

EINBAUANLEITUNG

INSTALLATION INSTRUCTIONS



ALU-STILPFOSTEN

ALUMINIUM ORNAMENTAL BOLLARD

495_01B

495_02B

495_03B

495_11B

495_12B

495_13B

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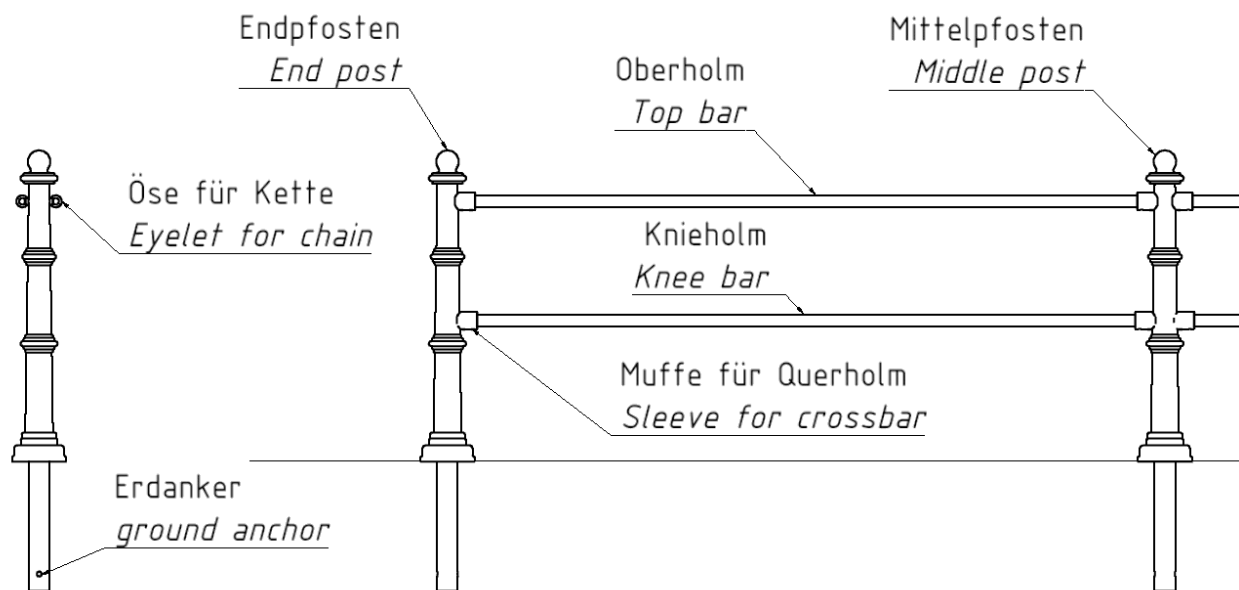
IMPORTANT PRODUCT FEAUTURES

- Cast aluminum posts with tubular steel core
- Fixed, stable post and railing system
(for removable posts, see installation instructions for the respective posts)
- Stil guardrails are assembled on site from prefabricated connecting parts.
- The hinges make the barrier extremely flexible.
The hinges can be used both vertically and horizontally up to 90°.
- Powder-coated in anthracite gray (micaceous iron ore) as standard, powder coating in other common RAL colors possible

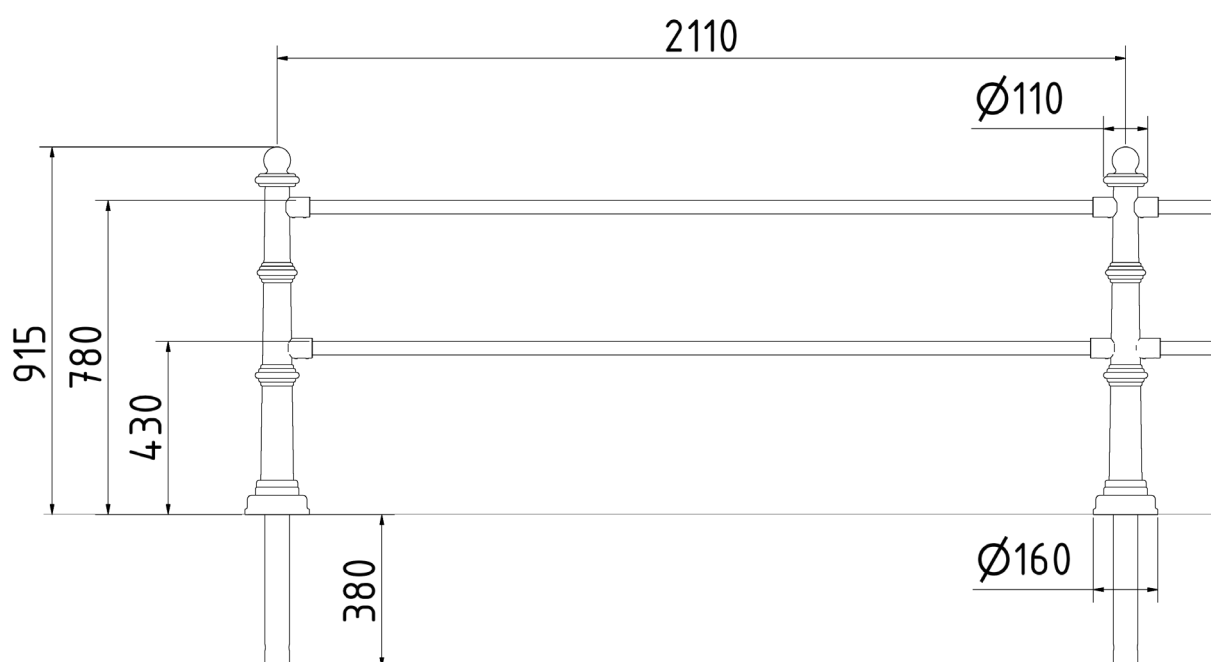
ITEM TEXT

Stil guardrails are assembled on site from prefabricated connecting parts.
The articulated hinges make the barrier extremely flexible.
The hinges can be used both vertically and horizontally up to 90°.
Powder-coated in standard RAL colors.

TERMINOLOGY



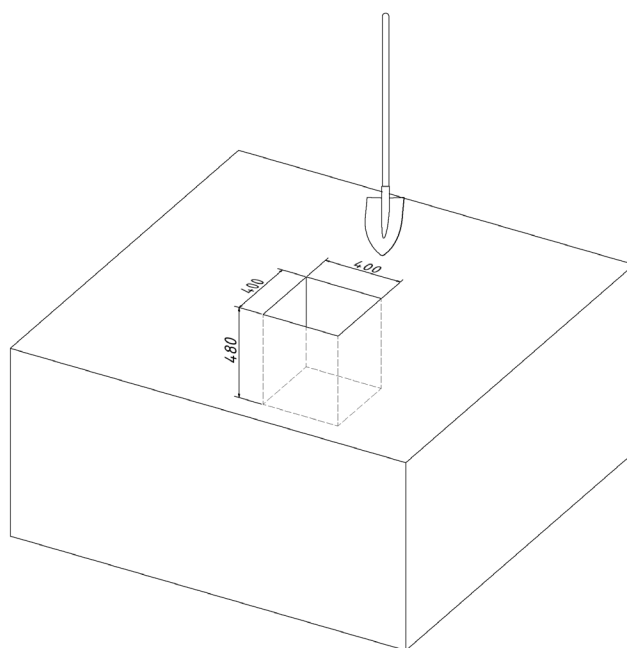
TECHNICAL DATA



ASSEMBLY INSTRUCTIONS

Preparation Step 1a

Dig holes in the floor (L x W x D = min. 400 mm x 400 mm x 480 mm).



Preparation of step 1b

Distance of the foundations:

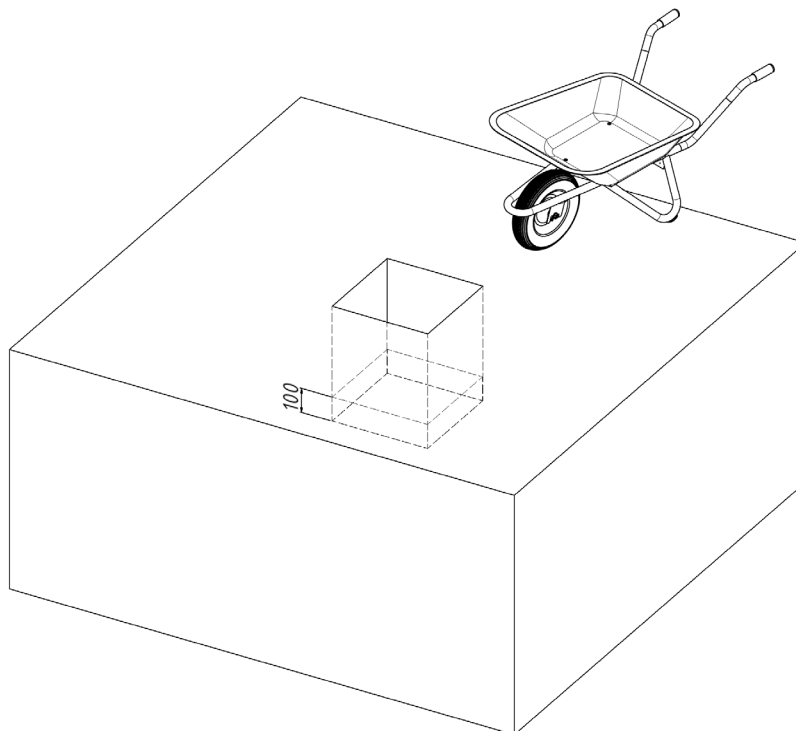
When assembling the style guardrail using the 2000 mm long crossbars (Part-no. 495.20B), a distance of 2110 mm must be maintained from post center to post center.



When using other lengths of crossbars and when using the hinged sections for curves or in connection with uneven / sloping terrain, the distance must be adapted to the local / structural conditions

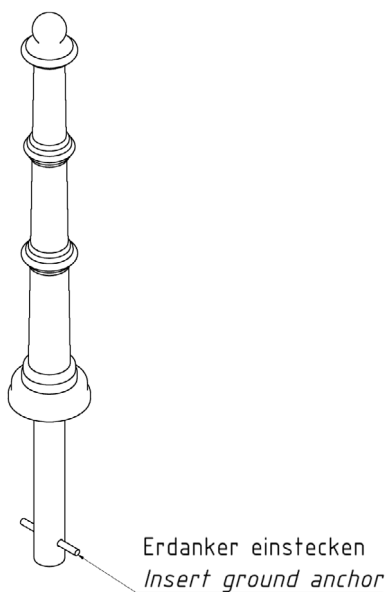
Preparation step 2

Fill in gravel layer as drainage (H = 100 mm at 480 mm hole depth).



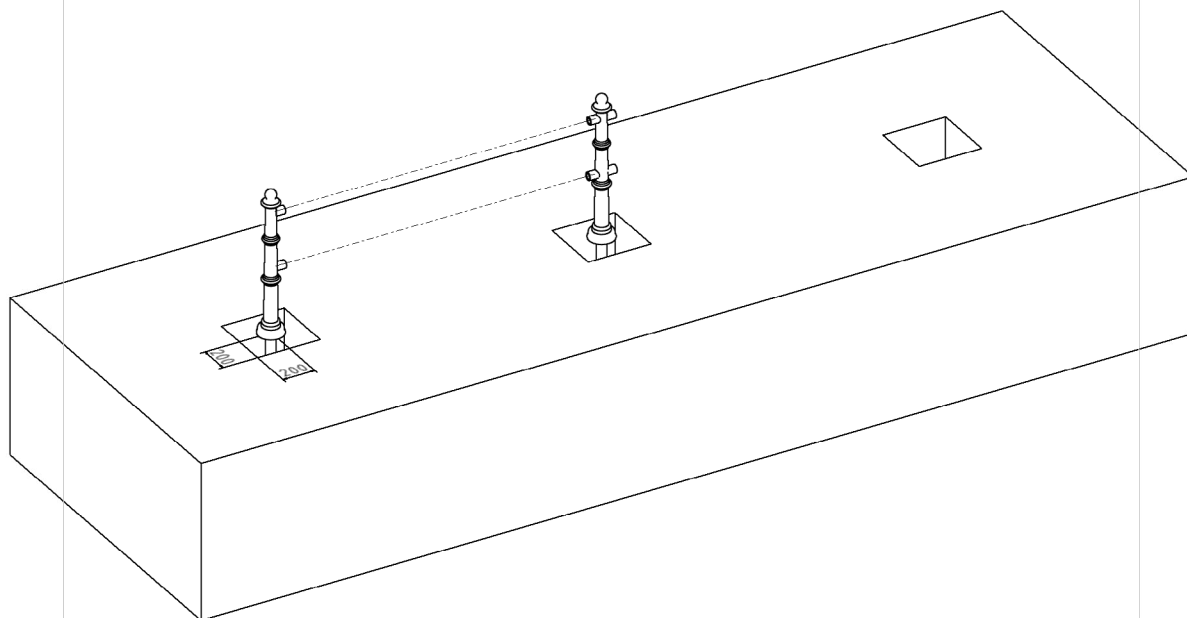
Preparation step 3

Be sure to insert the ground anchor to prevent the post from being pulled out.



Installation step 1

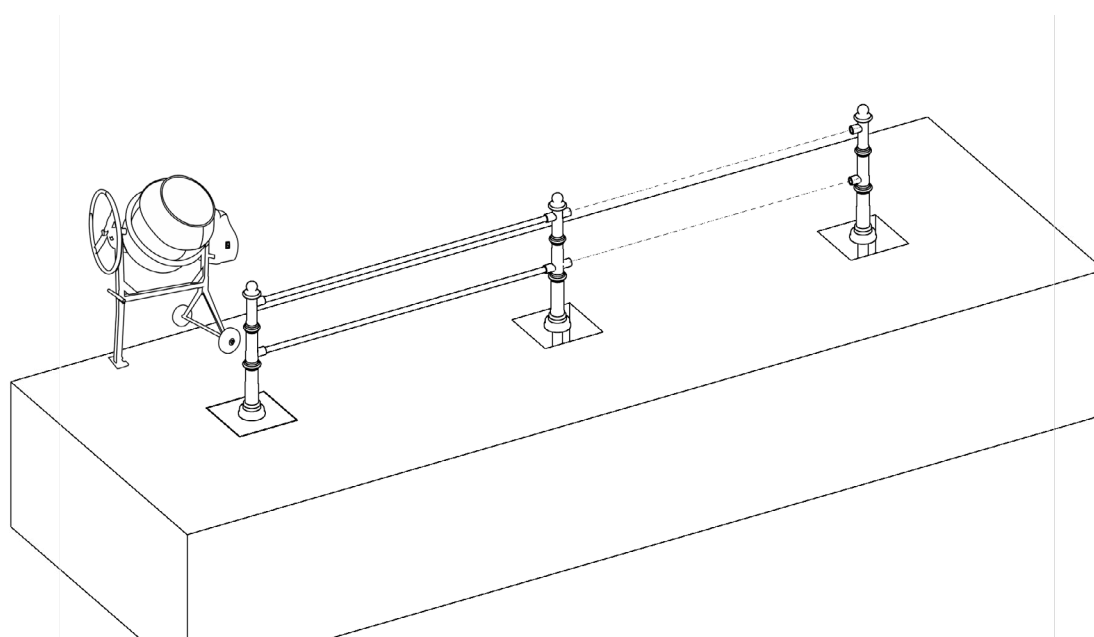
Center the post in the hole. Ensure that the connecting sleeves are aligned with the next post.



Installation step 2

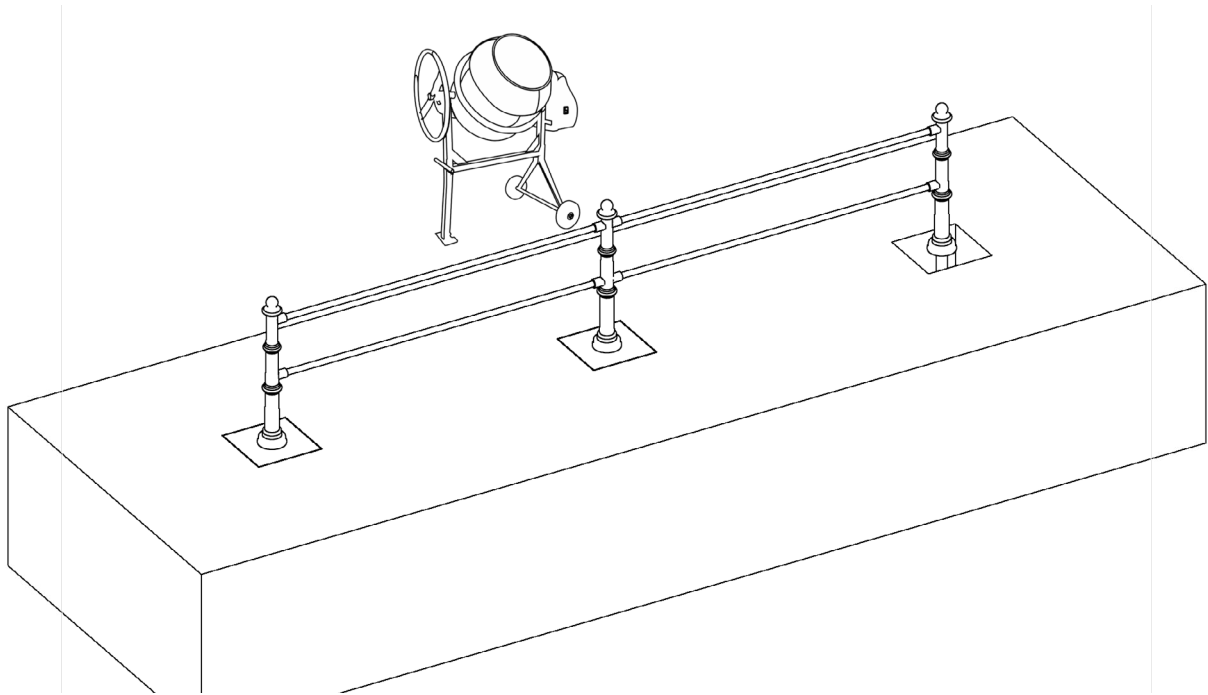
Pour and compact the foundation of the first post, attach the crossbars (see also under Installing the crossbars and Installing the joints below).

Place the second post in the hole, also observing the alignment to the next post and attach the crossbar there.



Installation step 3

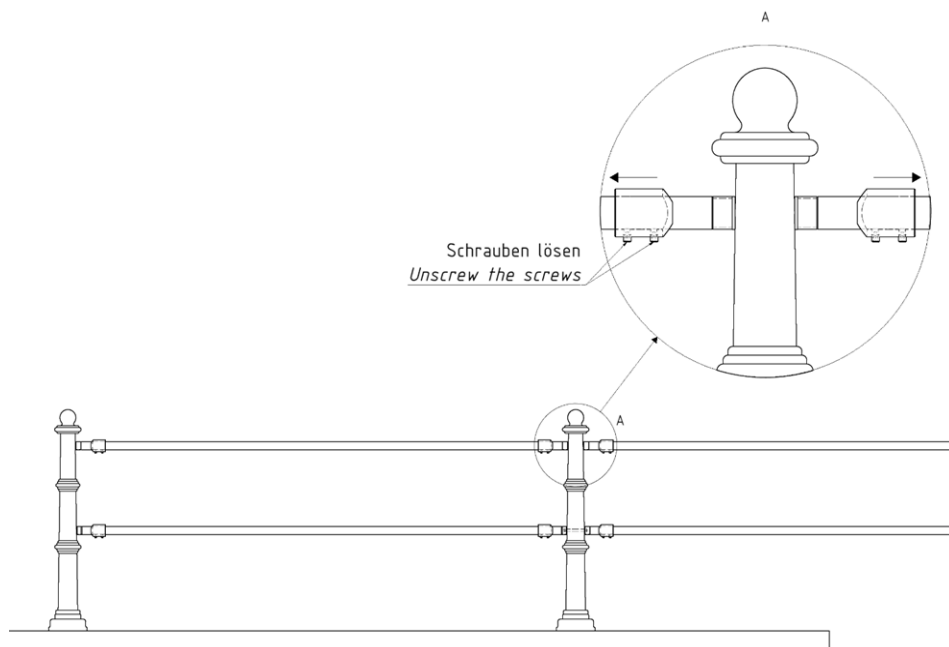
Pour and compact the foundation of the second post and attach the crossbars to the next post. Repeat this step until all posts have been set in concrete and crossbars have been fitted.



Fitting the crossbars step 1

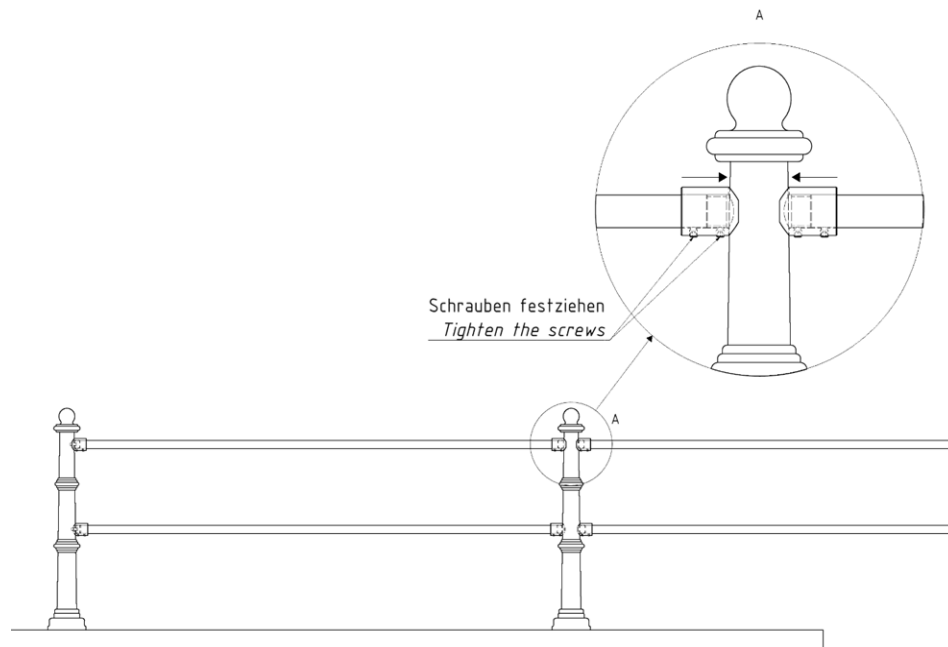
To install the crossbars, loosen the grub screws, remove the aluminum connecting sleeves from the posts and slide them onto the crossbars.

The crossbars can also be dismantled or retrofitted to the posts.



Fitting the crossbars step 2

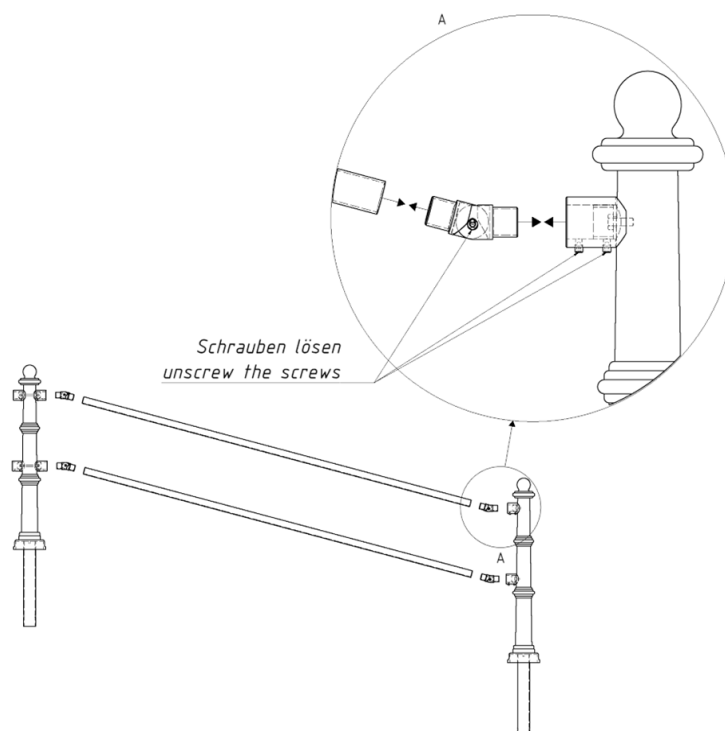
Slide the connecting sleeves from the crossbars that have been brought into position back onto the mounts on the post and tighten the grub screws.



Fitting the joints step 1

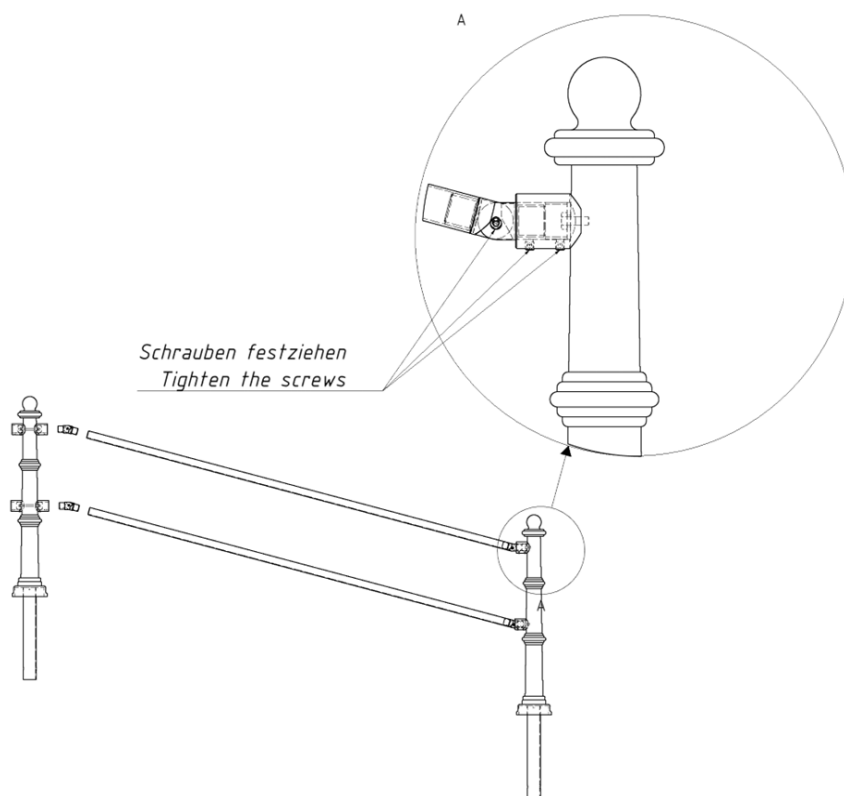
When using the joint pieces, insert them into the crossbar on one side and into the connecting sleeve on the other.

To do this, loosen the grub screws on the connecting sleeve and the joint.



Fitting the joints step 2

Align the crossbar and retighten the grub screws.



By using the hinges, height differences in vertical posts can be compensated for and curves in the railing system can be realized. The hinges can be aligned up to 90° in all directions.

*I data and dimensions are approximate values (partly with industry-standard rounding for better understanding) and serve only for product understanding, but not as a base for design of accessoires, storage solutions, adaptations, combination products or the like. All information is provided without guarantee, for possible errors and resulting consequences we assume no responsibility. Subject to technical modifications.

ASSORTIMENT / RALATED PARTS

Post:

Part-no.	Description	fixed / removable	eyelets for chain	with sockets for top rail	with sockets for knee rail
495.01B	End post for railing	fixed	-	1	-
495.02B	Center post for railing	fixed	-	2 (180°)	-
495.03B	Corner post for railing	fixed	-	2 (90°)	-
495.11B	End post for railing	fixed	-	1	1
495.12B	Center post for railing	fixed	-	2 (180°)	2 (180°)
495.13B	Corner post for railing	fixed	-	2 (90°)	2 (90°)

*see installation instructions for removable posts

Accessories:

Part-no.	Description	Specifications
495.20B	Tubular steel crossbar, hot-dip galvanized and coated, Ø33.7 mm, length 2000 mm*	
495.24B	Aluminum joint piece, can be used up to 90° in all directions	

*other lengths available on request