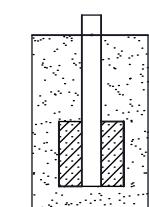
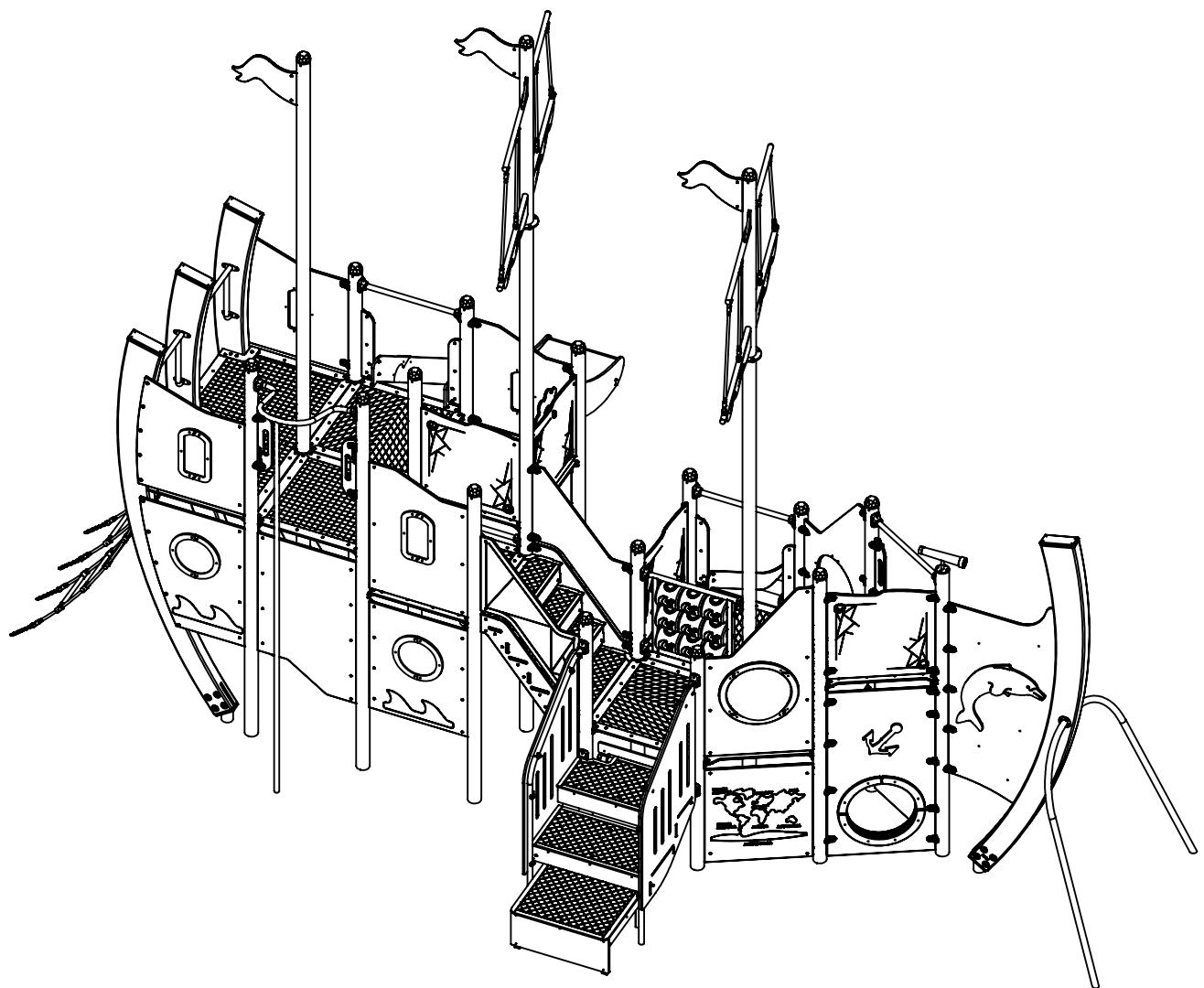


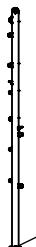
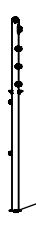
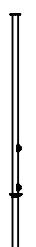


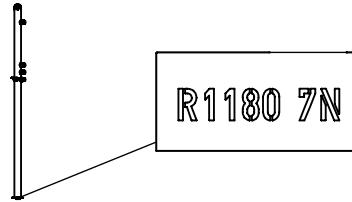
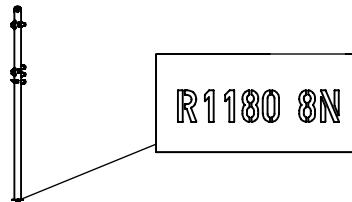
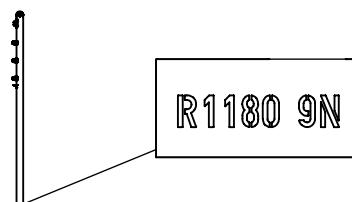
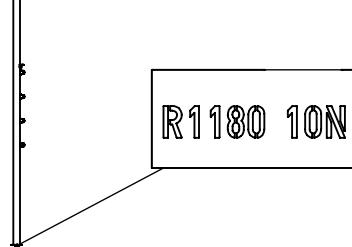
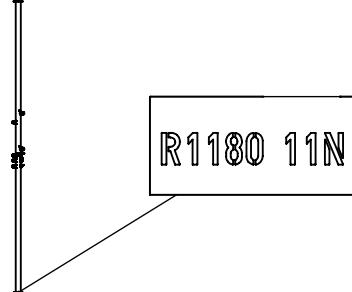
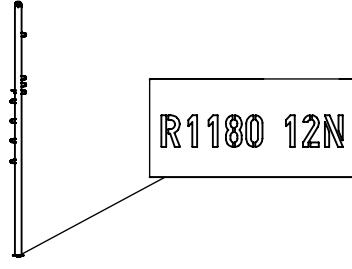
Leikin ja liikunnan edelläkävijä.

## 1180 Esteetön leikkilaiva asennusohje



1180N

NR	ELEMENT	1180N
E1		1
E2		1
E3		1
E4		1
E5		1
E6		1

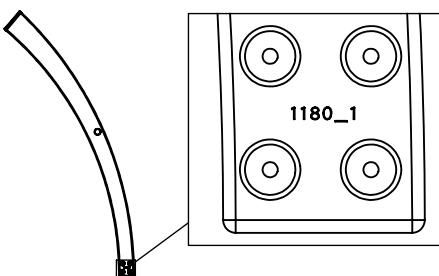
NR	ELEMENT	1180N
E7		1
E8		1
E9		1
E10		1
E11		1
E12		1

NR	ELEMENT	1180N
E13		1
E14		1
E15		1
E16		1
E17		1
E18		1

# NR ELEMENT

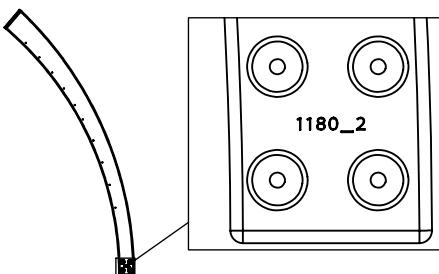
1180N

E19



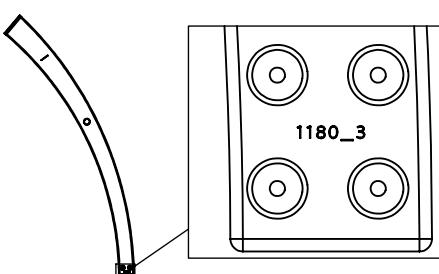
1

E20



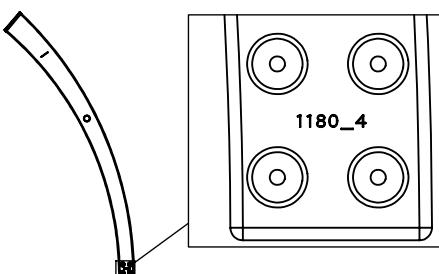
1

E21



1

E22



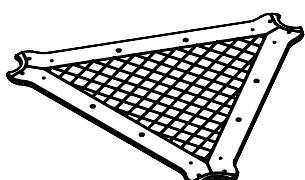
1

E23

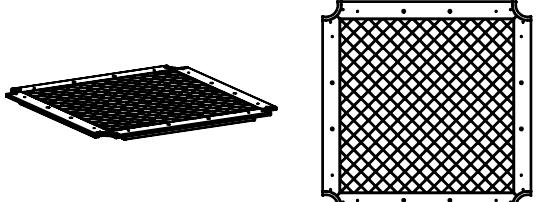
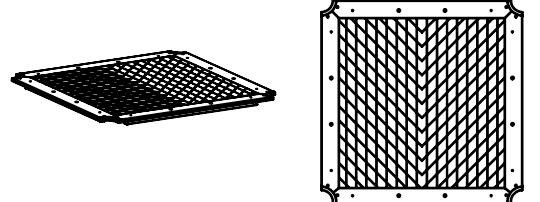
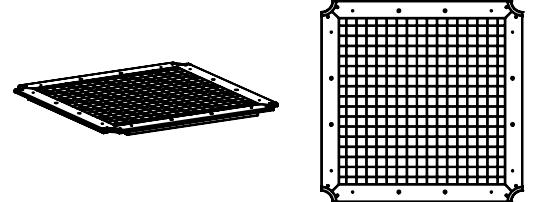
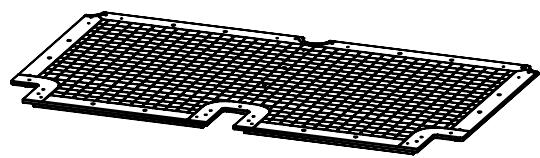
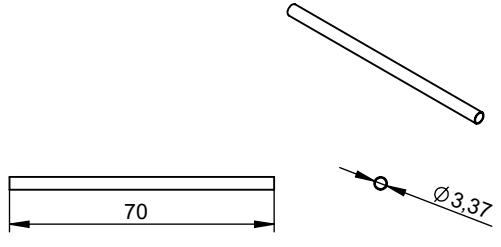


4

E24

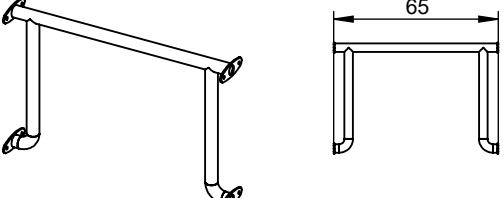


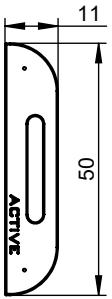
1

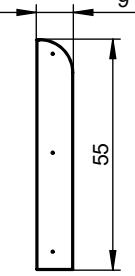
NR	ELEMENT	1180N
E25	 83 x 83	2
E26	 81 x 80	3
E27	 80 x 80	1
E28	 160 x 69	1
E29	 160 x 90	1
E30		4

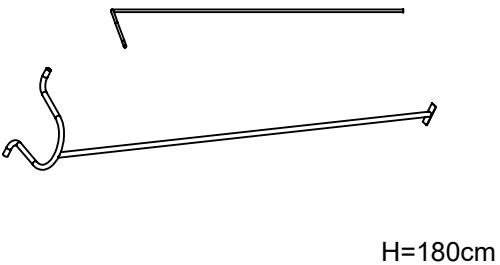
1180N

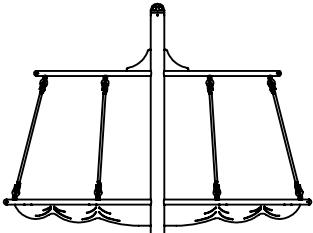
**NR ELEMENT**

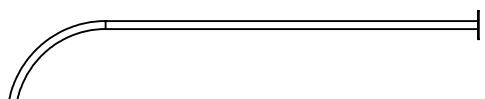
E31		2
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E32		4
-----	---	---

E33		4
-----	--	---

E34	 <p>H=180cm</p>	1
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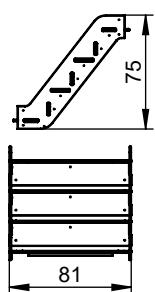
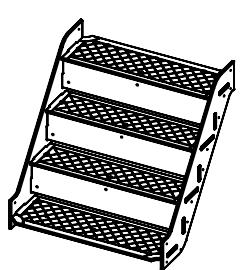
E35		2
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E36		2
-----	---	---

# NR ELEMENT

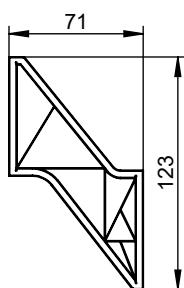
1180N

E37



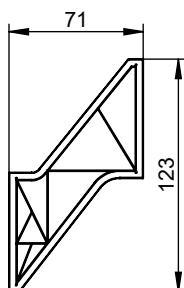
1

E38



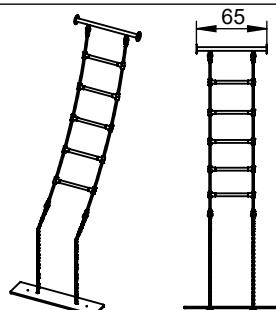
1

E39



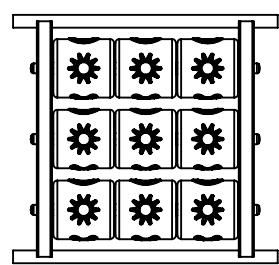
1

E40



2

E41



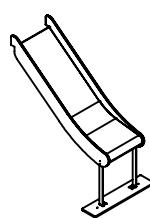
1

E42

1180N

**NR ELEMENT**

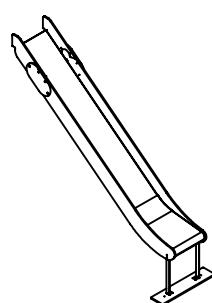
**E43**



H=90cm

**1**

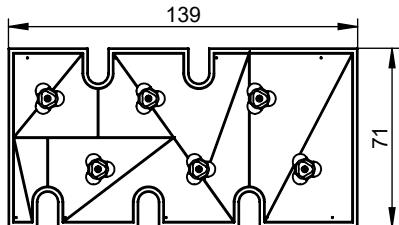
**E44**



H=180cm

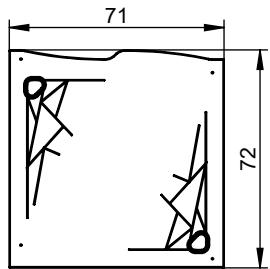
**1**

**E45**



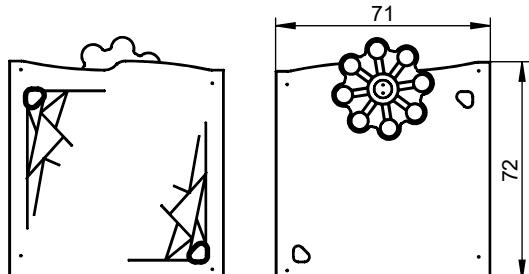
**1**

**E46**



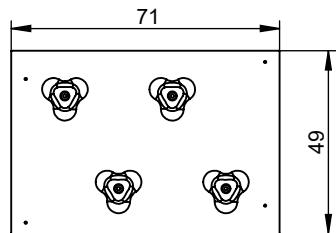
**3**

**E47**



**1**

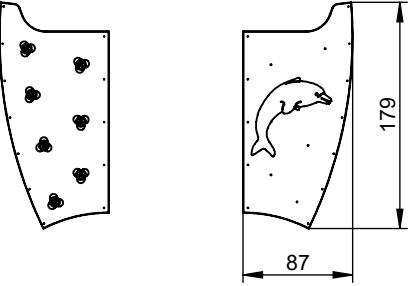
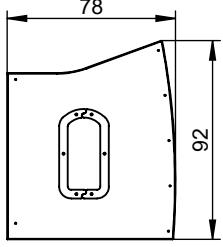
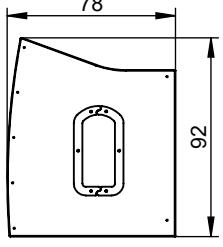
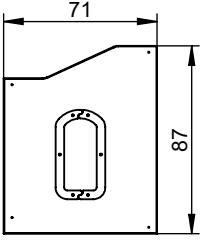
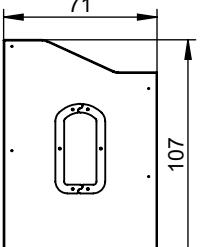
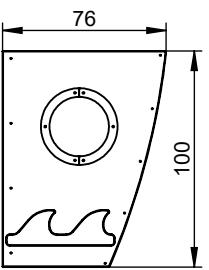
**E48**



**1**

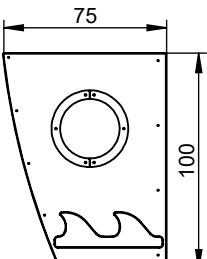
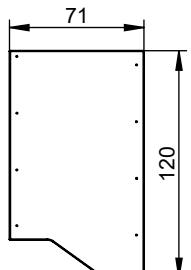
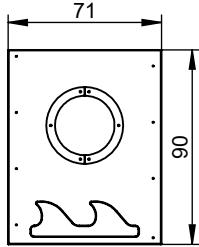
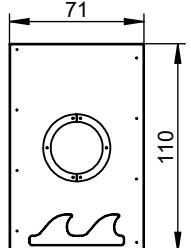
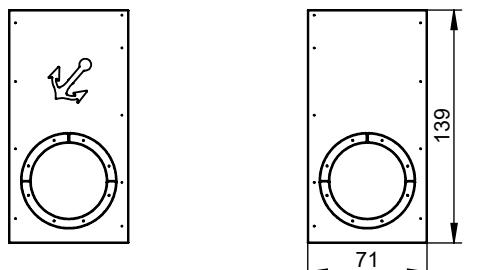
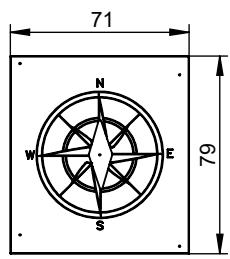
1180N

**NR ELEMENT**

E49		1
E50		1
E51		1
E52		1
E53		1
E54		1

1180N

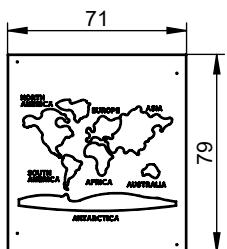
**NR ELEMENT**

E55		1
E56		1
E57		1
E58		1
E59		1
E60		1

1180N

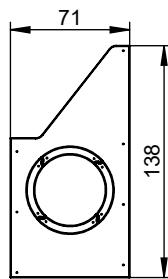
## NR ELEMENT

E61



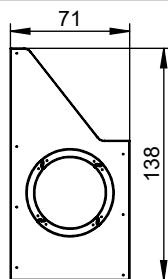
1

E62



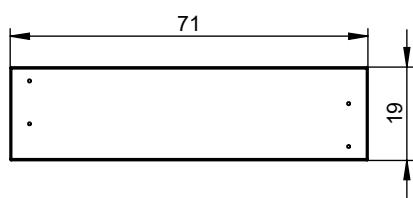
1

E63



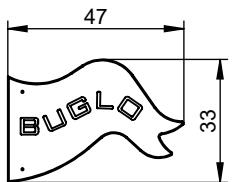
1

E64



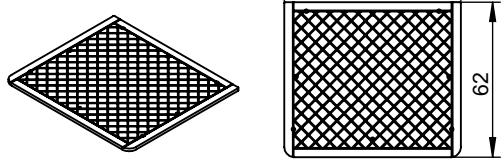
1

E65



3

E66

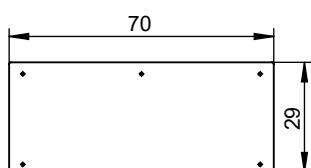


1

1180N

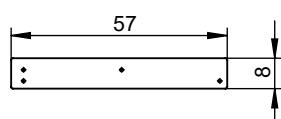
**NR ELEMENT**

**E67**



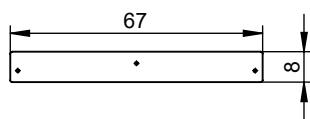
**1**

**E68**



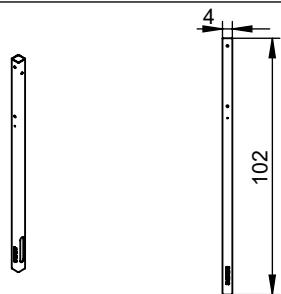
**2**

**E69**



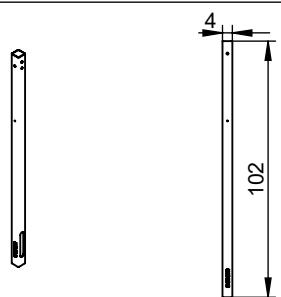
**1**

**E70**



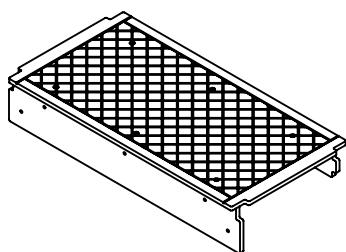
**2**

**E71**



**2**

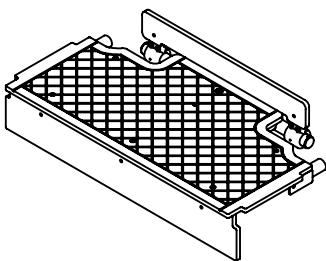
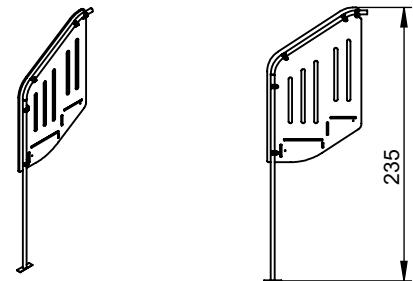
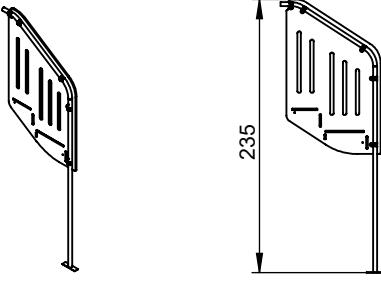
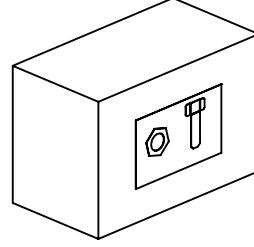
**E72**



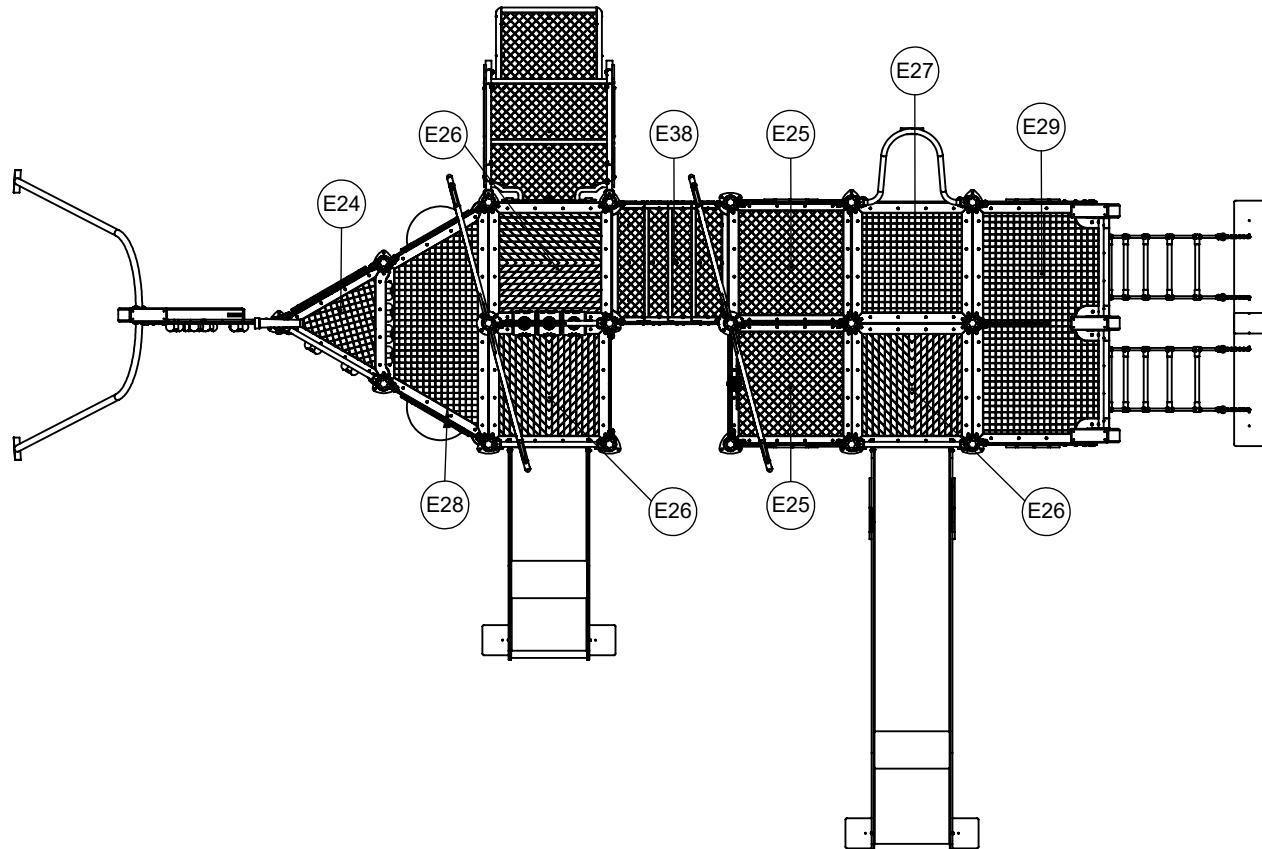
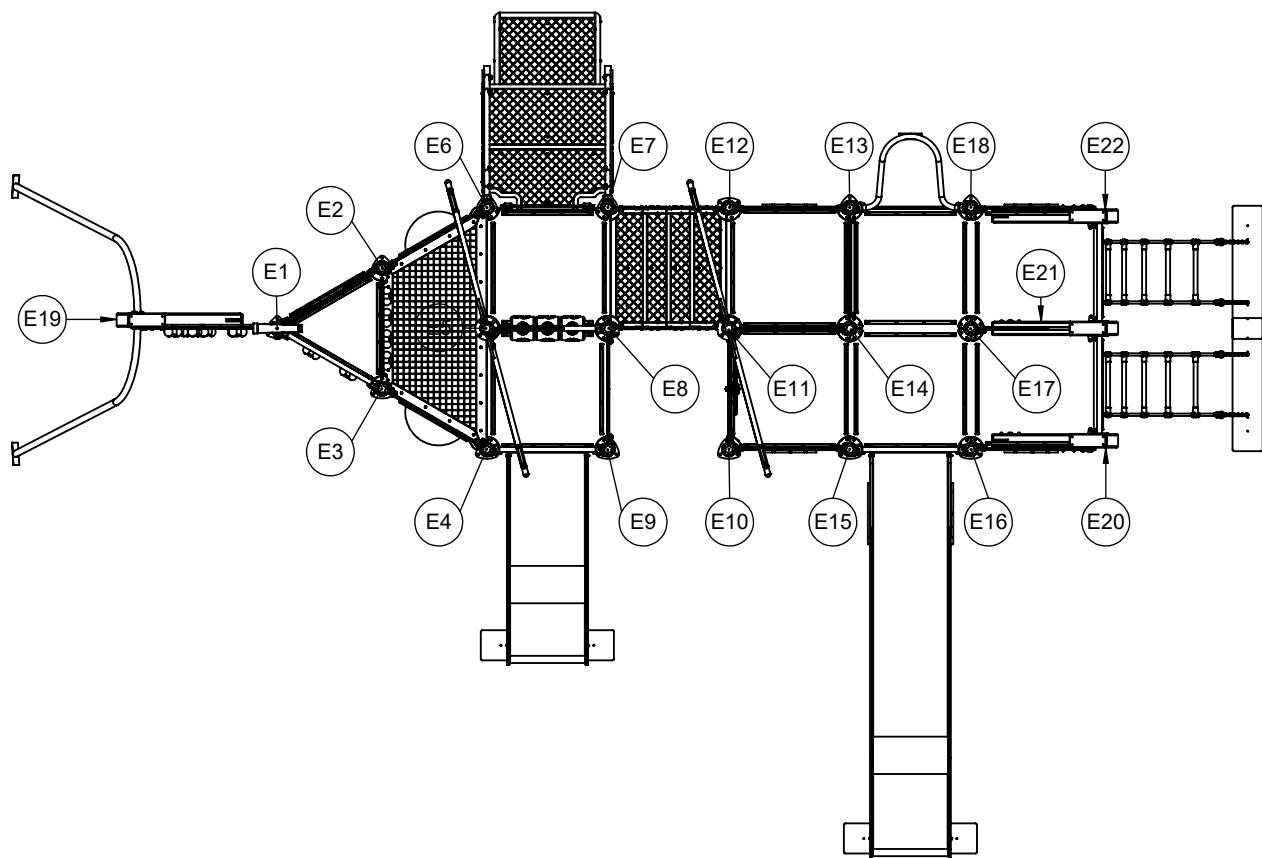
**1**

**NR ELEMENT**

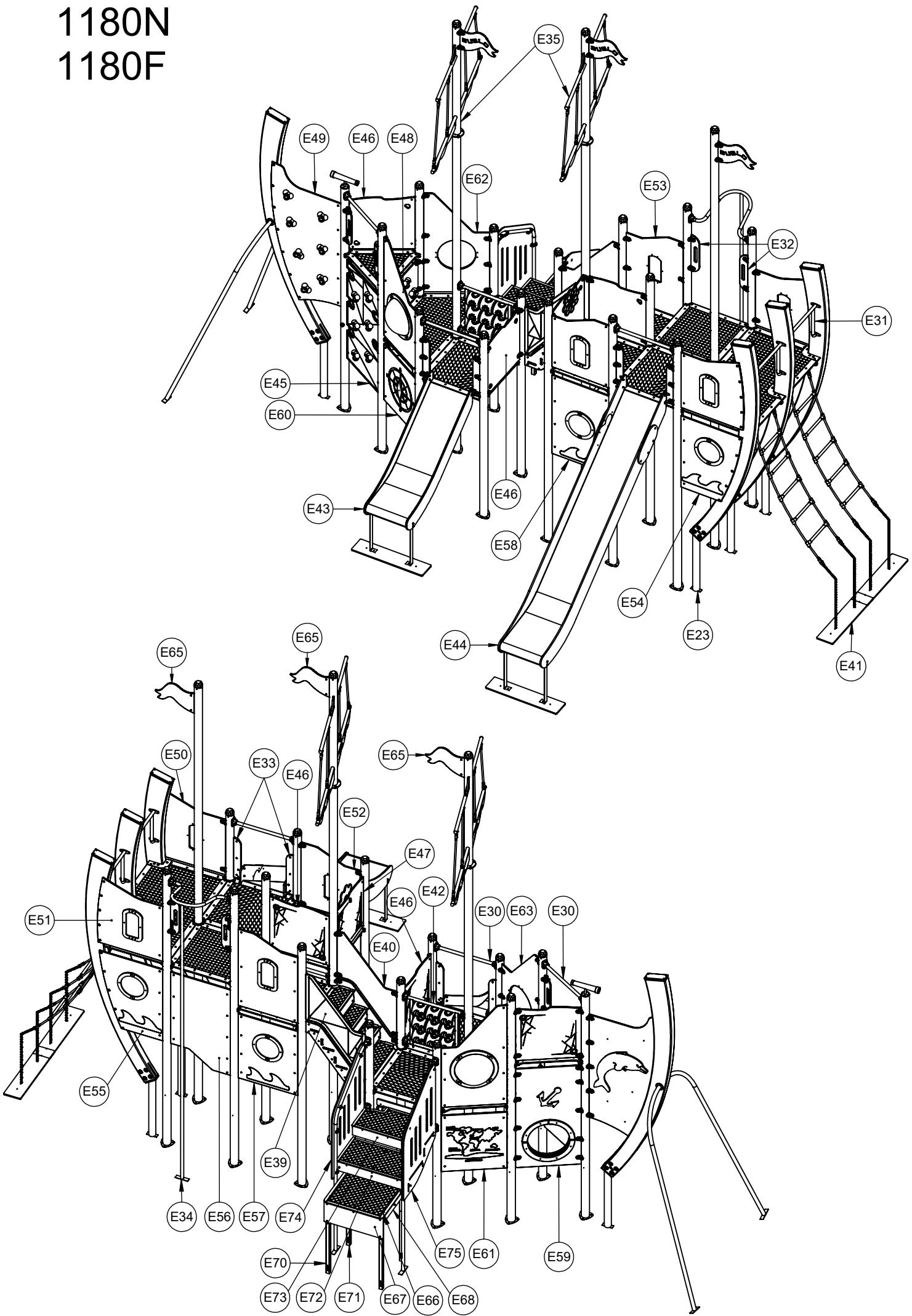
1180N

E73		1
E74		1
E75		1
E76		1

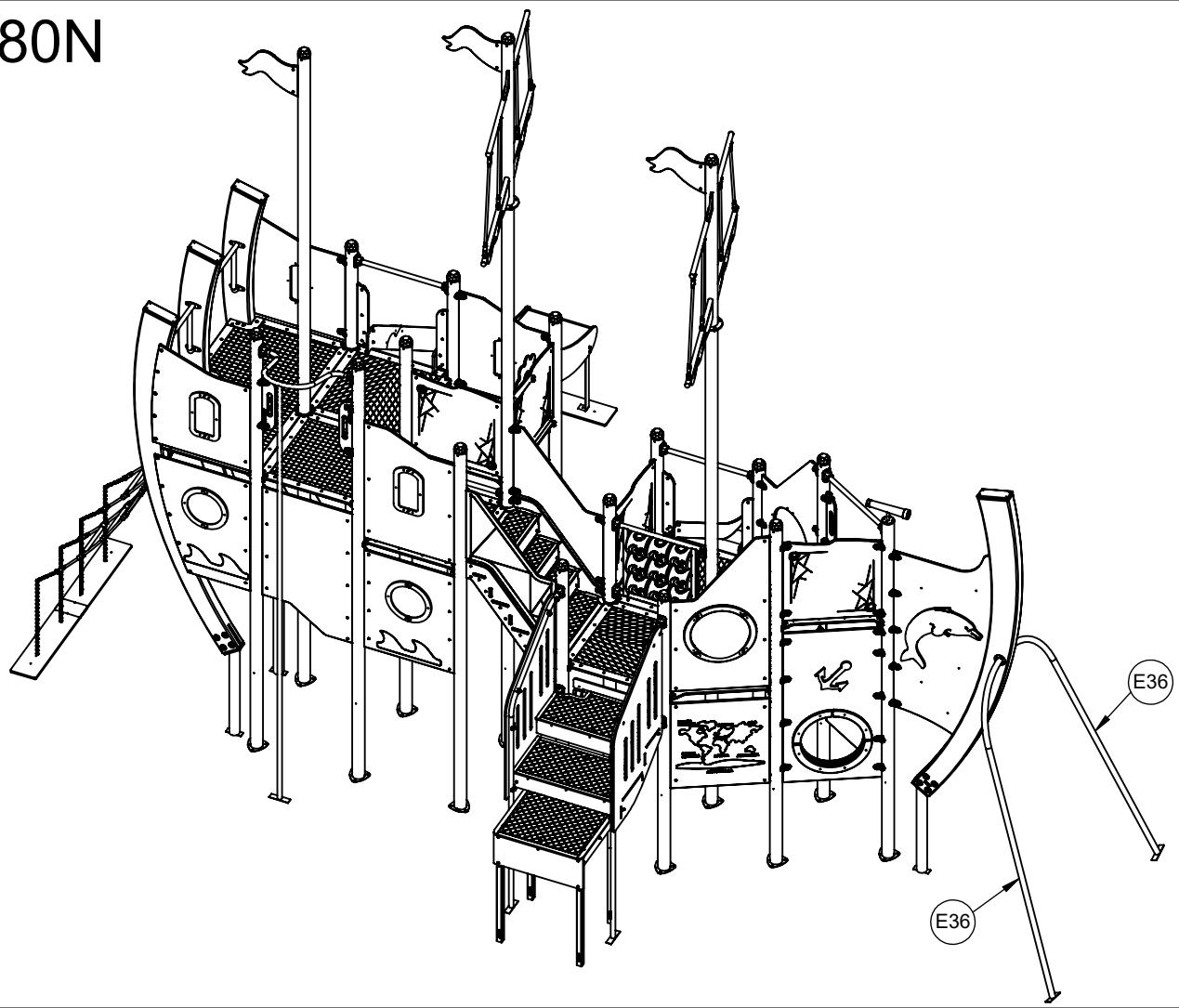
1180N  
1180F



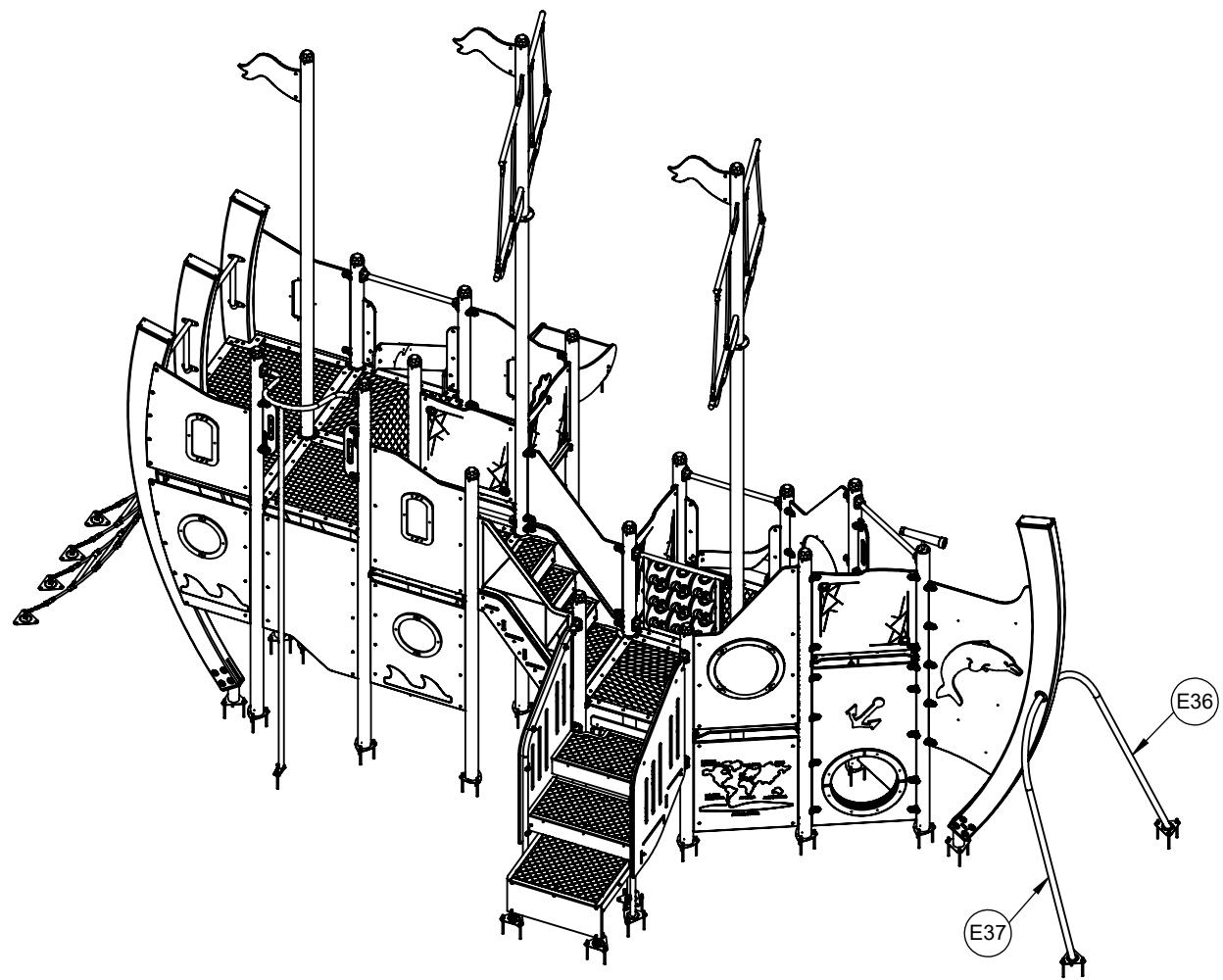
1180N  
1180F



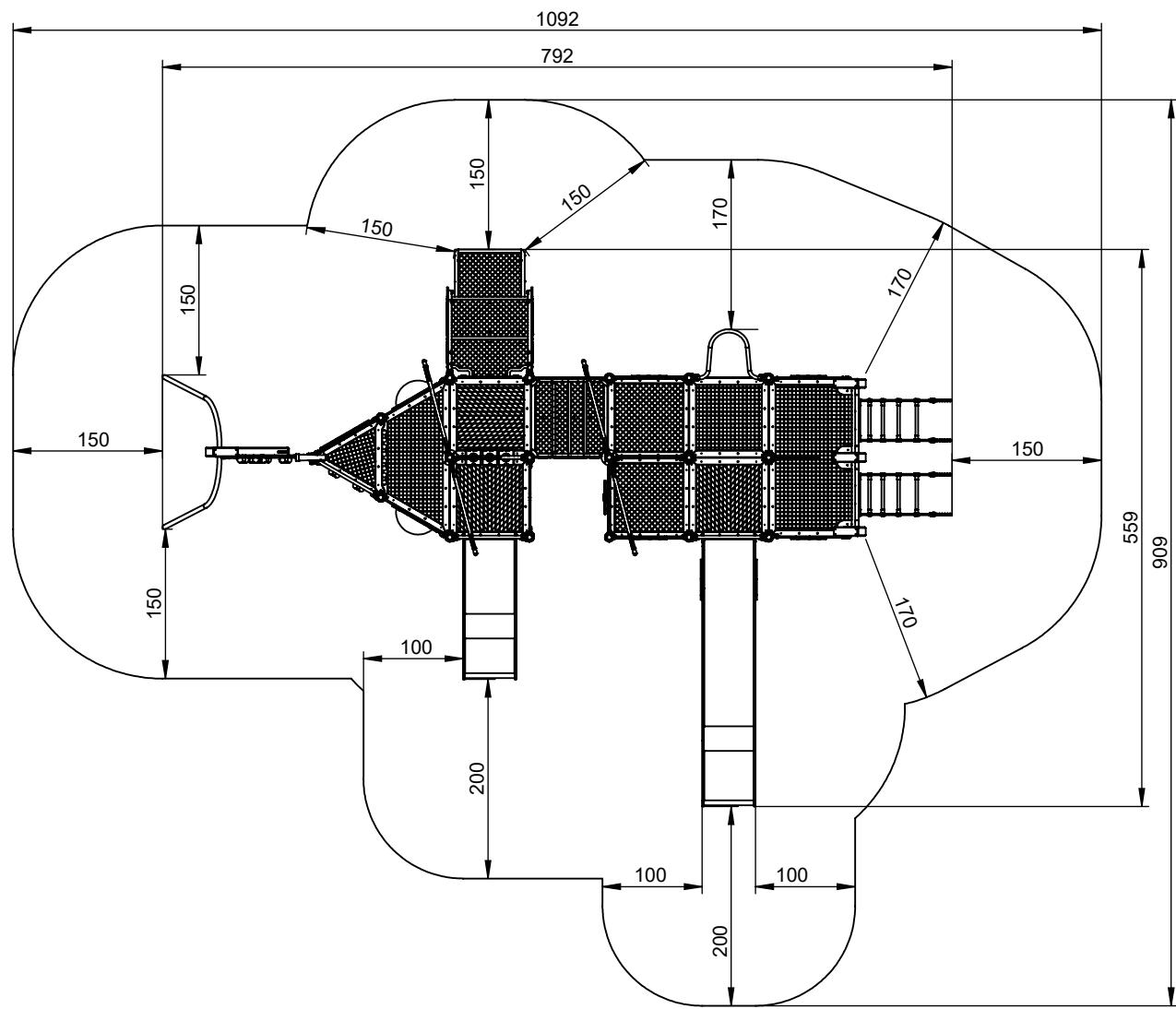
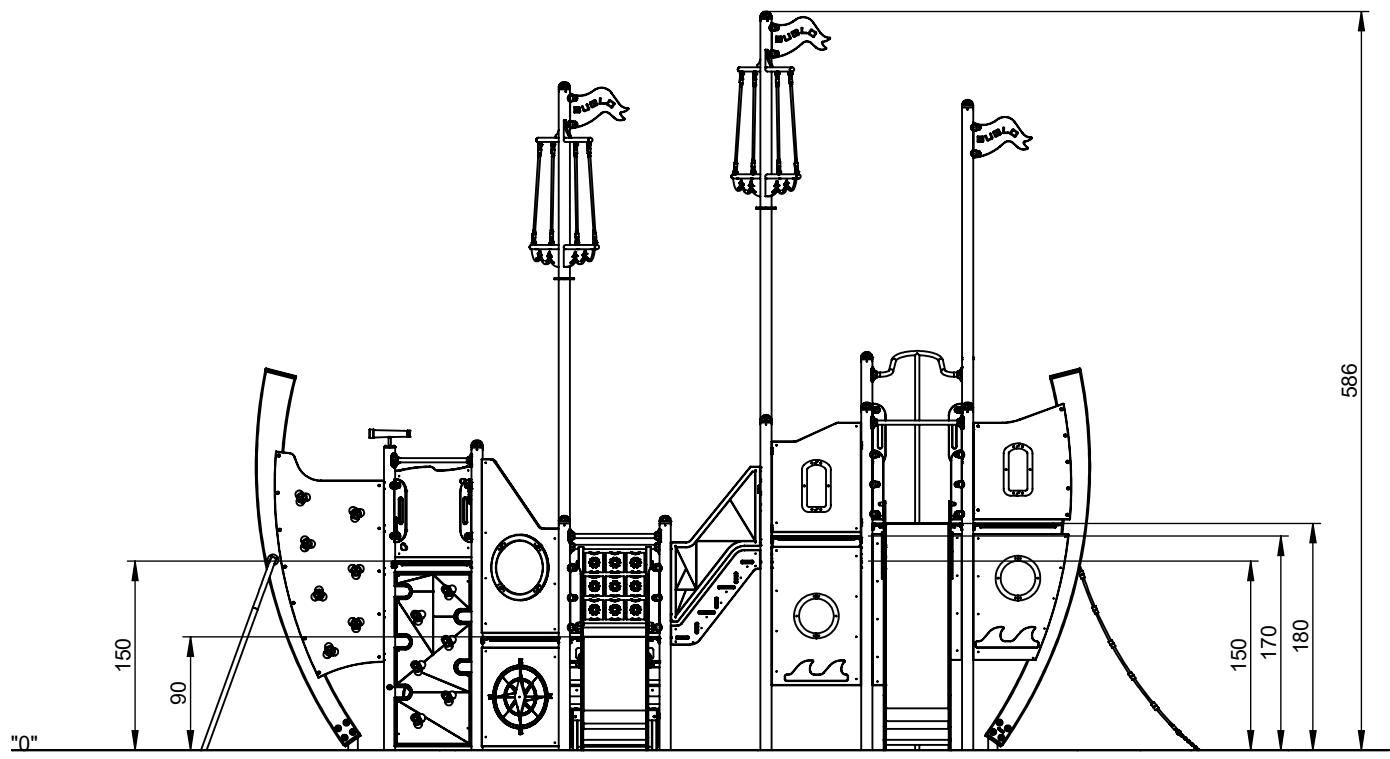
1180N



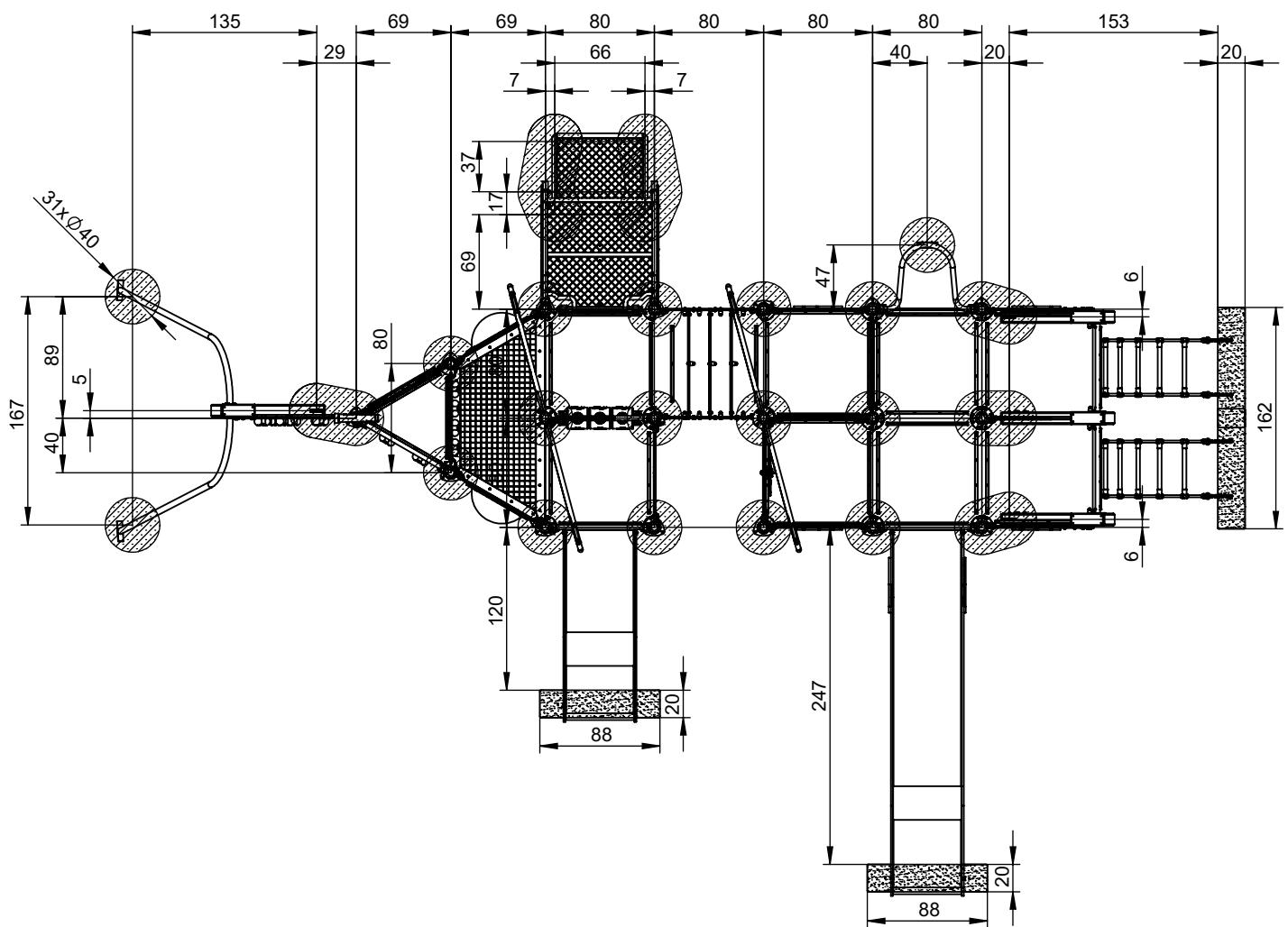
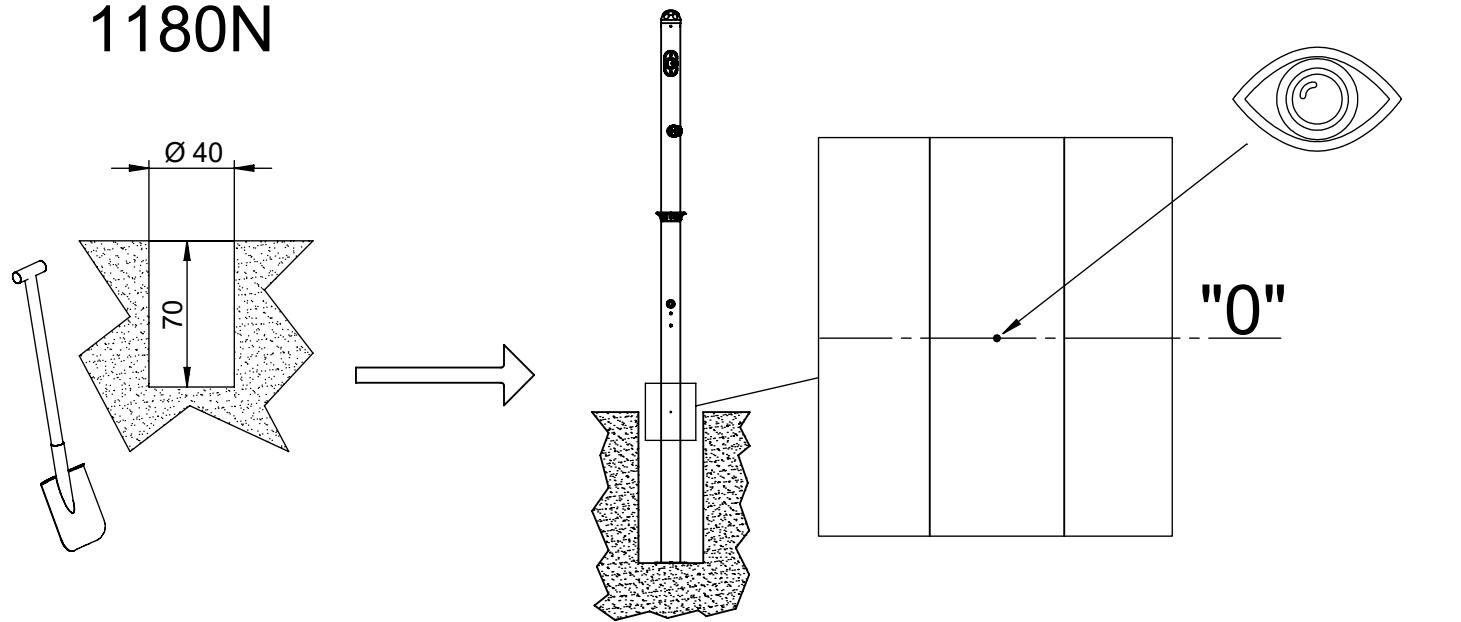
1180F



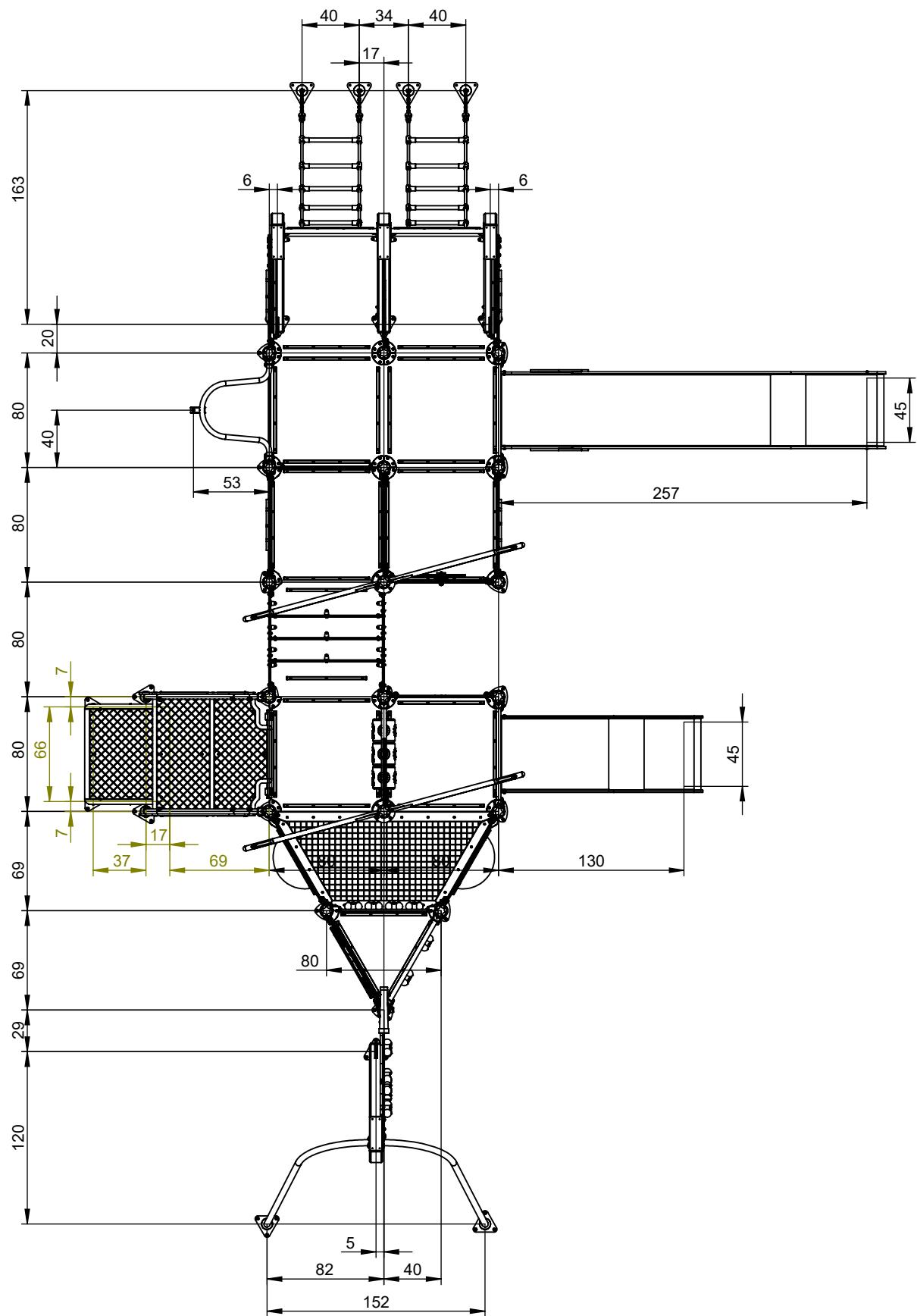
1180N  
1180F



**1180N**



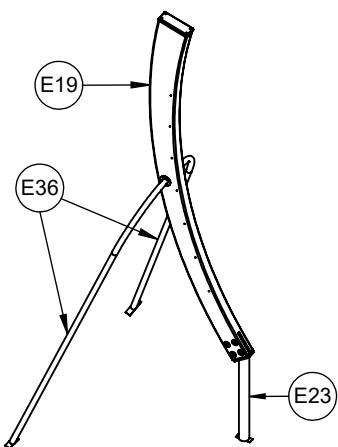
**1180F**



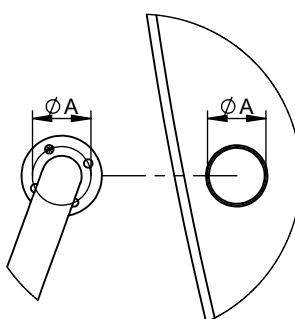
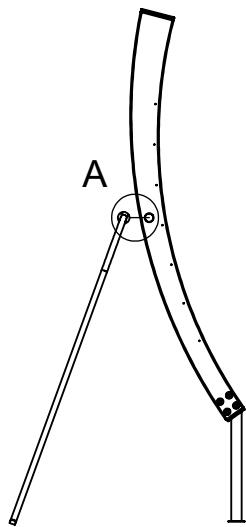
1

1180N

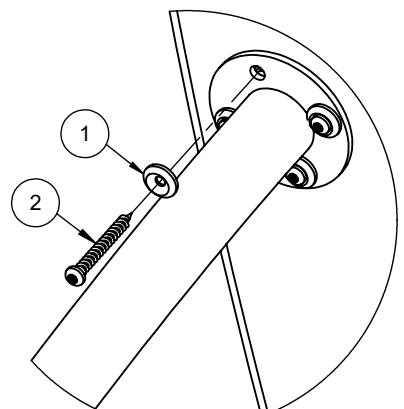
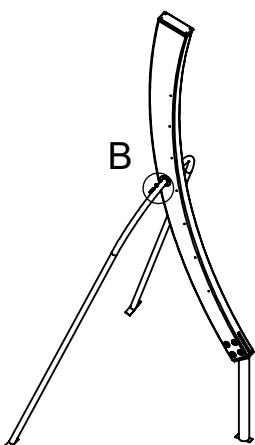
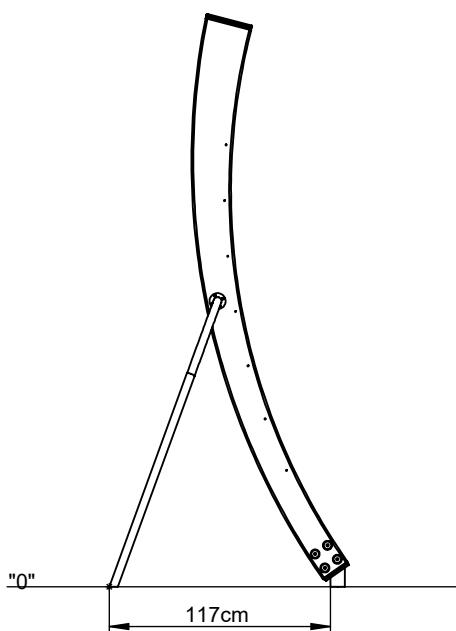
INST\_80\_118



A (1 : 8)



Nr	$\Sigma$	Element	DIN	ELEMENT
1	15	(O)	-	S6x60
2	15		-	W6x60



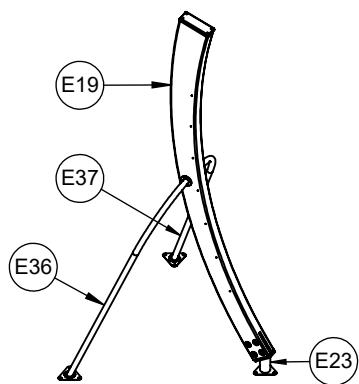
B (1 : 4)

1

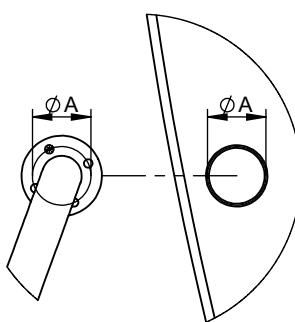
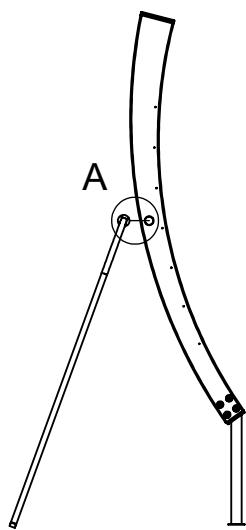
1180F



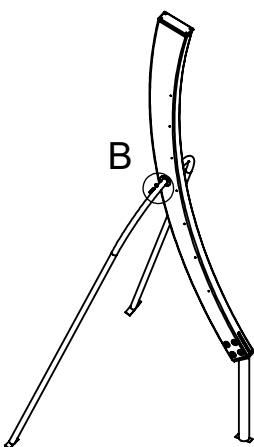
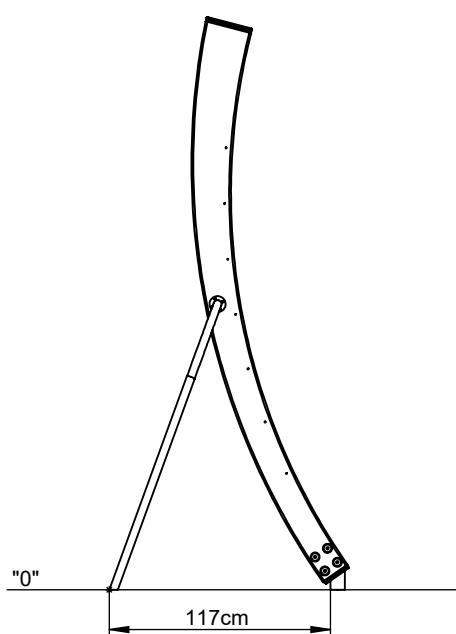
INST\_80\_118



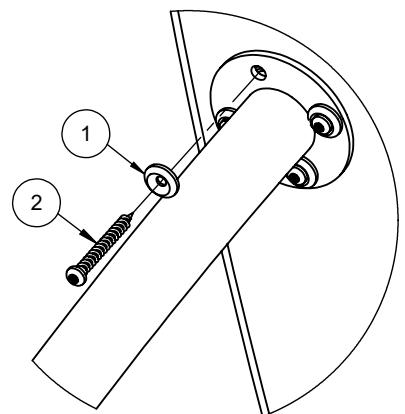
A (1 : 8)



Nr	$\Sigma$	Element	DIN	ELEMENT
1	15	(O)	-	S6x60
2	15		-	W6x60

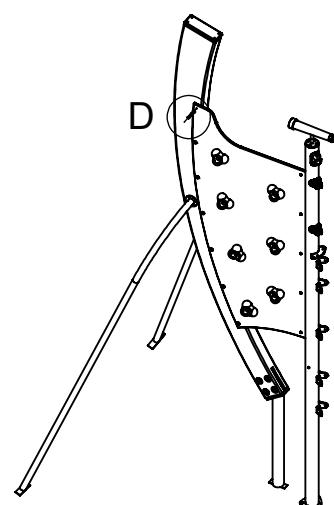
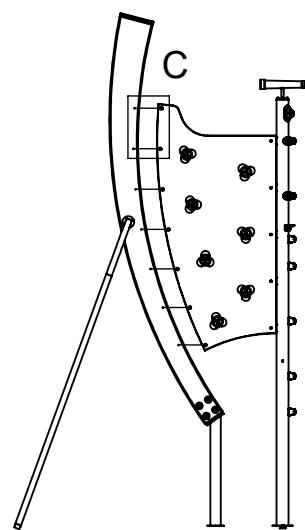
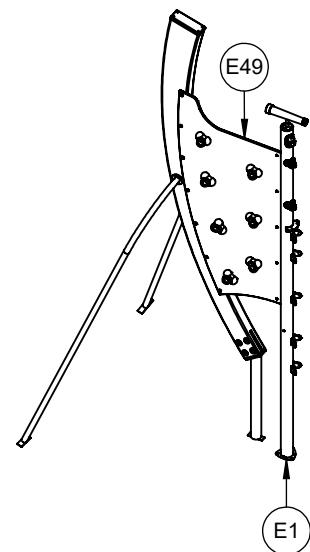


B (1 : 4)



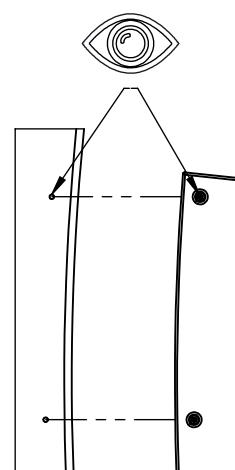
2

1180N  
1180F



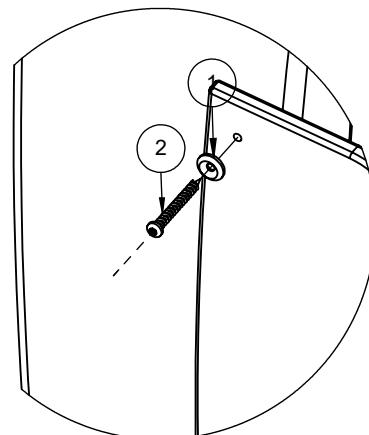
INST\_11\_68A HPL13

C (1 : 10)



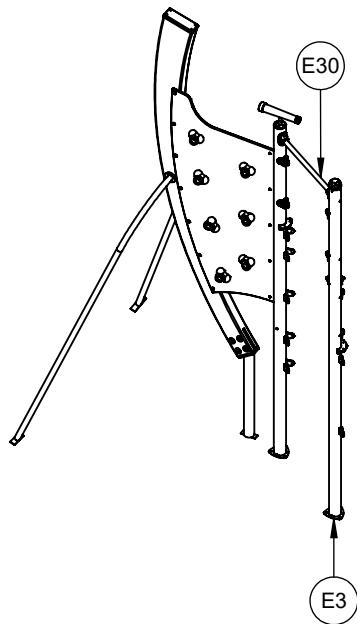
Nr	$\Sigma$	Element	DIN	ELEMENT
1	7		-	S6x60
2	7		-	W6x60

D (1 : 5)

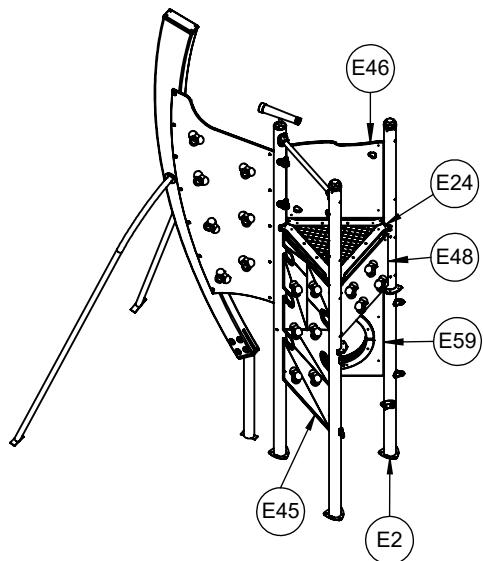




3

1180N  
1180F

4

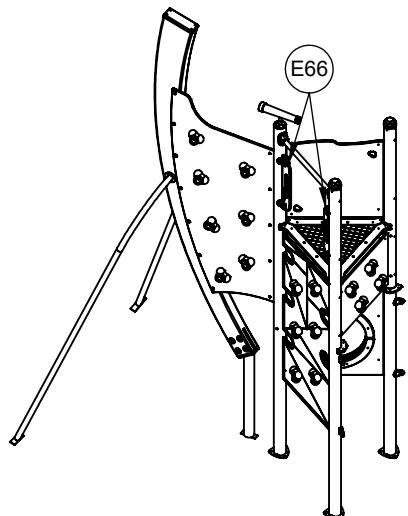
1180N  
1180FINST\_11\_38  
INST\_11\_43  
INST\_11\_68A

5

1180N  
1180F



INST\_11\_68B

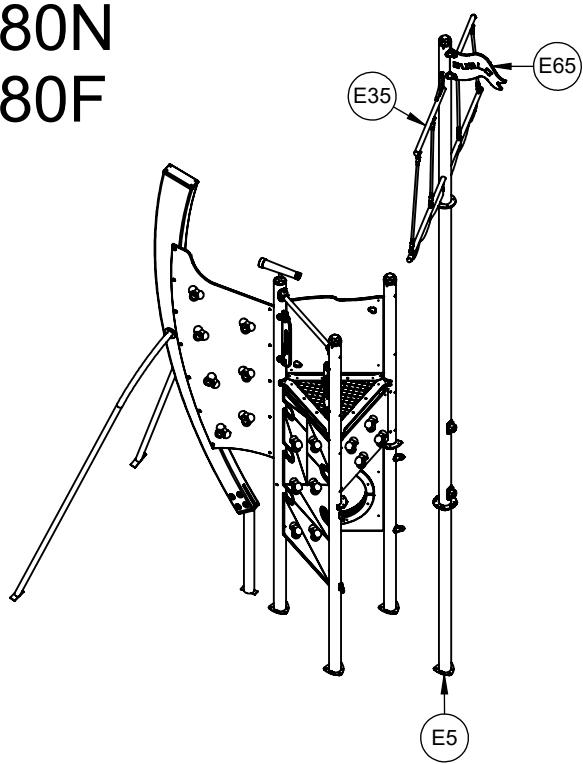


6

1180N  
1180F

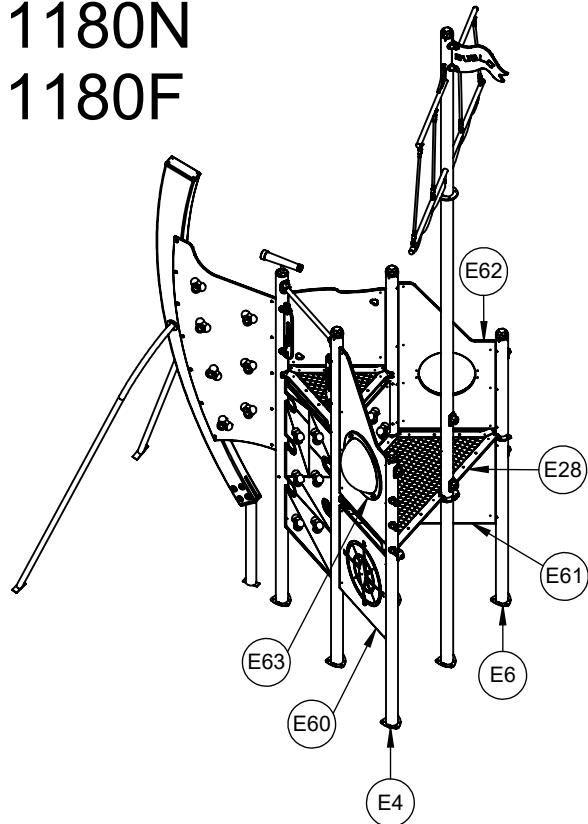


INST\_11\_68D  
INST\_11\_99



7

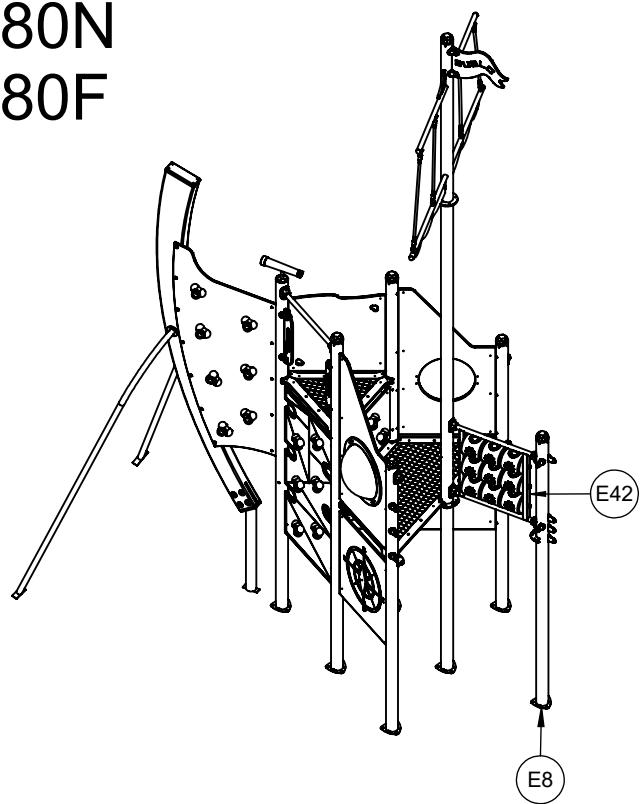
1180N  
1180F



INST\_11\_68A  
INST\_11\_98

8

1180N  
1180F



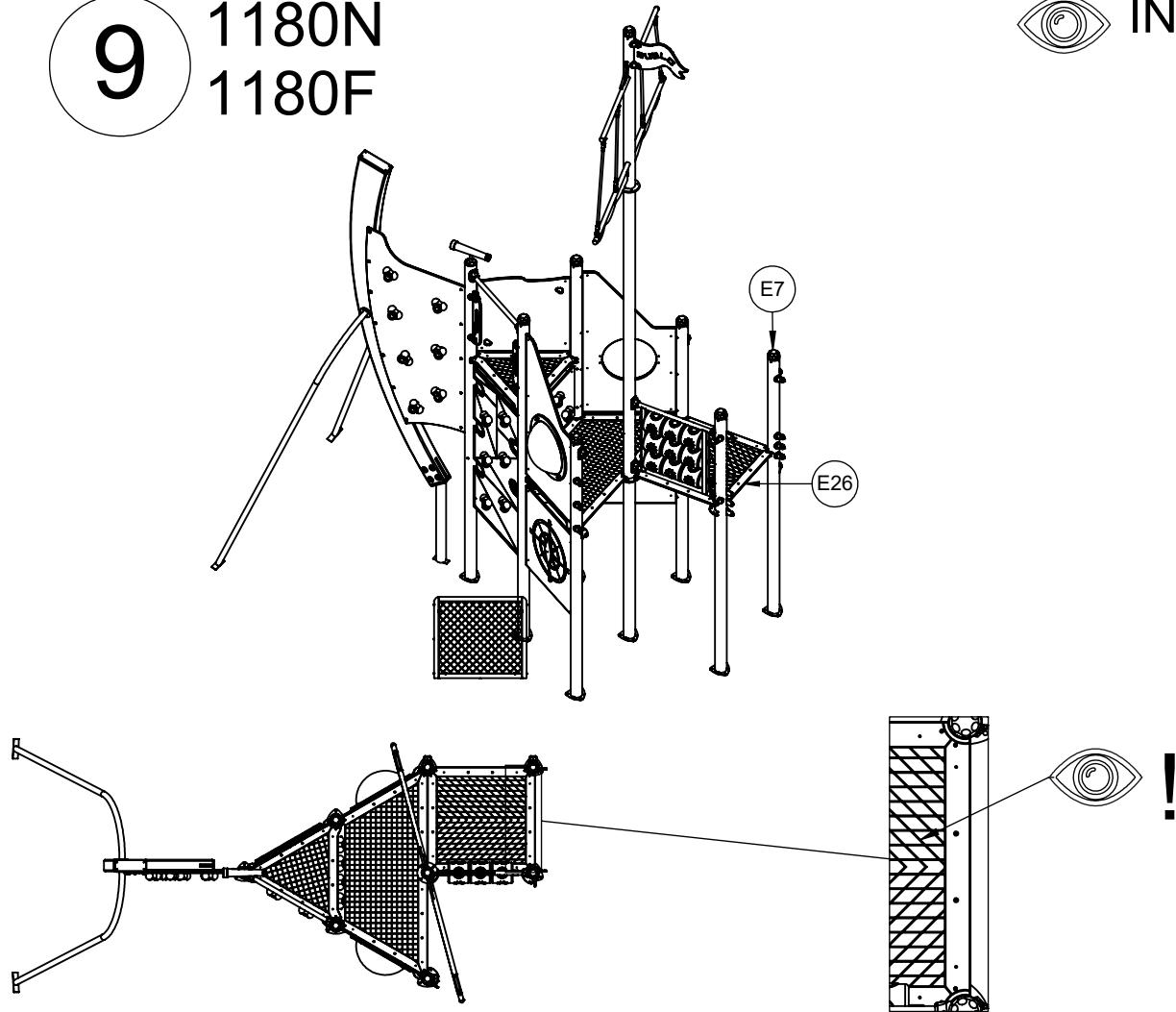
INST\_11\_18

**9**

1180N  
1180F



INST\_11\_41

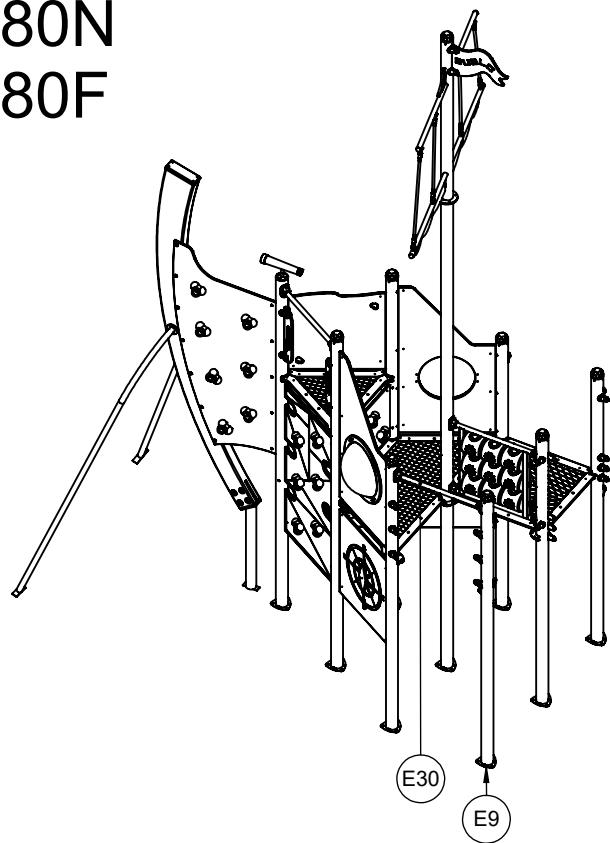


**10**

1180N  
1180F



INST\_11\_18

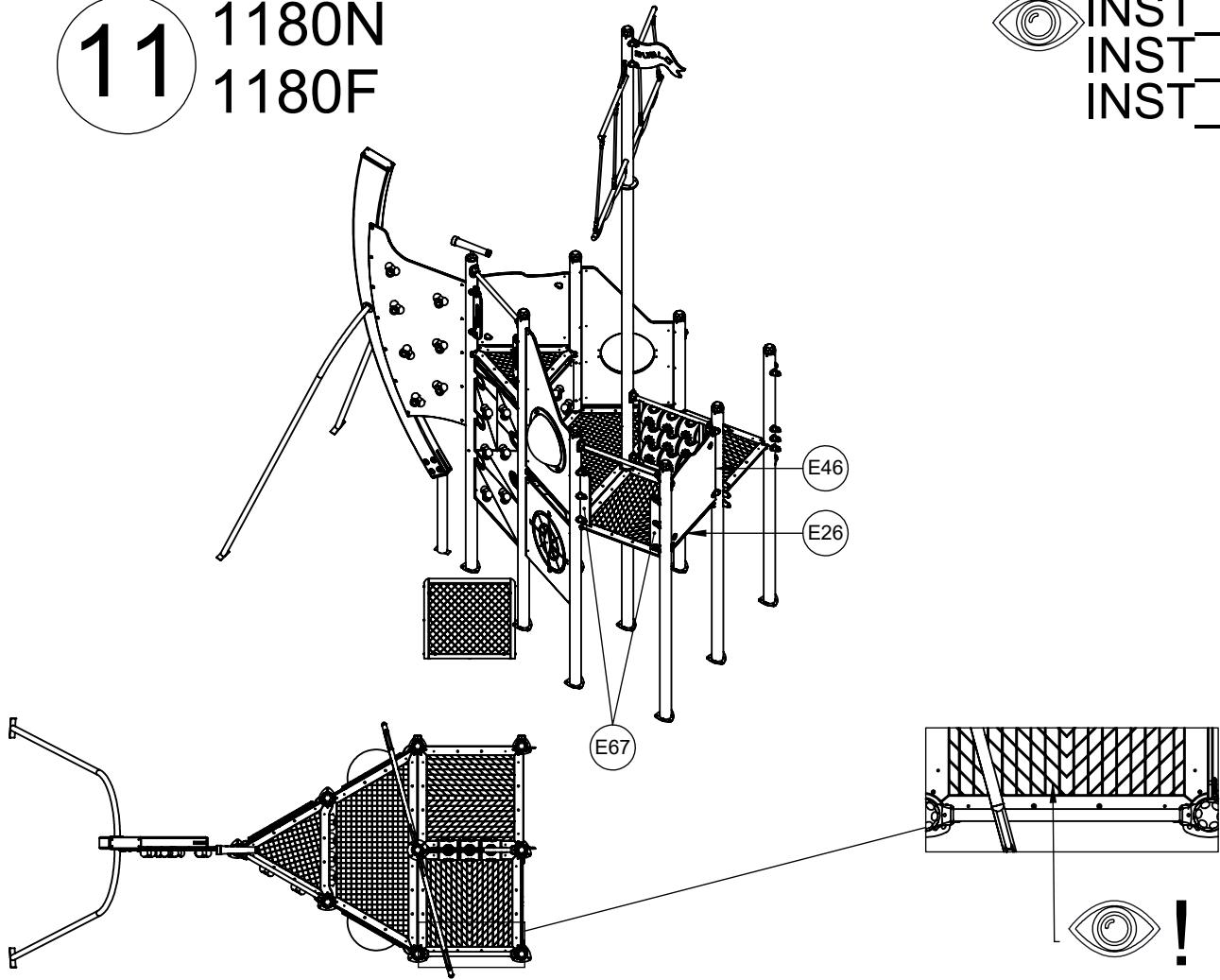


**11**

1180N  
1180F



INST\_11\_41  
INST\_11\_68A  
INST\_11\_68C

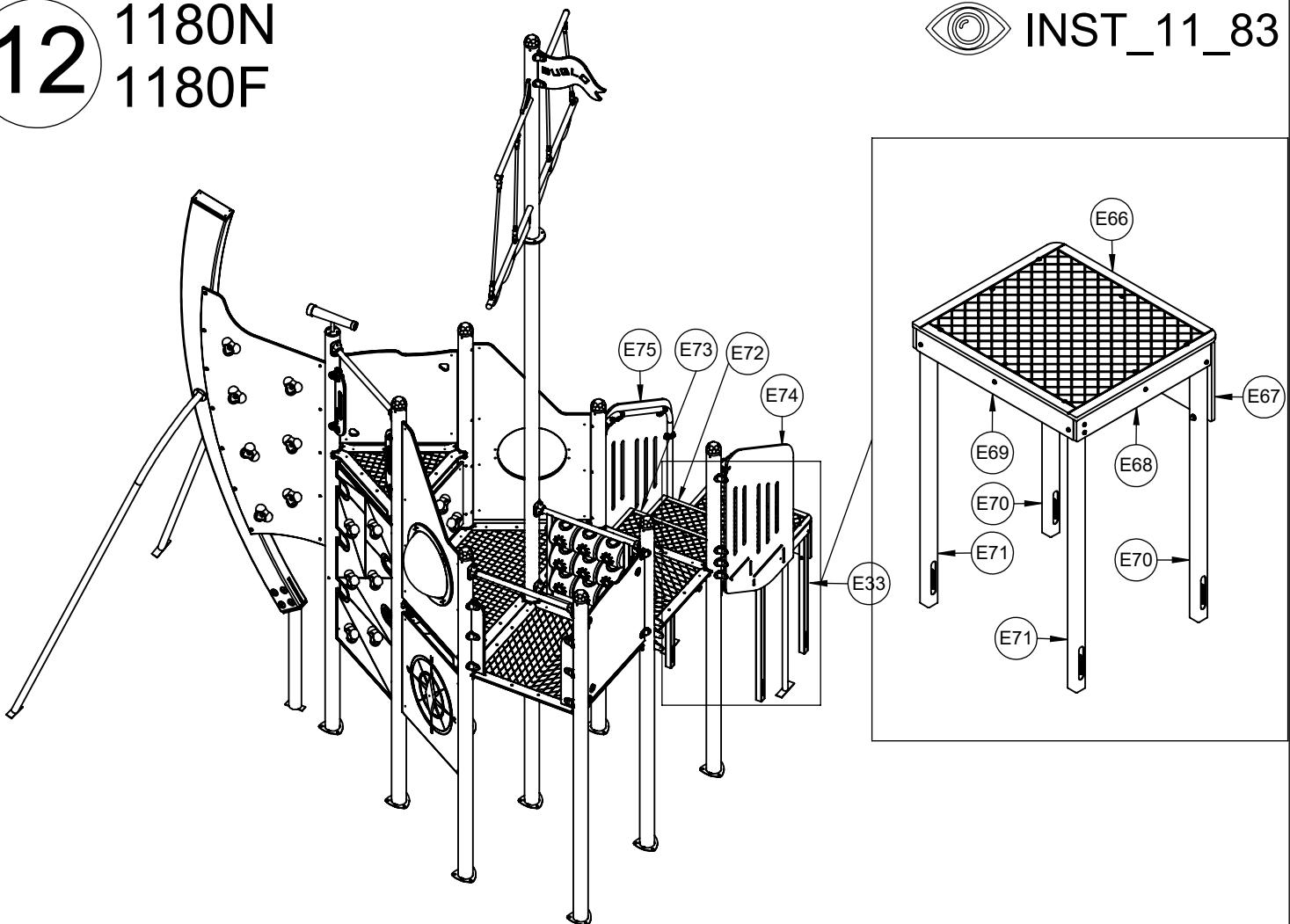


**12**

1180N  
1180F

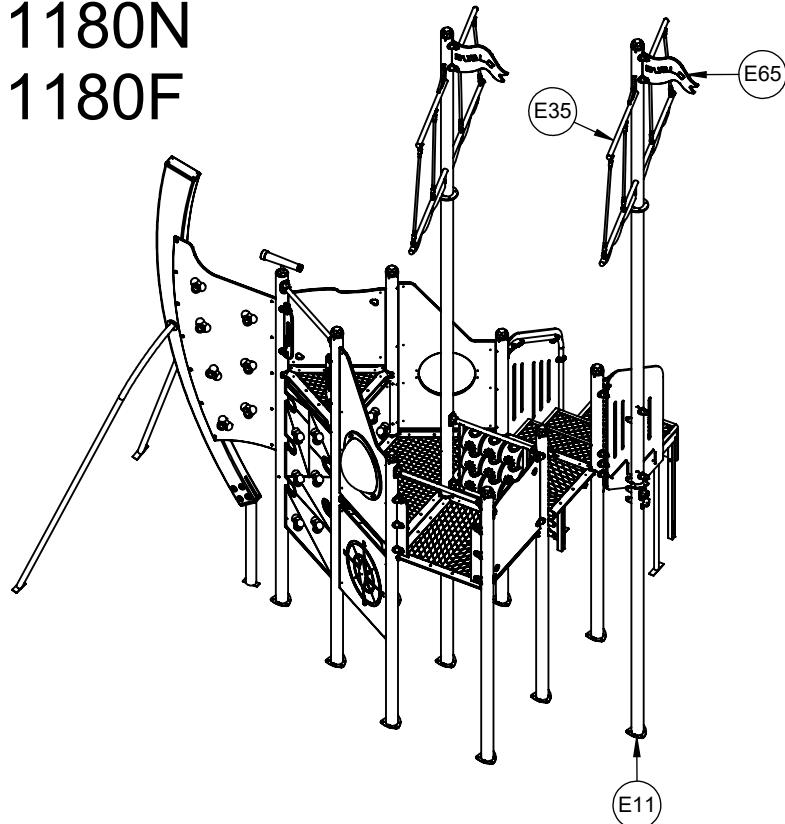


INST\_11\_83



**13**

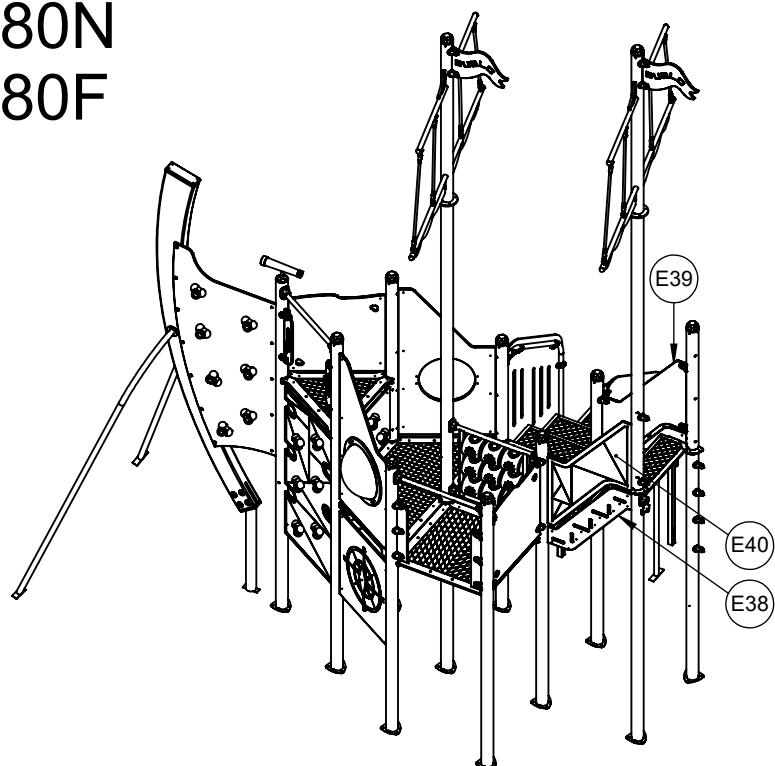
1180N  
1180F



INST\_11\_68D  
INST\_11\_99

**14**

1180N  
1180F



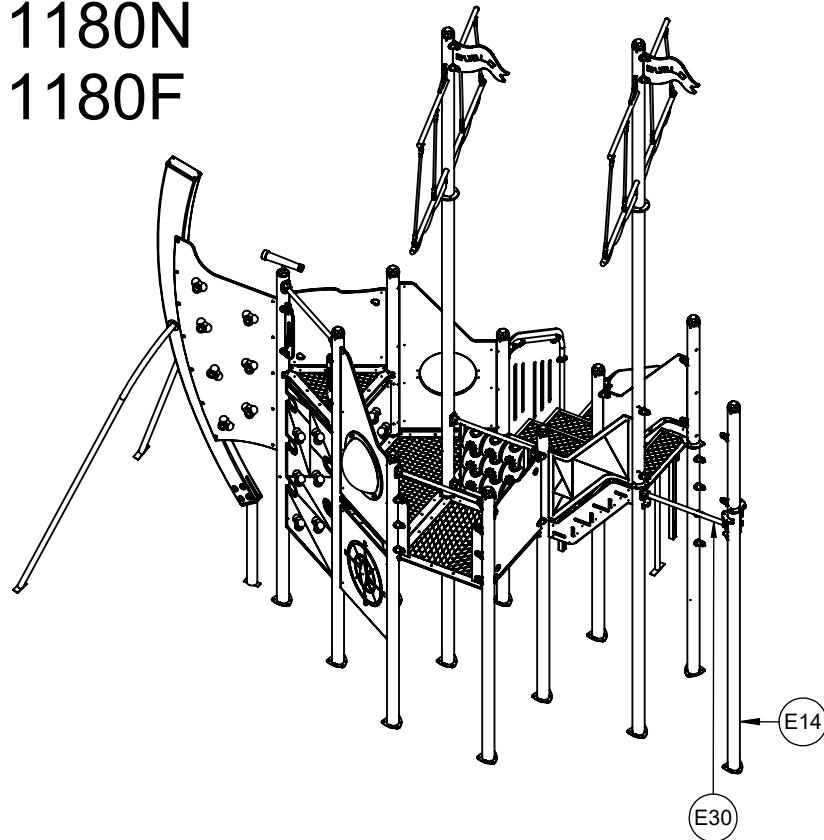
INST\_11\_52

15

1180N  
1180F



INST\_11\_18

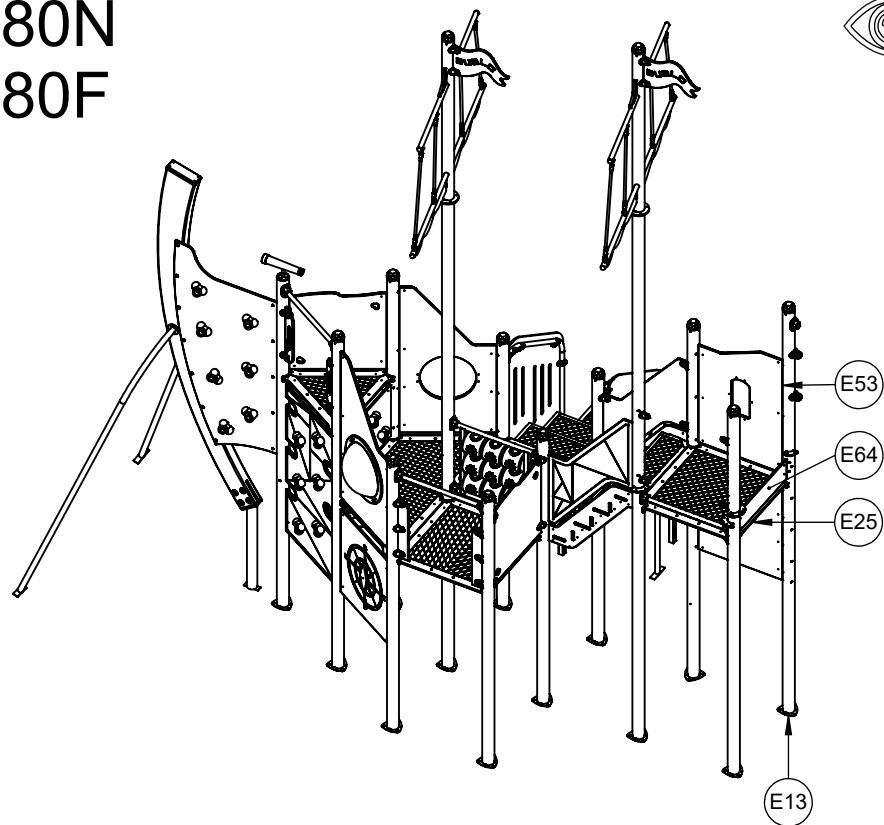


16

1180N  
1180F



INST\_11\_41  
INST\_11\_68A

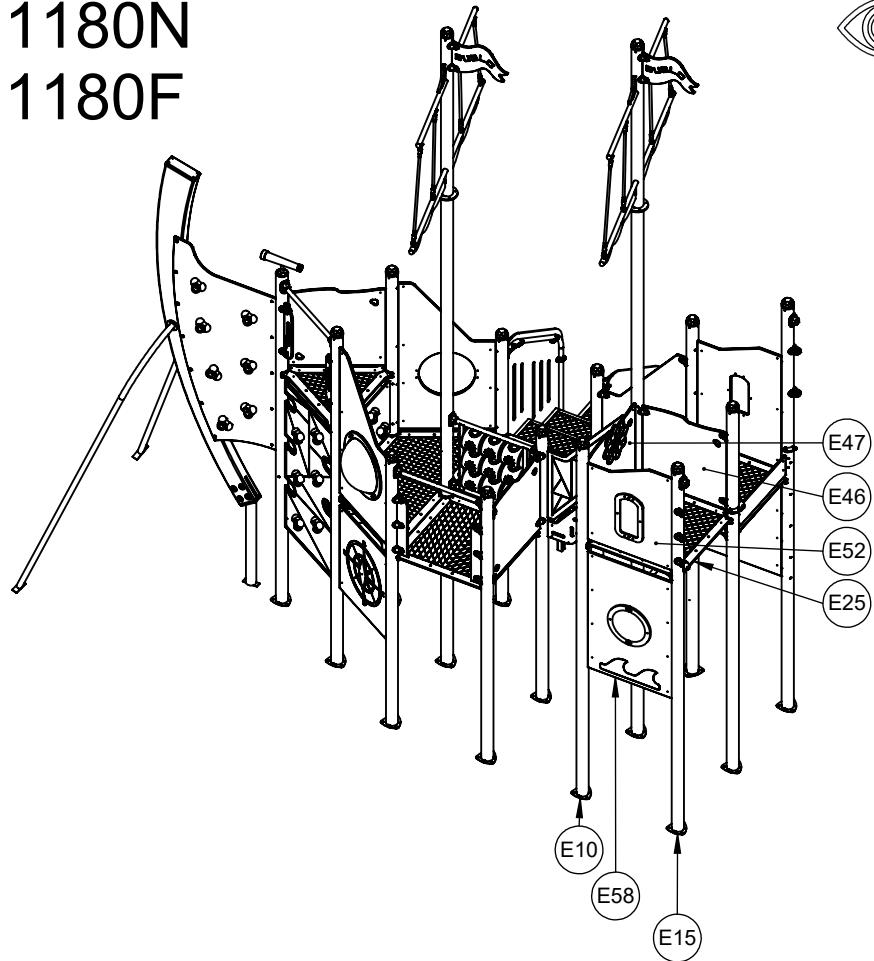


**17**

1180N  
1180F



INST\_11\_41  
INST\_11\_68A

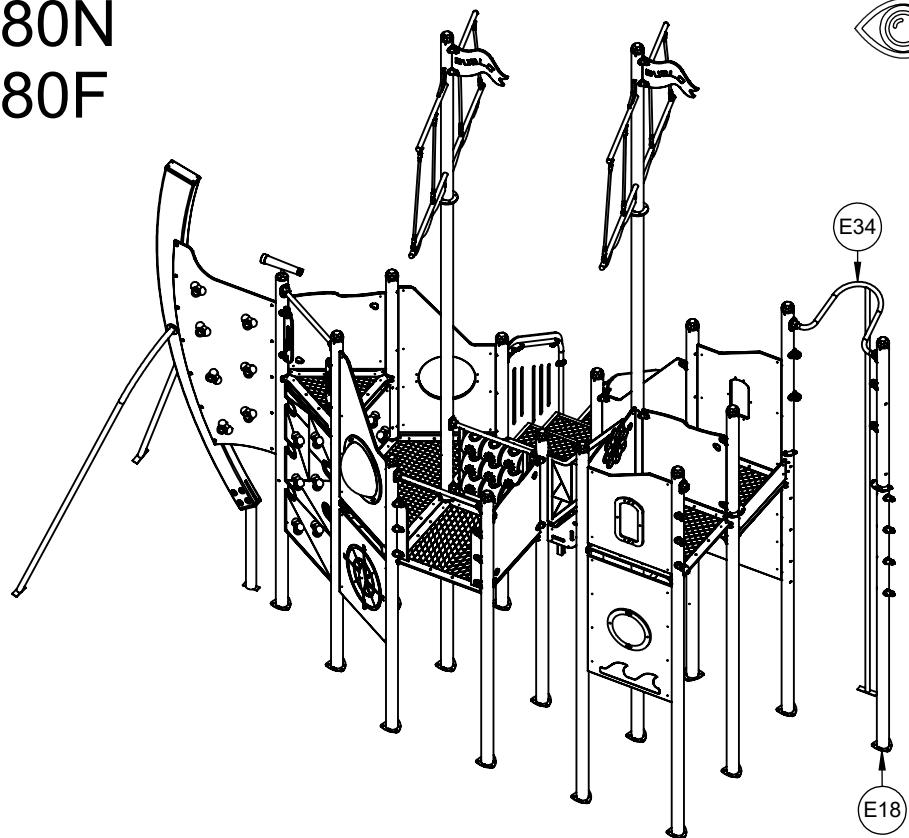


**18**

1180N  
1180F



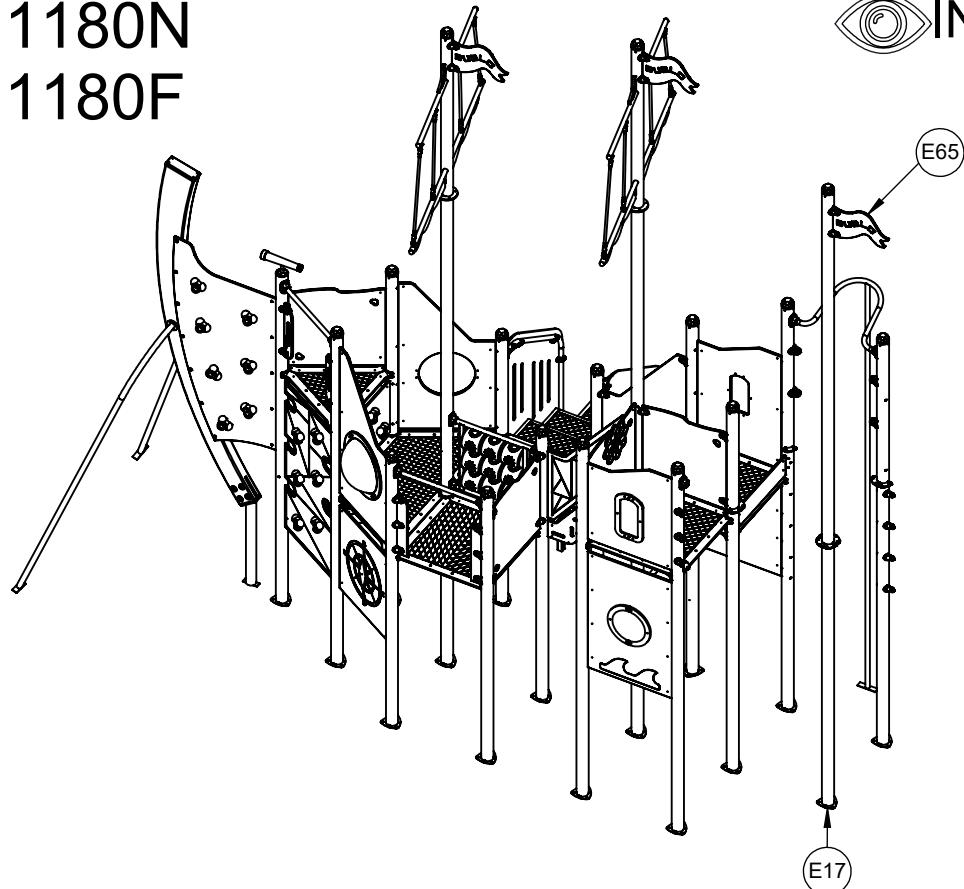
INST\_11\_56



**19**

1180N  
1180F

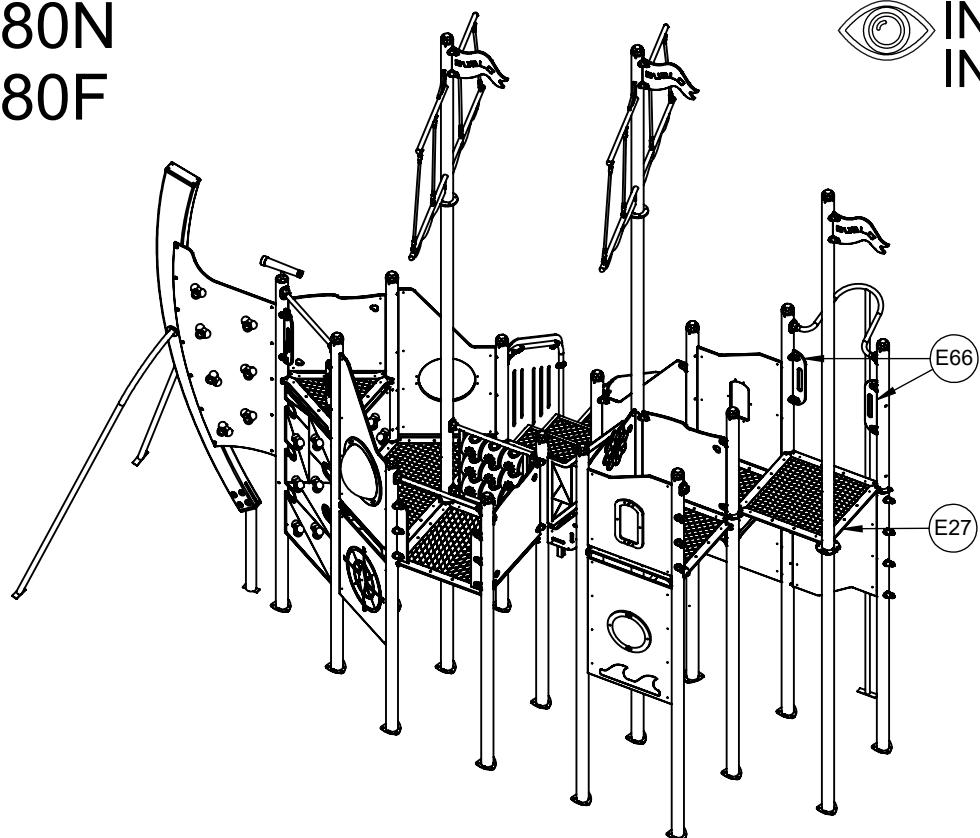
INST\_11\_68D



**20**

1180N  
1180F

INST\_11\_41  
INST\_11\_68B

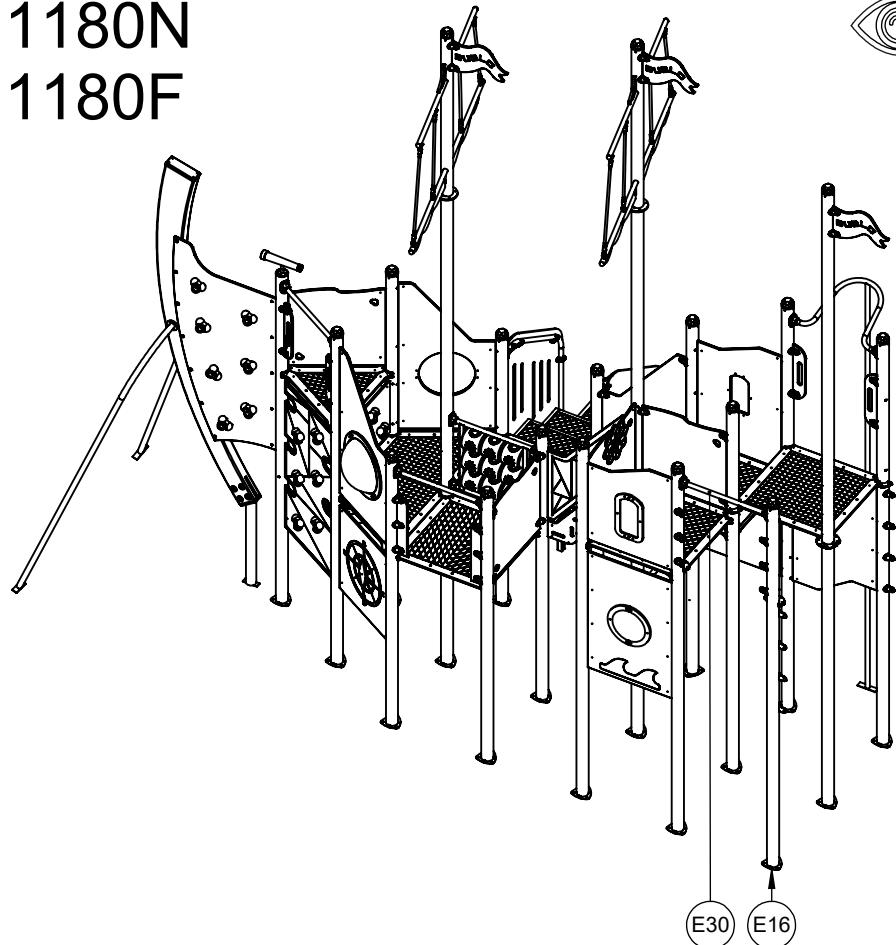


**21**

1180N  
1180F



INST\_11\_18

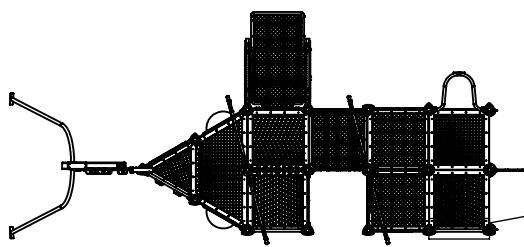


**22**

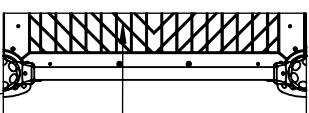
1180N  
1180F



INST\_11\_41  
INST\_11\_68C

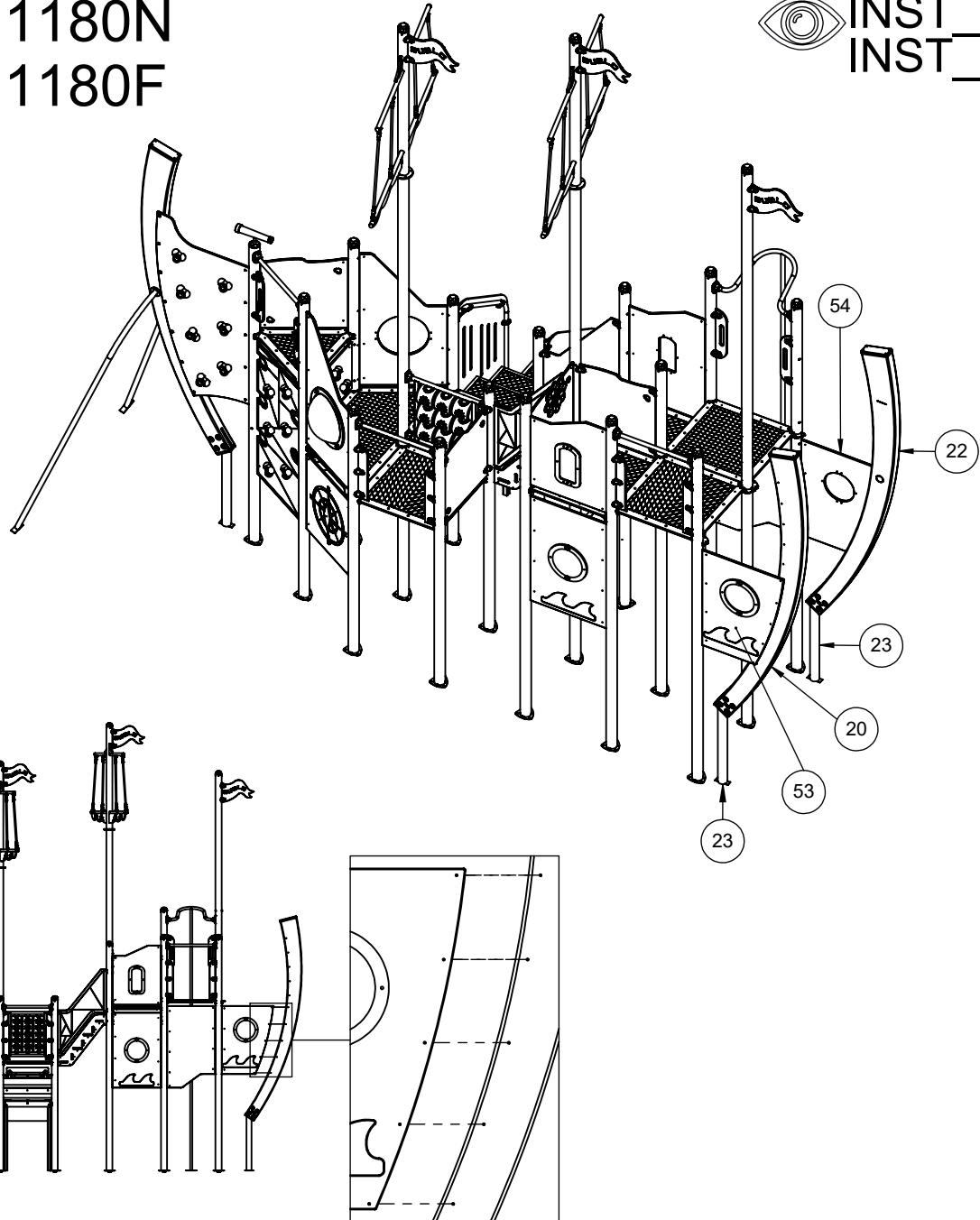


E67

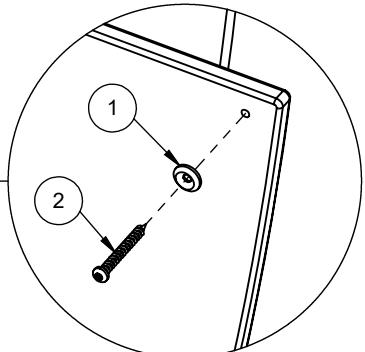
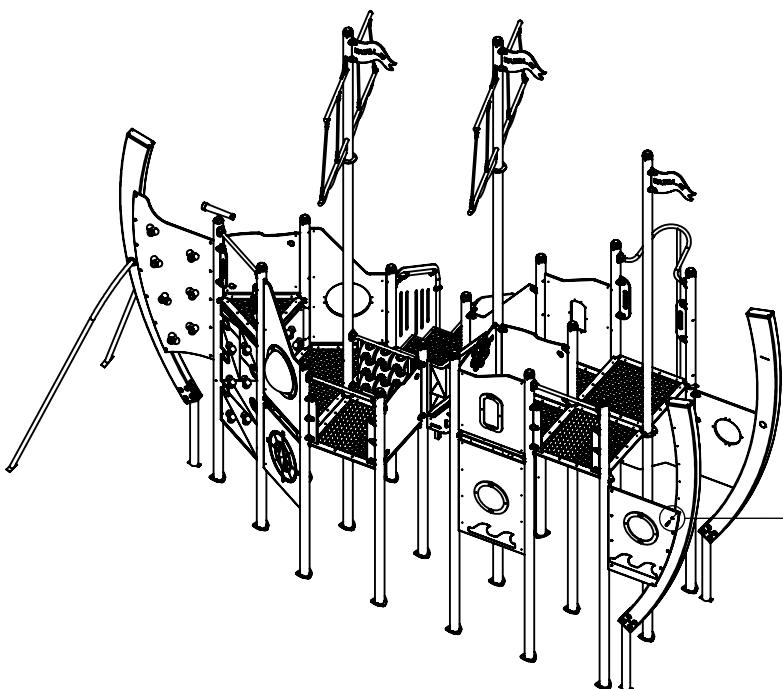


!

23

1180N  
1180FINST\_80\_118  
INST\_11\_68A

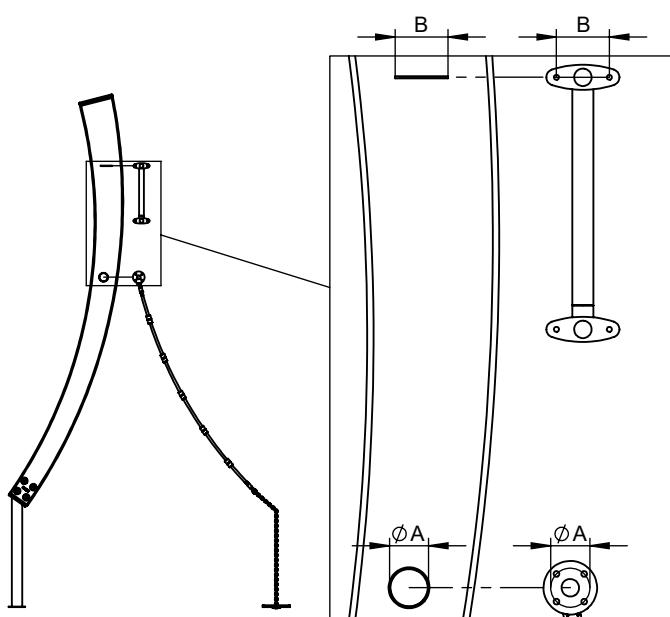
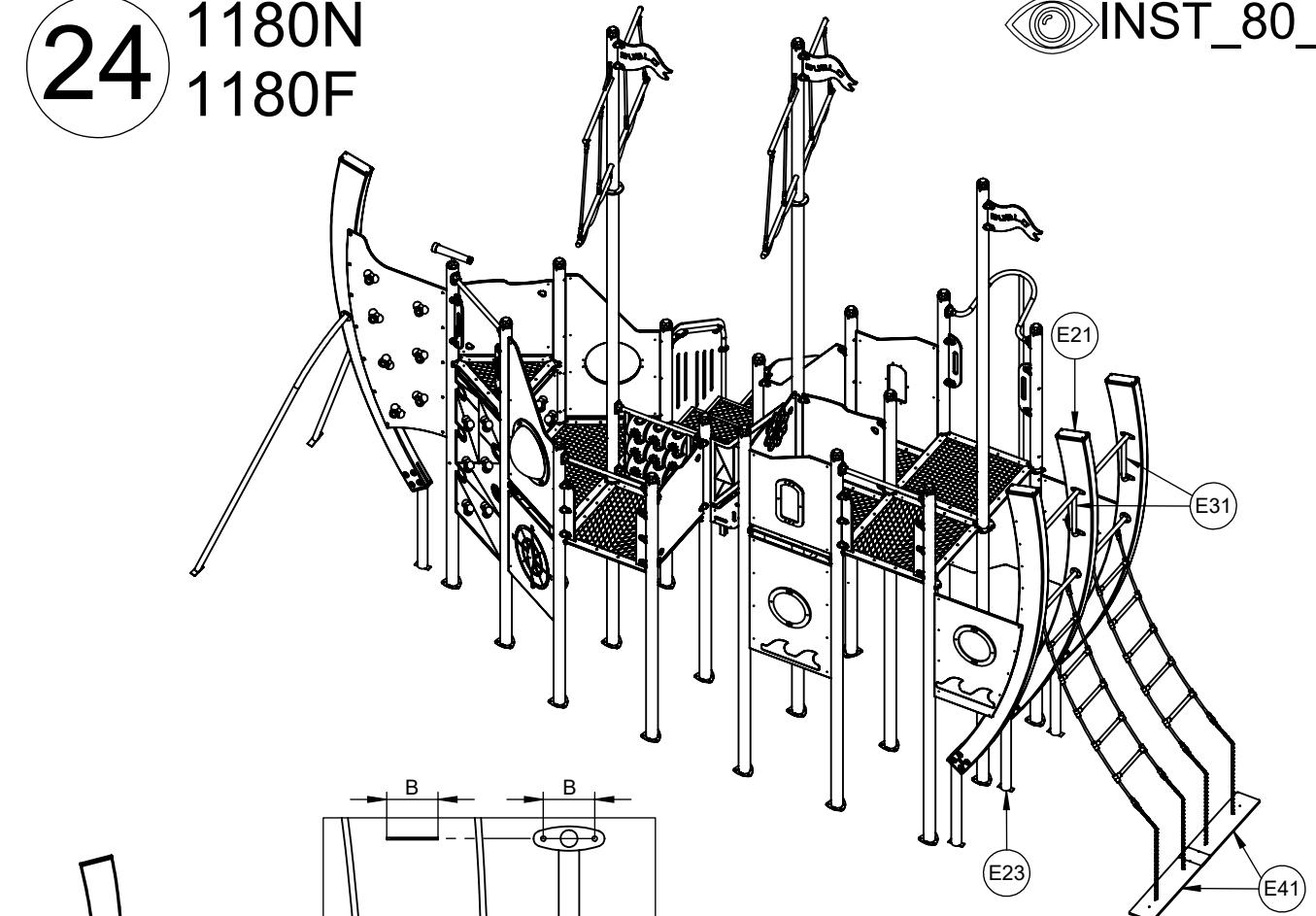
Nr	$\Sigma$	Element	DIN	ELEMENT
1	17		-	S6x60
2	17		-	W6x60



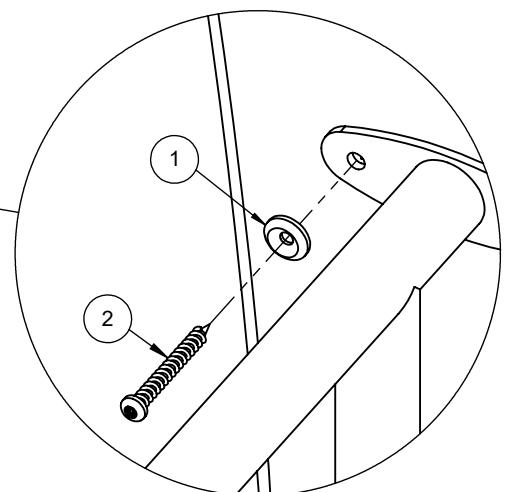
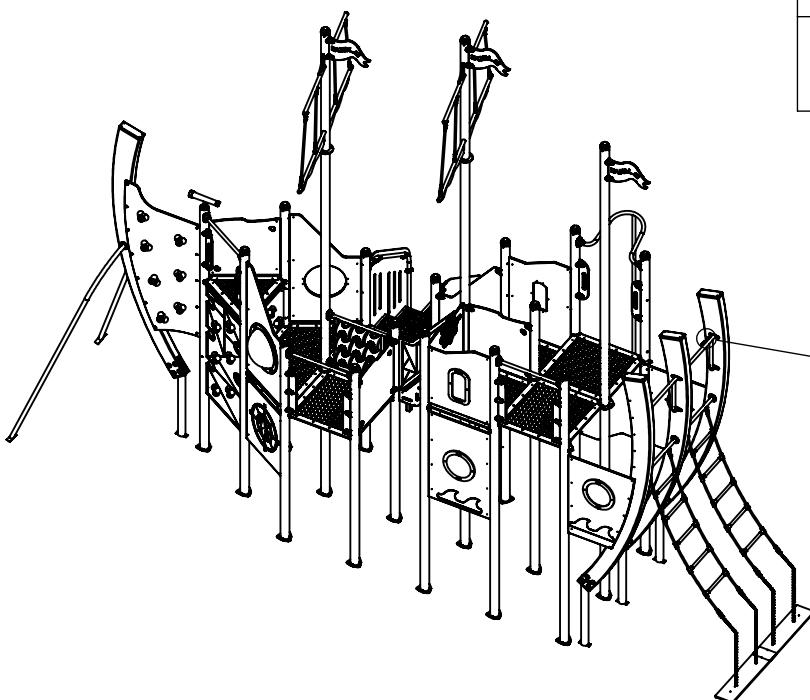
24

1180N  
1180F

INST\_80\_118

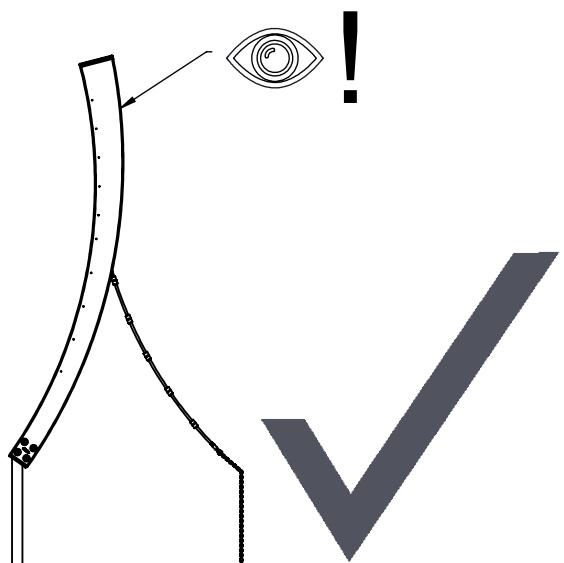
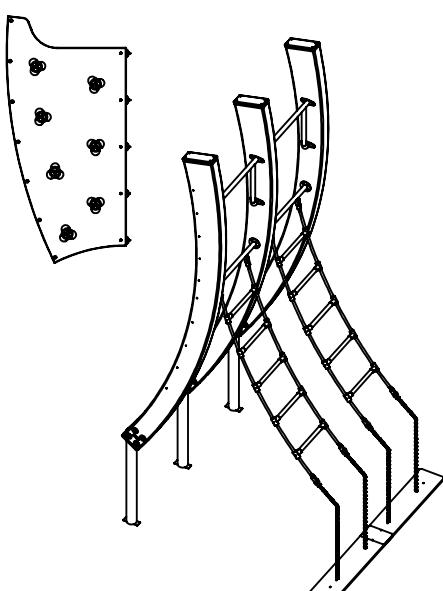
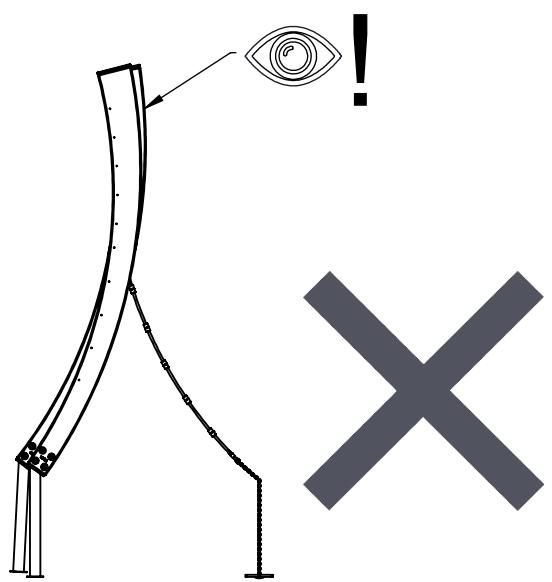
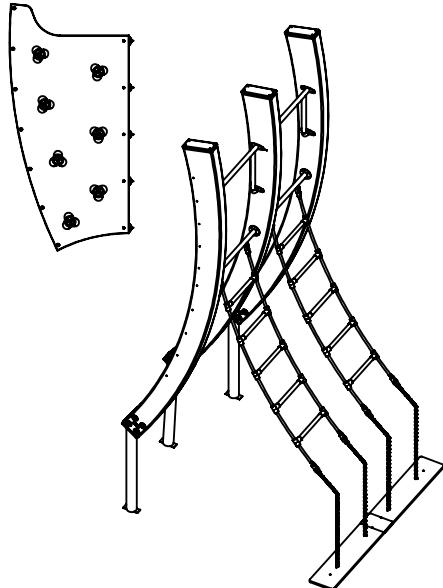


Nr	$\Sigma$	Element	DIN	ELEMENT
1	39		-	S6x60
2	39		-	W6x60



**24**

1180N  
1180F

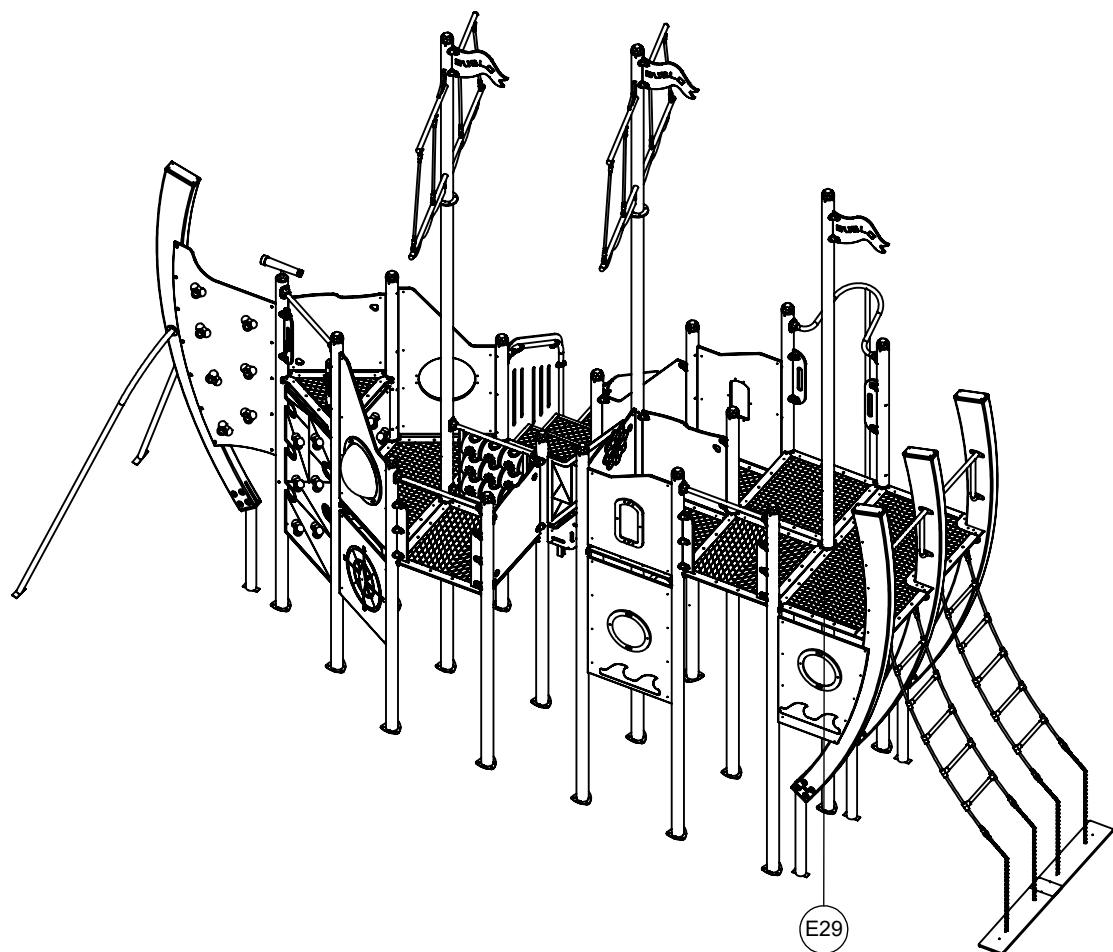


25

1180N  
1180F



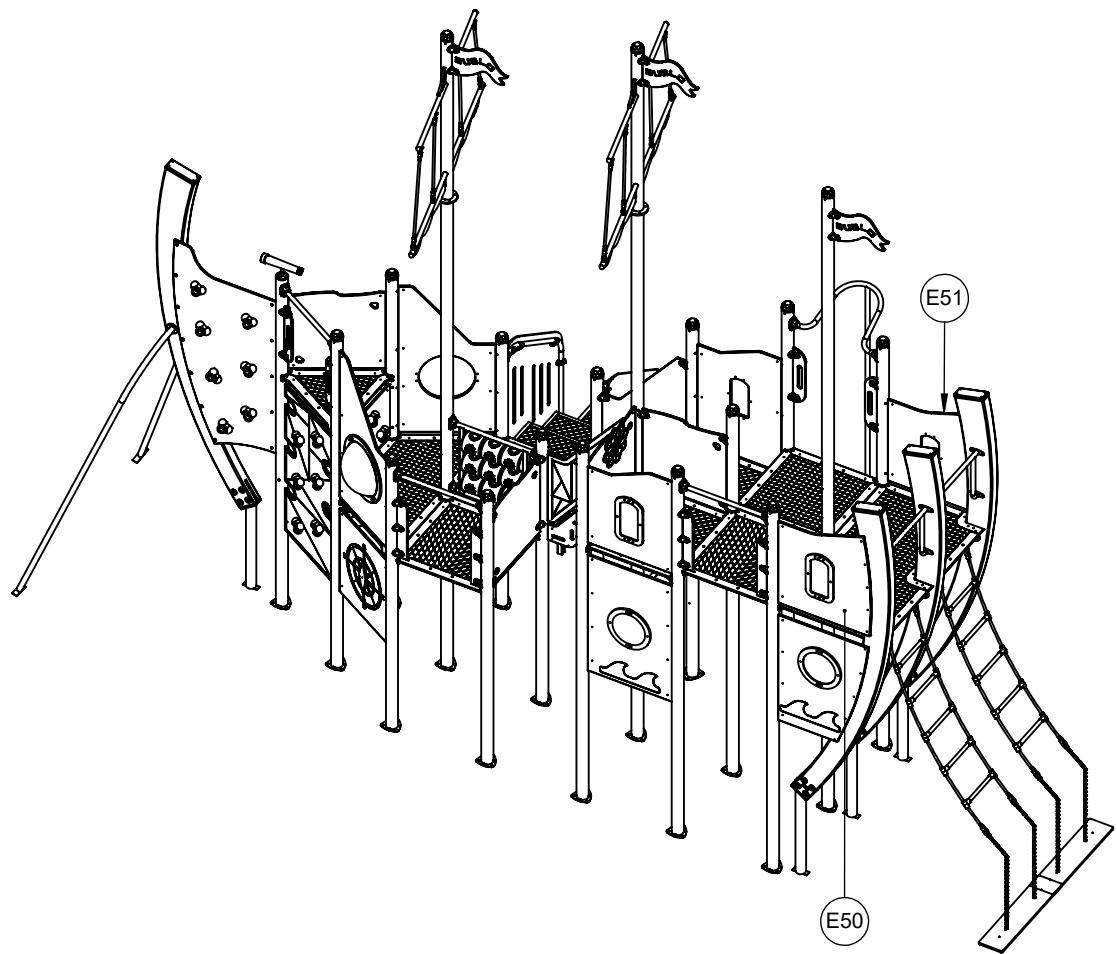
INST\_11\_95



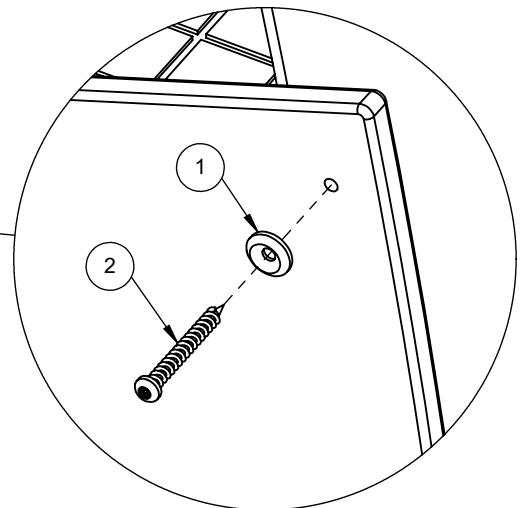
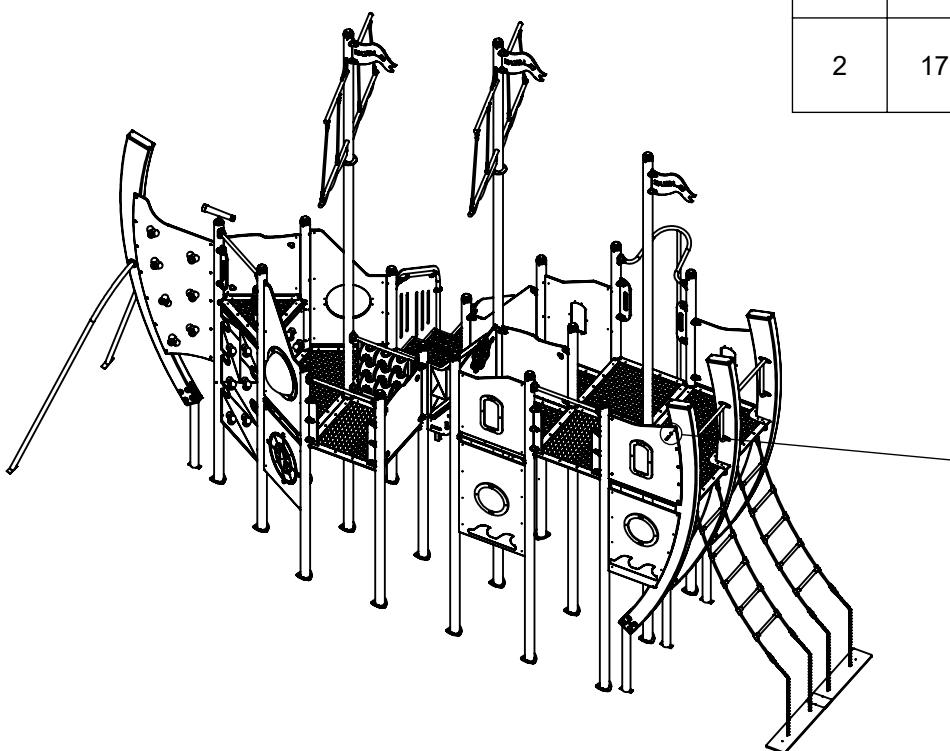
26

1180N  
1180F

INST\_11\_68A



Nr	$\Sigma$	Element	DIN	ELEMENT
1	17		-	S6x60
2	17		-	W6x60

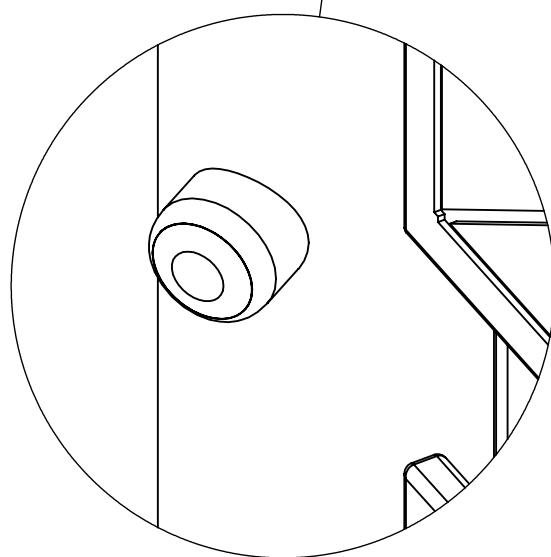
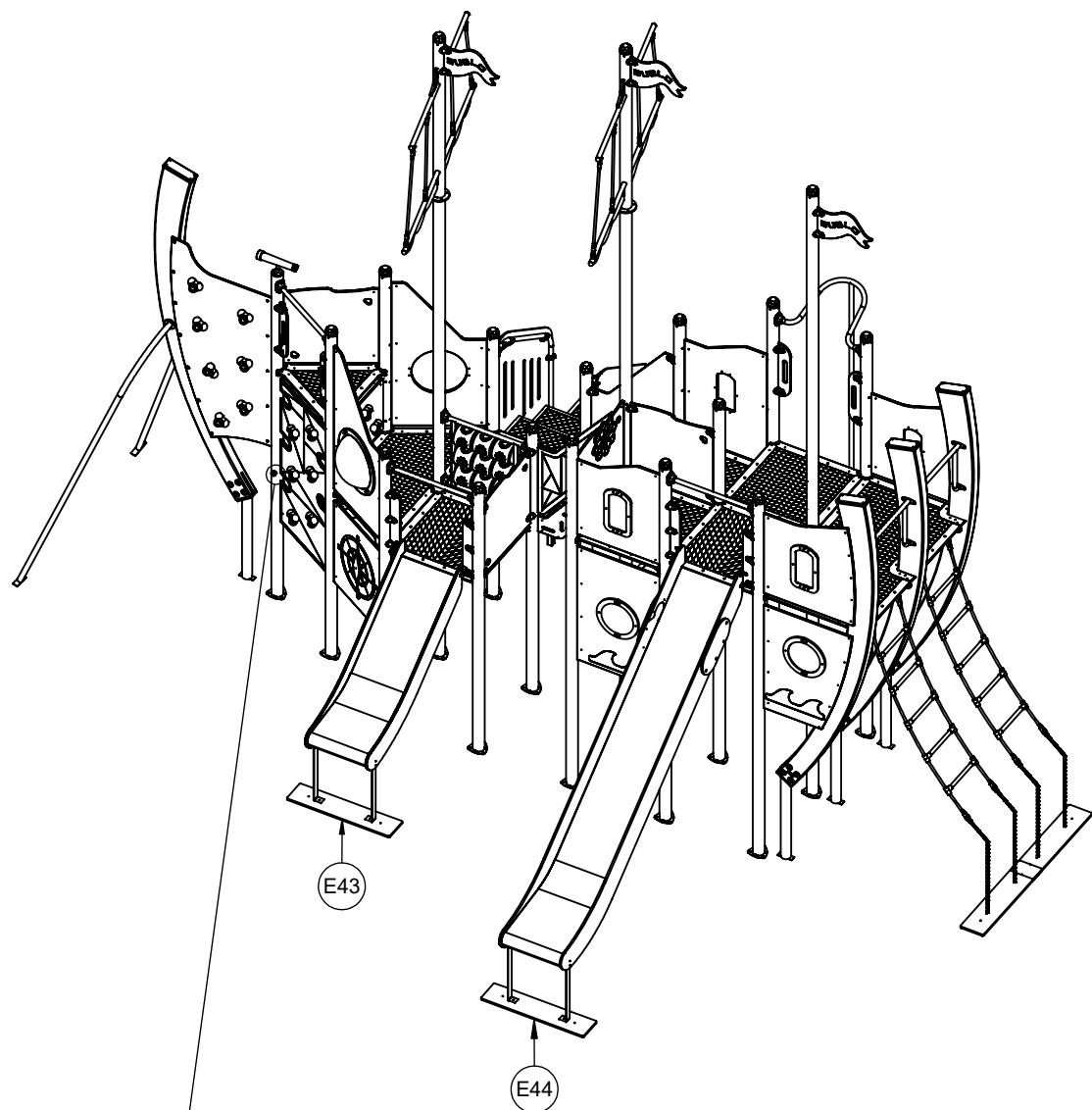


27

1180N  
1180F

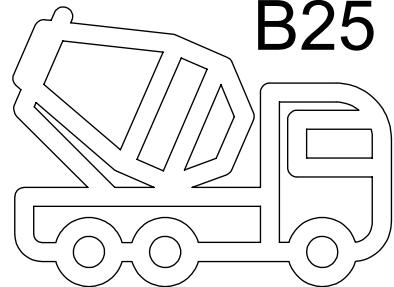


INST\_11\_70  
INST\_Z\_1

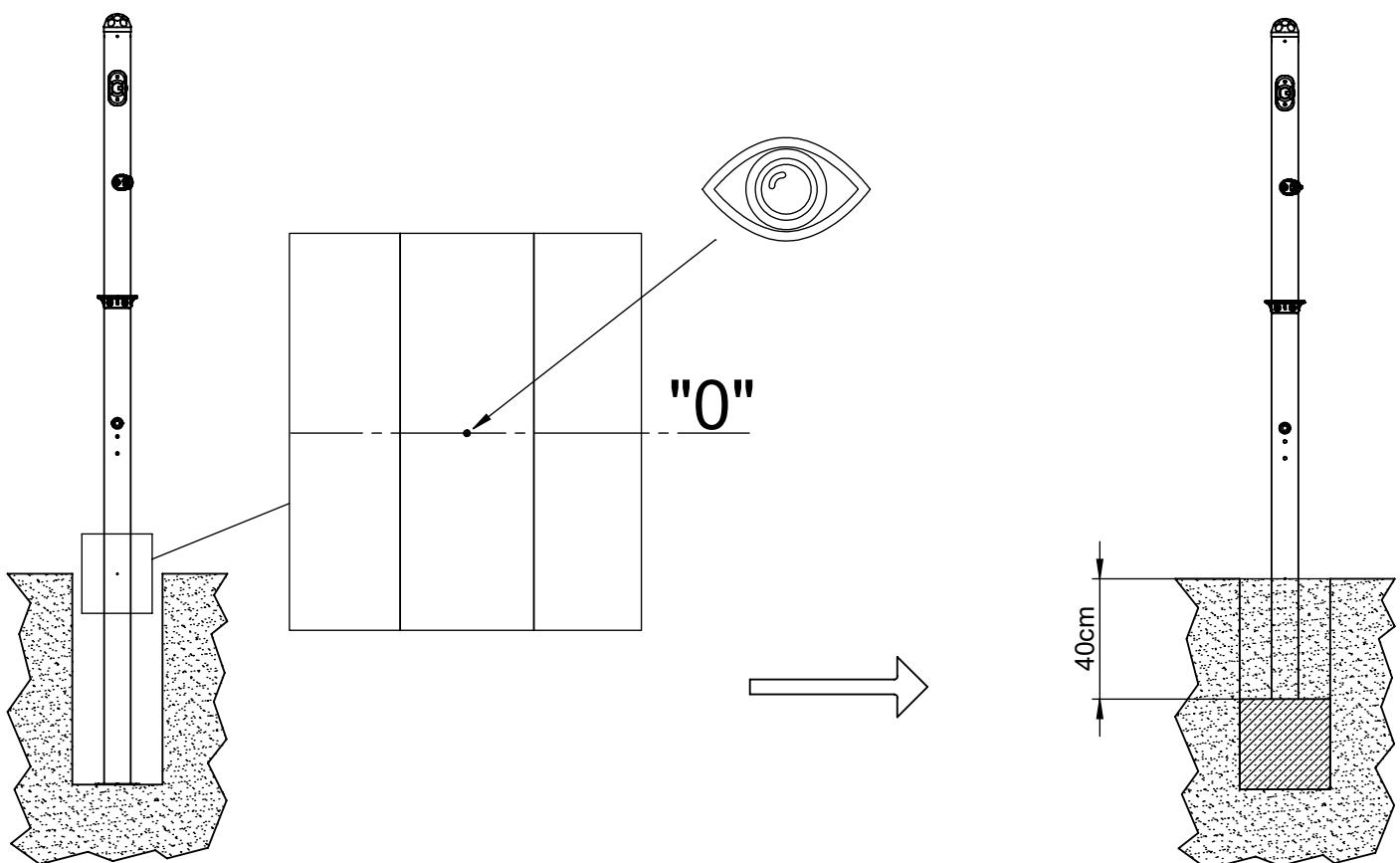
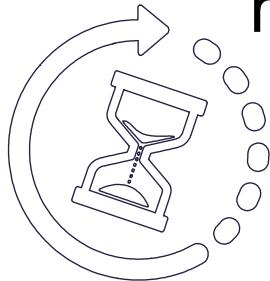


1180N

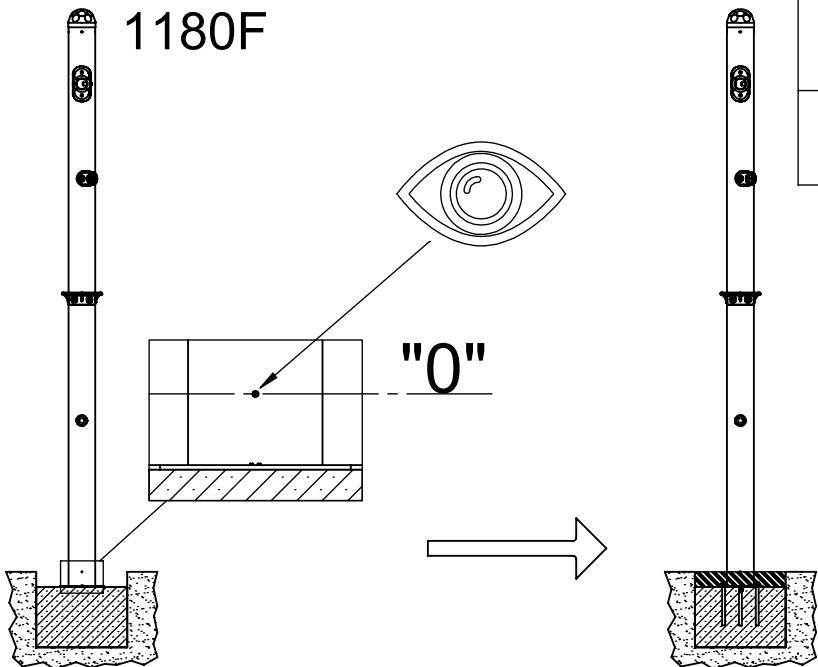
B25 1,3m<sup>3</sup>



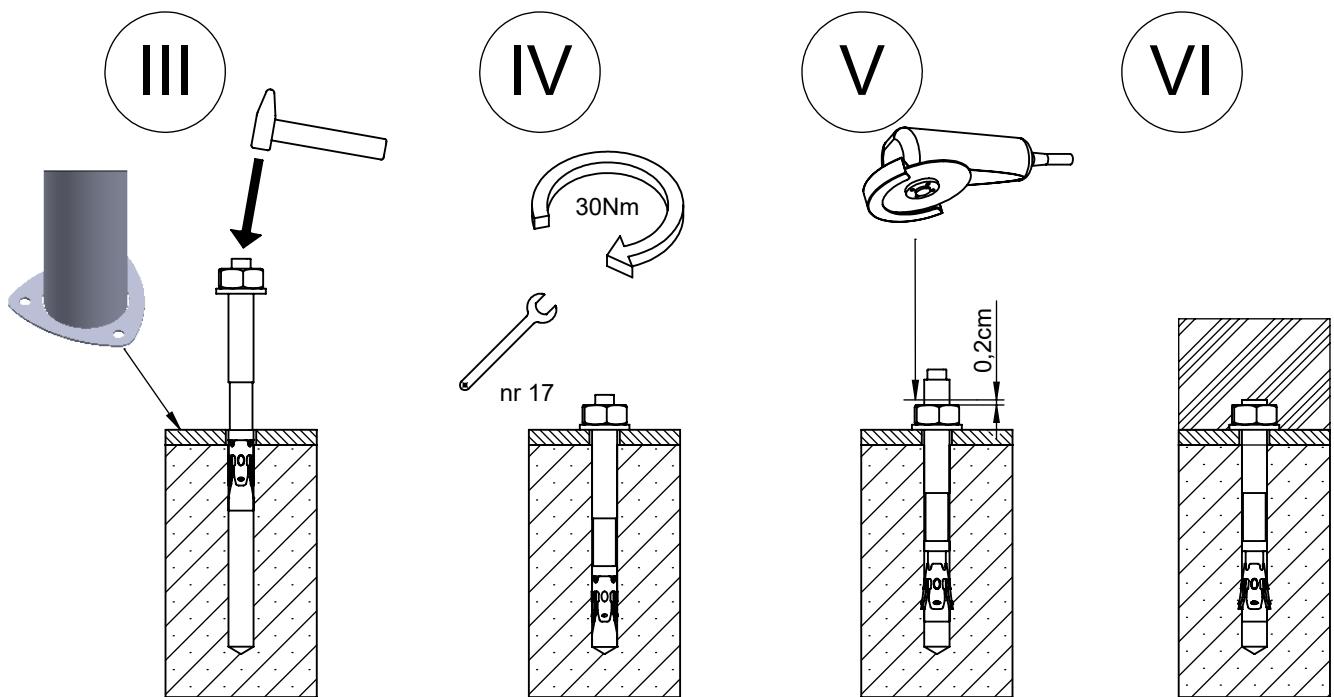
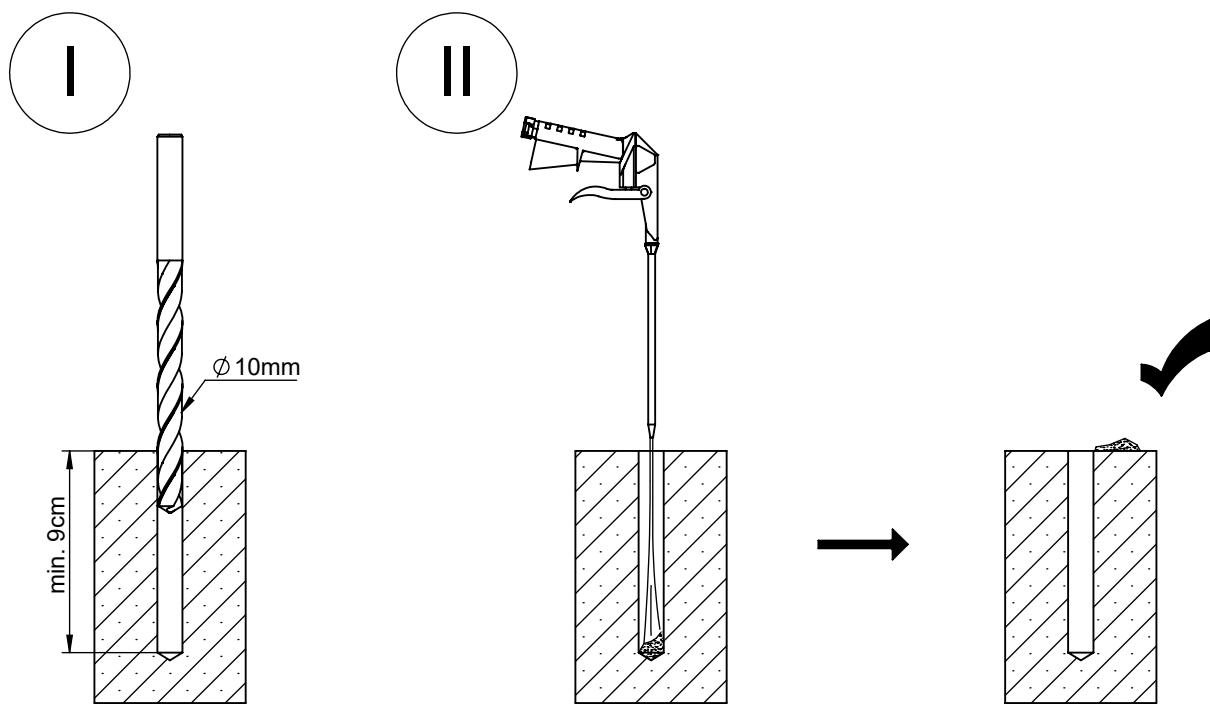
min. 48H



1180F

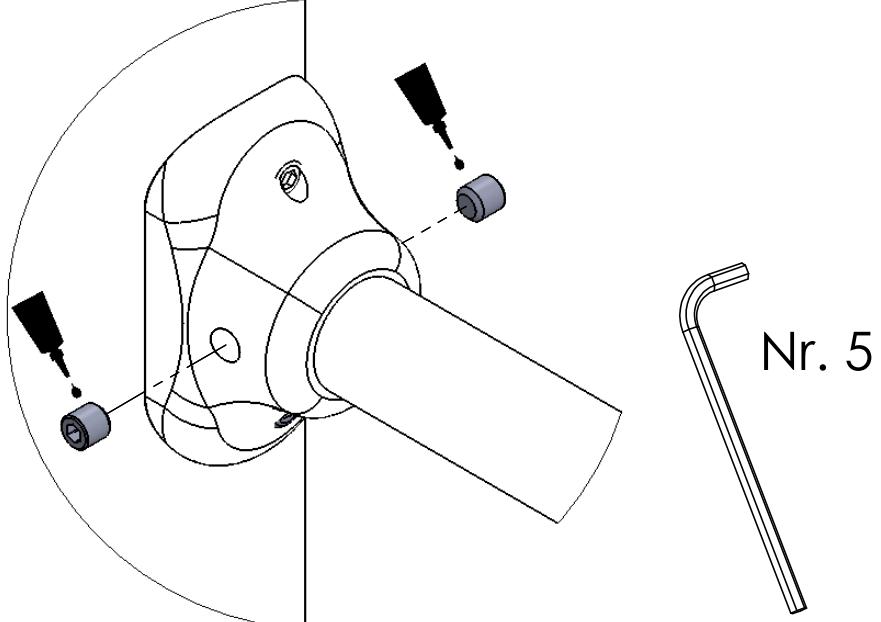
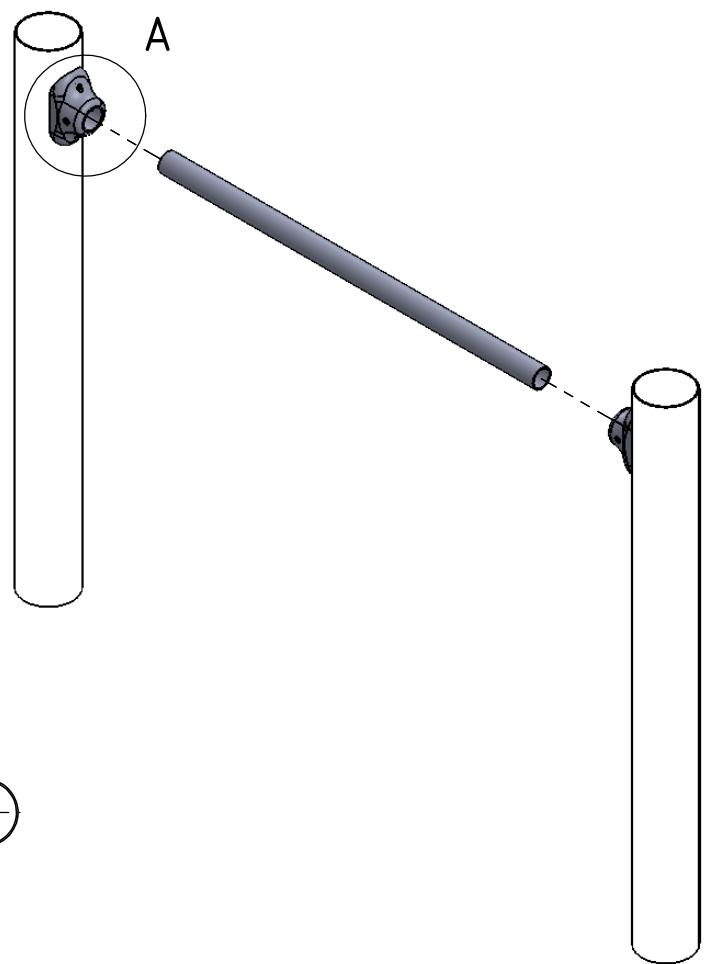


Nr	Element		
61		-	KL105 (OC)

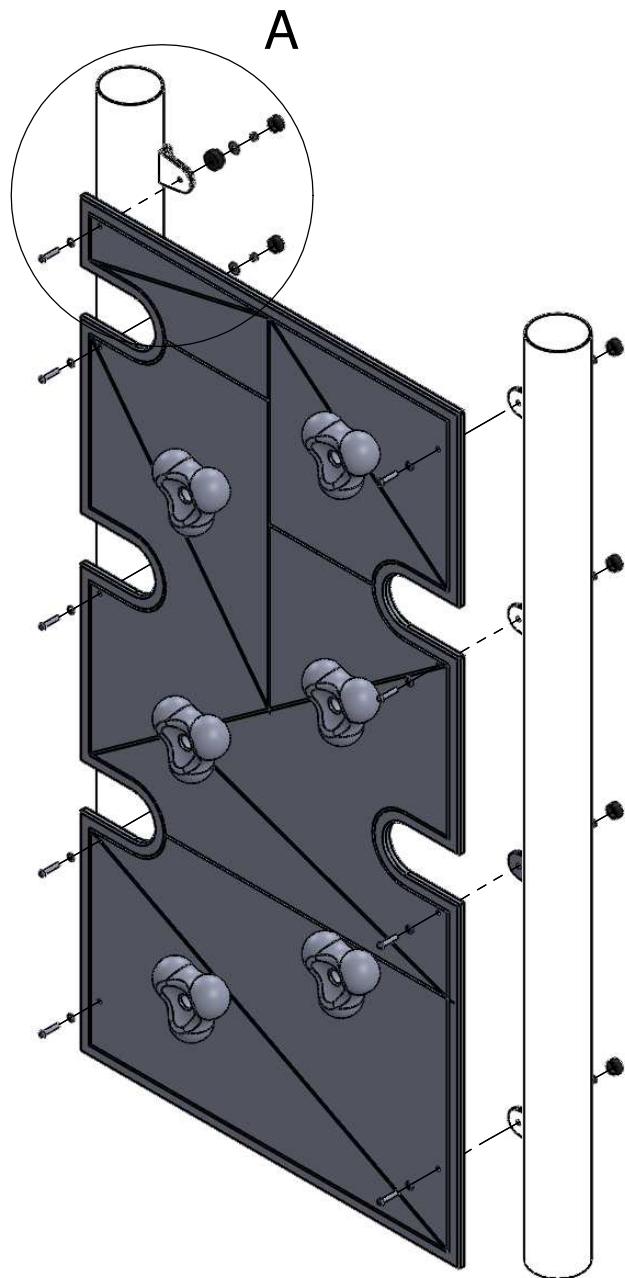


# INST\_11\_18

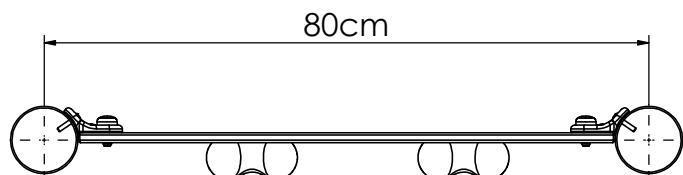
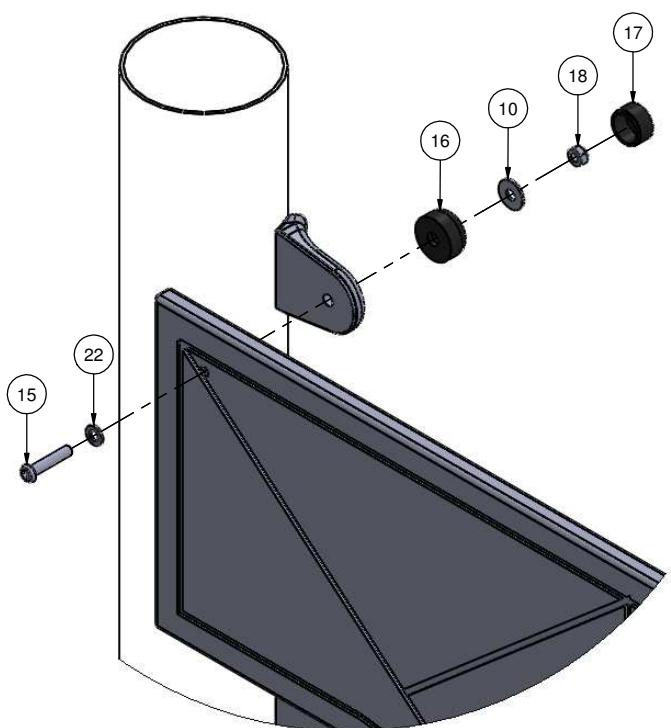
Nr	$\Sigma$	Element
58	1	- LOCTITE



# INST\_11\_38

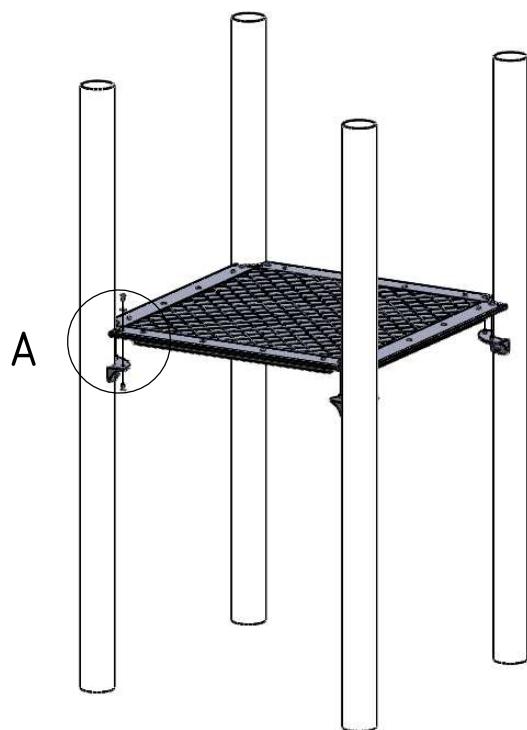


Nr	$\Sigma$	Element		
10	9	(0)	DIN 9021	6x18
16	9	[Diagram: Nut with height φ21]	-	K1_d21_B
17	9	[Diagram: Washer with height φ21]	-	Z1_d21_B
18	9	(0)	DIN 985	M6
22	9	(0)	DIN 125	6x12
15	9	[Diagram: Bolt ISO 7380]	ISO 7380	M6x30

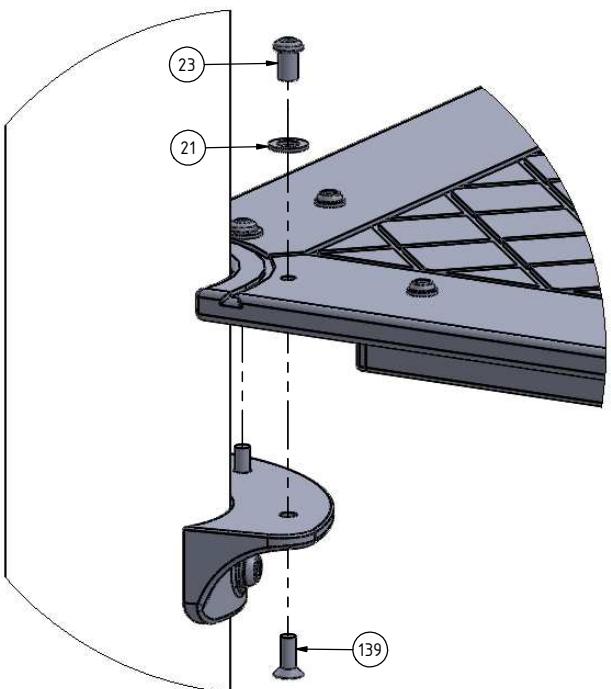


# INST\_11\_41

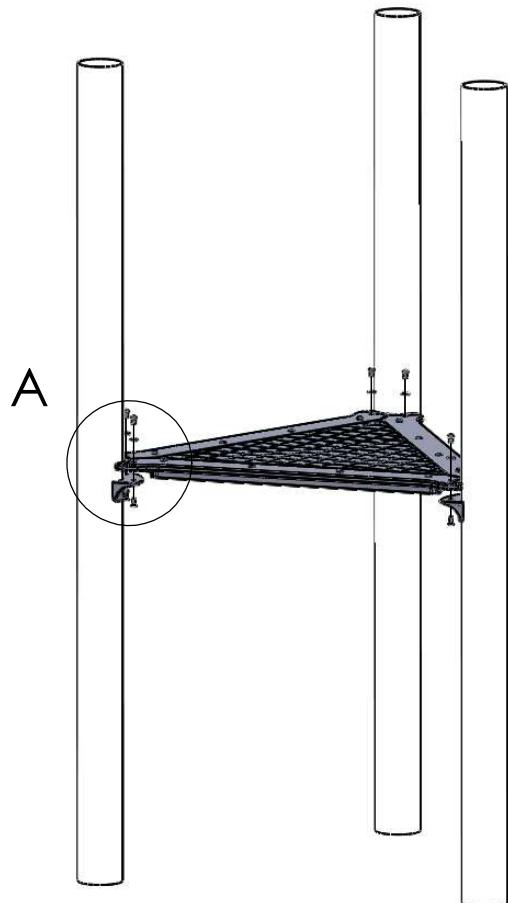
Nr	$\Sigma$	Element	DIN	ELEMENT
21	8	○	DIN 125	8x16
139	8	□	DIN 7991	M6x16
23	8	●	-	M6x12



A (1 : 3)

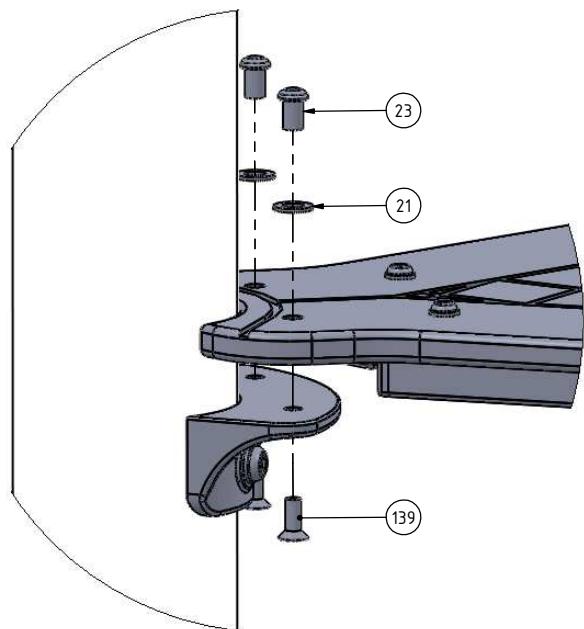


# INST\_11\_43

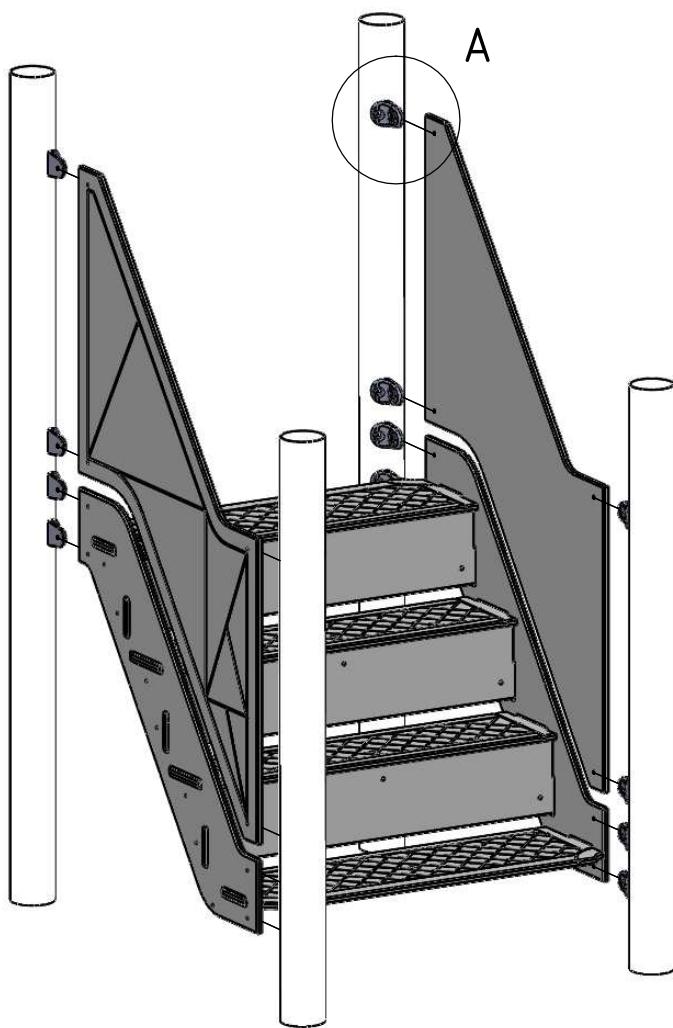


Nr	$\Sigma$	Element	DIN	ELEMENT
21	6	O	DIN 125	8x16
23	6	Ø	-	M6x12
139	6	■	DIN 7991	M6x16

A (1 : 3)



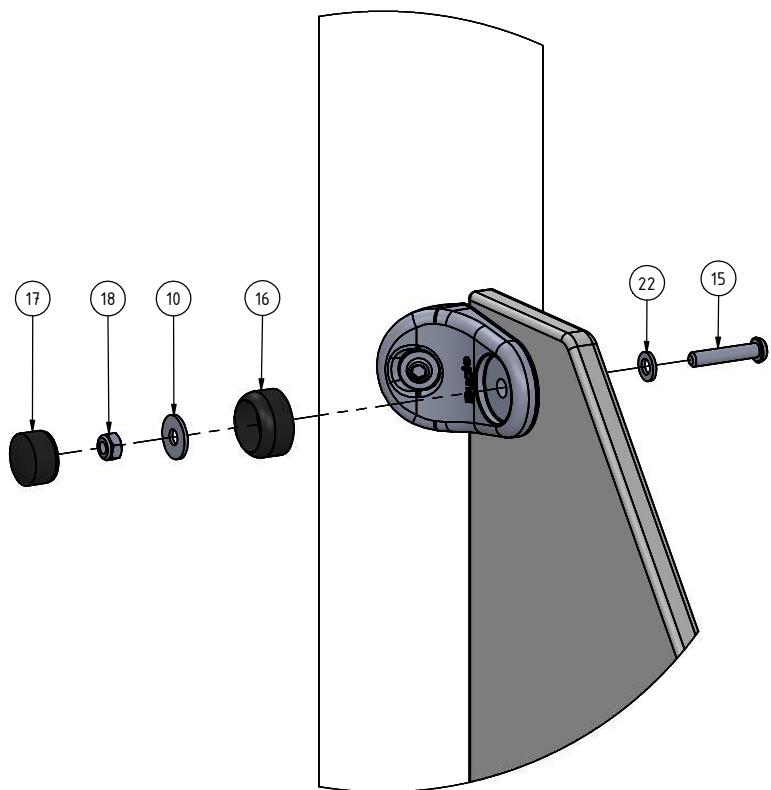
# INST\_11\_52



A

A (1 : 3)

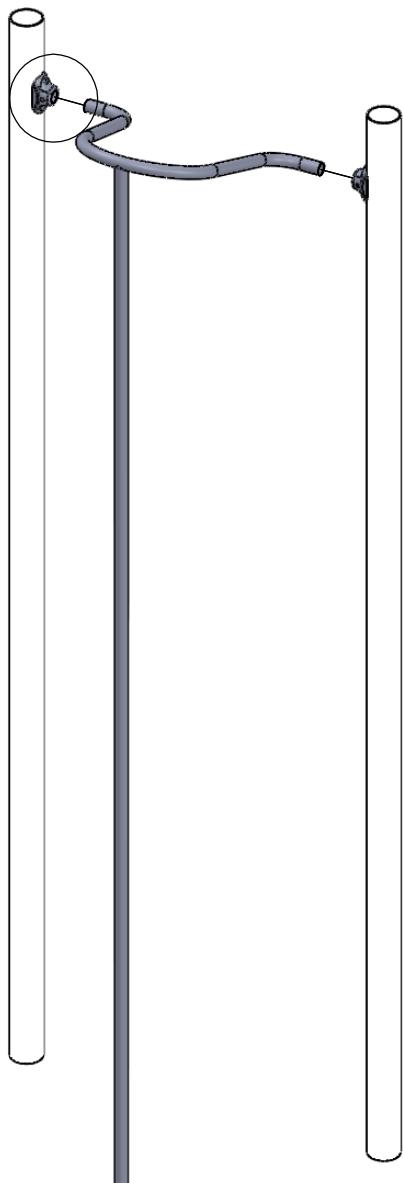
Nr	$\Sigma$	Element	DIN	ELEMENT
10	16	(O)	DIN 9021	6x18
15	16	ISO 7380	M6x30	
16	16	K1_d21_B	-	
17	16	Z1_d21_B	-	
18	16	DIN 985	M6	
22	16	DIN 125	6x12	



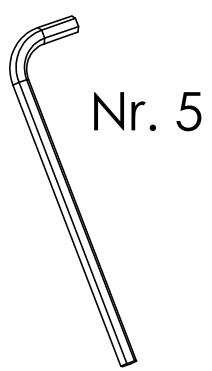
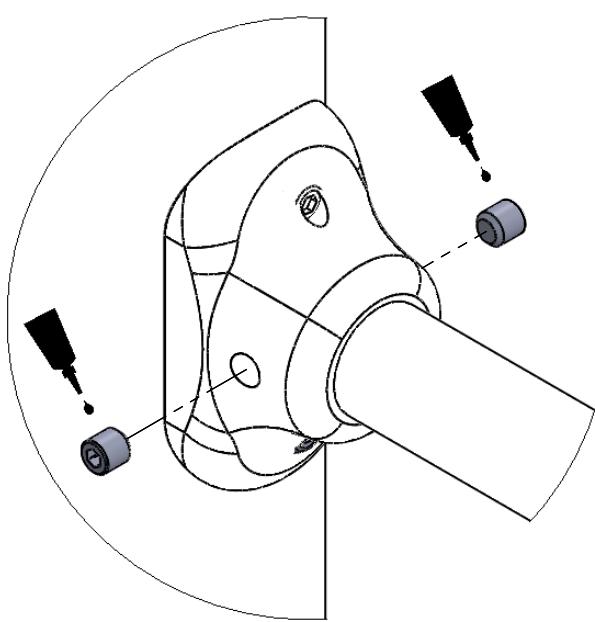
# INST\_11\_56

Nr	$\Sigma$	Element	DIN	ELEMENT
58	1		-	LOCTITE

A

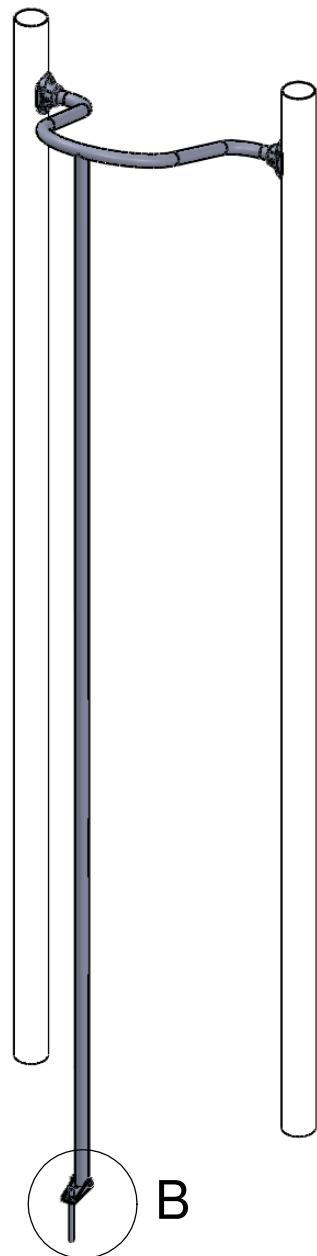


A (1 : 2)

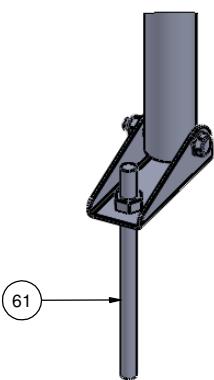


**F**

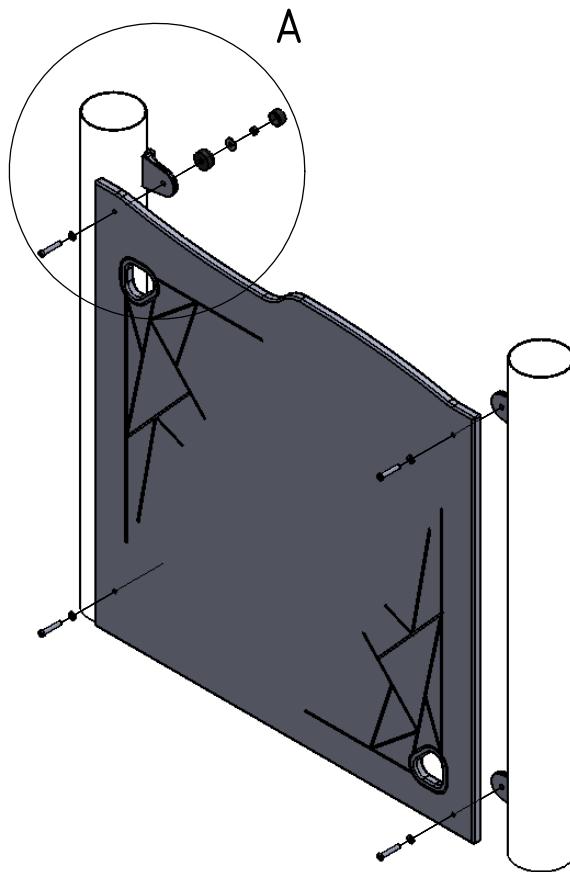
Nr	$\Sigma$	Element	DIN	ELEMENT
61	1		-	KL105



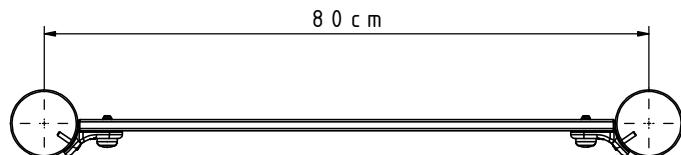
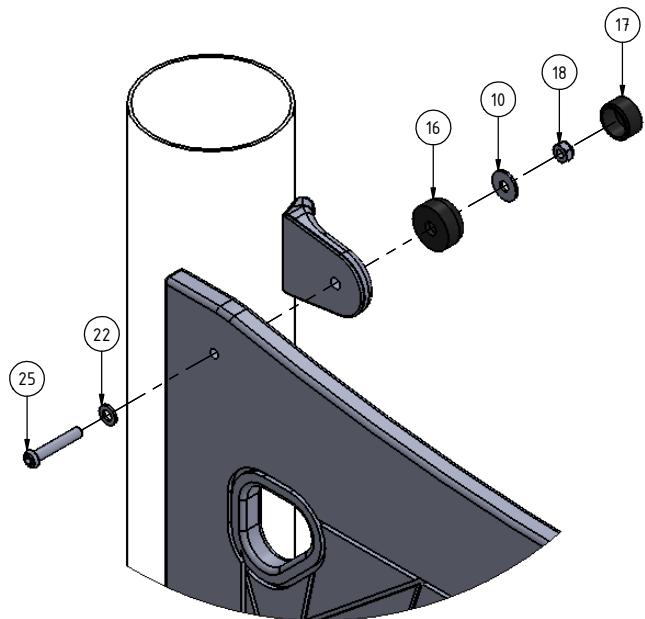
B (1 : 5)



# INST\_11\_68A

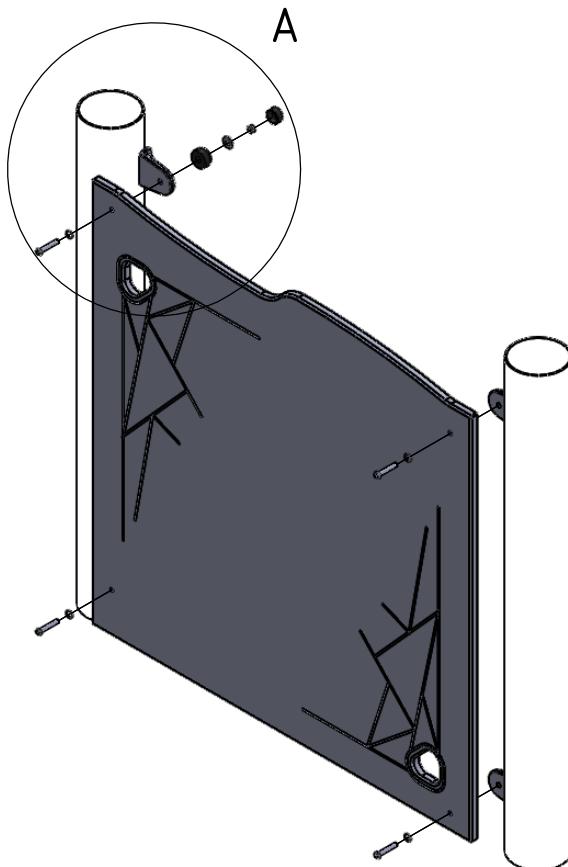


Nr	$\Sigma$	Element		
10	4	(0)	DIN 9021	6x18
16	4		-	K1_d21_B
17	4		-	Z1_d21_B
18	4	(0)	DIN 985	M6
22	4	(0)	DIN 125	6x12
25	4		ISO 7380	M6x35

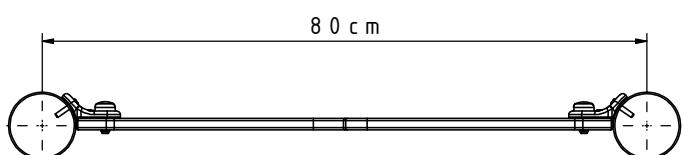
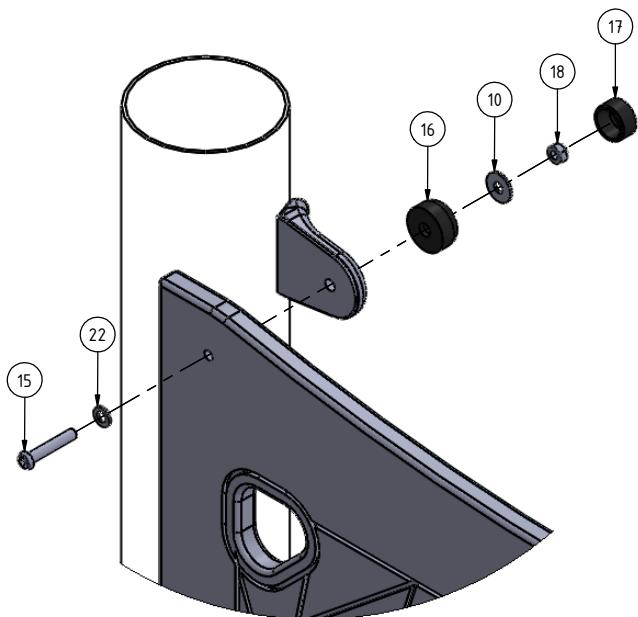


**INST\_11\_68A**

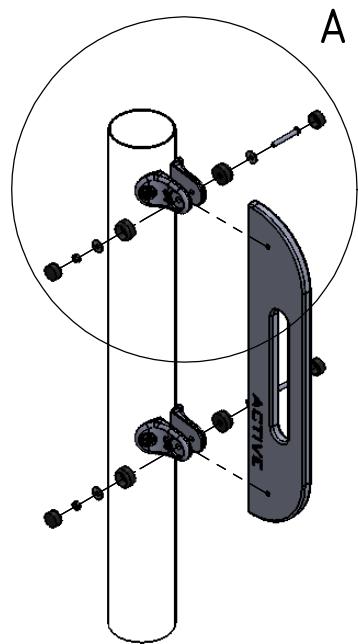
HPL 13



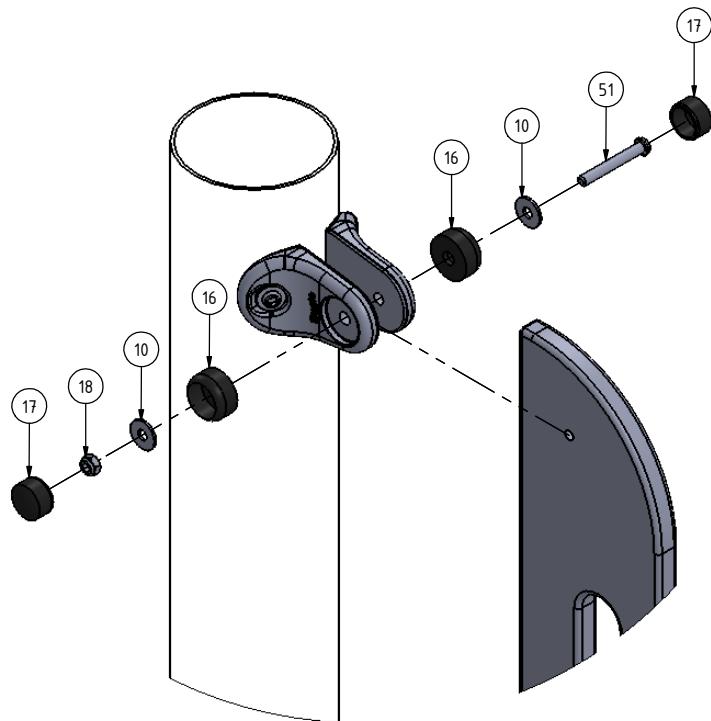
Nr	$\Sigma$	Element	DIN	ELEMENT
10	4	(O)	DIN 9021	6x18
16	4		-	K1_d21_B
17	4		-	Z1_d21_B
18	4	(O)	DIN 985	M6
15	4		ISO 7380	M6x30
22	4	(O)	DIN 125	6x12



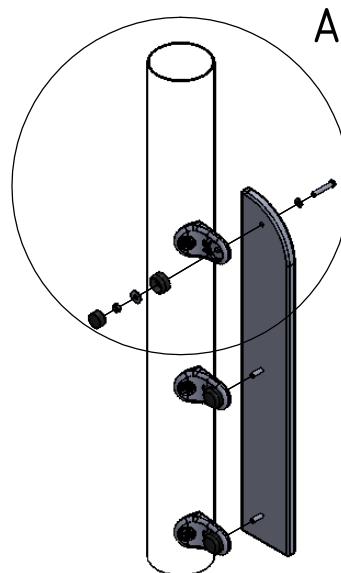
# INST\_11\_68B



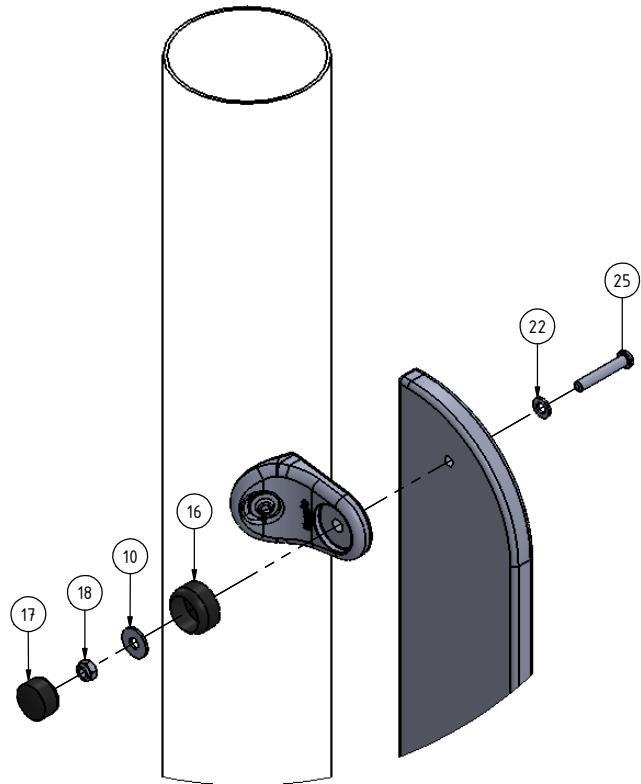
Nr	$\Sigma$	Element	DIN	ELEMENT
10	4	(0)	DIN 9021	6x18
16	4	[ ] $\varnothing 2,1$	-	K1_d21_B
17	4	[ ] $\varnothing 2,1$	-	Z1_d21_B
18	2	(0)	DIN 985	M6
51	2	[ ]	ISO 7380	M6x45



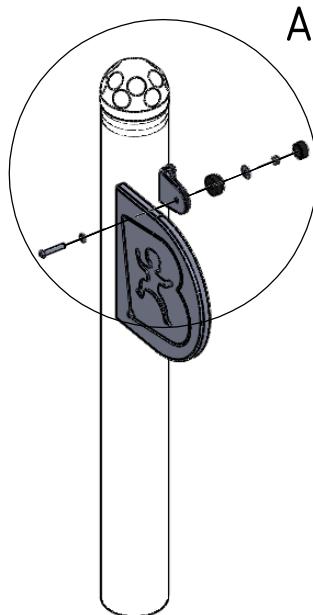
# INST\_11\_68C



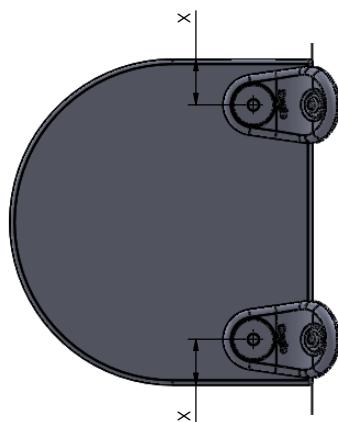
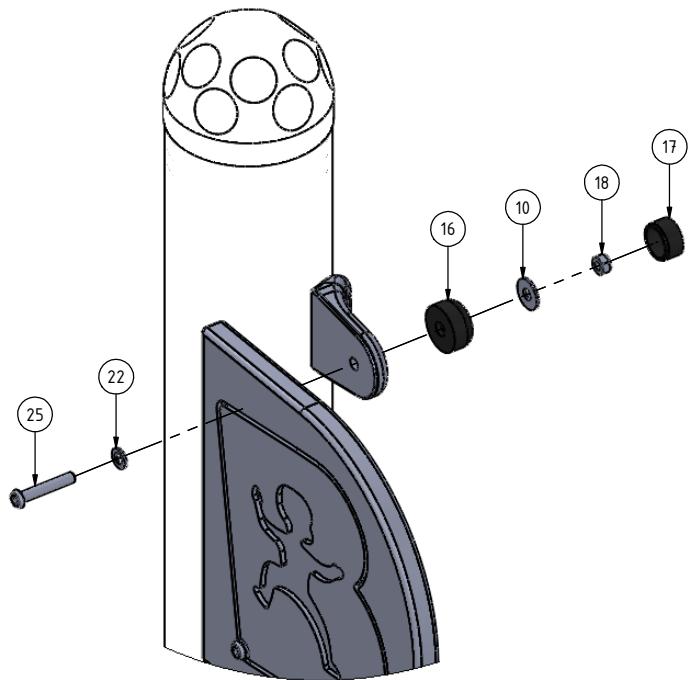
Nr	$\Sigma$	Element	DIN	ELEMENT
10	3	(0)	DIN 9021	6x18
16	3		-	K1_d21_B
17	3		-	Z1_d21_B
18	3	(0)	DIN 985	M6
25	3		ISO 7380	M6x35
22	3	(0)	DIN 125	6x12



# INST\_11\_68D

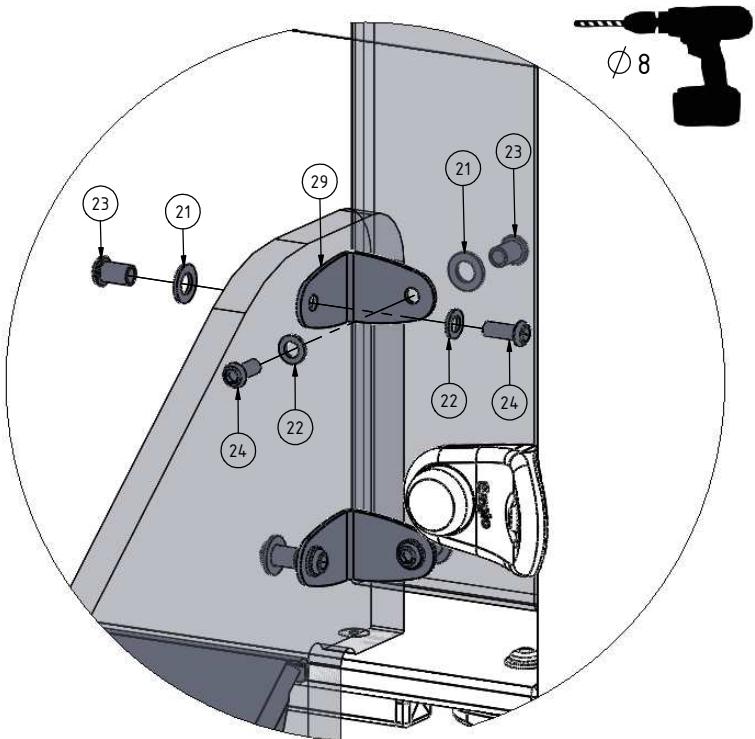


Nr	$\Sigma$	Element	DIN	ELEMENT
10	2	(O)	DIN 9021	6x18
16	2	[ ] $\varnothing 2,1$	-	K1_d21_B
17	2	[ ] $\varnothing 2,1$	-	Z1_d21_B
18	2	(O)	DIN 985	M6
25	2	[ ]	ISO 7380	M6x35
22	2	(O)	DIN 125	6x12

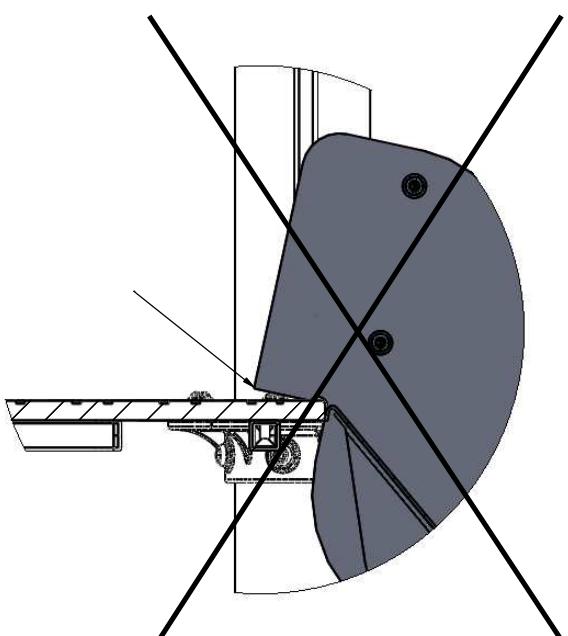
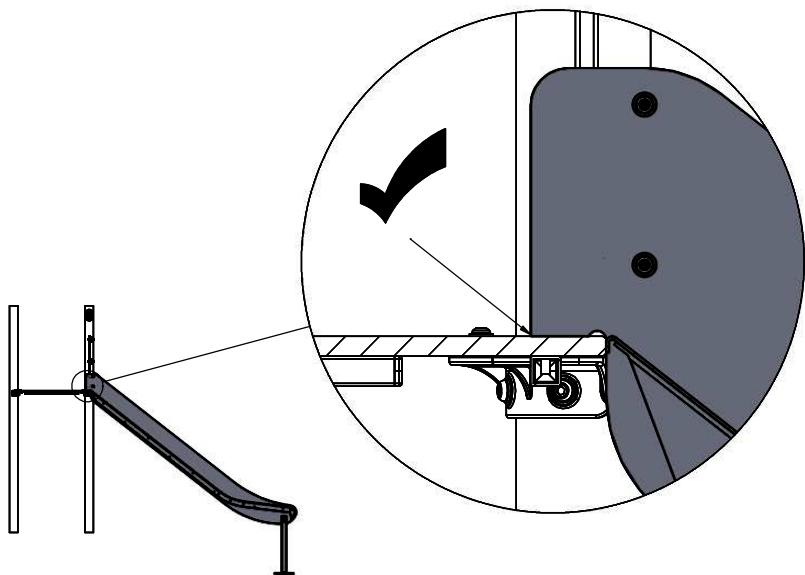
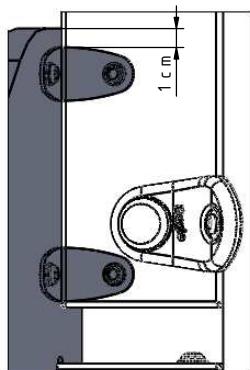
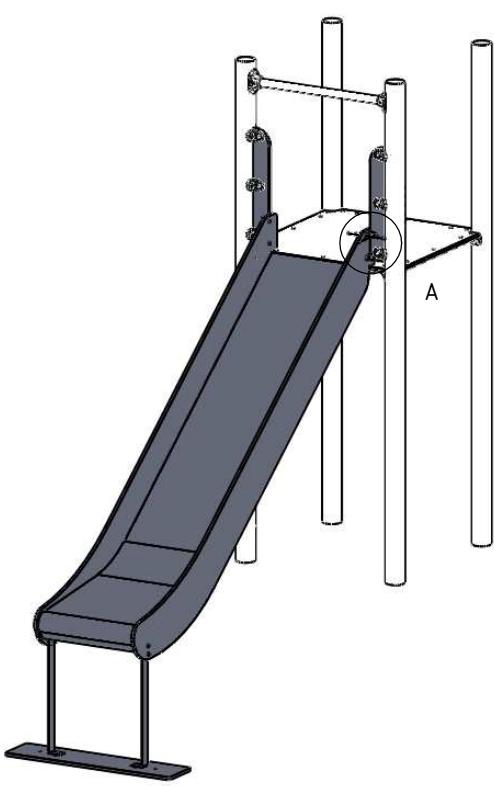


# INST\_11\_70

A (1 : 3)



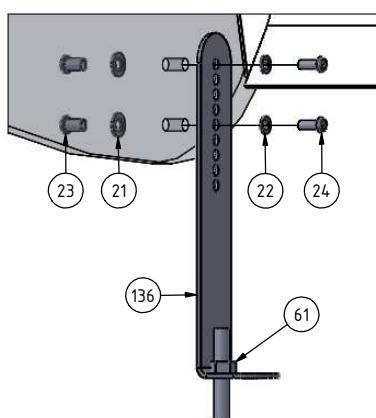
Nr	$\Sigma$	Element	DIN	ELEMENT
22	8	①	DIN 125	6x12
29	4	②	-	K_5_A2_g2_G_v2
23	8	③	-	M6x12
24	8	④	ISO 7380	M6x16
21	8	⑤	DIN 125	8x16



## F - SL150



D (1 : 5)



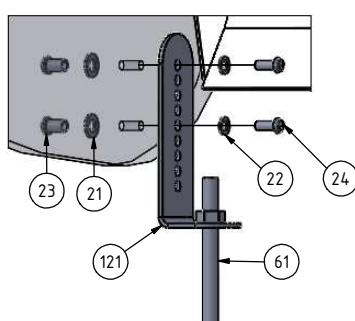
Nr	$\Sigma$	Element	DIN	ELEMENT
21	4	(O)	DIN 125	8x16
22	4	(O)	DIN 125	6x12
23	4	(B)	-	M6x12
24	4	(L)	ISO 7380	M6x16
61	2	(T)	-	KL105
136	2	(S)	-	1100_6_A2_g3_G_v1

## F - SL90, SL120, SL180

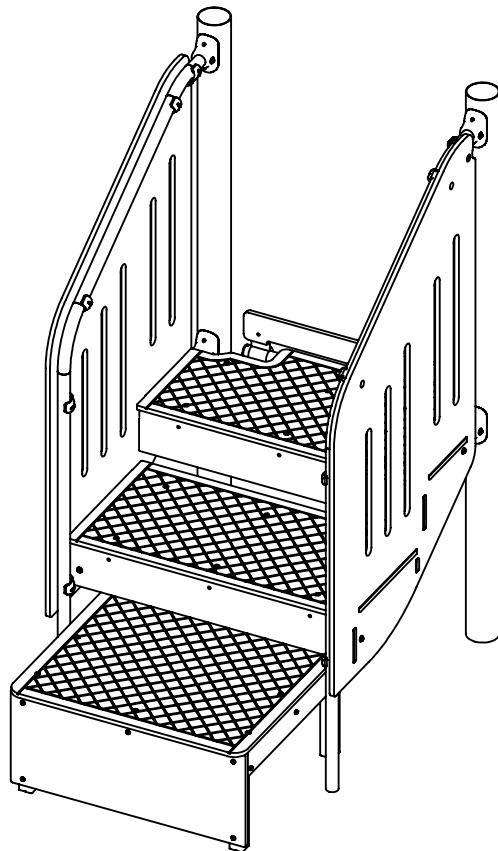


E (1 : 5)

Nr	$\Sigma$	Element	DIN	ELEMENT
21	4	(O)	DIN 125	8x16
22	4	(O)	DIN 125	6x12
23	4	(B)	-	M6x12
24	4	(L)	ISO 7380	M6x16
61	2	(T)	-	KL105
121	2	(S)	-	7100_5_A2_g3_G_v1

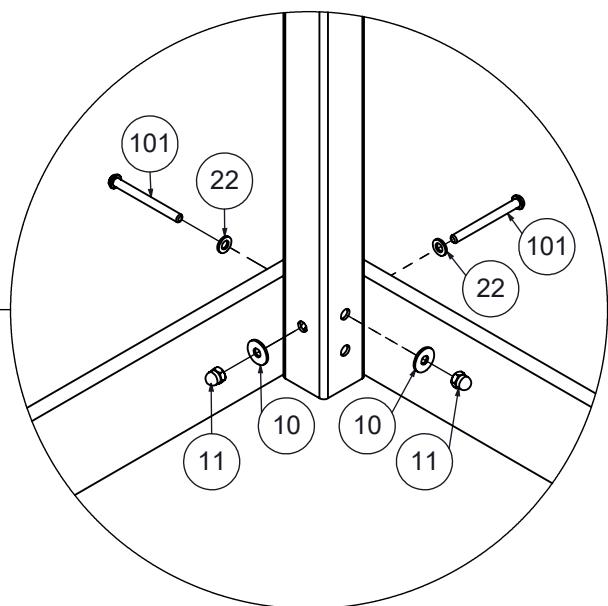
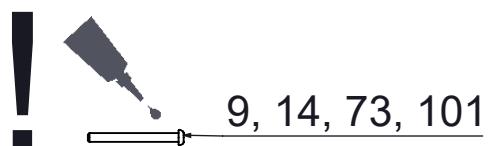
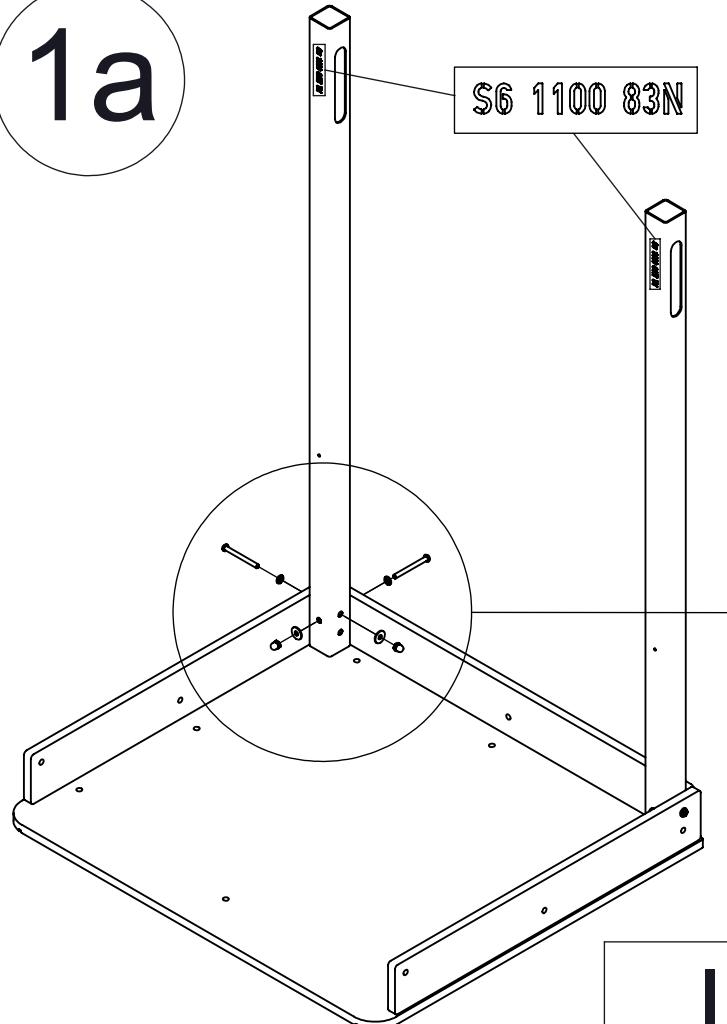


# INST\_11\_83



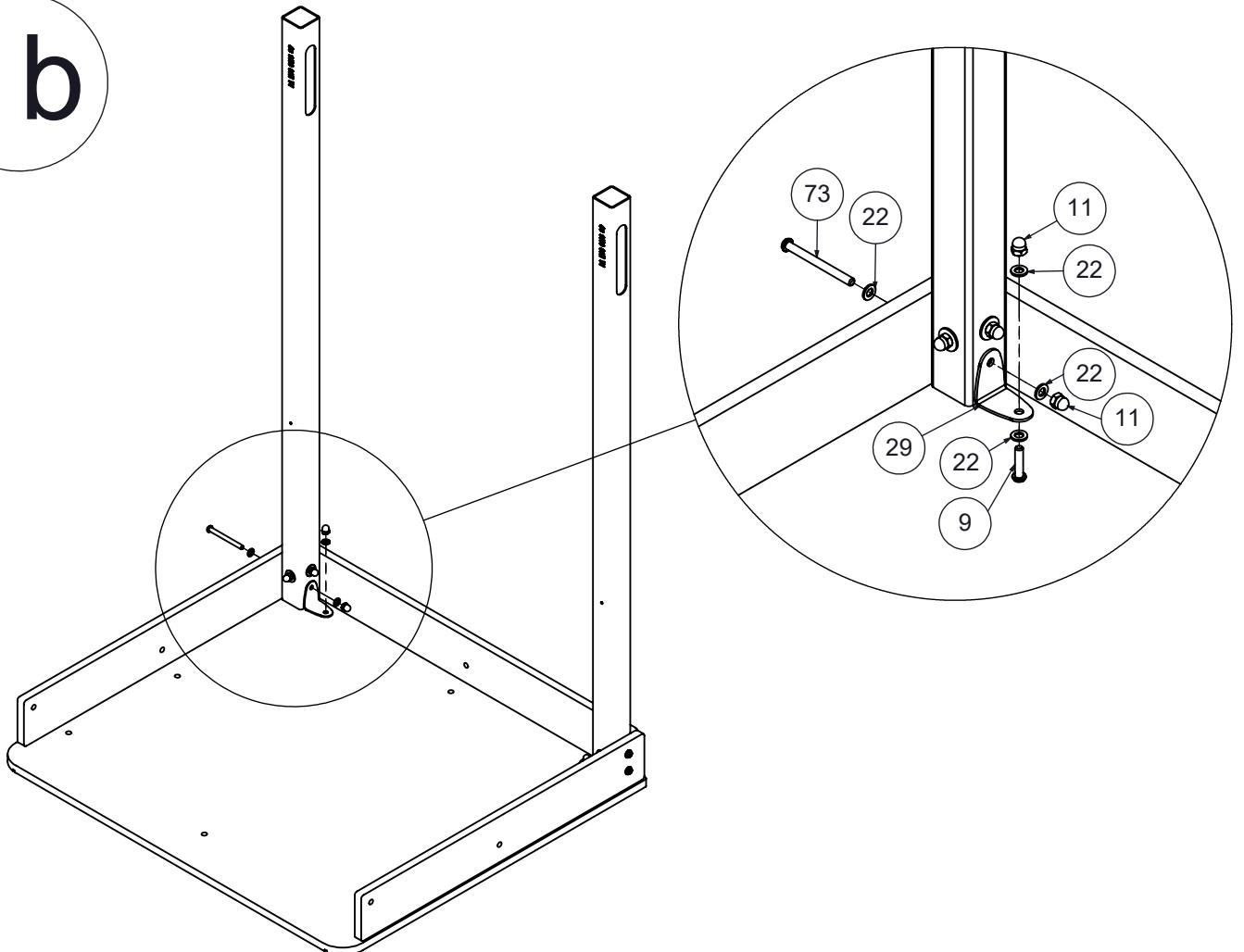
Nr	$\Sigma$	Element		
9	12		ISO 7380	M6x25
10	8		DIN 9021	6x18
11	24		DIN 1587	M6
14	4		ISO 7380	M6x12
21	6		DIN 125	8x16
22	46		DIN 125	6x12
24	2		ISO 7380	M6x16
29	10		-	K_5_A2_g2_G_v2
73	4		ISO 7380	M6x65
101	8		ISO 7380	M6x60
147	6		-	M6x10

1a

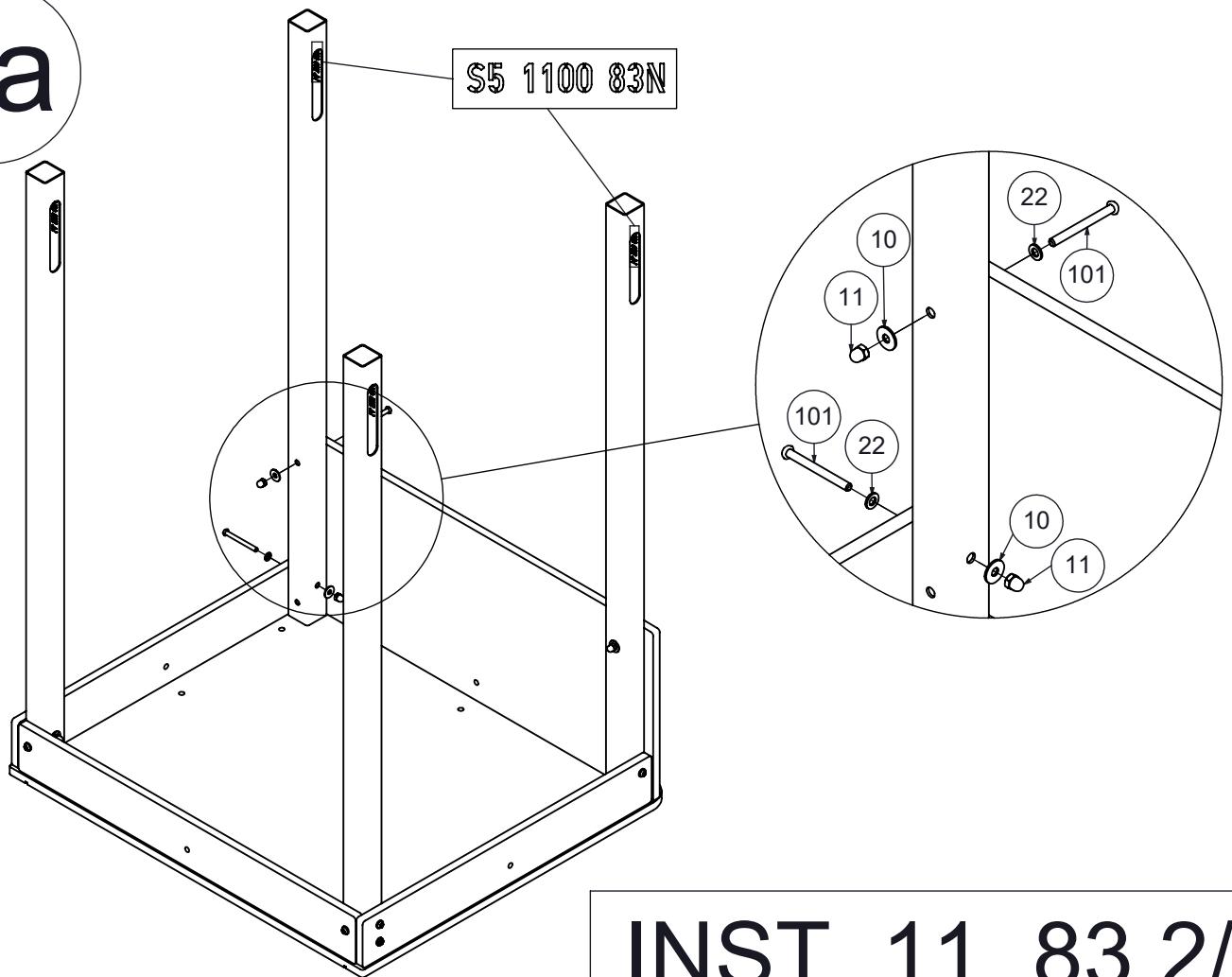


INST\_11\_83 1/5

**1b**

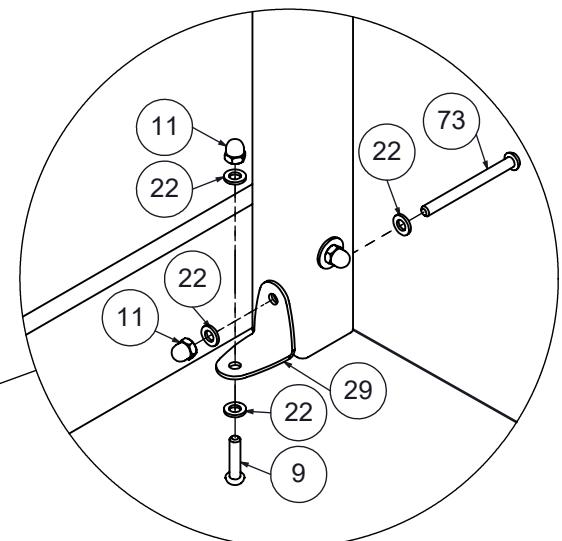
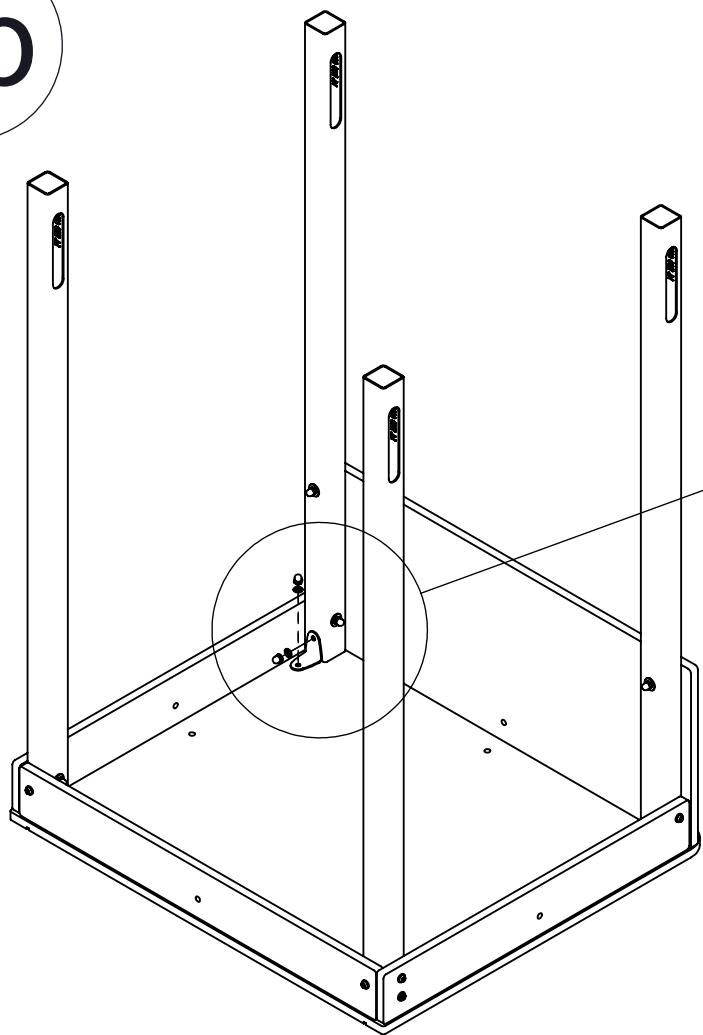


**2a**

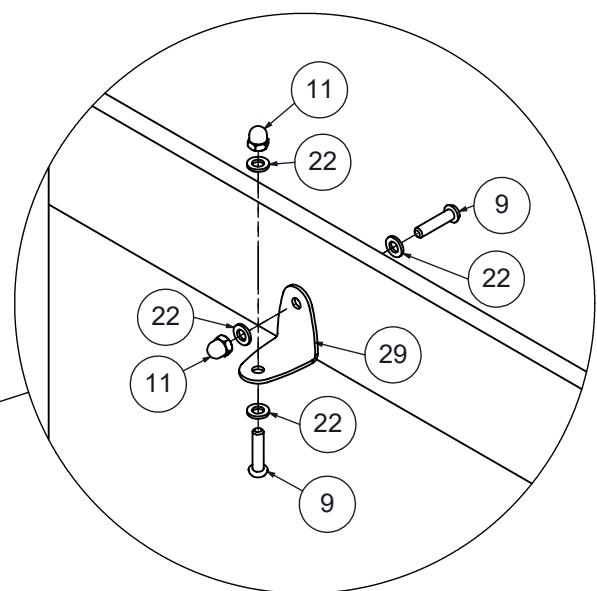
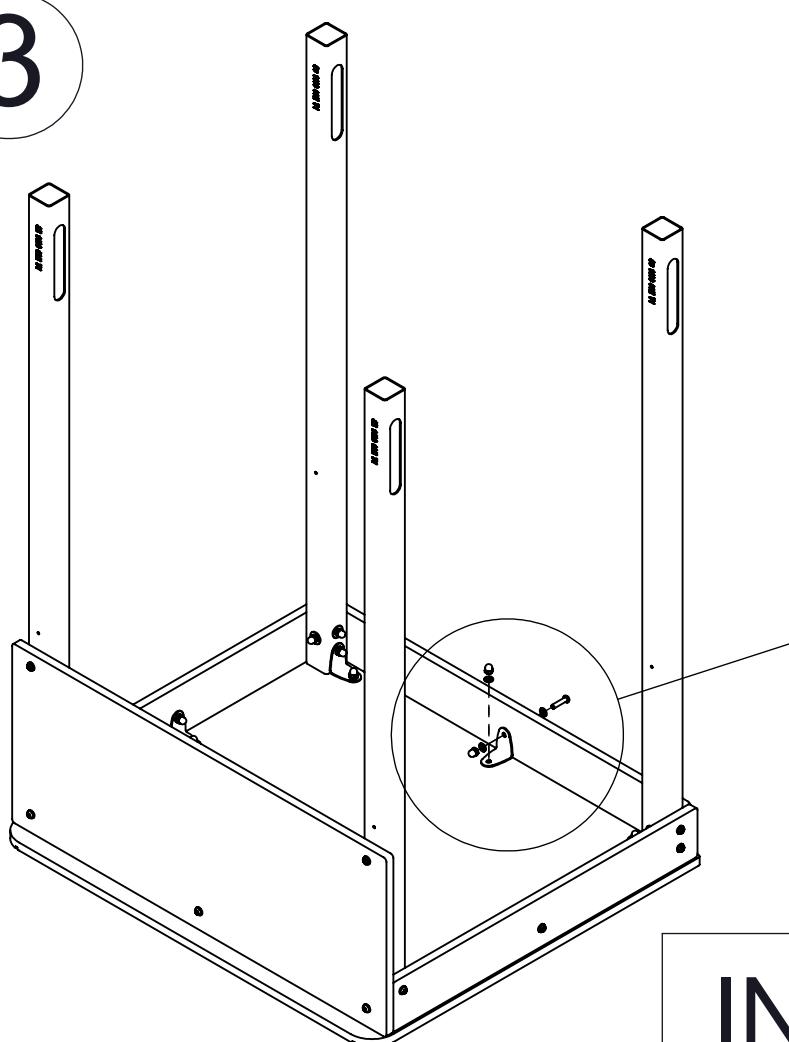


**INST\_11\_83 2/5**

**2b**

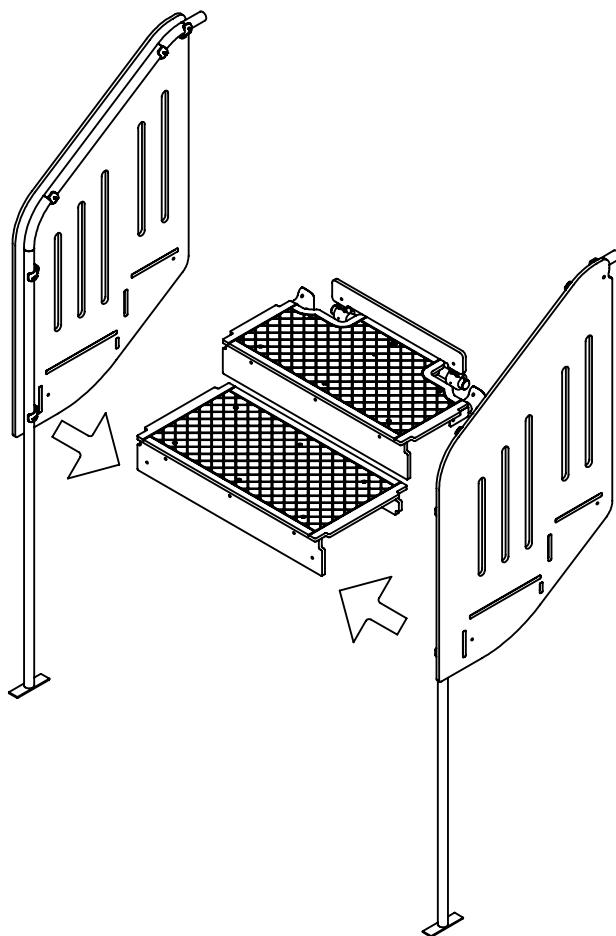


**3**

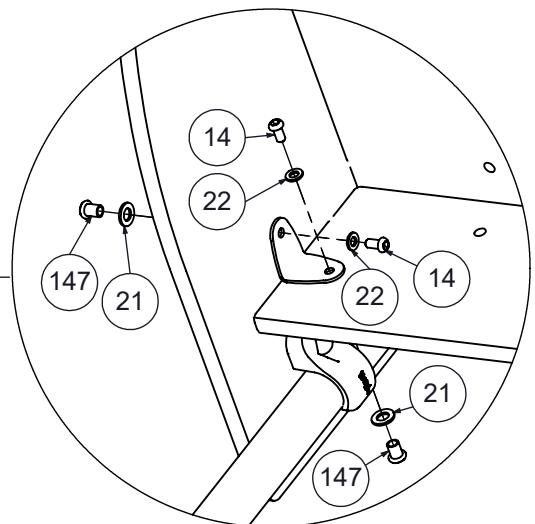
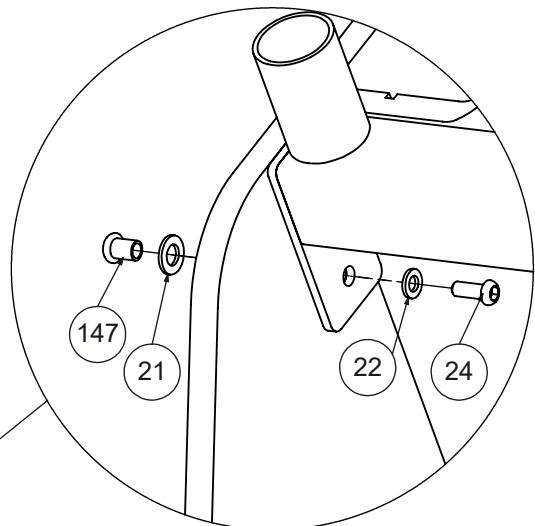
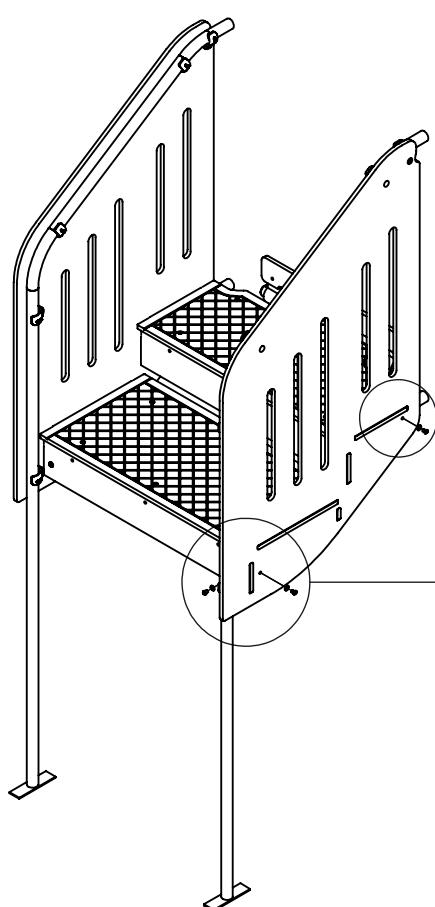


**INST\_11\_83 3/5**

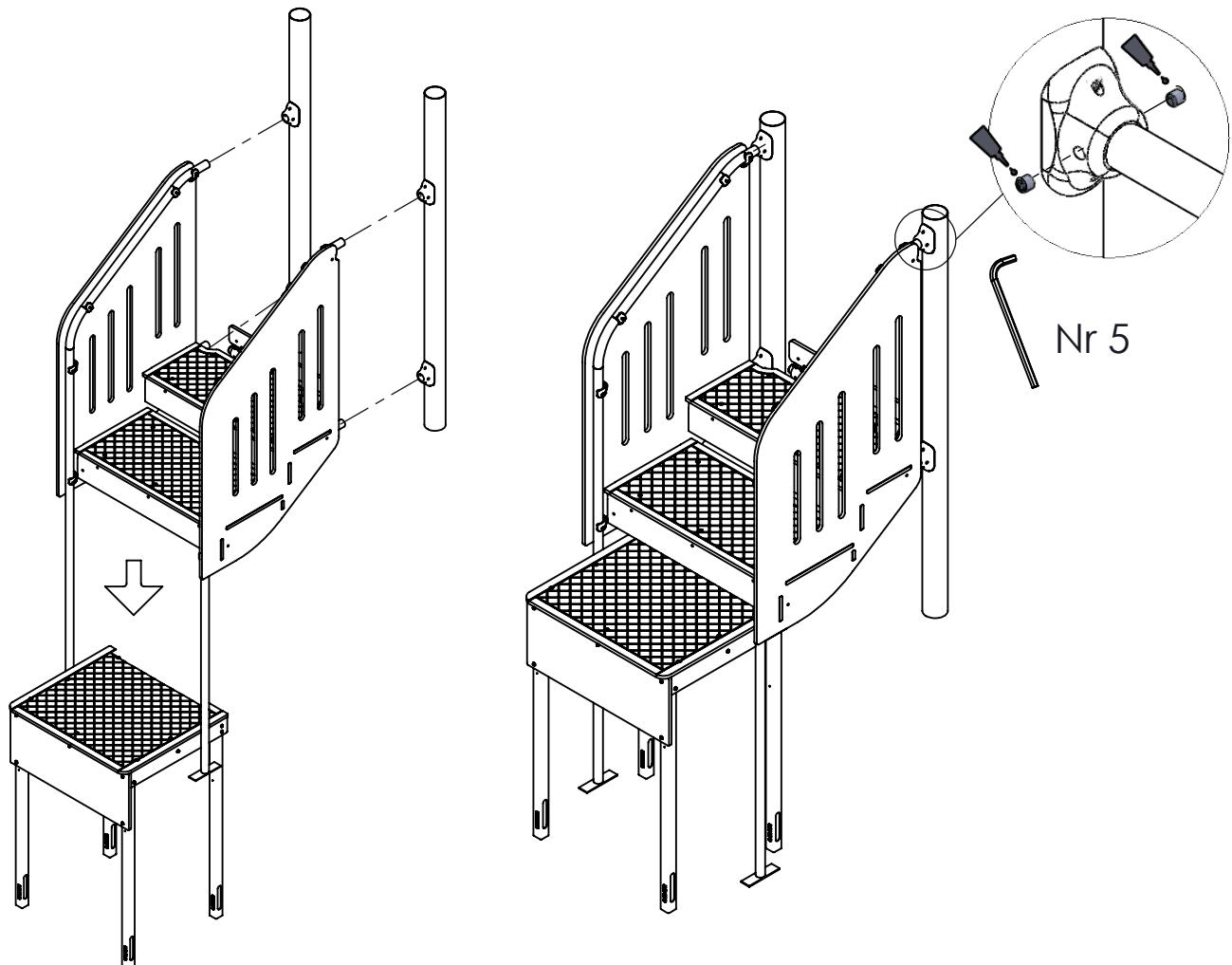
4



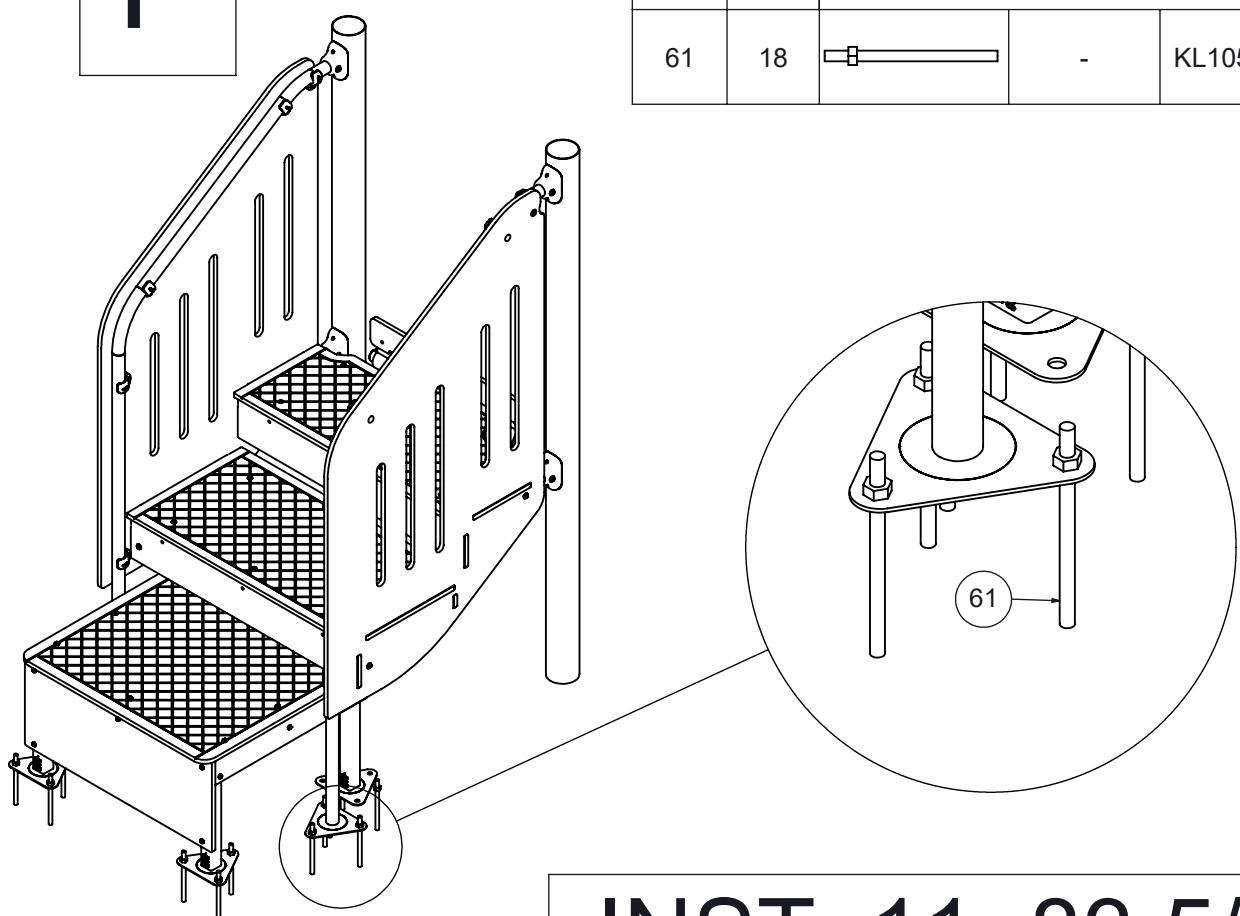
5



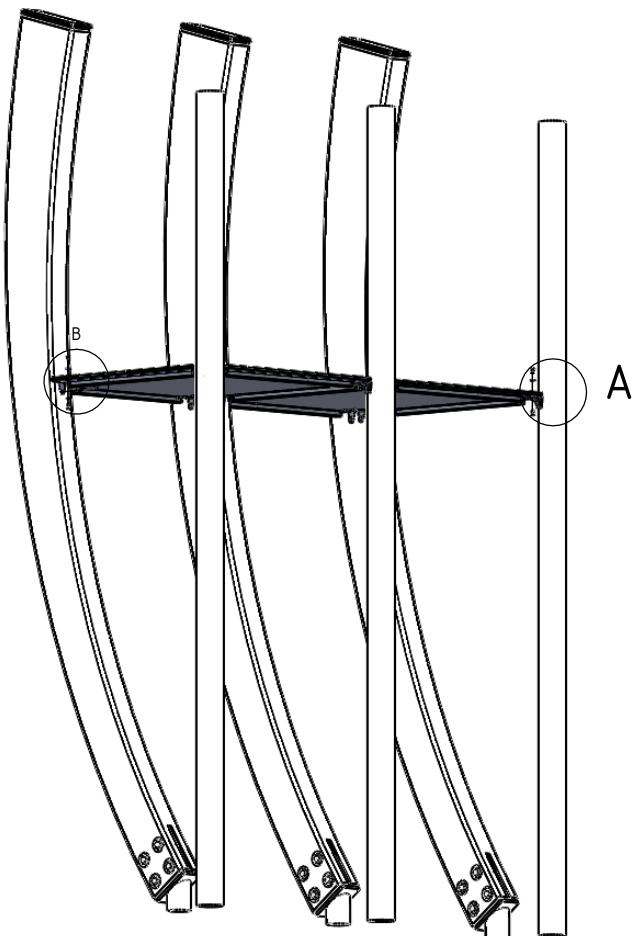
INST\_11\_83 4/5

**6****7****F**

Nr	$\Sigma$	Element		
61	18		-	KL105 (OC)

**INST\_11\_83 5/5**

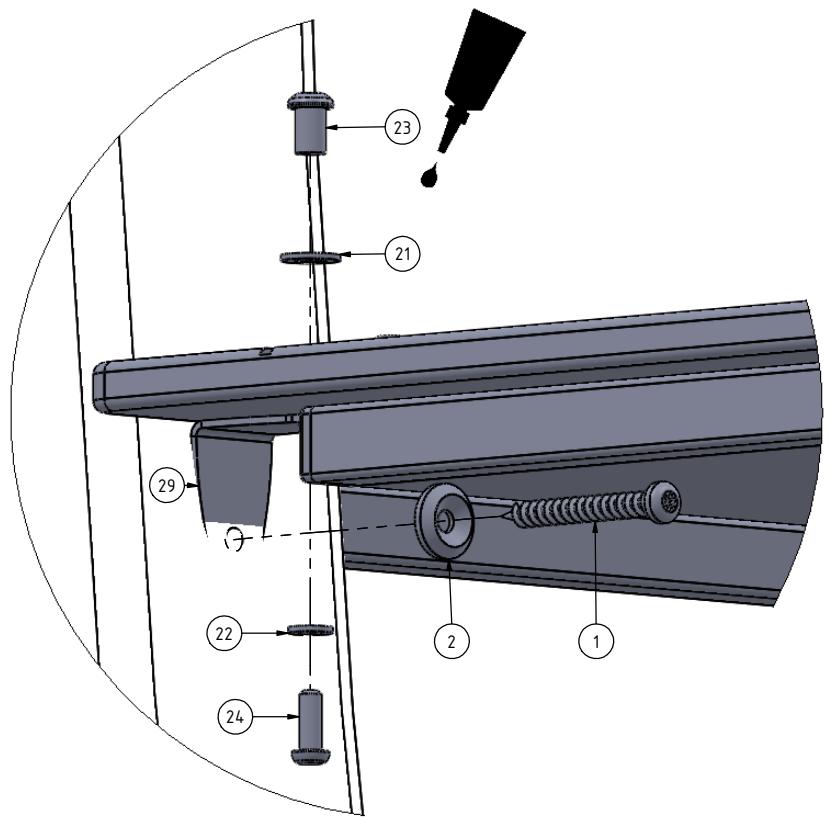
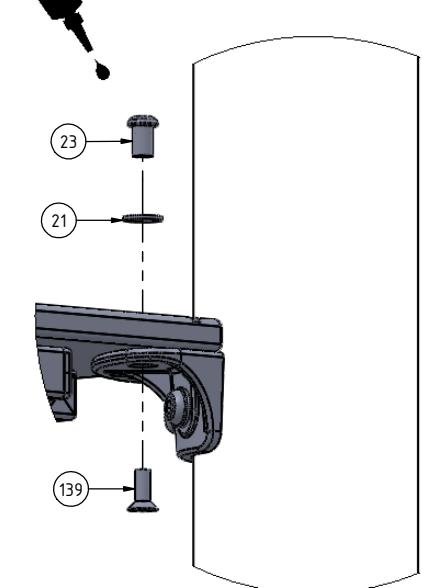
# INST\_11\_95



Nr	$\Sigma$	Element	DIN	ELEMENT
1	11	(1)	-	S6x60
2	11	(2)	-	W6x60
21	19	(1)	DIN 125	8x16
22	11	(1)	DIN 125	6x12
23	19	(1)	-	M6x12
24	11	(1)	ISO 7380	M6x16
29	11	(1)	-	K_5_A2_g2_G_v2
139	8	(1)	DIN 7991	M6x16

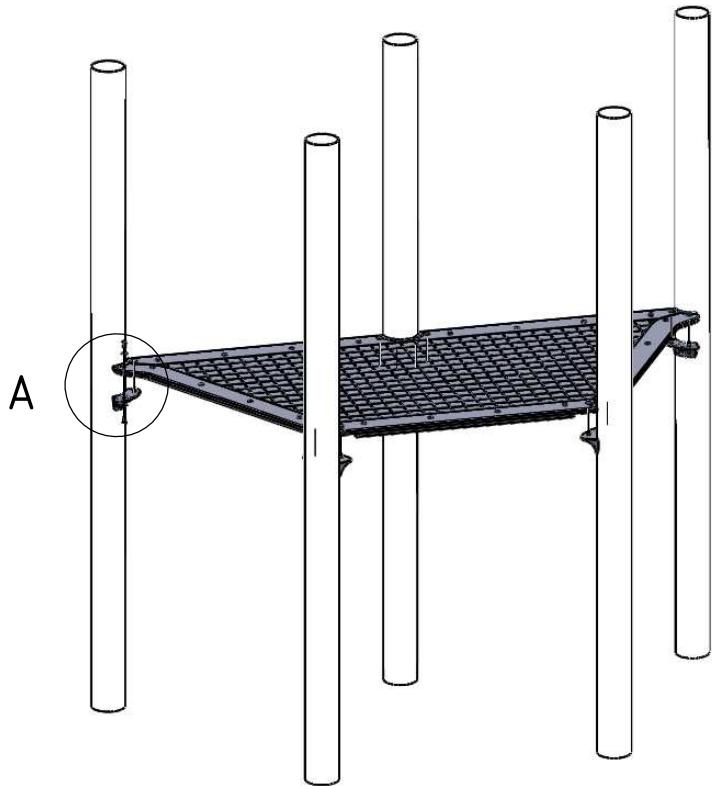
B (1 : 2)

A (1 : 3)

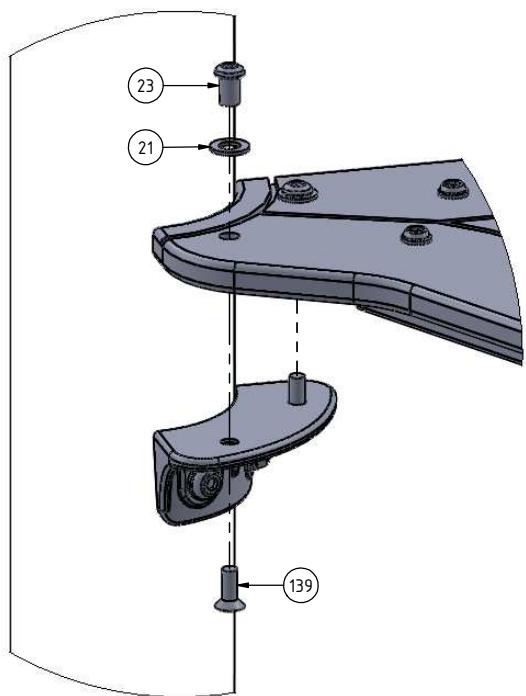


# INST\_11\_98

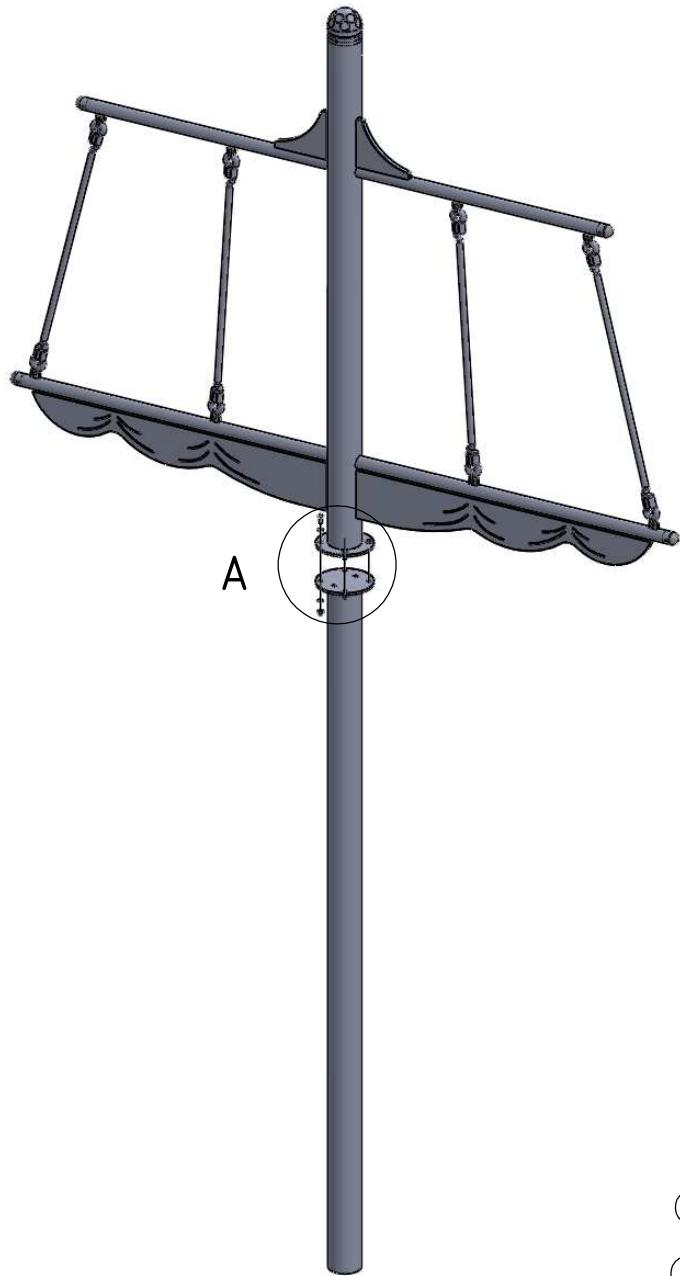
Nr	$\Sigma$	Element	DIN	ELEMENT
21	12	Ø	DIN 125	8x16
139	12	□	DIN 7991	M6x16
23	12	●	-	M6x12



A (1 : 3)

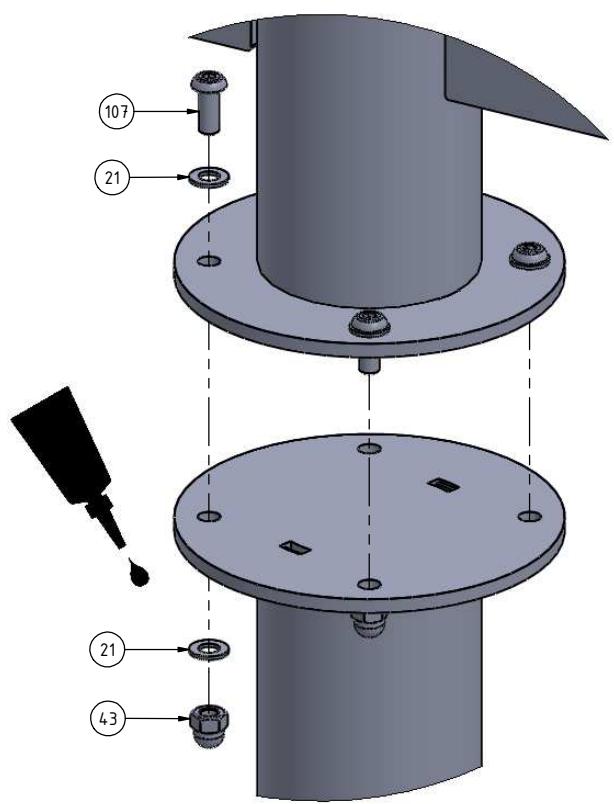


**INST\_11\_99**



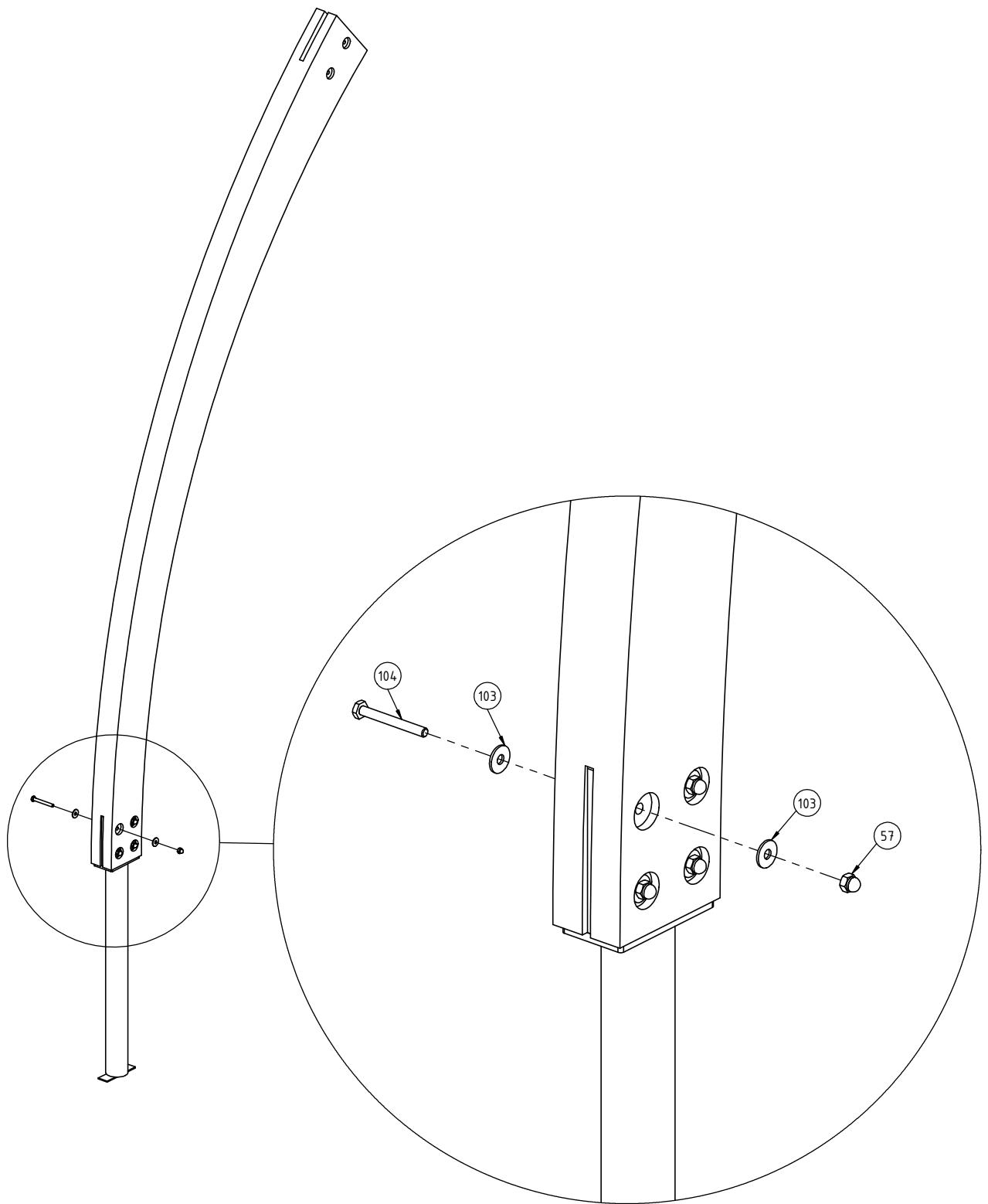
Nr	$\Sigma$	Element	DIN	ELEMENT
21	8	O	DIN 125	8x16
43	4	Nut	DIN 1587	M8
107	4	Bolt	ISO 7380	M8x20

A (1 : 3)



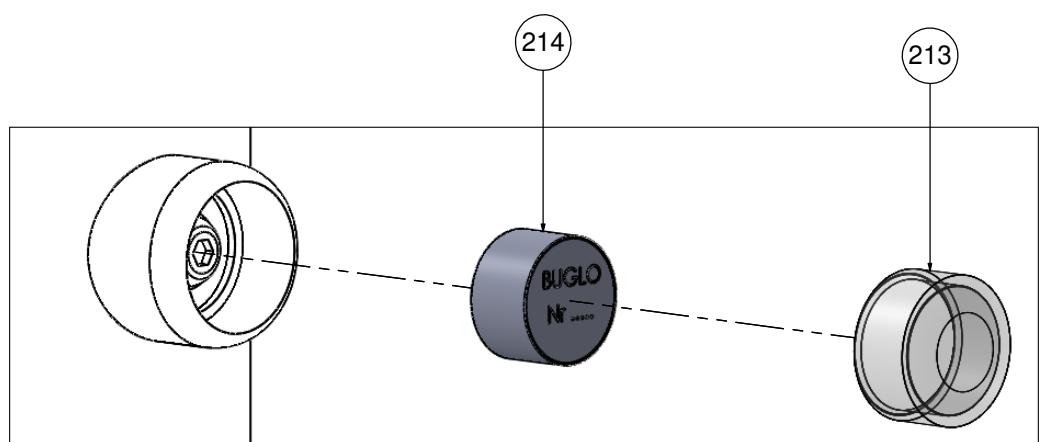
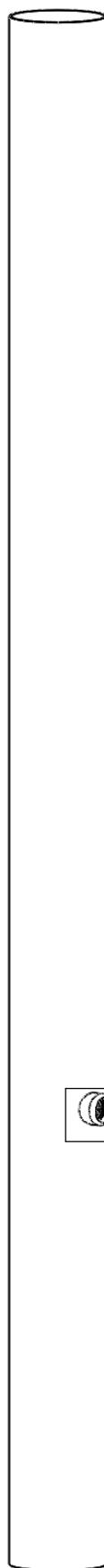
# INST\_80\_118

Nr:	$\Sigma$	Element:	
57	x4		DIN 1587 M10
103	x8		DIN 9021 M10
104	x4		DIN 931 M10x85



# INST\_Z\_1

Nr	$\Sigma$	Element		
213	1	(O)	-	Z_NA_1
214	1	(BUGLO Nr -)	-	Z_NA_2



# Tuotteen huolto-ohje

Leikkikenttävälineemme täyttää EN-1176-1 : 2017- 12 -standardin turvallisuusvaatimukset.

On suotavaa ottaa yhteyttä tuotteen valmistajaan liittyen takuun alla olevien osien huoltotöihin. Vahingoittuneet maalipinnat tulee puhdistaa pölystä, rasvasta ja ruosteesta. Tämän jälkeen puhdistettu pinta tulee peittää ruostumattomalla pohjamaalilla ja sitten maalata kahdesti teräspinnoille tarkoitettulla maalilla.

LeikkiSet Oy:n käyttämät väriyhdistelmät:

- 1) Harmaa - RAL 7035
- 2) Keltainen - RAL 1003
- 3) Sininen - RAL 5015
- 4) Punainen - RAL 3000
- 5) Vihreä - RAL 6018
- 6) Musta - RAL 9005
- 7) Violetti - RAL 4008
- 8) Antrasiitti - RAL 7016
- 9) Hopea - RAL 9006
- 10) Beige - RAL 1019
- 11) Oranssi - RAL 2009

Puu vaatii säännöllistä huolenpitoa. Ilmasto-olosuhteista, käyttöasteesta ja mekaanisista vaurioista riippuen on suositeltavaa uudistaa kyllästyskerros 2 - 5 vuoden kuluttua.

Suosittelemme käyttämään tuotteita: GORI 356 puunsuoja-ainetta ja NORDICA EKO 3330-12-BASE T pintamaalia (väri 1806), nämä löydät sivustolta [www.teknos.com](http://www.teknos.com).

Suositeltavaa on, että osat jotka ovat ruostumatonta terästä puhdistetaan kerran vuodessa, jotta epäpuhtaudet eivät aiheuta värimuutoksia teräksen. Pese puuvillaliinoilla ja veteen liuotetulla miedolla pesuaineella, esim. astianpesuaine. Puhdistuksen jälkeen huuhtele vedellä ja pyyhi kuivaksi.

HUOMIO! Ruostumattoman teräksen puhdistukseen käytettävät puhdistusaineet eivät saa sisältää: klooria, suolaa, happoa tai valkaisuaineita. Jo pieni määrä näitä aineita voi aiheuttaa kromioksidipinnan pysyviä vaurioita

- 1) Kausittainen tarkastus - kun väline on aktiivisessa käytössä, tulee sen kunto tarkastaa viikoittain tai useammin. Samalla tulee tarkistaa mahdolliset välineeseen kohdistuneet ilkivallan teot.

Kausittainen tarkastus pitää sisällään:

- Rakenteiden vakauden tarkistaminen
- Yleinen tarkastus osien puuttumisen varalta
- Tarkistaminen halkeamien, terävien reunojen ja muiden vaurioiden varalta
- Välineen ympäristön siisteyks
- Mahdollisen turva-alustan kunnon tarkistaminen

- 2) Välineen sisäinen valvonta - tulee suorittaa kerran kolmessa kuukaudessa. Se pitää sisällään yleistarkastuksen, minkä lisäksi tulee tarkistaa myös välineen toiminnot.

Sisäinen valvonta pitää sisällään:

- Mahdollisen turva-alueen pinnan tarkistaminen ja mittaaminen (jos pinta on yli 10cm alle oikean tason, pitää sitä täydentää)
- Kaikki ruuvit ja mahdolliset kaapelit sekä verkot tulee kiristää

### 3) Vuositarkastus (pakollinen)

- Rakenteiden vakauden tarkistaminen
- Mahdollisten ruostevaurioiden tarkastaminen ja korjaaminen
- Perustusten tarkistaminen
- Mahdollisen turva-alueen pinnan tarkistaminen ja mittaaminen (Jos pinta on yli 10cm alle oikean tason, pitää sitä täydentää)

Kaikilla laitteilla on oltava säännöllinen tarkastusvalvonta. Tarkastuksen tekijän tulee kirjata tiedot tarkastuksesta ylös.