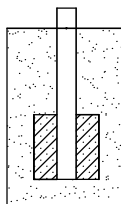
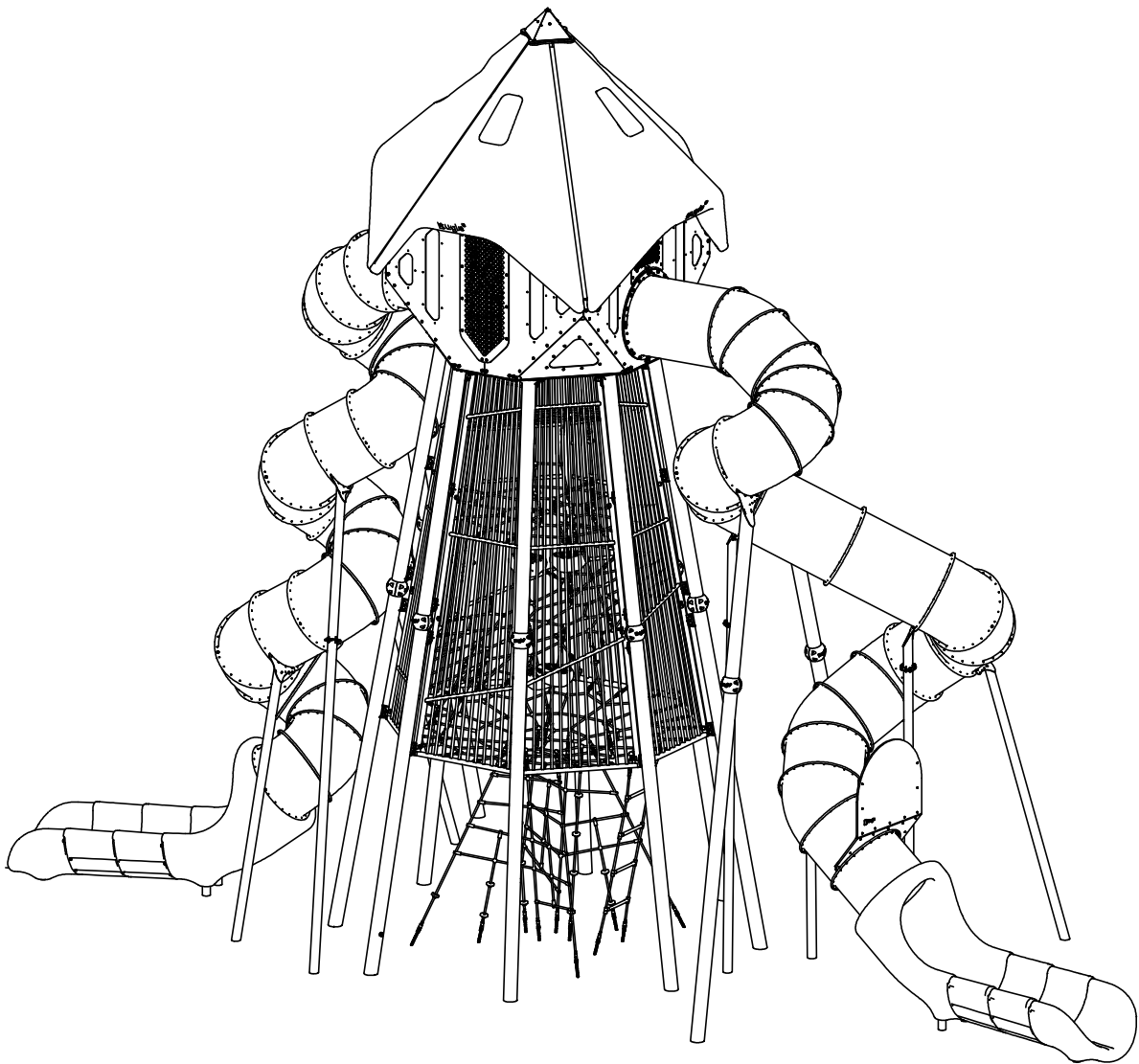
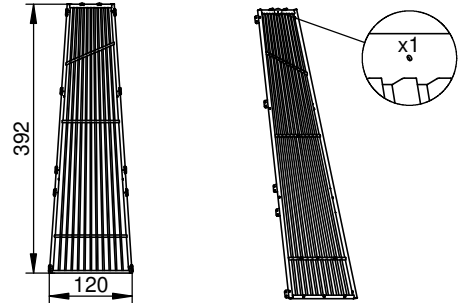
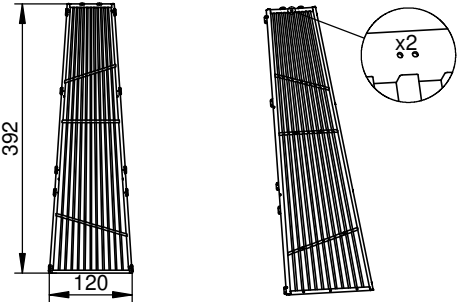
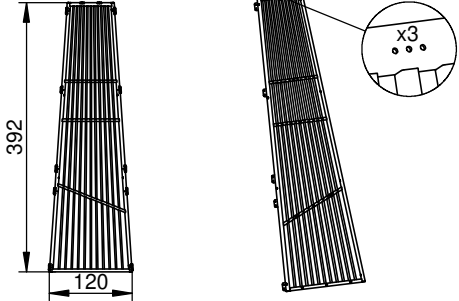
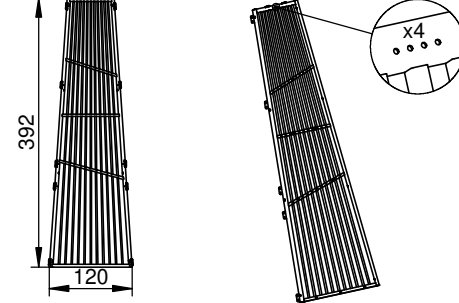
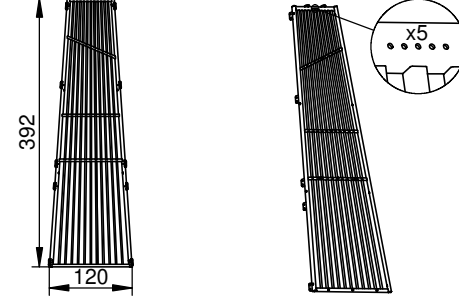
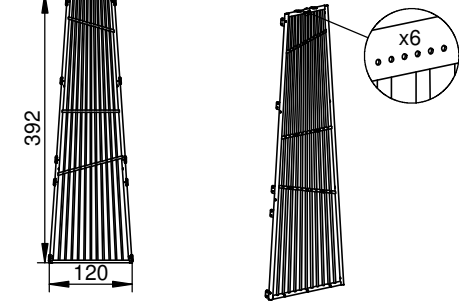
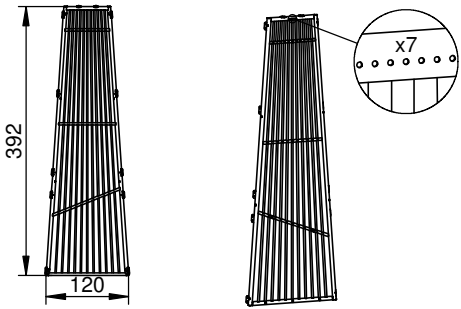
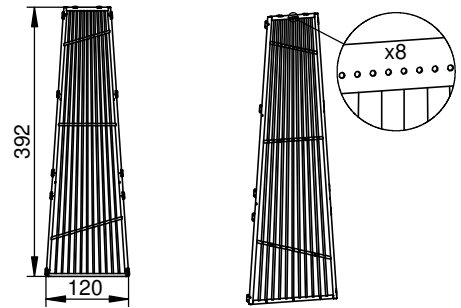
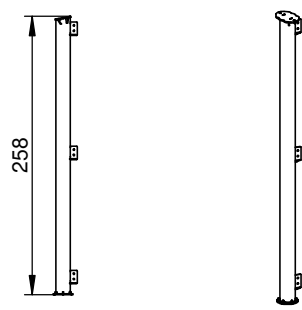
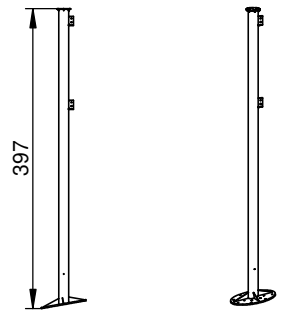
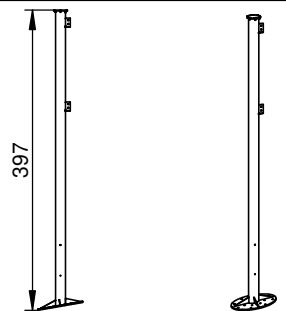
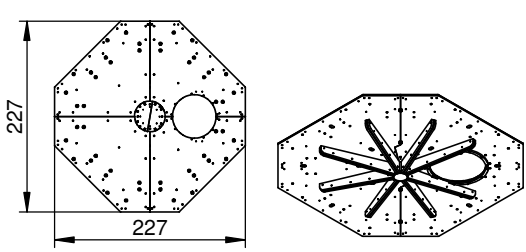


1431



1431N

NR	ELEMENT	1431N
E1		1
E2		1
E3		1
E4		1
E5		1
E6		1

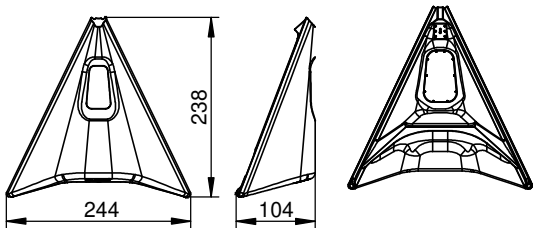
NR	ELEMENT	1431N
E7		1
E8		1
E9		8
E10		7
E11		1
E12		1

NR

ELEMENT

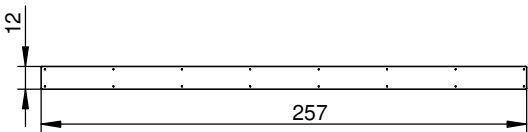
1431N

E13



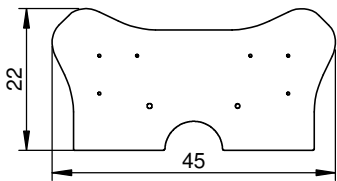
4

E14



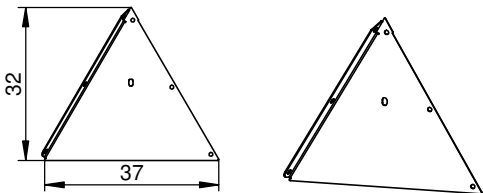
4

E15



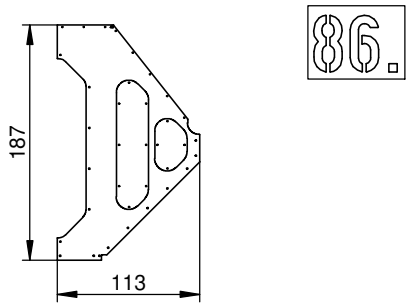
4

E16



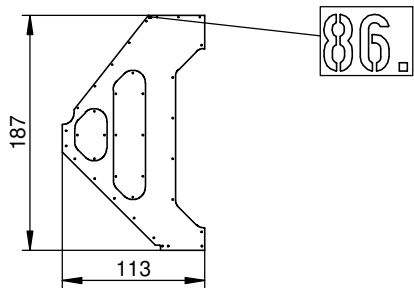
4

E17



2

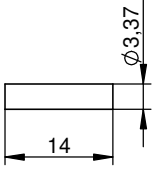
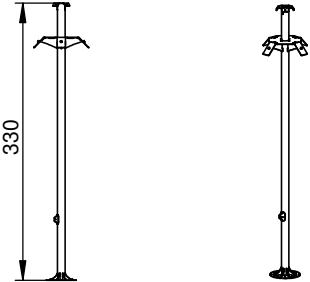
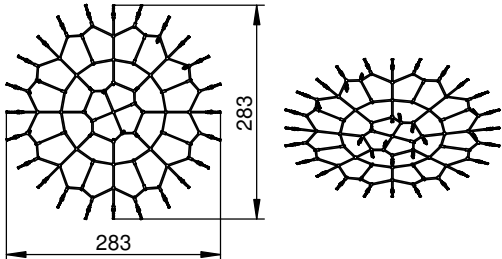
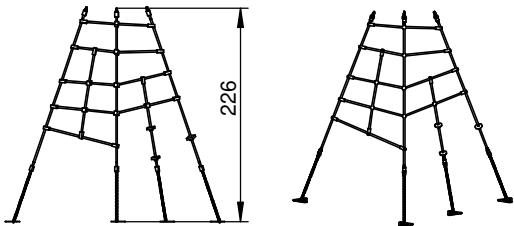
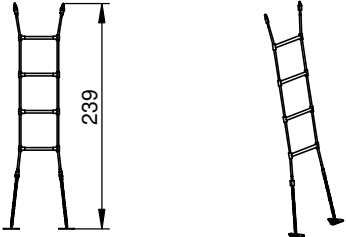
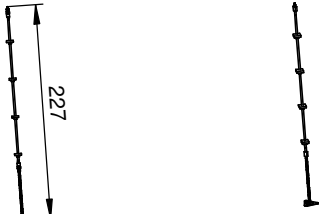
E18



2

NR	ELEMENT	1431N
E19		2
E20		12
E21		4
E22		4
E23		4
E24		2

NR	ELEMENT	1431N
E25		2
E26		2
E27		8
E28		16
E29		1
E30		3

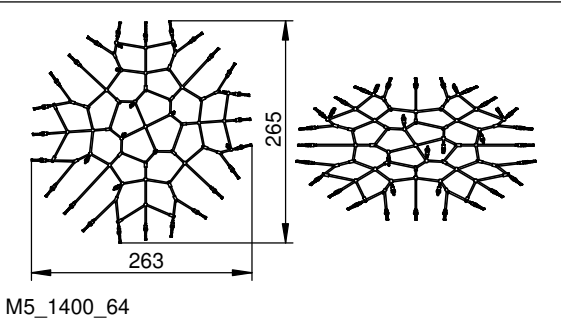
NR	ELEMENT	1431N
E31		1
E32		1
E33	 <p>M1_1400_64</p>	1
E34	 <p>M2_1400_64</p>	2
E35	 <p>M3_1400_64F40</p>	1
E36	 <p>M4_1400_64F40</p>	2

NR

ELEMENT

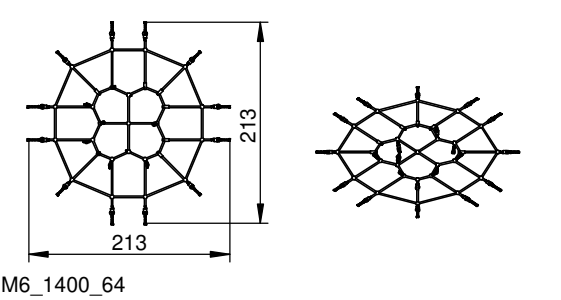
1431N

E37



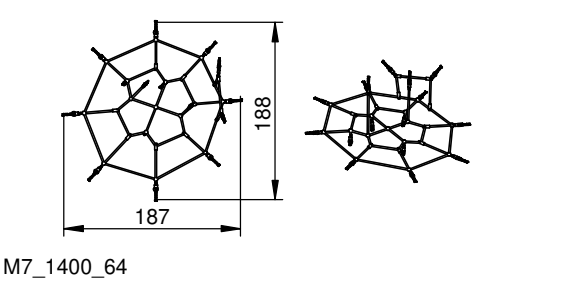
1

E38



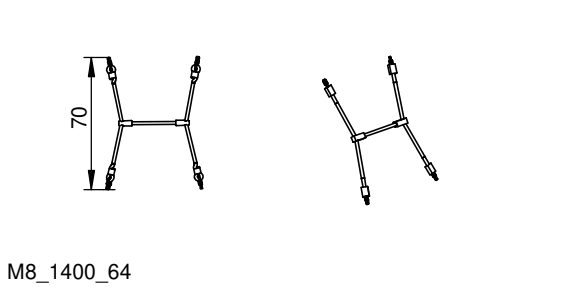
1

E39



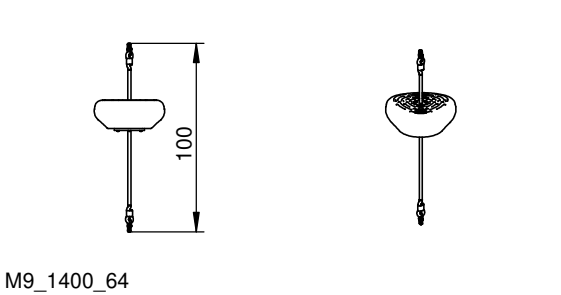
1

E40



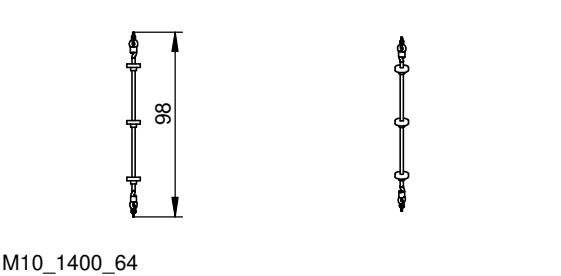
1

E41

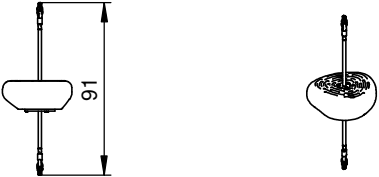
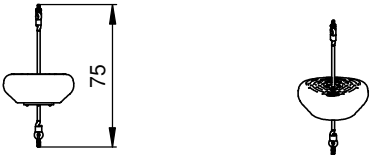
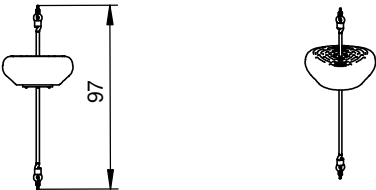
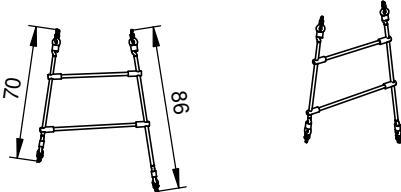
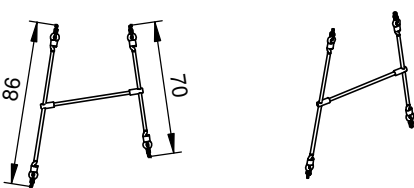
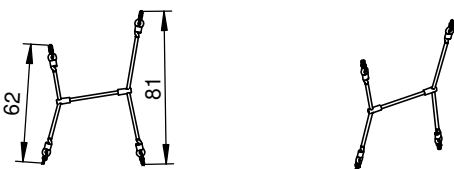


1

E42

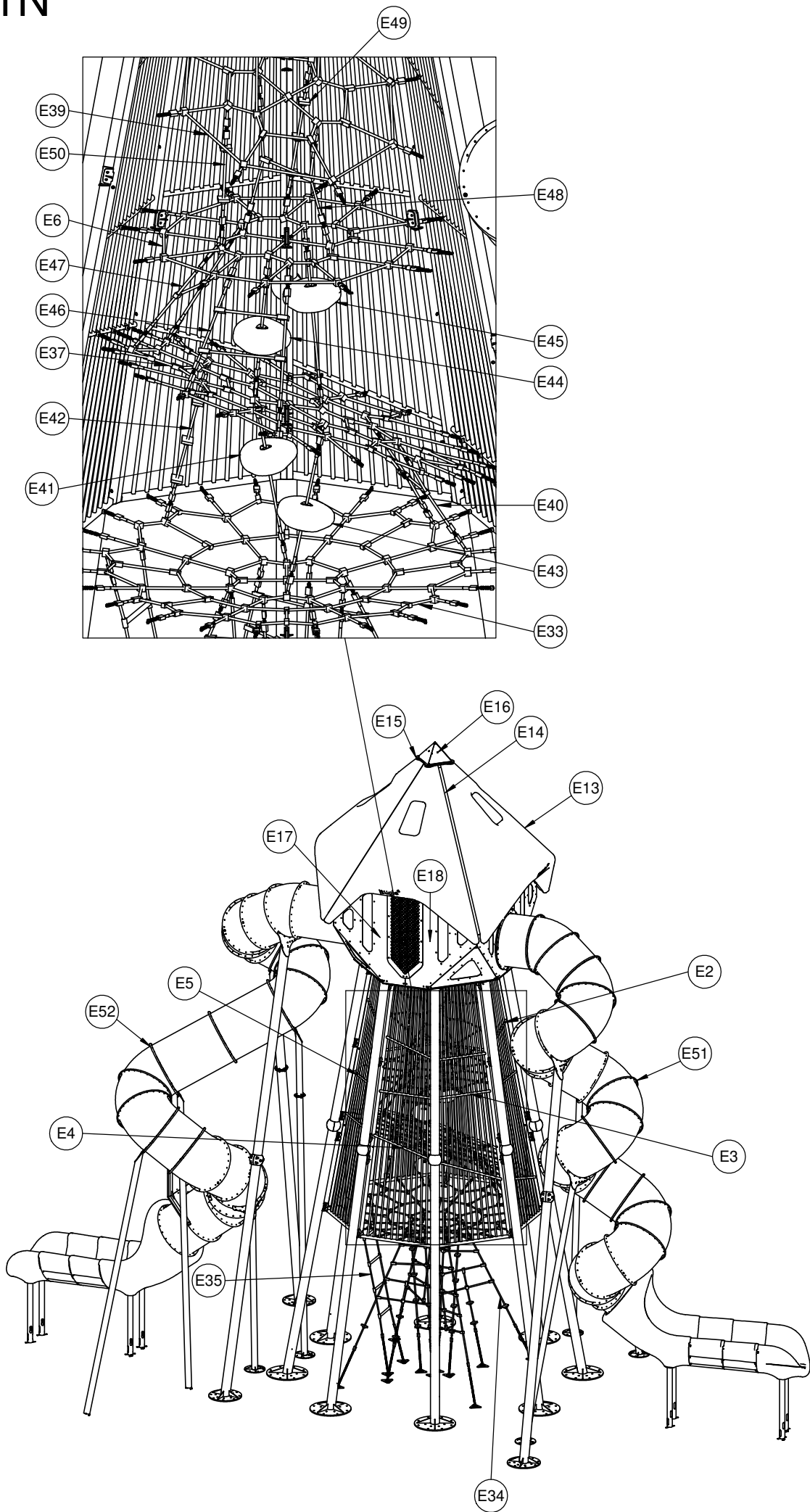


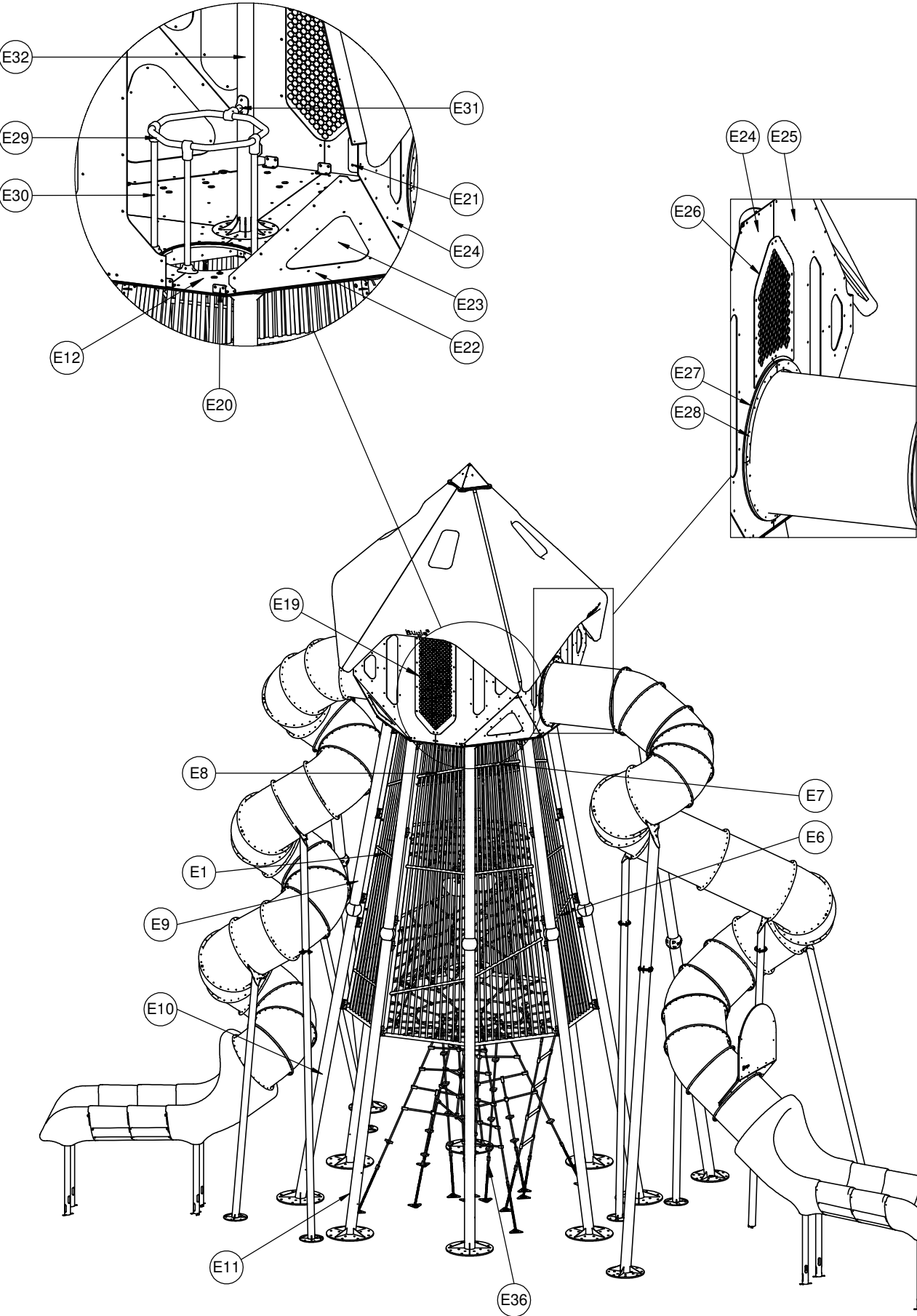
1

NR	ELEMENT	1431N
E43	 <p>M11_1400_64</p>	1
E44	 <p>M12_1400_64</p>	1
E45	 <p>M13_1400_64</p>	1
E46	 <p>M14_1400_64</p>	1
E47	 <p>M15_1400_64</p>	1
E48	 <p>M16_1400_64</p>	1

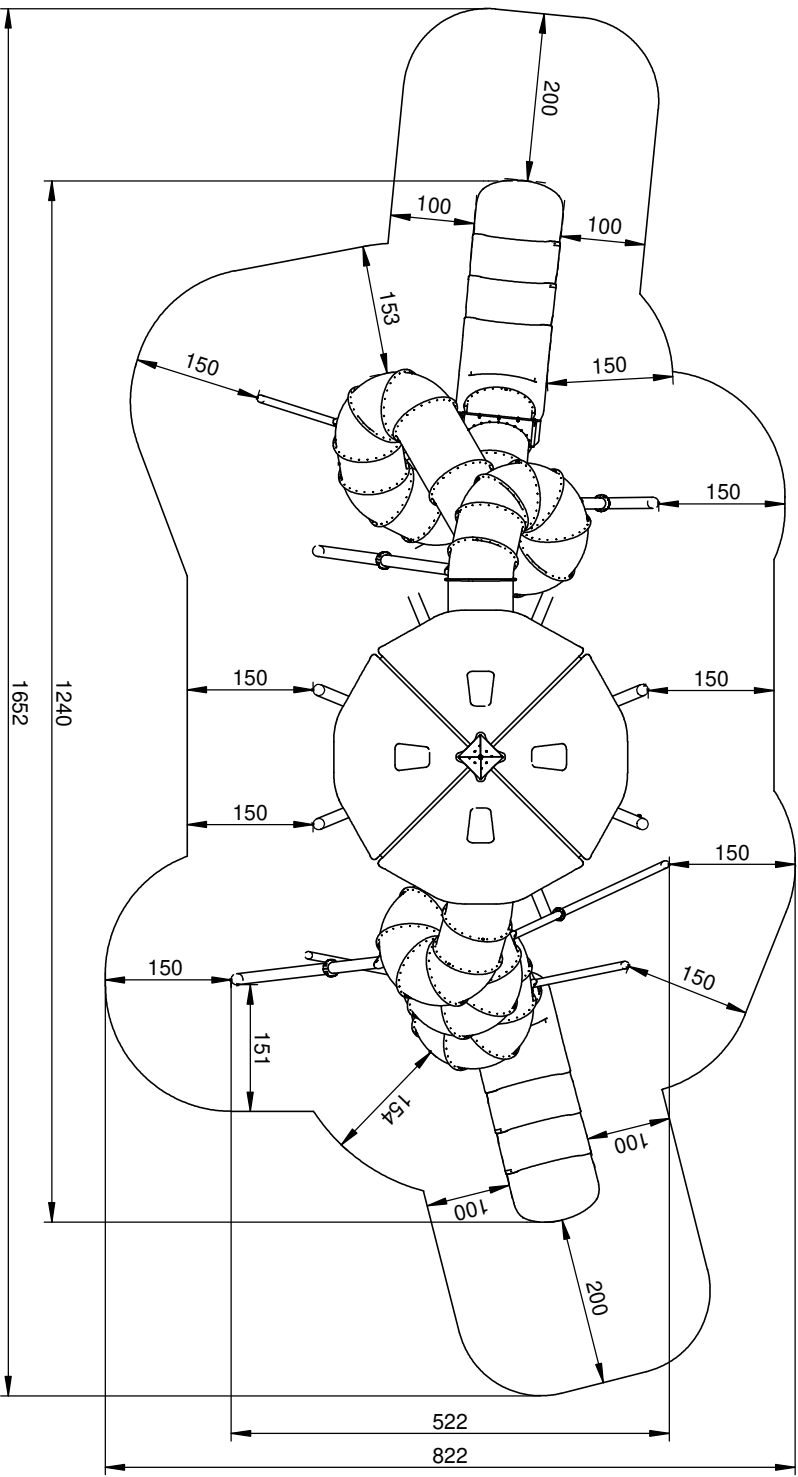
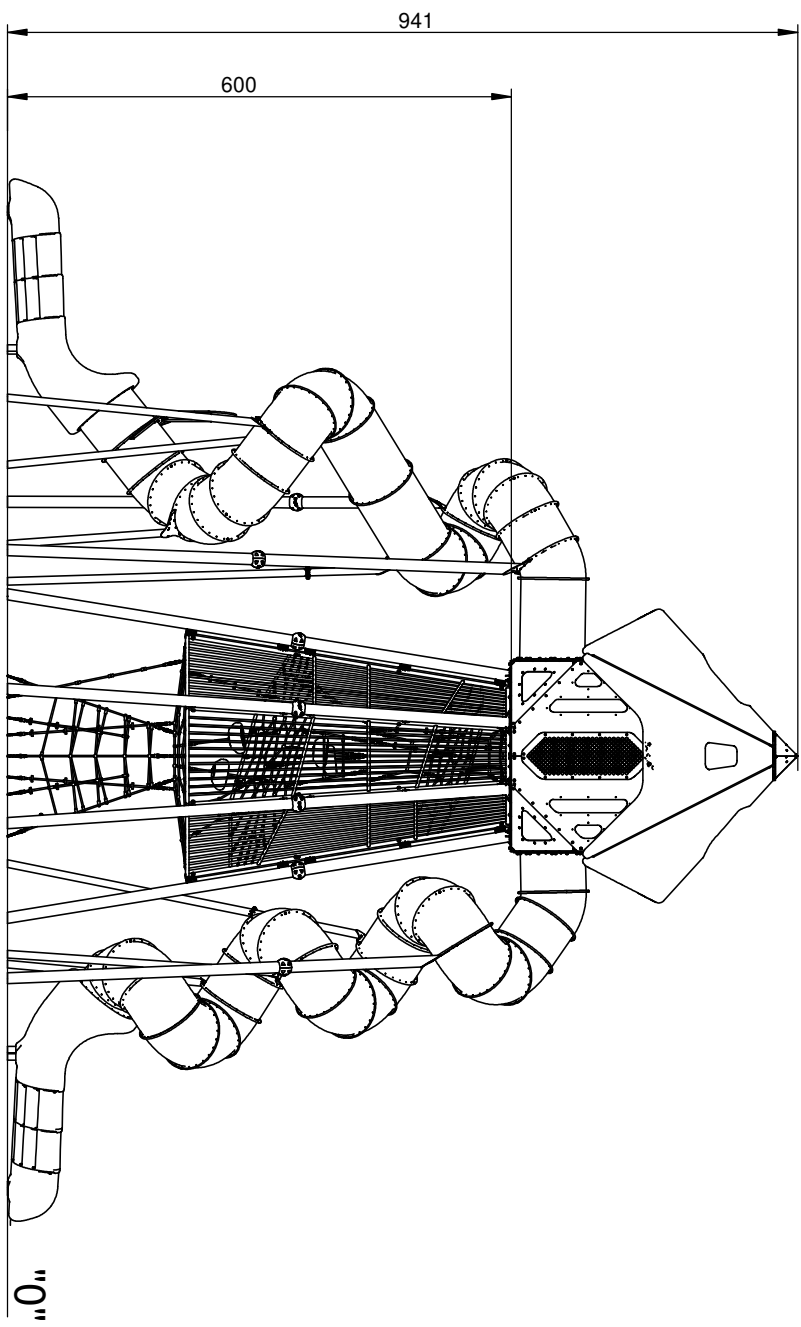
NR	ELEMENT	1431N
E49	 <p>M17_1400_64</p>	1
E50	 <p>M18_1400_64</p>	1
E51		1
E52		1
E53		1

1431N





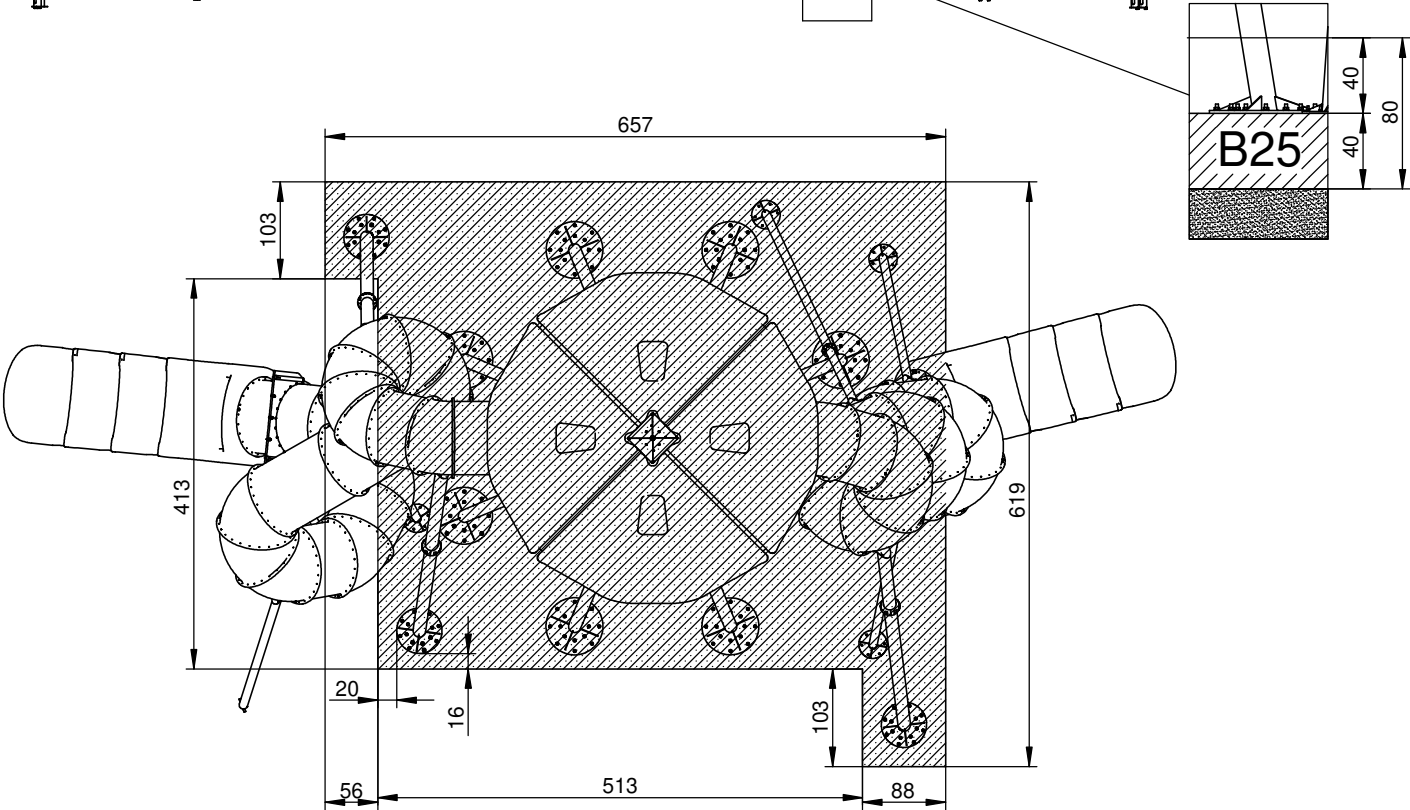
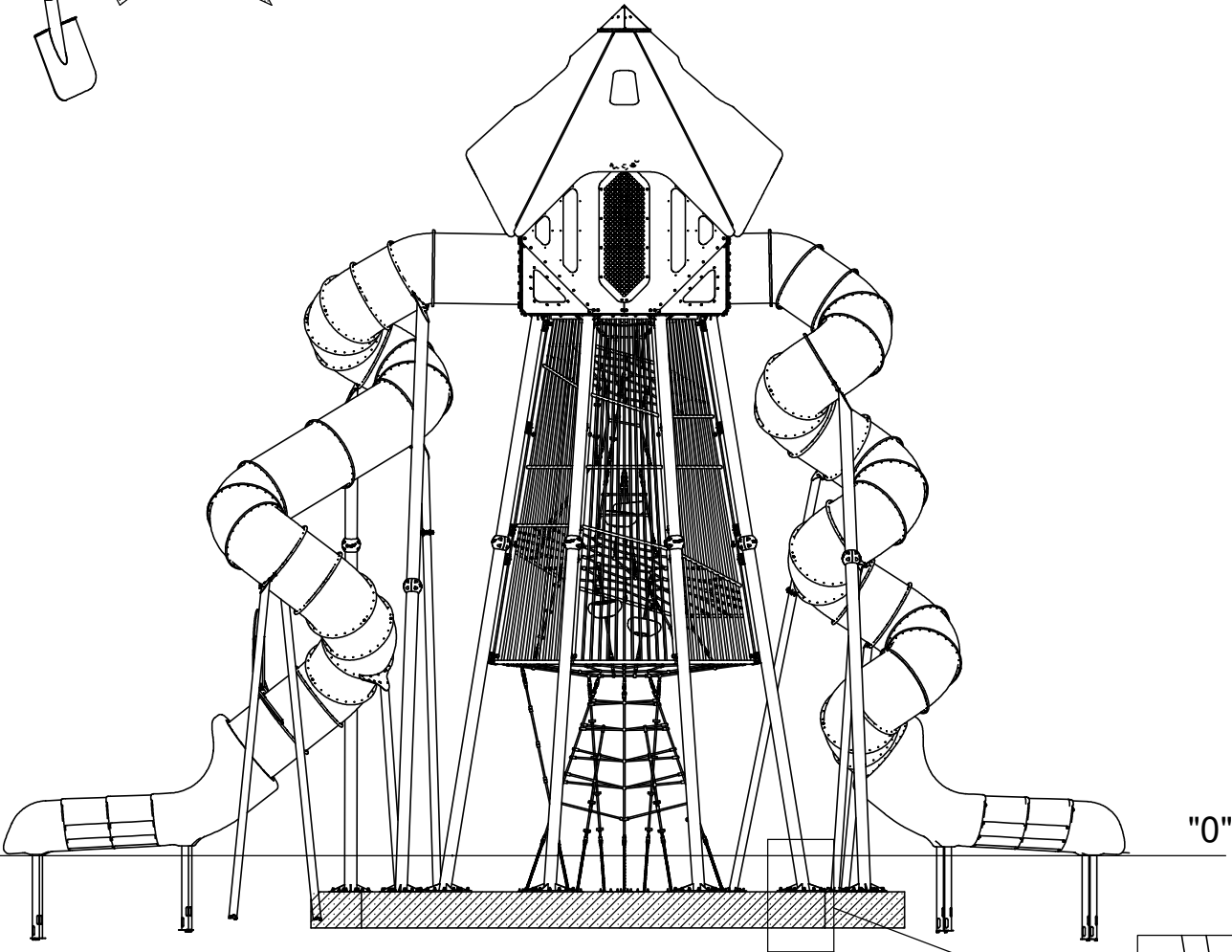
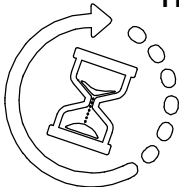
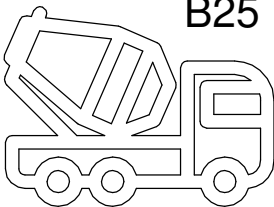
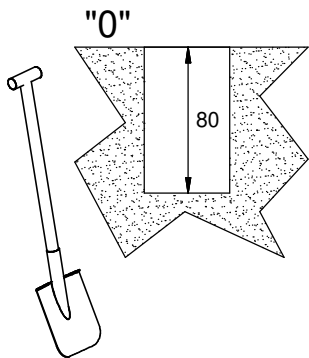
1431N



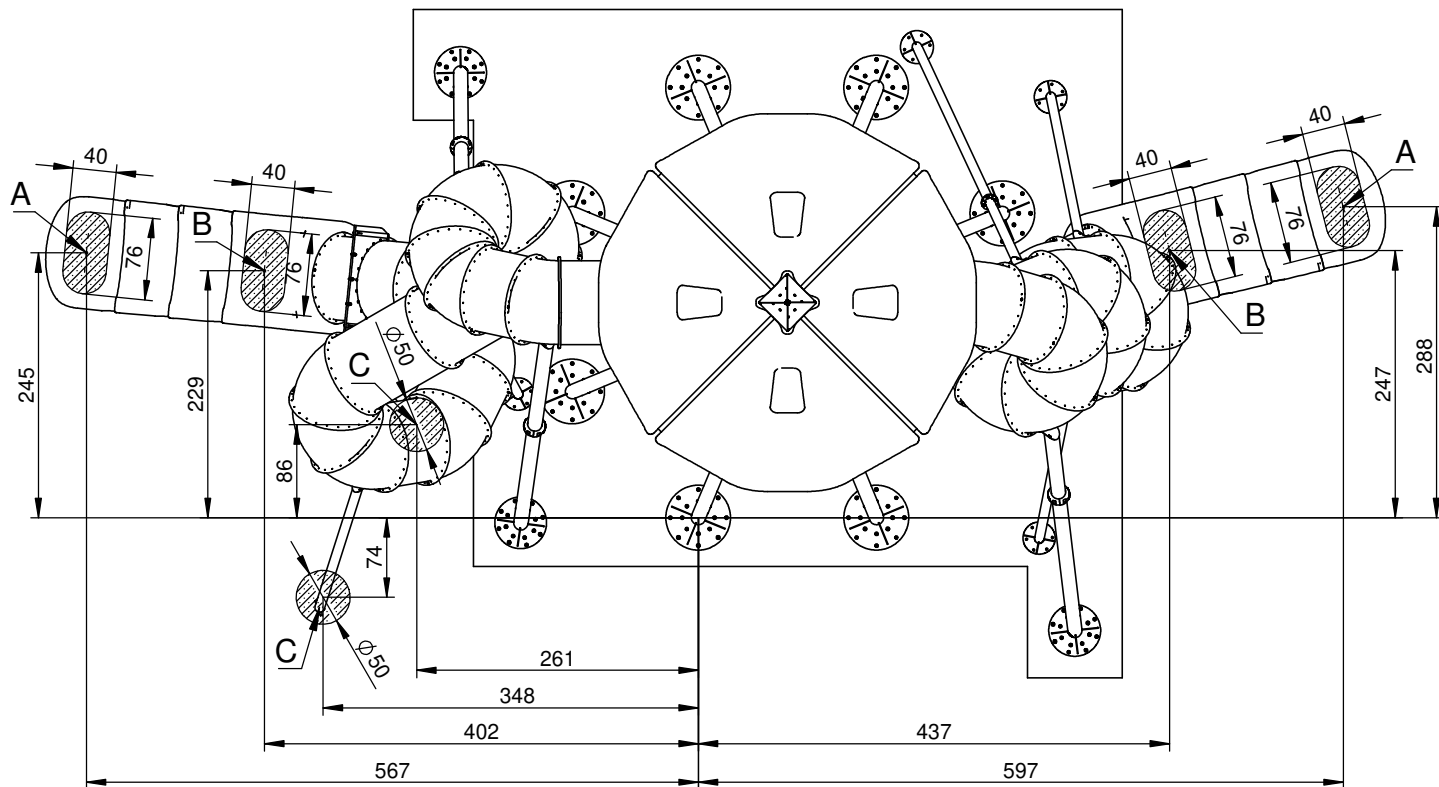
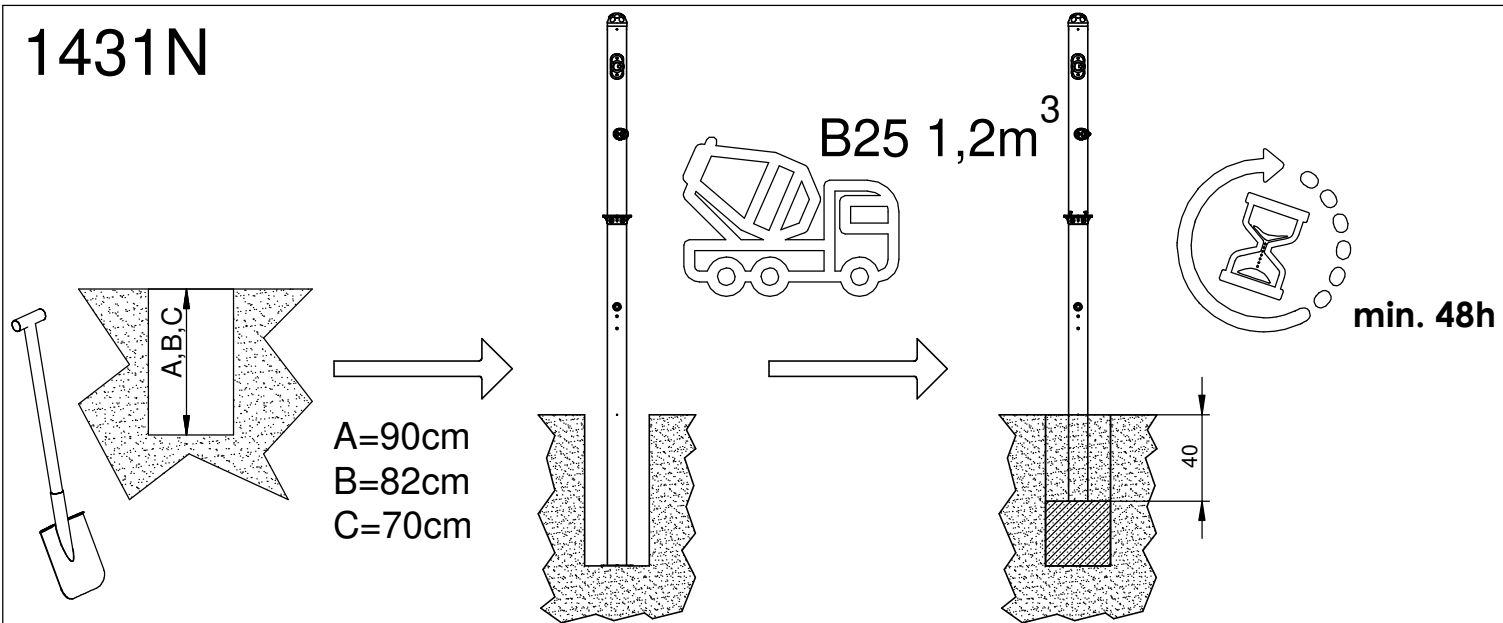
1431N

B25 13,1 m³

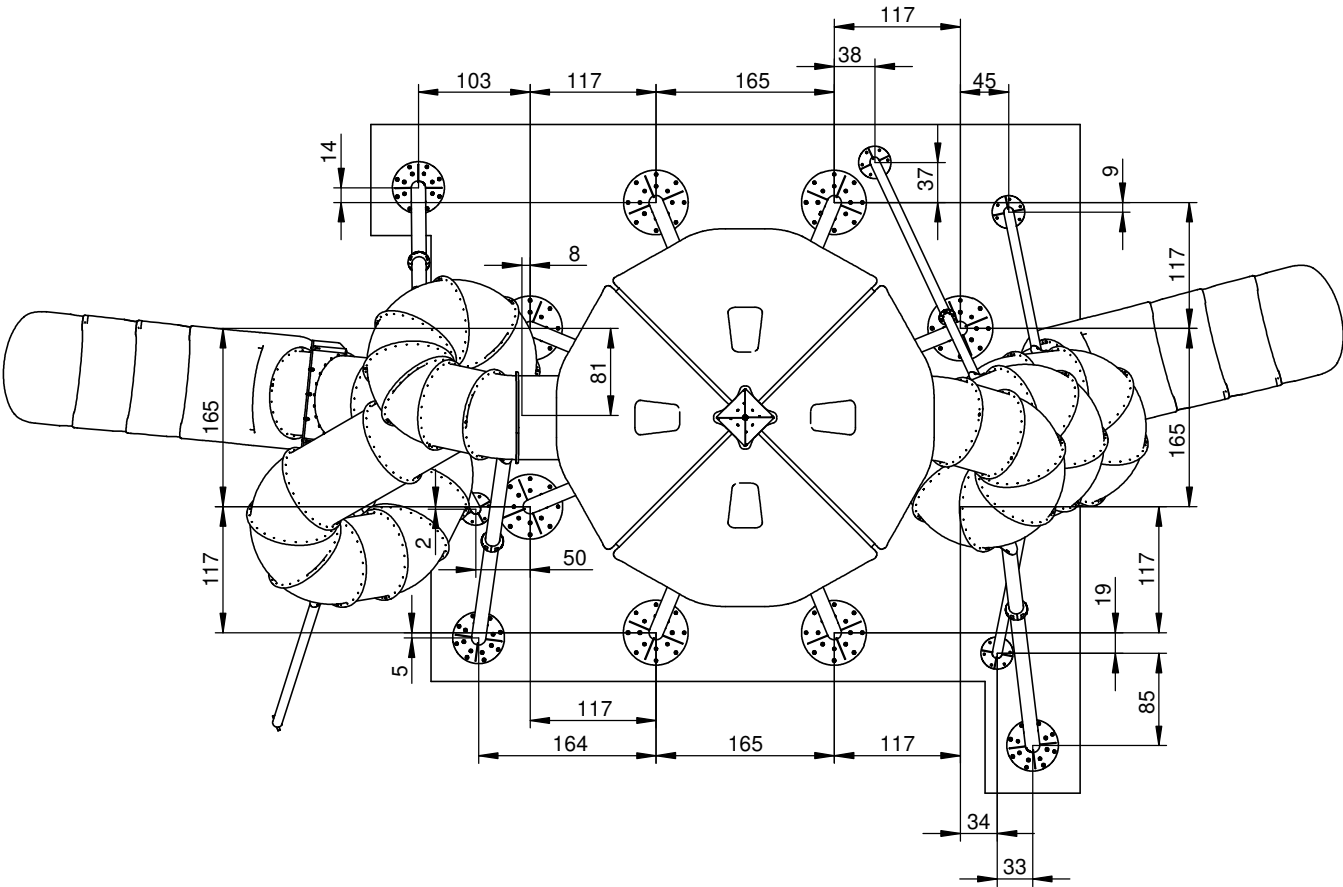
min. 48h



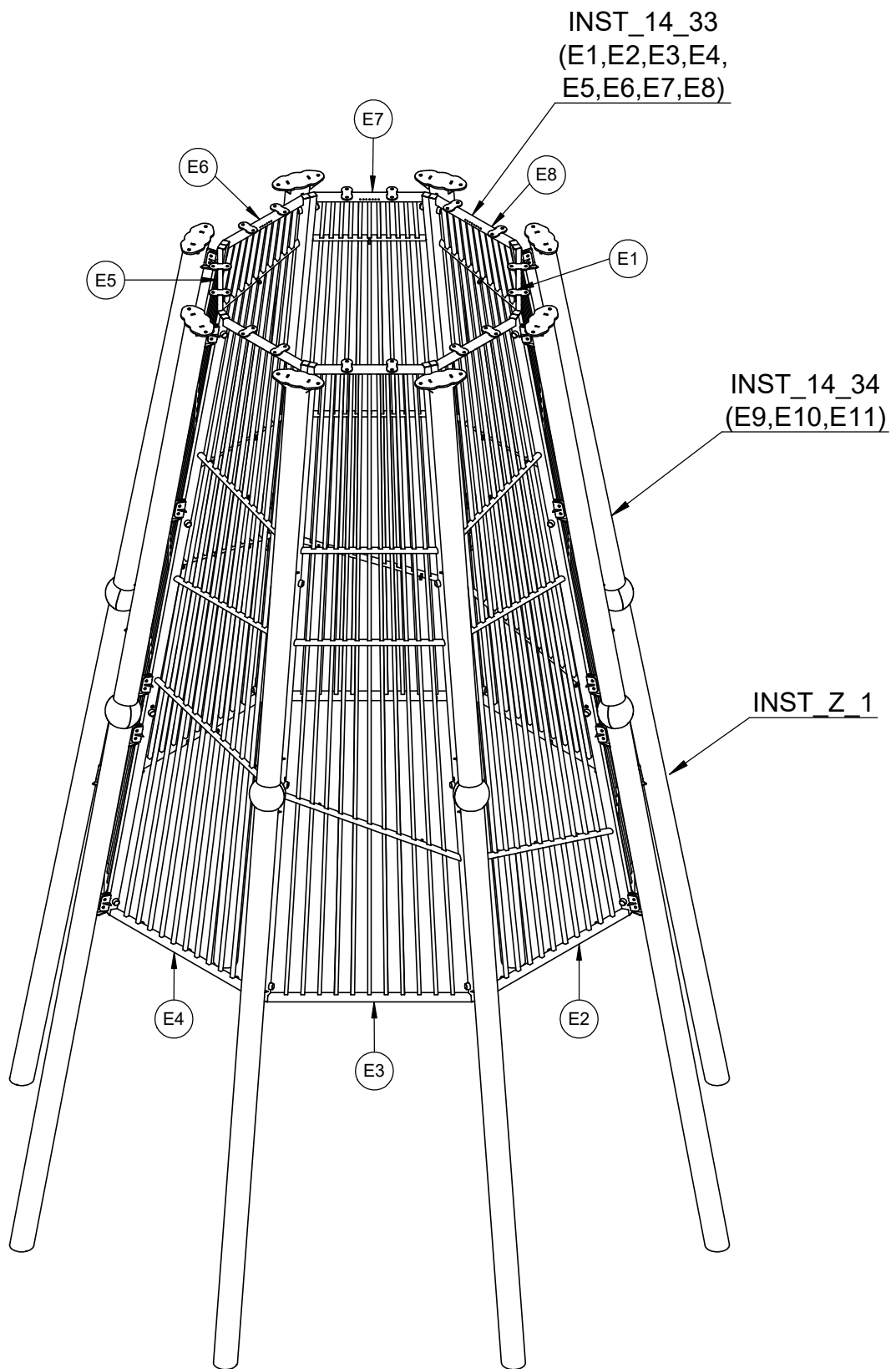
1431 N



1431N

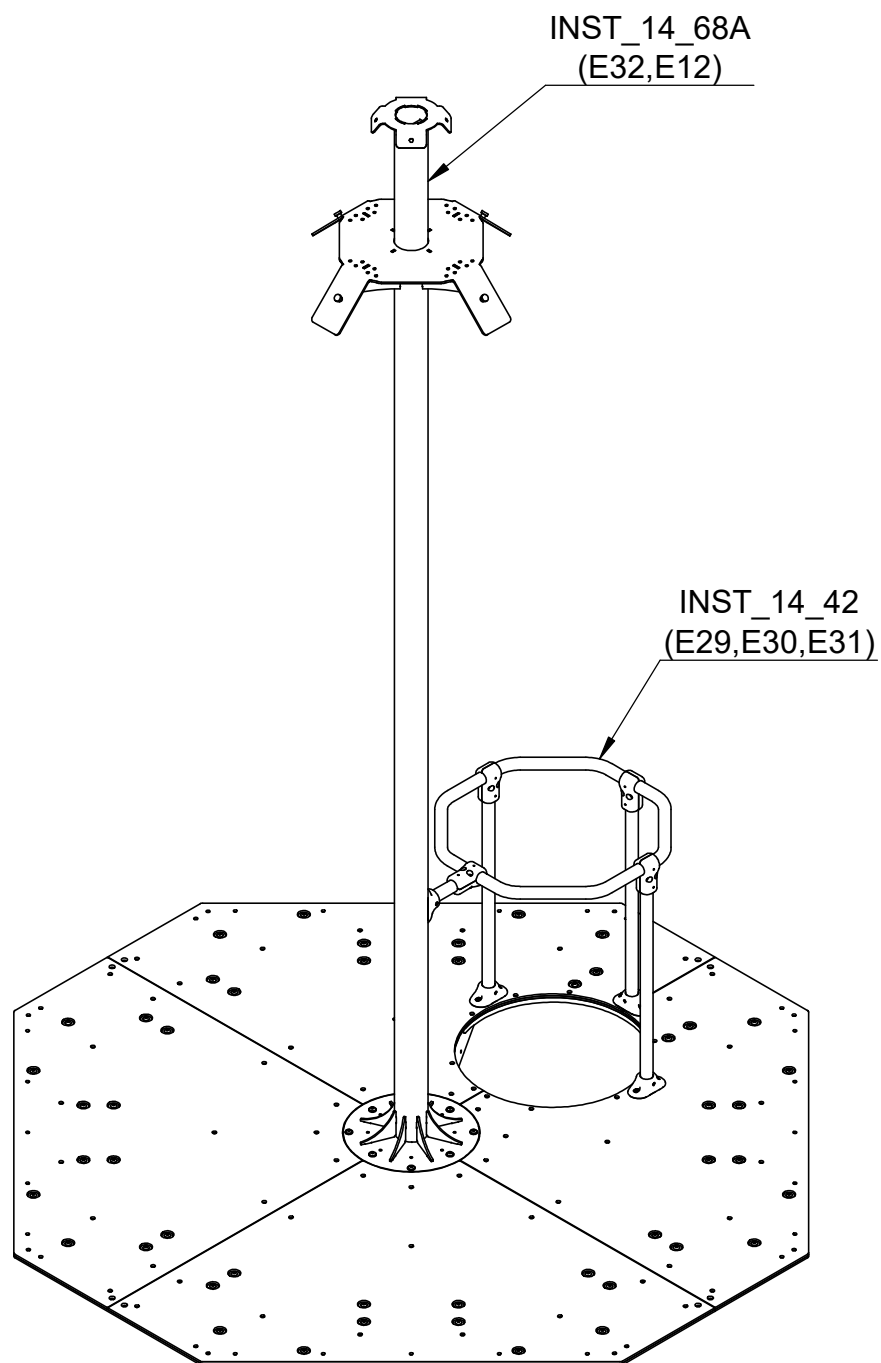


1 1431N

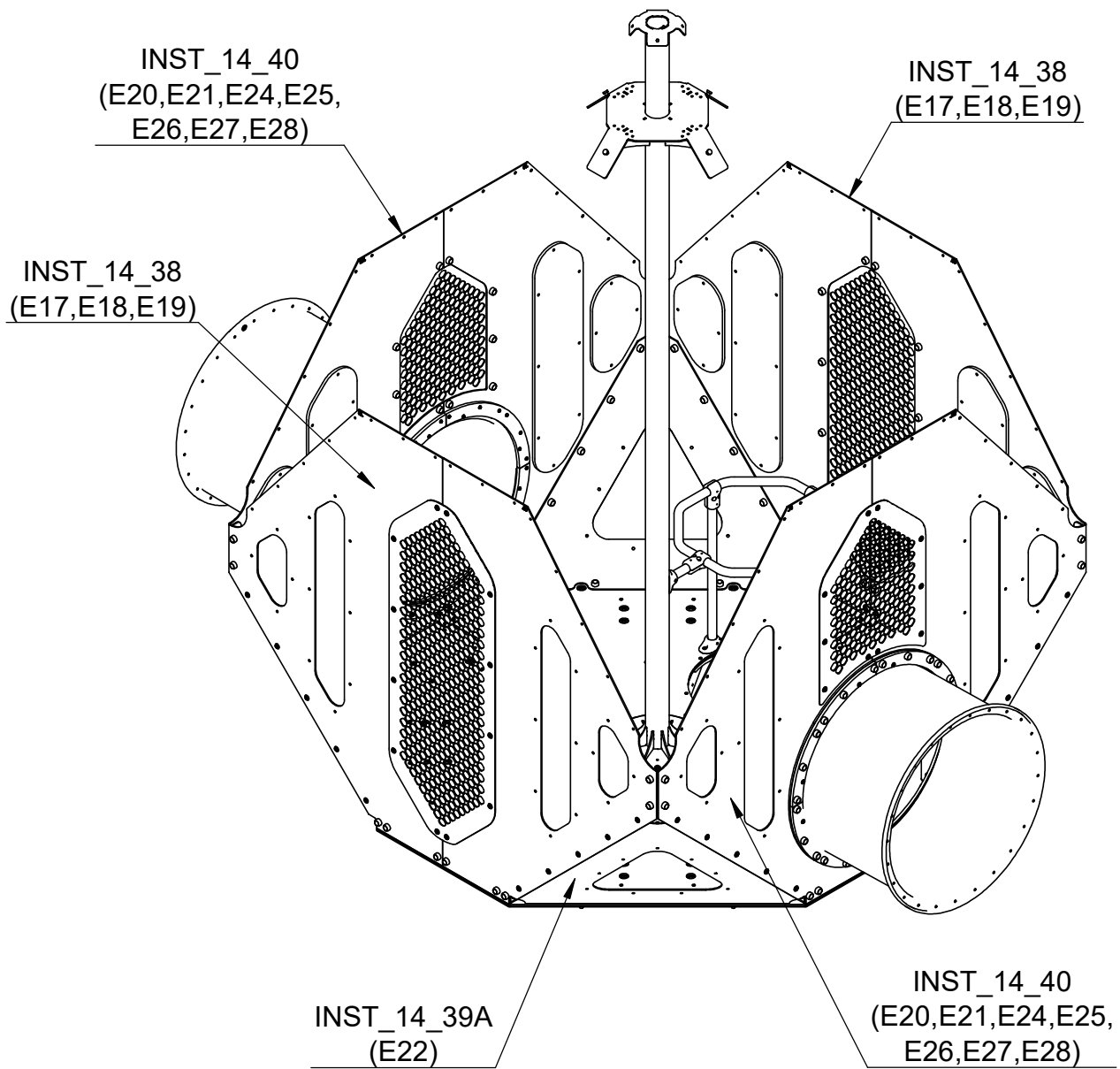


2

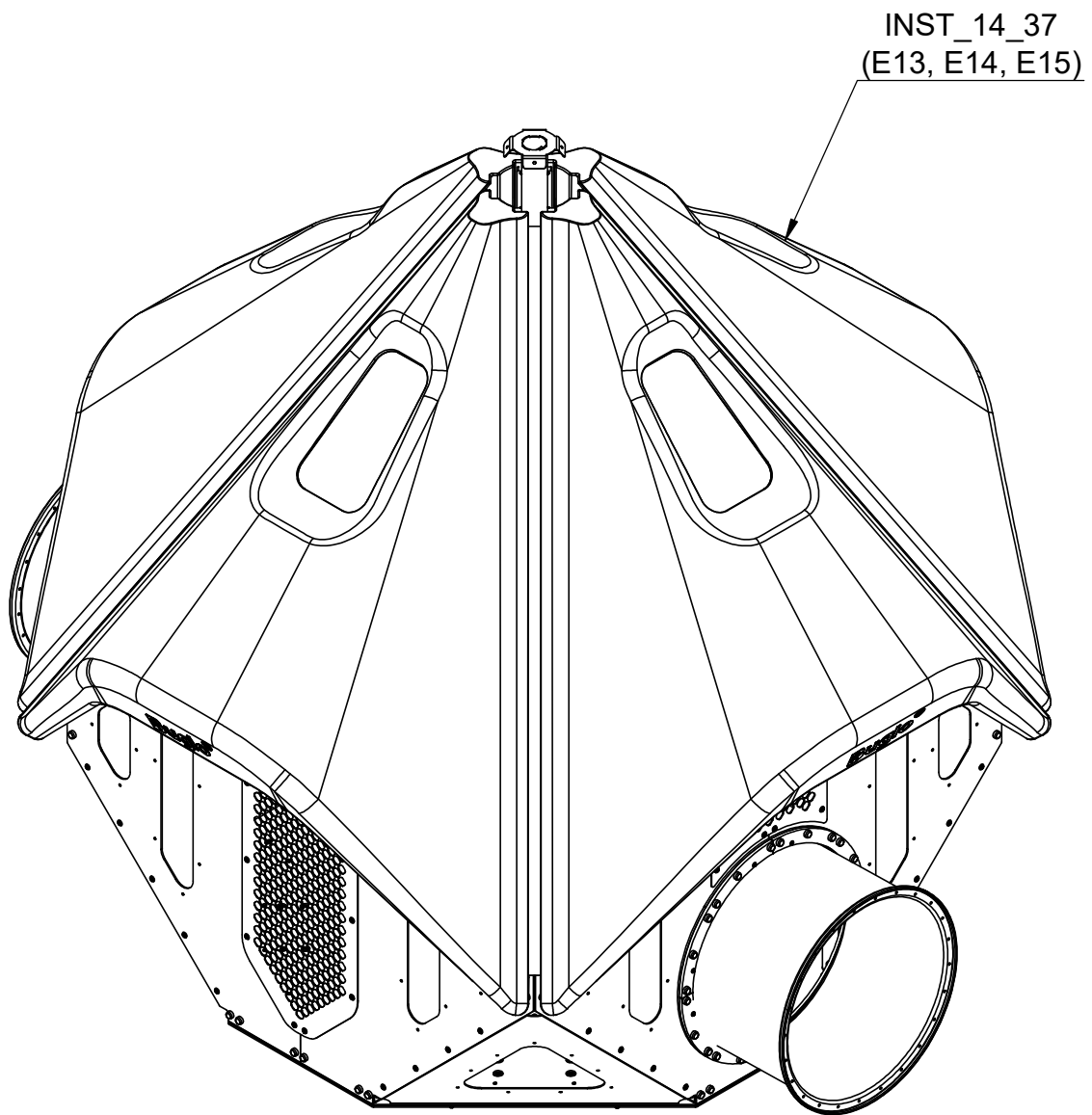
1431N



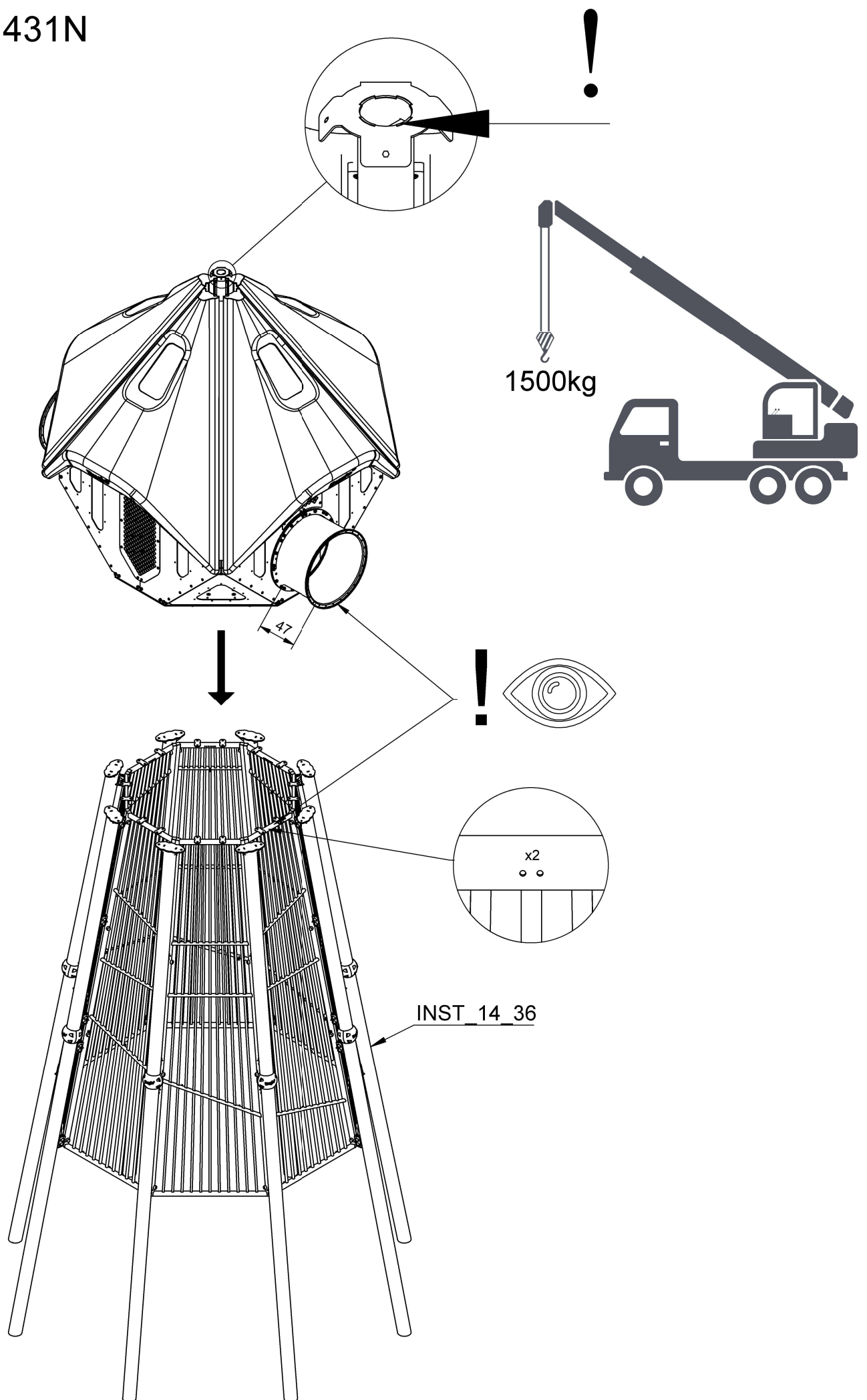
3 1431N



4 1431N

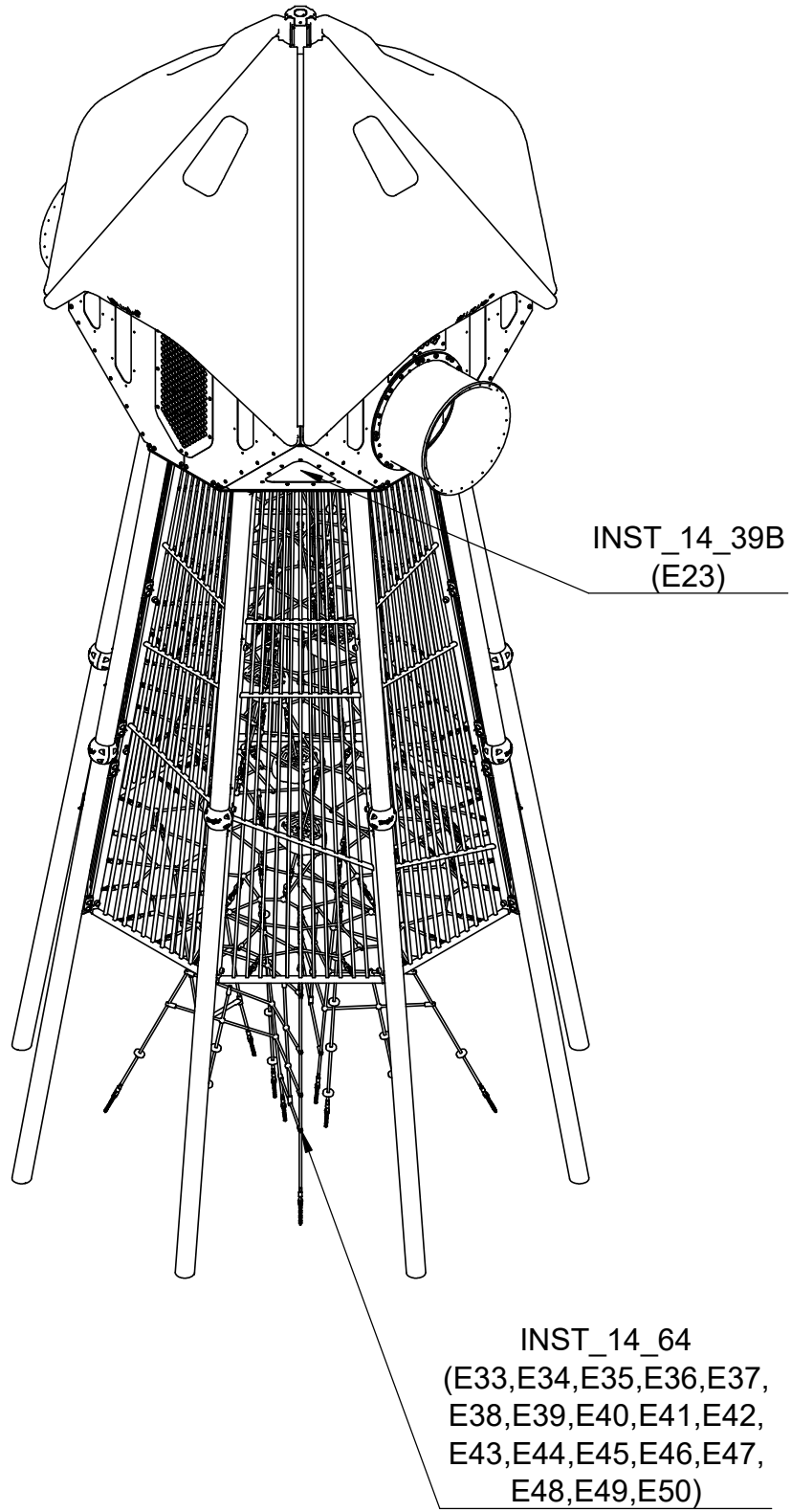


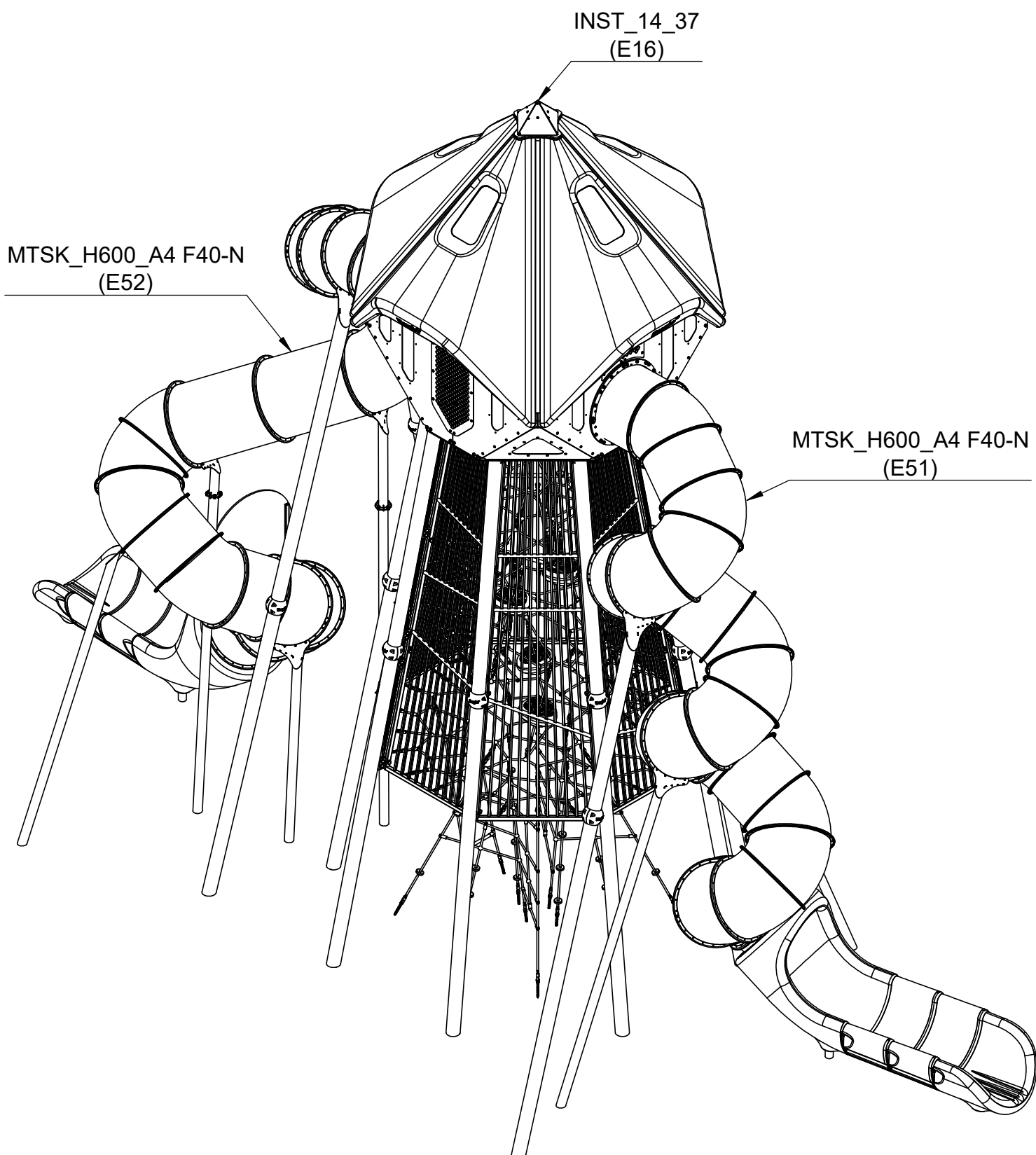
5 1431N




6

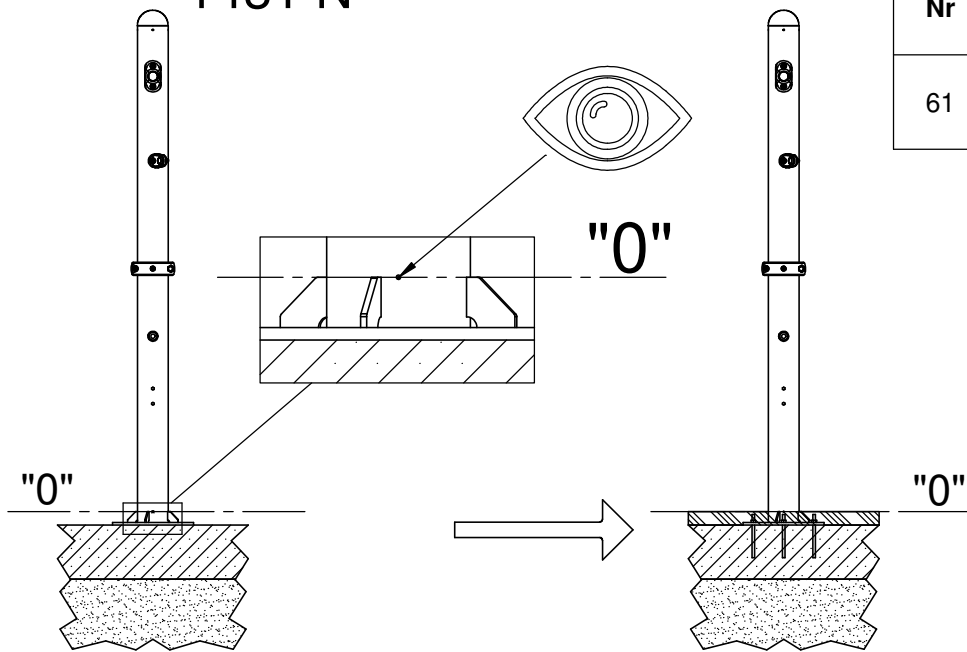
1431N





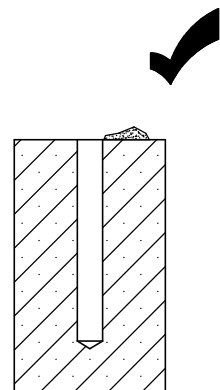
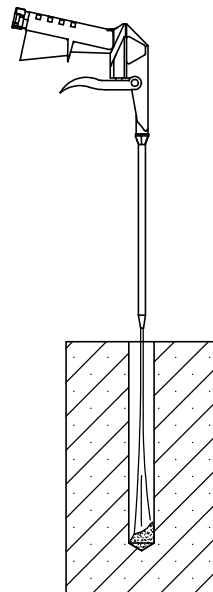
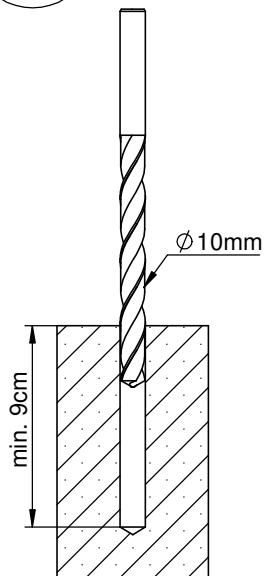
1431 N

Nr	Element		
61		-	KL105 (OC)



I

II

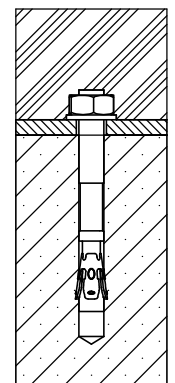
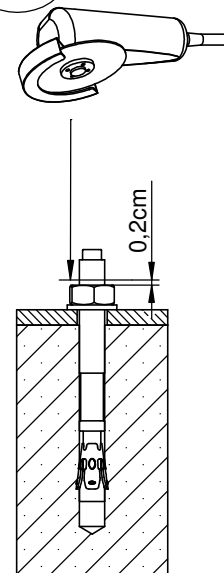
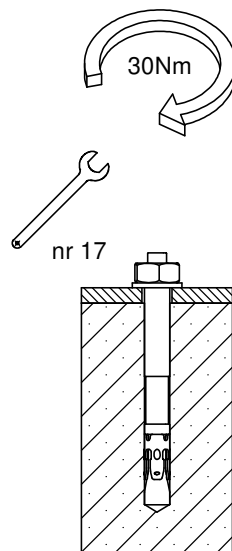
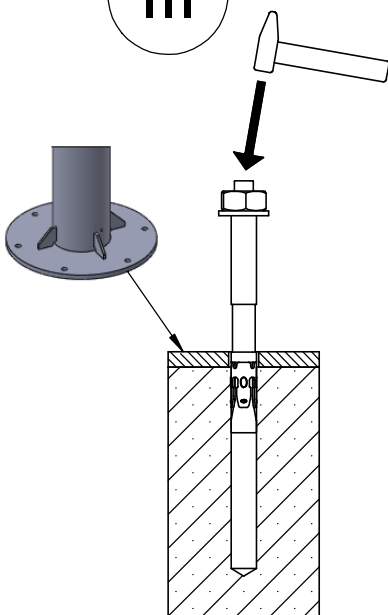


III

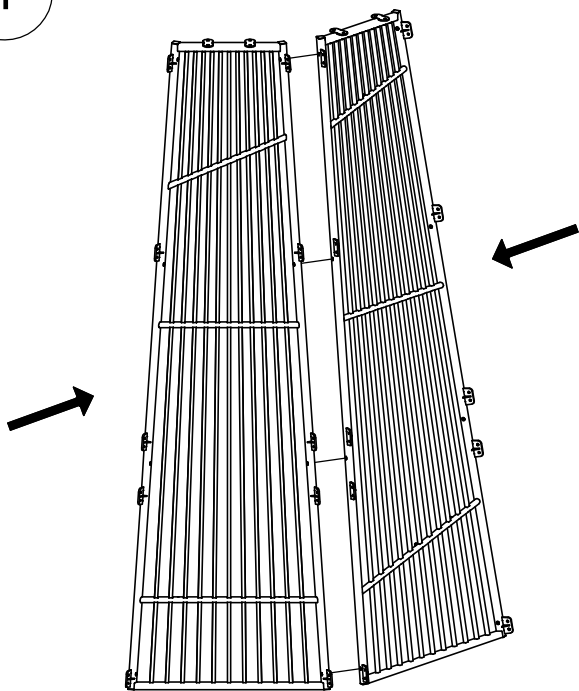
IV





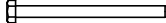
V

VI

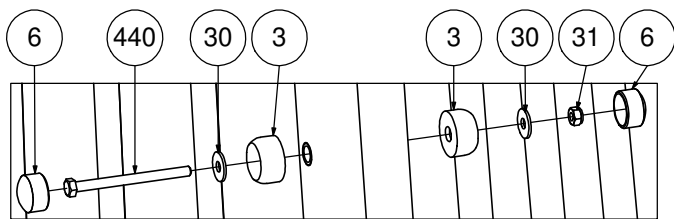
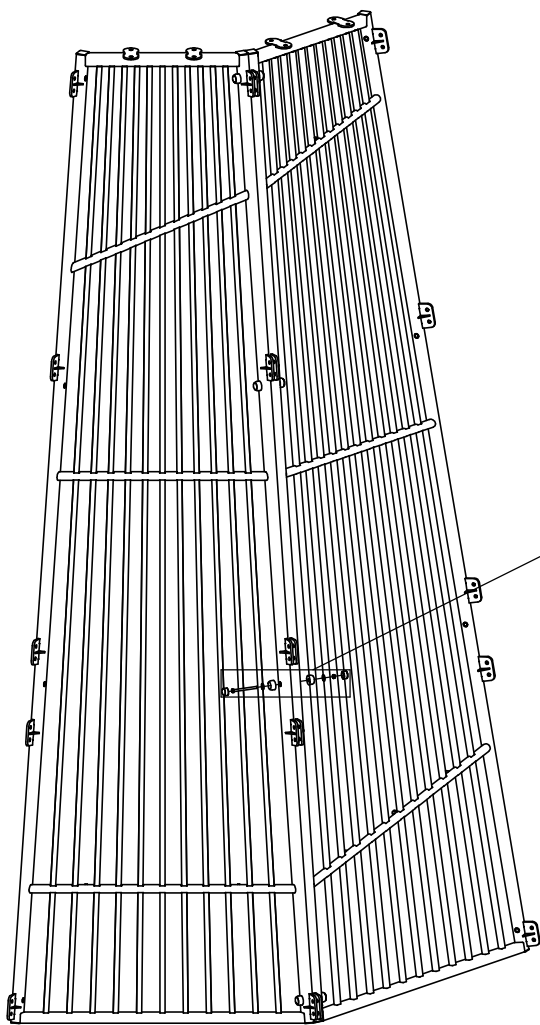


1



Nr	Σ	Element		
3	8		-	K2_d30_B
6	8		-	Z2_d30_B
30	8		DIN 9021	8x24
31	4		DIN 985	M8 (OC)
440	4		DIN 931	M8x100

2

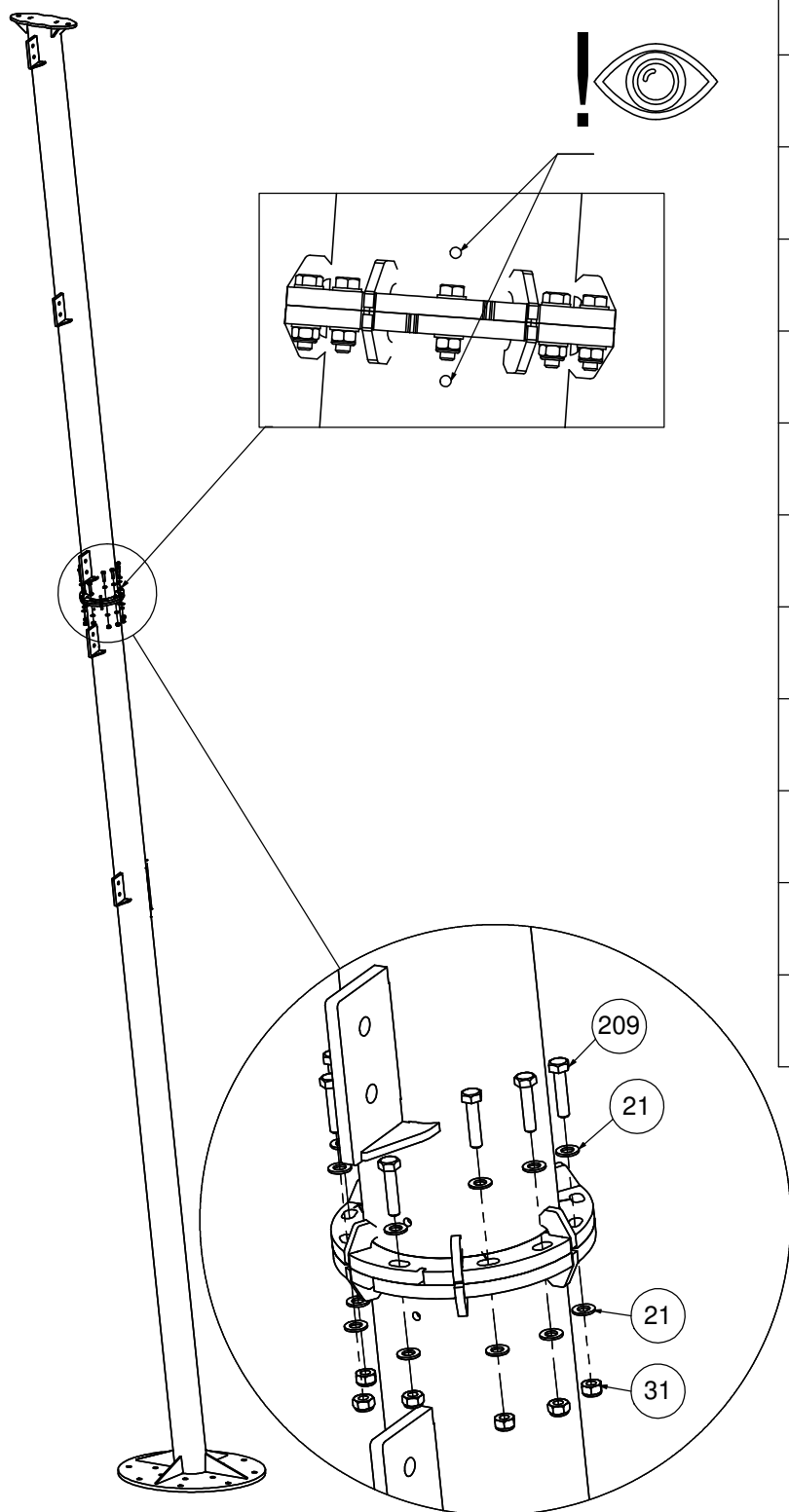


INST_14_34



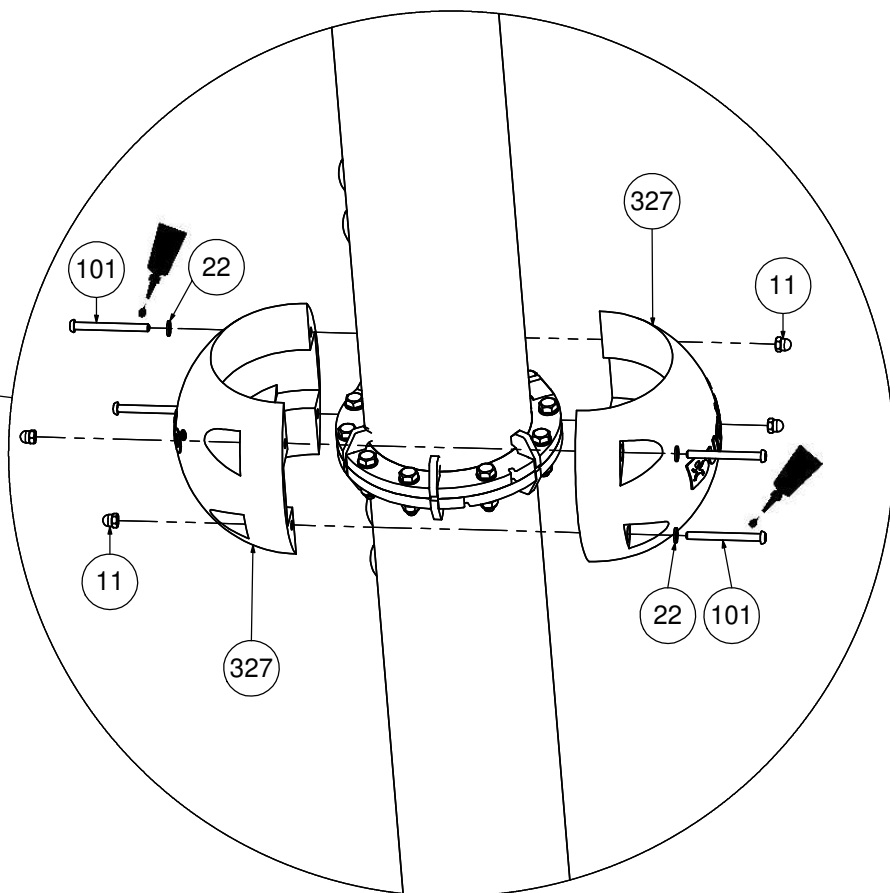
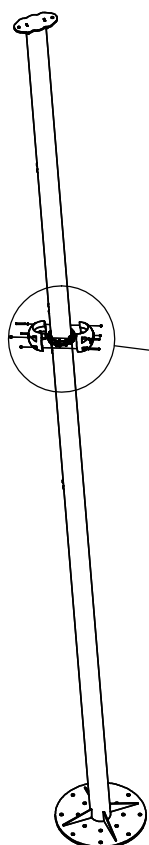
Nr. 4, 6 Nr. 10, 13, 17, 24

1

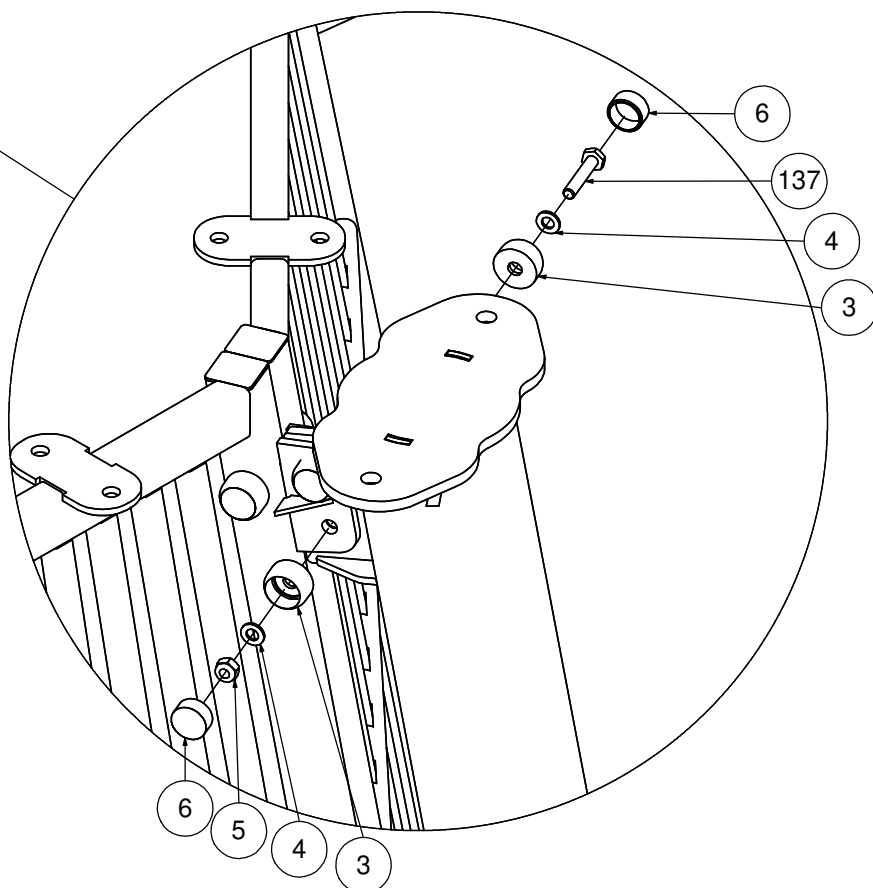
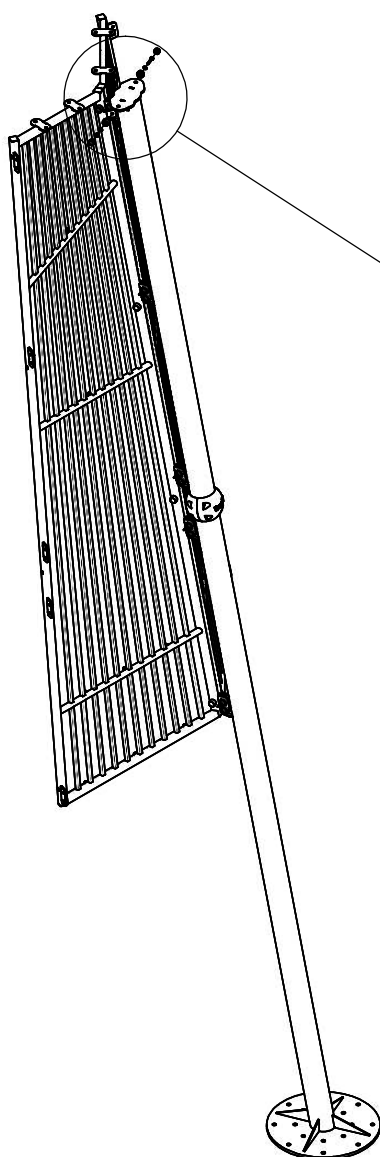


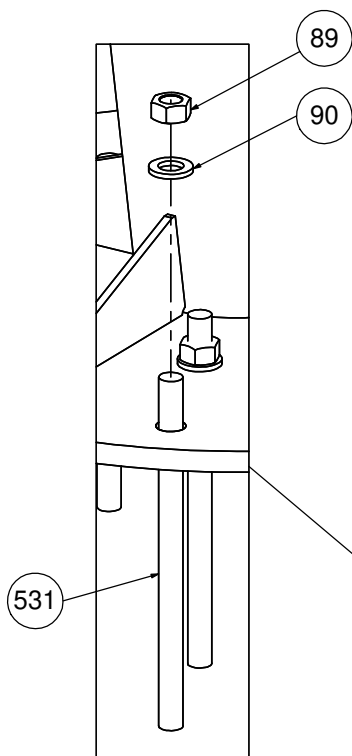
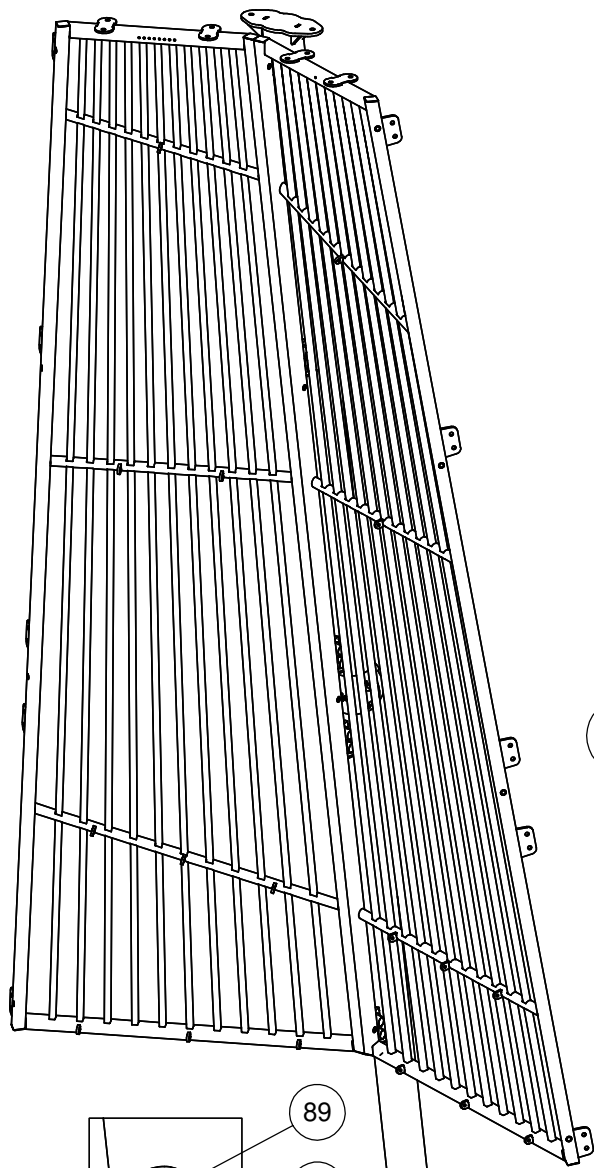
Nr	Σ	Element		
3	20		-	K2_d30_B
4	20		DIN 125	10x20
5	10		DIN 985	M10 (OC)
6	20		-	Z2_d30_B
11	4		DIN 1587	M6
21	20		DIN 125	8x16
22	4		DIN 125	6x12
31	10		DIN 985	M8 (OC)
58	1		-	LOCTITE
89	16		DIN 934	M16 (OC)
90	16		DIN 125	16x30
101	4		ISO 7380	M6x60
137	10		DIN 931	M10x50
209	10		DIN 933	M8x35
327	2		-	MLR133
526	-		-	KCH
531	16		-	S4_1400_82

2

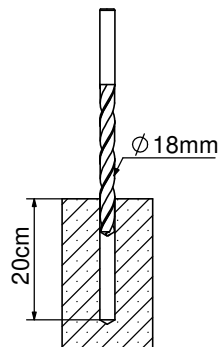


3

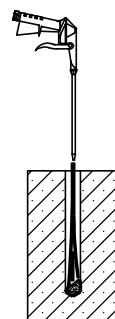




I



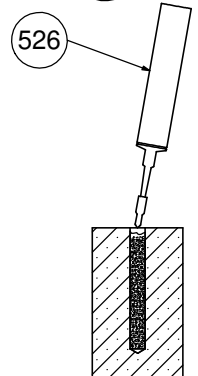
II



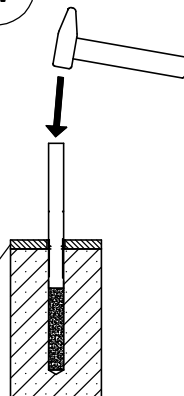
!



III



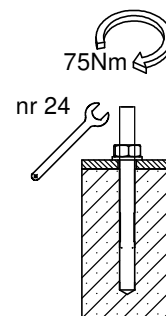
IV



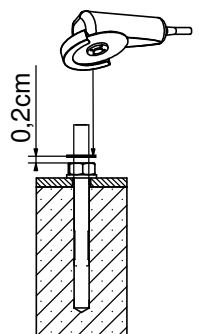
V



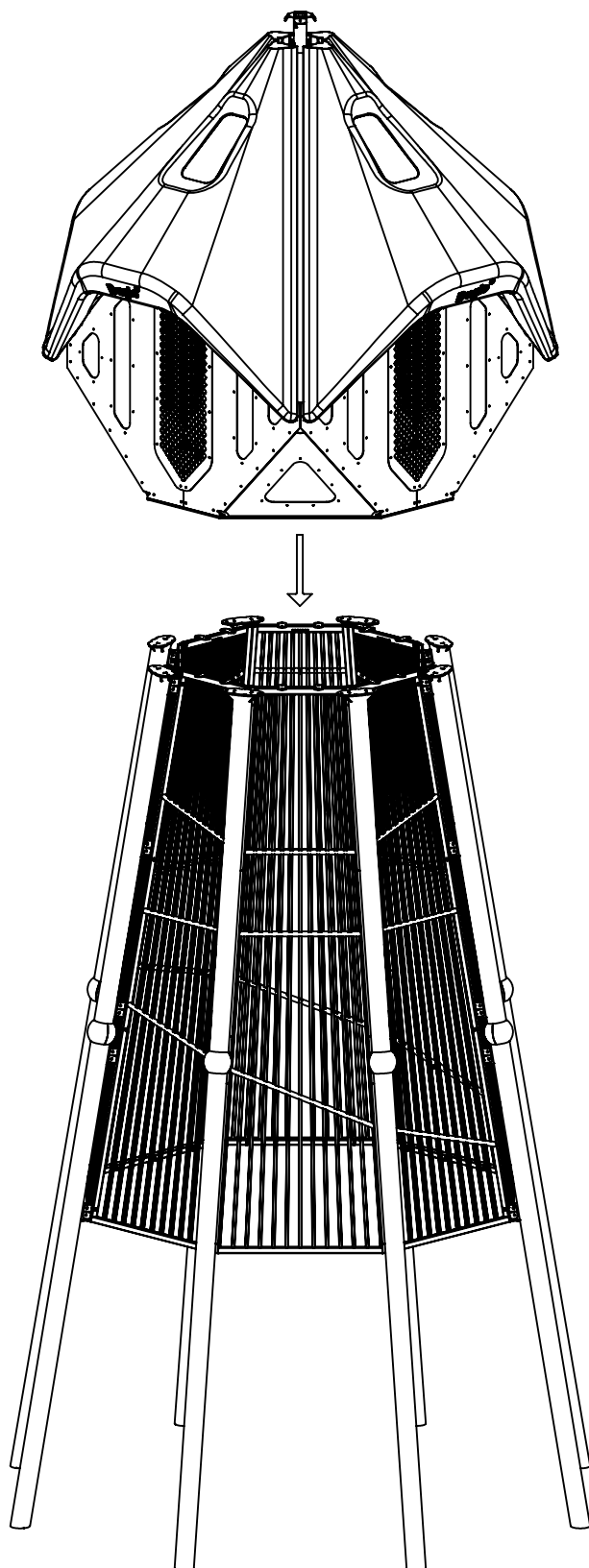
VI




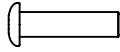




VII

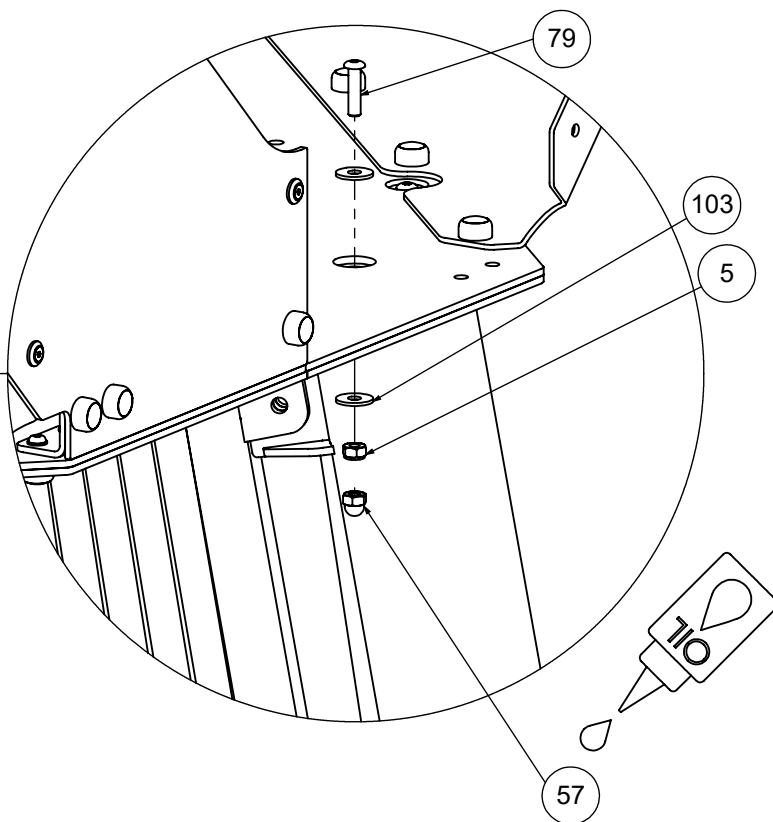
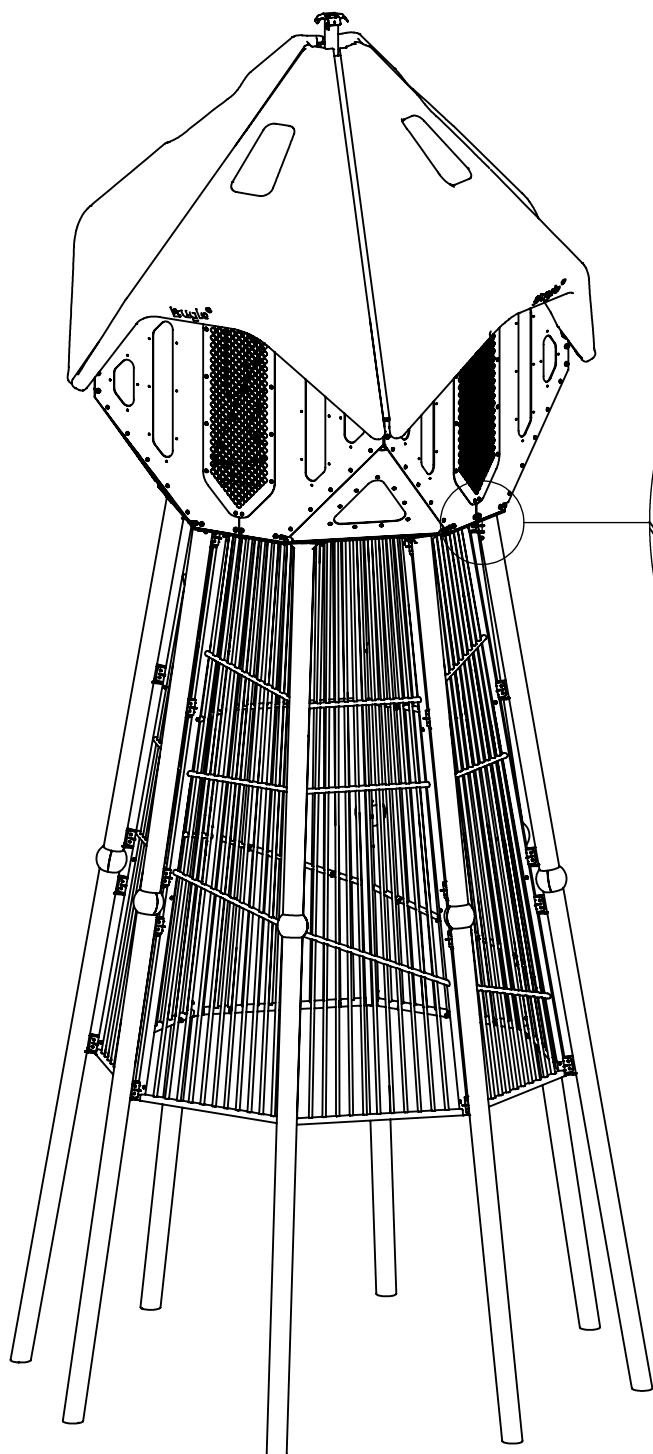


1

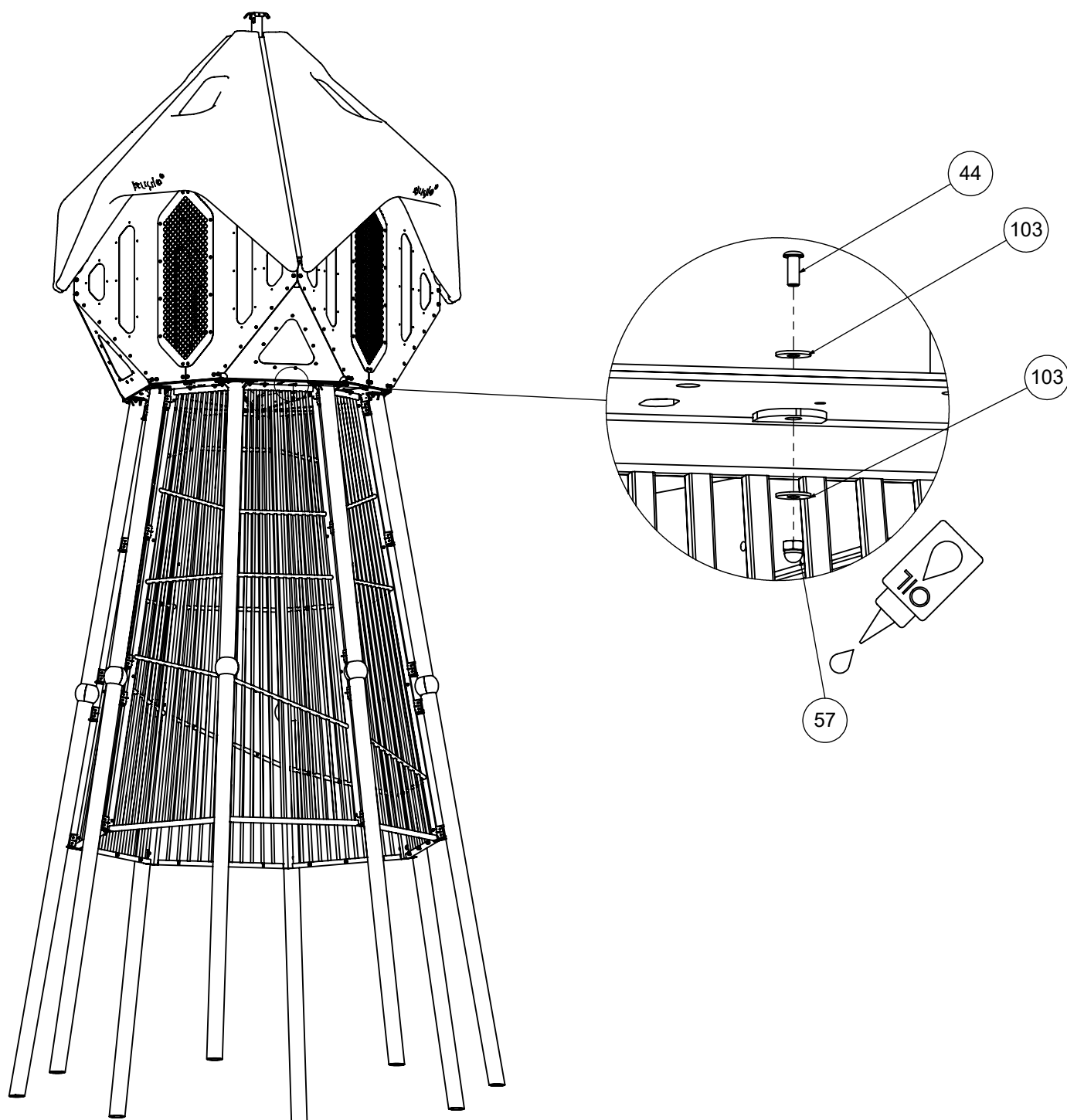


Nr	Σ	Element		
5	16		DIN 985	M10
44	32		ISO 7380	M10x25
57	48		DIN 1587	M10
79	16		ISO 7380	M10x40
103	96		DIN 9021	10x30
579	1		-	OIL

2



3



INST_14_37

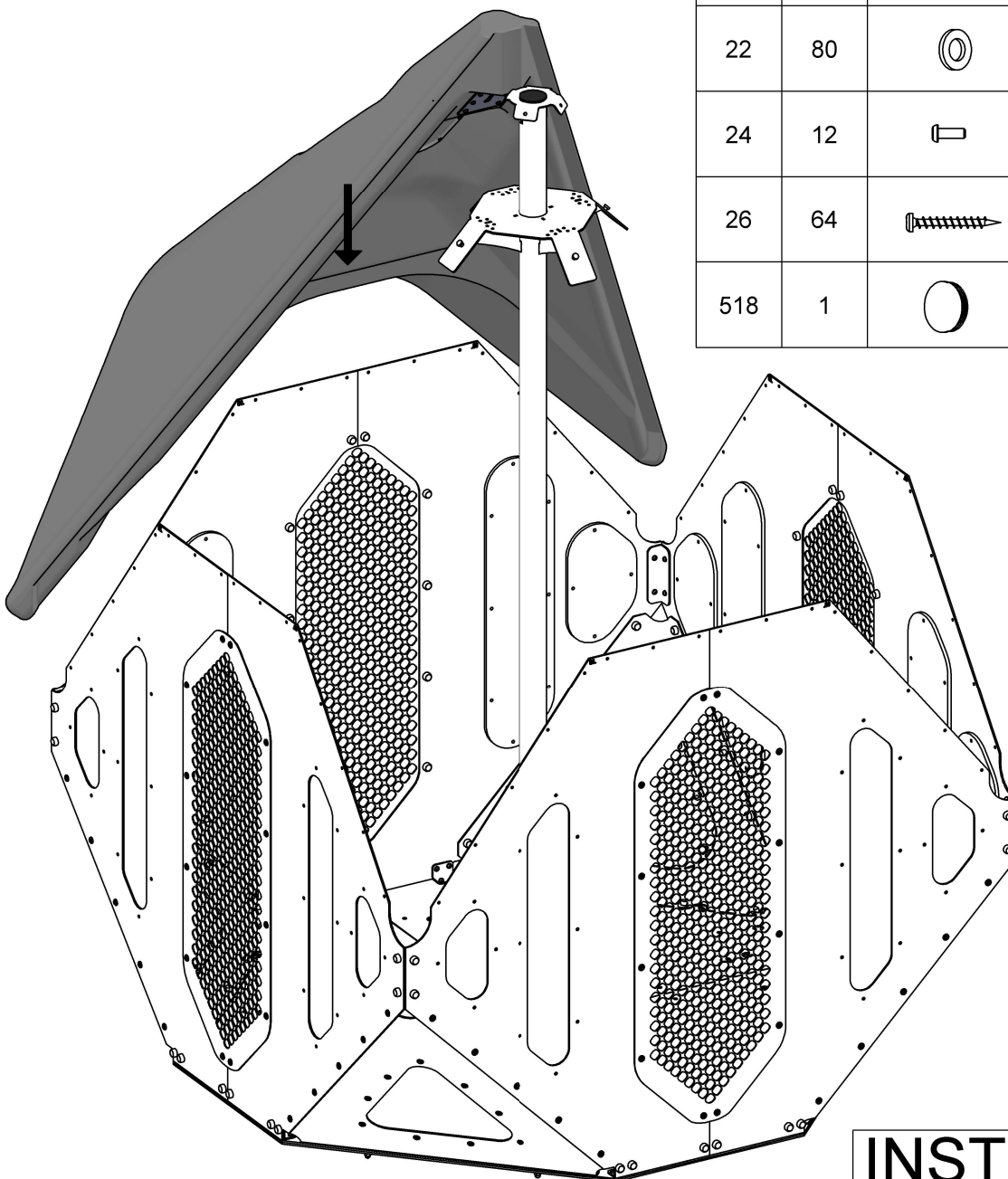


Nr. 4

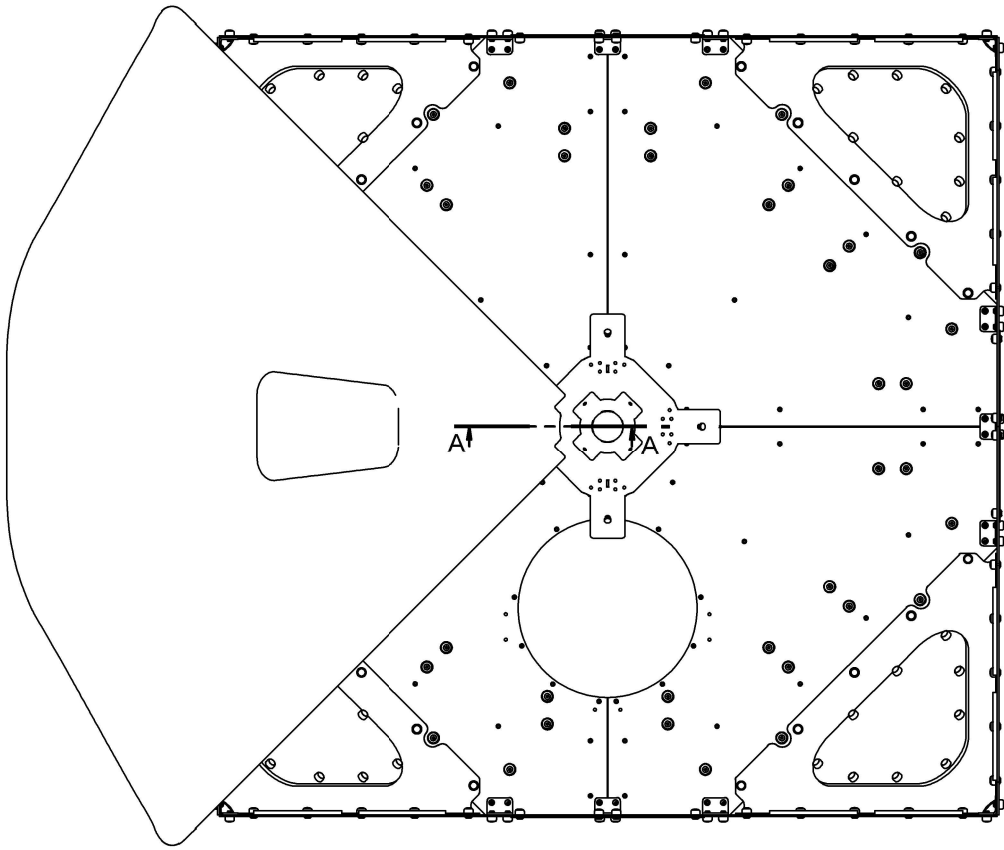
Nr. T25, T20

Nr. 10

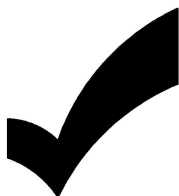
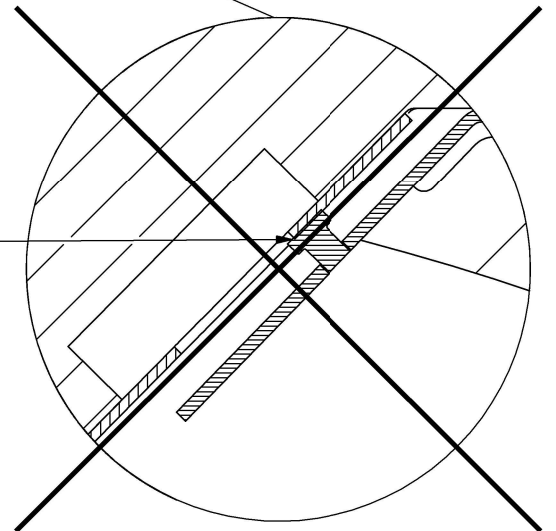
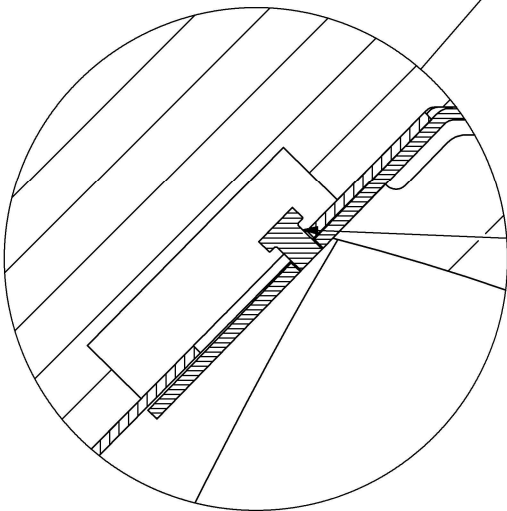
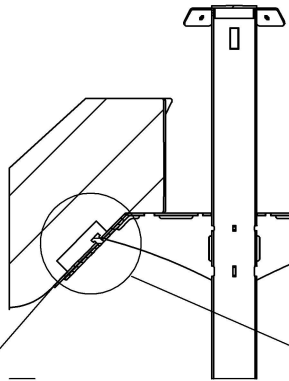
1



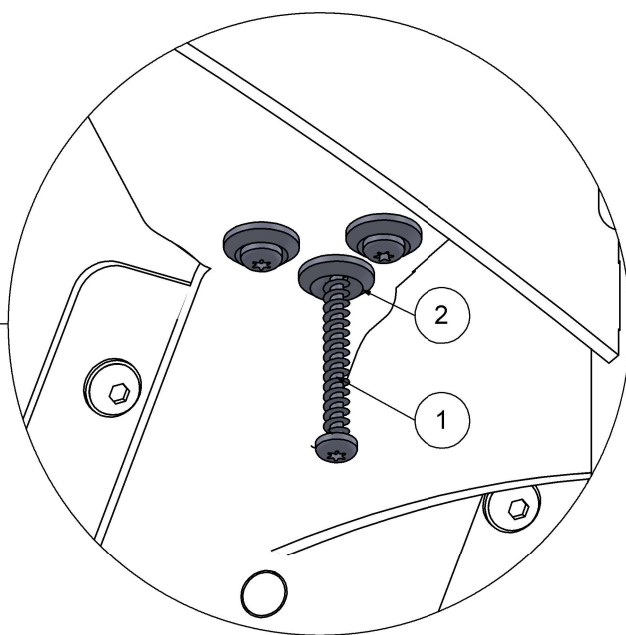
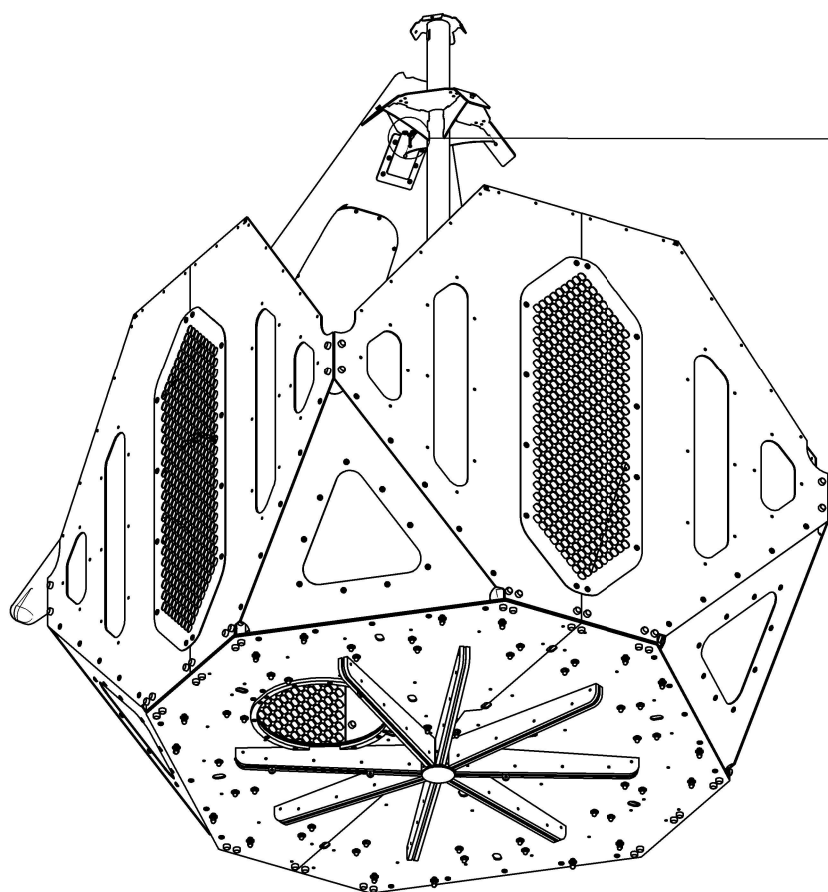
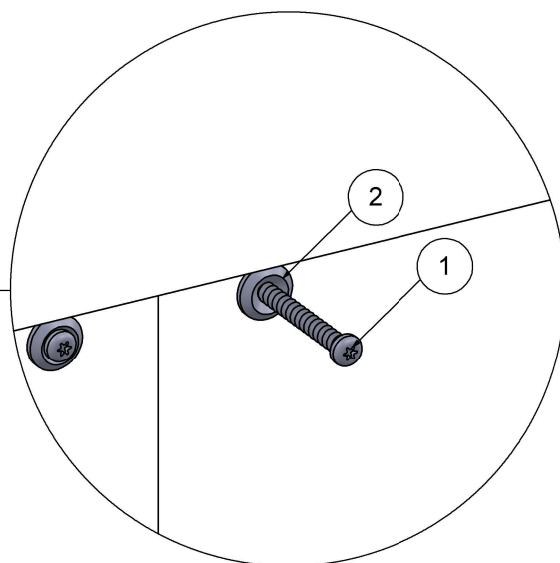
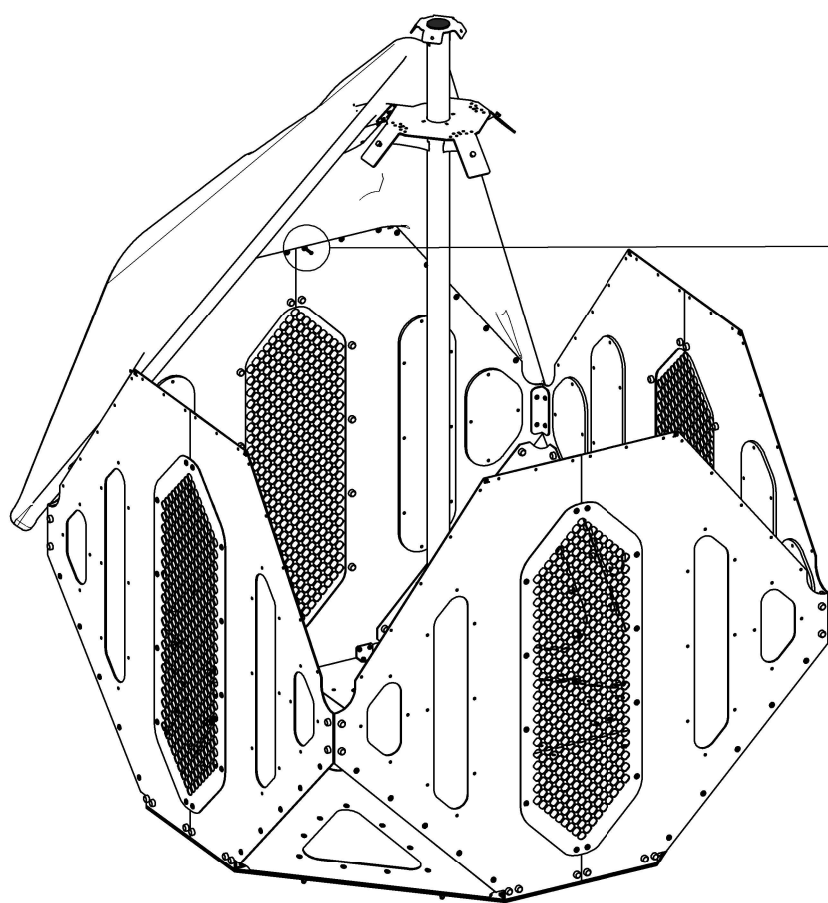
Nr	Σ	Element		
1	100		-	S6x60
2	100		-	W6x60
10	8		DIN 9021	6x18
13	4		ISO 7380	M6x20
16	4		-	K1_d21_B
17	4		-	Z1_d21_B
18	4		DIN 985	M6 (OC)
19	4		ISO 7380	M6x40
22	80		DIN 125	6x12
24	12		ISO 7380	M6x16
26	64		-	S4x40
518	1		-	ZASP_88,9

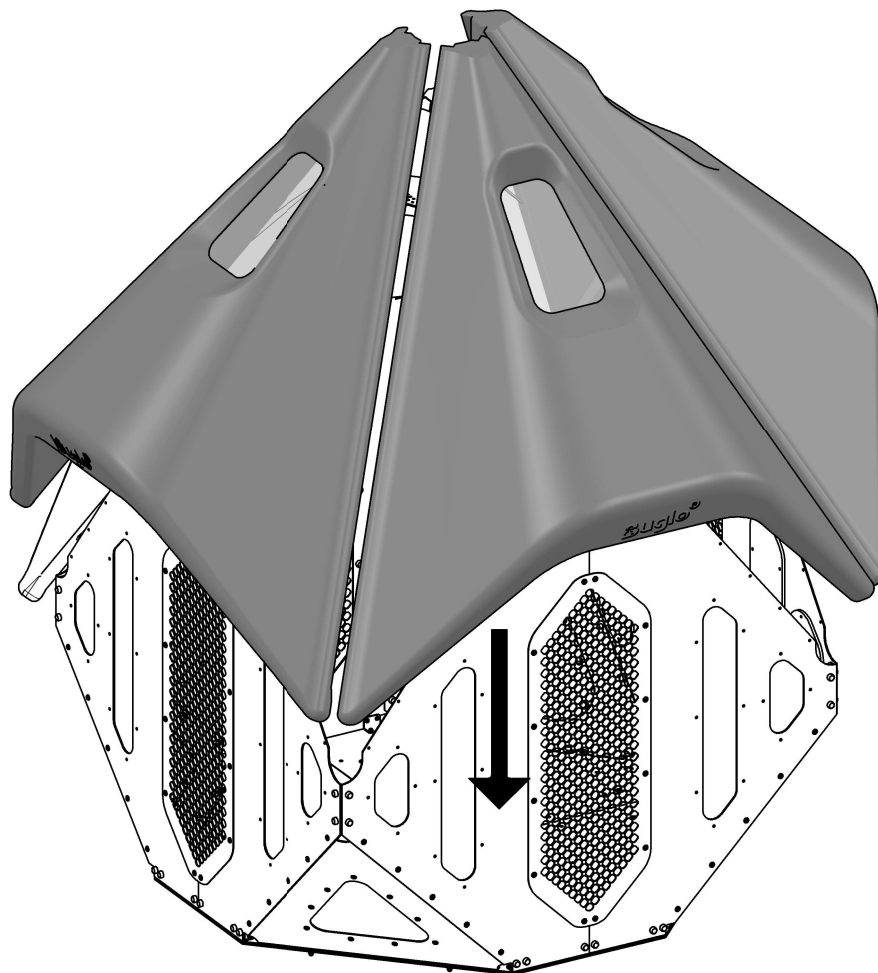


A-A (1 : 15)

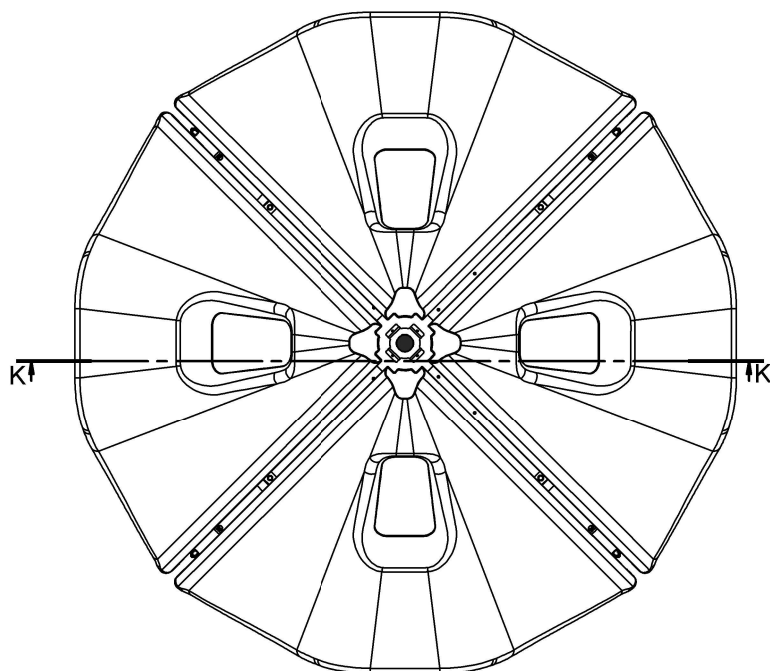


2

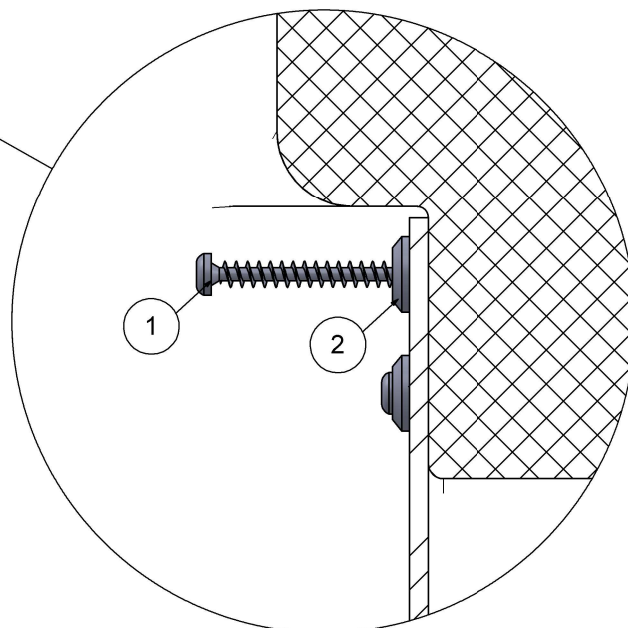
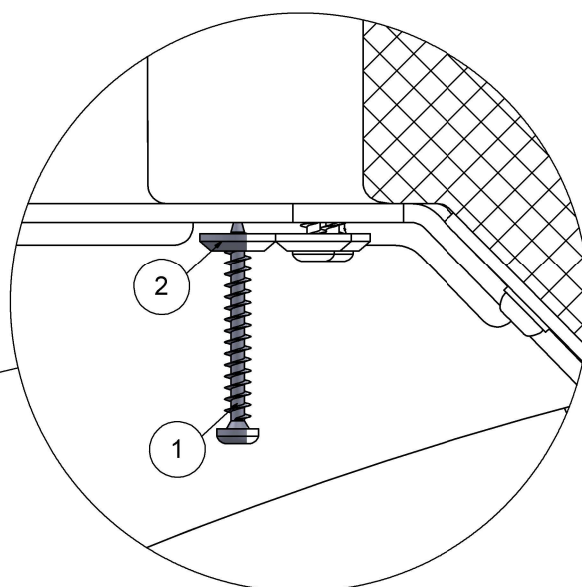
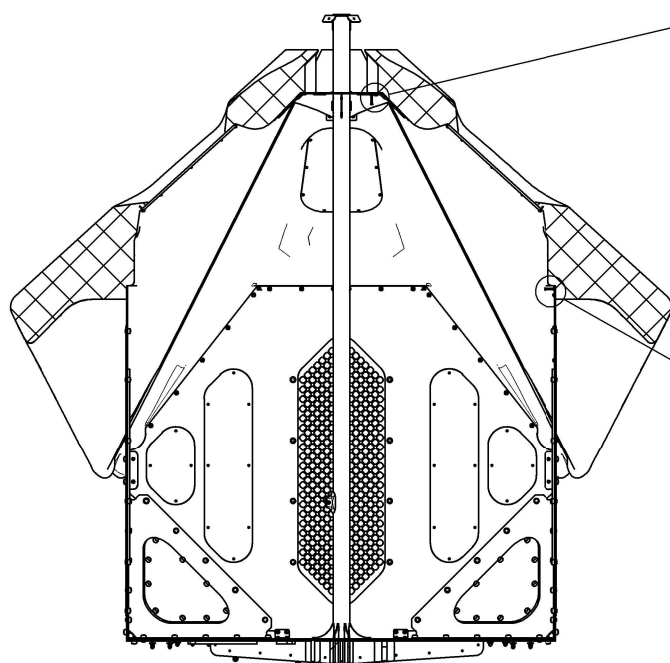




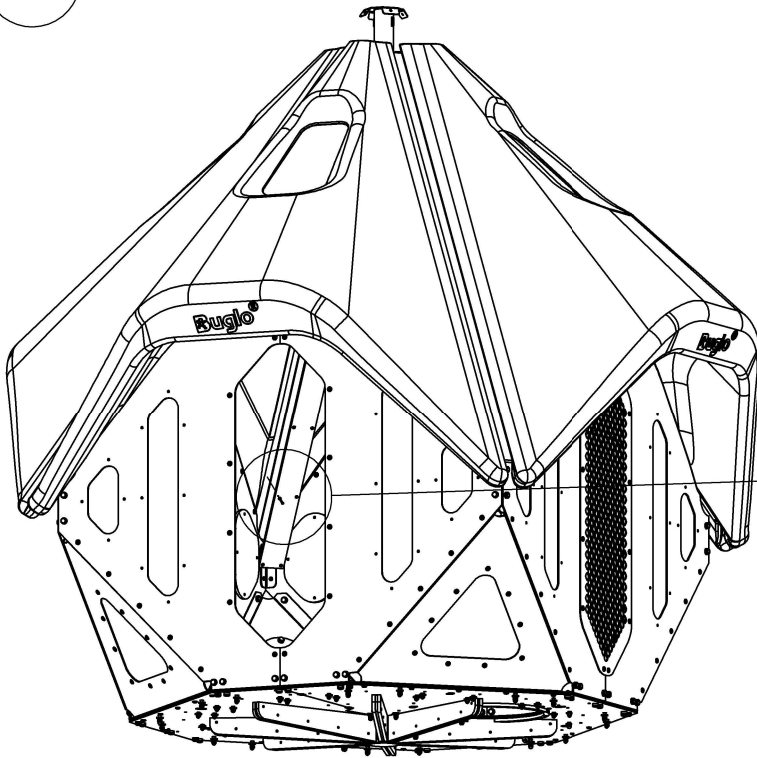
4



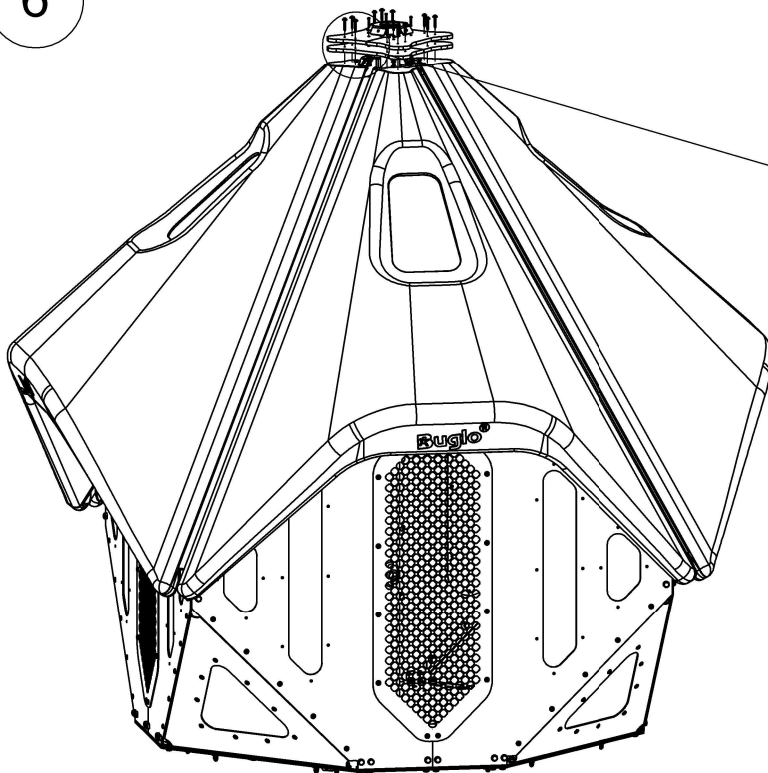
K-K (1 : 40)



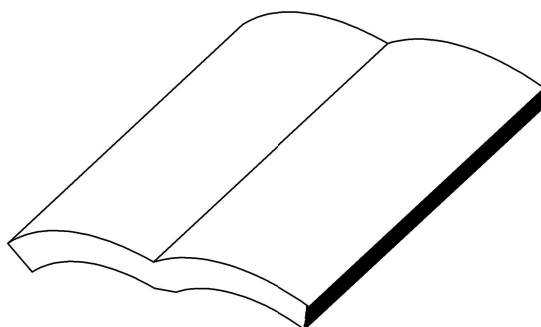
5



6

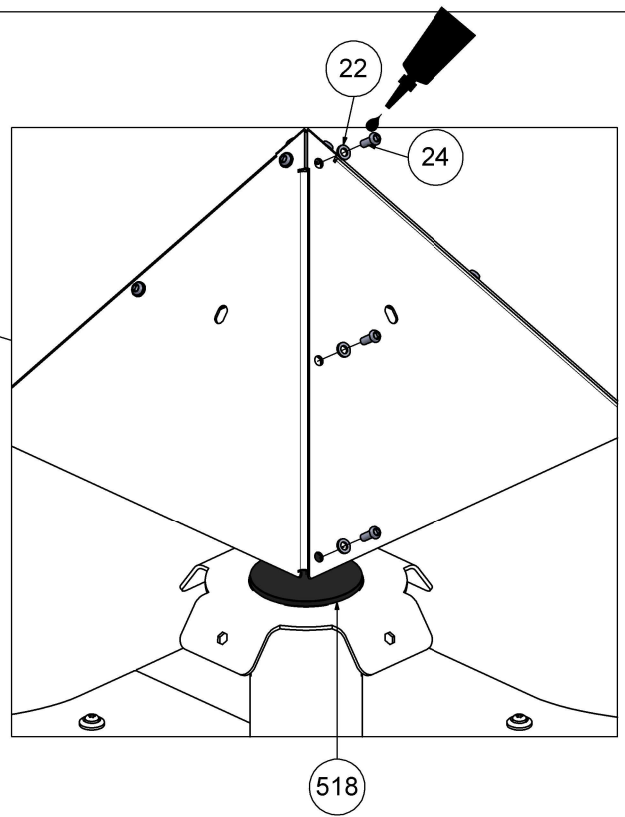
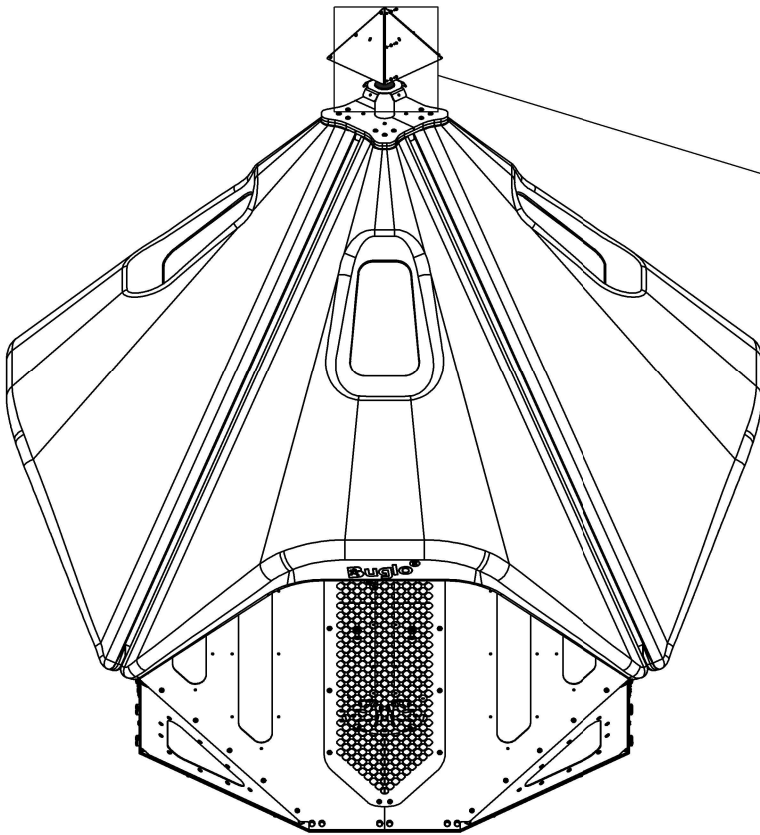


7

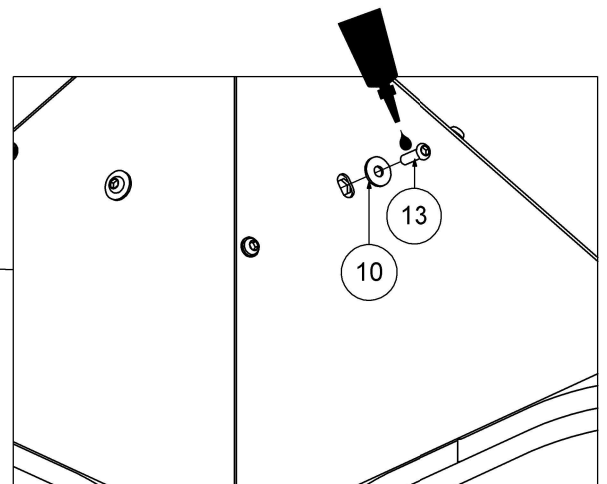
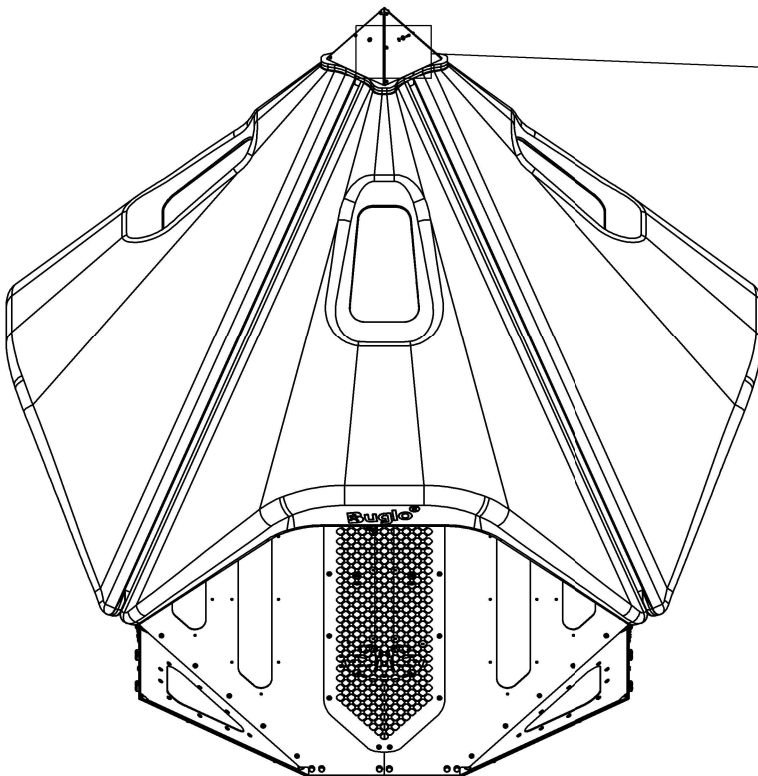


14....

8



9



INST_14_38

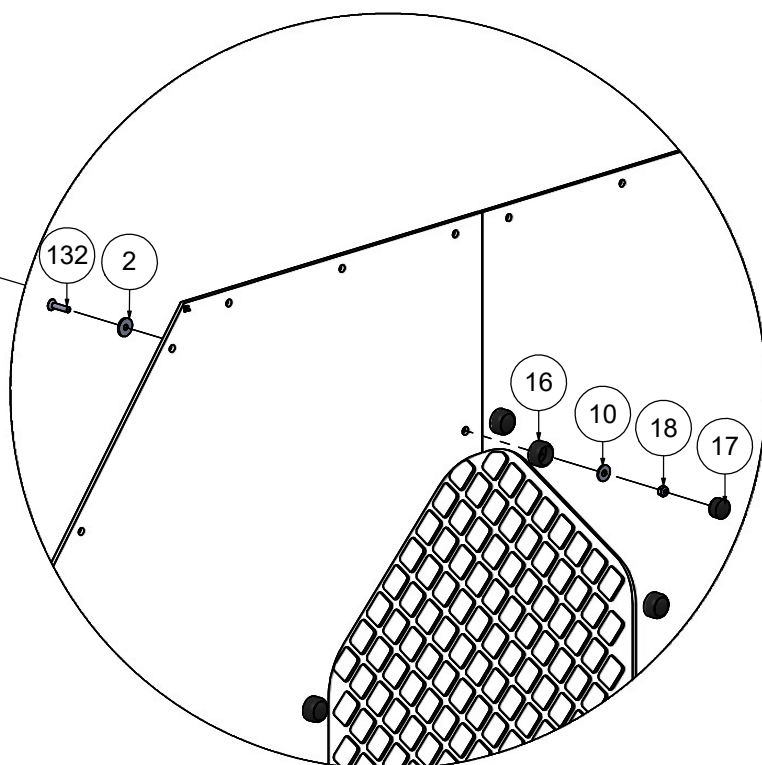
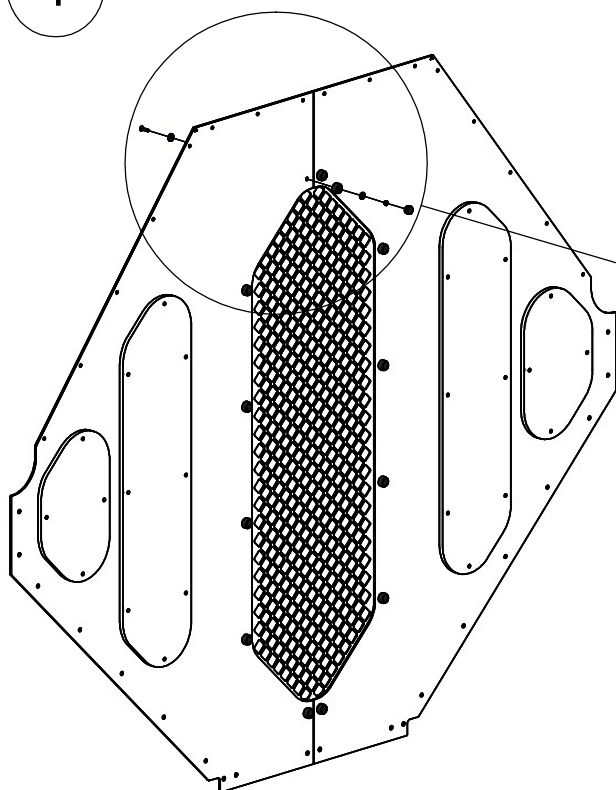


Nr. 4, 5

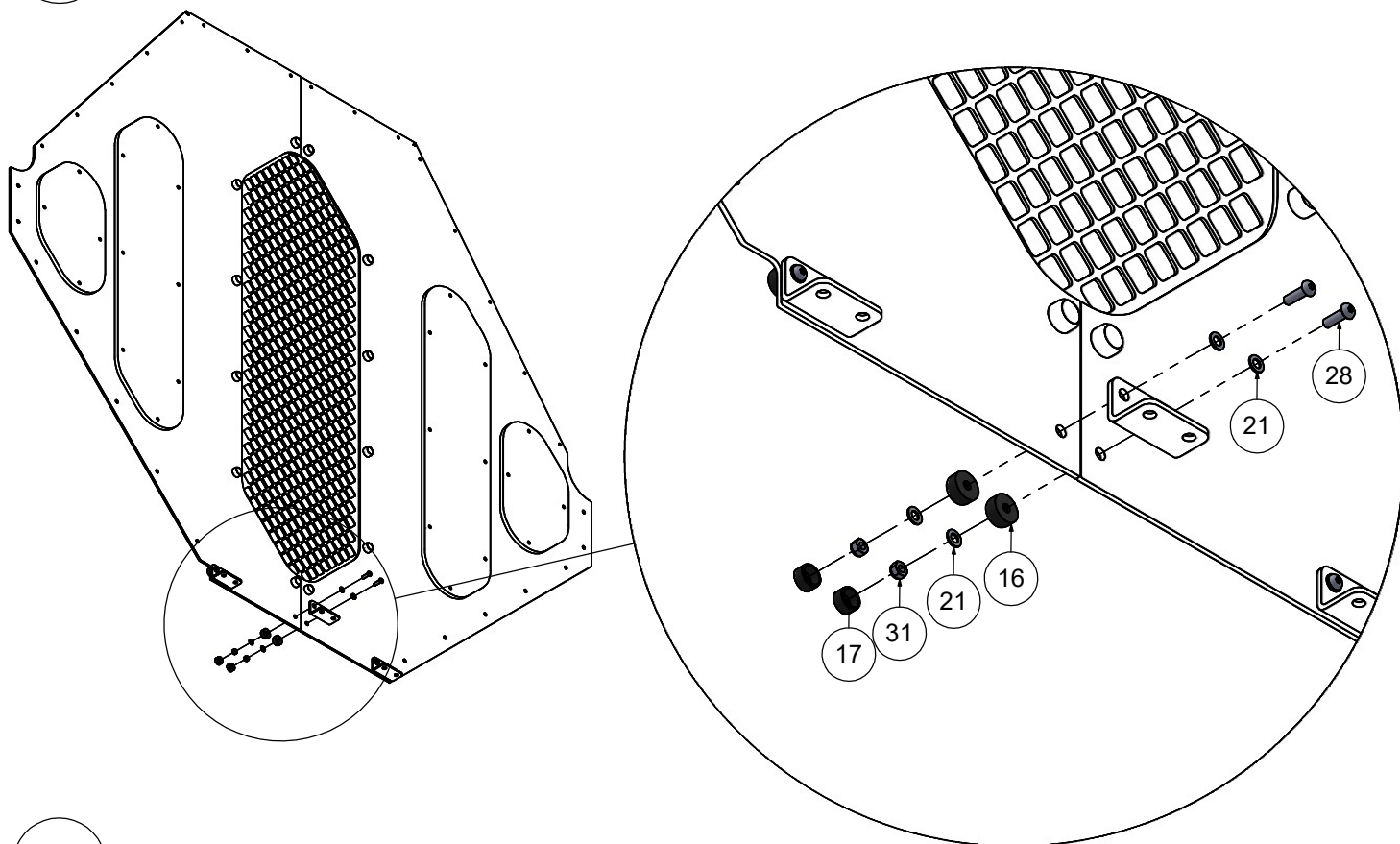
Nr. 10, 13

Nr	Σ	Element		
2	12		-	W6x60
10	12		DIN 9021	6x18
16	28		-	K1_d21_B
17	28		-	Z1_d21_B
18	12		DIN 985	M6 (OC)
21	32		DIN 125	8x16
28	10		ISO 7380	M8x25
31	16		DIN 985	M8 (OC)
45	6		ISO 7380	M8x30
132	12		DIN 7991	M6x25

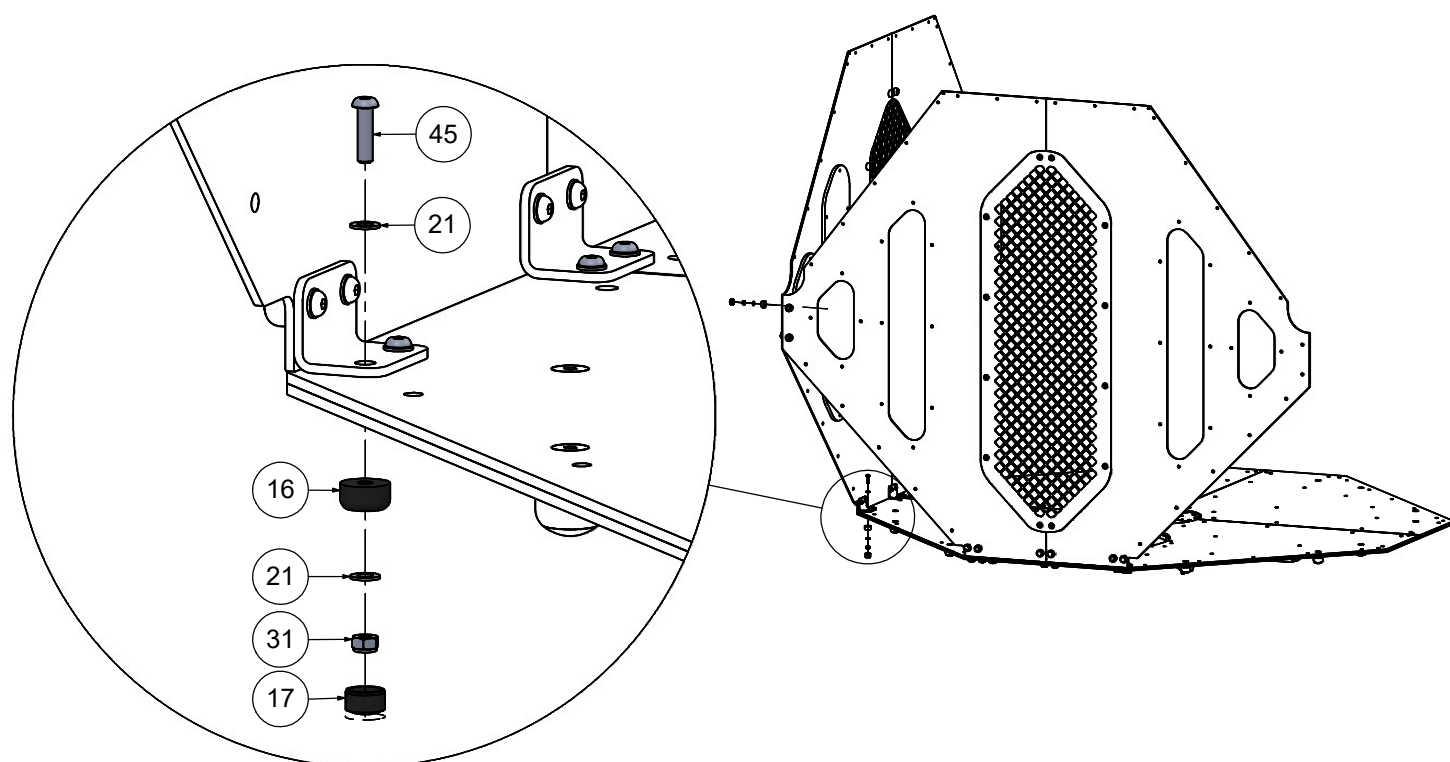
1



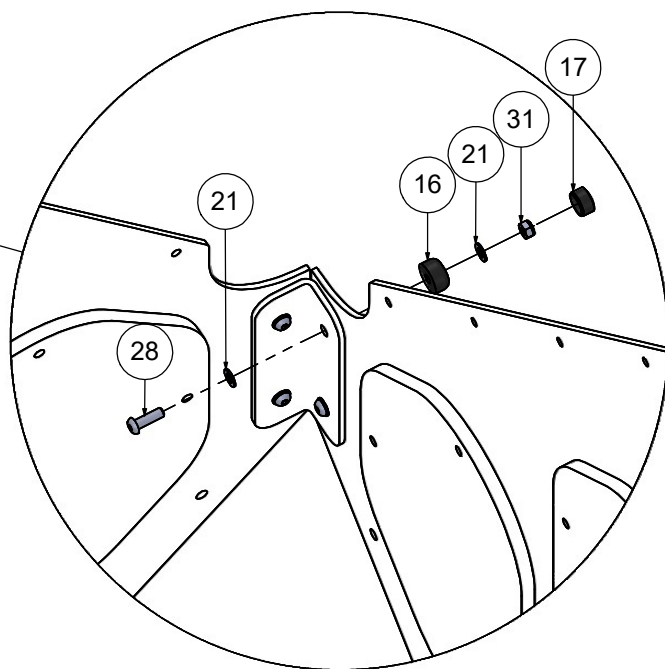
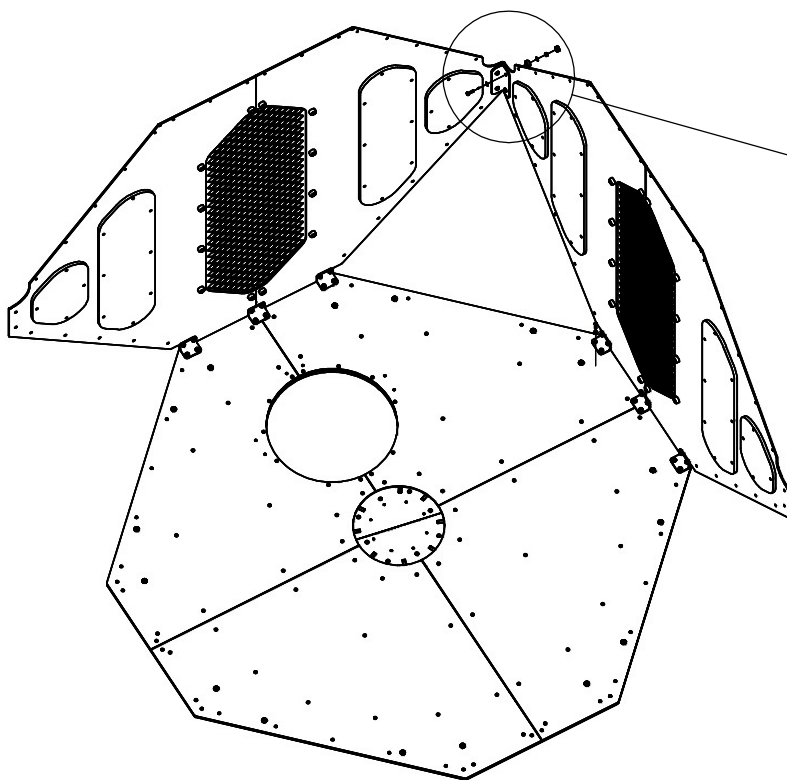
2



3



3










INST_14_39A



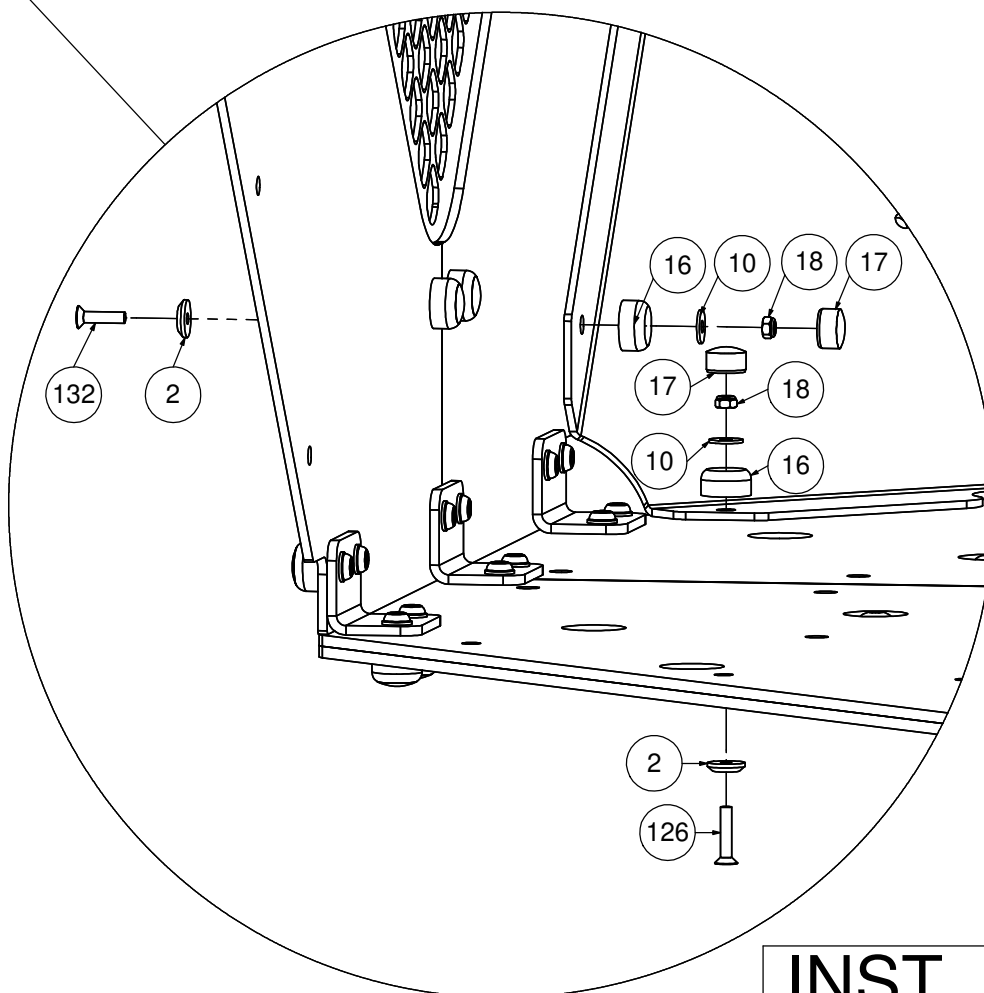
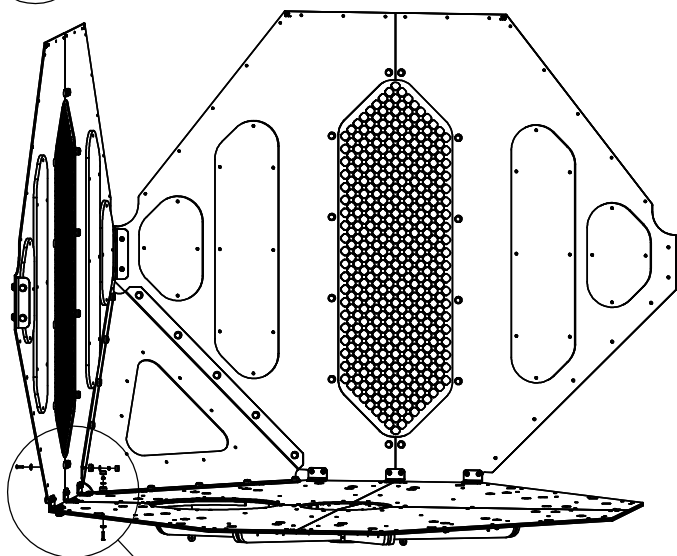
Nr. 4



Nr. 10

Nr	Σ	Element		
2	15		-	W6x60
10	15		DIN 9021	6x18
16	15		-	K1_d21_B
17	15		-	Z1_d21_B
18	15		DIN 985	M6 (OC)
126	5		DIN 7991	M6x30
132	10		DIN 7991	M6x25

1









INST_14_39B



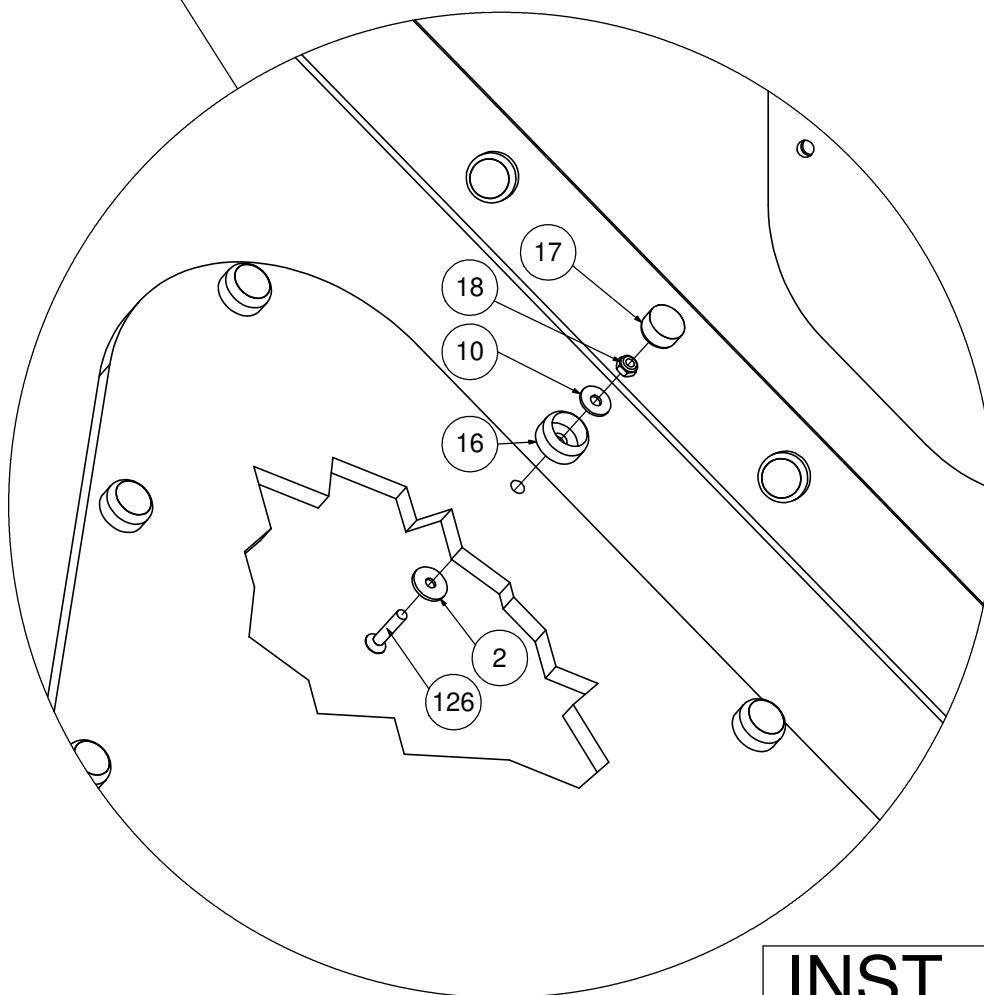
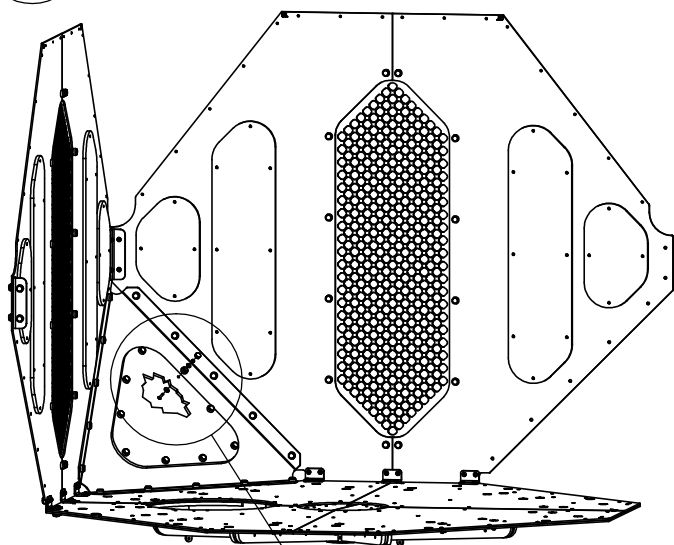
Nr. 4



Nr. 10

Nr	Σ	Element		
2	9		-	W6x60
10	9		DIN 9021	6x18
16	9		-	K1_d21_B
17	9		-	Z1_d21_B
18	9		DIN 985	M6 (OC)
126	9		DIN 7991	M6x30

1



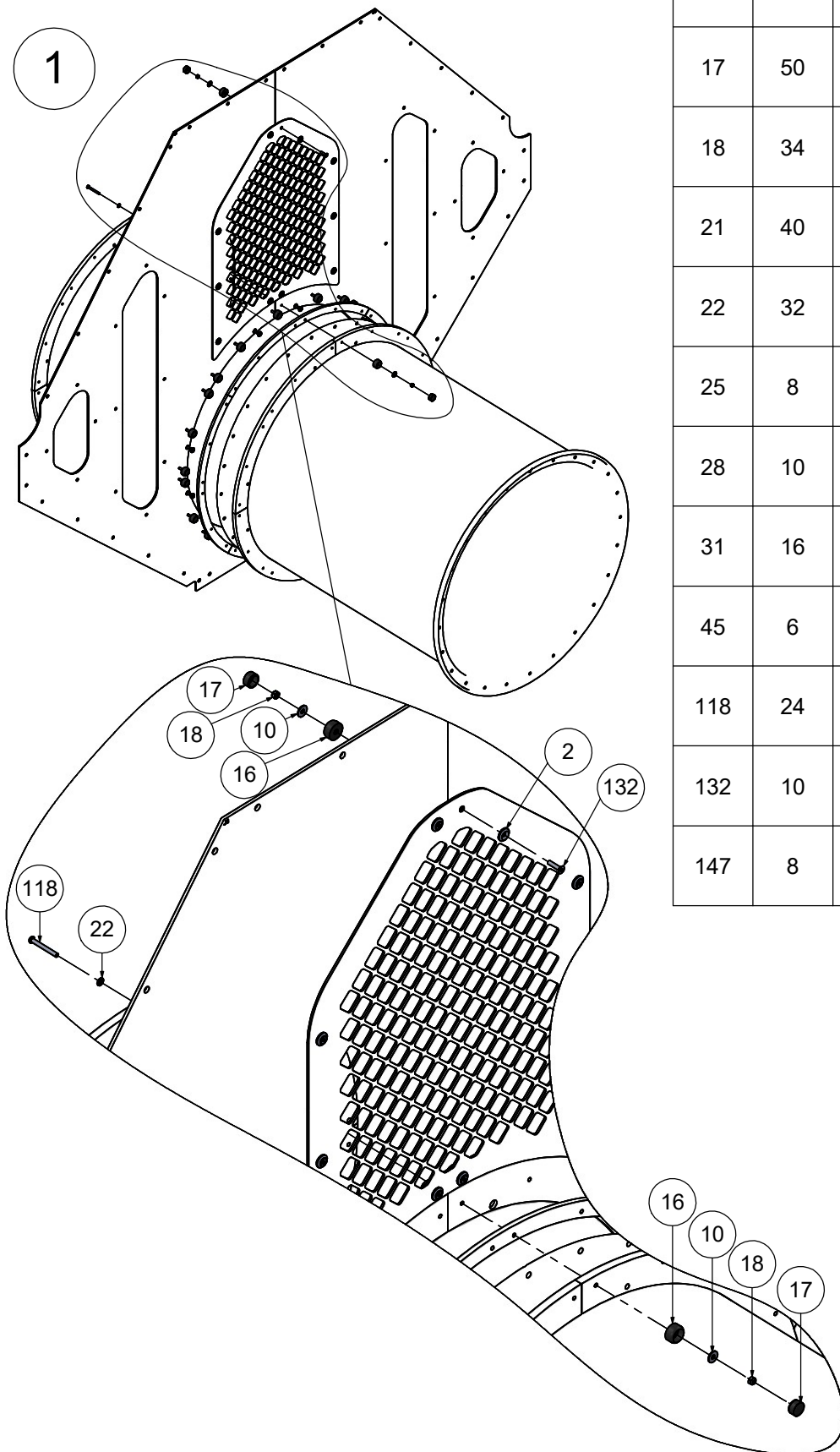
INST_14_40



Nr. 4, 5

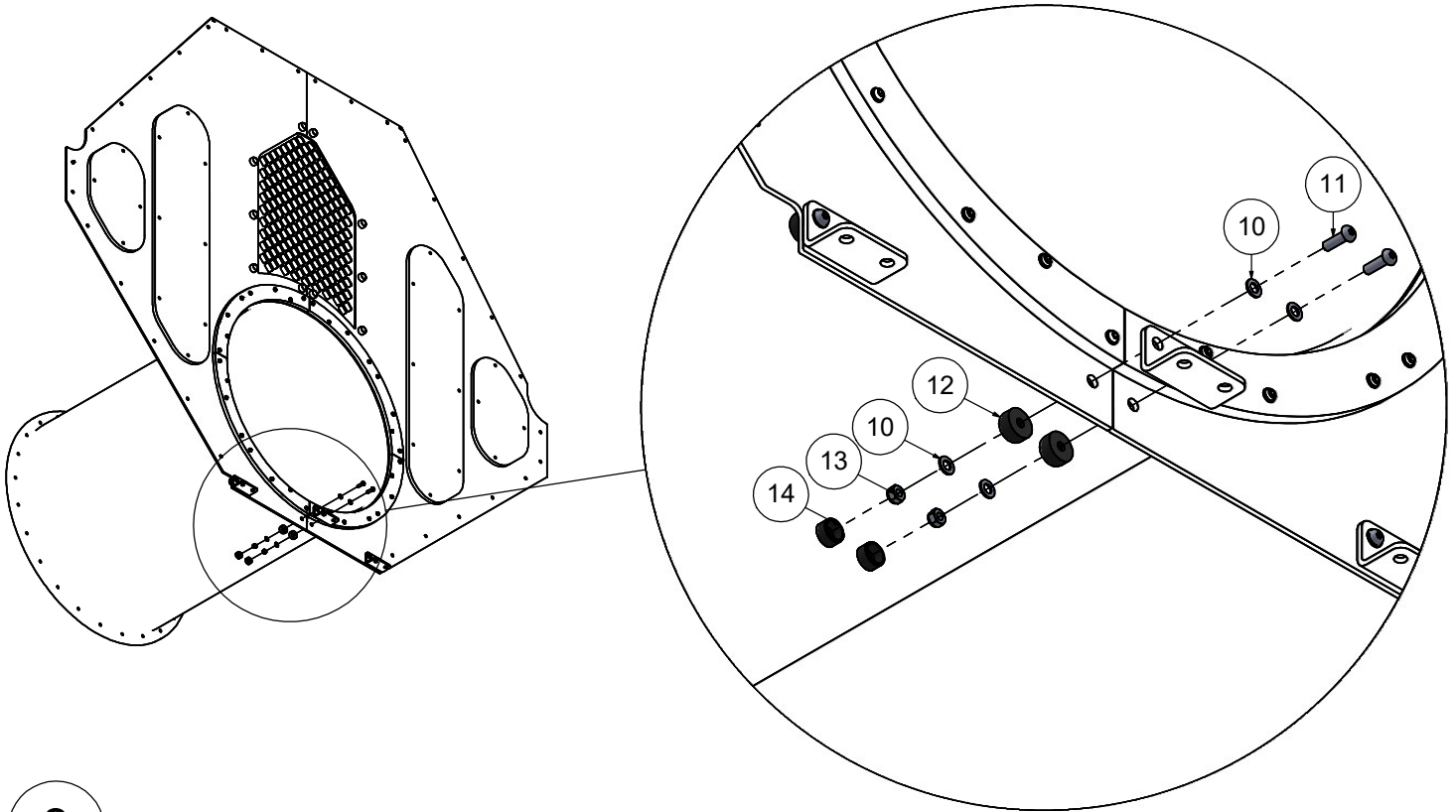
Nr. T30

Nr. 10, 13

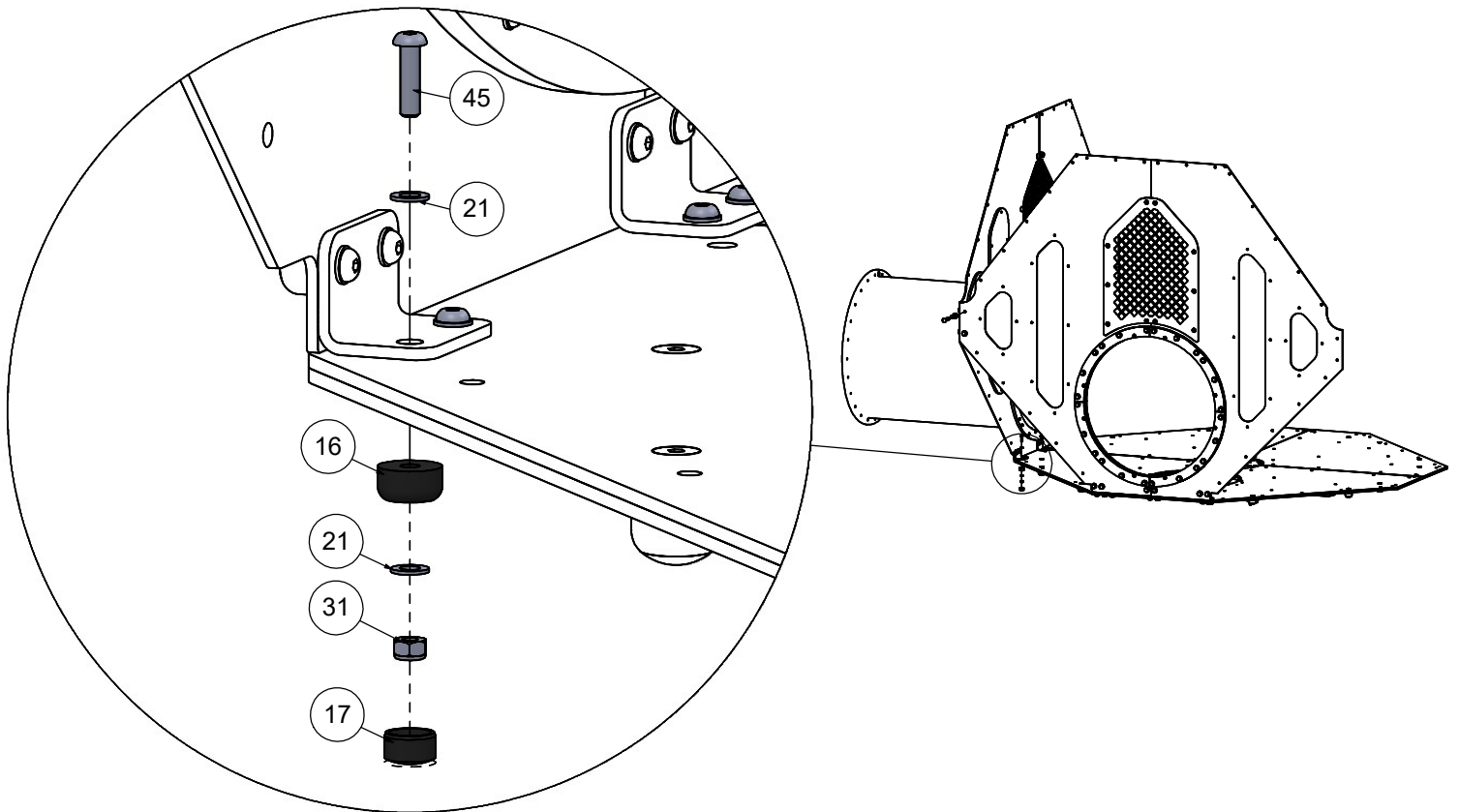


Nr	Σ	Element		
2	10		-	W6x60
10	34		DIN 9021	6x18
16	50		-	K1_d21_B
17	50		-	Z1_d21_B
18	34		DIN 985	M6 (OC)
21	40		DIN 125	8x16
22	32		DIN 125	6x12
25	8		ISO 7380	M6x35
28	10		ISO 7380	M8x25
31	16		DIN 985	M8 (OC)
45	6		ISO 7380	M8x30
118	24		ISO 7380	M6x50
132	10		DIN 7991	M6x25
147	8		-	M6x10

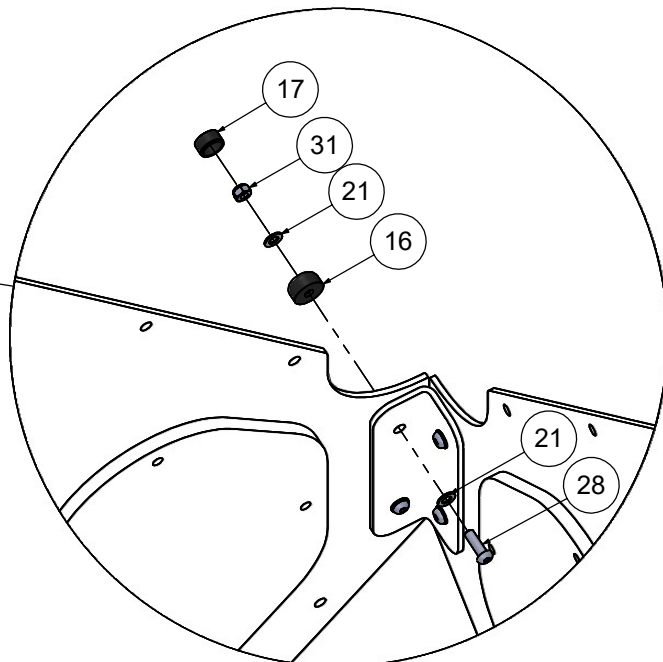
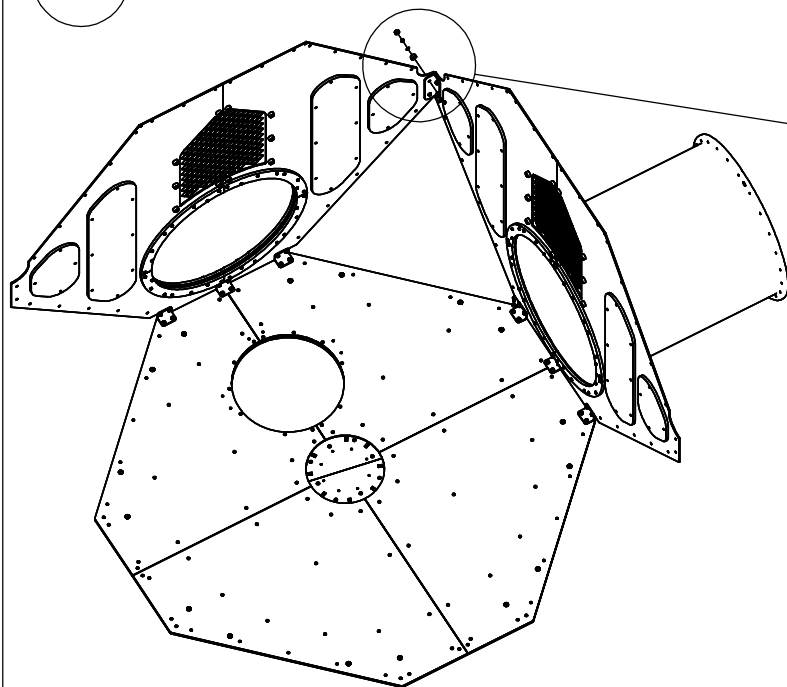
2



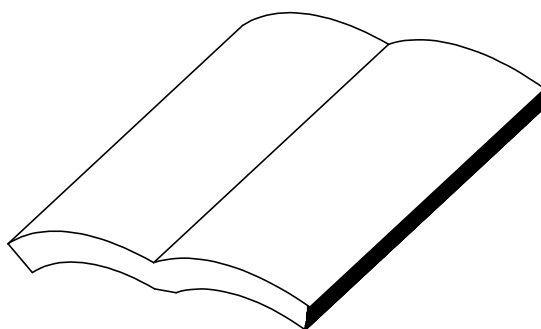
3



3

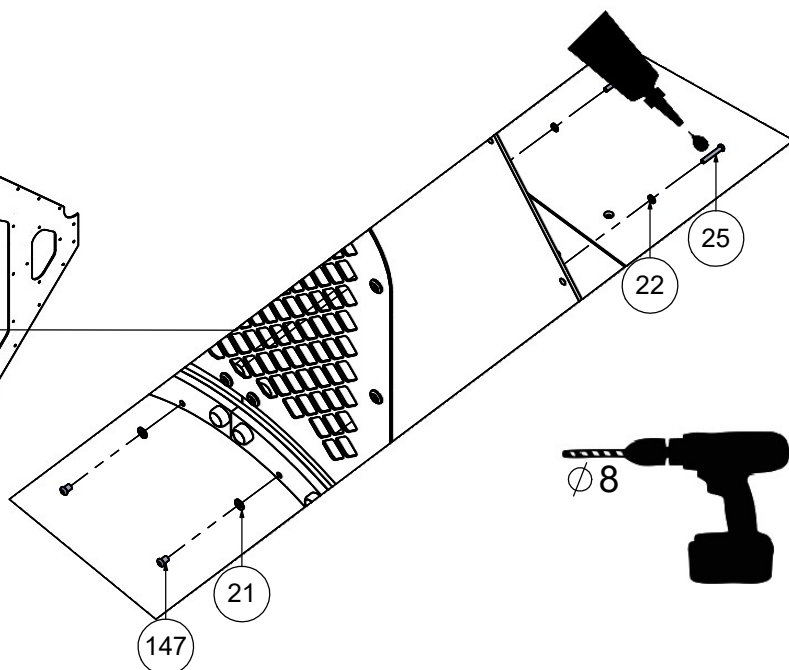
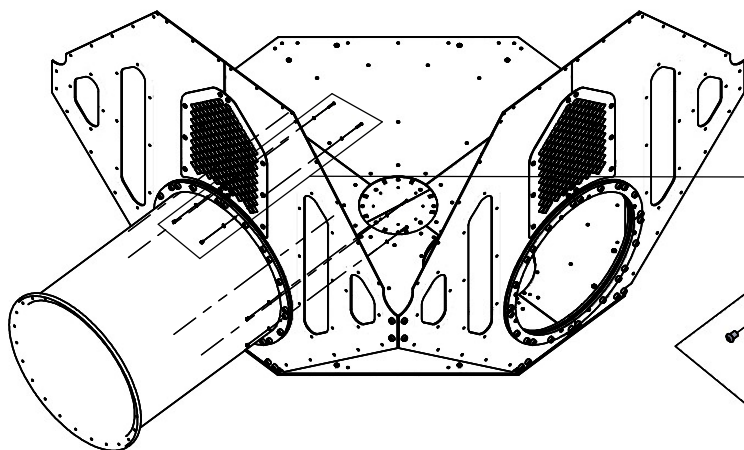


4






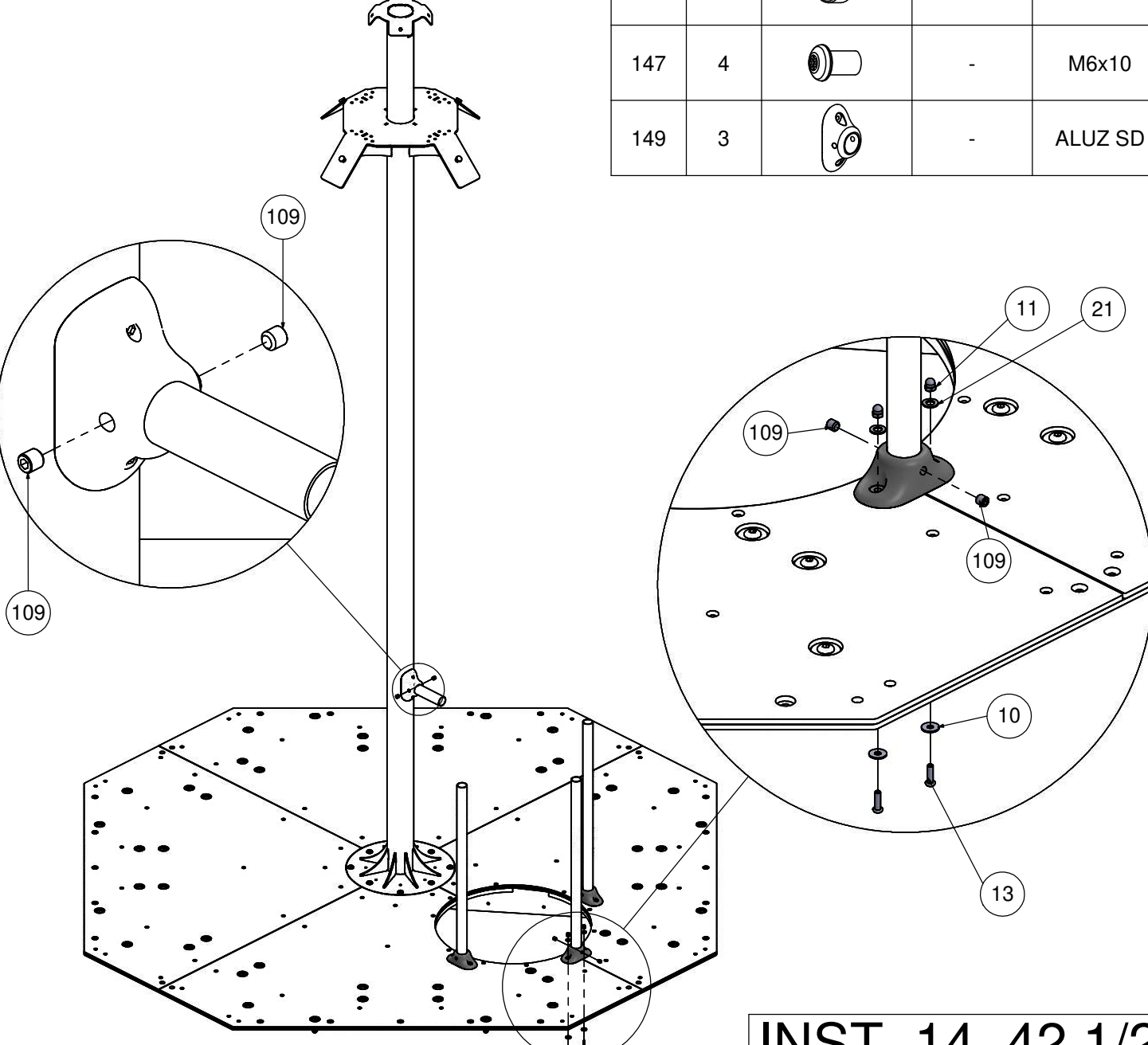
MTS....

5



1

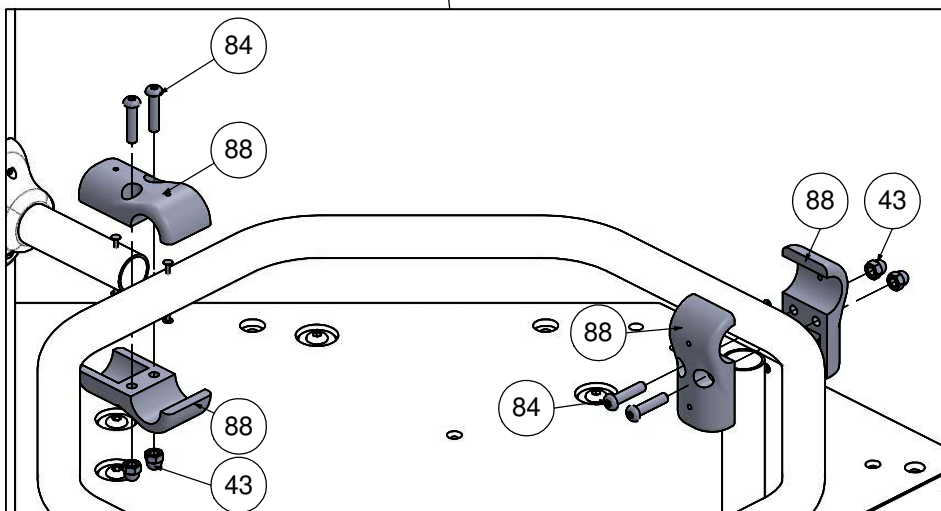
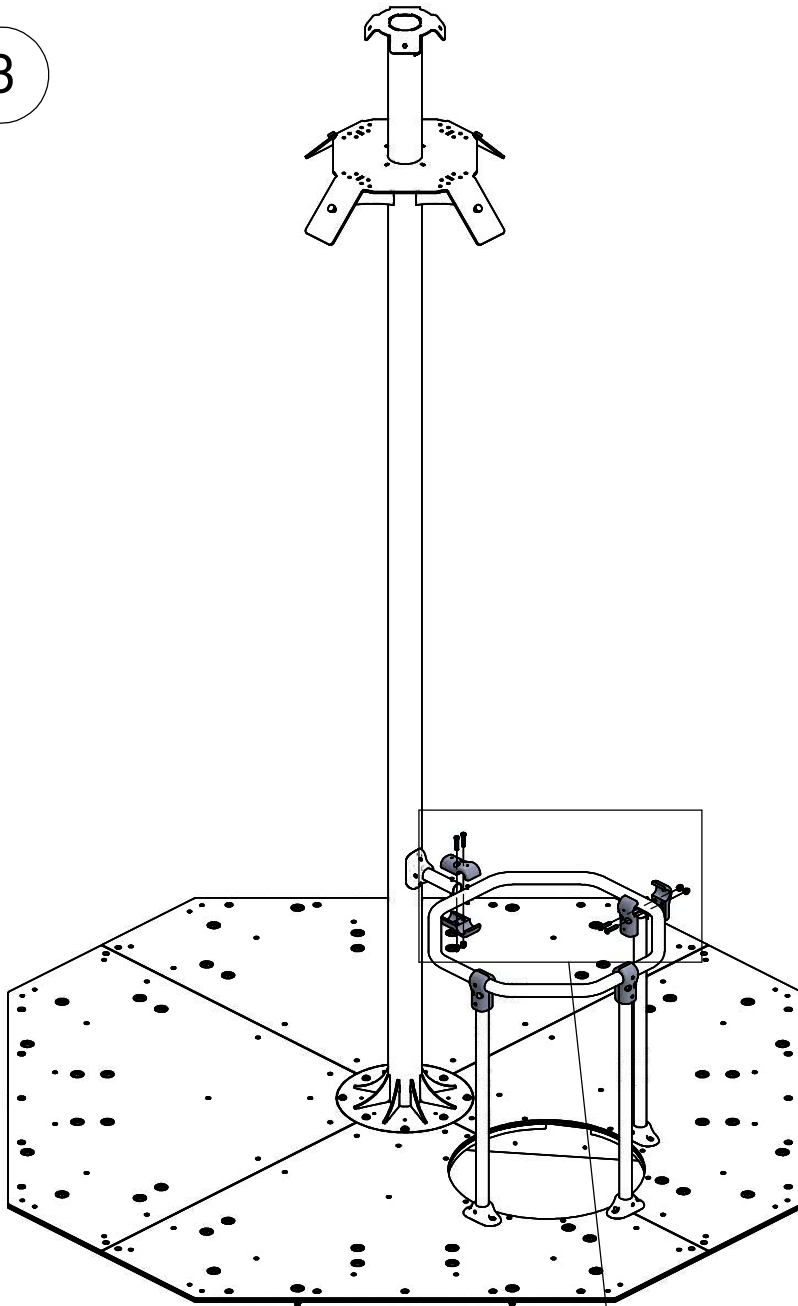
109	9		DIN 913	10x10
147	4		-	M6x10
149	3		-	ALUZ SD



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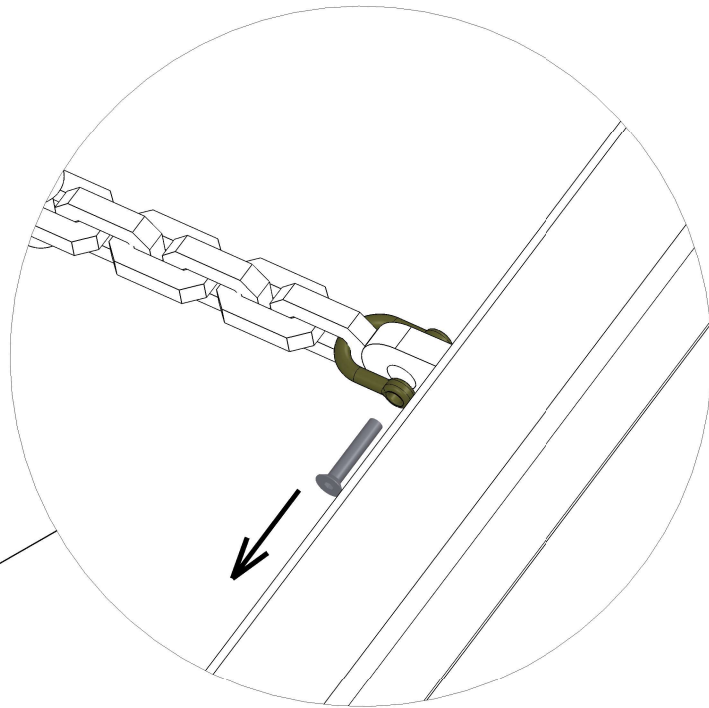
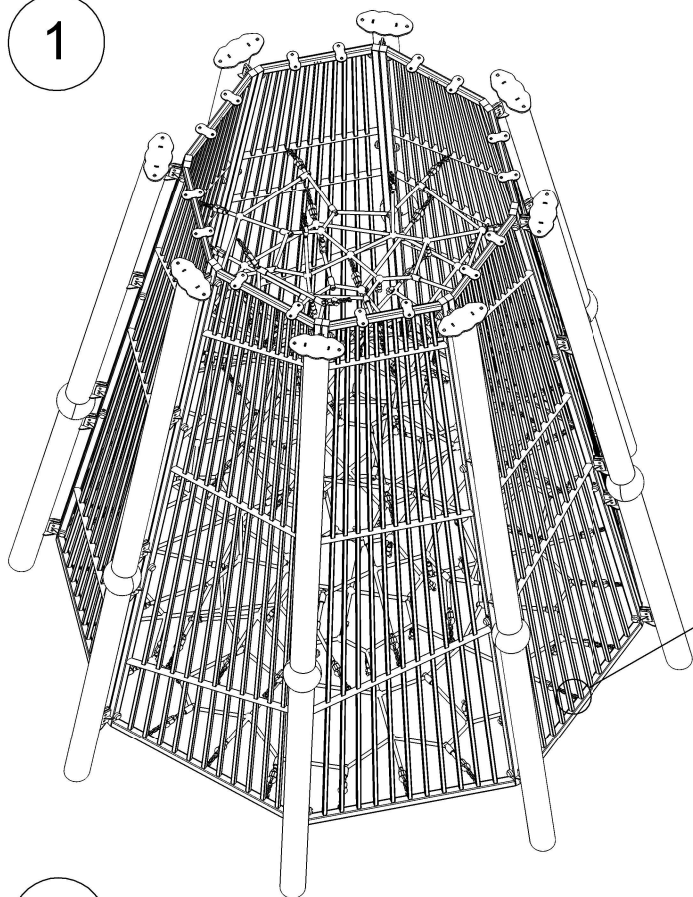
3



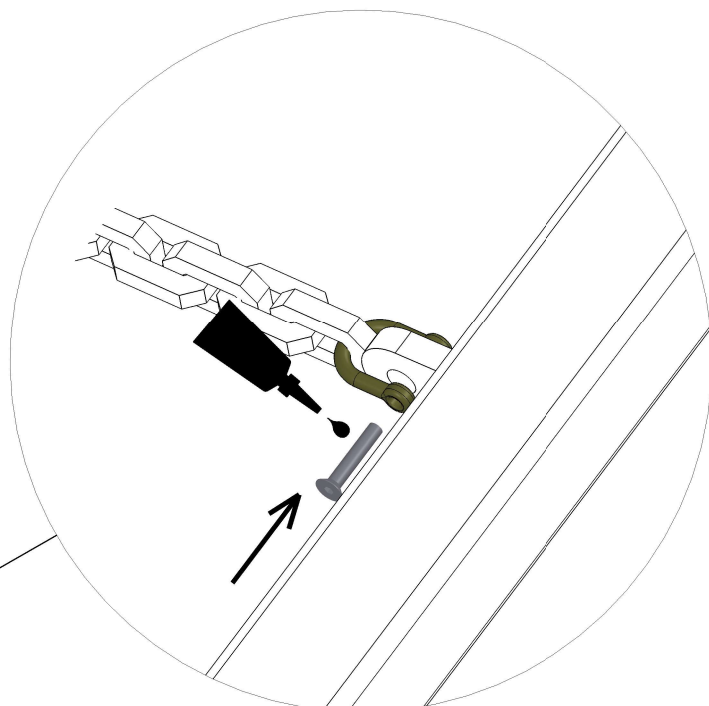
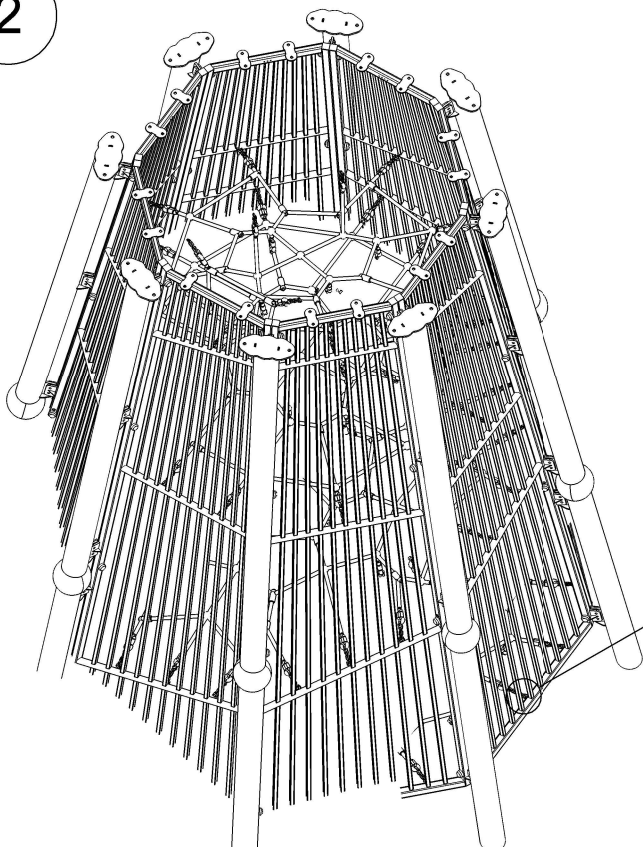


Nr. 3

1



2

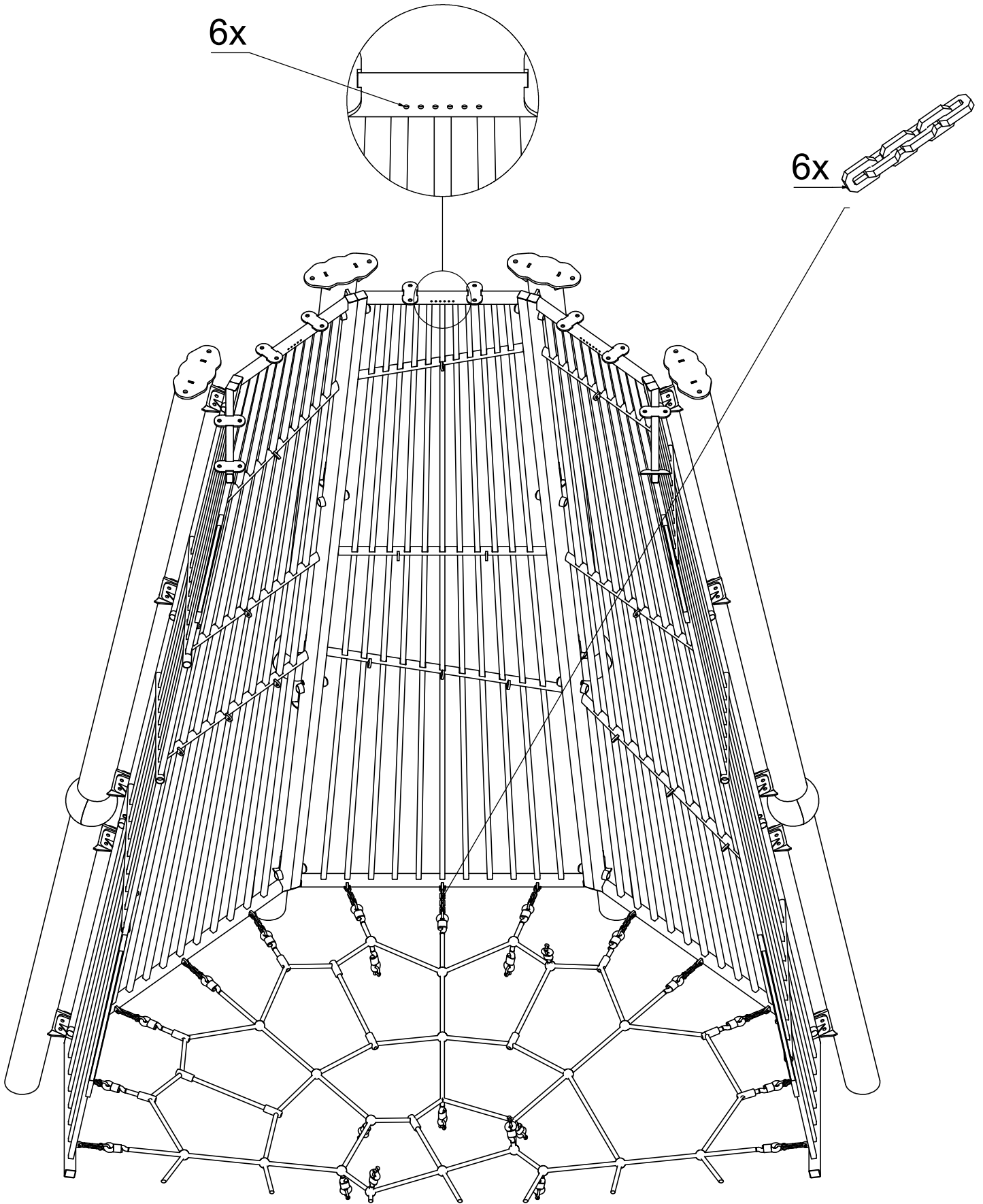


Nr	Σ	Element		
58	1		-	LOCTITE
61	36		-	KL105 (OC)

3

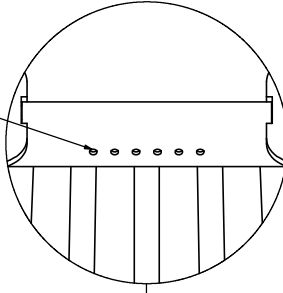
6x

6x

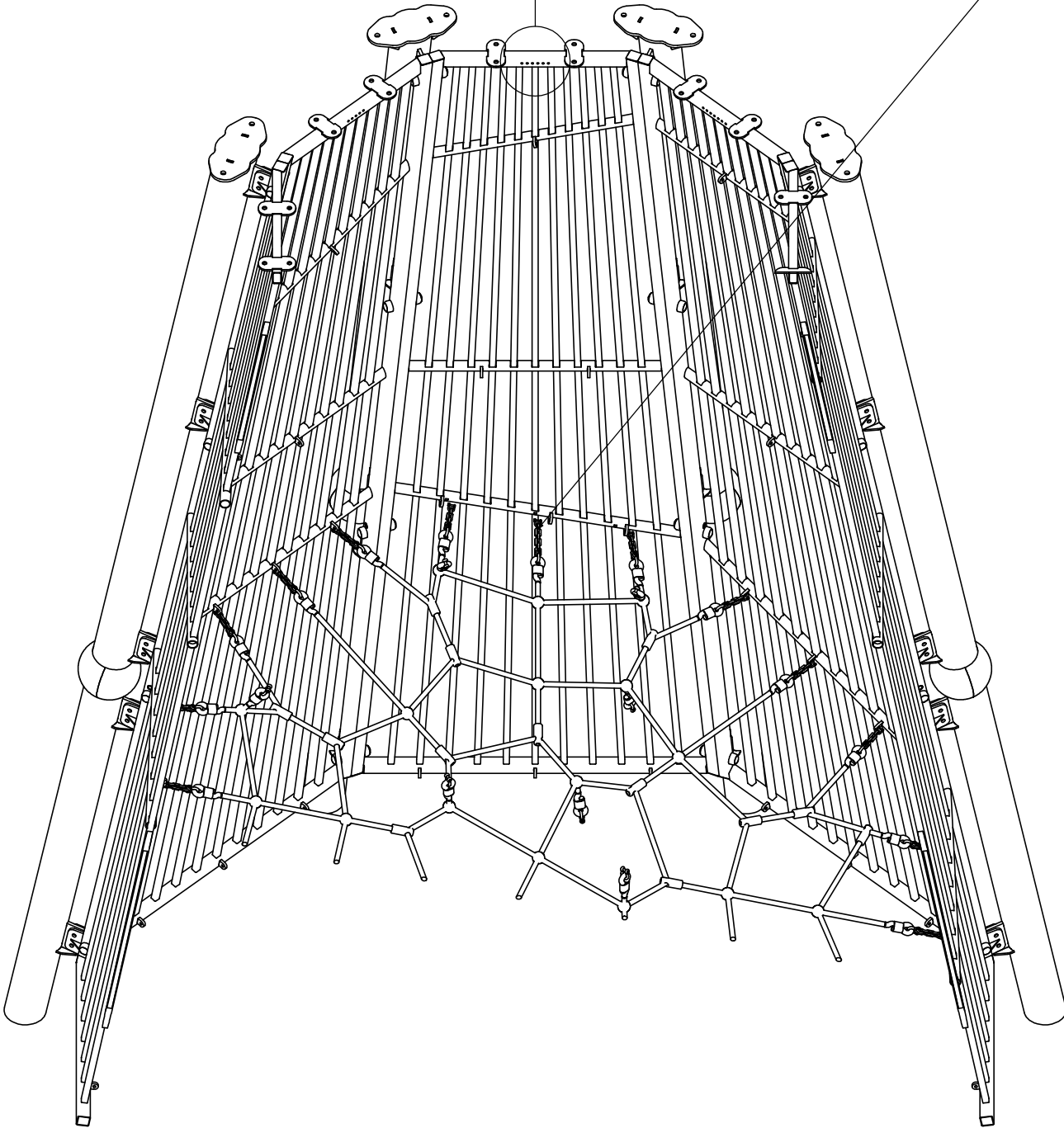
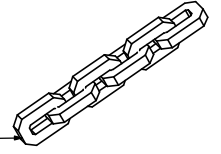


4

6x



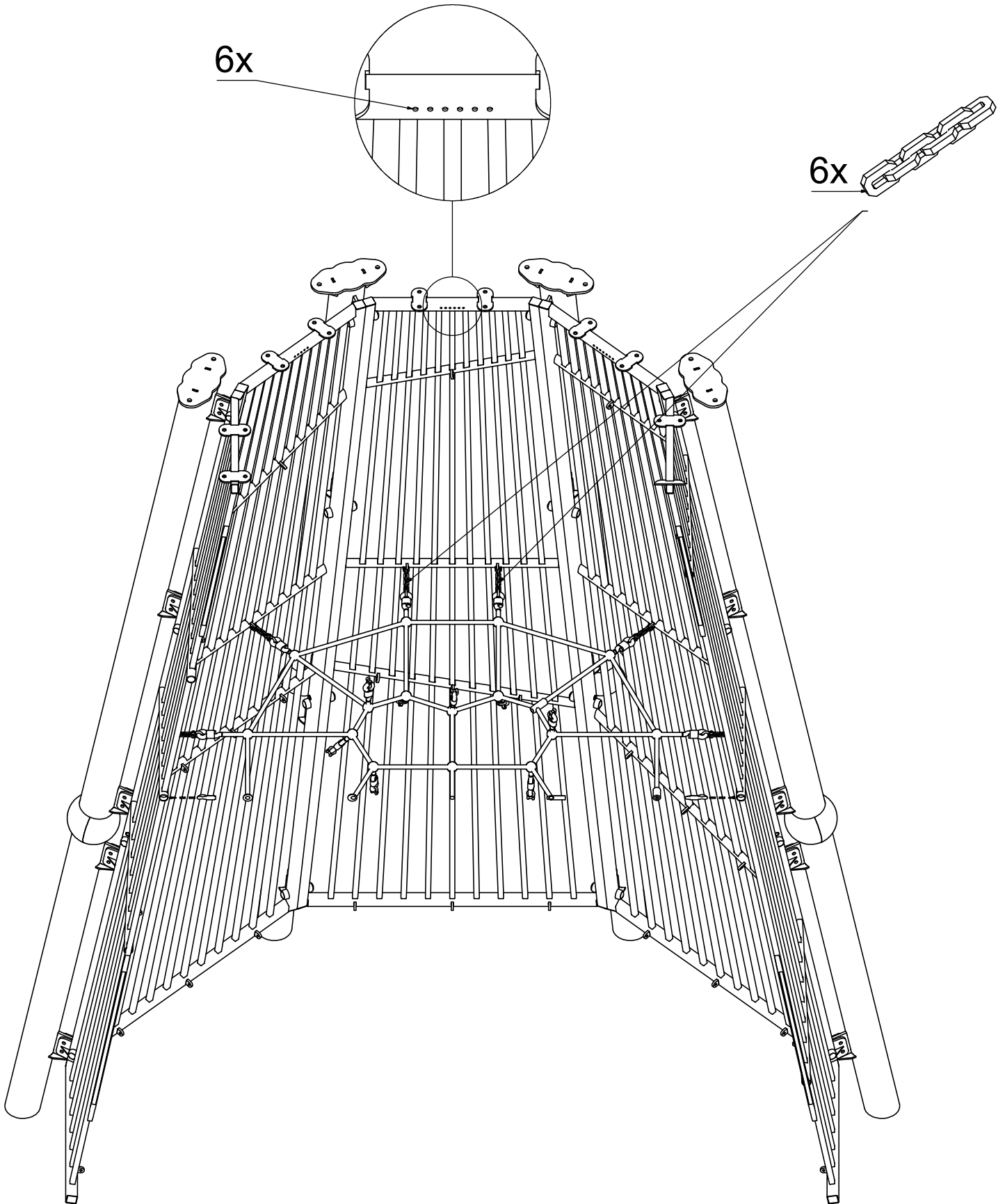
6x



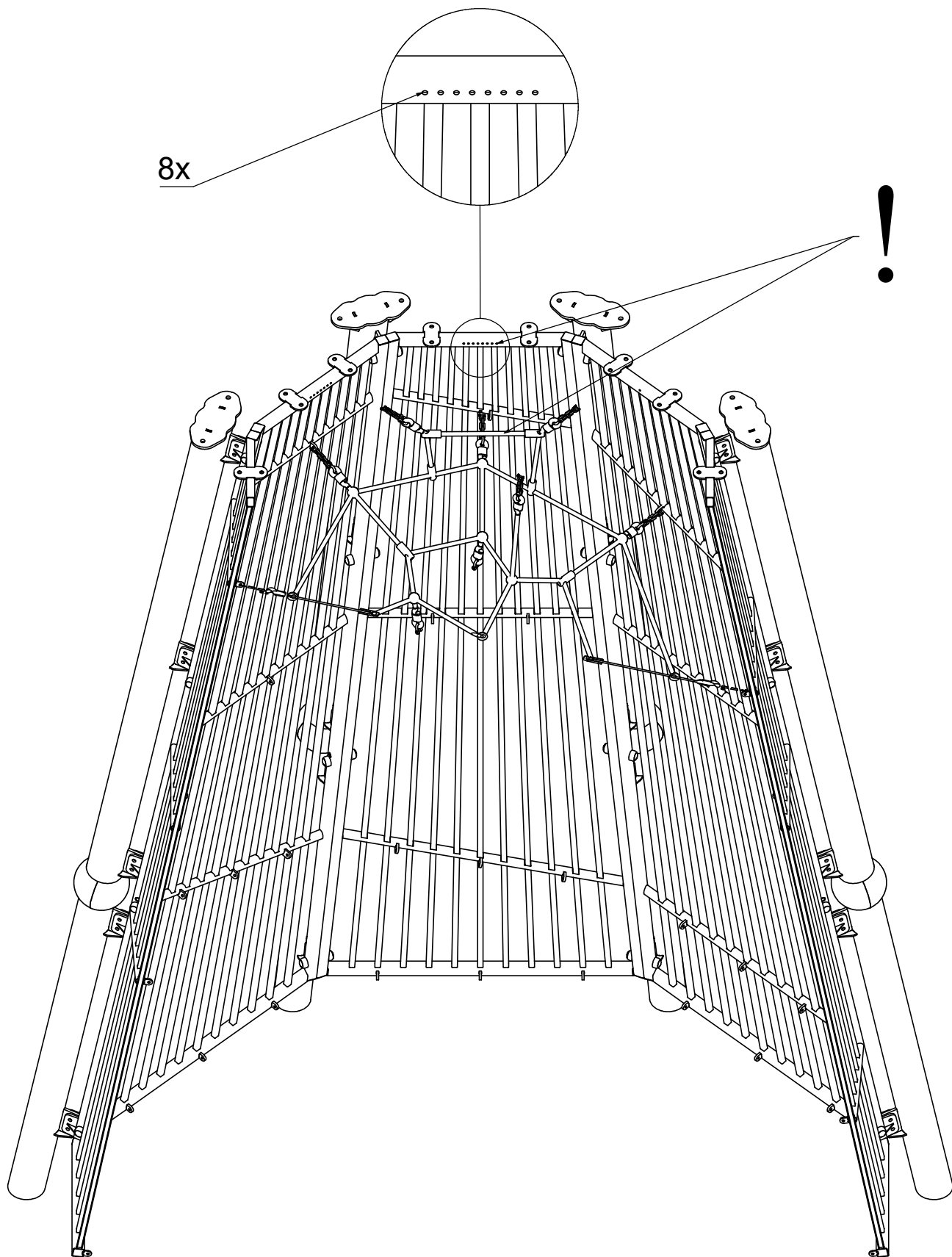
5

6x

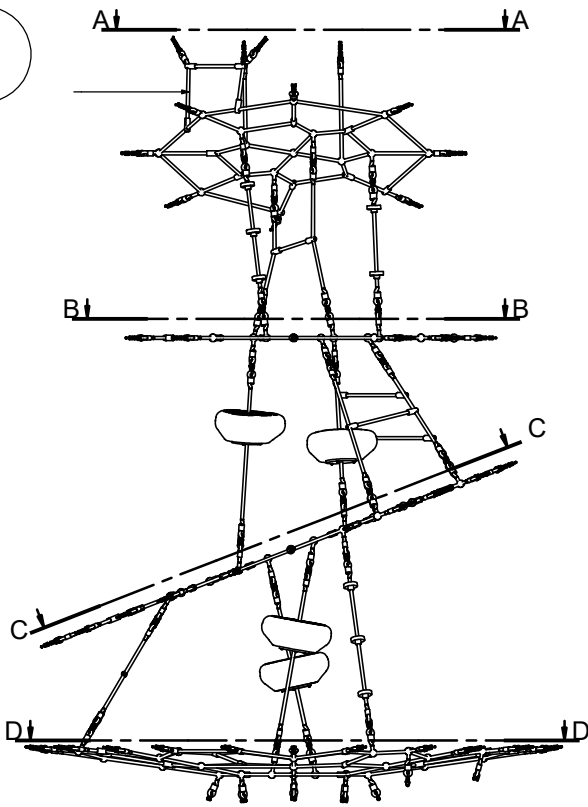
6x



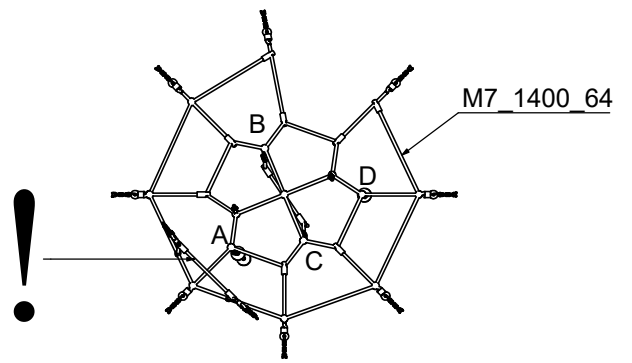
6



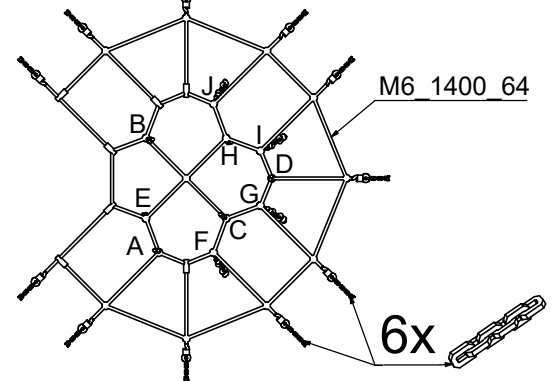
7



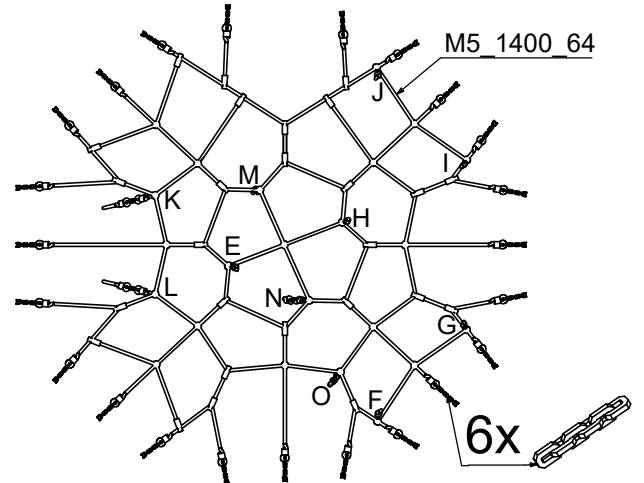
A-A (1 : 40)



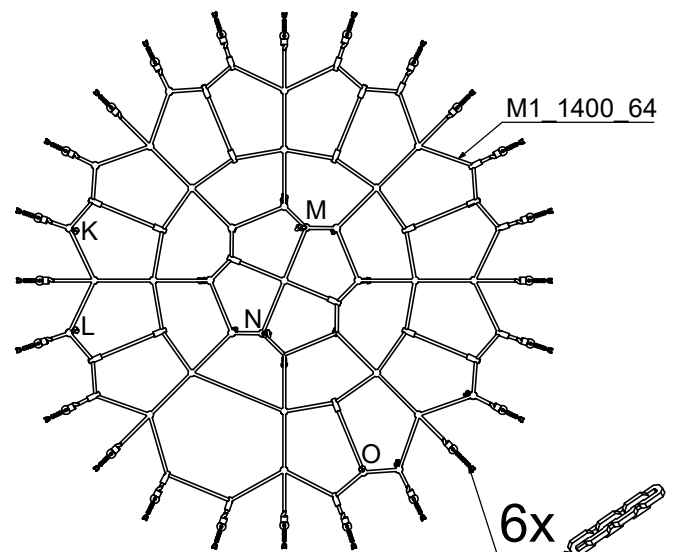
B-B (1 : 40)



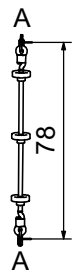
C-C (1 : 40)



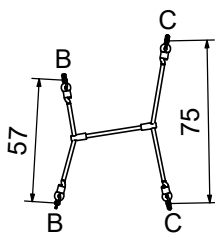
D-D (1 : 40)



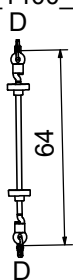
M17_1400_64



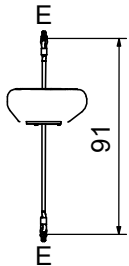
M16_1400_64



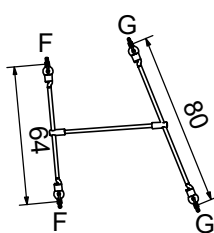
M18_1400_64



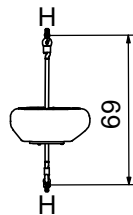
M13_1400_64



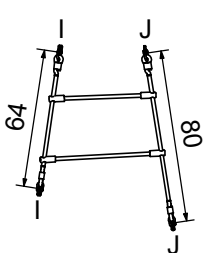
M15_1400_64



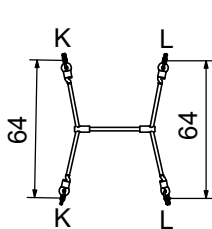
M12_1400_64



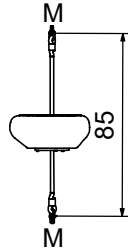
M14_1400_64



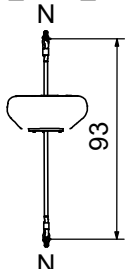
M8_1400_64



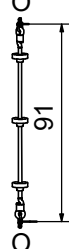
M11_1400_64



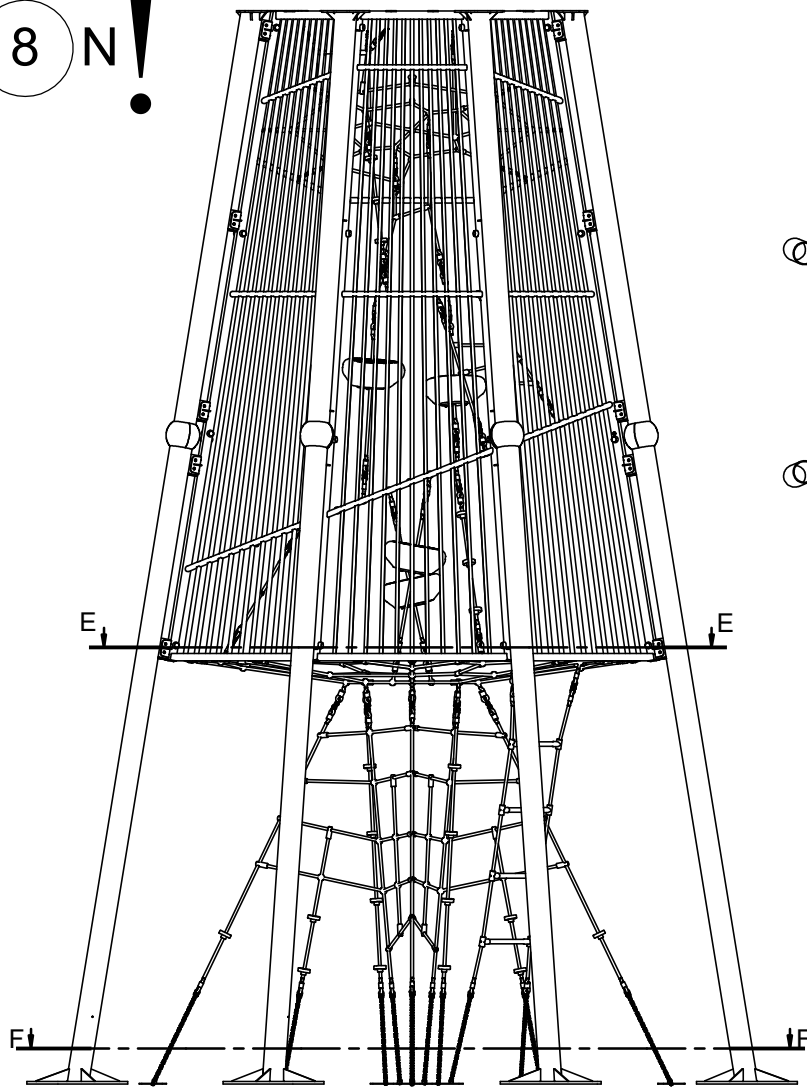
M9_1400_64



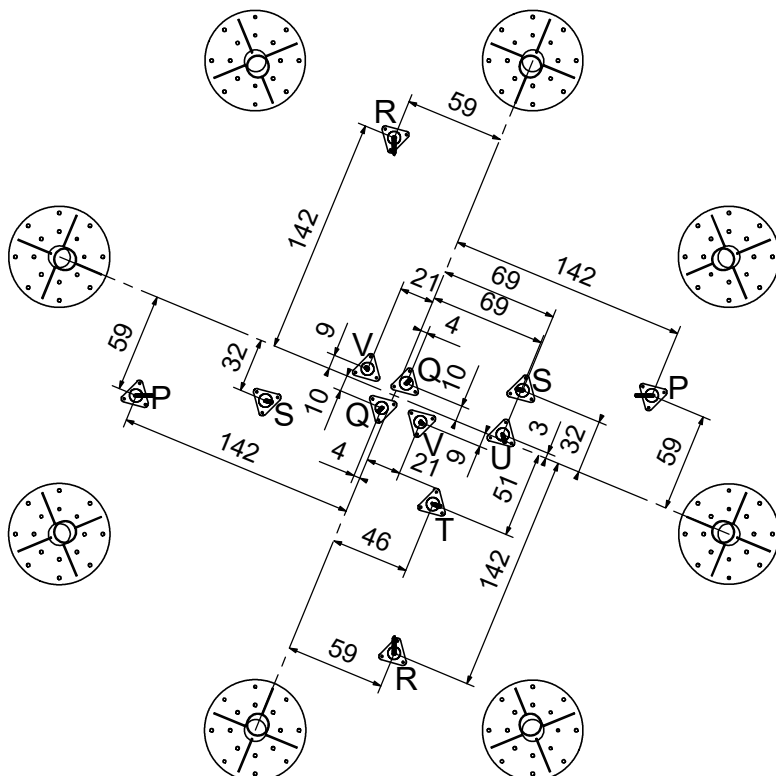
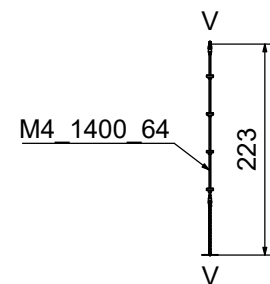
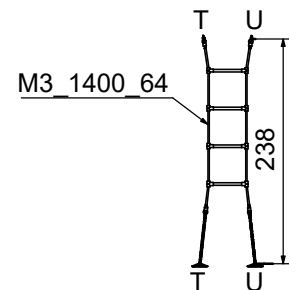
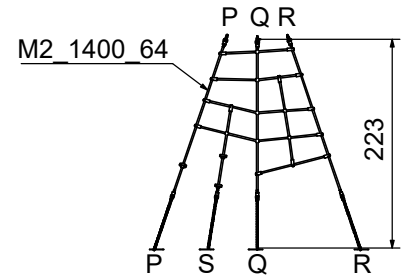
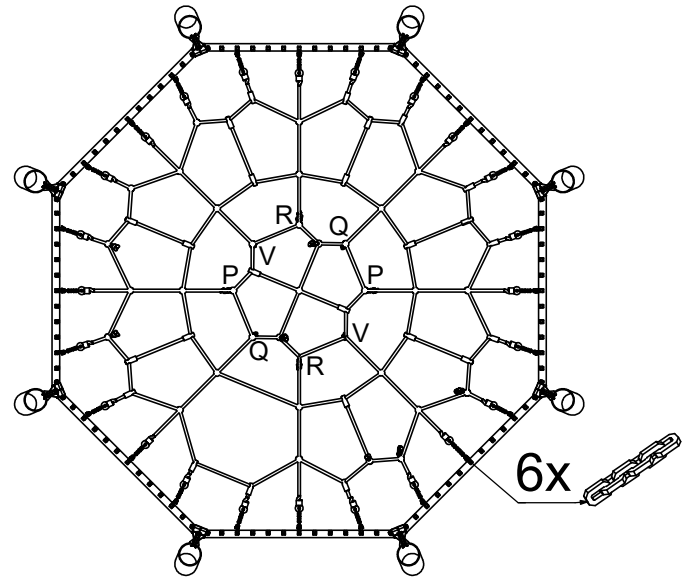
M10_1400_64



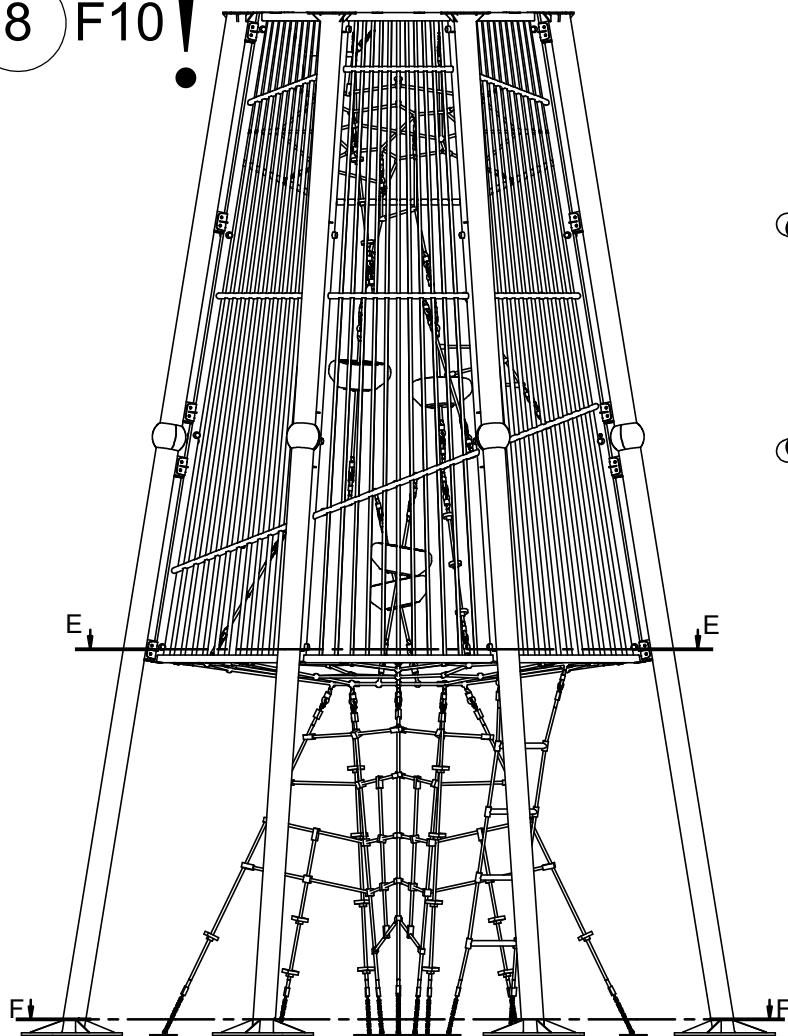
8 N!



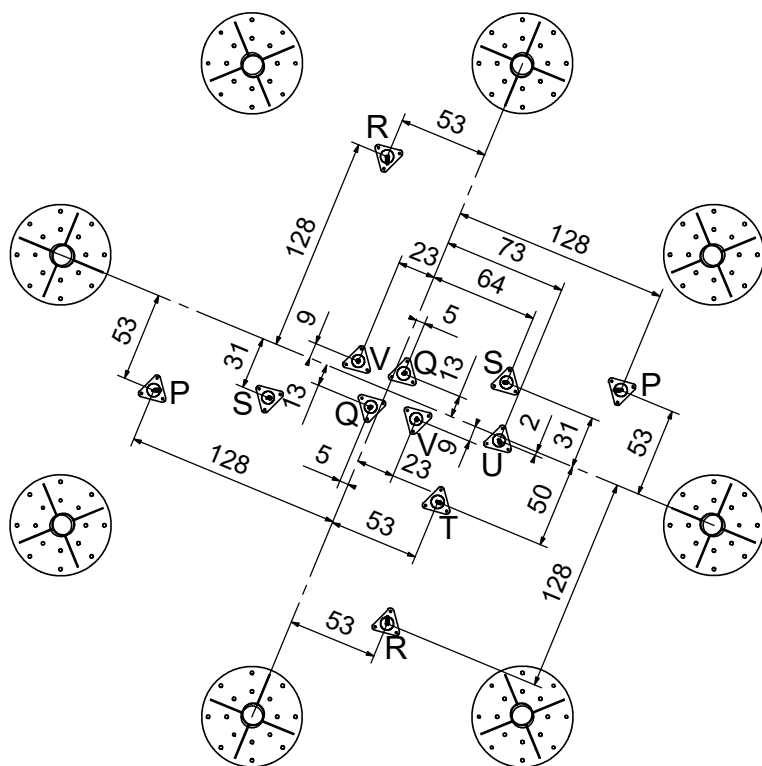
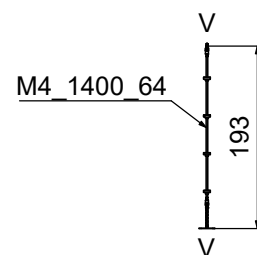
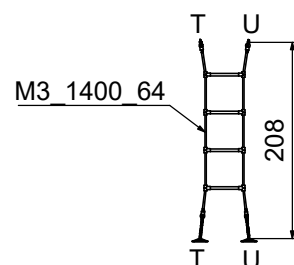
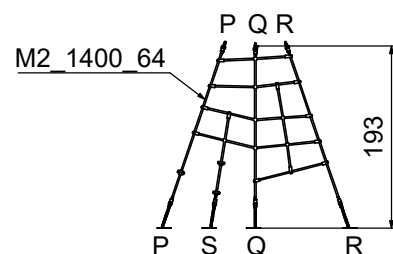
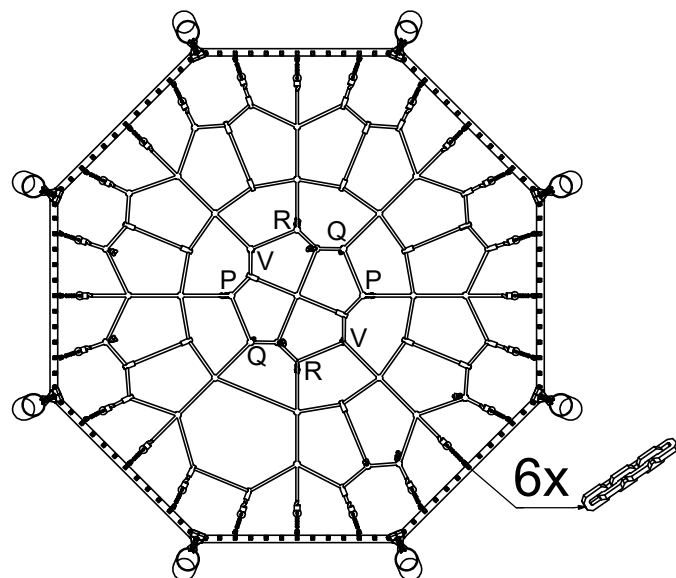
E-E (1 : 45)



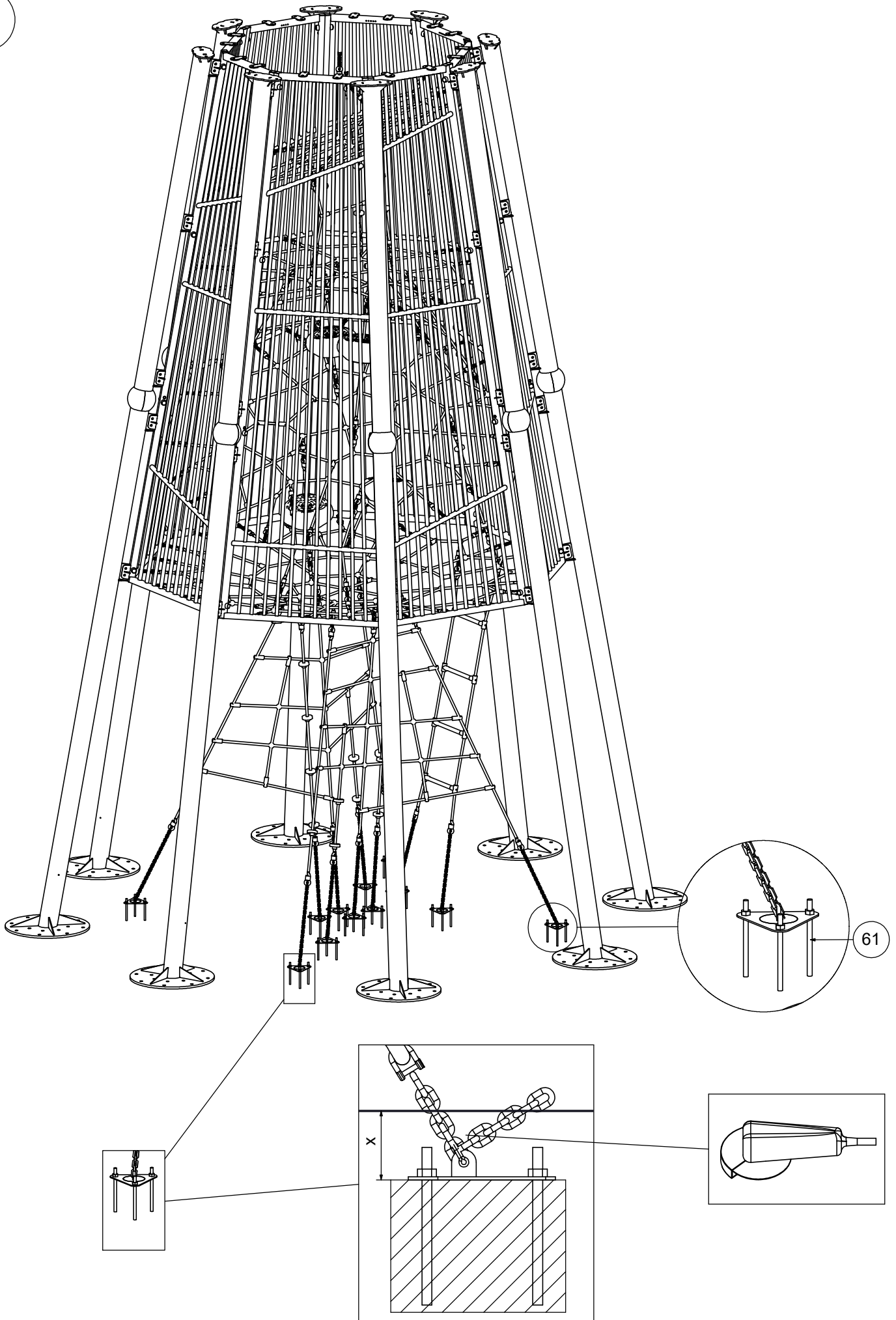
8 F10!



E-E (1 : 45)



9



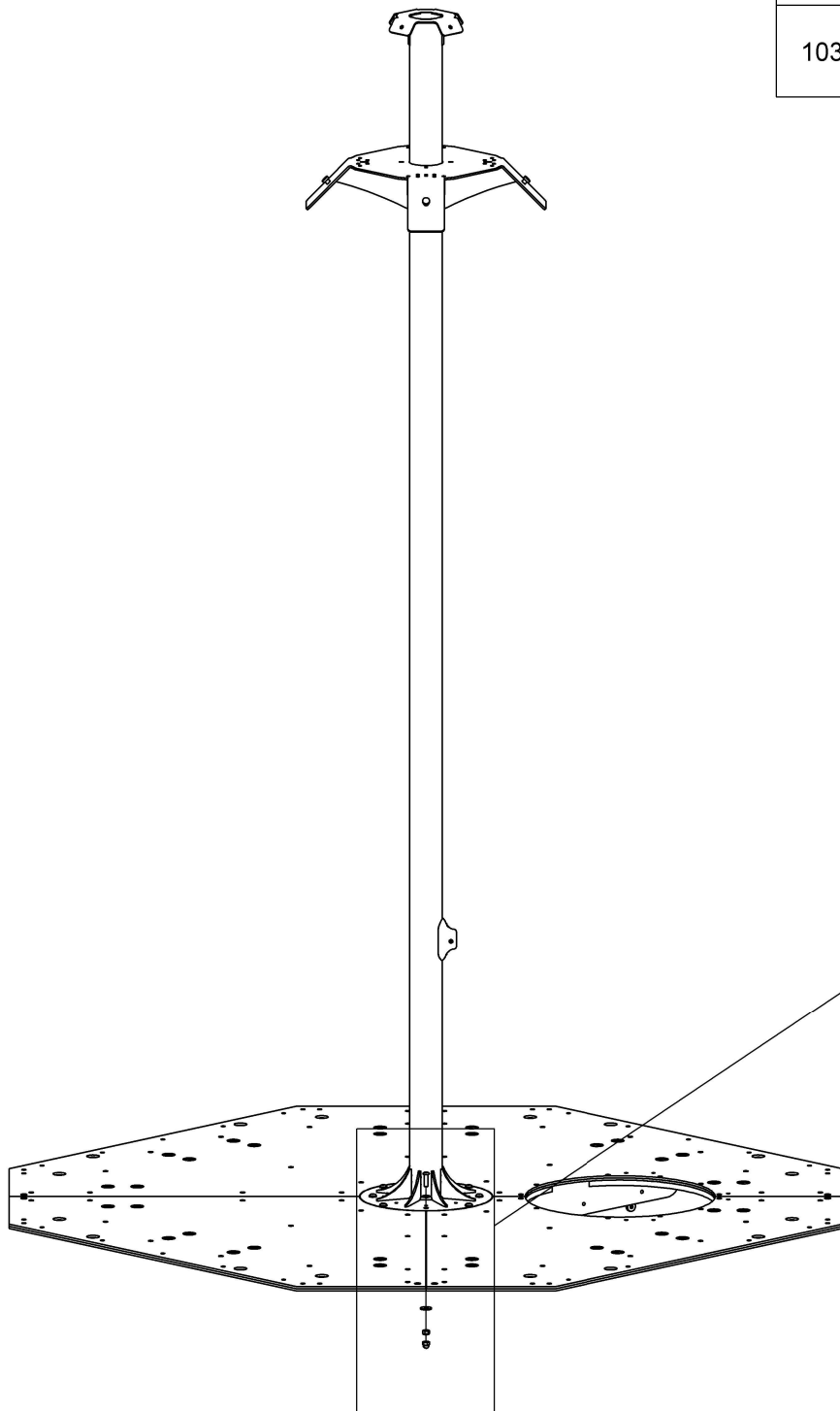
INST_14_68A





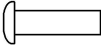



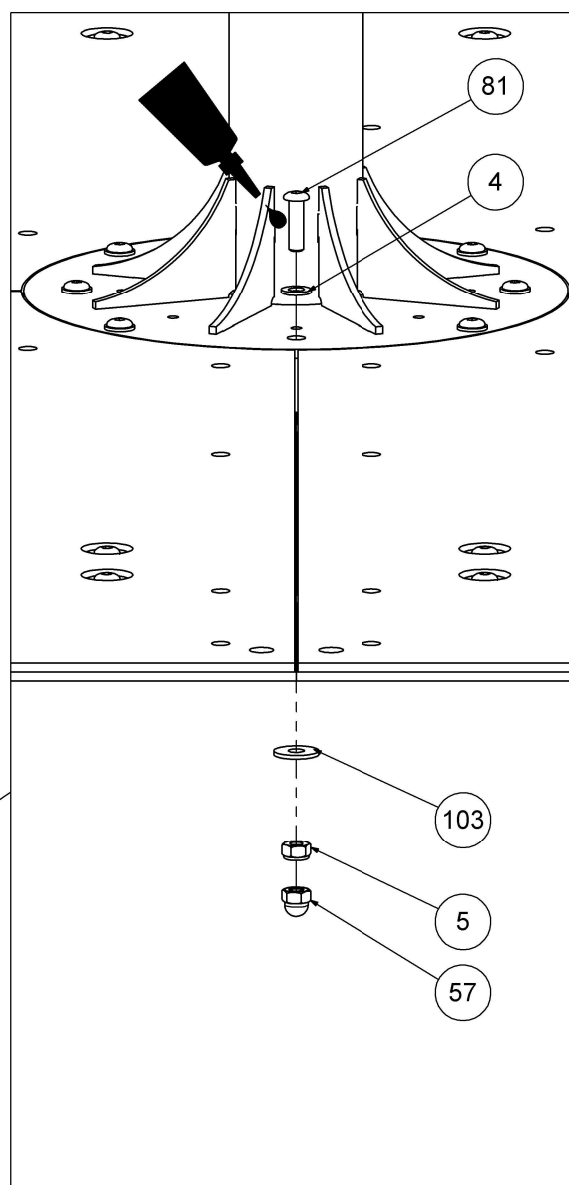
Nr. 6

Nr. 17

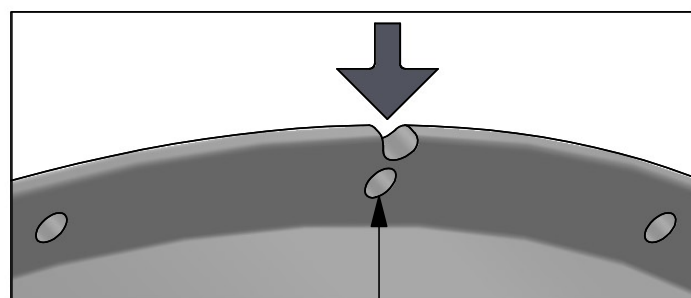
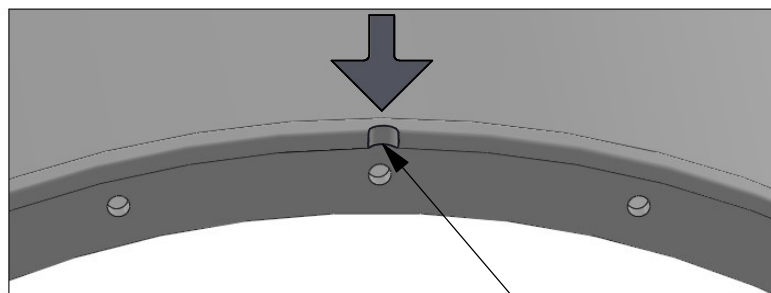
1



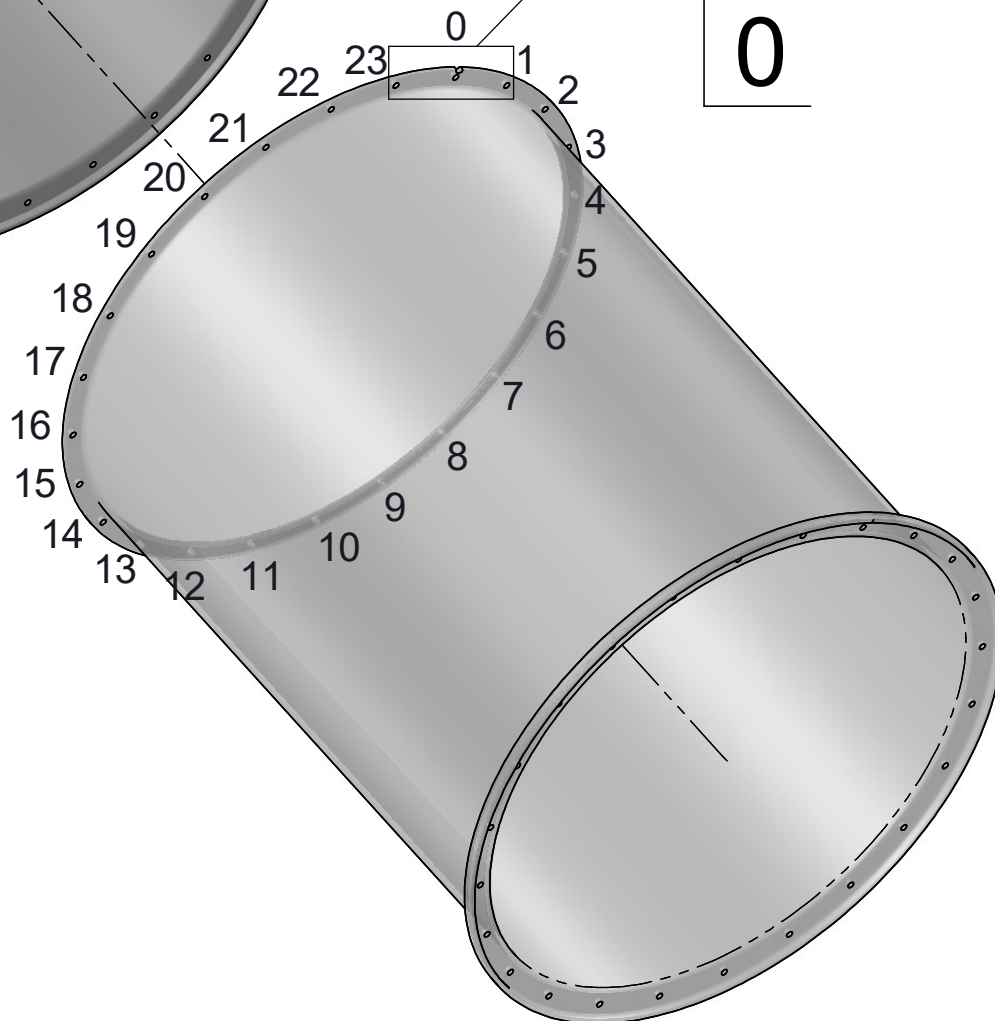
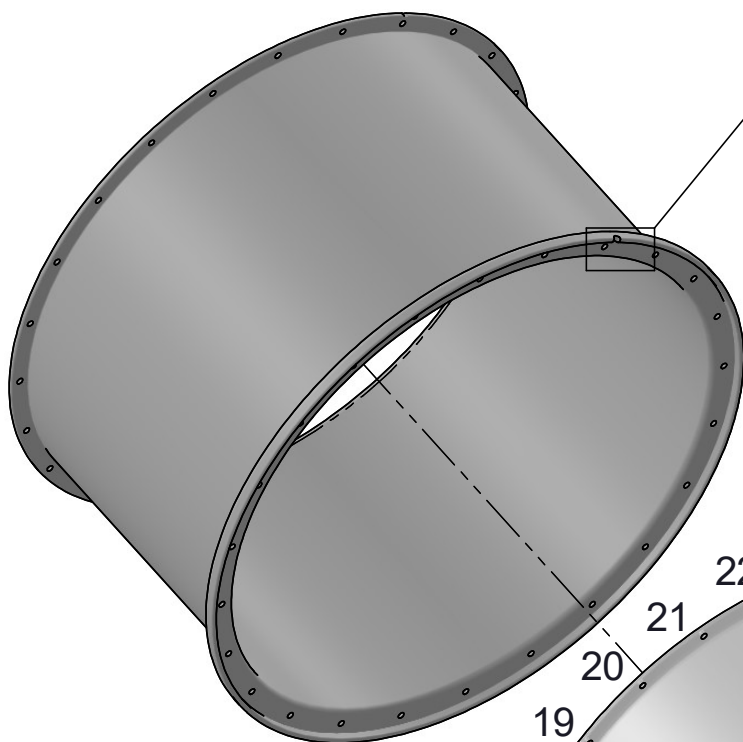
Nr	Σ	Element		
4	8		DIN 125	10x20
5	8		DIN 985	M10
57	8		DIN 1587	M10
58	1		-	LOCTITE
81	8		ISO 7380	M10x35
103	8		DIN 9021	10x30



INST_MTS_2


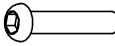





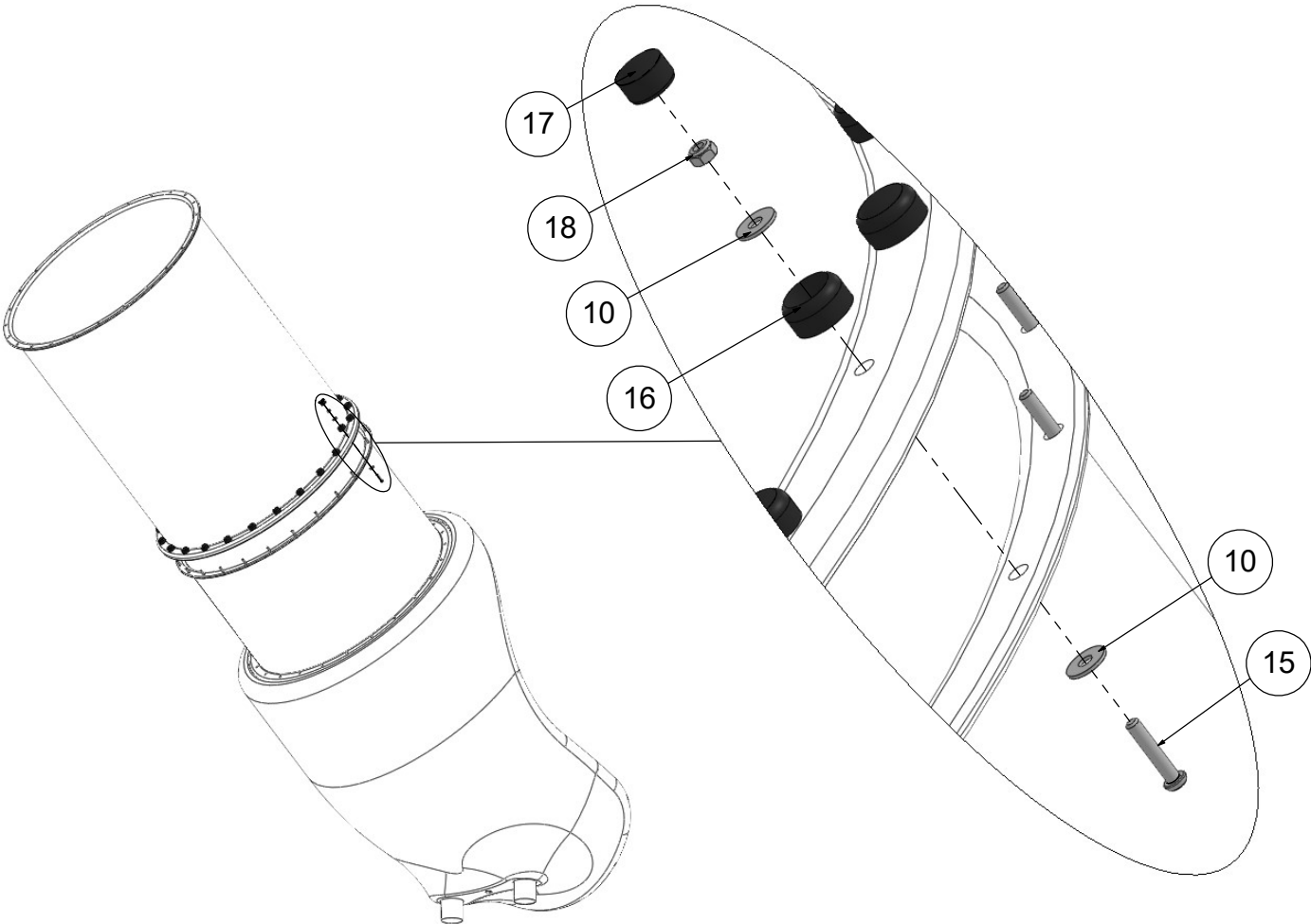
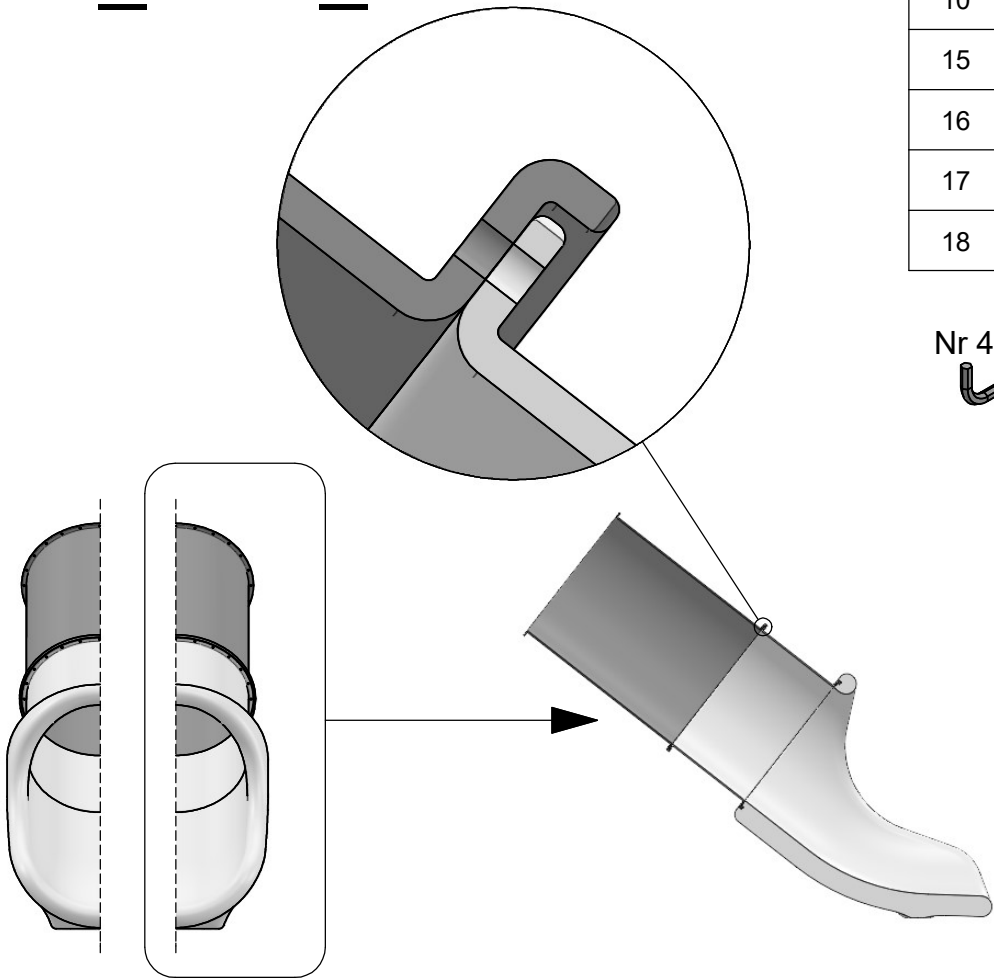
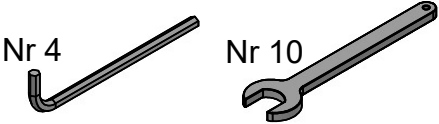
0




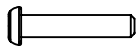


MANUAL

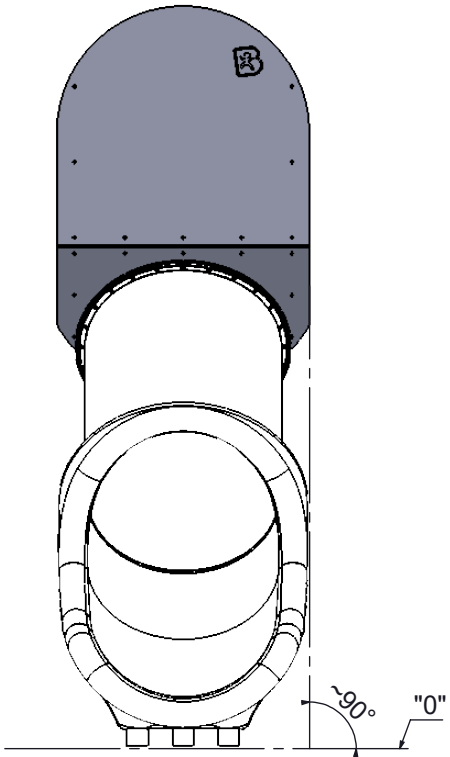
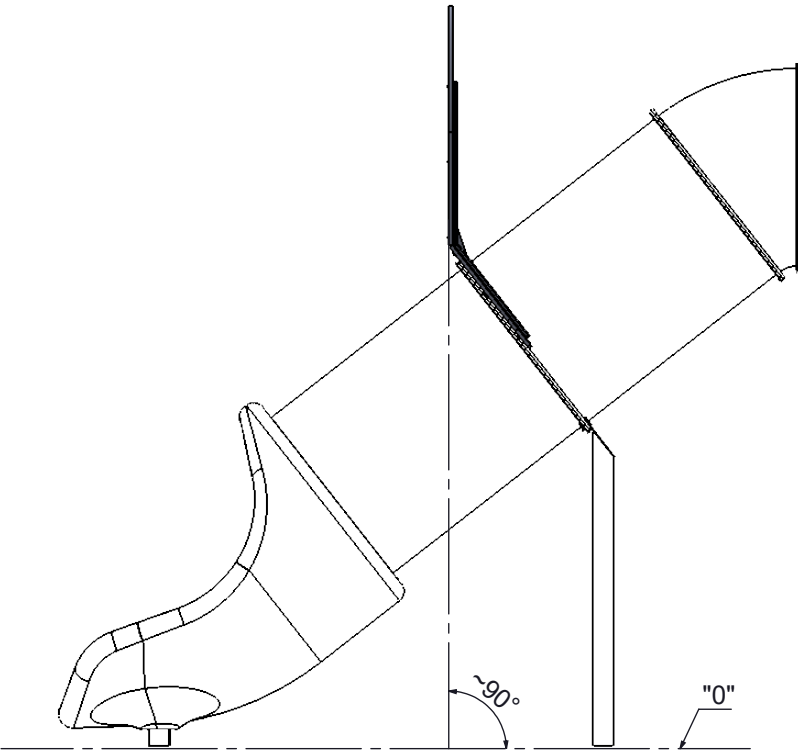
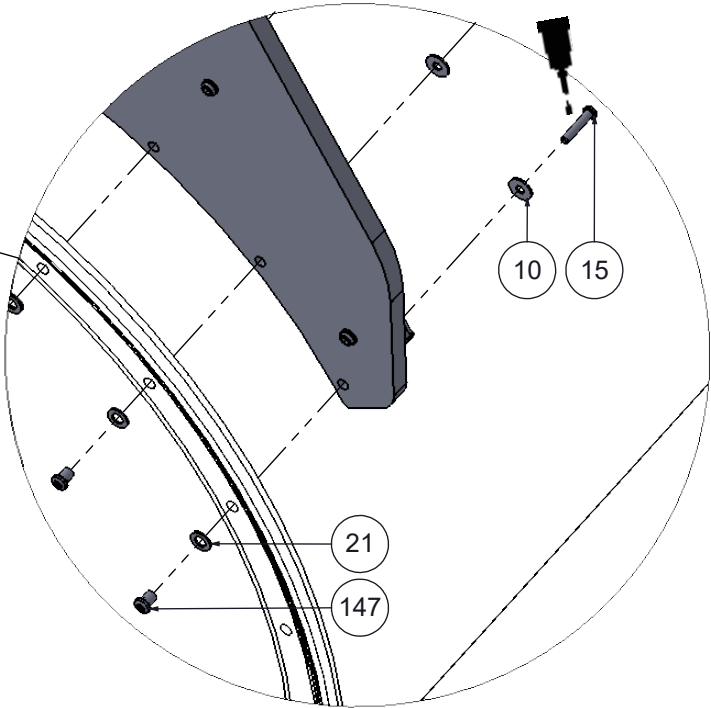
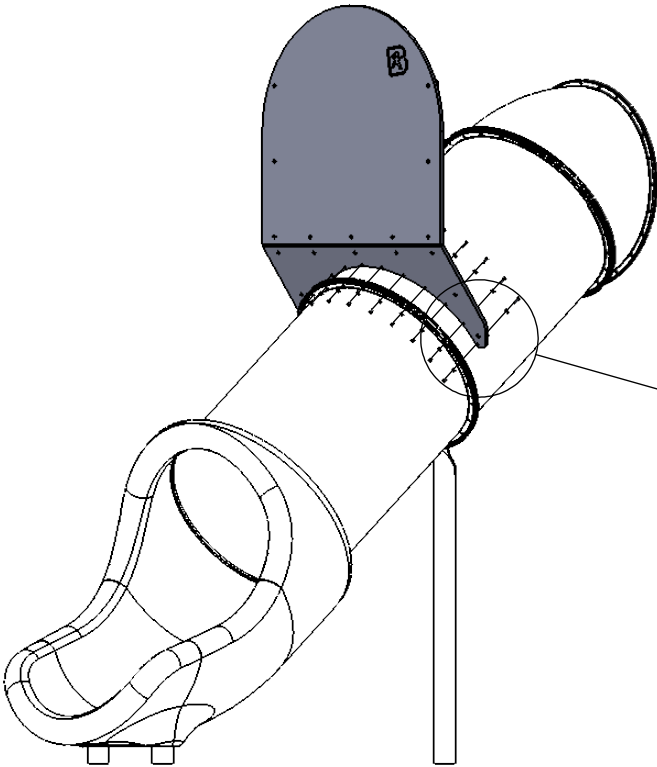
INST_MTS_3

Nr	Element	DIN	ELEMENT
10		DIN 9021	6x18
15		ISO 7380	M6x30
16		-	K1_d21_B
17		-	Z1_d21_B
18		DIN 985	M6

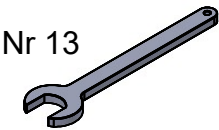


INST_MTS_6

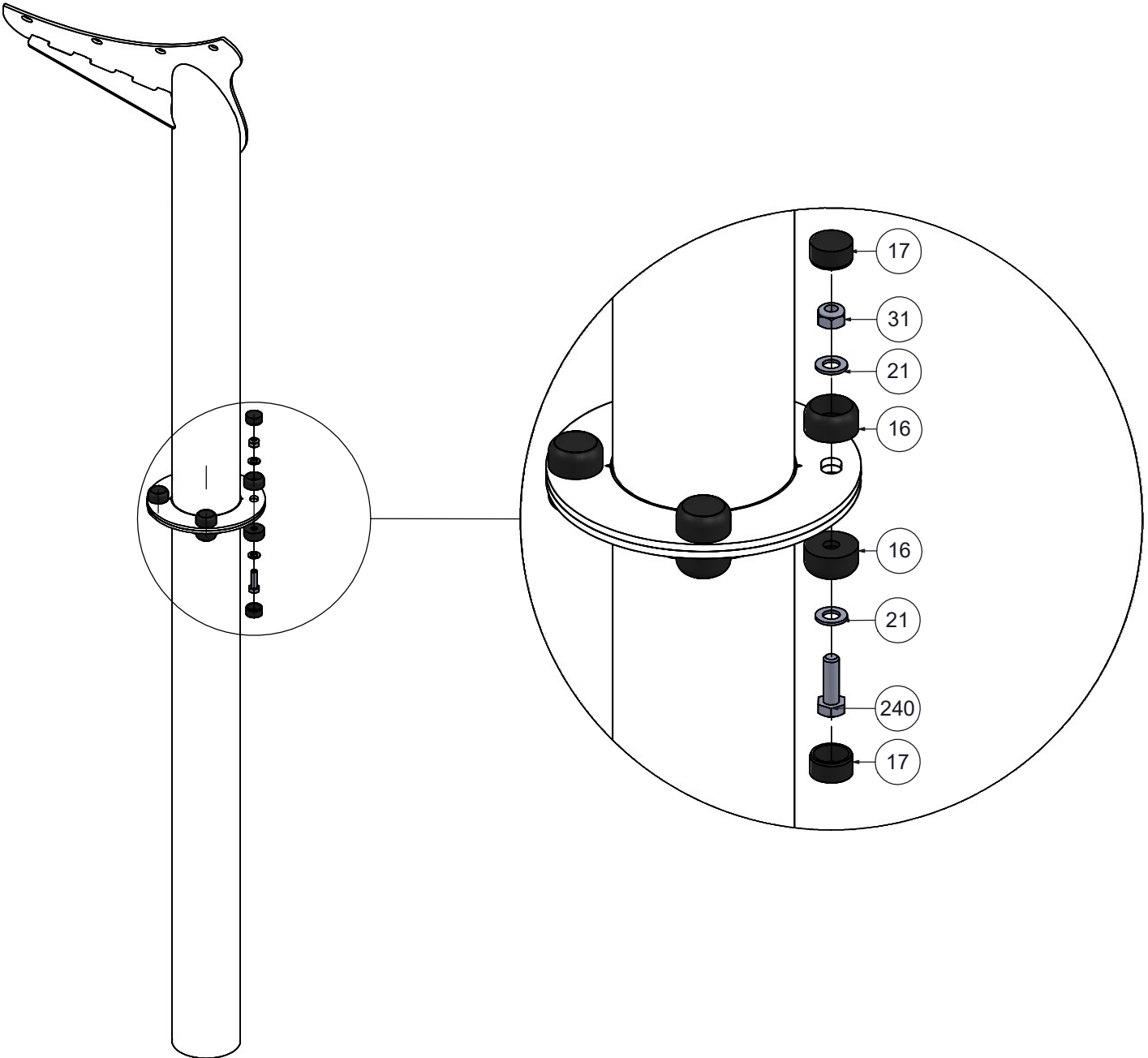
Nr	Σ	Element		
10	13		DIN 9021	6x18
15	13		ISO 7380	M6x30
21	13		DIN 125	8x16
147	13		-	M6x10



INST_MTS_7

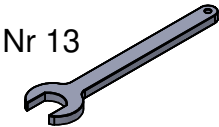


Nr	Element		
16		-	K1_d21_B
17		-	Z1_d21_B
21		DIN 125	8x16
31		DIN 985	M8 (OC)
240		DIN 933	M8x25 (OC)

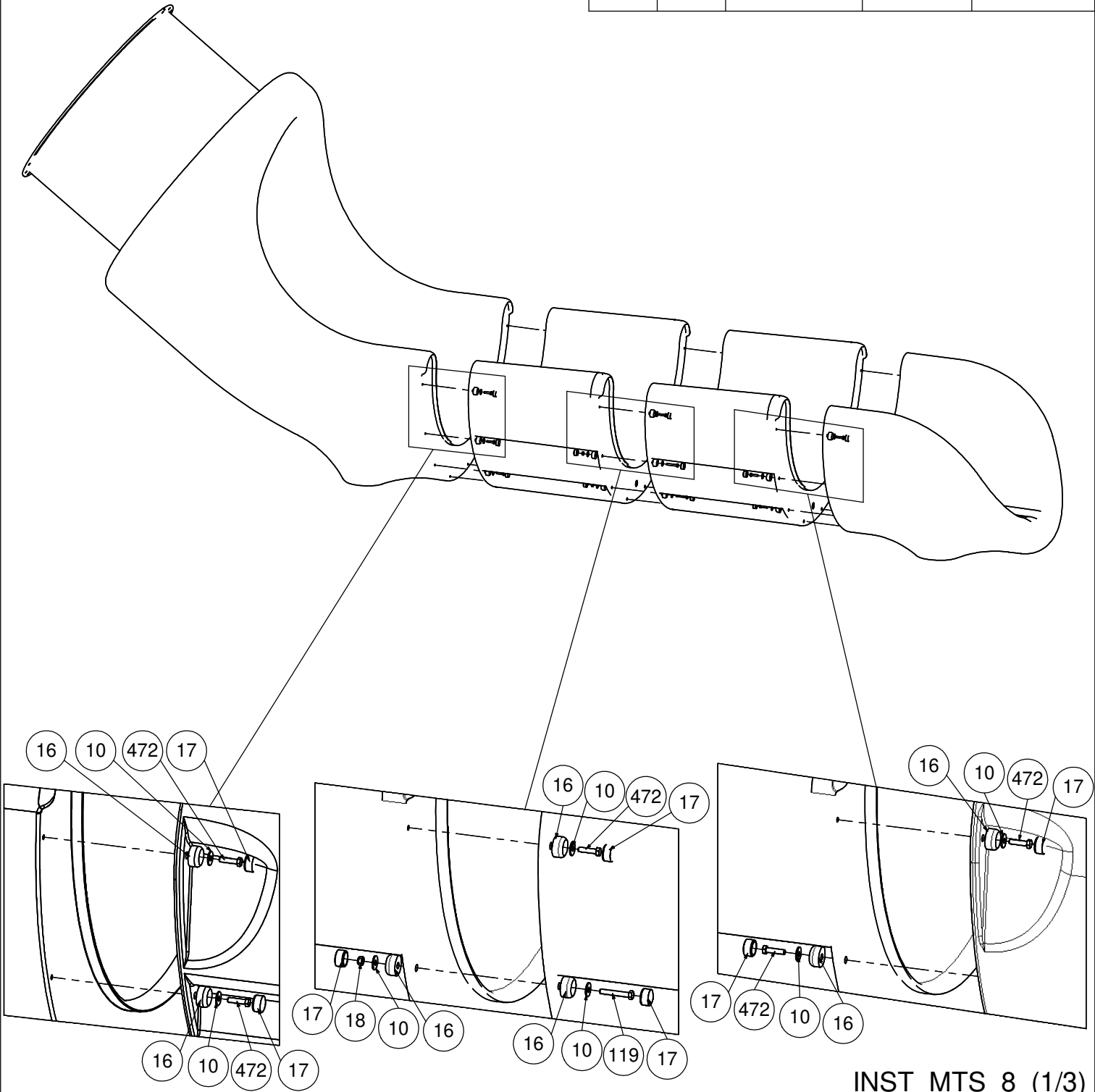


INST_MTS_8

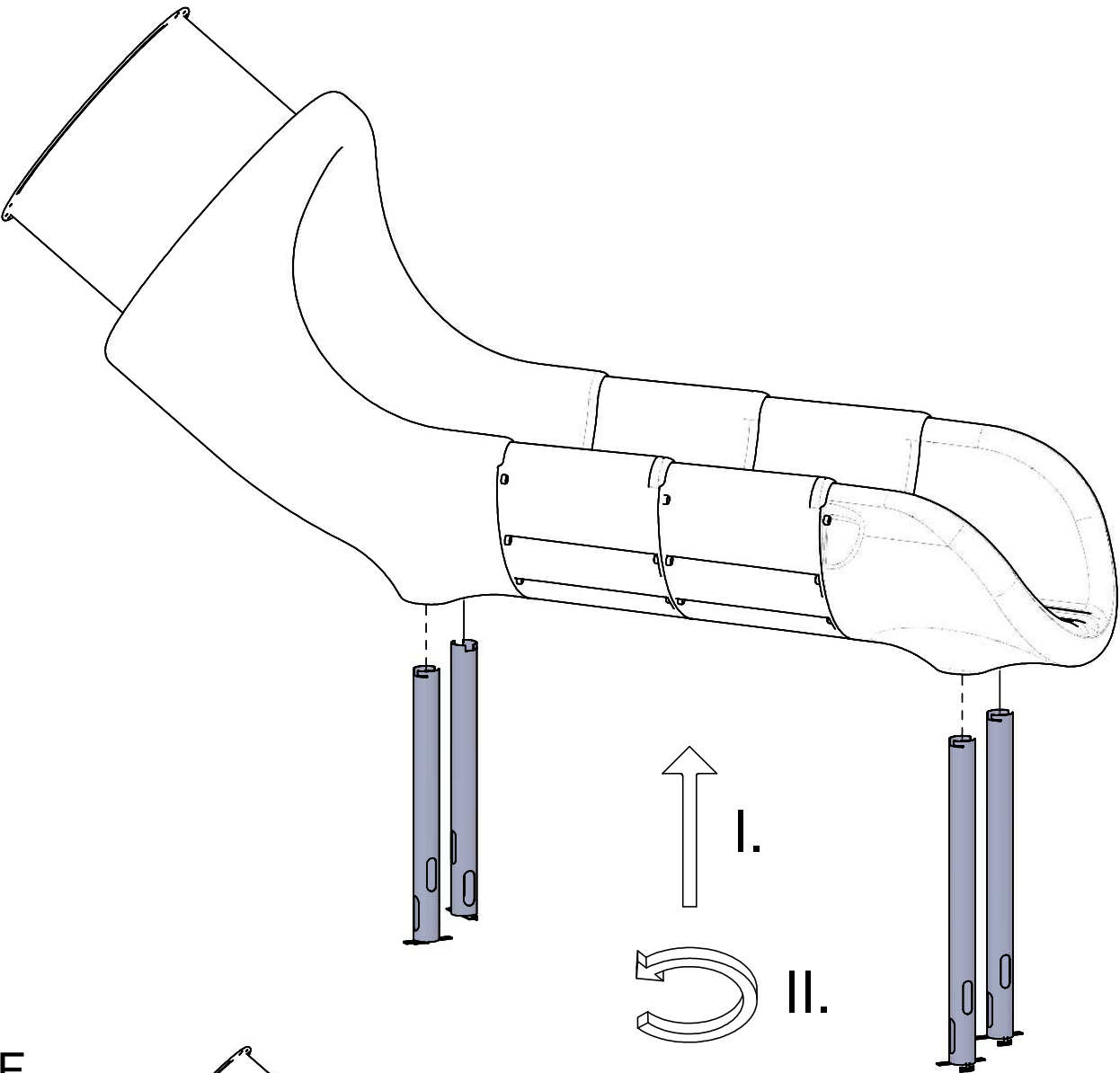
1



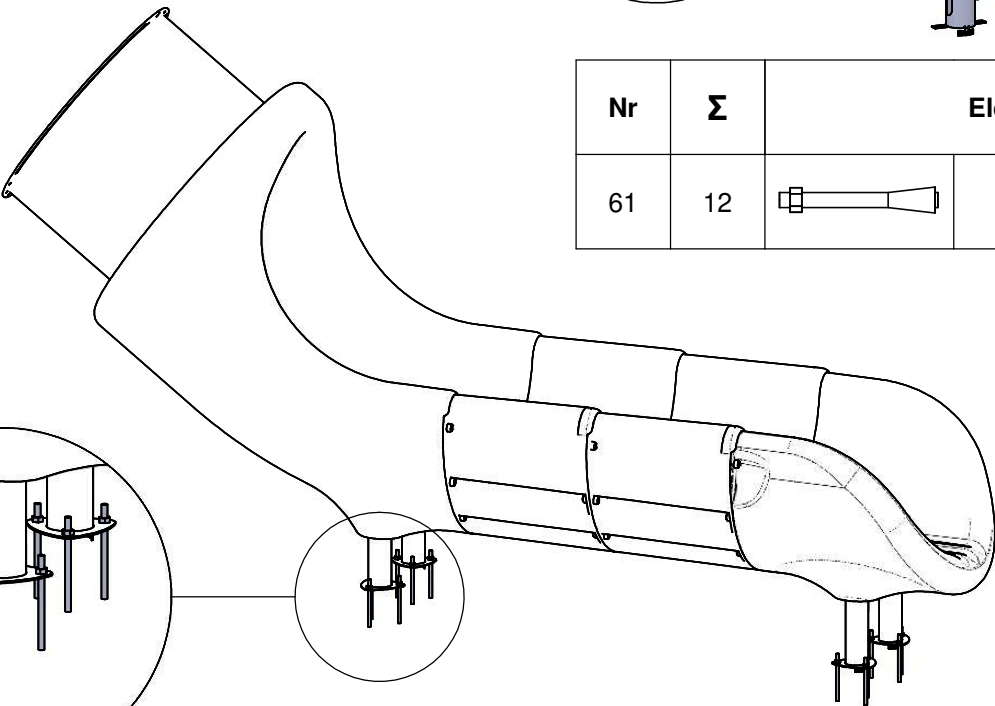
Nr	Σ	Element		
10	30		DIN 9021	6x18
16	30		-	K1_d21_B
17	30		-	Z1_d21_B
18	6		DIN 985	M6 (OC)
119	6		DIN 933	M6x40 (OC)
472	18		DIN 933	M6x25 (OC)

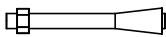


2



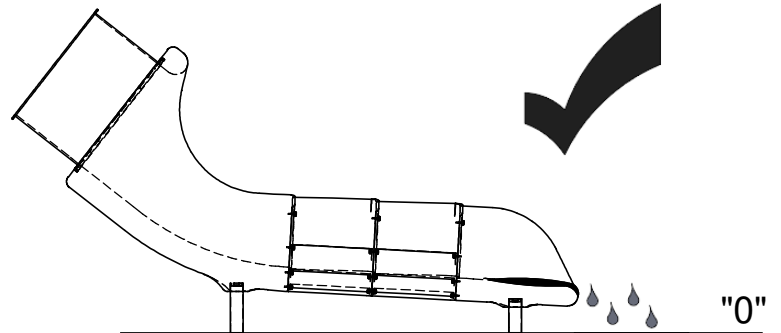
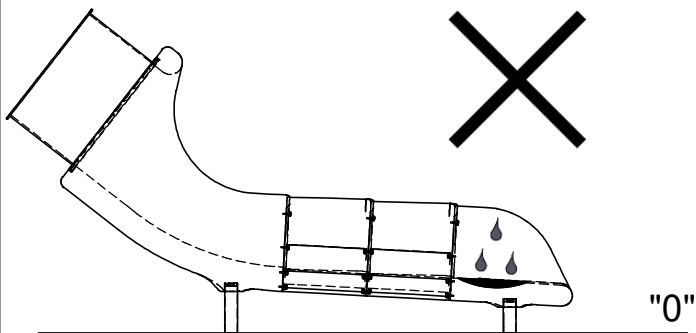
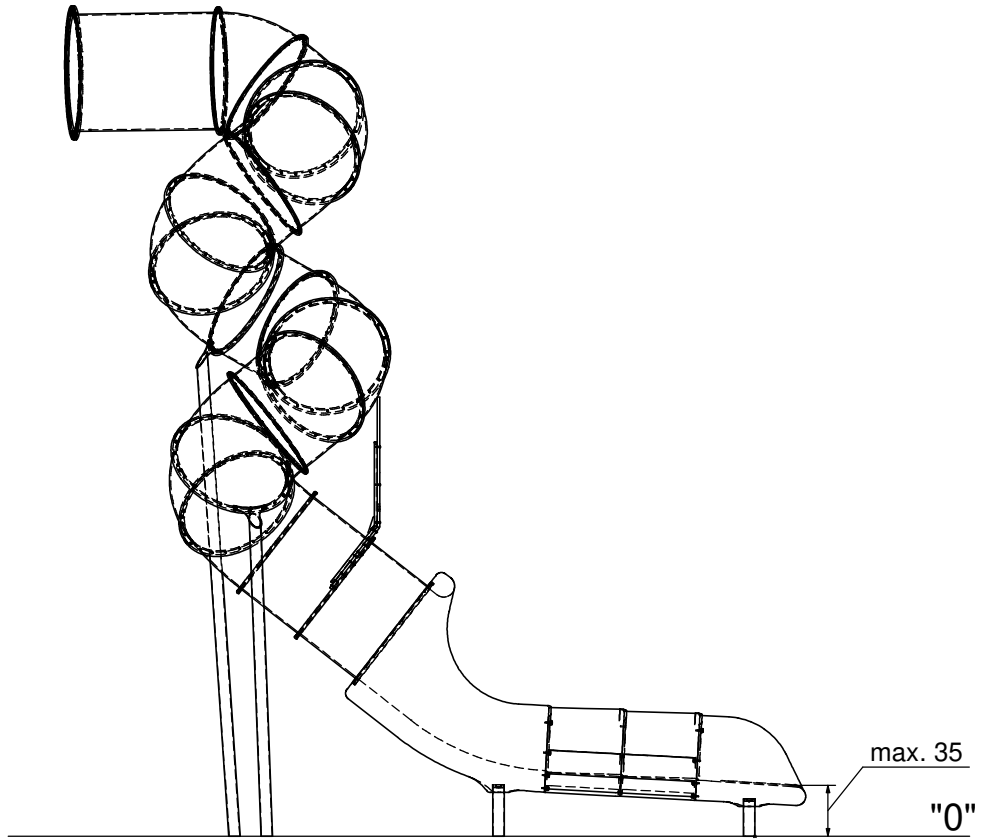
3 F



Nr	Σ	Element		
61	12		-	KL105 (OC)



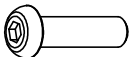



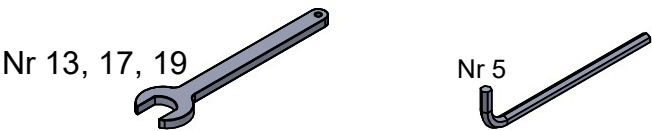
3



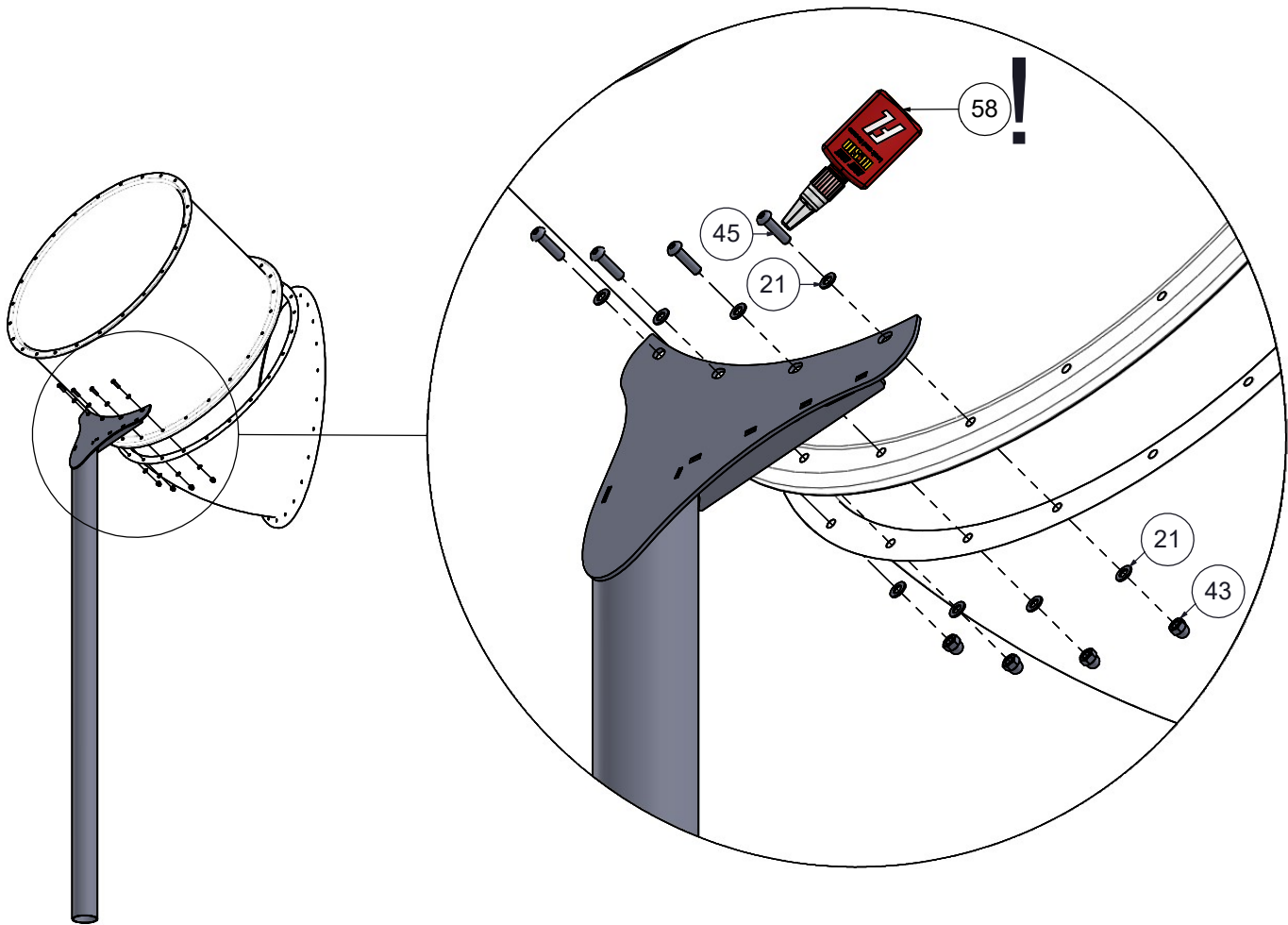
INST_MTS_9



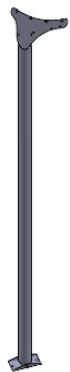
Nr	Σ	Element		
21	8		DIN 125	8x16
43	4		DIN 1587	M8
45	4		ISO 7380	M8x30
58	1		-	LOCTITE



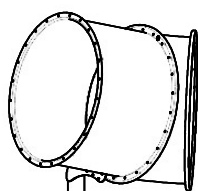
1



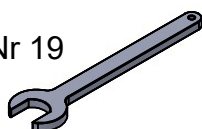
F*



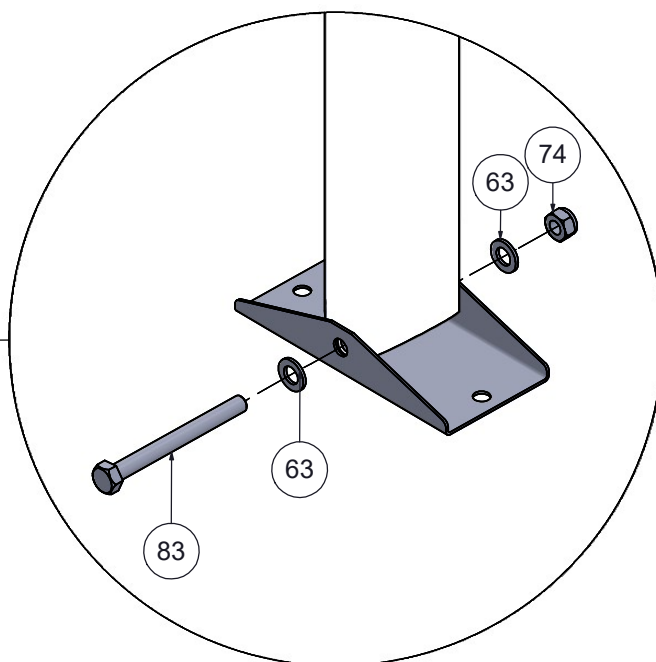
2F*



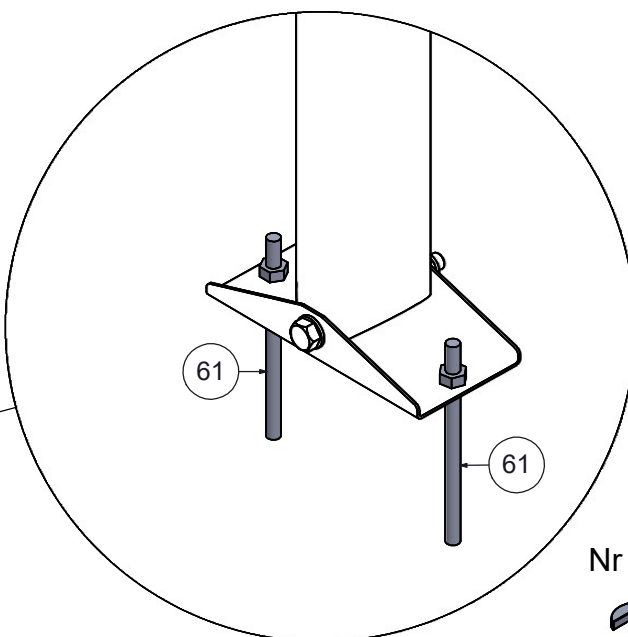
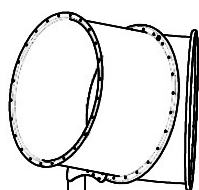
Nr 19



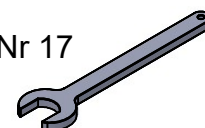
Nr	Σ	Element		
61	2		-	KL105 (OC)
63	2		DIN 125	12x24
74	1		DIN 985	M12 (OC)
83	1		DIN 931	M12x120 (OC)



3F*



Nr 17










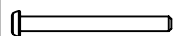
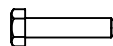

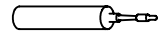
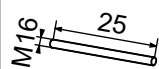
INST_MTS_10



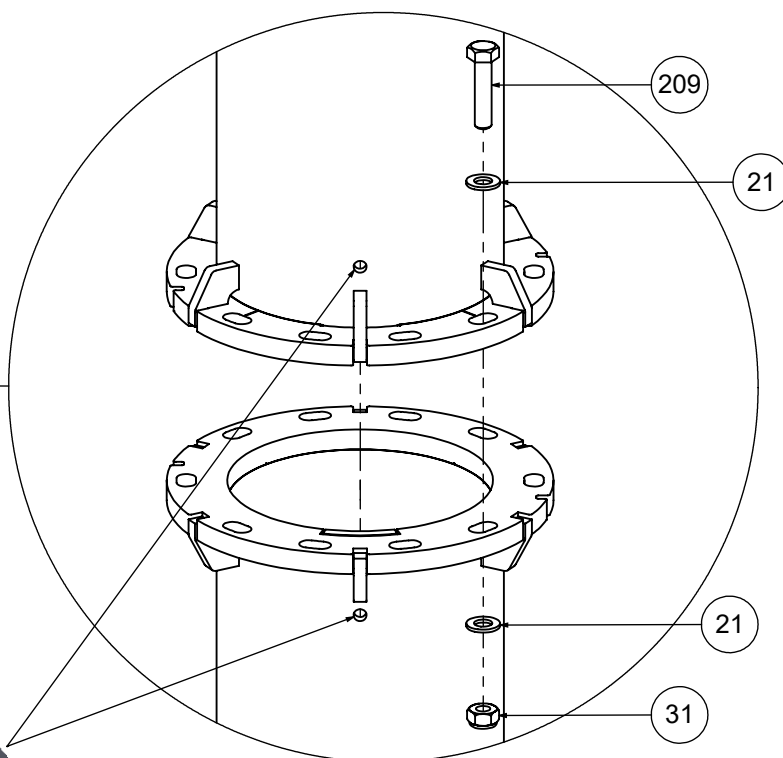
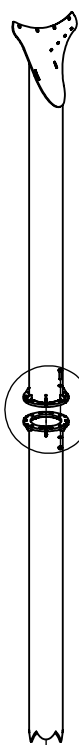
Nr 4



Nr 10, 17, 24

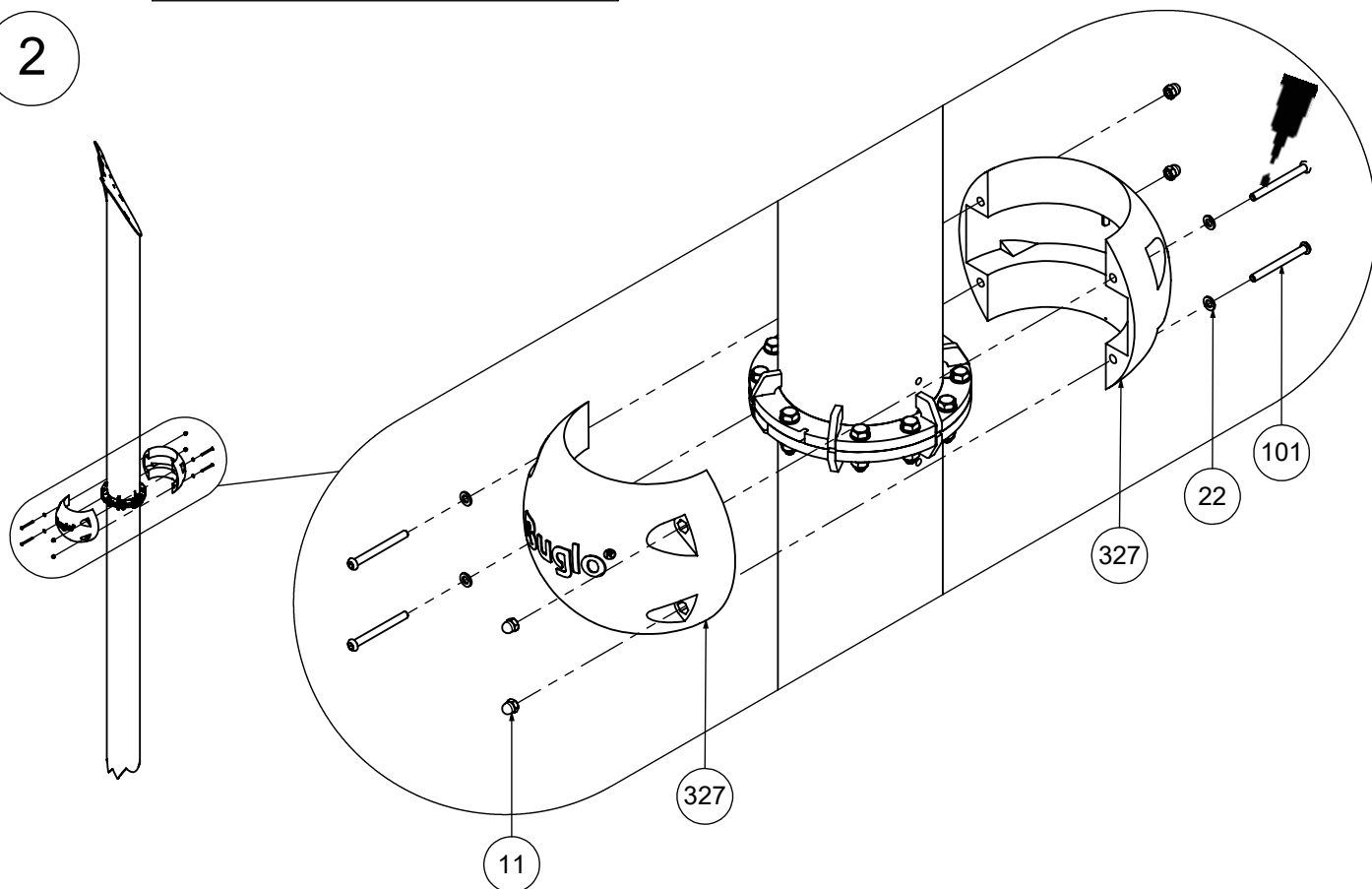
Nr	Σ	Element		
11	4		DIN 1587	M6
21	20		DIN 125	8x16
22	4		DIN 125	6x12
31	10		DIN 985	M8 (OC)
58	1		-	LOCTITE
89	16		DIN 934	M16 (OC)
90	16		DIN 125	16x30
101	4		ISO 7380	M6x60
209	10		DIN 933	M8x35
327	2		-	MLR133
526	1		-	KCH
531	16		-	S4_1400_82

1

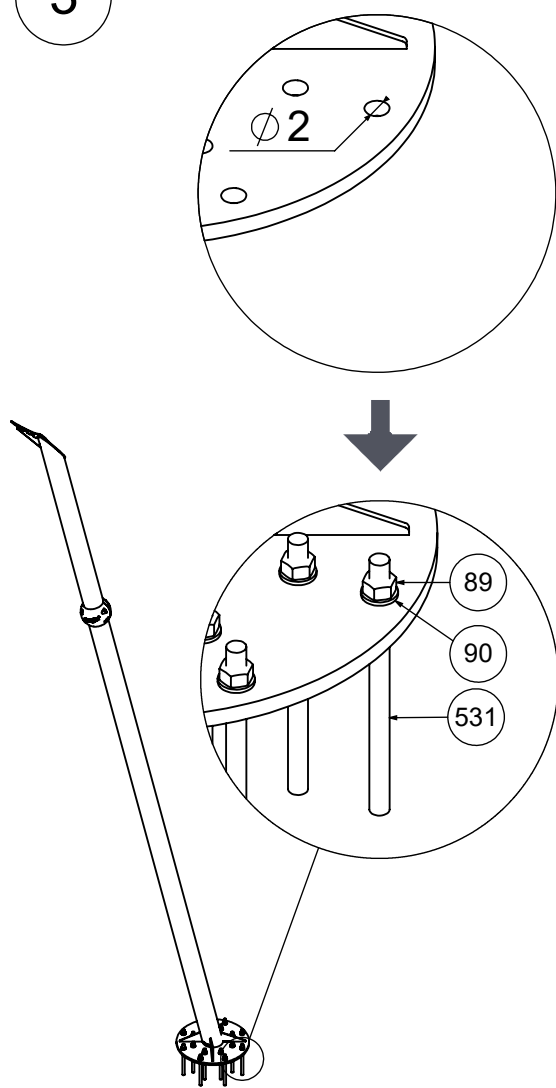


INST_MTS_10 1/2

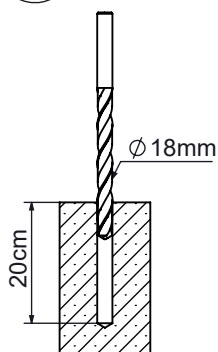
2



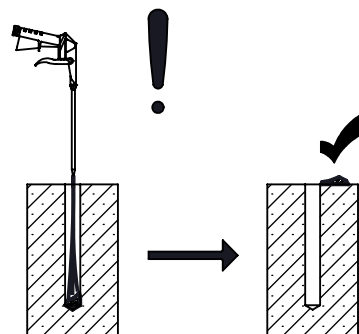
3



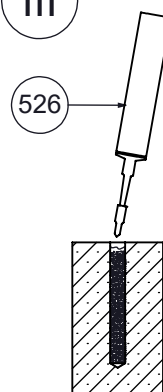
I



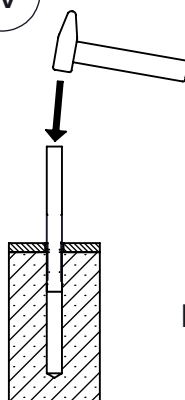
II



III



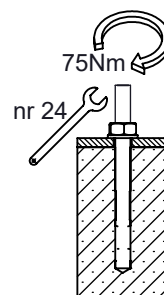
IV



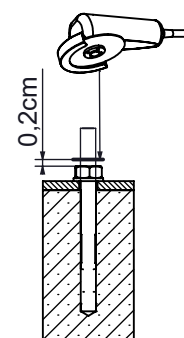
V





VI

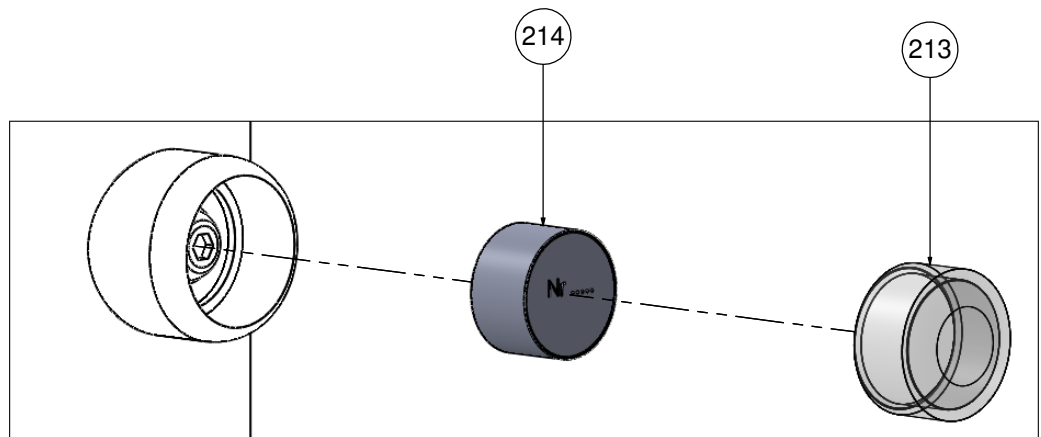
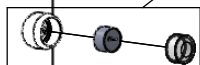


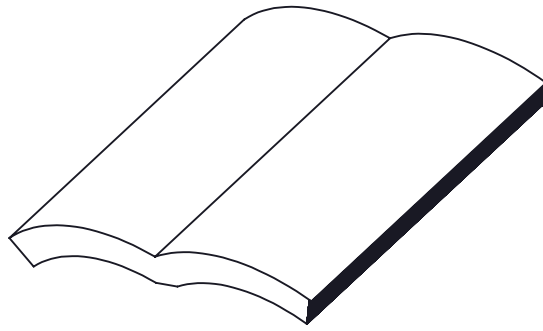
VII



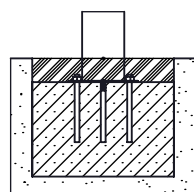
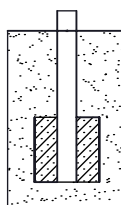
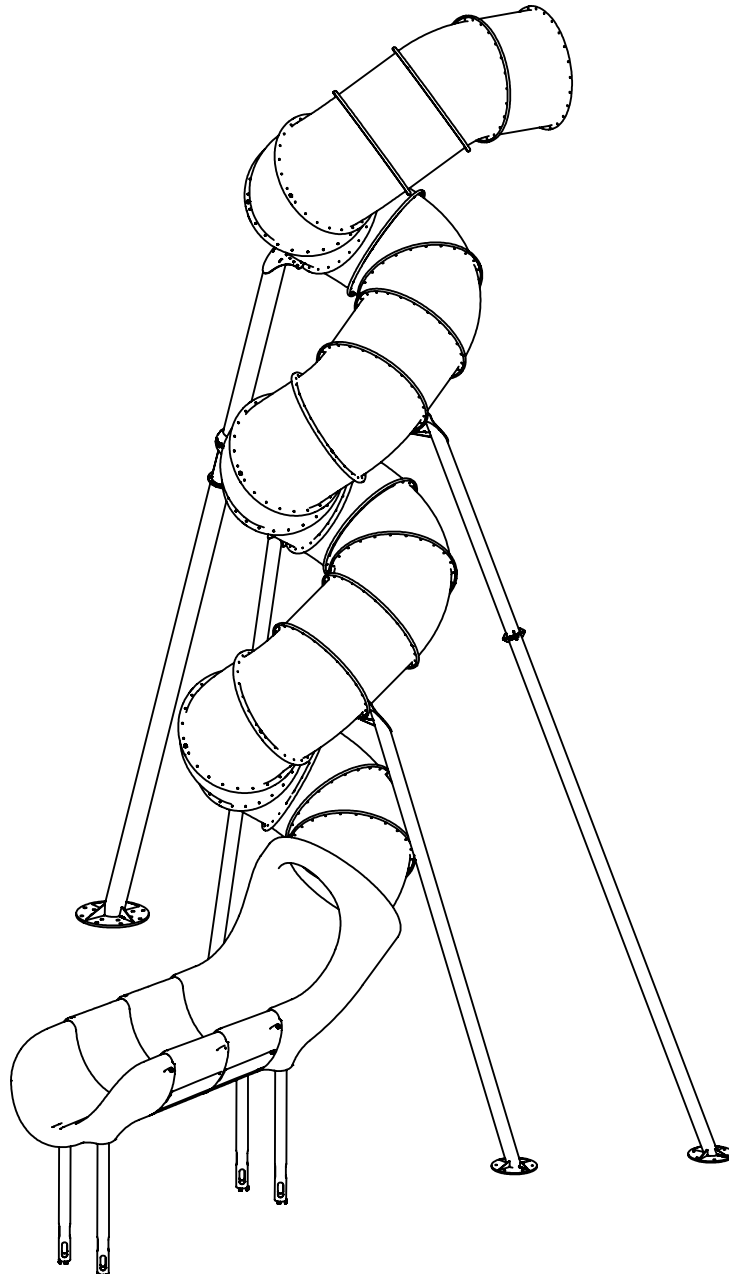
INST_Z_1

Nr	Σ	Element		
213	1		-	Z_NA_1
214	1		-	Z_NA_2

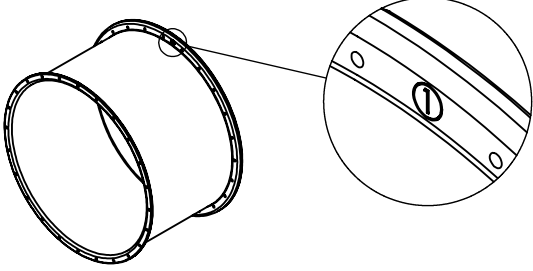
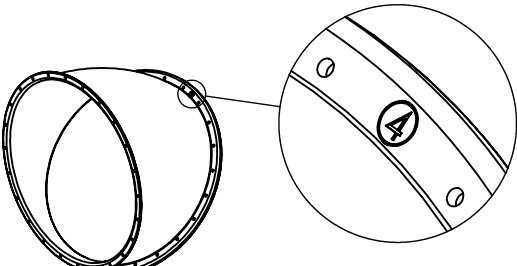
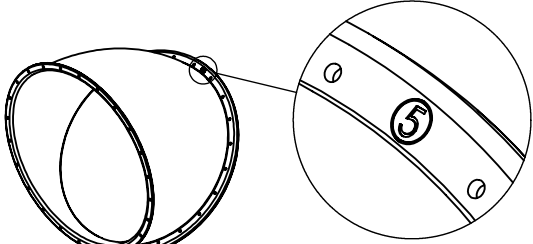


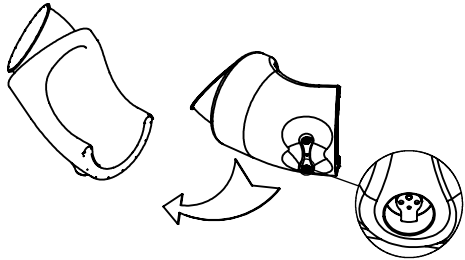
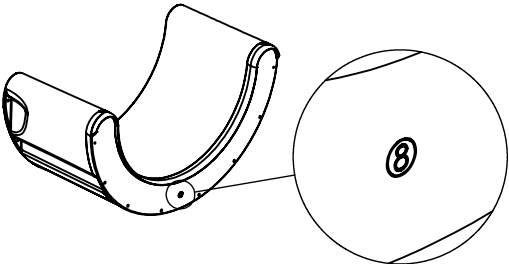
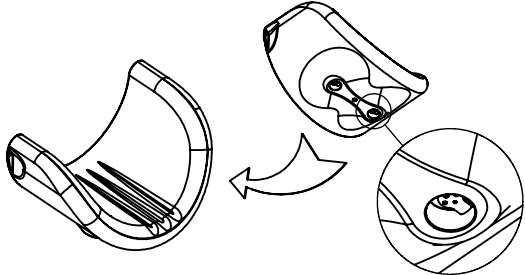
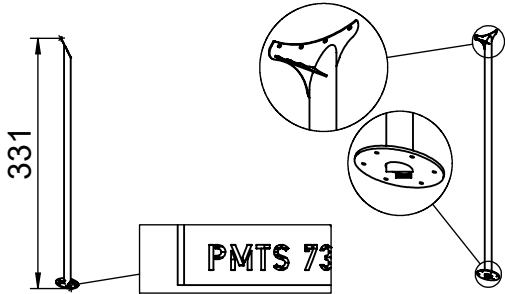
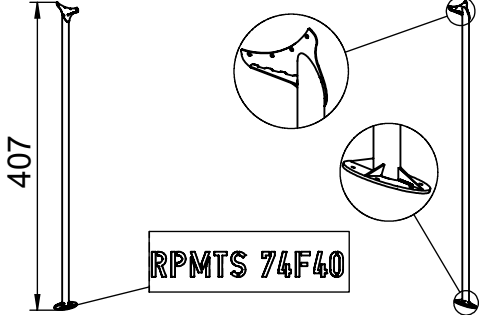
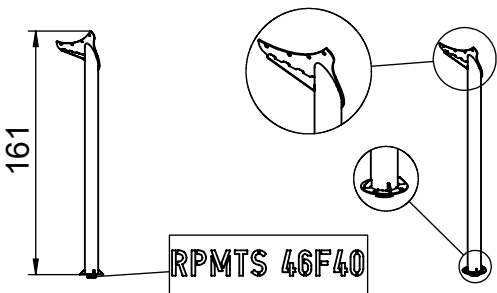


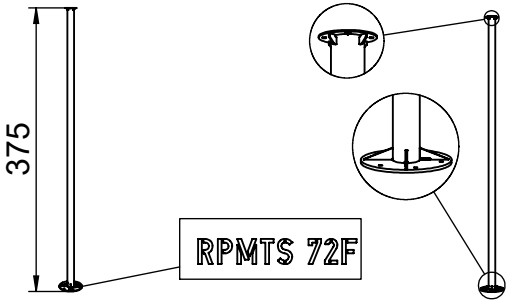
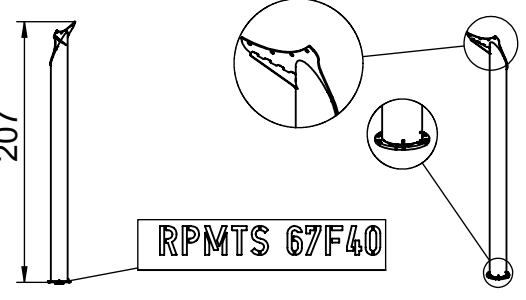
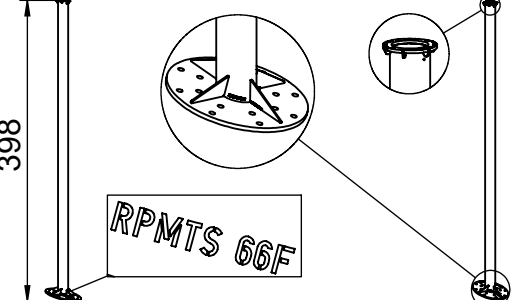
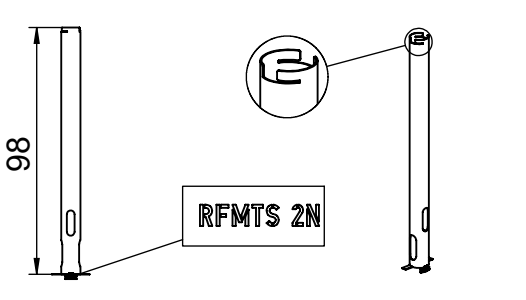
MTSK_H600_A2 F40-N (LZ)

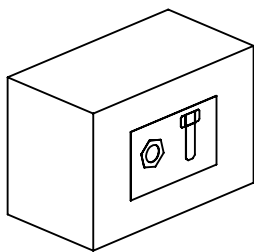


MTSK_H600_A2 F40-N (LZ)



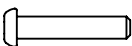







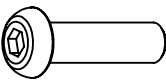

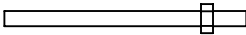


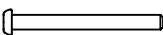
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1		4
2		
3		
4		2
5		18
6		

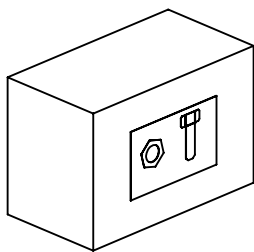
NR	ELEMENT	MTSK_H600_A2 F40-N (LZ)
7		1
8		2
9		1
10		1
11		1
12		1

NR	ELEMENT	MTSK_H600_A2 F40-N (LZ)
13		1
14		1
15		1
16		4

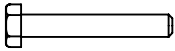
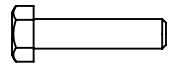
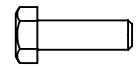

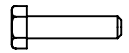
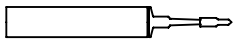
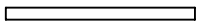


MTSK_H600_A2 F40-N (LZ)

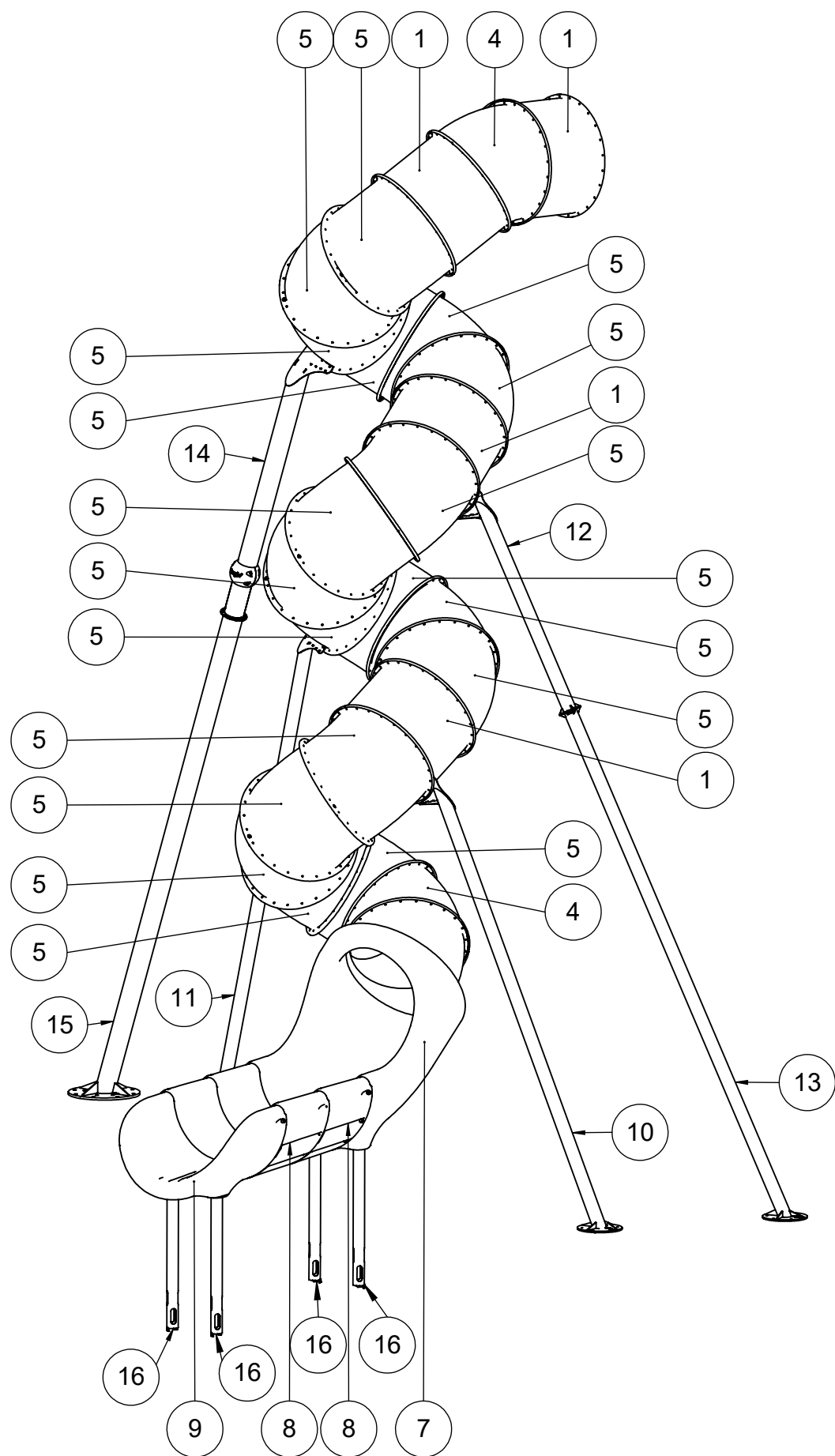
Nr	Element	DIN	ELEMENT	Σ
10		DIN 9021	6x18	1182
11		DIN 1587	M6	4
15		ISO 7380	M6x30	576
16		-	K1_d21_B	614
17		-	Z1_d21_B	614
18		DIN 985	M6 (OC)	582
21		DIN 125	8x16	60
22		DIN 125	6x12	4
31		DIN 985	M8 (OC)	14
43		DIN 1587	M8	16
45		ISO 7380	M8x30	16
58		-	LOCTITE	1
61		-	KL105 (OC)	18
89		DIN 934	M16 (OC)	16
90		DIN 125	16x30	16
101		ISO 7380	M6x60	4



MTSK_H600_A2 F40-N (LZ)

Nr	Element	DIN	ELEMENT	Σ
119		DIN 933	M6x40 (OC)	6
209		DIN 933	M8x35 (OC)	10
240		DIN 933	M8x25	4
327		-	MLR133	2
472		DIN 933	M6x25 (OC)	18
526		-	KCH	3
531		-	S4_1400_82	16

MTSK_H600_A2 F40-N (LZ)

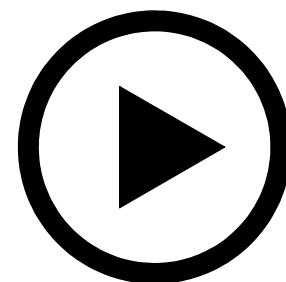
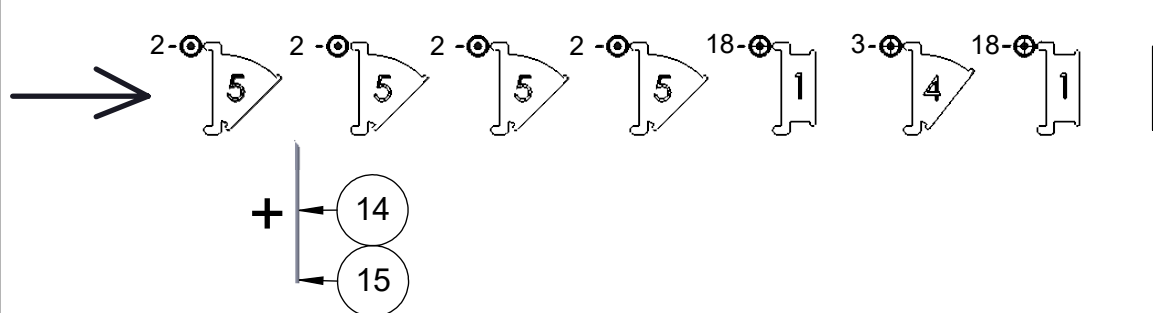
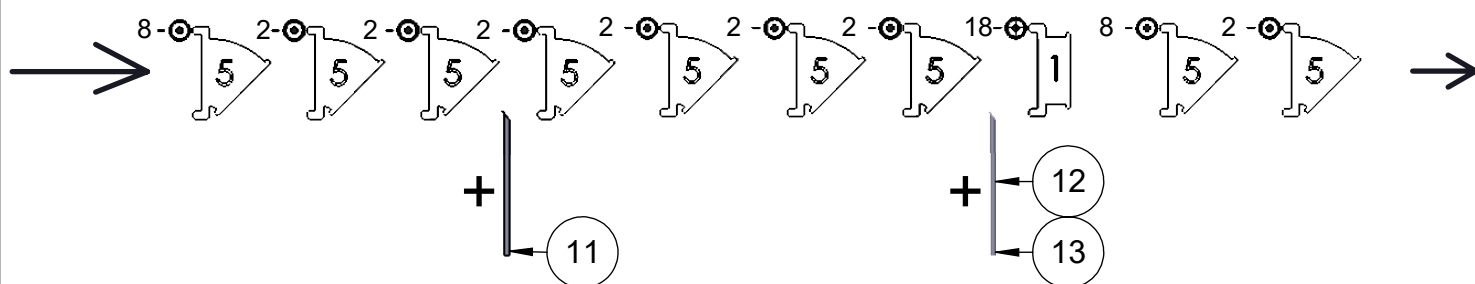
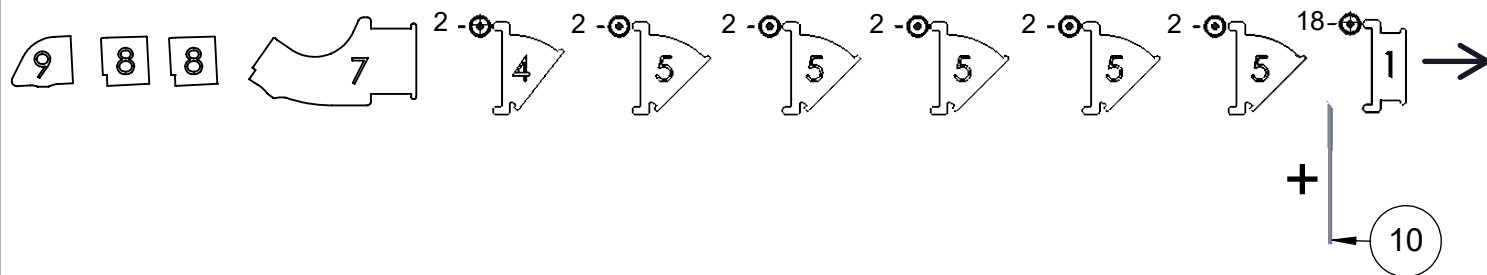


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MTSK_H600_A2 F40-N (LZ)

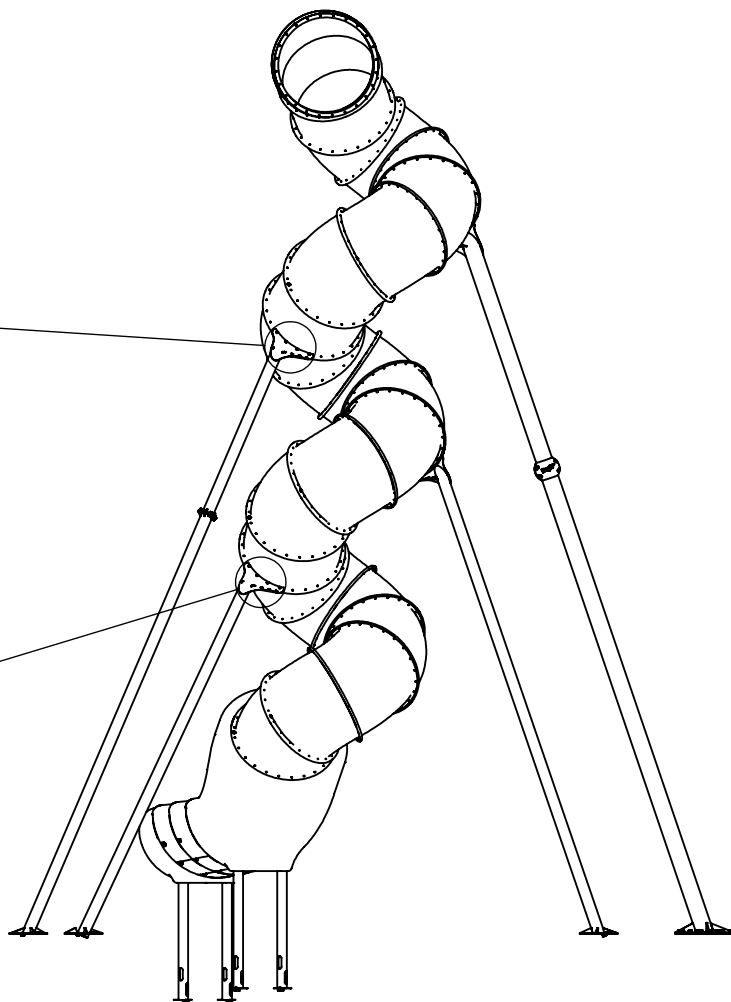
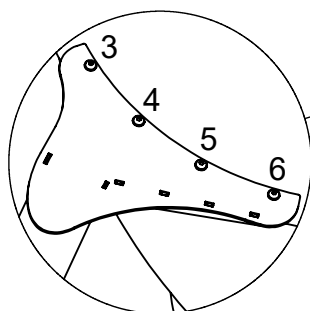
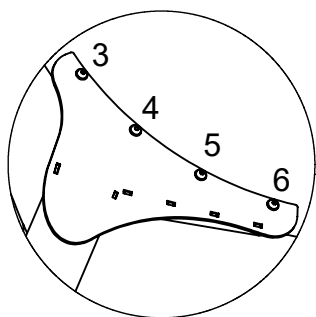
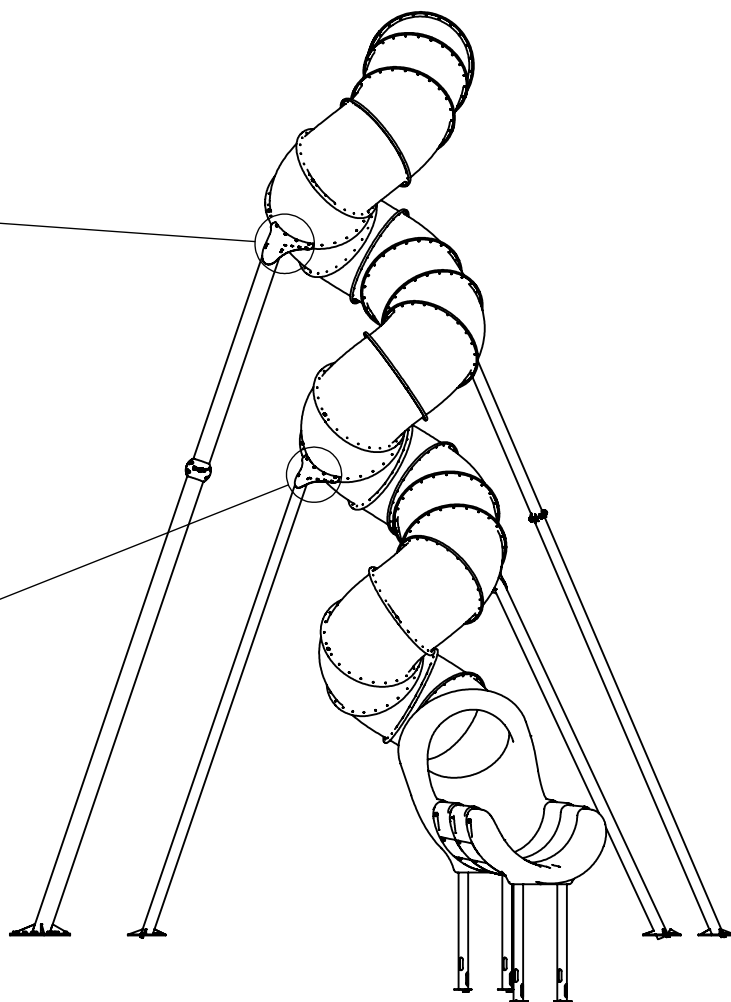
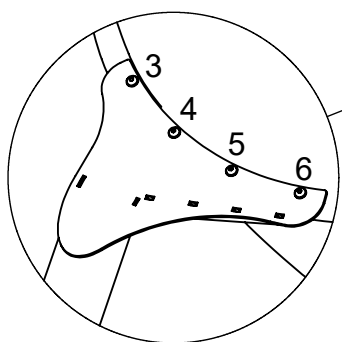
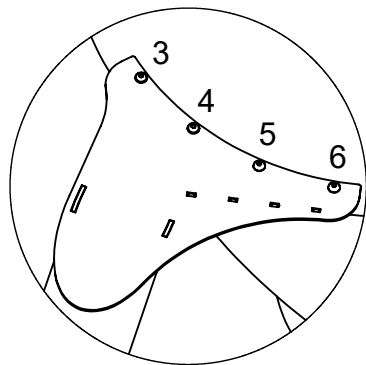


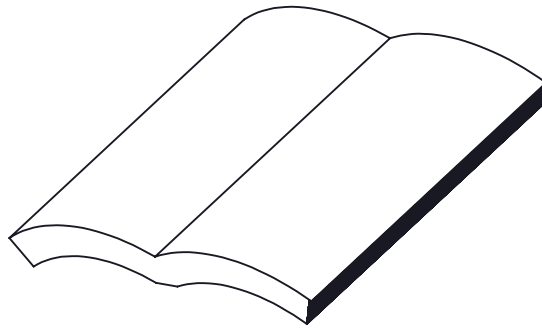
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INST_MTS_4
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INST_MTS_10



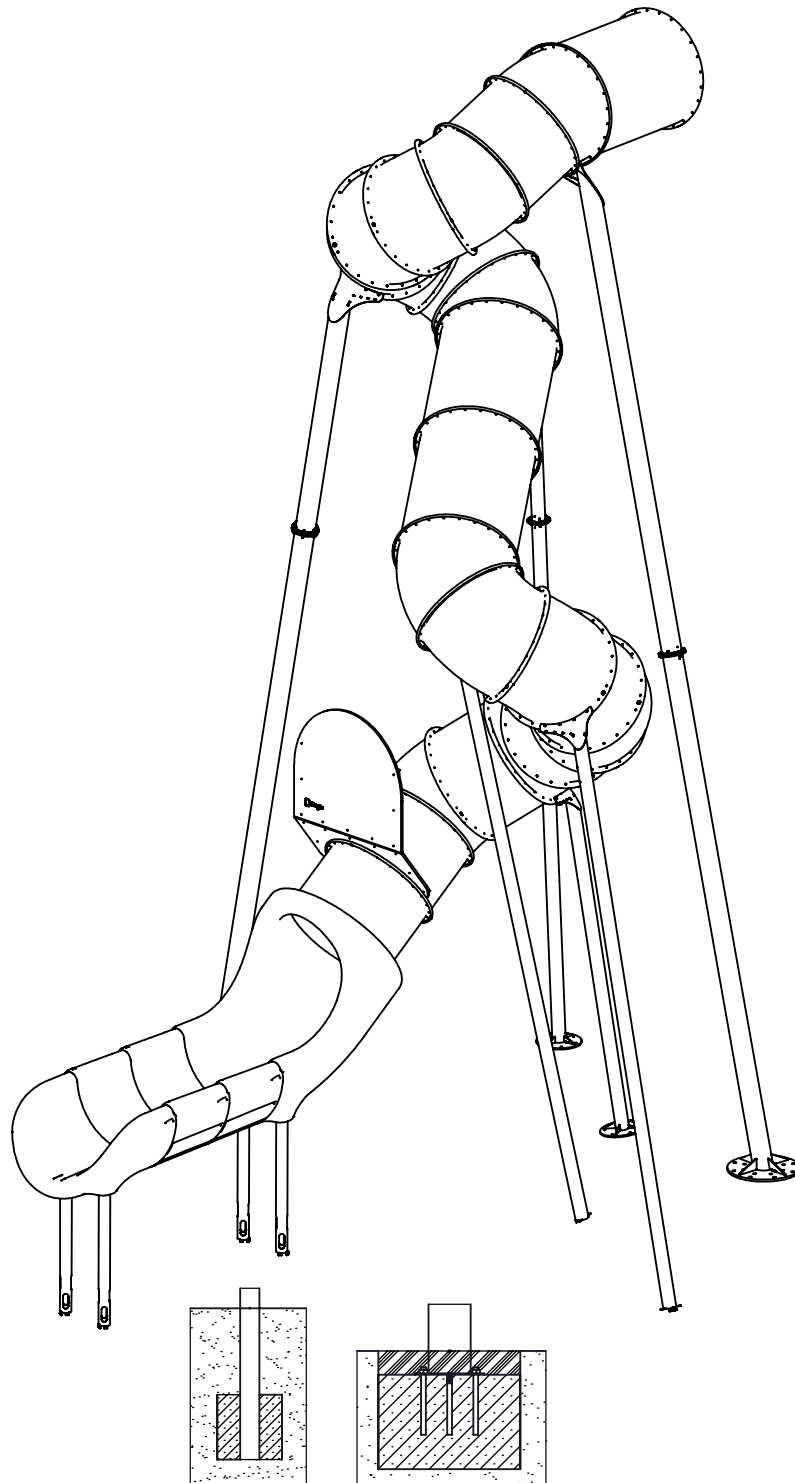
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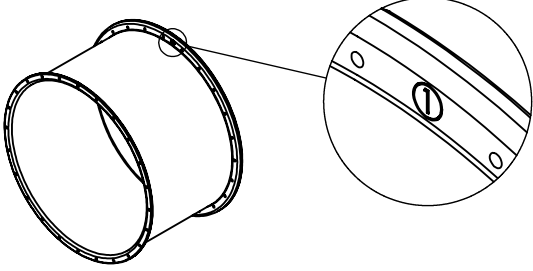
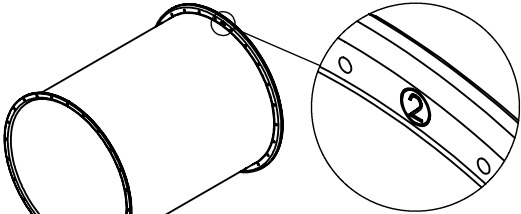
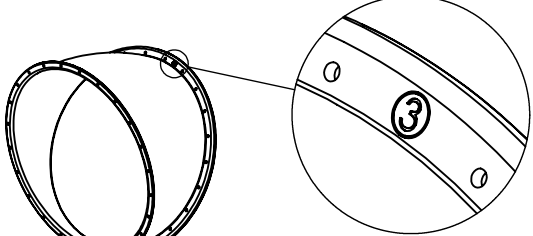
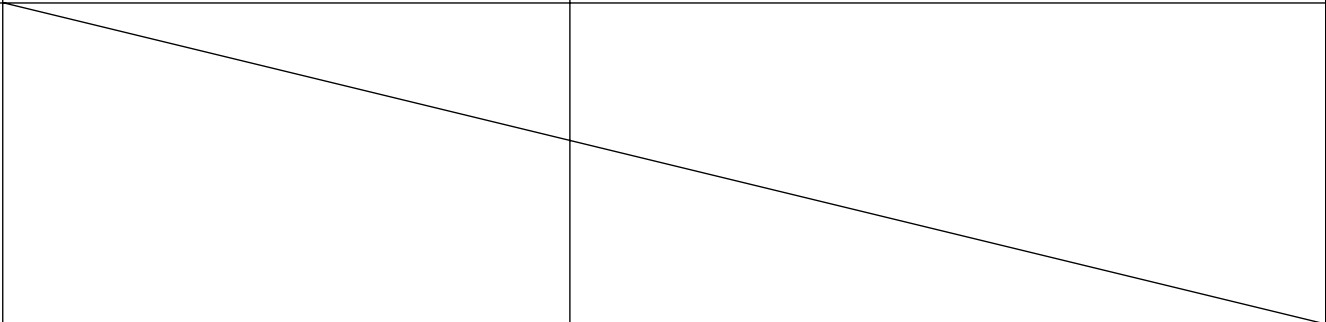
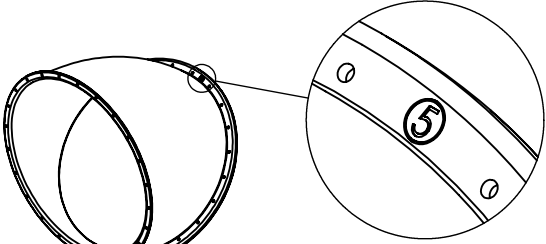
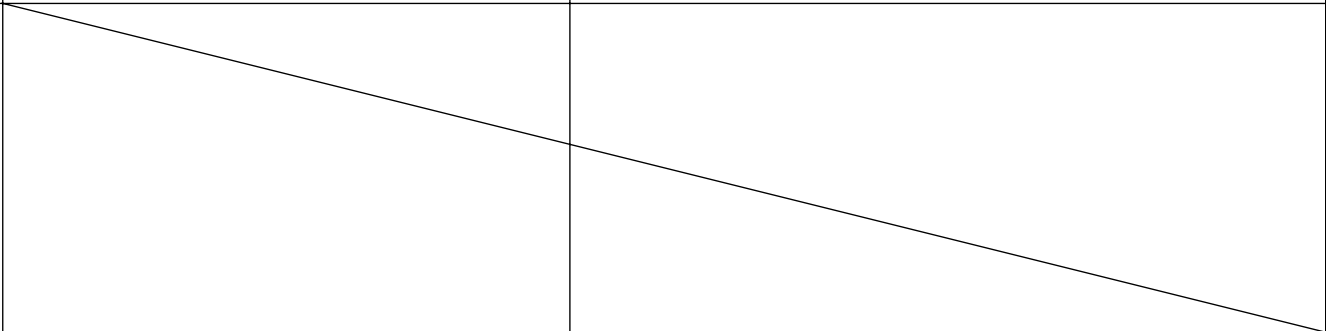


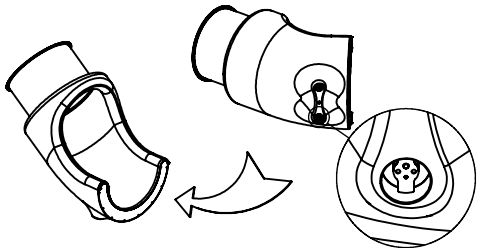
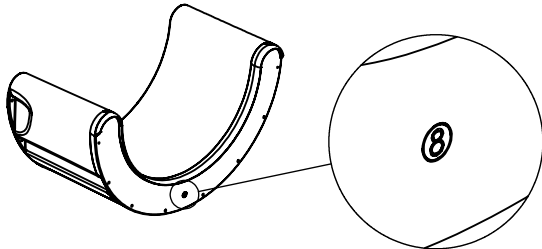
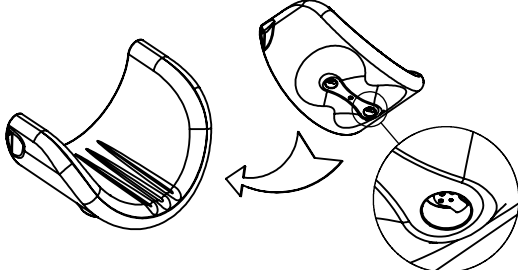
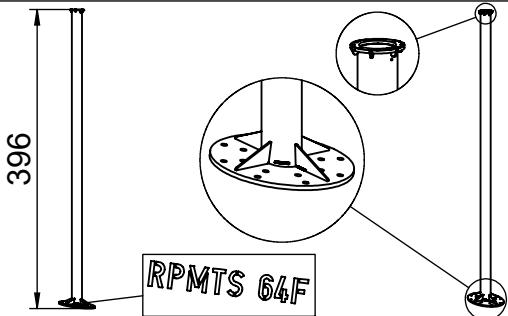
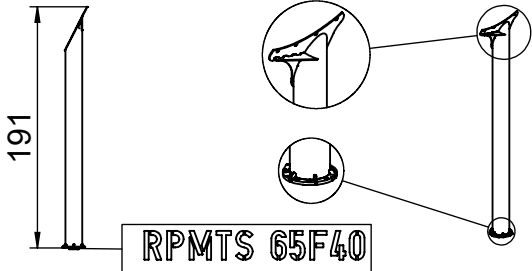
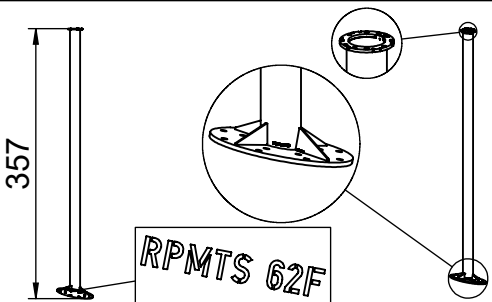


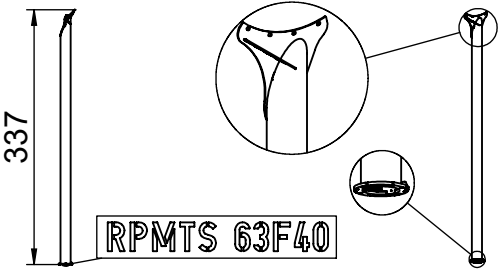
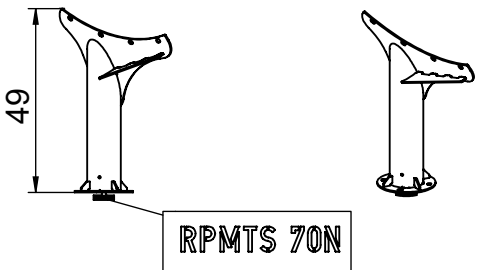
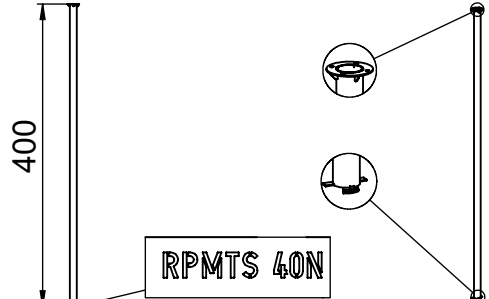
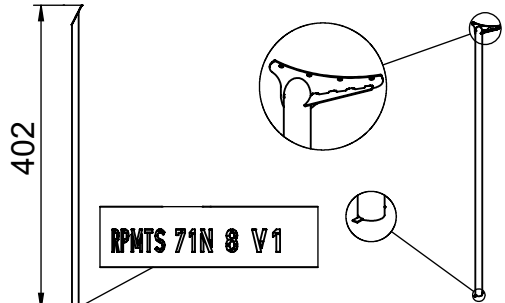
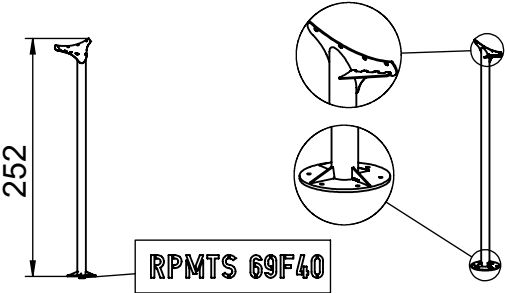
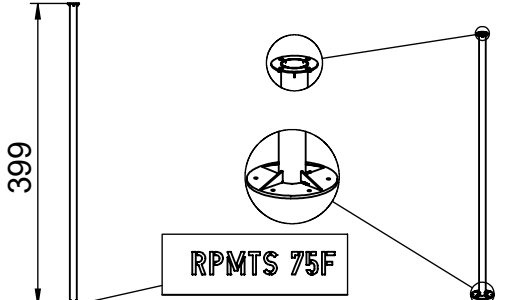
MTSK_H600_A4 F40-N (LZ)

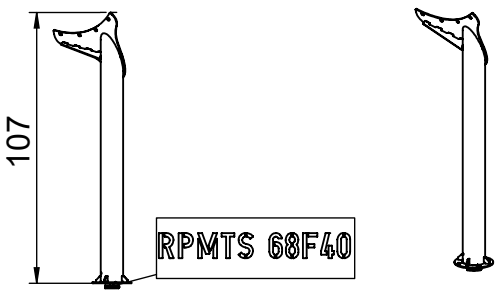
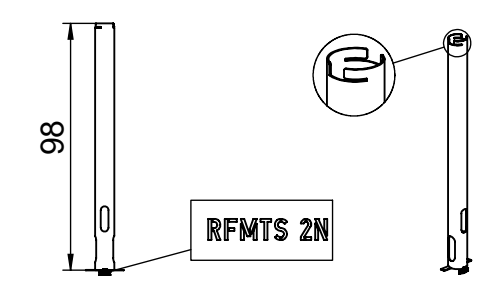
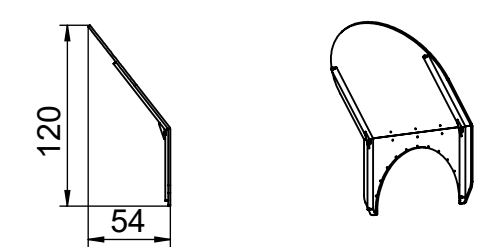


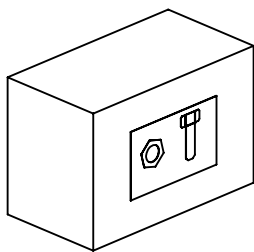
MTSK_H600_A4 F40-N (LZ)

NR	ELEMENT	MTSK_H600_A4 F40-N (LZ)
1		5
2		3
3		4
4		
5		10
6		

NR	ELEMENT	MTSK_H600_A4 F40-N (LZ)
7		1
8		2
9		1
10		1
11		1
12		1

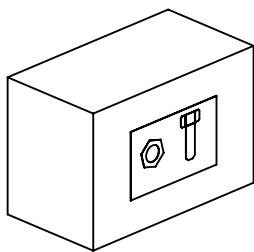
NR	ELEMENT	MTSK_H600_A4 F40-N (LZ)
13		1
14		1
15		1
16		1
17		1
18		1

NR	ELEMENT	MTSK_H600_A4 F40-N (LZ)
19		1
20		4
21		1

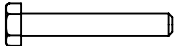

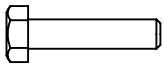
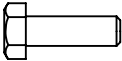

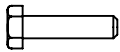
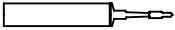
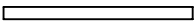


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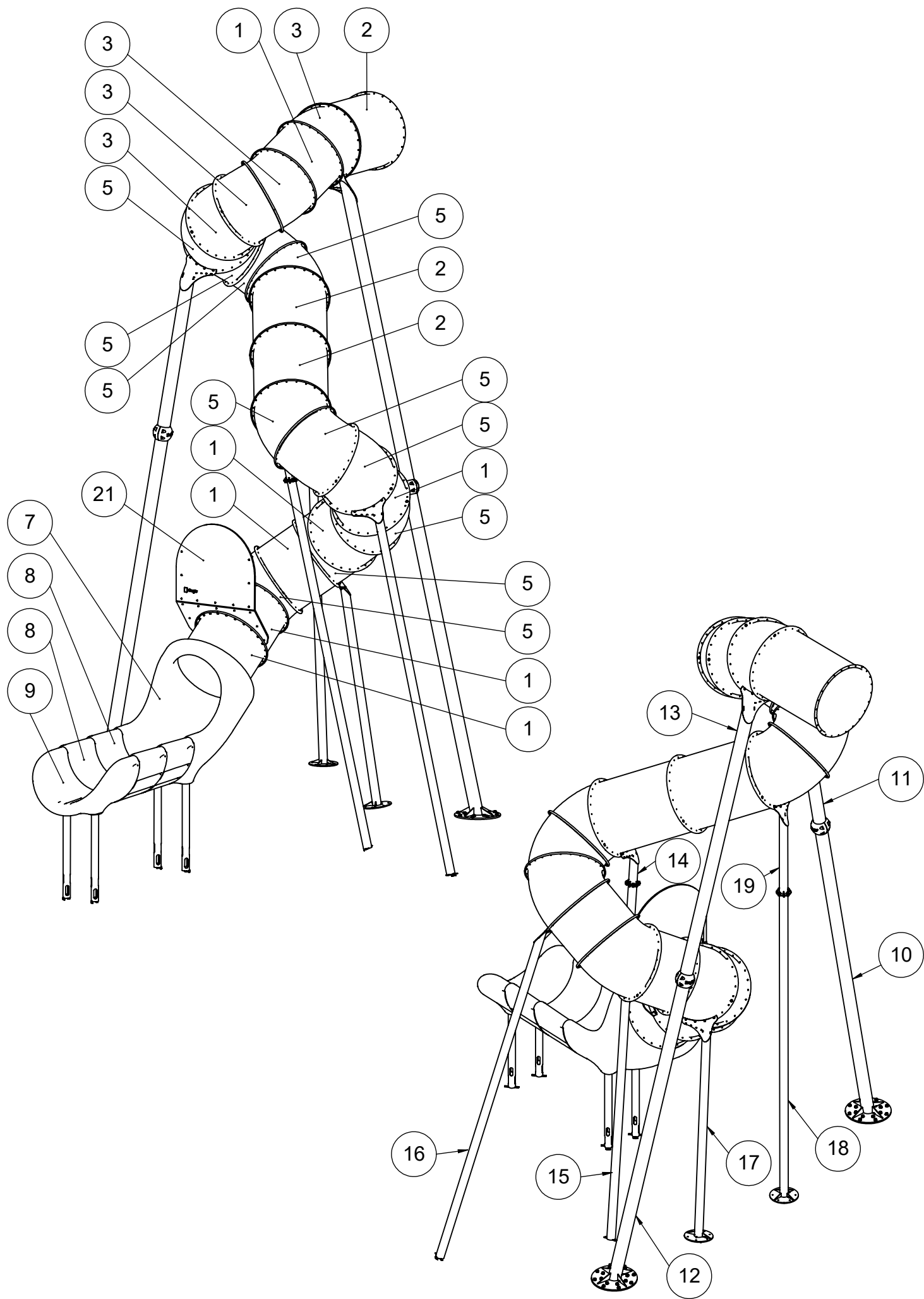
Nr	Element	DIN	ELEMENT	Σ
10		DIN 9021	6x18	1099
11		DIN 1587	M6	8
15		ISO 7380	M6x30	541
16		-	K1_d21_B	574
17		-	Z1_d21_B	574
18		DIN 985	M6 (OC)	534
21		DIN 125	8x16	117
22		DIN 125	6x12	8
31		DIN 985	M8 (OC)	28
43		DIN 1587	M8	24
45		ISO 7380	M8x30	24
58		-	LOCTITE	1
61		-	KL105 (OC)	12
89		DIN 934	M16 (OC)	32
90		DIN 125	16x30	32
101		ISO 7380	M6x60	8



MTSK_H600_A4 F40-N (LZ)

Nr	Element	DIN	ELEMENT	Σ
119		DIN 933	M6x40 (OC)	6
147		-	M6x10	13
209		DIN 933	M8x35 (OC)	20
240		DIN 933	M8x25	8
327		-	MLR133	4
472		DIN 933	M6x25 (OC)	18
526		-	KCH	3
531		-	S4_1400_82	32

MTSK_H600_A4 F40-N (LZ)

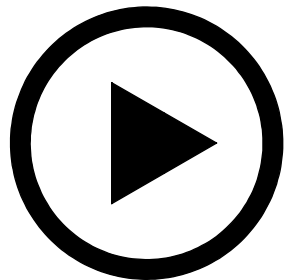
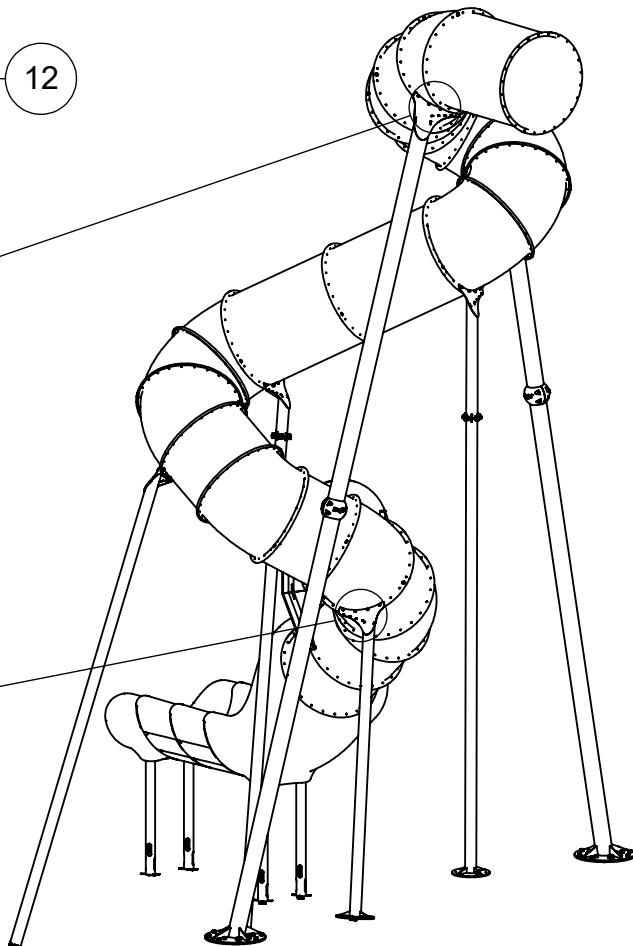
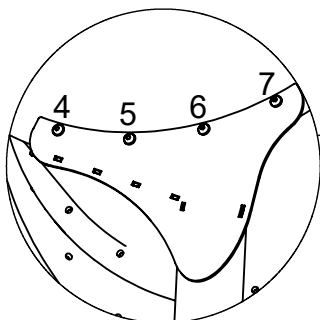
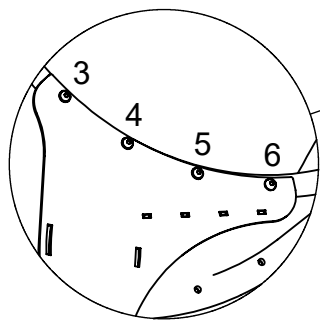
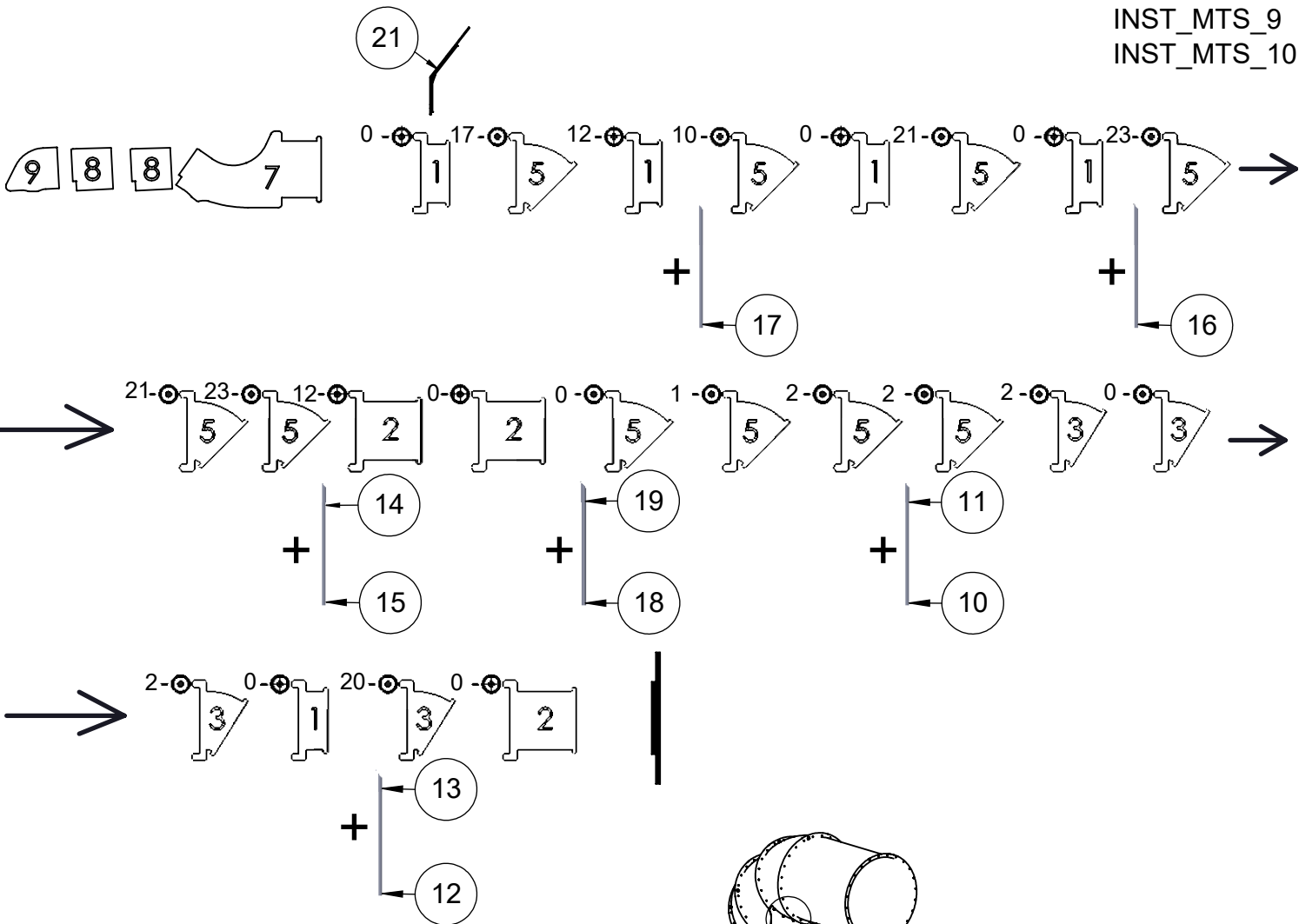


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MTSK_H600_A4 F40-N (LZ)

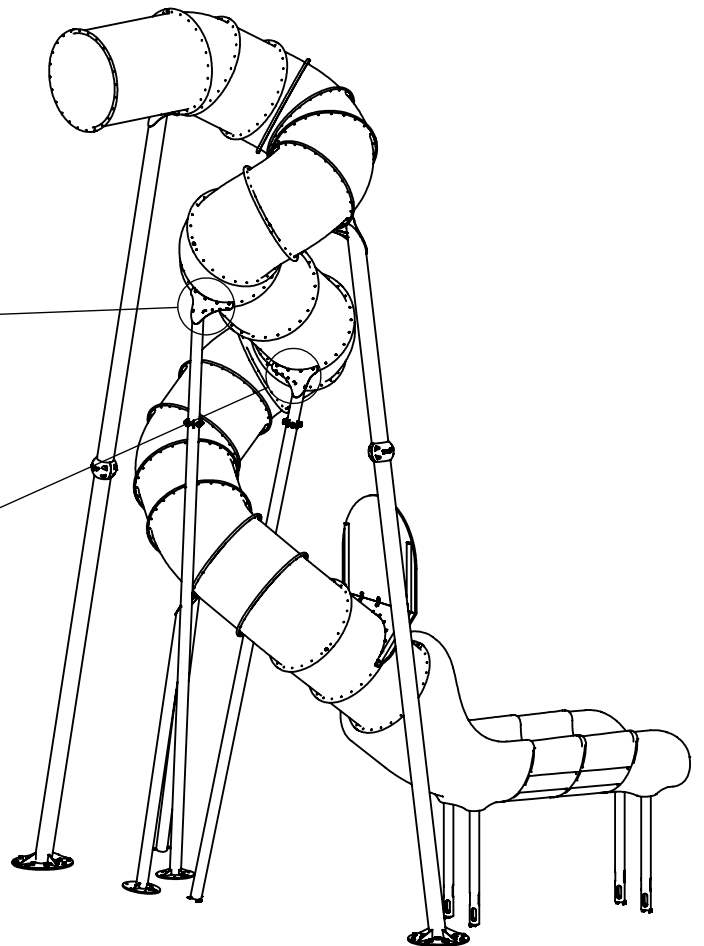
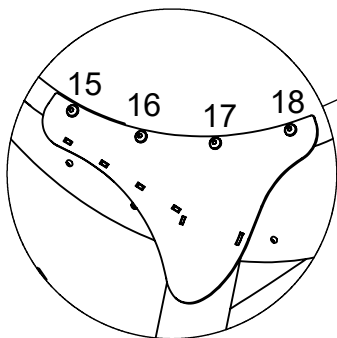
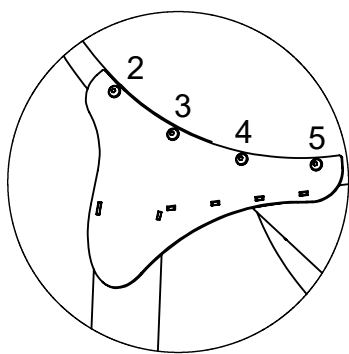
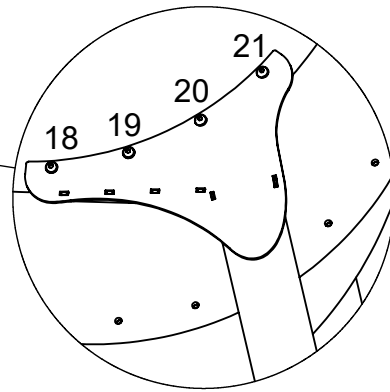
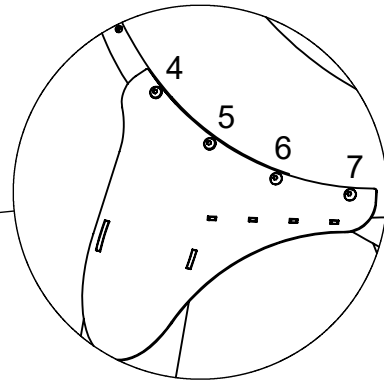
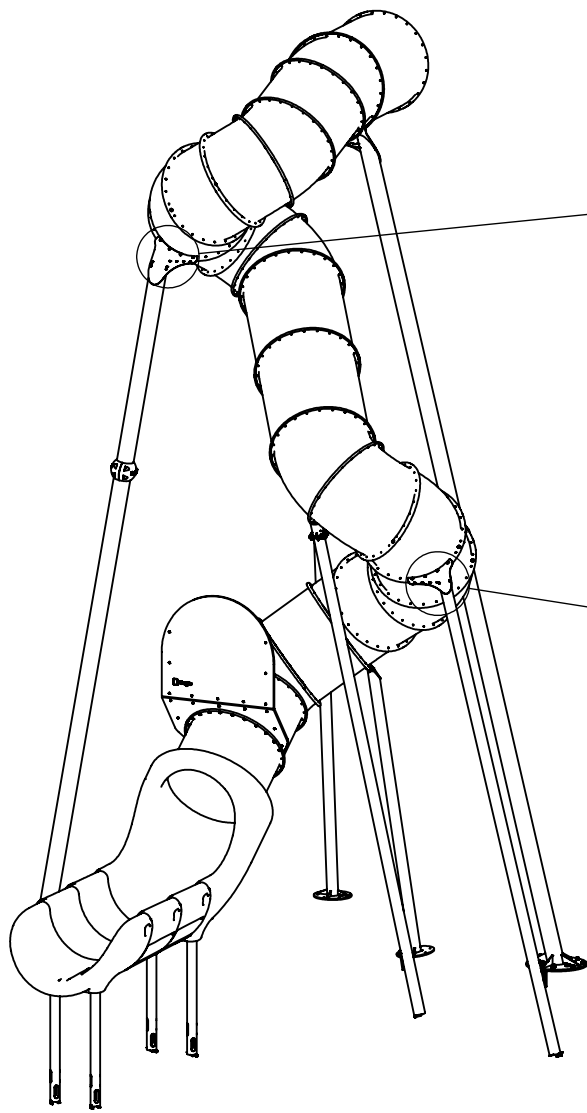


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MANUAL



Konserwacja i kontrola urządzenia Zgodnie z normą PN EN 1176-1:2017-12

Eksplatacja i konserwacja:

Wszelkie czynności konserwacyjne nie opisane w poniższej instrukcji elementów objętych gwarancją należy konsultować z producentem urządzeń.

Powłoki antykorozyjne:

Uszkodzone powłoki malarskie konstrukcji stalowych należy oczyścić z kurzu, pyłu, tłuszczu oraz wszelkich ognisk korozyjnych. W kolejnym etapie pokryć antykorozyjną farbą podkładową do podłoża stalowych. Po wyschnięciu, dwukrotnie pomalować farbą w sprayu.

Zestawienie kolorów BUGLO wg palety RAL:

Szary – RAL 7035, Żółty – RAL 1003, Niebieski – RAL 5015, Czerwony – RAL 3000, Zielony – RAL 6018, Czarny – RAL 9005, Fioletowy – RAL 4008, Grafitowy – RAL 7016, Srebrny – RAL 9006, Beżowy – RAL 1019, Pomarańczowy – RAL 2009, Brązowy – RAL 8017

Drewno:

Elementy wykonane z drewna klejonego wymagają okresowego odnawiania. W zależności od czynników klimatycznych, stopnia eksplantacji i uszkodzeń mechanicznych zaleca się ponowną impregnację po okresie od 2 do 5 lat.

Przed impregnacją elementy drewniane należy zmatowić, a następnie zastosować kolejno:

- 1) Podkład impregnujący – GORI 356
- 2) Farba nawierzchniowa – NORDICA EKO 3330 – 12TM1806

Produkty dostępne w sieci dystrybucji Firmy Teknos (www.teknos.com). Sposób użycia wg zaleceń producenta.

Drewno IROKO: konserwować środkiem Owatrol D1.

Stal nierdzewna:

Zaleca się raz w roku czyszczenie elementów ze stali nierdzewnej w celu usunięcia osadów i zanieczyszczeń, których nagromadzenie może spowodować powstanie odbarwień na powierzchni stali.

Myć używając bawełnianej ściereki i rozcieńczonych w wodzie łagodnych detergentów, np. płynu do mycia naczyń.

Po myciu elementy należy spłukać czystą wodą i wytrzeć do sucha.

Uwaga!

Do czyszczenia wyrobów ze stali nierdzewnej nie wolno używać środków, które zawierają takie składniki jak: chlor, sól, kwasy oraz wybielacze. Nawet niewielka zawartość tych składników może spowodować trwałe uszkodzenie powłoki tlenków chromu.

Zalecenia dotyczące kontroli urządzenia zgodnie z normą PN EN 1176-7: 2020-09 Wyposażenie placów zabaw i nawierzchnie część 7: Wytyczne instalowania, kontroli, konserwacji i eksploatacji:

1) Kontrola po instalacji - zalecana przed otwarciem placu zabaw do użytku publicznego, mająca na celu ocenę dostępu do sprzętu i jego otoczenia pod kątem ogólnego poziomu bezpieczeństwa.

2) Kontrola okresowa - zalecana przynajmniej raz w tygodniu lub częściej jeżeli urządzenie jest intensywnie użytkowane lub jest szczególnie narażone na wandalizm.

W ramach kontroli okresowej należy sprawdzić:

- Potencjalne uszkodzenia części urządzenia.
- Dokręcenie mocowań.
- Wykończenie powierzchni zestawu.
- Stan nawierzchni amortyzującej.
- Smarowanie łożysk.
- Kompletność elementów zestawu.
- Występowanie pęknięć, ostrych krawędzi i innych uszkodzeń.
- Czystość wokół urządzenia (szczególne zagrożenie stanowi rozbite szkło) oraz wyrównanie nawierzchni bezpiecznej.
- Występowanie przeszkód w przestrzeni wolnej lub przestrzeni upadku i usunięcie ich w przypadku wystąpienia.
- Ogólny stan bezpieczeństwa placu zabaw.

3) Kontrola funkcjonalna - zalecana raz na trzy miesiące.

Obejmuje zakres kontroli okresowej powiększoną o sprawdzenie funkcjonalności urządzenia.

- W ramach kontroli funkcjonalnej należy dokonać oględzin elementów nierozbieralnych (kompletność zaślepek i maskownic).
- Sprawdzić stabilność słupów.
- Sprawdzić, wyrównać sypką nawierzchnię bezpieczną, a w przypadku gdy jej poziom sięga więcej niż 10cm poniżej oznaczonego poziomu powierzchni zabawy – uzupełnić.
- Sprawdzić stan mocowań i dokręcić śruby.
- Sprawdzić stan napięcia elementów linowych oraz siatek i piramid linowych.
- Sprawdzić stan spawów.
- Wymiana zużytych lub uszkodzonych elementów.

4) Kontrola funkcjonalna i główna - obowiązkowa raz w roku.

Kontrola główna obejmuje:

- Sprawdzenie stateczności konstrukcji.
- Sprawdzenie i rekonstrukcja uszkodzonych powłok antykorozyjnych.
- Sprawdzenie stanu fundamentu.
- Sprawdzenie i wyrównanie sypkiej nawierzchni bezpiecznej. W przypadku, gdy jej poziom sięga więcej niż 10cm poniżej oznaczonego poziomu powierzchni zabawy – uzupełnić.
- Sprawdzenie stanu elementów drewnianych, jeżeli występują.

Urządzenia powinny być kontrolowane przez kompetentne do tego osoby (z potwierdzonym poziomem kompetencji). Kontrole produktów powinny odbywać się okresowo. Każdorazowo administrator placu zabaw powinien prowadzić zapisy z kontroli w postaci kart kontroli.

Modyfikacje części wyposażenia lub konstrukcji, które mogą mieć wpływ na podstawowe bezpieczeństwo sprzętu, powinny być przeprowadzane tylko po konsultacji z producentem lub kompetentną osobą.

Cały personel zaangażowany w zarządzanie bezpieczeństwem placu zabaw musi posiadać odpowiednie kompetencje.

Pełen zakres wymagań wg normy **PN EN 1176-7: 2020-09**.

Przykładową kartę kontroli placu zabaw zawarto w załączniku A. 1.



Karta kontroli placu zabaw

Administarcja placu zabaw

Kontrolowane produkty (nr produkty, producent)
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Harmonogram kontroli		
Kontrola wykonywana raz w tygodniu lub częściej jeżeli urządzenie jest intensywnie użytkowane (okresowa)	TAK	NIE
1 Ogólny stan bezpieczeństwa na placu zabaw.		
2 Dokręcenie mocowań, nasmarowanie łożysk, sprawdzenie stanu nawierzchni amortyzującej.		
3 Czy zestaw jest kompletny?		
4 Czy występują pęknięcia, ostre krawędzie lub inne uszkodzenia?		
5 Czy teren wokół urządzenia jest czysty (brak szkła, równa nawierzchnia bezpieczna)?		
6 Czy występują przeszkody w przestrzeni wolnej lub przestrzeni upadku?		

Kontrola wykonywana raz na trzy miesiące (funkcjonalna)	TAK	NIE
1 Czy elementy nierozbieralne są kompletne (zaślepki i maskownice są kompletne)?		
2 Czy słupy są stabilne?		
3 Czy nawierzchnia bezpieczna sypka jest równa?		
4 Czy poziom nawierzchni bezpiecznej sięga do oznaczonego poziomu lub jest max. 10cm poniżej tego poziomu?		
5 Czy stan mocowań jest odpowiedni?		
6 Czy stań spawów jest odpowiedni?		
7 Czy napięcie lin i siatek jest odpowiednie?		
8 Wymiana zużytych lub uszkodzonych elementów.		

Kontrola wykonywana raz w roku (funkcjonalna i główna)	TAK	NIE
1 Czy konstrukcja jest stateczna?		
2 Czy występują uszkodzenia powłok antykorozyjnych?		
3 Czy nawierzchnia bezpieczna sypka jest równa?		
4 Czy stan fundamentów jest odpowiedni?		
5 Czy stan elementów drewnianych jest odpowiedni?		
6 Czy poziom nawierzchni bezpiecznej sięga do oznaczonego poziomu lub jest max. 10cm poniżej tego poziomu?		

Usterki / naprawa	
1	
2	
3	
4	
5	

Wymiana części		
Nazwa części	Ilość	Powód
1		
2		
3		

Data kontroli	Osoba wykonująca kontrolę
1	
2	
3	
4	