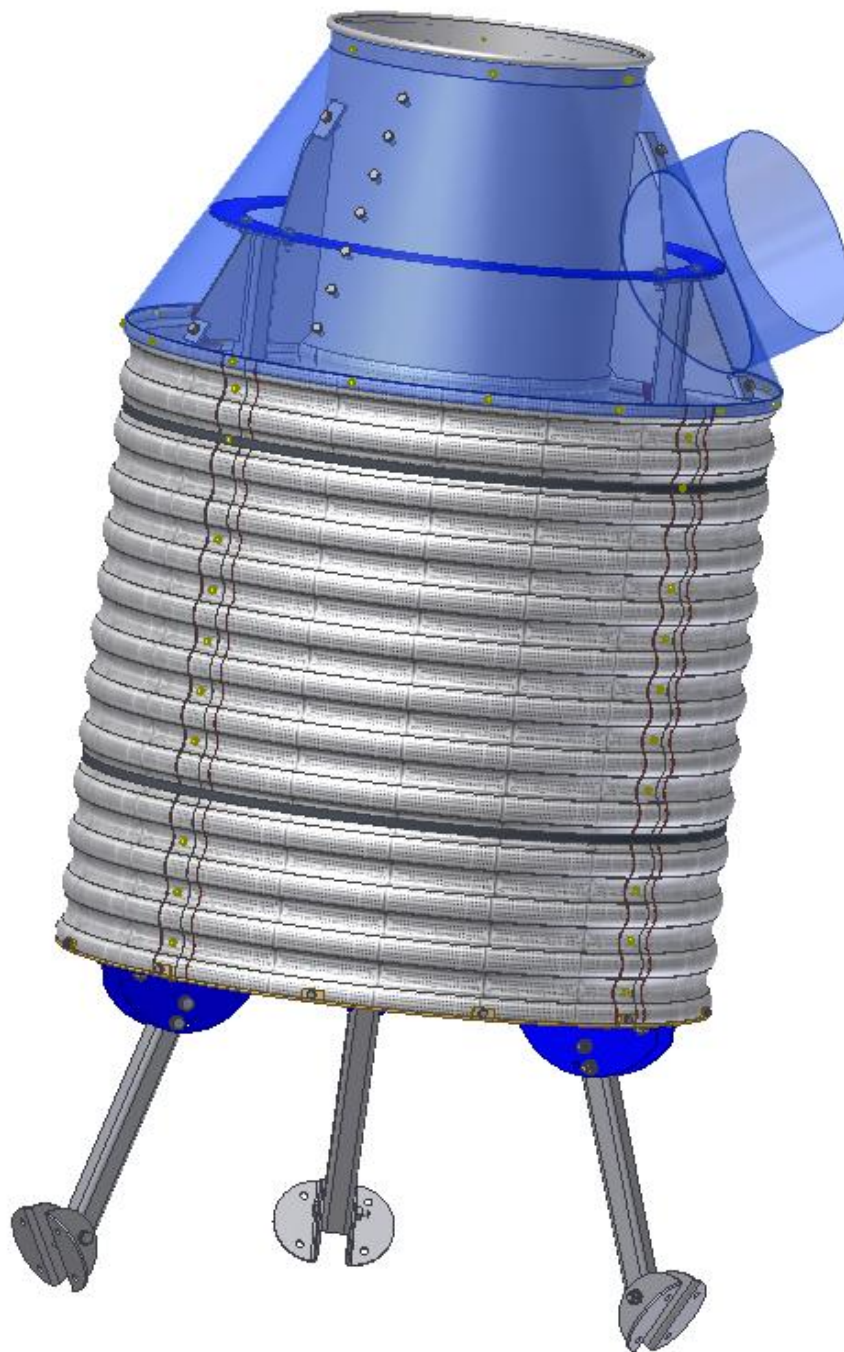


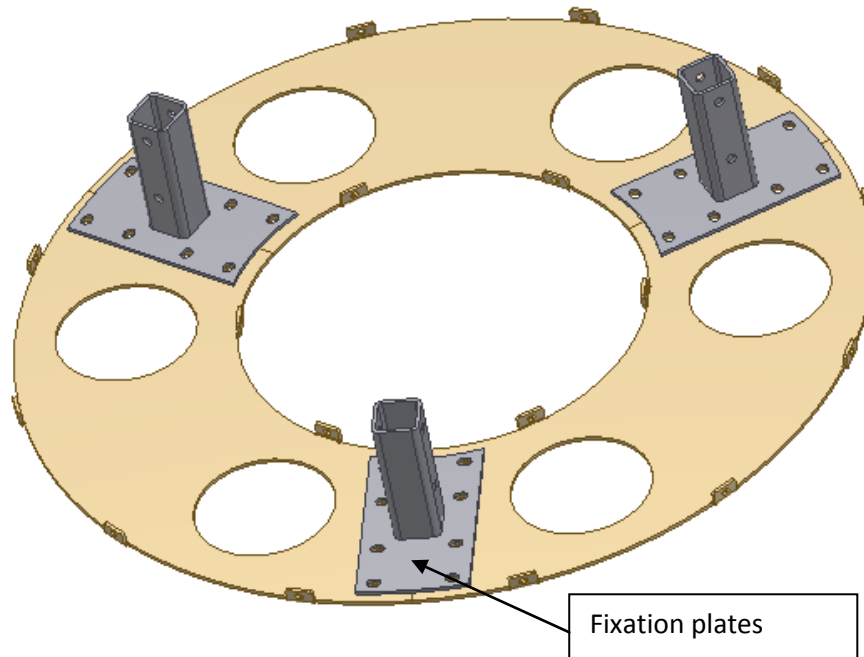
## Air Rocket



**Air-Rocket single parts Art.No. 4009003016182**

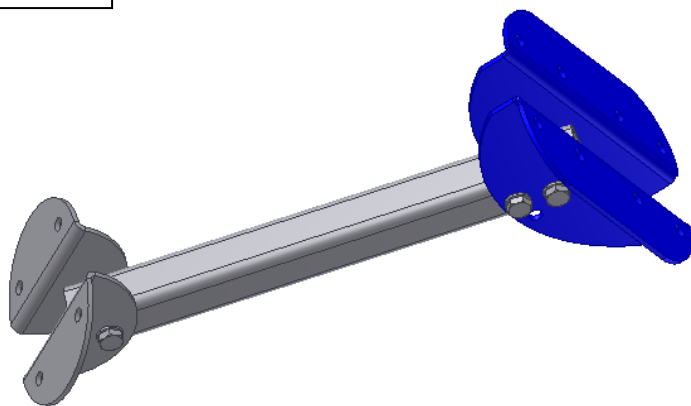
**Floor**

Figure 1



**Feet (pre-assembled)**

Figure 2

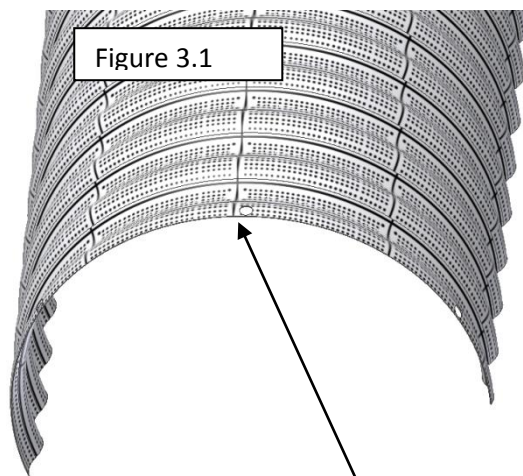


**Inside tube**

Figure 3

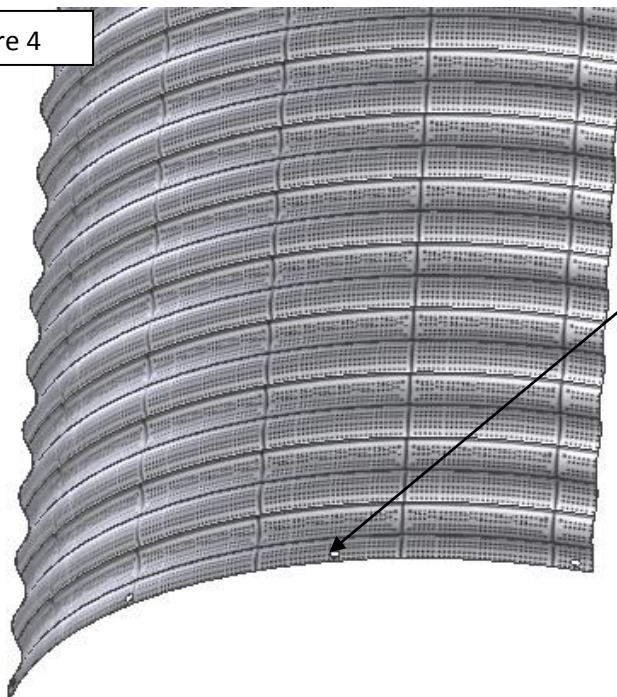


Figure 3.1



**Outside tube**

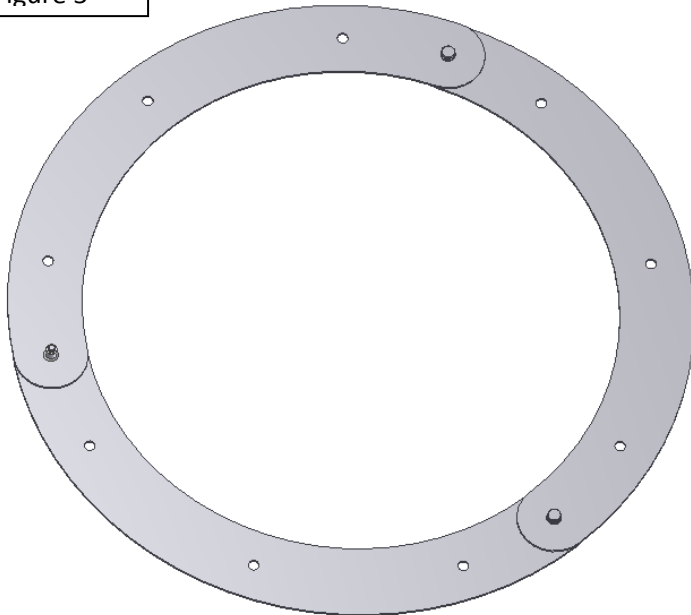
Figure 4



Longitudinal holes  
for fixation to the  
ground plate

**Tensioning cuff for inside tube**

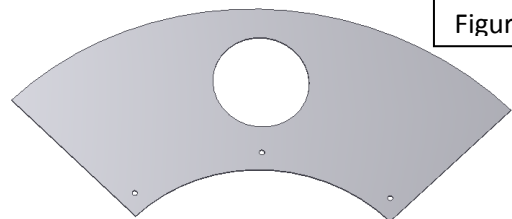
Figure 5



Screw connection with  
M6x20 (Pos1.1+2.1)

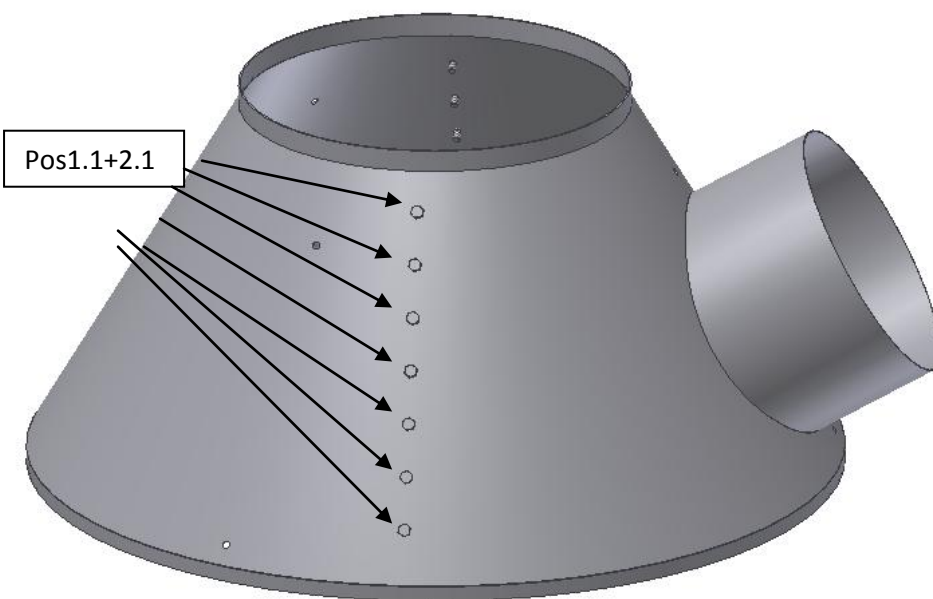
Stiffener for outer tube

Figure 5.1



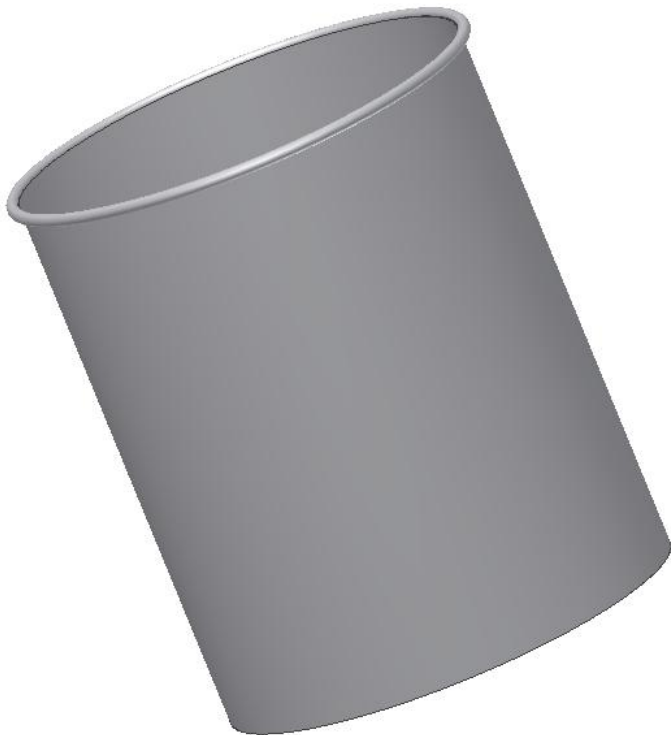
**Cone (2 halves)**

Figure 6



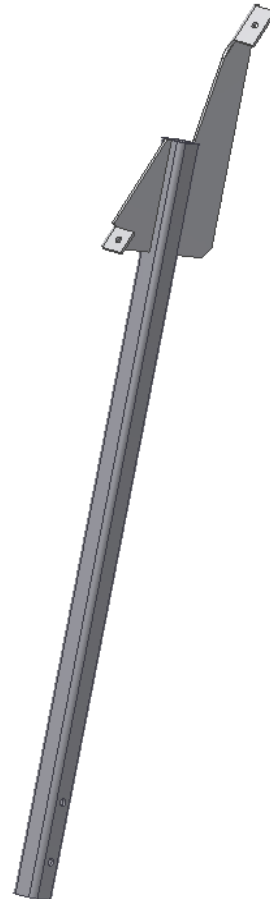
**Inside tube for cone**

Figure 7



**Inside support**

Figure 7.1

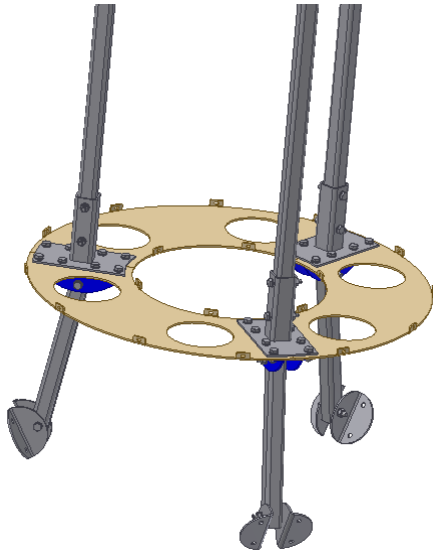


Description	Pieces	Unit	Pos
Hexagonal head screw M 6x20 DIN 933 gv.	50	pc	1.1
Washer 6,4 DIN 125 pcs. gv	62	pc	2.1
Hexagonal nut M 6 DIN 934 8.8 gv	18	pc	3.1
EJOT SAPHIR Drill screw JT2-3x19	80	pc	4.1
Hexagonal head screw M 10x25 DIN 933.8 gv.	24	pc	5.1
Hexagonal head screw M 10x70 DIN 933 gv.	15	pc	6.1
Stopping nut M 10, Quality 8,	39	pc	7.1
Washer 10,5 DIN 125, Form A gv.	78	pc	8.1
Endless belt 13x8, pcs. twisted L=2860mm	2	pc	9.1
Hexagonal head screw M 8x25 DIN 933 gv	12	pc	10.1
Washer 8,4 DIN 125 St. gv	18	pc	11.1
Hexagonal nut M 8 DIN 934 8.8 gv	6	pc	12.1

## Assembly

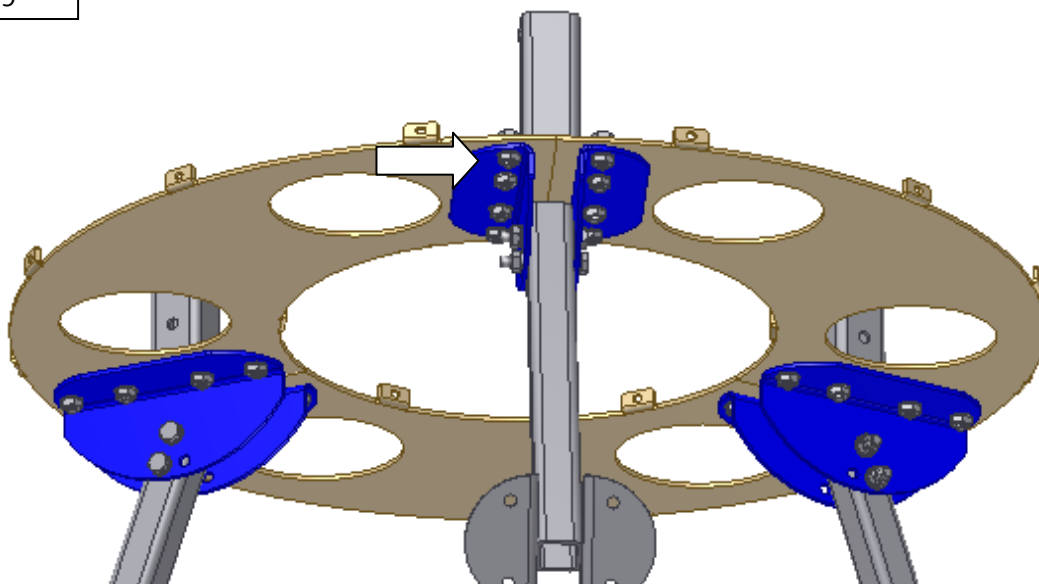
### Step 1:

Figure 8



Screw fixation plates (3 pieces), feet and floor plates (3 pieces) together with M10x25 (Pos5.1+7.1+8.1). (Figure 8+9) / Screw supports with M10x70 (Pos6.1+7.1+8.1)

Figure 9



The floor plate with assembled feet is only attached in the silo with appropriate screws.

## Warning! Safety information

For free-standing silos, it should be ensured that the feet area of the Air Rocket has enough support from outside in order to avoid damages to the cone on the silo. (see figure)

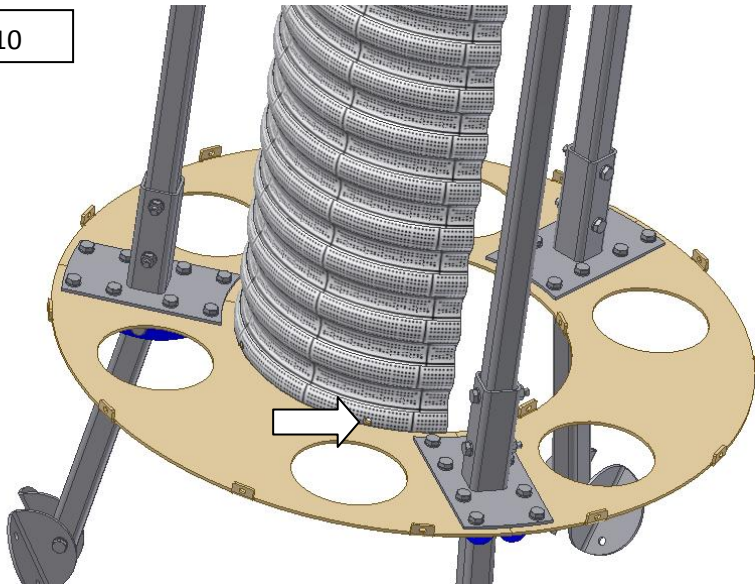


The ventilation tube in the inside of the silo should be sufficiently supported from outside in order to avoid damages to the Air Rocket.

Forces acting on the piping should never be transmitted to the Air Rocket.

**Step 3:**

Figure 10



Screw inner tube to the base plate (M6x20 screws) Pos1.1+2.1 (see longitudinal holes page 2)

**Step 4:**

Figure 11

The tensioning cuff is pre-assembled as shown (Figure 11). The 2-part holed sheet tube (Figure 12) is held by the cuffs and screwed.

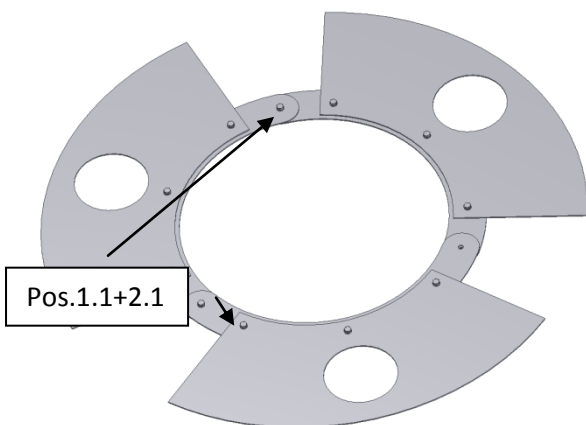
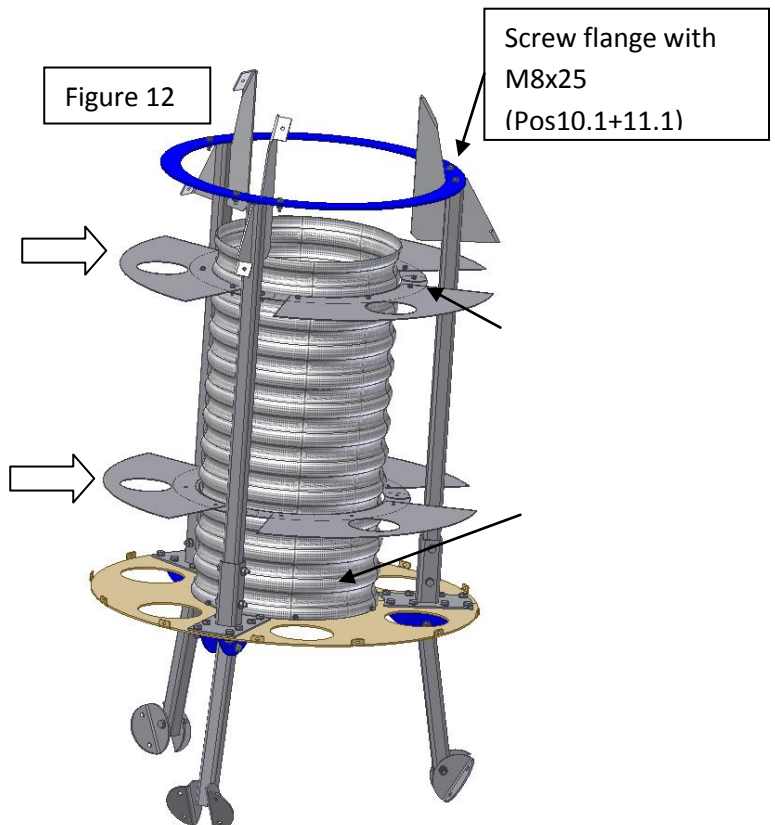


Figure 12



**Step 5**



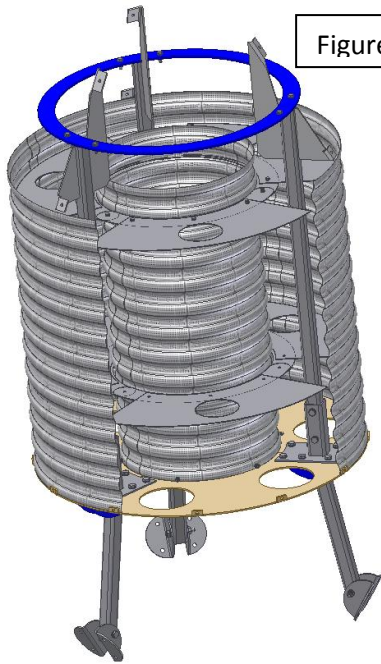


Figure 13

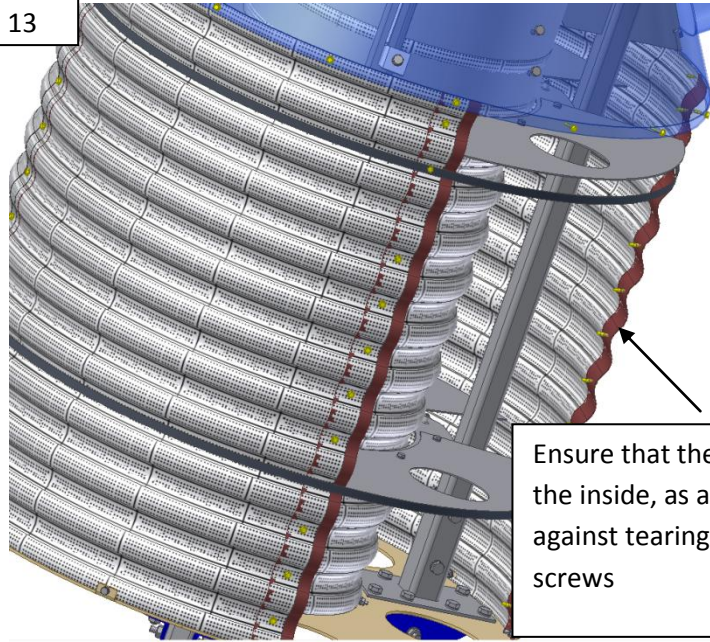


Figure 13.1

Ensure that the stiffeners are on the inside, as a safeguard against tearing out of drill screws

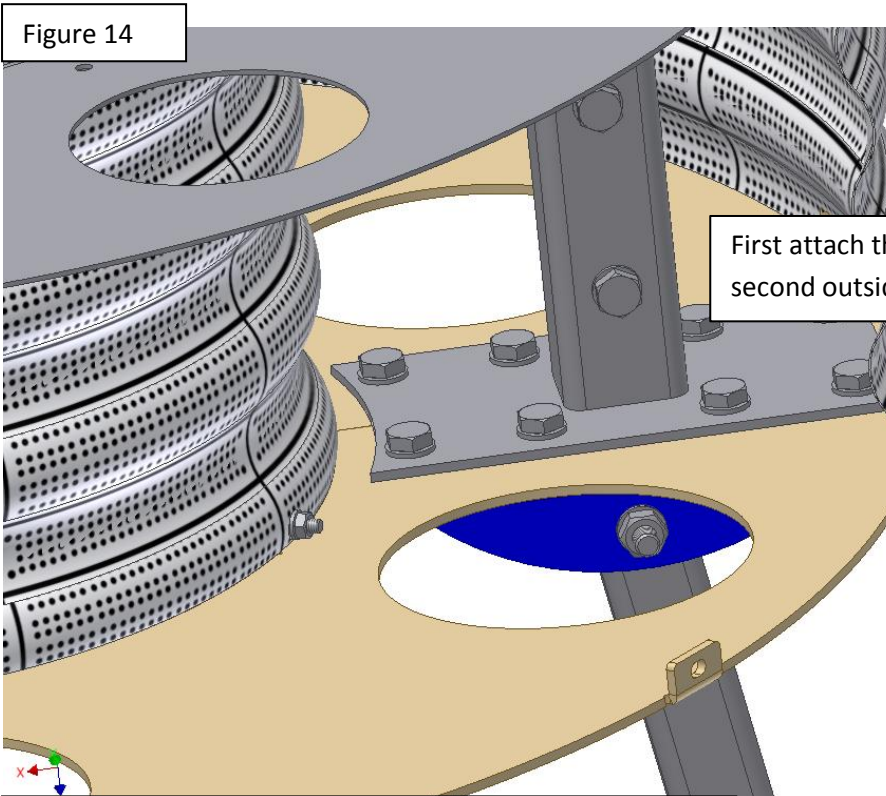


Figure 14

First attach this screw with the second outside tube

Screw the outside tube (M6x20) Pos 1.1+2.1+3.1

**step 6:**

Figure 16



Place the inside tube with cone on the outer holed metal sheet. Make sure that the inside tube (without holes) is pushed into the holed inside tube (Figure 16) Attach cone and holed metal sheet tube with self-tapping screws (see Figure 17+18)

Inside tube for the cone pushed in

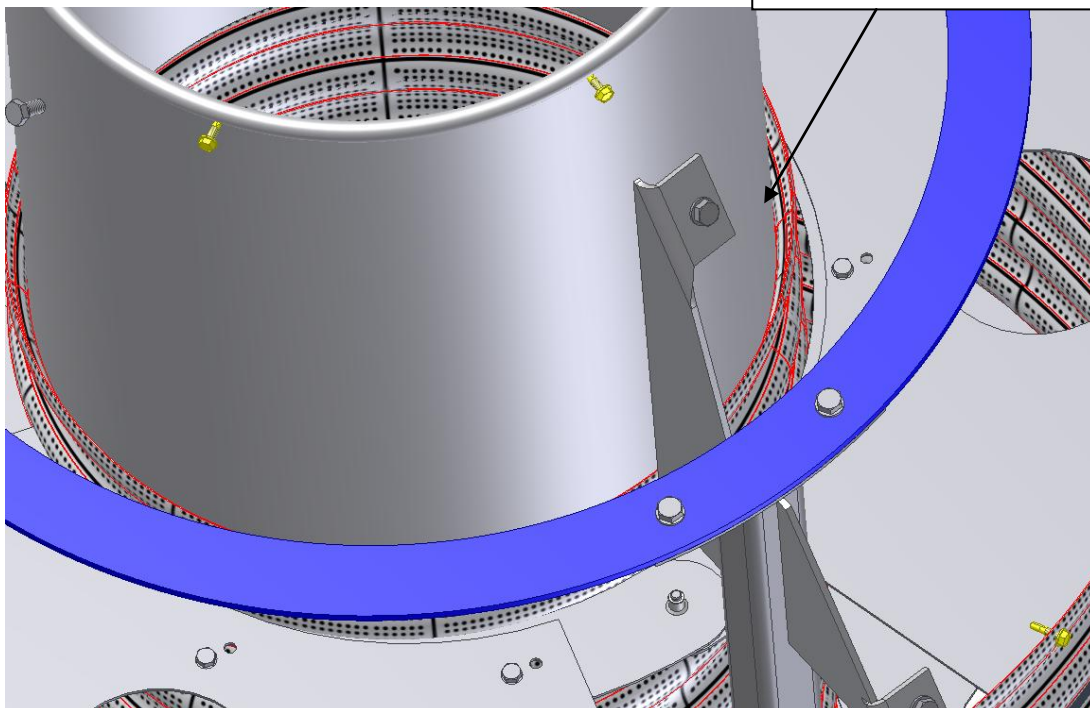


Figure 17

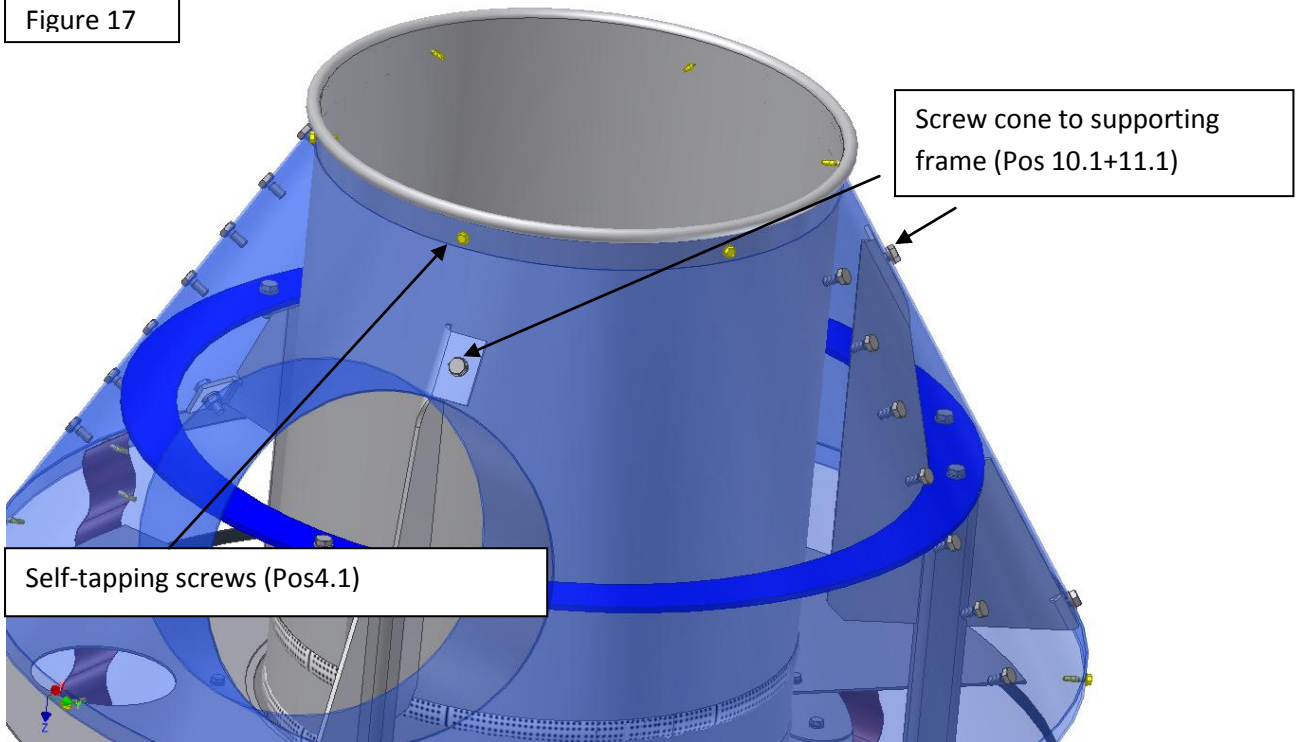
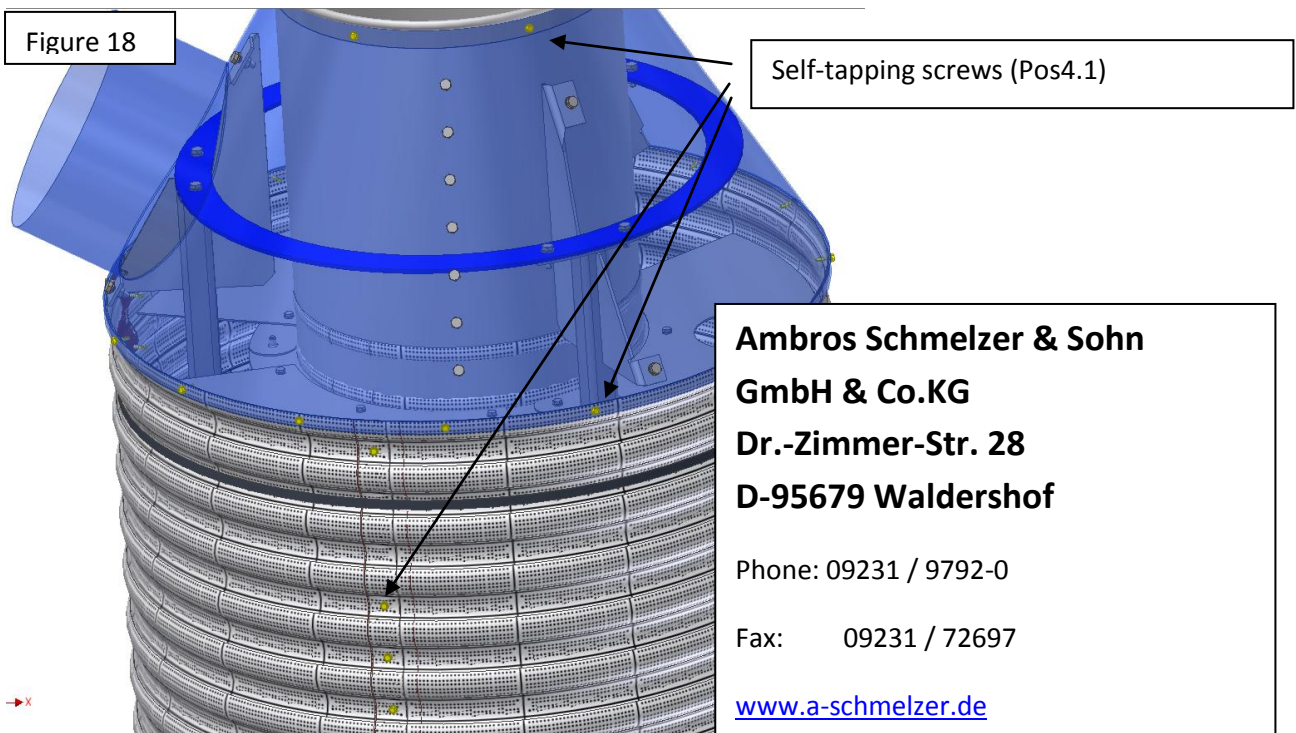


Figure 18



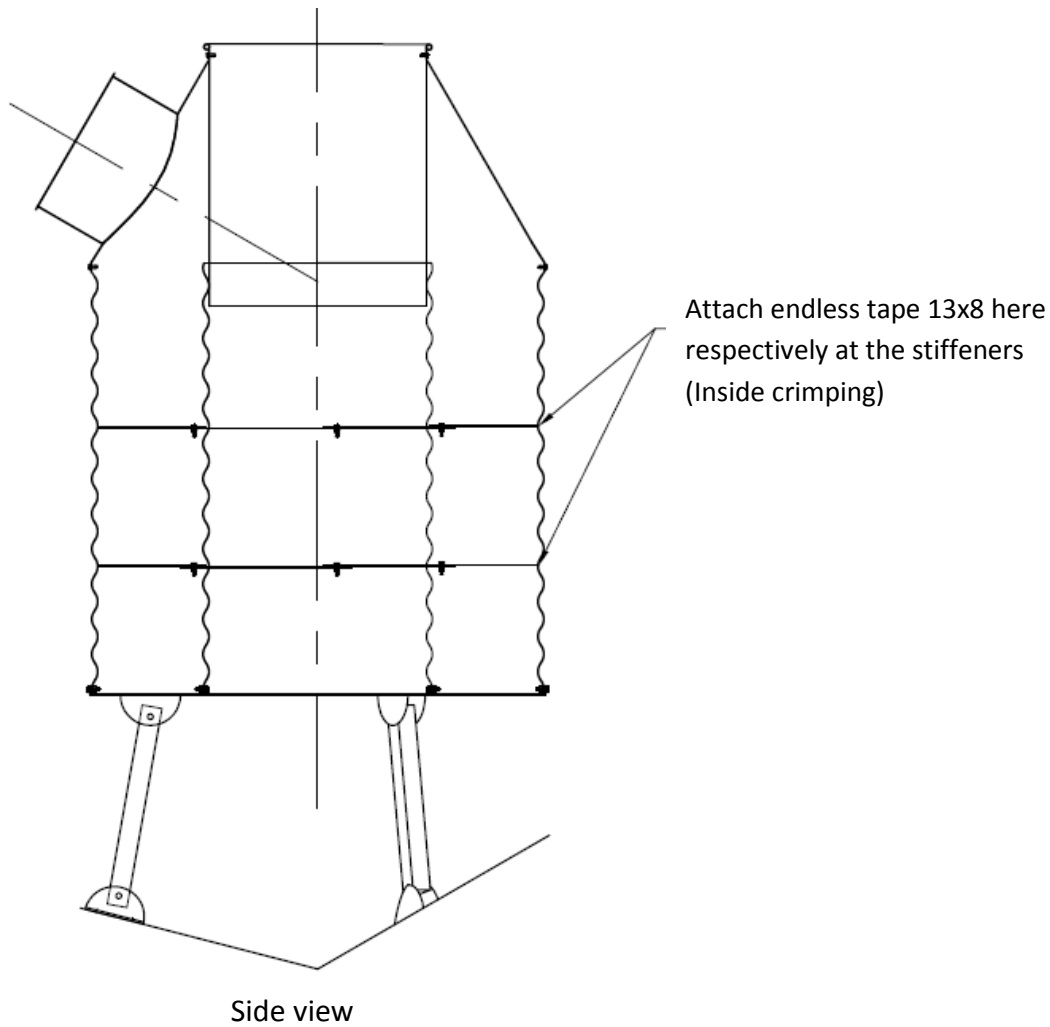
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[info@a-schmelzer.de](mailto:info@a-schmelzer.de)

**Please note:**

- 1) Centred outlet
- 2) Air Rocket middle axis = Outlet middle axis

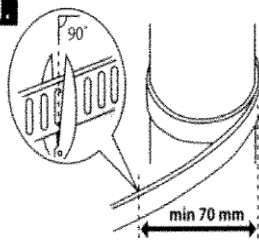


- 3) Symmetrical emptying
- 4) Max. filling height 7m

## Assembly instructions for tensioning belt

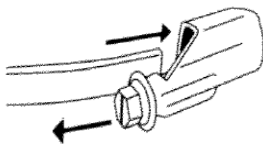
### Montageanleitung Instructions de montage Assembly Instrucciones de montaje

1.



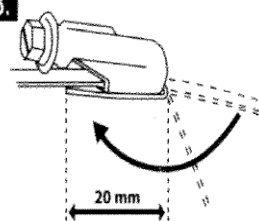
- Ⓓ Schellenband um den zu befestigenden Körper legen, in entsprechender Länge zuzüglich 70 mm parallel zur Prägung im Zahngrund abschneiden.
- Ⓕ Mesurer la longueur de contour d'objet à serrer, ajouter 70 mm et couper la bande parallèle à la rainure.
- Ⓖ **Measure the required length plus 70 mm and cut the band parallel to the corrugation.**
- Ⓔ Colocar el fleje de abrazadera alrededor del cuerpo a ser fijado y cortarlo a la longitud deseada, más 70 mm, en paralelo al estampaño de la base dentada.

2.



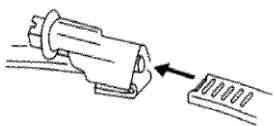
- Ⓓ Schellenband von der Schraubenkopfseite in das Gehäuse einschieben mit einem Überhang von ca. 20 mm.
- Ⓕ Glisser l'ensemble vis et cage sur la bande jusqu'à ce que l'extrémité le dépasse environ 20 mm.
- Ⓖ **Feed one end of the band into the front end of the housing until it protrudes approx. 20 mm.**
- Ⓔ Introducir el fleje en el conjunto tornillo-jaula.

3.

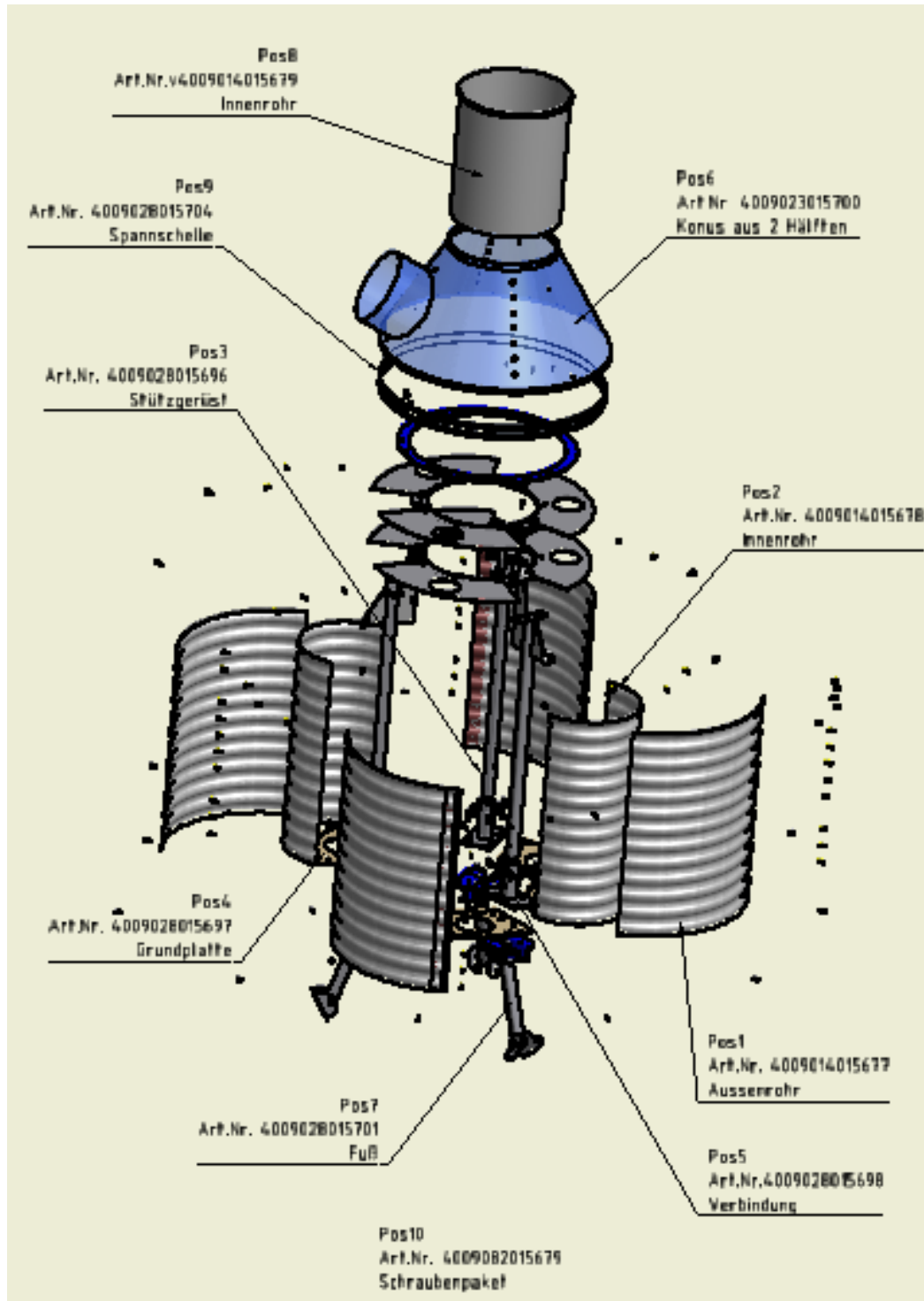


- Ⓓ Diesen Bandübergang von 20 mm um den Sattel biegen.
- Ⓕ Replier environ 20 mm de bande sous la cage.
- Ⓖ **Bend this 20 mm length back under the saddle.**
- Ⓔ Doblar alrededor de 20 mm de fleje por debajo de la jaula.

4.



- Ⓓ Andere Seite des Schellenbandes einschrauben (Tropfen Öl auf Bandanfang).
- Ⓕ Insérer l'autre extrémité de la bande dans la cage et visser (appliquer une goutte d'huile sur la bande).
- Ⓖ **Insert the other band end and tighten (apply a few drops of oil onto the band end).**
- Ⓔ Introducir el otro extremo del fleje dentro de la jaula y atomillar (una gota de aceite sobre el extremo del fleje).



Innenrohr	Inside tube
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Spannschelle	Tensioning cuff
Konus aus 2 Hälften	Cone composed of 2 halves
Stützgerüst	Supporting frame
Grundplatte	Ground plate
Aussenrohr	Outside tube
Fuß	Foot
Verbindung	Connection
Schraubenpaket	Screw set