Hexagon Flange Head Screw, Ø10 × 110 mm



AT A GLANCE

- ST37 steel coach screw, Ø10 × 110 mm, DIN 571, with a hexagon flange head.
- Used with the ATZ 90A dowel, in a Ø16 mm hole.
- For fixing into asphalt or concrete.
- Sold by the piece.

Product code	**ATZ 80A**
Category	**Road Safety Accessories**
Brand	**Atto Trafic**
Weight	**0.06 kg**

This product on attotrafic.ro
https://attotrafic.ro/en_US/products/surub-cu-cap-hexagonal-si-flansa-10-x-110-mm

Technical specifications

Type	Hexagon flange head screw
Material	ST37 steel
Finish	Bright
Nominal Size	Ø10 × 110 mm
Standard	DIN 571
Shank Diameter	Ø9.5 mm
Length under Head	100 mm
Overall Length	108.5 mm
Thread Length	70 mm
Hexagon Head	15.8 mm
Head Height	8.5 mm
Flange Diameter	Ø23 mm
Used with	ATZ 90A dowel, Ø16 × 90 mm

Description

The ATZ 80A is the screw that fixes our delineator posts, wheel stops, parking blockers and speed bumps into asphalt or concrete. You need it separately, by the piece, when you run short of screws on a job or when you redo a fixing.

Dimensions

- Ø10 × 110 mm, to DIN 571;
- 100 mm under the head, 108.5 mm overall;
- 70 mm threaded, the rest a smooth Ø9.5 mm shank;
- 15.8 mm hexagon head, 8.5 mm high, with a Ø23 mm flange;
- ST37 steel, about 60 g each.

How it is installed

Drill a Ø16 mm hole in the asphalt or concrete and push the ATZ 90A dowel in, level with the surface. Set the part in place, pass the screw through its hole and tighten it into the dowel. On the delineator posts the hole in the base is Ø11 mm, and the flange of the screw rests on its edge.

Which products it is used on

- flexible delineator posts, such as the ATZ 8075 and ATZ 8045E: 3 screws per post;
- parking blockers: ATZ M601A (3), ATZ M604A (6);
- wheel stops: ATZ 1560 (2), ATZ R6012 (3), ATZ 15190 (5), ATZ R18015 (6);
- speed bumps: ATZ 40400 (4), ATZ 45600 (5).

How many to order

Count one screw and one dowel for each fixing point: 10 delineator posts need 30 screws and 30 dowels.

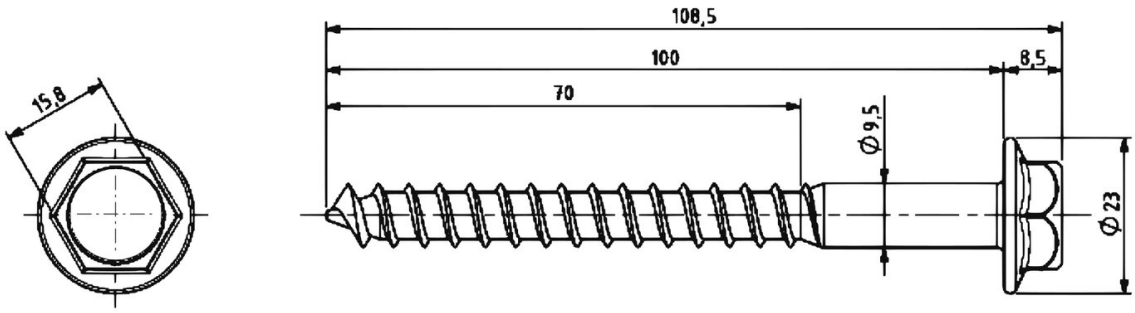
Drawings and details · 1/3

ATZ 80A – Șurub cu cap hexagonal și flanșă, Ø10 x 110 mm

ATZ 80A Hexagon flange head screw, Ø10 x 110 mm

DIN 571 · dimensiunile produsului

DIN 571 · product dimensions



Dimensiuni în mm: 100 sub cap, 108,5 în total, 70 cu filet, tijă Ø9,5, flanșă Ø23, cap hexagonal 15,8.

Dimensions in mm: 100 under the head, 108.5 overall, 70 threaded, Ø9.5 shank, Ø23 flange, 15.8 hexagon head.

Se folosește cu diblul ATZ 90A, Ø16 x 90 mm, în gaură de Ø16 mm.

Used with the ATZ 90A dowel, Ø16 x 90 mm, in a Ø16 mm hole.

ATZ 80A dimensions: 100 mm under the head, 108.5 mm overall, Ø23 mm flange

Drawings and details · 2/3

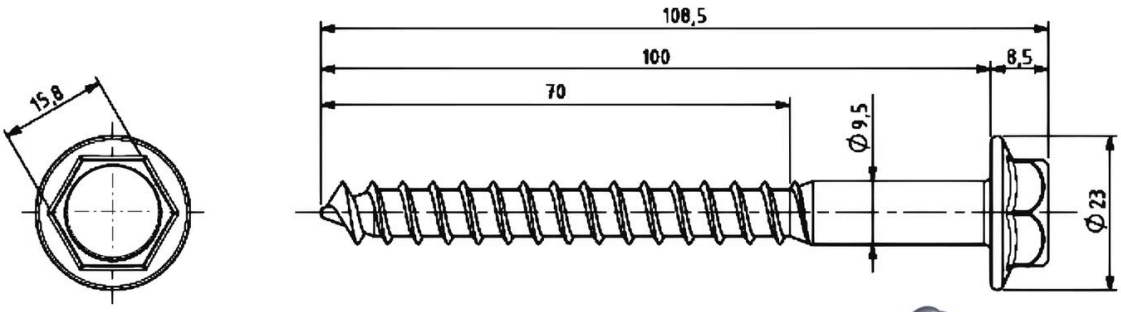
Sistem de prindere: șurub ATZ 80A + diblu ATZ 90A

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

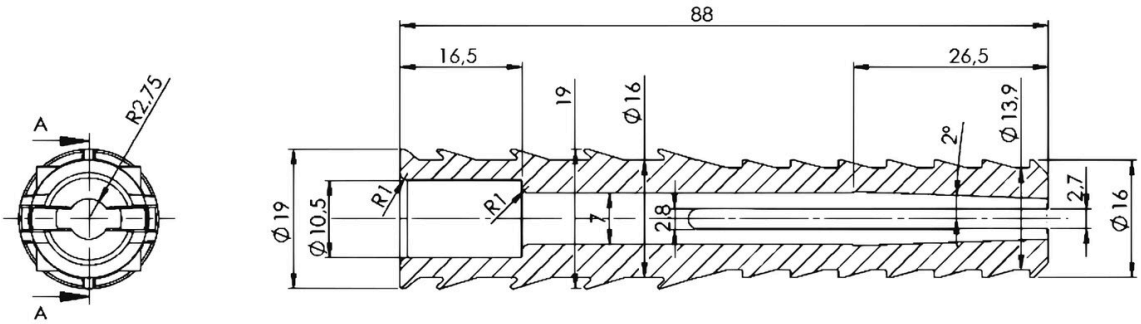






ATZ 90A – Diblu Ø16 x 90 mm (secțiune A-A)

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.

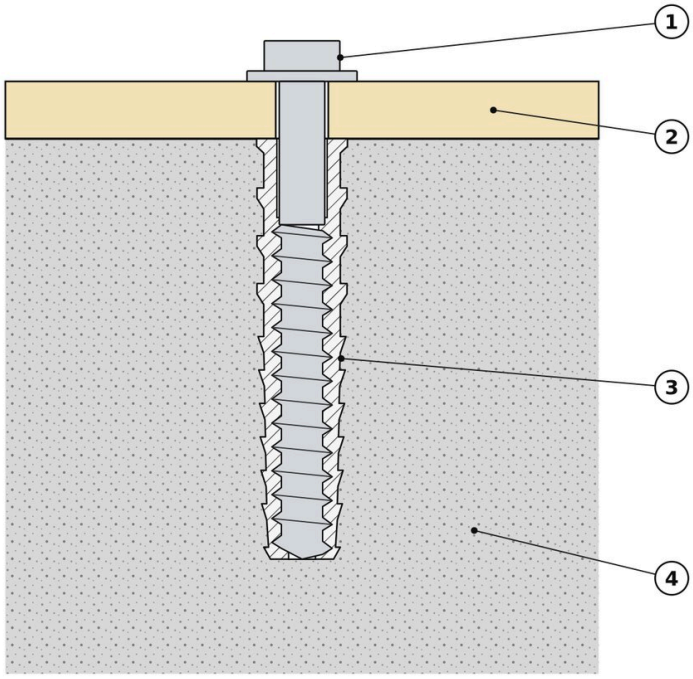
One dowel and one screw for each fixing point of the product.

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

Drawings and details · 3/3

Montaj: un diblu și un șurub la fiecare punct de prindere

Installation: one dowel and one screw at each fixing point



1 Șurub ATZ 80A, Ø10 x 110 mm, strâns în diblu.
ATZ 80A screw, Ø10 x 110 mm, tightened into the dowel.

2 Piesa care se prinde (stâlp, opritor, limitator); la stâlpii delimitatori, gaura din bază are Ø11 mm.
The part being fixed (post, wheel stop, speed bump); on the delineator posts the hole in the base is Ø11 mm.

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, cu gaură de Ø16 mm.
Asphalt or concrete, with a Ø16 mm hole.

Fitting the ATZ 80A screw into the ATZ 90A dowel, in asphalt or concrete