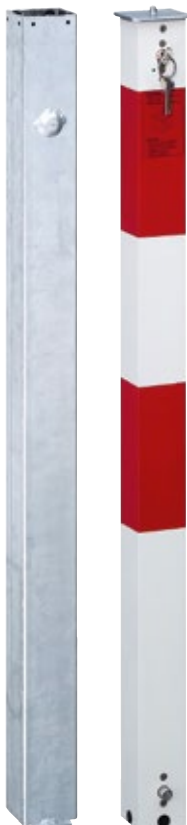
Tilttable and lockable with profile cylinder

AS 6 PZ RW

AS 6 PZ

The post is pressed with the foot to the ground and clamped. With light pressure on the release element, the post is set up and locked automatically.

Flat head



Blocking post of coated aluminum, ■ 70 x 70 mm countersink-capable,
Height above ground 900 mm

red-white

AS 530 RW

red-white and additionally in counter-sunk lockable status

AS 530-1 RW

Height above ground
length below ground

900 mm
1160 mm

900 mm
1160 mm

- Fastening by concreting in the support.
- Post locked automatically with pulling out.
- Ground-flush, drive-over cover.



**Blocking posts of natural aluminum
or additionally coated, ■ 70 mm,**
Height above ground 900 mm

Pointed head



red-white

natural alum

Fixed in place for concreting in

AS 13/1 RW

AS 13/1

Fixed in place for screwing on

AS 13/3 RW

AS 13/3

Removable from ground sleeve

AS 13/2 RW

AS 13/2

Removable from ground sleeve, lockable

- with triangular lock in accordance with DIN 3223
- with profile cylinder
- with triangular lock in accordance with DIN 3223 and profile cylinders

AS 13/4 DK RW

AS 13/4 DK

AS 13/4 PZ RW

AS 13/4 PZ

AS 13/4 DKPZ RW

AS 13/4 DKPZ

Tilttable on base plate

- with triangular lock in accordance with DIN 3223
- with profile cylinder
- with triangular lock in accordance with DIN 3223 and profile cylinders

AS 13/5 DK RW

AS 13/5 DK

AS 13/5 PZ RW

AS 13/5 PZ

AS 13/5 DKPZ RW

AS 13/5 DKPZ

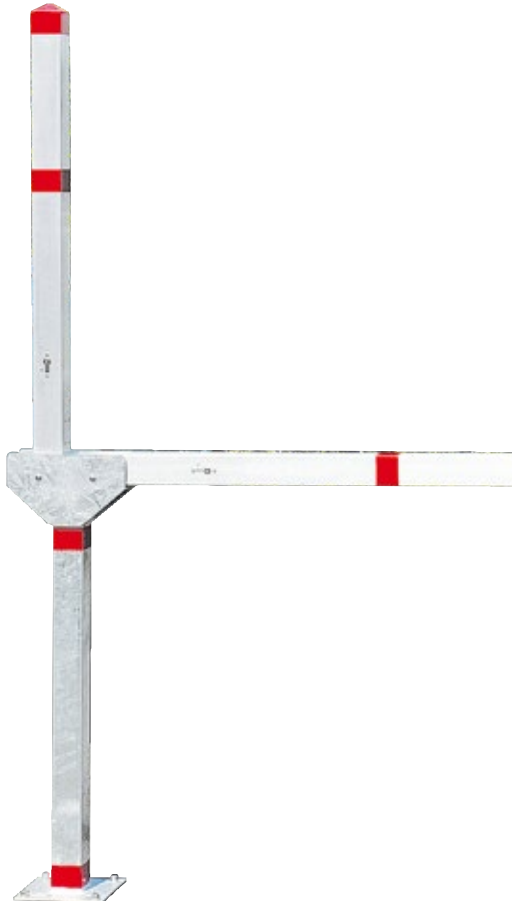
All posts also available
in black/yellow



SG

**Double-arm blocking post
for two parking spaces ■ 70 mm,**
Height above ground 900 mm

Pointed head

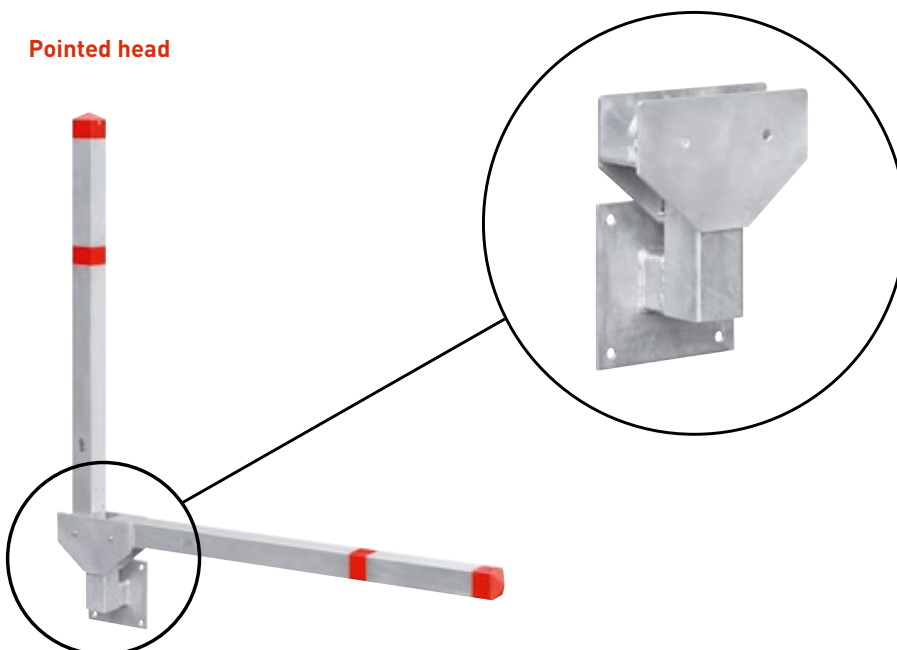


Natural alum

for screwing on	AS DA/3
with wall fastening	AS DA/22
Height above ground open	1900 mm
Height above ground closed	900 mm
Shut-off width	2200 mm

- Only one post for two parking spaces.
- With heavy-duty galvanized bracket and lateral pivoting aluminum arm.
- Arm separately lockable with profile cylinder.
- Arms engage automatically in closed and open position.
- Also available as a one-arm unit.
- Signal effect through reflecting foil.

Pointed head





Mobile plastic post,
Ø 48 mm + Ø 60 mm,
 Height above ground 900 mm



**Head with.
Chain hook**

**red-
white
0,8 kg**

AS 601-1
RW

**red-
white
3,5 kg**

AS 603-1
RW

**black-
yellow
0,8 kg**

AS 602-1
SG

**black-
yellow
3,5 kg**

AS 604-1
SG

**red-
white
1,2 kg**

AS 901-
RW

**red-
white
9,0 kg**

AS 903-
RW

**black-
yellow
1,2 kg**

AS 902-
SG

**black-
yellow
9,0 kg**

AS 904-
SG

Pointed head



Post of plastic, Ø 60 mm,
base plate 200 x 200 mm,
 Height above around 900 mm

Pointed head Chain head

**Fixed in place
for concreting in**

SP 2/1

SP 3/1

**Fixed in place
for screwing on**

SP 2/3

SP 3/3

**Removable
aus Bodenhülse**

SP 2/2

SP 3/2

**Parking Ø 60 mm,
Mushroom Ø 215 mm, mushroom height 200 mm,**
Height above around 900 mm

Chain head



**Parking
Mushroom**

**Pointed
head**

**Chain
head**

mobil posts
unfilled

AS PL 60

AS PL 630

AS PL 620

mobil posts
filled

AS P 60

AS P 630

AS P 620

Guide barrier of plastic, width 100 x height 90 mm,
with two reflectors on the front sides length 900 mm or 450 mm



yellow

white

**Fixed in place
for screwing on
450 mm**

AS LBG 45

AS LBW 45

**Fixed in place
for screwing on
900 mm**

AS LBG 90

AS LBW 90



BLOCKING HOOP | MERKUR

MERKUR

Blocking hoop for screwing on

Blocking hoop from the program are:

- Elegant design shape
- High-quality in design implementation
- Simple and easy to operate
- Ideal for confined mounting positions
- CAD optimized
- Protected corrosion-resistant and long-life surface
- Maintenance-free, with reliable technology

Blocking hoops from our program meet all communal, business and private requirements.

The quality

Our products are produced from high-quality materials. We use only surface refined steel. All articles are designed with rugged construction design for a high level of robustness and lifetime duration. Uncomplicated installation, zero maintenance and the simplest operation are natural features of the quality-control program.

Pipe dimensions

The blocking hoop are produced from pipes with 26, 40, 54 or 61 mm outer diameter. The square models have an external dimension of 50 x 80 or 70 x 70 mm. Height of the blocking hoop extends from 0.50 to 0.90 m above ground.

Surfaces

As standard our products are supplied in hot-galvanized surface. Alternatively, you are provided with blocking elements of the type FLEXY® also with white/red surfaces.



Pointed head



Galvanized steel

for screwing on

Height above ground
500 mm

AS 505

for screwing on

Height above ground
900 mm

AS 510

- Tire-protective, with round-offs and the use of high stress-capable plastic hinges.
- Signal effect through reflecting foil.
- Post ø: 60/40 mm
- Total width: 760 mm
- Drive-over height approx. 75 mm



Galvanized steel

for screwing on

Height above ground
455 mm

TUB 1000

- Fastening secure against theft, complete accessories, security nuts included in the scope of delivery as a standard feature.
- Post ø: 54 mm
- Drive-over height approx. 80 mm
- Width: 850 mm

Galvanized steel

for screwing on

TUB 1010

Height above ground
460 mm

- Fastening secure against theft, complete accessories, including security nuts as a standard feature in the scope of delivery.
- Post \varnothing : 48 mm
- Drive-over height approx. 55 mm
- Width: 850 mm

Galvanized steel

for screwing on

TUB 2020

Height above ground
475 mm

- Fastening secure against theft, complete accessories, including security nuts as a standard feature in the scope of delivery.
- Dimension of the front side
 - width: 155 mm
 - Height: 430 mm
- Drive-over height approx. 90 mm
- Width: 780 mm

**MERKUR**

Blocking hoop for screwing on

Flat head

FLEXY® Flexible parking hoop

Galvanized steel**for screwing on**

for screwing on
flexible side hoops
drive-impact-secure,
central post and hoop
are elastic stored

Flexy B 600**for screwing on**

inflexible side hoop

Flexy F 600

Width	1000 mm
Height	600 mm

- Slope up to 45°.
- Fastening secure against theft, complete accessories, security nuts included in the scope of delivery as a standard feature.
- Signal effect through reflecting foil.
- Post □ : 50 x 80 mm
- Base plate: 150 x 250 mm
- Drive-over height approx. 75 mm

Flat head

FLEXY® Flexible blocking post

Galvanized steel**for screwing on**

Height above ground
600 mm

Flexy P 600**for screwing on**

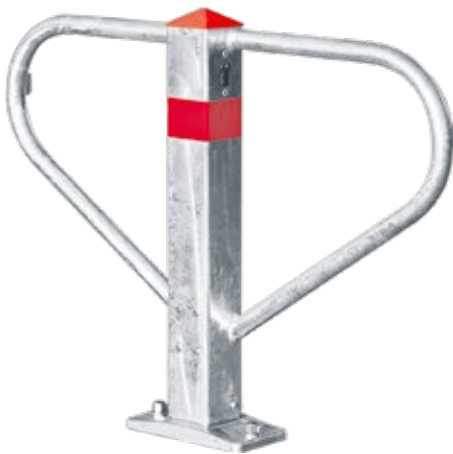
Height above ground
750 mm

Flexy P 750

- Secure against impact, post slope up to 45°.
- Fastening secure against theft, complete accessories, security nuts included in the scope of delivery as a standard feature.
- Signal effect through reflecting foil.
- Post .: 50 x 80 mm
- Base plate: 250 x 150 mm
- Drive-over height approx. 75 mm

Passage block

Pointed head



Natural alum

**Tiltable
for screwing on**

AS 525

Height above ground
500 mm

- Prevents through-passage with parallel arrangement.
- Lockable as series standard.
- Hinges from rugged, pressure-die casting design.
- Signal effect through reflecting foil.
- Post □ : 70 x 70 mm
- Blocking width: 770 mm
- Base plate: 200 x 100 mm

stainless steel

for concreting in

ASE 40/1

for screwing on

AS 40/3

**for screwing on
self-aligning**

AS 40/8

Height above ground:
Typ 40/3 und 40/8 650 mm

- Surface: ground off
- Pipe ø: 76 mm
- Hoop width: 650 mm
- Overall length: 650 mm

Round head



stainless steel

**Tiltable
for screwing on**

ASE F 1000

Height above ground:
630 mm

- Surface: ground off
- Stand pipe Ø: 76 mm
- Pipe bend Ø: 32 mm
- Hoop width: among other things 820 mm



Blocking hoop for screwing on



Park Protect Solar/Park Protect Automatic parking space block

Tiltable

For screwing on

with remote control
to 12 m

AS PP Solar

Width	230 mm
length	750 mm

- Operation independent of the mains using solar cells or battery.
- Maintenance-free function.
- Drive-over height: 95 mm
- Hoop height: 730 mm
- Hoop opposing force: 0.5 kg

Versorgung:

- Park Protect Solar: 6 V Akku (geladen durch Solarzelle)
- Funktionszeitraum: ca. 6 Monate (anschl. Akku aufladen)

Parc Protect /Park Protect Automatic parking space blocking

Tiltable

For screwing on

with remote control
to 12 m

AS PP

Width	230 mm
length	750 mm

- Maintenance-free function.
- Drive-over height: 95 mm
- Hoop height: 730 mm
- Hoop opposing force: 0.5 kg

Supply:

- Park Protect: 6 V battery
- Function period of time: approx. 6 months (then charge battery)

Passage block



Passage block

Alum coated

AS SPM/3

For screwing on

- controllable to 12 m with remote control
- With emergency unlocking without the use of tools.

- No electrical installation required.
- Compact pre-assembled unit.
- Control using solar power.
- Blocking arm equipped with reflecting strips.
- With permanently reliable technology.
- Base plate: 200 x 200 x 5 mm hole spacing
- Base plate: 165 x 165 mm
- Blocking widths: 1000 mm, 1500 mm, 2000 mm, 2500 mm
- Blocking beam: Ø 60 mm
- Base column: 150x150mm
- Remote controls: max. 25 items per block
- Standard coating in RAL 9006



Alum coated

AS SPM/22

For screwing on

- 90 ° pivoting
- Wall fastening

- Wall plate: 200 x 200 x 5 mm
- Hole spacing: 165 x 165
- Blocking widths: 100 mm, 1500 mm, 2000 mm, 2500 mm
- Blocking beam: Ø 60 mm
- Base column: 150 x 150 x 550



STAINLESS STEEL POST | SATURN



ground
Grain 240



glass-bead-
shotblasted

SURFACES

Posts of stainless steel are an economical investment for the future.

- Representative in design
- High-quality in design implementation
- Corrosion-resistant and long-lived in the surface
- Maintenance-free, with reliable technology

Stainless steel posts effectively underline representative local areas and heavily frequented zones.

The quality

URBANUS products are produced from high-quality materials. We use only stainless steel of quality V2A and V4A.

Post of steel which does not rust.

Rustproof stainless steel are used where lifetime duration and special expectations are placed on long life

of the component parts over a very long period of time. The combination of chrome and nickel provides the stainless steel with characteristics which make them favorable for use as blocking posts.

- Stainless steel is to a large extent salt and acid resistant, rustless and available in ground-off and glass-bead-shotblasted surface.
- Products of stainless steel are not only insensitive to environmental impacts, but are characterized by hardness, toughness and a high level heat and cold compatibility.

Please consider the following maintenance notes:

Prerequisites for a permanent resistance of all parts of rustproof stainless steel: The surface must always be kept clean. The surface must remain unharmed: Damage

during use, during cleaning or repair work through hard, particularly metallic objects of non rust-free material, must be avoided.

The surface may not come in contact with rusting parts: External rust, as well as a rust film give the appearance of rust on stainless-steel parts. If such discoloration has occurred, it is to be eliminated as quickly as possible. We recommend surface protection for stainless steel OAE, 400 ml, sufficient for approx. 20 posts and stainless steel polishing as well as PAE cleaning paste, 500 g, sufficient for approx. 100 posts.



Blocking post of stainless steel, V2A, Ø 61 mm,
Height above ground 900 mm

Bollard

Parking barrier

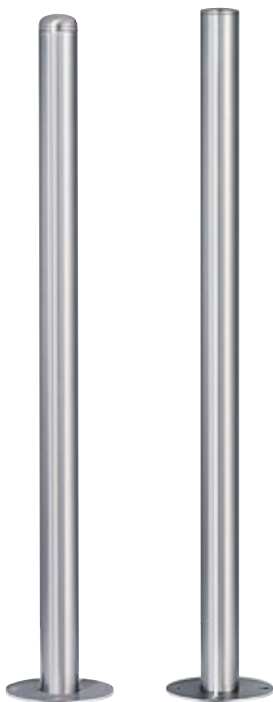
Stainless steel bollards

Ornamental bollards

Traffic safety

Accessories

Round head Flat head



Round	
Fixed in place for concreting in	ASE 30/1
Fixed in place for screwing on	ASE 30/3
Removable from ground sleeve	ASE 30/2
Removable from ground sleeve, lockable	
- with triangular lock in accordance with DIN 3223	ASE 30/4 DK
- with profile cylinder	ASE 30/4 PZ

Flat	
Fixed in place for concreting in	ASE 39/1
Fixed in place for screwing on	ASE 39/3
Removable from ground sleeve	ASE 39/2
Removable from ground sleeve, lockable	
- with triangular lock in accordance with DIN 3223	ASE 39/4 DK
- with profile cylinder	ASE 39/4 PZ

Pointed head

Fixed in place for concreting in	ASE 37/1
Fixed in place for screwing on	ASE 37/3
Removable from ground sleeve	ASE 37/2
Removable from ground sleeve, lockable	
- with triangular lock in accordance with DIN 3223	ASE 37/4 DK
- with profile cylinder	ASE 37/4 PZ

Hemisphere

Fixed in place for concreting in	ASE 38/1
Fixed in place for screwing on	ASE 38/3
Removable from ground sleeve	ASE 38/2
Removable from ground sleeve, lockable	
- with triangular lock in accordance with DIN 3223	ASE 38/4 DK
- with profile cylinder	ASE 38/4 PZ

Chain head

Fixed in place for concreting in	ASE 31/1
Fixed in place for screwing on	ASE 31/3
Removable from ground sleeve	ASE 31/2
Removable from ground sleeve, lockable	
- with triangular lock in accordance with DIN 3223	ASE 31/4 DK
- with profile cylinder	ASE 31/4 PZ

Pointed head Chain head Hemisphere





Blocking post of stainless steel, V2A, Ø 76 mm,
Height above ground 900 mm

Round head



Flat head



	Round head	Flat head
Fixed in place for concreting in	ASE 32/1	ASE 46/1
Fixed in place for screwing on	ASE 32/3	ASE 46/3
Removable from ground sleeve	ASE 32/2	ASE 46/2
Removable from ground sleeve, lockable		
- with triangular lock in accordance with DIN 3223	ASE 32/4 DK	ASE 46/4 DK
- with profile cylinder	ASE 32/4 PZ	ASE 46/4 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	ASE 32/4 DKPZ	ASE 46/4 DKPZ
Tiltable on base plate		
- with triangular lock in accordance with DIN 3223	ASE 32/5 DK	ASE 46/5 DK
- with profile cylinder	ASE 32/5 PZ	ASE 46/5 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	ASE 32/5 DKPZ	ASE 46/5 DKPZ
Self-aligning for screwing on	ASE 32/8	ASE 46/8
For screwing on with pre-determined breaking point	ASE 32/9	ASE 46/9

Pointed head

Hemisphere

Chain head


	Pointed head	Hemisphere	Chain head
Fixed in place for concreting in	ASE 47/1	ASE 48/1	ASE 49/1
Fixed in place for screwing on	ASE 47/3	ASE 48/3	ASE 49/3
Herausnehmbar from ground sleeve	ASE 47/2	ASE 48/2	ASE 49/2
Removable from ground sleeve, lockable			
- with triangular lock in accordance with DIN 3223	ASE 47/4 DK	ASE 48/4 DK	ASE 49/4 DK
- with profile cylinder	ASE 47/4 PZ	ASE 48/4 PZ	ASE 49/4 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	ASE 47/4 DKPZ	ASE 48/4 DKPZ	ASE 49/4 DKPZ
Tiltable on base plate			
- with triangular lock in accordance with DIN 3223	ASE 47/5 DK	ASE 48/5 DK	ASE 49/5 DK
- with profile cylinder	ASE 47/5 PZ	ASE 48/5 PZ	ASE 49/5 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	ASE 47/5 DKPZ	ASE 48/5 DKPZ	ASE 49/5 DKPZ
Self-aligning for screwing on	ASE 47/8	ASE 48/8	ASE 49/8
For screwing on with pre-determined breaking point	ASE 47/9	ASE 48/9	ASE 49/9



Blocking post of stainless steel, V2A, Ø 102 mm,
Height above ground 900 mm

Round head



**Fixed in place
for concreting in**

Rundkopf

ASE 34/1

Flachkopf

ASE 64/1

**Fixed in place
for screwing on**

ASE 34/3

ASE 64/3

**Removable
from ground sleeve**

ASE 34/2

ASE 64/2

Removable from ground sleeve, lockable

- with triangular lock in accordance with DIN 3223
- with profile cylinder
- with triangular lock in accordance with DIN 3223 and profile cylinders

ASE 34/4 DK

ASE 64/4 DK

ASE 34/4 PZ

ASE 64/4 PZ

ASE 34/4 DKPZ

ASE 64/4 DKPZ

**Self-aligning
for screwing on**

ASE 34/8

ASE 64/8

Flat head



**For screwing on
with pre-determined
breaking point**

ASE 34/9

ASE 64/9

**Self-aligning
for screwing on
with pre-determined
breaking point**

ASE 34/89

ASE 64/89

Pointed head



Pointed head Hemisphere

**Fixed in place
for concreting in**

ASE 65/1

ASE 66/1

**Fixed in place
for screwing on**

ASE 65/3

ASE 66/3

**Removable
from ground sleeve**

ASE 65/2

ASE 66/2

Removable from ground sleeve, lockable

- with triangular lock in accordance with DIN 3223
- with profile cylinder
- with triangular lock in accordance with DIN 3223 and profile cylinders

ASE 65/4 DK

ASE 66/4 DK

ASE 65/4 PZ
ASE 65/4 DKPZ

ASE 66/4 PZ
ASE 66/4 DKPZ

**Self-aligning
for screwing on**

ASE 65/8

ASE 66/8

Hemisphere



**For screwing on
with pre-determined
breaking point**

ASE 65/9

ASE 66/9

**Self-aligning
for screwing on
with pre-determined
breaking point**

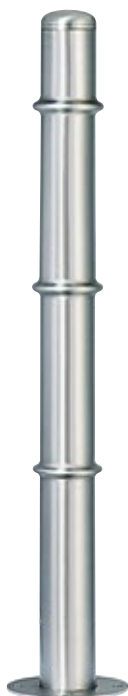
ASE 65/89

ASE 66/89



**Blocking post of stainless steel, V2A,
Ø 76 mm with compressed decorative ring**
Height above ground 900 mm

Round head



Hemisphere



Round head

Hemisphere

**Fixed in place
for concreting in**

ASE 36/1

ASE 54/1

**Fixed in place
for screwing on**

ASE 36/3

ASE 54/3

**Removable
from ground sleeve**

ASE 36/2

ASE 54/2

Removable from ground sleeve, lockable

- with triangular lock in accordance with DIN 3223
- with profile cylinder
- with triangular lock in accordance with DIN 3223 and profile cylinders

ASE 36/4 DK

ASE 54/4 DK

ASE 36/4 PZ

ASE 54/4 PZ

ASE 36/4 DKPZ

ASE 54/4 DKPZ

Tiltable on base plate

- with triangular lock in accordance with DIN 3223
- with profile cylinder
- with triangular lock in accordance with DIN 3223 and profile cylinders

ASE 36/5 DK

ASE 54/5 DK

ASE 36/5 PZ

ASE 54/5 PZ

ASE 36/5 DKPZ

ASE 54/5 DKPZ

**Self-aligning
for screwing on**

ASE 36/8

ASE 54/8

**For screwing on
with pre-determined
breaking point**

ASE 36/9

ASE 54/9

Blocking post of stainless steel, V2A, Ø 76 mm with compressed decorative ring

Height above ground 900 mm

Round head

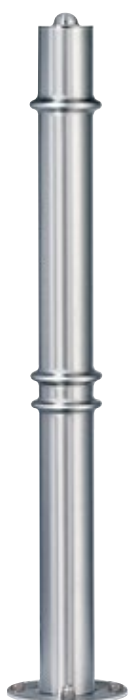


	Round head	Hemisphere
Fixed in place for concreting in	ASE 35/1	ASE 56/1
Fixed in place for screwing on	ASE 35/3	ASE 56/3
Removable from ground sleeve	ASE 35/2	ASE 56/2
Removable from ground sleeve, lockable		
- with triangular lock in accordance with DIN 3223	ASE 35/4 DK	ASE 56/4 DK
- with profile cylinder	ASE 35/4 PZ	ASE 56/4 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	ASE 35/4 DKPZ	ASE 56/4 DKPZ

Tiltable on base plate

- with triangular lock in accordance with DIN 3223	ASE 35/5 DK	ASE 56/5 DK
- with profile cylinder	ASE 35/5 PZ	ASE 56/5 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	ASE 35/5 DKPZ	ASE 56/5 DKPZ

Hemisphere



Self-aligning for screwing on	ASE 35/8	ASE 56/8
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For screwing on with pre-determined breaking point	ASE 35/9	ASE 56/9
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**Blocking post of stainless steel,
V4A, Ø 76 mm,
Height above ground 900 mm**

Round head



Flat head



Round head

Flat head

**Fixed in place
for concreting in**

ASE 84/1

ASE 83/1

**Fixed in place
for screwing on**

ASE 84/3

ASE 83/3

**Removable
from ground sleeve**

ASE 84/2

ASE 83/2

Removable from ground sleeve, lockable

- with triangular lock in accordance with DIN 3223
- with profile cylinder
- with triangular lock in accordance with DIN 3223 and profile cylinder

ASE 84/4 DK

ASE 83/4 DK

ASE 84/4 PZ

ASE 83/4 PZ

ASE 84/4 DKPZ

ASE 83/4 DKPZ

Tiltable on base plate

- with triangular lock in accordance with DIN 3223
- with profile cylinder
- with triangular lock in accordance with DIN 3223 and profile cylinders

ASE 84/5 DK

ASE 83/5 DK

ASE 84/5 PZ

ASE 83/5 PZ

ASE 84/5 DKPZ

ASE 83/5 DKPZ

**Self-aligning
for screwing on**

ASE 84/8

ASE 83/8

**For screwing on
with pre-determined
breaking point**

ASE 84/9

ASE 83/9

Slanted head



Slanted head

Chain drive

**Fixed in place
for concreting in**

ASE 85/1

ASE 86/1

**Fixed in place
for screwing on**

ASE 85/3

ASE 86/3

**Removable
from ground sleeve**

ASE 85/2

ASE 86/2

Removable from ground sleeve, lockable

- with triangular lock in accordance with DIN 3223
- with profile cylinder
- with triangular lock in accordance with DIN 3223 and profile cylinders

ASE 85/4 DK

ASE 86/4 DK

ASE 85/4 PZ

ASE 86/4 PZ

ASE 85/4 DKPZ

ASE 86/4 DKPZ

Tiltable on base plate

- with triangular lock in accordance with DIN 3223
- with profile cylinder
- with triangular lock in accordance with DIN 3223 and profile cylinders

ASE 85/5 DK

ASE 86/5 DK

ASE 85/5 PZ

ASE 86/5 PZ

ASE 85/5 DKPZ

ASE 86/5 DKPZ

**Self-aligning
for screwing on**

ASE 85/8

ASE 86/8

**Zum Aufschrauben
mit Sollbruchstelle**

ASE 85/9

ASE 86/9

Chain drive





**Blocking post of stainless steel,
V2A, Ø 76 mm,
Height above ground 900 mm**

Round head Flat head



Round head Flat head

Removable from ground sleeve, lockable

- with triangular lock in accordance with DIN 3223	ASE 32/44 DK	ASE 46/44 DK
- with triangular lock 9 mm	ASE 32/44 SP	ASE 46/44 SP

- Installation depth: 35 mm
- Installation diameter: 67 mm

Easy-Twist with eccentric-rotation clamp lock



Pointed head Hemisphere



Pointed head Hemisphere

Removable from ground sleeve, lockable

- with triangular lock in accordance with DIN 3223	ASE 47/44 DK	ASE 48/44 DK
- with triangular lock 9 mm	ASE 47/44 SP	ASE 48/44 SP

- Installation depth: 35 mm
- Installation diameter: 67 mm

Easy-Twist with eccentric-rotation clamp lock



**Blocking post of stainless steel,
V2A, Ø 102 mm,
Height above ground 900 mm**

Round head Flat head



Round head Flat head

Removable from ground sleeve, lockable

- | | | |
|--|--------------|--------------|
| - with triangular lock
in accordance with
DIN 3223 | ASE 34/44 DK | ASE 64/44 DK |
| - with triangular lock
9 mm | ASE 34/44 SP | ASE 64/44 SP |

- Installation depth: 35 mm
- Installation diameter: 67 mm

Easy-Twist with eccentric-rotation clamp lock



Pointed head Hemisphere



Pointed head Hemisphere

Removable from ground sleeve, lockable

- | | | |
|--|--------------|--------------|
| - with triangular lock
in accordance with
DIN 3223 | ASE 65/44 DK | ASE 66/44 DK |
| - with triangular lock
9 mm | ASE 65/44 SP | ASE 66/44 SP |

- Installation depth: 35 mm
- Installation diameter: 67 mm

Easy-Twist with eccentric-rotation clamp lock





Blocking post of stainless steel, V2A, Ø 102 mm,
supplementary function solar and LED,
height above ground 900 mm

Illuminated head



**Fixed in place
for concreting in**

**Illuminated
head**

ASE 68/1

Individual

ASE-NG 50/1

**Fixed in place
for screwing on**

ASE 68/3

ASE-NG 50/3

**Removable
from ground sleeve**

ASE 68/2

ASE-NG 50/2

Removable from ground sleeve, lockable

- with triangular lock
in accordance with
DIN 3223

ASE 68/4 DK

ASE-NG
50/4DK

**Self-aligning
for screwing on**

ASE 68/8

ASE-NG 50/8

Individual



**For screwing on
with pre-determined
breaking point**

ASE 68/9

ASE-NG 50/9

**Self-aligning
for screwing on
with pre-determined
breaking point**

ASE 68/89

ASE-NG 50/89

Blocking post of stainless steel, V2A, Ø 102 mm,
 supplementary function solar and LED,
 height above ground 900 mm

Flat head



**Post of stainless steel with double
 motion detector in 2 directions,
 light intensity adjustable.**

	Area of illumination height 450	Area of illumination height 900
Fixed in place for concreting in	ASE-ML45/1	ASE-ML90/1
Fixed in place for screwing on	ASE-ML45/3	ASE-ML90/3
Removable from ground sleeve, lockable		
- with triangular lock in accordance with DIN 3223	ASE-ML45/4	ASE-ML90/4
Self-aligning for screwing on	ASE-ML45/8	ASE-ML90/8
For screwing on with pre-determined breaking point	ASE-ML45/9	ASE-ML90/9
Self-aligning for screwing on with pre-determined breaking point	ASE-ML45/89	ASE-ML90/89

Flat head





**Blocking post of stainless steel,
V2A, ■ 70 mm,
height above ground 900 mm**



	Flat head	Flat head lockable in retracted condition
	ASE 330	ASE 330-1
Height above ground	900 mm	900 mm
length below ground	1160 mm	1160 mm

- Fastening by concreting in the support.
- Post locked automatically with pulling out.
- Ground-flush, drive-over cover.

	Flat head ø 205 mm
Fixed in place for concreting in	ASE 44/1
Fixed in place for screwing on	ASE 44/3
Removable from ground sleeve, lockable	ASE 44/4 DK*
Height above ground	600 mm

	Flat head ø 306 mm
Fixed in place for concreting in	ASE 45/1
Fixed in place for screwing on	ASE 45/3
Removable from ground sleeve, lockable	ASE 45/4 DK*
Height above ground	600 mm

* The bollards are not countersunk, rather they are screwed together from above with the aid of a triangular lock



	Flat head	Pointed head
Fixed in place for concreting in	ASE 5220/1	ASE 52/1
Fixed in place for screwing on	ASE 5220/3	ASE 52/3
Removable from ground sleeve	ASE 5220/2	ASE 52/2
Removable from ground sleeve, lockable		
- with triangular lock in accordance with DIN 3223	ASE 5220/4 DK	ASE 52/4 DK
- with profile cylinder	ASE 5220/4 PZ	ASE 52/4 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	ASE 5220/4 DKPZ	ASE 52/4 DKPZ
Tiltable on base plate		
- with triangular lock in accordance with DIN 3223	ASE 5220/5 DK	ASE 52/5 DK
- with profile cylinder	ASE 5220/5 PZ	ASE 52/5 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	ASE 5220/5 DKPZ	ASE 52/5 DKPZ



STYLED BLOCKING POST I MARS

Bollard

Parking barrier

Stainless steel bollards

Ornamental bollards

Traffic safety

Accessories



Steel



Aluminium

MATERIALS



RAL 7021



galva-
nized



natural



RAL colors

SURFACES

Styled blocking post from our program are:

- Representative in design
- High-quality in design implementation
- Protected corrosion-resistant and long-life surface
- Maintenance-free, with reliable technology

Styled blocking posts from our program meet all communal, business and private requirements.

The quality

Our products are produced from high-quality materials. We use only surface-refined steel or aluminum. All articles are designed with rugged construction design for a high level of robustness and lifetime duration. Uncomplicated installation, maintenance-free

and the simplest operation are a feature of our quality-control program.

Pipe dimensions

The round posts are produced from pipes with 60, 76, 102 or 195 mm outside diameter. The conical models have external dimensions 133/75 mm and 100/75 mm. The square models have external dimensions 70 x 70 mm or 100 x 100 mm. In steel finish the wall-thickness is 2.3-3.6 mm, in case of aluminum posts 2.75-3.0 mm.

Surfaces

Our styled blocking posts are supplied as standard in steel with hot-galvanized surface and powder-coated (RAL 7021), or of aluminum also powder-coated (RAL 7021).

Special colors on request. Every RAL color is possible.

The accessories

We offer an extensive and appropriate accessories program for all standard models, which means further individualization and an increase in benefit with the models on offer.

Special design

Do you have any special wishes not referred to in our catalog? Contact us and we will submit to you a corresponding quotation with the aid of our comprehensive design and technology competence.


MARS

Styled blocking post of steel, Ø 76 mm,
black gray RAL 7021, pipe-hoop element,
height above ground 900 mm

Hemisphere
Flat head

Fixed in place for concreting in
Hemisphere
AS 96/1

Fixed in place for screwing on

AS 96/3

Removable from ground sleeve

AS 96/2

Removable from ground sleeve, lockable

- with triangular lock in accordance with DIN 3223

AS 96/4 DK

- with profile cylinder

AS 96/4 PZ

- with triangular lock in accordance with
DIN 3223 and profile cylinders

AS 96/4 DKPZ

Flat head
Fixed in place for concreting in

AS 26/1

Fixed in place for screwing on

AS 26/3

Removable from ground sleeve

AS 26/2

Removable from ground sleeve, lockable

- with triangular lock in accordance with DIN 3223

AS 26/4 DK

- with profile cylinder

AS 26/4 PZ

- with triangular lock in accordance with
DIN 3223 and profile cylinders

AS 26/4 DKPZ

Sphere above

Sphere above
Fixed in place for concreting in

AS 21/1

Fixed in place for screwing on

AS 21/3

Removable from ground sleeve

AS 21/2

Removable from ground sleeve, lockable

- with triangular lock in accordance with DIN 3223

AS 21/4 DK

All posts also in RAL,
as required





MARS

**Stilsperrpfosten aus Stahl, Ø 76 mm,
Schwarzgrau RAL 7021,
Rohrbügelement, Höhe über Flur 900 mm**

Helmet head



Hemisphere



compressed



	Helmet head	Hemisphere	compressed
Fixed in place for concreting in	AS 4/1	AS 9/1	AS 24/1
Fixed in place for screwing on	AS 4/3	AS 9/3	AS 24/3
Removable from ground sleeve	AS 4/2	AS 9/2	AS 24/2
Removable from ground sleeve, lockable			
- with triangular lock in accordance with DIN 3223	AS 4/4 DK	AS 9/4 DK	AS 24/4 DK
- with profile cylinder	AS 4/4 PZ	AS 9/4 PZ	AS 24/4 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 4/4 DKPZ	AS 9/4 DKPZ	AS 24/4 DKPZ
Tiltable on base plate			
- with triangular lock in accordance with DIN 3223	AS 4/5 DK	AS 9/5 DK	AS 24/5 DK
- with profile cylinder	AS 4/5 PZ	AS 9/5 PZ	AS 24/5 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 4/5 DKPZ	AS 9/5 DKPZ	AS 24/5 DKPZ
Self-aligning for screwing on	AS 4/8	AS 9/8	AS 24/8
Self-aligning for screwing on with pre-determined breaking point	AS 4/9	AS 9/9	AS 24/9

Spherical cone**Fully spherical****Flat head**

	Spherical cone	Fully spherical	Flat head
Fixed in place for concreting in	AS 27/1	AS 34/1	AS 67/1

Fixed in place for screwing on	AS 27/3	AS 34/3	AS 67/3
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Removable from ground sleeve	AS 27/2	AS 34/2	AS 67/2
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Removable from ground sleeve, lockable

- with triangular lock in accordance with DIN 3223	AS 27/4 DK	AS 34/4 DK	AS 67/4 DK
- with profile cylinder	AS 27/4 PZ	AS 34/4 PZ	AS 67/4 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 27/4 DKPZ	AS 34/4 DKPZ	AS 67/4 DKPZ

Tiltable on base plate

- with triangular lock in accordance with DIN 3223	AS 27/5 DK	AS 34/5 DK	AS 67/5 DK
- with profile cylinder	AS 27/5 PZ	AS 34/5 PZ	AS 67/5 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 27/5 DKPZ	AS 34/5 DKPZ	AS 67/5 DKPZ

Self-aligning for screwing on	AS 27/8	AS 34/8	AS 67/8
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Self-aligning for screwing on with pre-determined breaking point	AS 27/9	AS 34/9	AS 67/9
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All posts also in RAL,
as required





MARS

Styled blocking post of steel, Ø 102 mm,
black gray RAL 7021,
height above ground 900 mm

Helmet head



	Helmet head	Stepped helmet
Fixed in place for concreting in	AS 46/1	AS 74/1
Fixed in place for screwing on	AS 46/3	AS 74/3
Removable from ground sleeve	AS 46/2	AS 74/2
Removable from ground sleeve, lockable		
- with triangular lock in accordance with DIN 3223	AS 46/4 DK	AS 74/4 DK
- with profile cylinder	AS 46/4 PZ	AS 74/4 PZ
Self-aligning for screwing on	AS 46/8	AS 74/8

Stepped helmet



For screwing on with pre-determined breaking point	AS 46/9	AS 74/9
Self-aligning for screwing on with pre-determined breaking point	AS 46/89	AS 74/89

Helmet head/ring**Fixed in place
for concreting in****Helmet head/
ring**

AS 6/1

**Stepped
helmet/ring**

AS 86/1

**Fixed in place
for screwing on**

AS 6/3

AS 86/3

**Removable
from ground sleeve**

AS 6/2

AS 86/2

Removable from ground sleeve, lockable- with triangular lock
in accordance with
DIN 3223

AS 6/4 DK

AS 86/4 DK

- with profile cylinder

AS 6/4 PZ

AS 86/4 PZ

**Self-aligning
for screwing on**

AS 6/8

AS 86/8

Stepped helmet/ring**For screwing on
with pre-determined
breaking point**

AS 6/9

AS 86/9

**Self-aligning
for screwing on
with pre-determined
breaking point**

AS 6/89

AS 86/89

All posts also in RAL,
as required



MARS

**Styled blocking post of steel,
Ø 102/75 mm, conical,
height above ground 900 mm**

Helmet head



**Deformed
helmet
head**



Helmet head



Fixed in place for concreting in

Helmet head

AS 8/1

Fixed in place for screwing on

AS 8/3

Removable from ground sleeve

AS 8/2

Removable from ground sleeve, lockable

- with triangular lock in accordance with DIN 3223
- with profile cylinder

AS 8/4 DK
AS 8/4 PZ

**Deformed
helmet head**

Fixed in place for concreting in

AS 18/1

Fixed in place for screwing on

AS 18/3

Removable from ground sleeve

AS 18/2

Removable from ground sleeve, lockable

- with triangular lock in accordance with DIN 3223
- with profile cylinder

AS 18/4 DK
AS 18/4 PZ

**Styled blocking post of aluminum,
Ø 133/75 mm, conical**

Height above ground 900 mm

Helmet head

Fixed in place for concreting in

AS 28/1

Fixed in place for screwing on

AS 28/3

Removable from ground sleeve

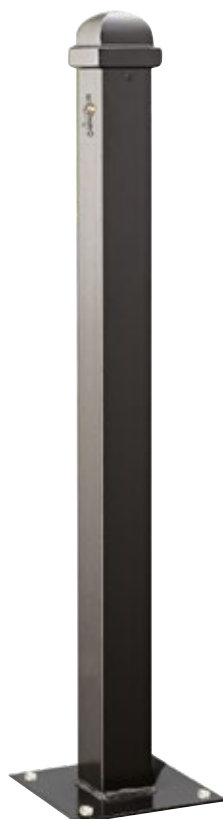
AS 28/2

Removable from ground sleeve, lockable

- with triangular lock in accordance with DIN 3223
- with profile cylinder

AS 28/4 DK
AS 28/4 PZ

Styled blocking post of steel,
■ 70 mm, black gray RAL 7021,
 height above ground 900 mm

Helmet head**Flat head**

	Helmet head	Flat head
Fixed in place for concreting in	AS 2/1	AS 72/1
Fixed in place for screwing on	AS 2/3	AS 72/3
Removable from ground sleeve	AS 2/2	AS 72/2
Removable from ground sleeve, lockable		
- with triangular lock in accordance with DIN 3223	AS 2/4 DK	AS 72/4 DK
- with profile cylinder	AS 2/4 PZ	AS 72/4 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 2/4 DKPZ	AS 72/4 DKPZ
Tilttable on base plate		
- with triangular lock in accordance with DIN 3223	AS 2/5 DK	AS 72/5 DK
- with profile cylinder	AS 2/5 PZ	AS 72/5 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 2/5 DKPZ	AS 72/5 DKPZ

All posts also in RAL,
as required





MARS

**Styled blocking post of steel,
Ø 76 mm, black gray RAL 7021,
height above ground 900 mm**

Helmet head



Hemisphere



compressed



	Helmet head	Hemisphere	compressed
Fixed in place for concreting in	AS 3/1	AS 54/1	AS 53/1
Fixed in place for screwing on	AS 3/3	AS 54/3	AS 53/3
Removable from ground sleeve	AS 3/2	AS 54/2	AS 53/2
Removable from ground sleeve, lockable			
- with triangular lock in accordance with DIN 3223	AS 3/4 DK	AS 54/4 DK	AS 53/4 DK
- with profile cylinder	AS 3/4 PZ	AS 54/4 PZ	AS 53/4 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 3/4 DKPZ	AS 54/4 DKPZ	AS 53/4 DKPZ
Tilttable on base plate			
- with triangular lock in accordance with DIN 3223	AS 3/5 DK	AS 54/5 DK	AS 53/5 DK
- with profile cylinder	AS 3/5 PZ	AS 54/5 PZ	AS 53/5 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 3/5 DKPZ	AS 54/5 DKPZ	AS 53/5 DKPZ
Self-aligning for screwing on	AS 3/8	AS 54/8	AS 53/8
For screwing on with pre-determined breaking point	AS 3/9	AS 54/9	AS 53/9



All posts also in RAL,
as required



	Spherical cone	Fully spherical	Flat head
Fixed in place for concreting in	AS 55/1	AS 57/1	AS 56/1
Fixed in place for screwing on	AS 55/3	AS 57/3	AS 56/3
Removable from ground sleeve	AS 55/2	AS 57/2	AS 56/2
Removable from ground sleeve, lockable			
- with triangular lock in accordance with DIN 3223	AS 55/4 DK	AS 57/4 DK	AS 56/4 DK
- with profile cylinder	AS 55/4 PZ	AS 57/4 PZ	AS 56/4 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 55/4 DKPZ	AS 57/4 DKPZ	AS 56/4 DKPZ
Tiltable on base plate			
- with triangular lock in accordance with DIN 3223	AS 55/5 DK	AS 57/5 DK	AS 56/5 DK
- with profile cylinder	AS 55/5 PZ	AS 57/5 PZ	AS 56/5 PZ
- with triangular lock in accordance with DIN 3223 and profile cylinders	AS 55/5 DKPZ	AS 57/5 DKPZ	AS 56/5 DKPZ
Self-aligning for screwing on	AS 55/8	AS 57/8	AS 56/8
For screwing on with pre-determined breaking point	AS 55/9	AS 57/9	AS 56/9



Styled blocking post of steel, ■ 100 mm,

	Flat head
Fixed in place for concreting in	AS 102/1
Fixed in place for screwing on	AS 102/3

Styled bollard of steel, Ø 195 mm

	Helmet head
Fixed in place for concreting in	AS 19/1
Fixed in place for screwing on	AS 19/3

Styled bollard of steel with seating trough, Ø 195 mm

	Seating trough
Fixed in place for concreting in	ASS 19/1
Fixed in place for screwing on	ASS 19/3

Tree guard

Arch design



Tree Barriers from steel, Ø 60 mm

fixed for concreting in BSB

tube ø:	60 mm
Height above ground::	900 mm
Total Height:	1500 mm
Width::	800 mm

- Protects trees and plants against parking vehicles
- for a wide range of use in traffic areas, on car parks, etc.
 - for fixing in concrete

Flat head



Tree holder, steel

fixed for concreting in BST 02 - 04

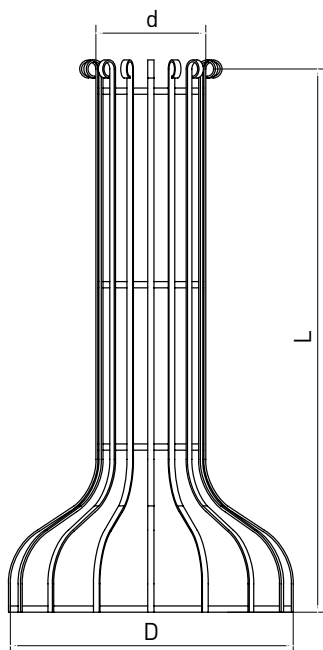
Ref.	Inside Ø	depth
BST-02	210 mm	750 mm
BST-03	310 mm	950 mm
BST-04	400 mm	1200 mm

- with srewable cover
- for christmas trees, maypoles, etc
- for fixing in concrete
- grooved cover plate, flush to the floor



Steel tree guard and trellis grating

Wrought iron Protector



	Wrought iron, hot-dip- galvanized	Wrought iron, powder-coated
Fixed in place for screwing on Trellis	RG 1	RGL 1
Fixed in place for screwing on Tree Protector	BG 1	BGL 1

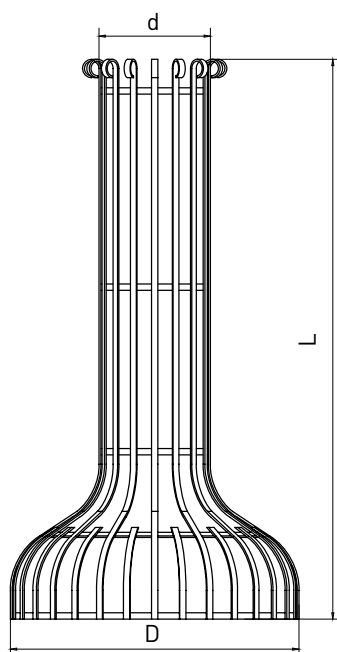
Technical data

D = 900 mm

d = 375 mm

L = 1750 mm

One-piece for fastening on house facades.
Installation using fourfold screwed connection.



	Wrought iron, hot-dip- galvanized	Wrought iron, powder-coated
Fixed in place for screwing on Trellis	RG 2	RGL 2
Fixed in place for screwing on Tree Protector	BG 2	BGL 2

Technical data

D = 1250 mm

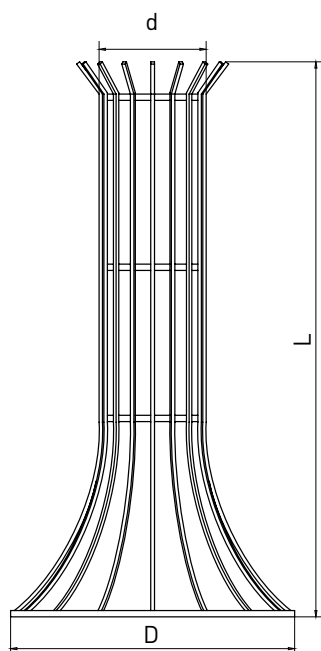
d = 500 mm

L = 1750 mm

Two-part, for fastening on all usual trellis grating.
Installation using fourfold screwed connection.
With additional reinforcements in the lower area, the
necessary stability and security for this size are provided.

Steel tree guard and trellis grating

Flat steel



Flat steel

Flat steel, powder-coated

**Fixed in place
for screwing on
Trellis**

RG 5

RGL 5

**Fixed in place
for screwing on
Tree Protector**

BG 5

BGL 5

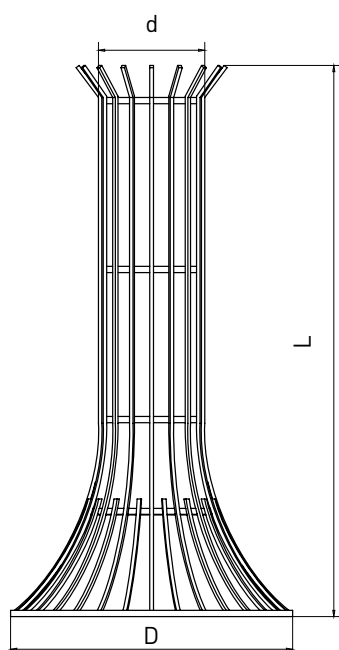
Technical data

D = 900 mm

d = 375 mm

L = 1750 mm

One-piece for fastening on house facades.
Installation using fourfold screwed connection.



Flat steel

Flat steel, powder-coated

**Fixed in place
for screwing on
Trellis**

RG 6

RGL 6

**Fixed in place
for screwing on
Tree Protector**

BG 6

BGL 6

Technical data

D = 1250 mm

d = 500 mm

L = 1750 mm

Two-part, for fastening on all usual trellis grating.
Installation using fourfold screwed connection.
With additional reinforcements in the lower area, the
necessary stability and security for this size are provided.



TRAFFIC/SITE PROTECTION | JUPITER



Driveway bumps, cable bridges, as well as blocking and protection elements, are effective and sustainable protections and have a calming effect in traffic and construction site areas.

Driveway bumps

The driveway bumps with speed-inhibiting pads of rubbers are screwed directly to the base substrate and have countersunk cats-eye reflectors. The elastic quality of the speed bumps sustainably dampens impact noises from car and truck tires - A sustainable and economical measure for traffic calming!

Cable bridges

The hose bridge with three/five conduits is a particularly high and rugged cable bridge and hose crossing which serves as an enclosure for lines, hoses or wires. The cable bridge is suitable for wheel loads of cars and trucks. The cable bridges can be extended or combined without problems by the reinforced, countersunk T-connection.

Blocking and protection elements

Blocking posts and security elements of plastic can be driven onto and over safely. Damage to vehicles is minimized considerably. Ensuing costs for the service of the posts can be dispensed with or are minimum. The blocking posts are tiltable by 90° and are self-aligning. The blocking posts find employment in the construction site area and in traffic and have high visibility with the signal color orange and the retro-reflecting white strips.



Driveway bumps

50/70 mm height

For screwing on

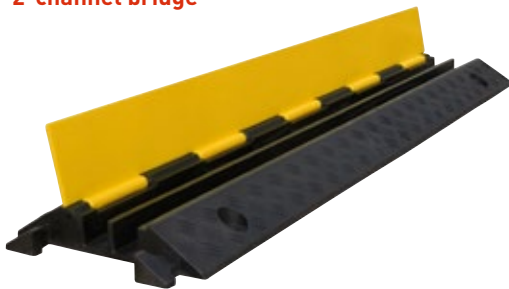
Length in mm	Height in mm	Order No.
1.500	50	FS50/1500
2.500	50	FS50/2500
3.000	50	FS50/3000
3.500	50	FS50/3500
4.500	50	FS50/4500
1.500	70	FS70/1500
2.500	70	FS70/2500
3.000	70	FS70/3000
3.500	70	FS70/3500
4.500	70	FS70/4500



- Design implementations: Recycled rubber, elastic rubber coating
- Extendable and combinable as desired with connecting elements
- Countersunk cats eye reflectors for visibility up to 200 meters
- Fastening material within the scope of delivery
- Special surface structure is water-repellant
- Middle piece: 500 x 350 mm (length x width)
- start/end piece: 250 x 350 mm (length x width)
- recomm. max. drive-over speed
- 30 km/h at 50 mm height
- 10 km/h at 70 mm height

Cable, and hose bridges

2-channel bridge



For screwing on KB2

Dimensions of the cable ducts
32 x 32 mm (HxW)

Dimensions: 1.000 x 240 x 45 mm (LxWxH)

- Design implementations: recycling material with PE flap
- Protects: Power cables, hoses, wires in separate conduits
- Handle for single transport

3-channel bridge



For screwing on KB3

Dimensions of the cable conduits
50 x 65/57/57 mm (HxW)

Dimensions: 900 x 500 x 70 mm (LxWxH)

- Design implementations: recycling material with PE flap
- Protects: Power cables, hoses, wires in separate conduits
- Handle for single transport

5-channel bridge



For screwing on KB5

Dimensions of the cable ducts
35 x 38 mm (HxW)

Dimensions: 900 x 500 x 50 mm (LxWxH)

- Design implementations: recycling material with PE flap
- Protects: Power cables, hoses, wires in separate conduits
- Handle for single transport



Cable hoses and parking space limitation

Cable hose 1



KS1

Cable hose black for the reception and protection of 1 cable

Dimensions:

L x W x H = 10.000 x 100 x 30 mm
1 conduit Ø = 20 mm

Cable hose 2



KS3

Cable hose black for the reception and protection of 3 cables

Dimensions:

L x B x H = 4.000 x 160 x 50 mm
3 conduit Ø = 20/40/20 mm

Parking space delimitation



AS LBS For screwing on

- black foot of vulcanized recycling rubber
- yellow reflecting strips
- Integrated handle

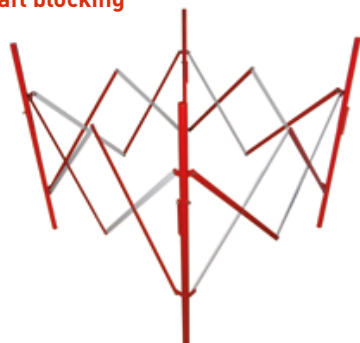
Height x depth
= 150 x 100 mm

Dimensions parking space delimitation:

- **AS LBS 90**
- **AS LBS 122**
- **AS LBS 183**

Length = 900
Length = 1220
Length = 1830

Shaft blocking



Shaft blocking and scissors barrier

ST-SE

For installation

Shaft blocking of steel, red-white coated

Dimensions:

L x H = max. Q 1200 x 1000 mm
4 steel feet
Ø = 25 mm

Scissors barrier



SN-SE

For installation

Scissors barrier of steel, red-white coated

Dimensions:

L x H = max. 2850 x 1000 mm
pipe diameter: Ø = 25 mm



Blocking post (pg. 12-33)

Accessories

Order No.



KSS
KSK
KSR

Blocking chain of steel, wire \varnothing 5 mm,
Division 36 mm, cut-length goods
yellow-black
zinc-coated
red-white



SKG
SKR

Blocking chain of plastic, \varnothing 6 mm,
Division 36 mm, cut-length goods
yellow-black
red-white



AS-NR
AS-NW
AS-NS

Connector elements for clamping together,
plastic red
Plastic white
Plastic black



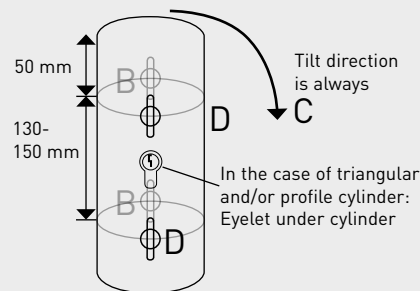
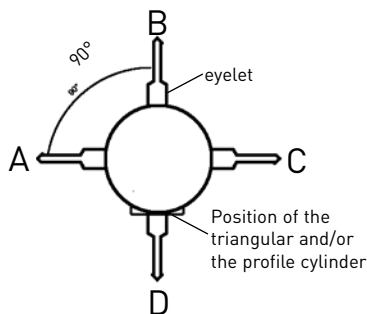
ASK

Chain blocking Item B blocking posts round
and square, including cylinder lock Item D.
Three keys are included In the scope of delivery.



HA-1
HOE

Chain eyelet and chain hook,
fixed from inside.
Available:
Hook unassembled
Eyelet unassembled



In the case of tiltable posts, we recommend
no eyelet assemblies.



VZG
VZK
















Connector elements of steel,
galvanized for clamping together
Dimensions approx. 7 x 33 mm
Dimensions approx. 5 x 23 mm



VSG
VKG

Connector elements of steel,
galvanized with screw plug
Dimensions 7 x 52 mm
Dimensions 5 x 39 mm

Order No.

		PZ + PZ double profile cylinder locking on request. Forced locking/ pull-out forced angle 0°		
		RAE RAR RAS	Reflecting foil, width: 50 mm silver gray · red · black	
		AS-DL	Dowel (1 pair) for insertion in concrete or natural stone, M 8 x 100 Length approx. 100 mm	
		AS-KP	Base plate for concreting in for all tiltable blocking posts, base plate approx. 200 x 100 mm, pipe section length approx. 360 mm; including M 12 stainless steel bolts	
		AS-UB	U-hoop for all tiltable posts, M 12 screw threads, including square taper washers and nuts. For all blocking posts with base plate 200 x 100 mm	
		BV-60 BV-76 BV-102 BV-70	Ground sleeve of aluminum for resonance-free fastening of the stainless steel blocking posts ø 61 mm / ø 76 mm / ø 102 mm □ 70 mm Cover and cover key of plastic are available as accessories.	
		BD-60 BD-76 BD-102 BD-70 for DK	Cover of plastic with pull-out key. For BD-70 the key DKS is always required (not included in the scope of delivery).	
		CM CI SP8	Key for mast locking Key for profile cylinder, simultaneous locking key for 9 mm triangular profile cyl.	
		DKS	Triangular key in accordance with DIN 3223	
		AS-LB 90	AS-LB 45	Reservation notes, available for AS-LB, „P“ white on blue (RAL 5017) 70 x 70 mm
	RESERVED	840 350	840 360	
	CLIENTS	840 351	840 361	Note: Text field for AS-LB 90 570 x 70 mm, for AS-LB 45, 350 x 70 mm
	VISITORS	840 352	840 362	
	SD-MW 1234	840 353	840 363	with motor vehicle registration
	DR. MUSTER	840 354	840 364	with name (max. 16 alphabetic characters)
		840 355	840 365	without labeling



Blocking hoop (pg. 34-41)

Accessories

Order No.

	<p>AS PP AS SPM</p>	<p>Maintenance-free battery with lead / fibrous mat technology. Completely maintenance-free operation, high re-combination capability in cyclic operation, valve controlled plastic construction as protection in case of overloading.</p> <p>Technical data:</p> <ul style="list-style-type: none"> - Rated voltage 6 V - Length 151 mm - Width 50 mm - Height 95 mm
	<p>AS PP AS SPM</p>	<p>1-channel manual transmitter for AS PP and AS SPM including battery.</p>
	<p>AS PP AS SPM</p>	<p>Charging unit AS PP and AS SPM for maintenance-free batteries, including overload protection.</p>
	<p>RAE RAR RAS</p>	<p>Reflecting foil, width: 50 mm silver gray · red · black</p>
	<p>AS-DL</p>	<p>Dowel (1 pair) for insertion in concrete or natural stone for bore \varnothing 14 mm, M 8 x 100, length approx. 100 mm</p>
	<p>AS-KP</p>	<p>Base plate for concreting in for all tiltable blocking posts, base plate approx. 200 x 100 mm, pipe section length approx. 360 mm; including M 12 stainless steel bolts</p>
	<p>AS-UB</p>	<p>U-hoop for all tiltable posts, M 12 screw threads including square taper washers and nuts. For all posts with base plate 100 x 200 mm.</p>
	<p>CM CI SP8</p>	<p>Key for mast locking Key for profile cylinder, simultaneous locking Key for 9 mm triangular profile cyl.</p>



Stainless steel post (pg. 42-59)

Accessories






Order No.

	EAK	Blocking chain of stainless steel wire \varnothing 5 mm, divisions 36 mm, cut-length goods
	EKO-M	Chain eyelet of stainless steel internally fixed, mounted, clean, chain eyelet
	EKB-M	
<p>Position on the post:</p>	AGP	Rubber bumper for ground fastening Type.../1, .../2.../3 and .../4 with triangle: In case of posts with base plate (.../3), the assembly height of the base plate must be considered
		In the case of tiltable posts, we do not recommend any eyelet assemblies.
	ESL	Shackle of stainless steel with screw plug for fastening the blocking-off chain to the post approx. 23 x 33 mm Threaded bolts with hexagon socket
	EVG EVK	Connectors of stainless steel for clamping together, dimensions approx. 6 x 33 mm Dimensions approx. 4 x 23 mm
	ESG ESK	Connector elements of stainless steel with screw cap dimensions 7 x 52 mm dimensions 5 x 39 mm

Stainless steel post (pg. 42-59)

Accessories

Order No.








	EZR-1 EZR-2 EZR-3	Decorative ring of stainless steel for the following installation variants: - For fixed concreting - Removable from ground sleeve without interlocking - Removable from ground sleeve with interlocking - ø 61 mm / ø 76 mm / ø 102 mm
	RAE RAR RAS	Reflecting foil, width: 50 mm silver gray · red · black
	EDA-1 EDA-2 EDA-3 EDA-4	Foot cover of stainless steel for the blocking post installation variant with base plate for screwing on. ø 61 mm / ø 76 mm / ø 102 mm □ 70 mm
	AS-DL	Dowel (1 pair) for insertion in concrete or Natural stone for bore ø 14 mm, M 8 x 100 approx. 100 mm length.
	PAE OAE	Polishing and cleaning paste for stainless steel 500 g, sufficient for approx. 100 posts. Surface protection for stainless steel long-term preservation agent, 400 ml, sufficient for approx. 20 posts.



Stainless steel post (pg. 42-59)

Accessories

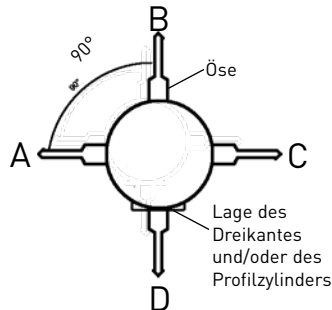
Order No.

	AS-KP	Base plate for concreting in, for all tiltable posts. Base plate approx. 200 x 100 mm Shaft length approx. 360 mm including M 12 stainless steel bolts
	AS-UB	U-hoop for all tiltable posts, M 12 screw threads including square taper washers and nuts. For all posts with Base plate 200 x 100 mm.
	AS-MA	Base plate for concreting in for screw-on posts with spring mechanism (Type .../8), pre-determined breaking point (Type .../9) and Combination of both (Type .../89) including connecting screws.
	BV-60 BV-76 BV-102 BV-70	Ground sleeve of aluminum for resonance-free fastening of the stainless steel posts. ø 61 mm / ø 76 mm / ø 102 mm □ 70 mm Cover and cover key of plastic are available as accessories
	BD-60 BD-76 BD-102 BD-70 für DK	Cover of plastic with pull-out key. The DKS triangular key is required for BD-70 (not included in the scope of delivery).
	DKS	Triangular key in accordance with DIN 3223
	CM CI SP8	Key for mast locking Key for profile cylinder, simultaneous locking key for 9 mm triangular profile cyl.

Stainless steel post (pg. 42-59)

Accessories

Order No.



ASE-AB
ASE 32/3-AB

GRE-1-AB
GRE-3-AB



Wall-mounted ashtray
Stand ashtray

In the formats \varnothing 76 mm and \varnothing 102 mm,
railing system with ashtray.



ASK

Chain blocking Item B for posts round and
square, including cylinder lock Item D.
3 keys are included in the scope of delivery



EHS-M

Stop rail mounted, for ASE-40/...for a labeling
area provided on site.



BS

Concrete base socket including ground sleeve:

BS-60 for 60 mm
BS-76 for 76 mm
BS-102 for 102 mm
BS-70 for 70 x 70 mm
BS-T5 for all tiltable posts



Styled blocking post (p. 60-75)

Accessories

Order No.



KSK

5 mm chain galvanized, division 35 mm

KSK RAL 7021
KSK RAL 70215 mm chain galvanized and
RAL 7021 coated, division 35 mm

KSD

8 mm chain galvanized, division 52 mm



KSD RAL 7021

8 mm chain galvanized and
RAL 7021 coated, division 52 mm

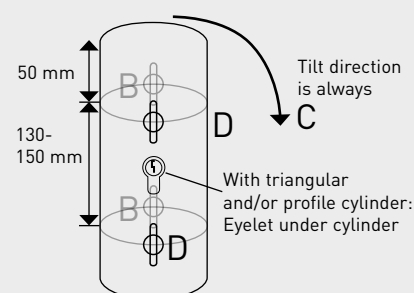
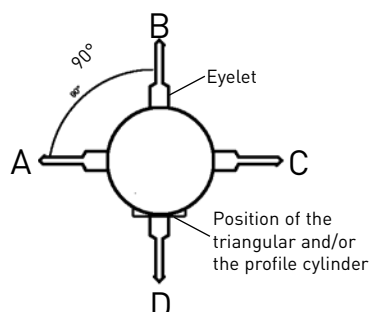
ASK

Chain blocking Item B blocking posts round
and square, including cylinder lock Item D.
Three keys are included in the scope of
delivery.

HA-1

Chain eyelet and chain hook from
zinc-coated malleable cast iron












HOE

Available: Hook not mounted
Eyelet not mounted
Hook/eyelet mounted:
Always indicate position
when orderingIn the case of tiltable posts, we recommend
no eyelet assemblies.RAE
RAR
RASReflecting foil, width: 50 mm
silver gray · red · black

Stilsperrpfosten (S. 60-75)

Zubehör

Order No.

	VZG VZK	Connector elements of steel, galvanized for clamping together Dimensions approx. 7 x 33 mm Dimensions approx. 5 x 23 mm 
	VSG VKG	Connector elements of steel, galvanized with screw plug Dimensions 7 x 52 mm Dimensions 5 x 39 mm 
	AS-DL	Dowel (1 pair) for insertion in concrete or natural stone for bore \varnothing 14 mm, M 8 x 100, length approx. 100 mm
	AS-KP	Base plate for concreting in for all tiltable blocking posts, base plate approx. 200 x 100 mm, pipe section length approx. 360 mm; including M 12 stainless steel bolts
	BV-60 BV-76 BV-102 BV-70	Ground sleeve of aluminum for resonance-free fastening \varnothing 61 mm \varnothing 76 mm \varnothing 102 mm \square 70 x 70 mm Cover and cover key of plastic are available as accessories.
	BD-60 BD-76 BD-102 BD-70 für DK	Cover of plastic with pull-out key. The DKS triangular key is required for BD-70 (not included in the scope of delivery).
	DKS	Triangular key in accordance with DIN 3223
	AS-UB	U-hoop for all tiltable posts, M 12 screw threads including square taper washers and nuts. For all posts with base plate 200 x 100 mm
	CM CI SP8	Key for mast locking Key for profile cylinder, simultaneous locking key for 9 mm triangular profile cyl.



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