Flexible Delineator Post, TPU, 45 cm, Black

PREMIUM



AT A GLANCE

- Flexible TPU delineator post, 45 cm, black.
- 2 metallised reflective bands.
- Ø8 cm post, Ø20 cm round base, 0.93 kg.
- 3 anchors and 3 bolts included.

Product code	**ATZ 8045-BK**
Category	**Flexible Delineator Posts**
Brand	**Atto Trafic**
Weight	**0.93 kg**

This product on attotrafic.ro
https://attotrafic.ro/en_US/products/stalp-de-delimitare-flexibil-din-tpu-45-cm-negru

Technical specifications

Material	TPU (100% thermoplastic polyurethane)
Hardness	88–92 Shore A (ISO 868)
Standards	EN 13422, TSE mark
Color	Black
Height	45 cm
Post Diameter	Ø8 cm
Base Diameter	Ø20 cm
Base Shape	Round
Bellows Height	115 mm
Reflective	2 metallised bands, 64 mm
Installation	3 Ø16 × 90 mm dowels, 3 Ø10 × 110 mm screws
Fixing Holes	3 x Ø11 mm, on a Ø150 mm circle
Central Hole	Ø32 mm, along the post's axis

Description

Black suits places where the posts stay in permanently and you do not want loud colours: office car parks, residential courtyards, the lanes in front of shops. The 2 metallised reflective bands, white on black, are easy to see at night.

What it is for

It marks out spaces, cycle lanes and pedestrian areas, stops parking on pavements or verges and marks access lanes in private-circuit areas.

Material

TPU (thermoplastic polyurethane), with increased resistance to UV radiation. The post is flexible: it gives on impact and recovers, so a knock damages neither the car nor the post.

Technical data and installation

45 cm high, Ø8 cm post, Ø20 cm round base, 0.93 kg. It is fixed straight into asphalt with 3 anchors and 3 bolts, supplied in the box.

Construction

Post and base are one piece. The 115 mm bellows at the bottom helps it straighten quickly after bending, and the hole along its axis, from top to bottom, keeps it from bursting when a car runs over it. The top reflective band carries a label with the TSE mark, the EN 13422 standard and 100% polyurethane.

Versions

For a taller black post, see the ATZ 8075-BK (75 cm) and ATZ 80100-BK (100 cm). In the economy PE version, the black 45 cm post is the ATZ 8045E-BK.

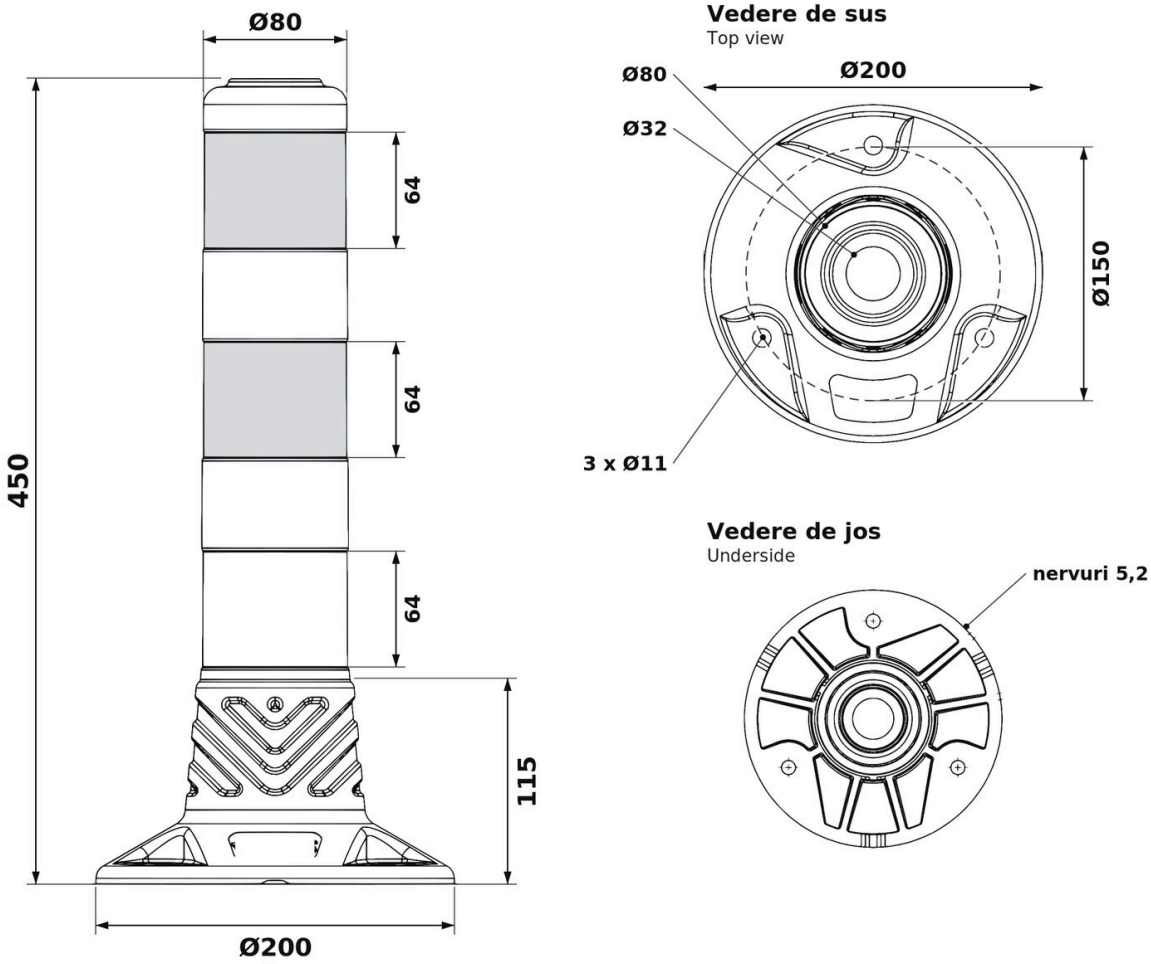
Drawings and details · 1/3

ATZ 8045-BK – Stâlp delimitator flexibil din TPU, 45 cm, negru

ATZ 8045-BK Flexible delineator post, TPU, 45 cm, black

Ø80 x 450 mm · bază Ø200 mm · dimensiunile produsului

Ø80 x 450 mm · Ø200 mm base · product dimensions



Dimensiuni în mm. Stâlpul și baza sunt dintr-o singură bucată; burduful de jos are 115 mm.

Dimensions in mm. Post and base are one piece; the bellows at the bottom is 115 mm high.

TPU (100% poliuretan), negru, 0,93 kg; 2 benzi metalizate de 64 mm; pe banda de sus, eticheta TSE, EN 13422.

TPU (100% polyurethane), black, 0.93 kg; 2 metallised bands, 64 mm wide; TSE, EN 13422 label on the top band.

Se prinde cu 3 dibluri Ø16 x 90 mm și 3 șuruburi Ø10 x 110 mm, incluse, prin găurile Ø11 mm ale bazei.

Fixed with 3 Ø16 x 90 mm dowels and 3 Ø10 x 110 mm screws, included, through the Ø11 mm holes of the base.

ATZ 8045-BK dimensions: Ø80 × 450 mm, Ø200 mm base, 115 mm bellows

Drawings and details · 2/3

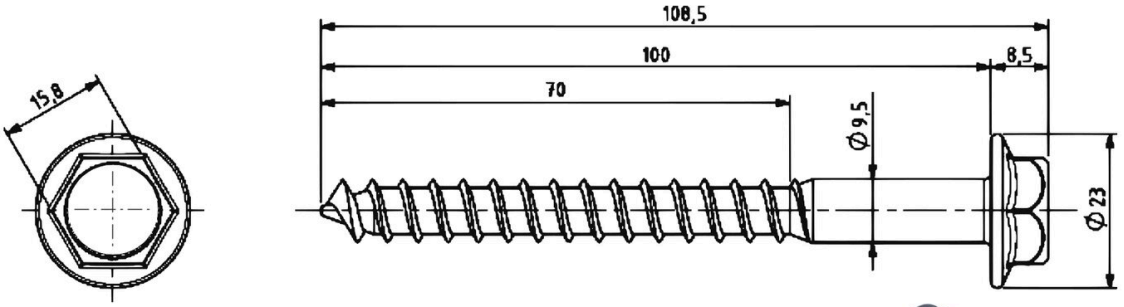
Sistem de prindere: șurub ATZ 80A + diblu ATZ 90A

Fixing system: ATZ 80A screw + ATZ 90A dowel

ATZ 80A – Șurub Ø10 x 110 mm (DIN 571), cap hexagonal cu flanșă

ATZ 80A – Ø10 x 110 mm screw (DIN 571), hexagon flange head

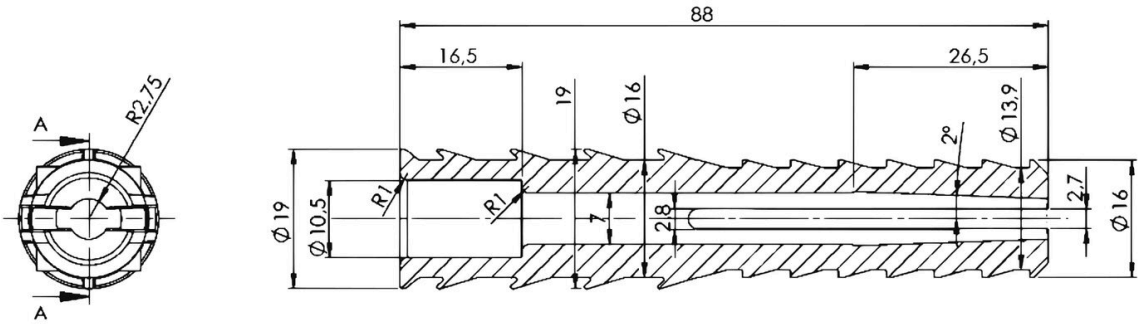






ATZ 90A – Diblu Ø16 x 90 mm (secțiune A-A)

ATZ 90A – Ø16 x 90 mm dowel (section A-A)



Dimensiuni în mm. Gaura pentru diblu: Ø16 mm. Șurubul are 100 mm sub cap și 108,5 mm în total; diblul are 88 mm.

Dimensions in mm. Hole for the dowel: Ø16 mm. The screw is 100 mm under the head, 108.5 mm overall; the dowel is 88 mm long.

Câte un diblu și un șurub pentru fiecare punct de prindere al produsului.

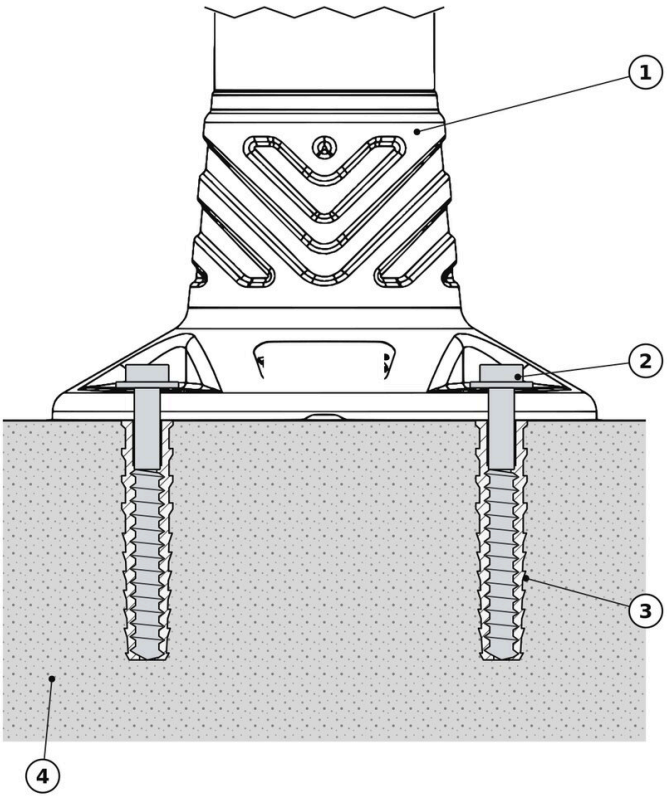
One dowel and one screw for each fixing point of the product.

ATZ 8045-BK fixing system: ATZ 80A Ø10 × 110 mm screw and ATZ 90A Ø16 × 90 mm dowel

Drawings and details · 3/3

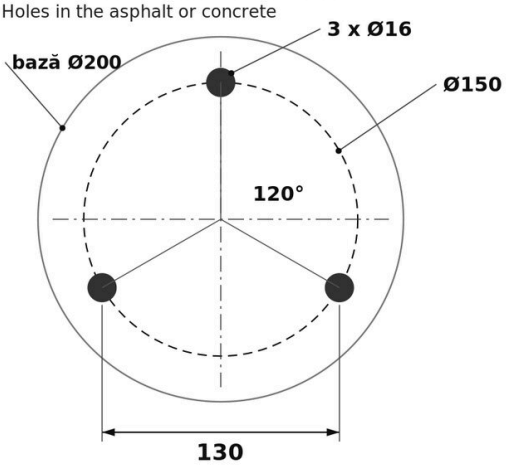
Montaj: 3 dibluri și 3 șuruburi, în asfalt sau beton

Installation: 3 dowels and 3 screws, in asphalt or concrete



Găurile în asfalt sau beton

Holes in the asphalt or concrete



1 Stâlpul și baza, dintr-o singură bucată. Baza e aceeași la toate înălțimile.
Post and base in one piece. The base is the same at every height.

2 Șurub ATZ 80A, Ø10 x 110 mm, prin gaura Ø11 mm a bazei, strâns în diblu.
ATZ 80A screw, Ø10 x 110 mm, through the Ø11 mm hole of the base, tightened into the dowel.

3 Diblu ATZ 90A, Ø16 x 90 mm, introdus până la nivelul suprafeței.
ATZ 90A dowel, Ø16 x 90 mm, pushed in level with the surface.

4 Asfalt sau beton: 3 găuri Ø16 mm, la 120°, pe un cerc Ø150 mm, la 130 mm una de alta.
Asphalt or concrete: 3 Ø16 mm holes, at 120°, on a Ø150 mm circle, 130 mm apart.

Installing ATZ 8045-BK: 3 dowels and 3 screws in asphalt or concrete