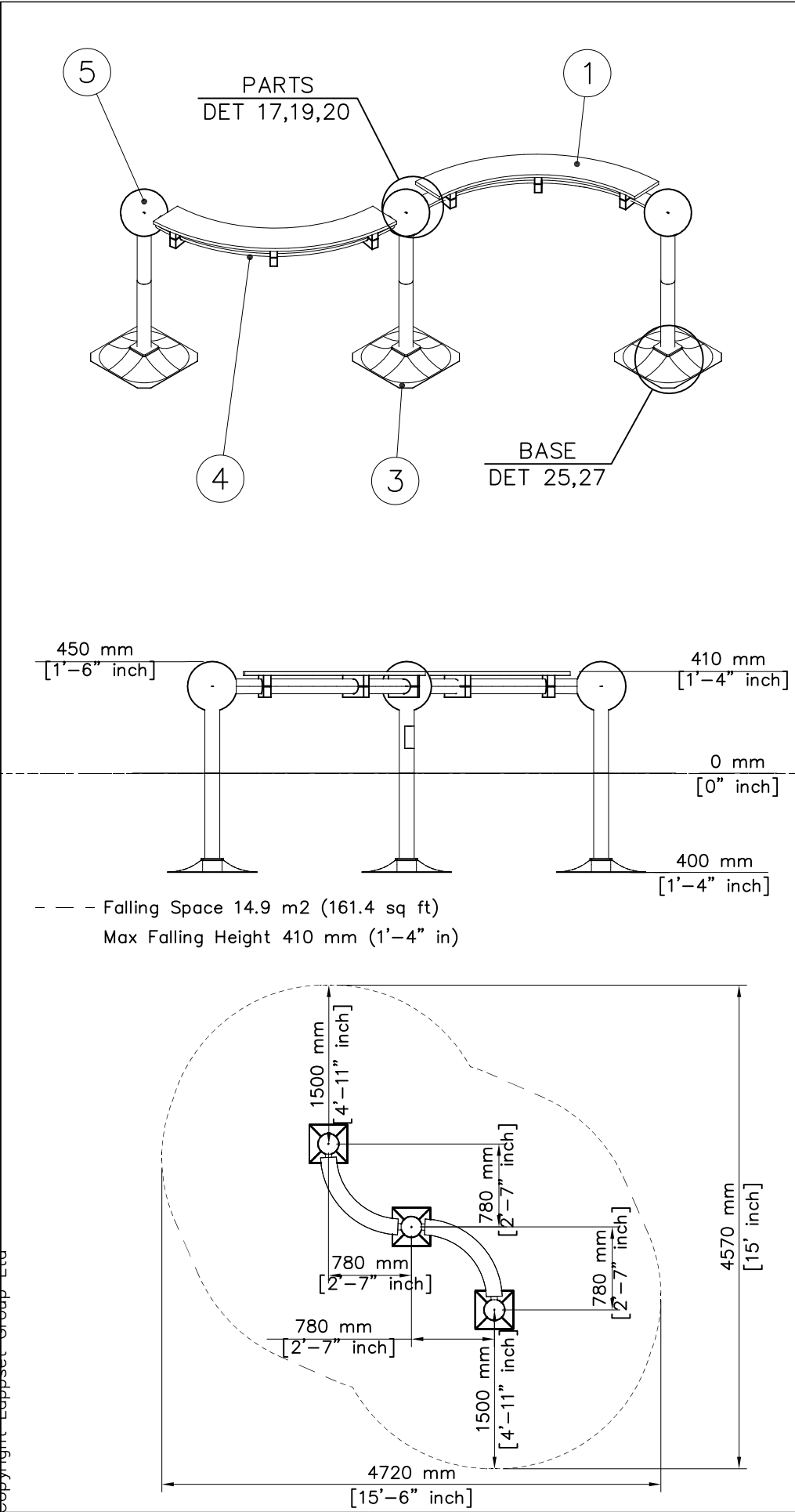
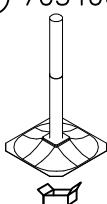
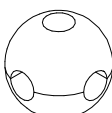
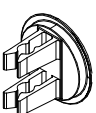
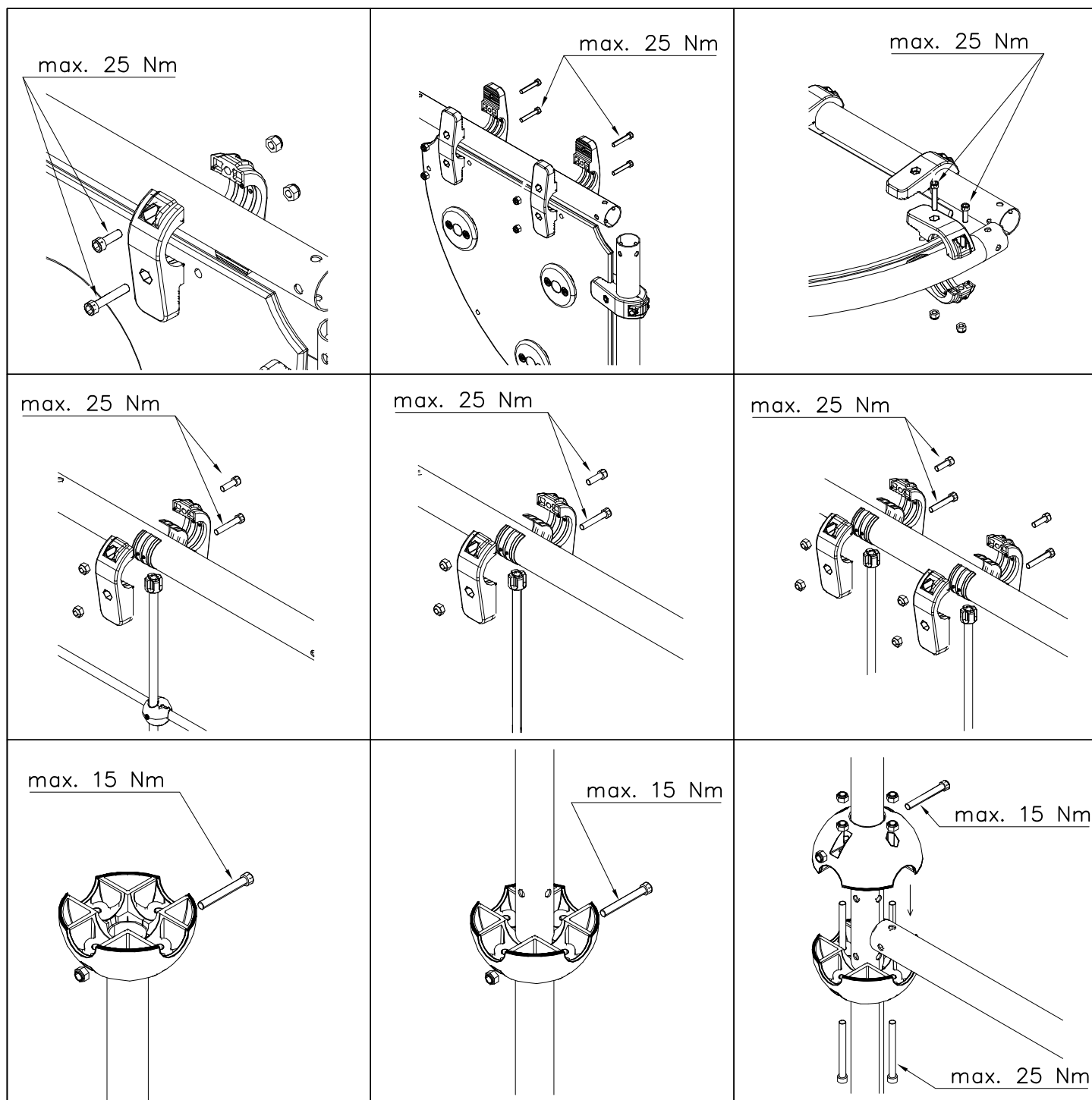




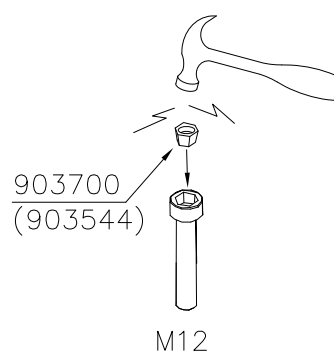
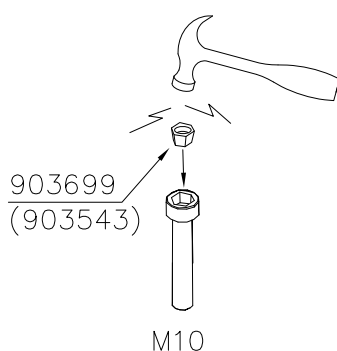
① 702252	PCS	② 702341	PCS
	2		1
③ 703460	PCS	④ 901941	PCS
	3		2
⑤ 902134	PCS	⑥ 904747	PCS
	3		11
	PCS		PCS
	PCS		PCS
	PCS		PCS
	PCS		PCS



Security plugs
are included
only for
selected
products.

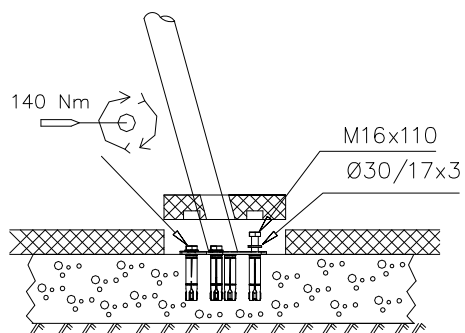
Hoi!
Pultit on kiristettävä lopulliseen kireyteen,
ennen turvapinnien asennusta.

Note!
Tighten bolts properly,
before installing security plugs.



DET 1 Ø8 ↓ 90 (4x) 90 Concrete / Betoni	DET 2 Ø10x100 Ø24/13	DET 3 260 S
DET 4 Betoni / Concrete 400 500x500 Harjateräs / Ribbed bar (A500HW (2x))	DET 5 420 S 500	DET 6 420 S
DET 7 420 S	DET 8 420 S	DET 9 420 S
DET 10 550 S Concrete 600x600x250	DET 11 M10 Ø20/10.5 M10x25	DET 12 Ø25 105 32 53 85 53

DET 13



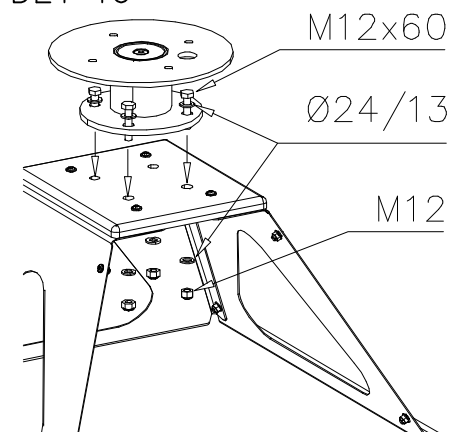
DET 14



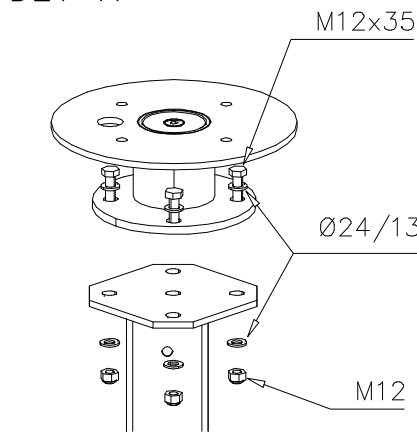
DET 15



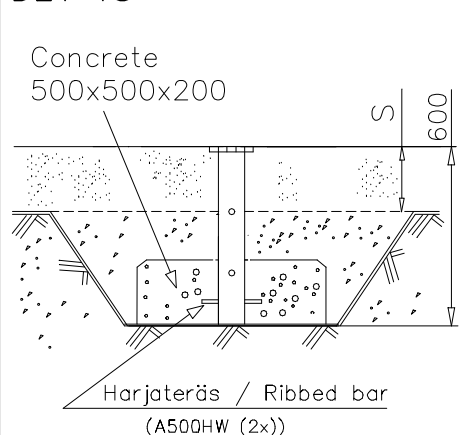
DET 16



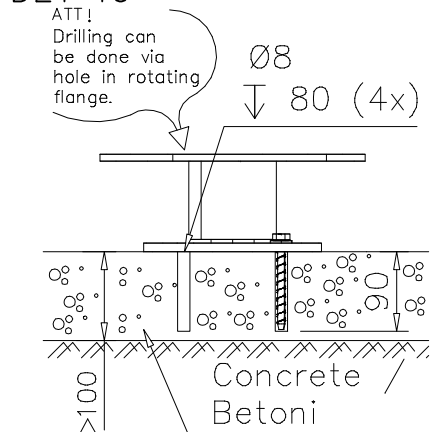
DET 17



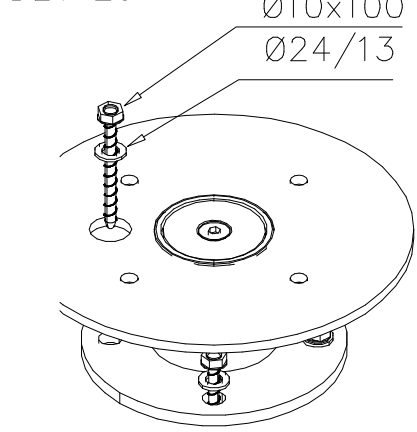
DET 18



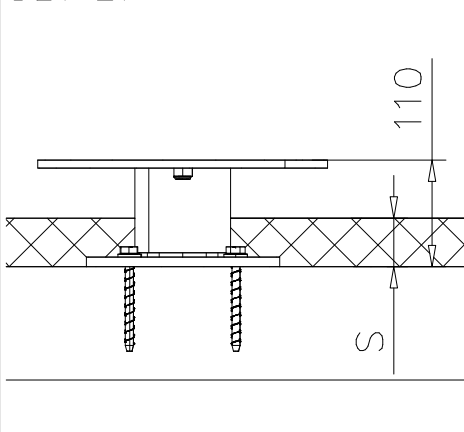
DET 19



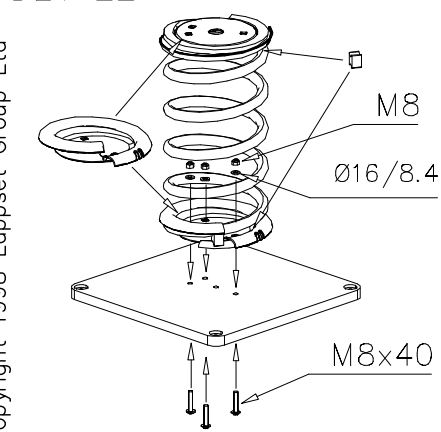
DET 20



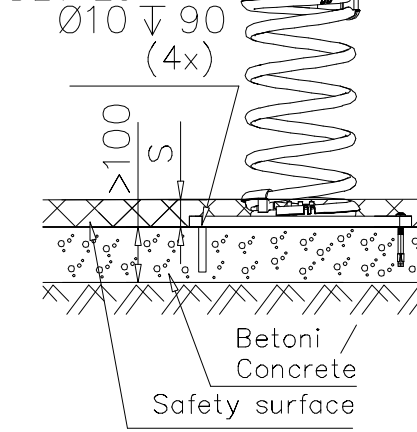
DET 21



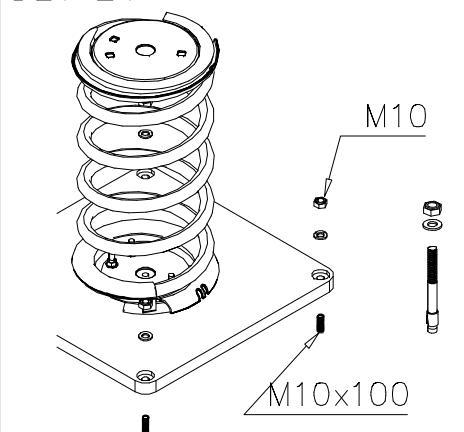
DET 22



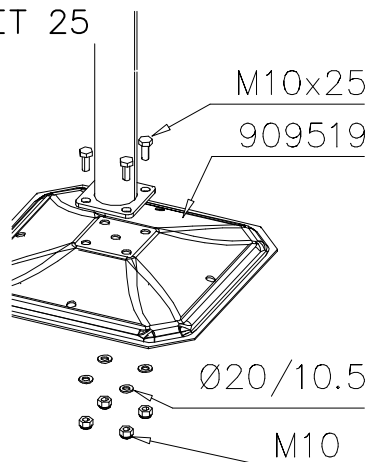
DET 23



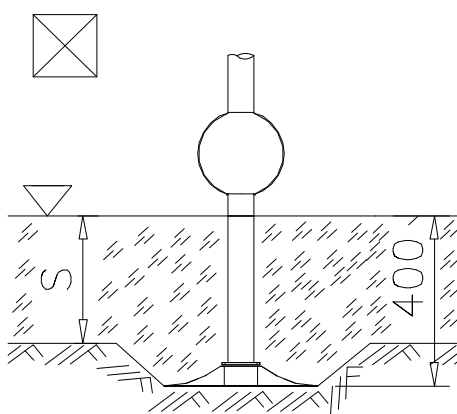
DET 24



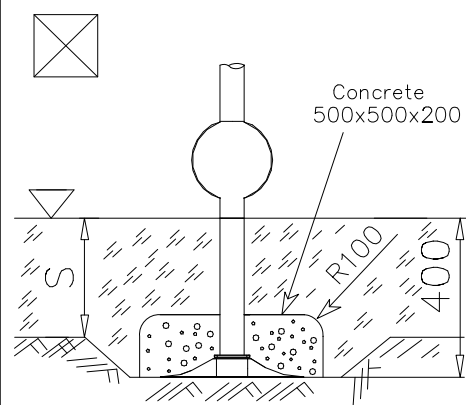
DET 25



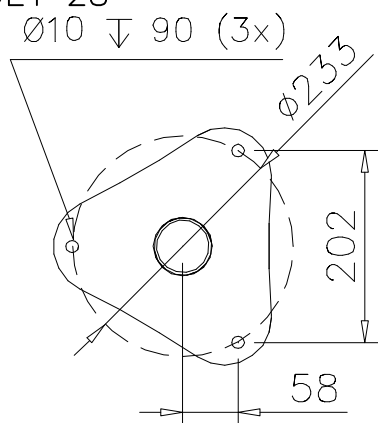
DET 26



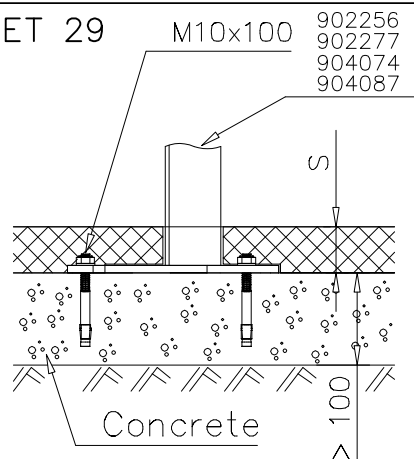
DET 27



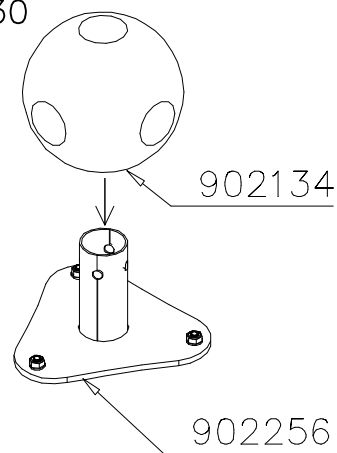
DET 28



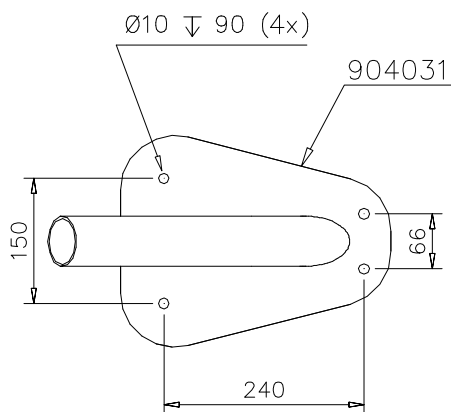
DET 29



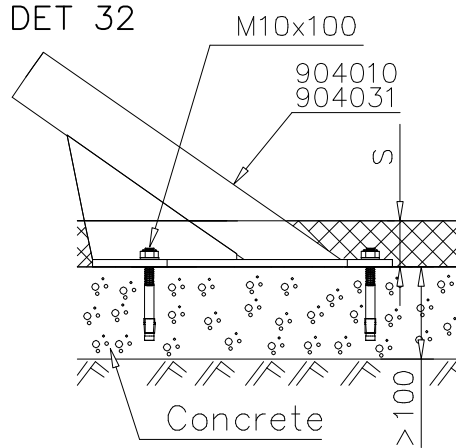
DET 30



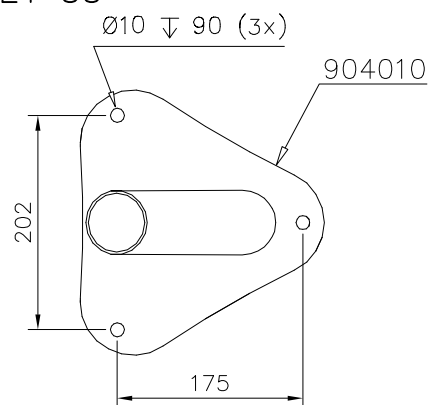
DET 31



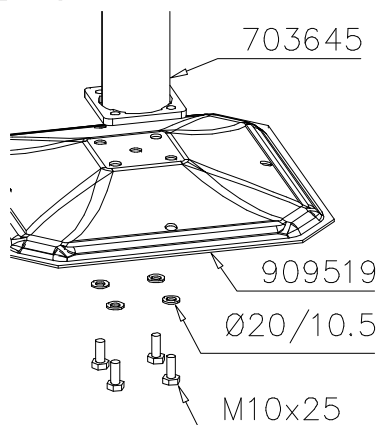
DET 32



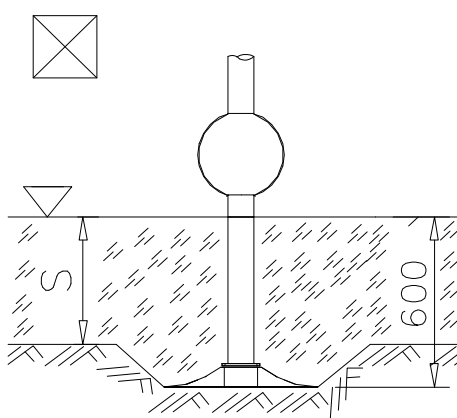
DET 33



DET 34

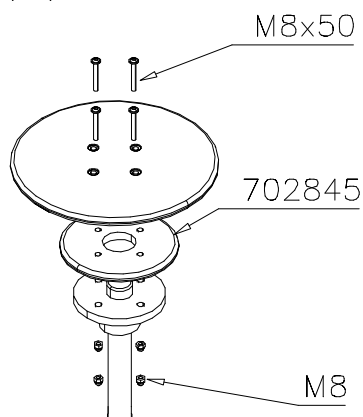


DET 35

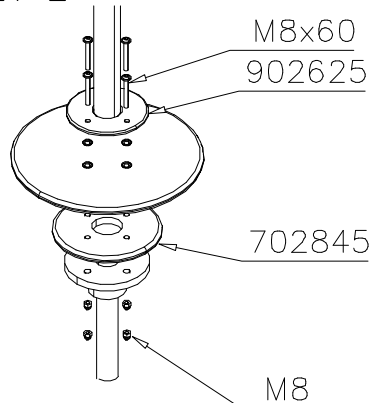


DET 36

DET 1

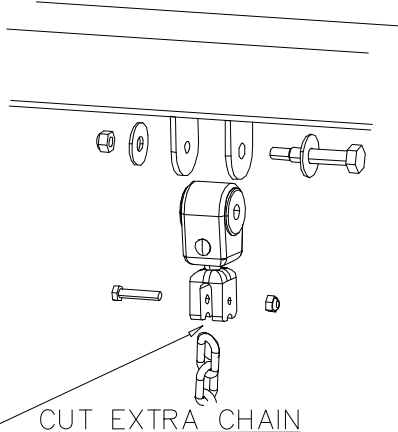


DET 2

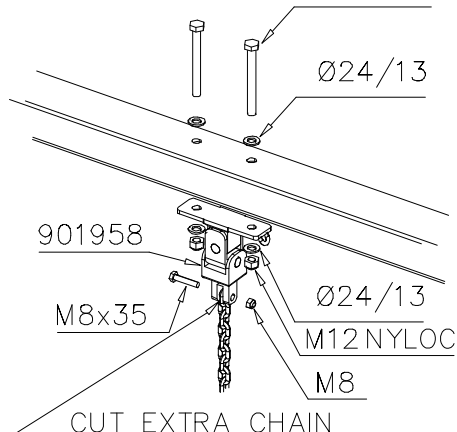


DET 3

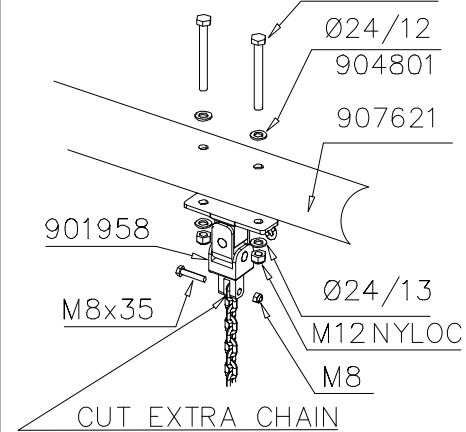
DET 4



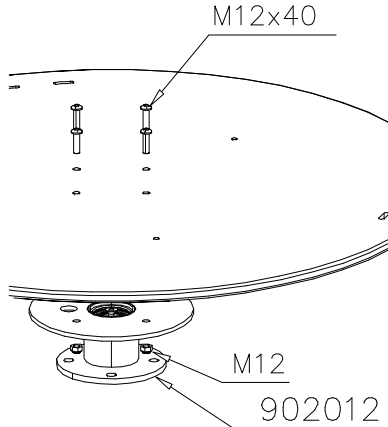
DET 5



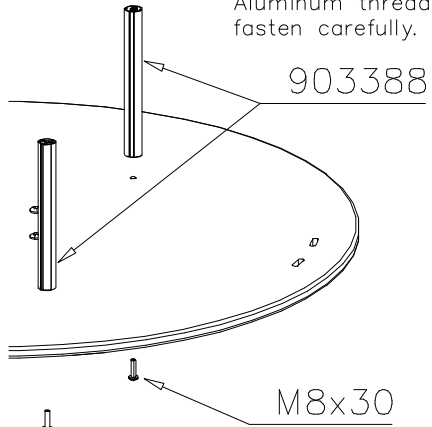
DET 6



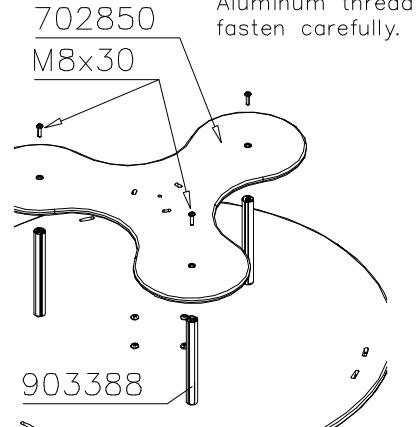
DET 7



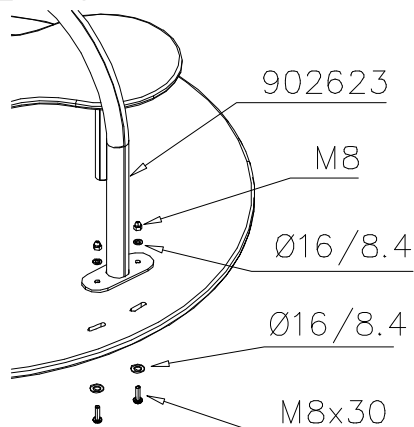
DET 8



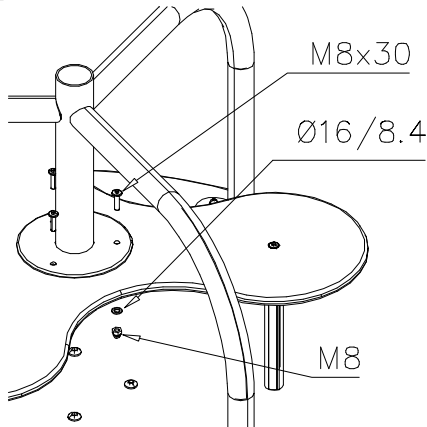
DET 9



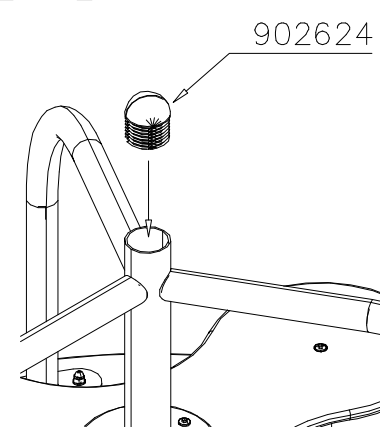
DET 10



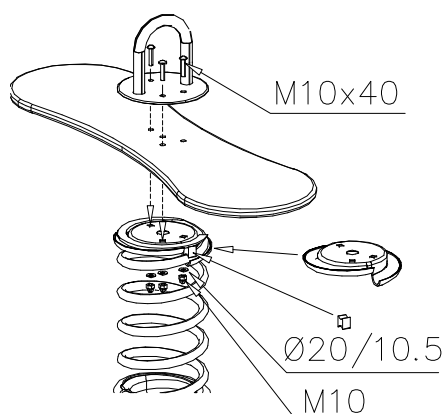
DET 11



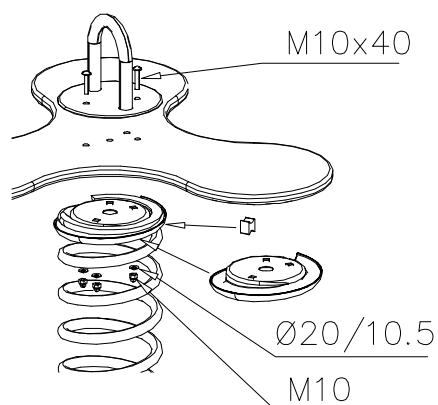
DET 12



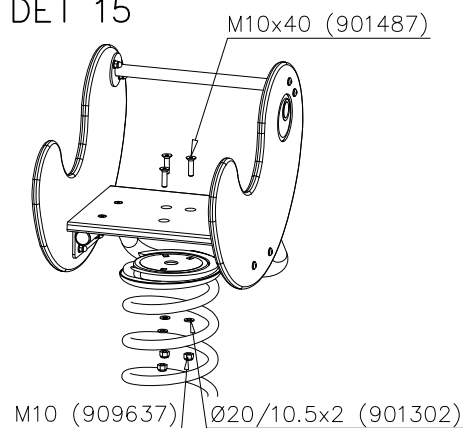
DET 13



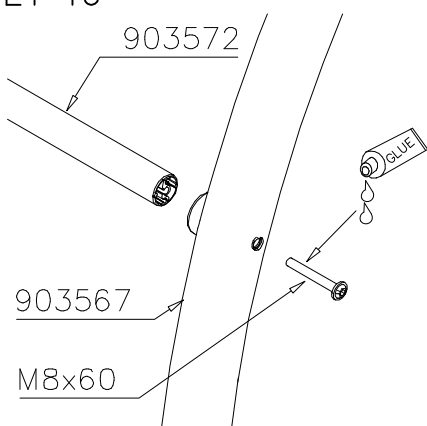
DET 14



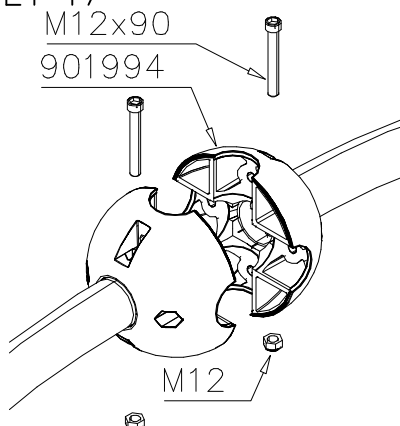
DET 15



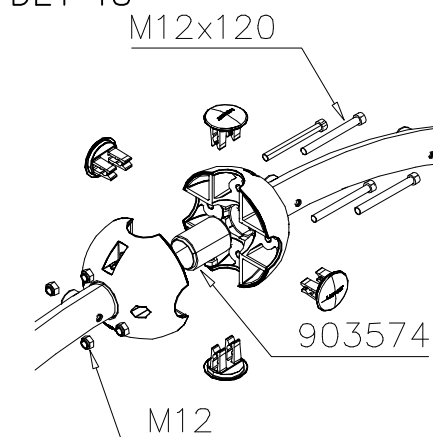
DET 16



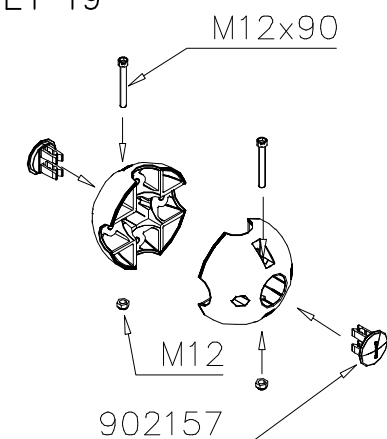
DET 17



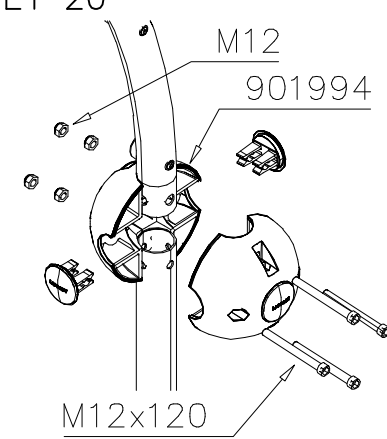
DET 18



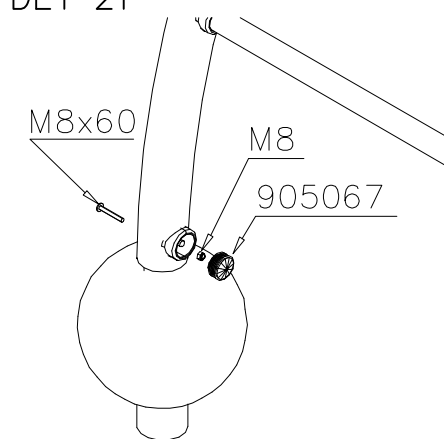
DET 19



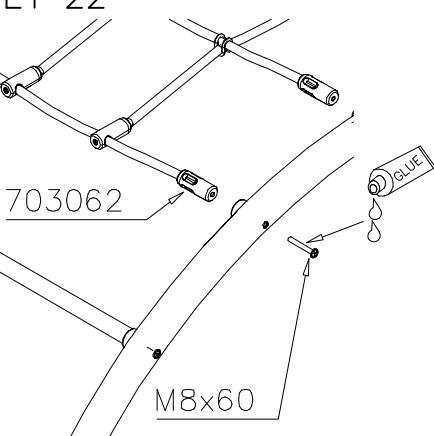
DET 20



DET 21



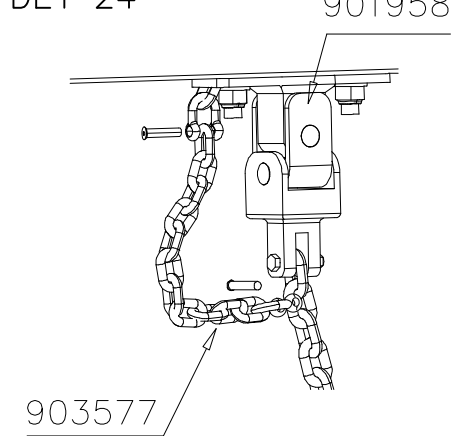
DET 22



DET 23



DET 24



DET 25-26

M12x120

904100

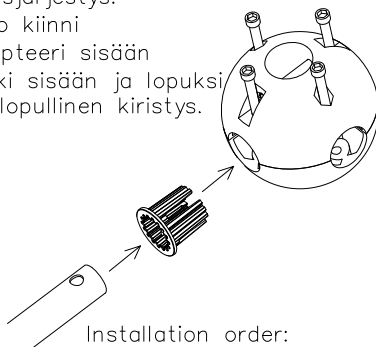
904015

904102

Kun putken pää osuu adapterin kynsiin, adapteri tiukentuu paikoilleen.

Asennusjärjestys:

- 1) Pallo kiinni
- 2) Adapteri sisään
- 3) putki sisään ja lopuksi pallon lopullinen kiristys.



Installation order:

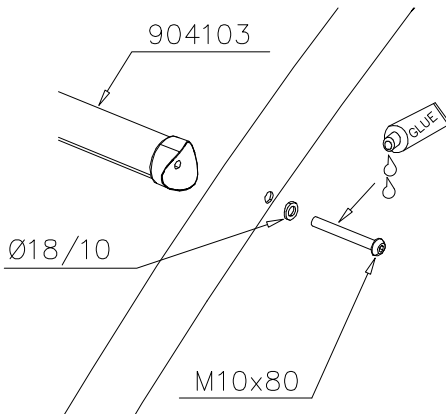
- 1) Close the ball
- 2) Insert adapter
- 3) Insert tube and tighten screws.

DET 27

904103

Ø18/10

M10x80



DET 28

906621

M12x35
(909347)

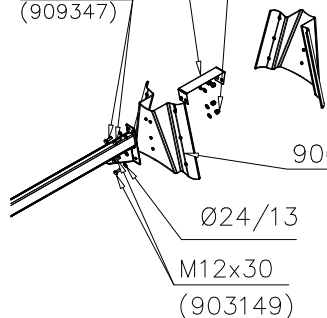
M12

906620

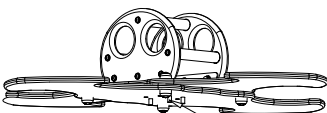
Ø24/13

M12x30
(903149)

M12 → 60 Nm



DET 29

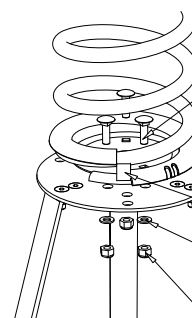


M10x50 (905140)

Ø20/10.5x2 (901302)

M10 (909637)

DET 30



M10x35 (902252)

19x21x25 (903193)

Ø20/10.5x2 (901302)

M10 (909637)

DET 31

M12 → 60 Nm

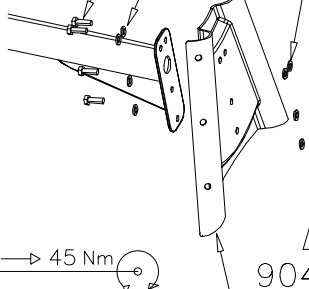
M12x30

Ø24/13

M10 → 45 Nm

M12

904422



DET 32

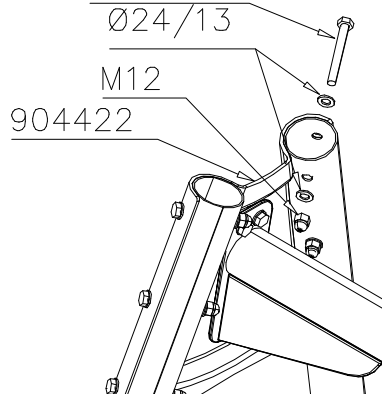
M12 → 60 Nm

M12x100

Ø24/13

M12

904422



DET 33

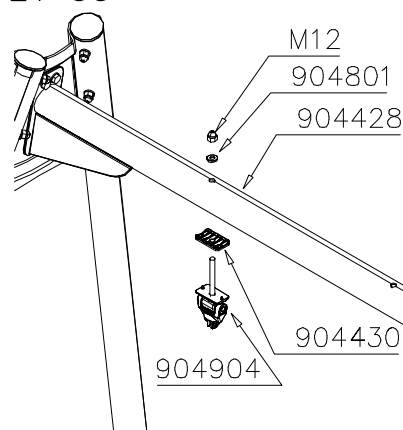
M12

904801

904428

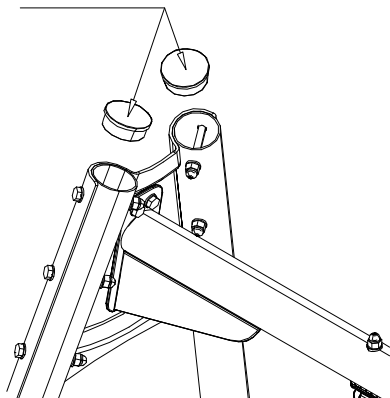
904430

904904

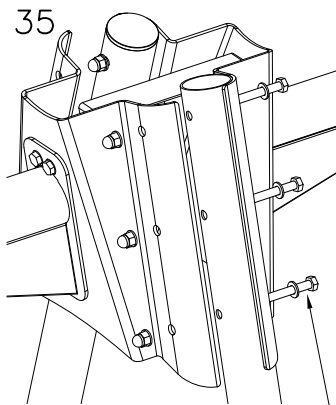


DET 34

904800

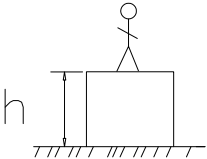
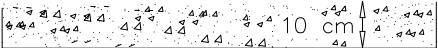
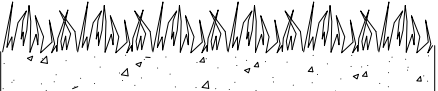
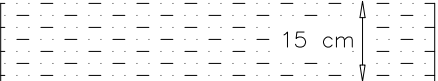
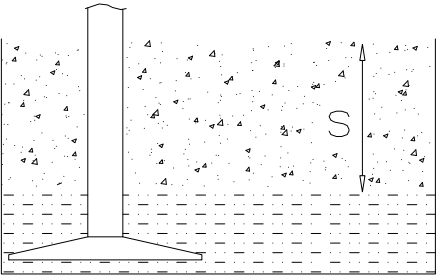
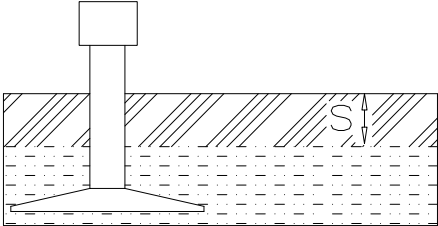


DET 35

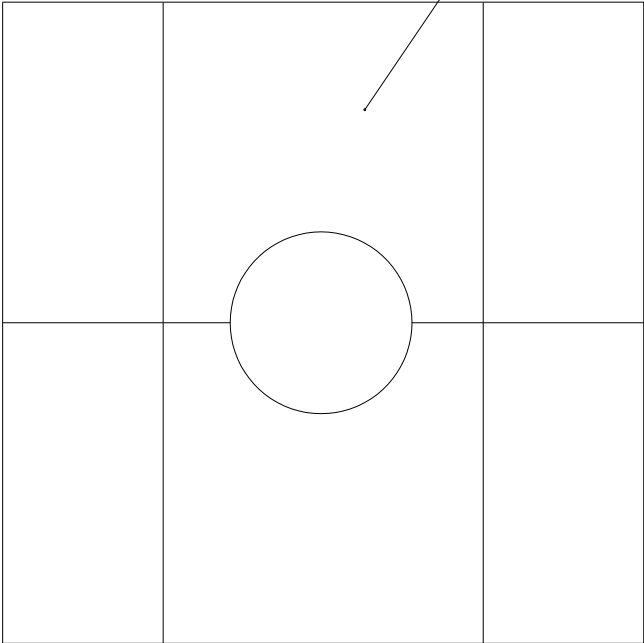


M12x110

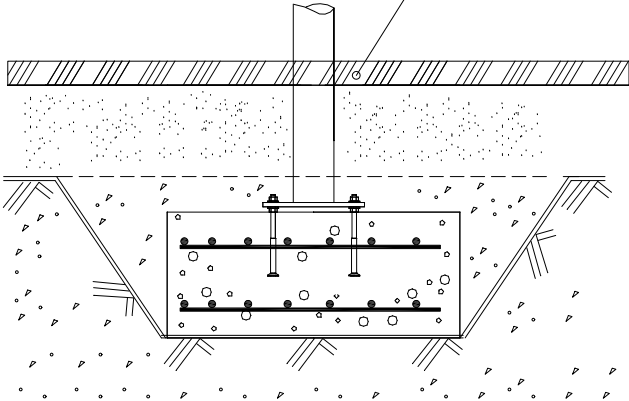
DET 36

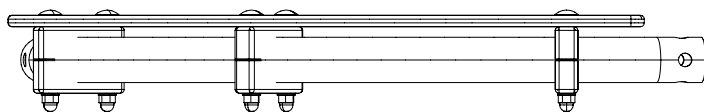
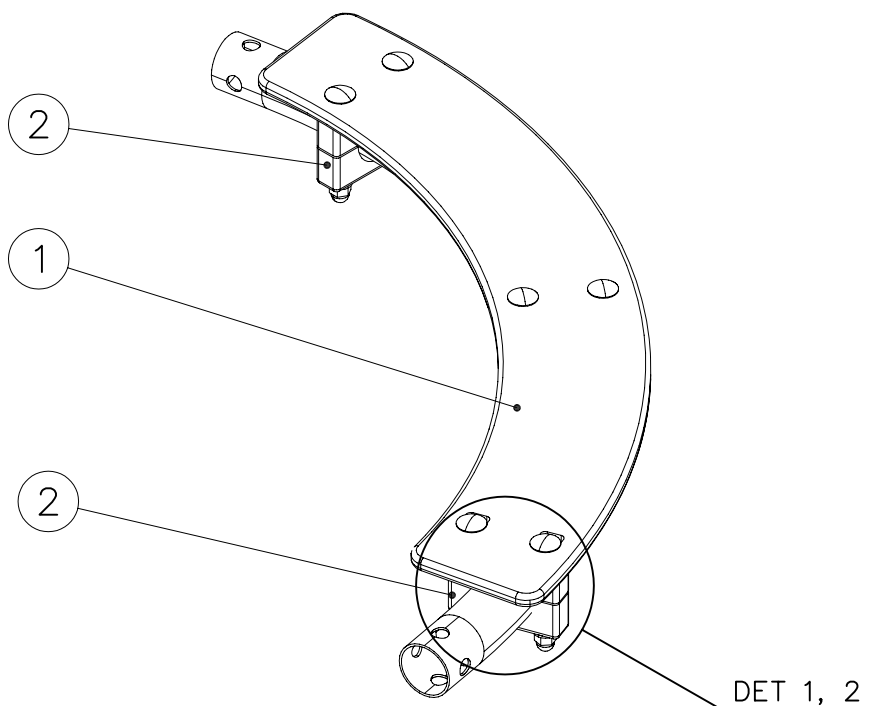
		
h < 600 Without movement and therefore without Impact Area	Totally hard surfaces.	E.g. concrete or asphalt 
h < 600 With movement e.g. rocking	Materials with very limited impact attenuating properties.	E.g. wood 
h < 1000	Materials with significant impact attenuating properties.	fine gravel 0–8 mm  grass  unsorted sand 
h < 3000	Loose fill material	E.g. sand/gravel 0,25...8 mm D60/D10<3,0 Woodchips 5...30 mm bark 20...80 mm  $\underline{S}$ 30 cm $\underline{h}$ < 2,0 m 40 cm < 3,0 m
	Syntethic granulates	$\underline{S}$ 40 mm ~> 1,2...1,3 m 50 mm ~> 1,5...1,7 m 60 mm ~> 1,8...2,0 m 70 mm ~> 2,1...2,5 m Note. For accurate values, see manufacturer's instructions. 

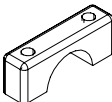
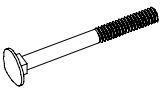
REMOVE SAFETY SURFACE/SAND/GRAVEL
TO CHECK FOUNDATION

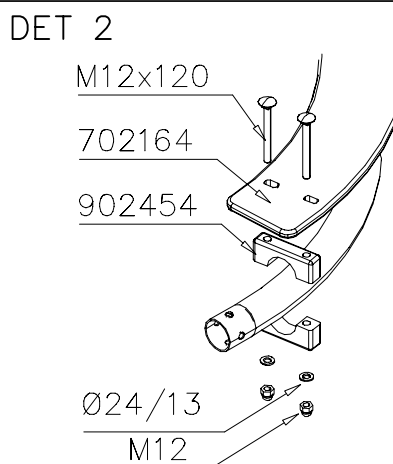
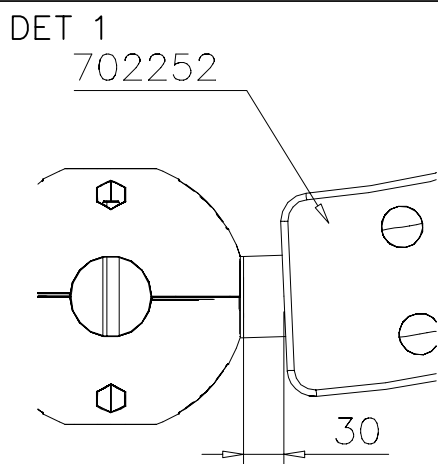


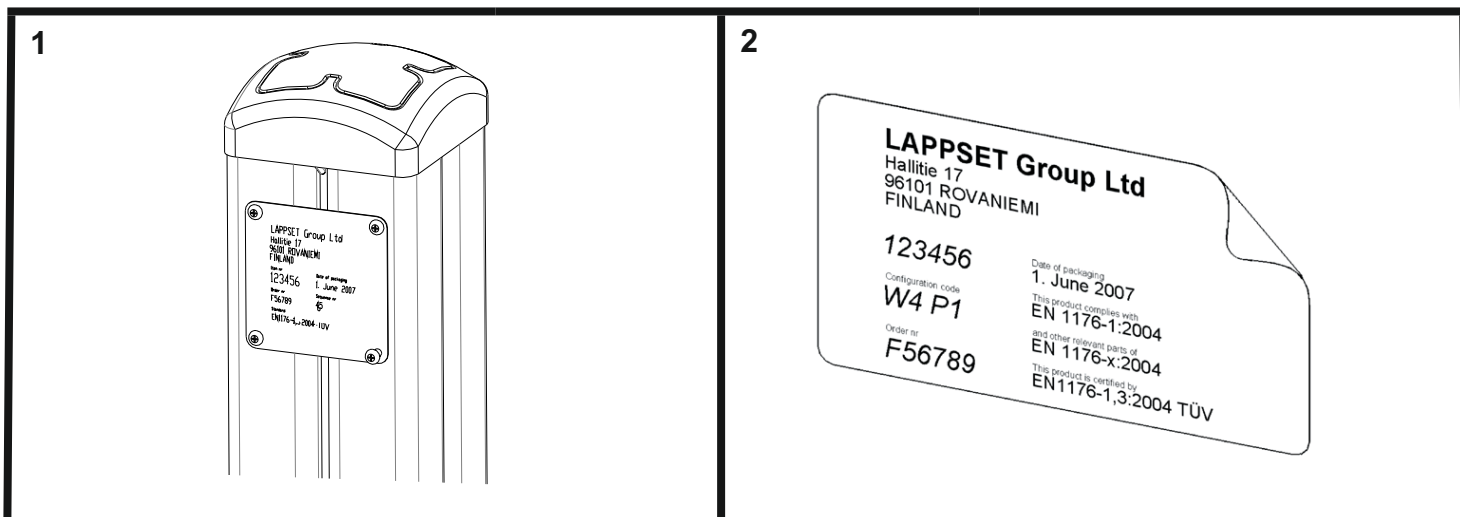
REMOVE SAFETY SURFACE/SAND/GRAVEL
TO CHECK FOUNDATION





① 702164	PCS	② 902454	PCS
	1		6
③ 909110	PCS	④ 909644	PCS
	6		6
M12x120		M12	
⑤ 980154	PCS		PCS
	6		
Ø24/13			
	PCS		PCS
	PCS		PCS
	PCS		PCS





Tuotekyltti tulee tuotteen mukana yhdellä seuraavista tavoista:

1) Metallinen tuotekyltti ja kiinnitysruuvit

- Kiinnitä tuotekyltti ruuveilla tolppaan noin 2 metrin korkeuteen kuvan 2 mukaisesti.

2) Tuotekylttitarra

- Puhdista maalattu metalli- tai vaneripinta pölystä ja kosteudesta. Liimaa tarra kuvan 3 mukaisesti.
- Huom. Älä kiinnitä tarraa karheapintaiseen laminaattiin tai maalattuun puuhun.

Vår produktmärkning levereras på ett av följande sätt:

1) Produktskylt i metall

- Fäst skylten med de medföljande skruvarna

2) Självhäftande produktetikett

- Rengör den pulverlackerade metallytan eller laminerade ytan så att den blir fri från smut och fukt. Fäst etiketten enligt fig. 3.
- Obs! Fäst ej etiketten på detaljer med skrovlig yta eller på målat trä.

Product label is delivered by one of following ways:

1) Metal product label and screws

- Fasten the label with screws.

2) Label sticker

- Clean the painted metal or plywood surface from dirt and moisture. Fasten the sticker as shown in the figure 3.
- Note. Do not attach the sticker to rough surfaced laminate or painted wood.

La plaque d'informations produit est livrée sous l'une de ces 3 formes :

1) Plaque métallique et vis

- Fixez la plaque à l'aide des vis.

2) Etiquette autocollante

- Avant de coller l'étiquette, nettoyez le composant métallique peint ou la plaque de contreplaqué, de toute saleté. La surface doit être sèche (voir image 3).
- Attention, ne pas coller l'étiquette sur une surface lamellé-collée irrégulière ou sur du bois peint.

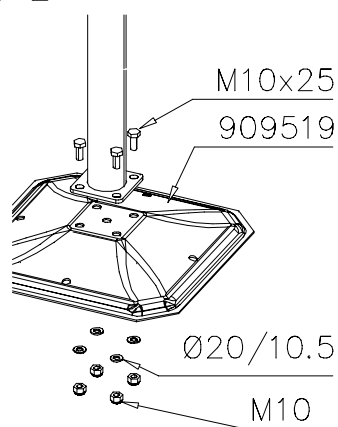
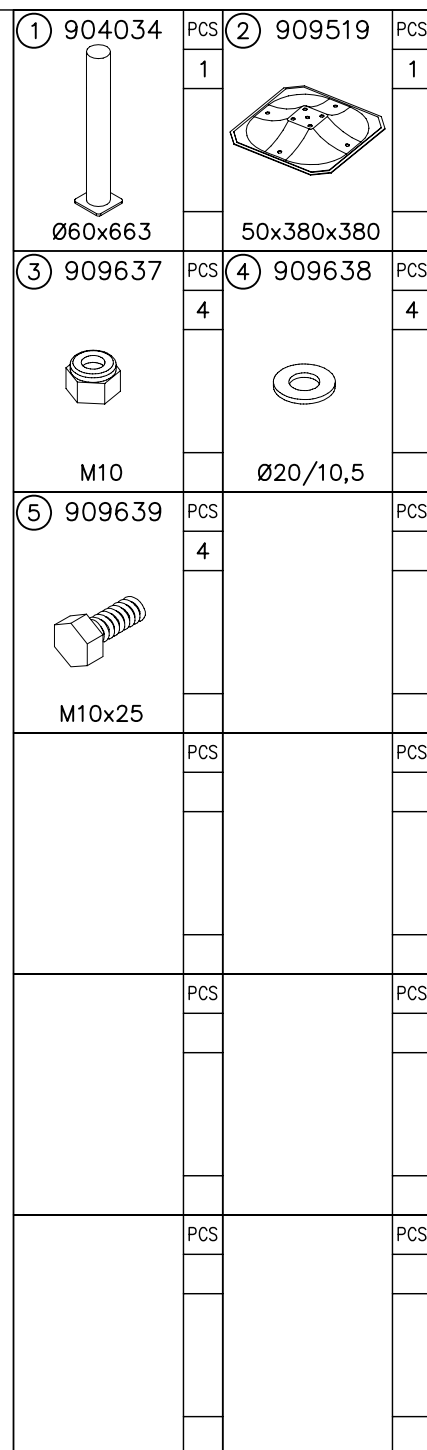
Die Auslieferung des Produktaufklebers erfolgt auf eine dieser Arten:

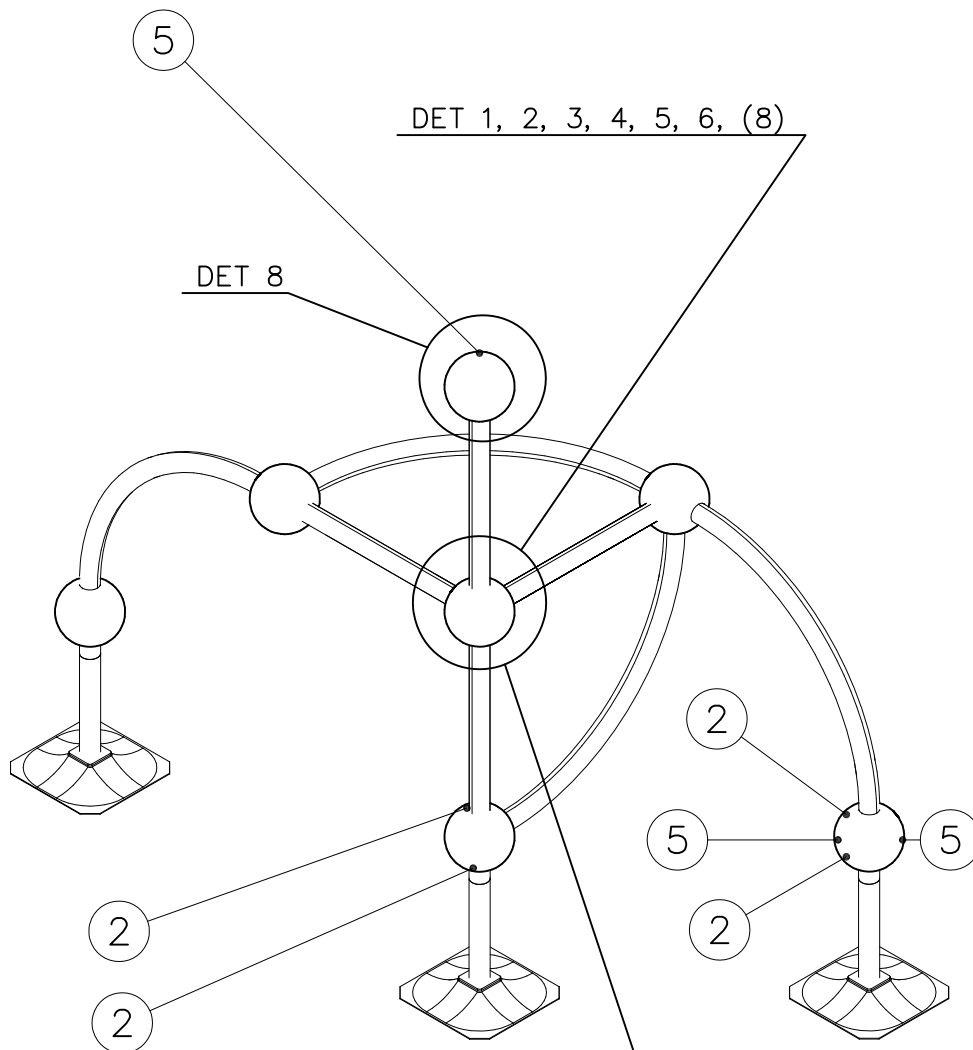
1) Produkt-Schild aus Metall incl. Schrauben

- Die Befestigung des Schildes erfolgt mittels der Schrauben.

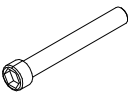
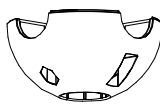
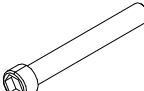
2) Aufkleber

- Entfernen Sie zunächst Schmutz und Feuchtigkeit vom lackierten Metall bzw. von der Holzoberfläche und bringen Sie den Aufkleber wie im Bild oben rechts beschrieben auf den gesäuberten Untergrund auf.
- Beachten Sie: Bringen Sie den Aufkleber nicht auf raues laminiertes oder lackiertes Holz an.

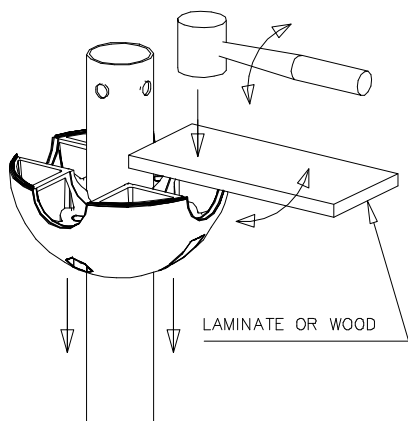




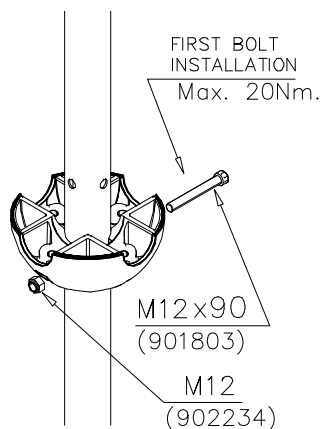
DO NOT TIGHTEN THE
JOINTS UNTIL THE
STRUCTURE IS COMPLETE.

① 901803	PCS	② 901994	PCS
	2		2
M12x90		Ø190	
③ 902096	PCS	④ 902234	PCS
	4		6
M12x120		M12	
	PCS		PCS
	PCS		PCS
	PCS		PCS
	PCS		PCS
	PCS		PCS

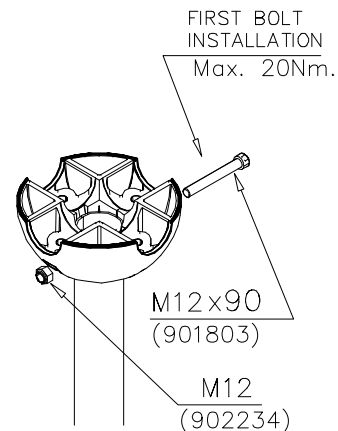
DET 1



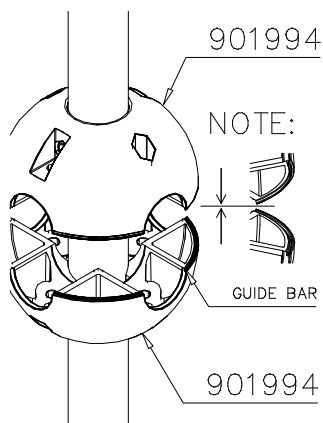
DET 2



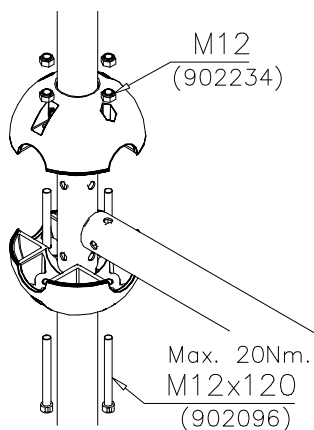
DET 3



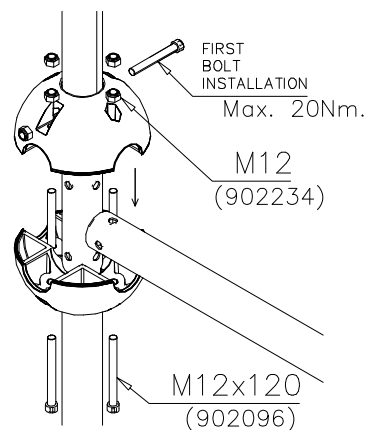
DET 4



DET 5

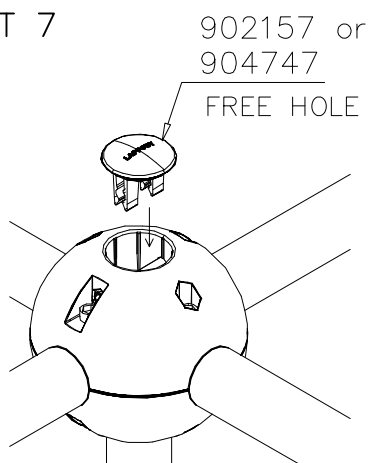


DET 6



REMEMBER
FINAL
TIGHTENING

DET 7



DET 8

