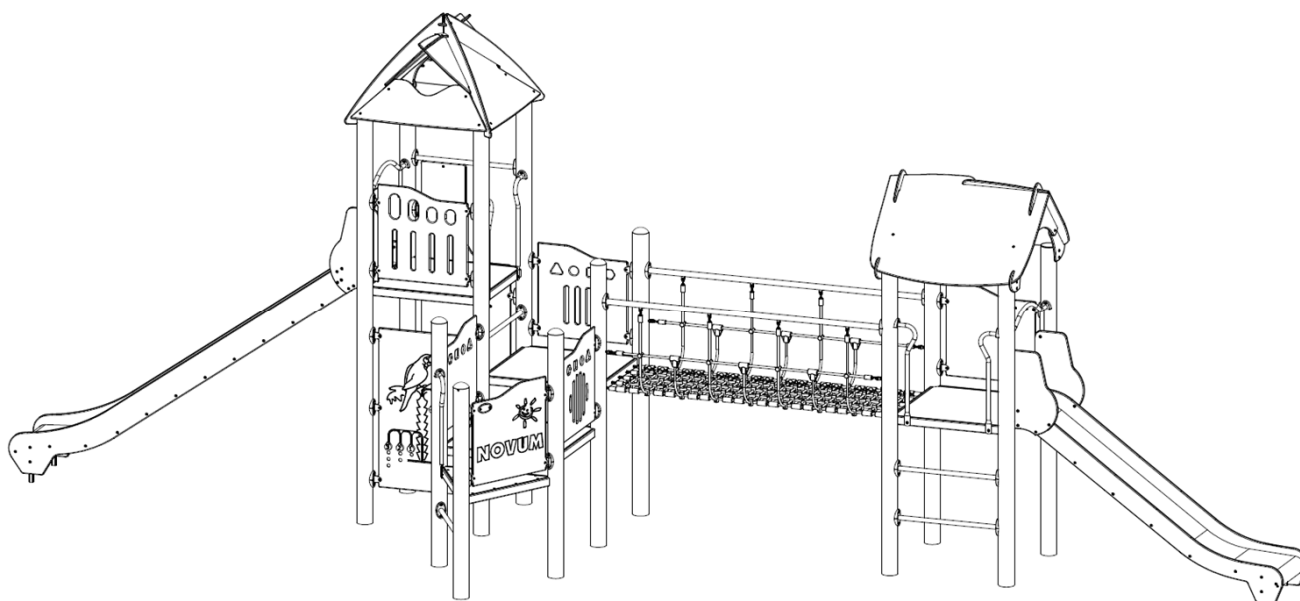




PL	INSTRUKCJA MONTAŻU	Nazwa	Zestaw Orbis	Nr kat.	1145
ENG	ASSEMBLY INSTRUCTIONS	Product	Orbis Set	Cat. no.	
DEU	MONTAGEANLEITUNG	Name	Orbis Set	Art.-Nr.	
FRA	INSTRUCTIONS D'INSTALLATION	Catégorie	Orbis Set	Référence.	

1145



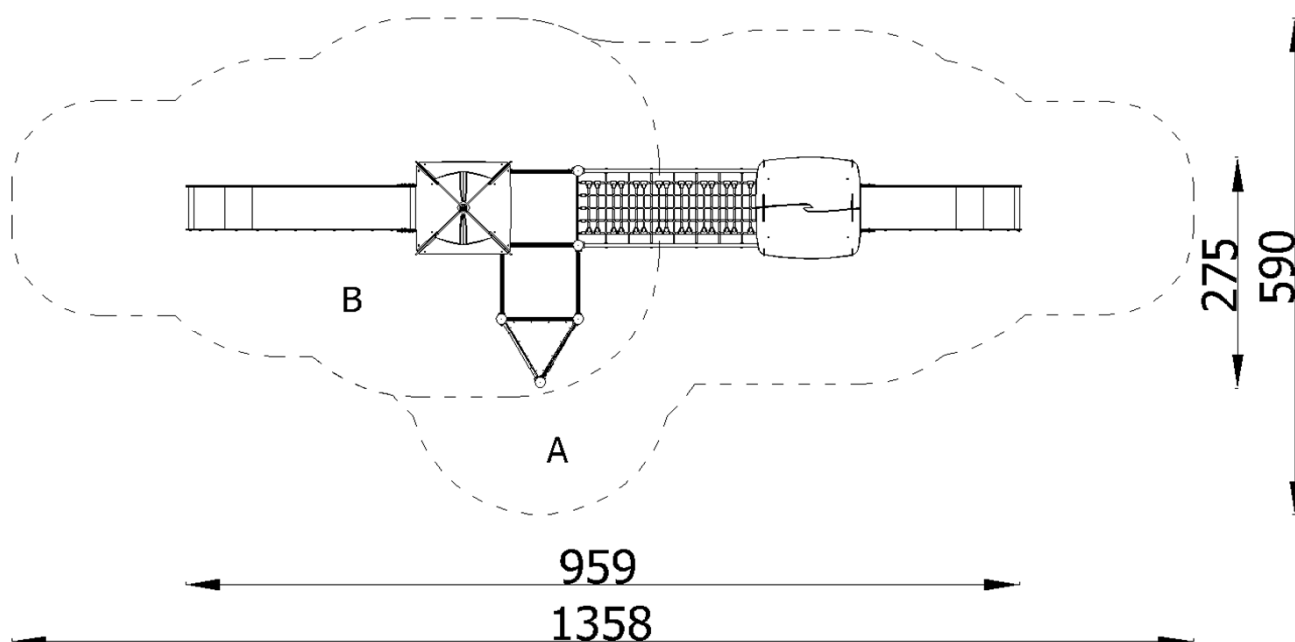
Wiek użytkowników Age of users Altersgruppe	Ilość użytkowników Number of users Anzahl der Benutzer Nombre d'utilisateurs	Przeznaczenie urządzenia Purpose of device Bestimmung des Spielgerätes	Zgodność z normą In accordance with the standard Geltende Norm
3 - 14	19	do zabawy na zewnątrz for outdoor playing zum draußen Spielen	PN-EN 1176-1:2017
NOVUM Sp. z o.o. Sp. k. ul. Bolesława Chrobrego 1, 12-100 Szczycno		e-mail: biuro@novumedukacja.pl	www.novumedukacja.pl
NOVUM Sp. z o.o. Sp. k. ul. Bolesława Chrobrego 1, 12-100 Szczycno		e-mail: eksport@novumgrom.com	www.novum4kids.com

UWAGA / WARNING / ACHTUNG / ATTENTION:

PL Jeżeli w zestawie występuje zjeżdżalnia, zestaw należy posadowić w taki sposób, aby ślizg zjeżdżalni znajdował się od strony północnej, czyli od strony nienasłonecznionej, aby zapobiegać nadmiernemu nagrzewaniu się ślizgu.

ENG If there is a slide in the set, it should be installed from the north, poorly sunny side to avoid possible hazards (burns) through direct skin contact.

DEU Wenn eine Spielplatzanlage eine Rutsche enthält, sollte diese Anlage so platziert werden, dass die Rutsche sich auf der Nordseite befindet, dh. auf der schattigen Seite, um übermäßige Erwärmung der Rutschbahn zu vermeiden.

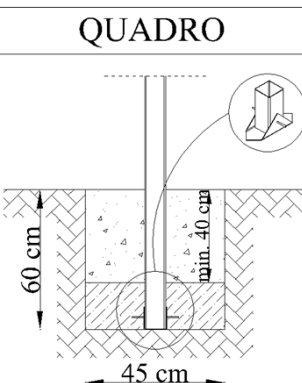
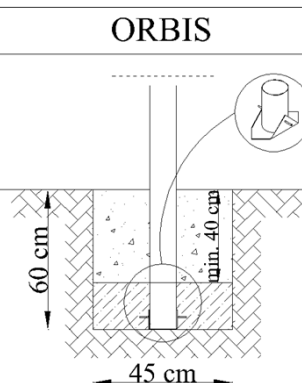
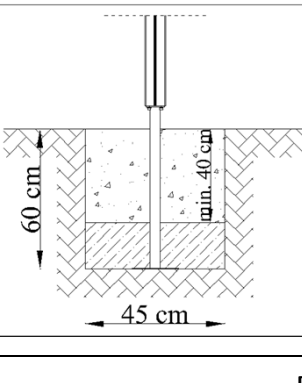
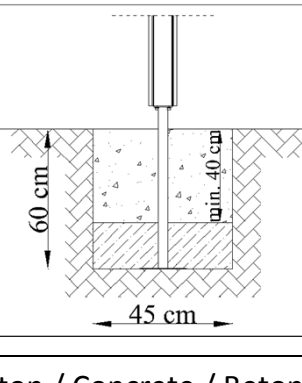
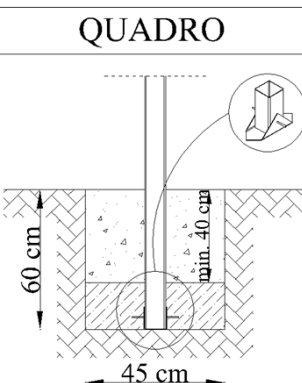
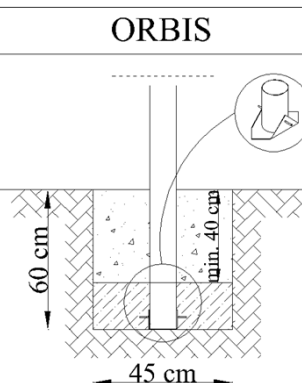
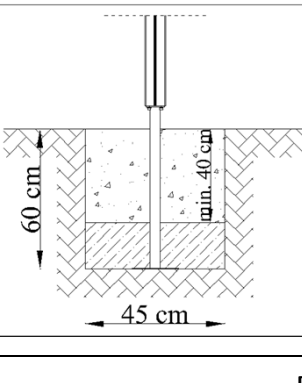
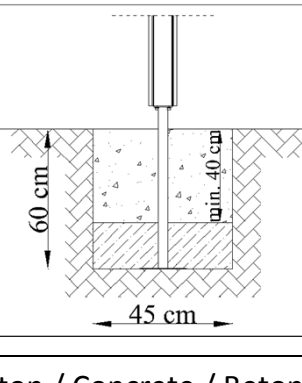
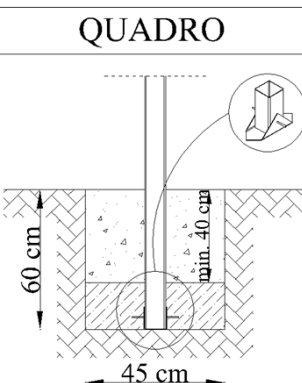
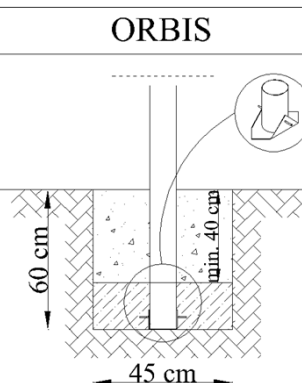
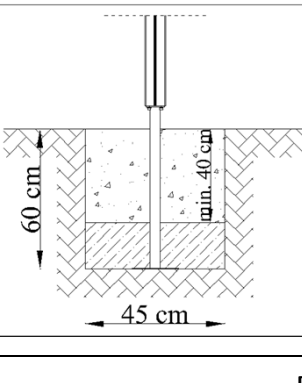
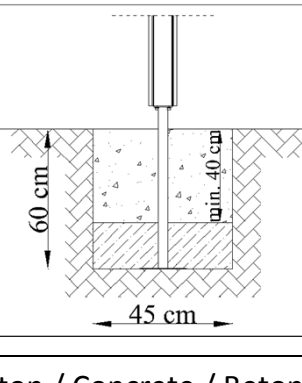


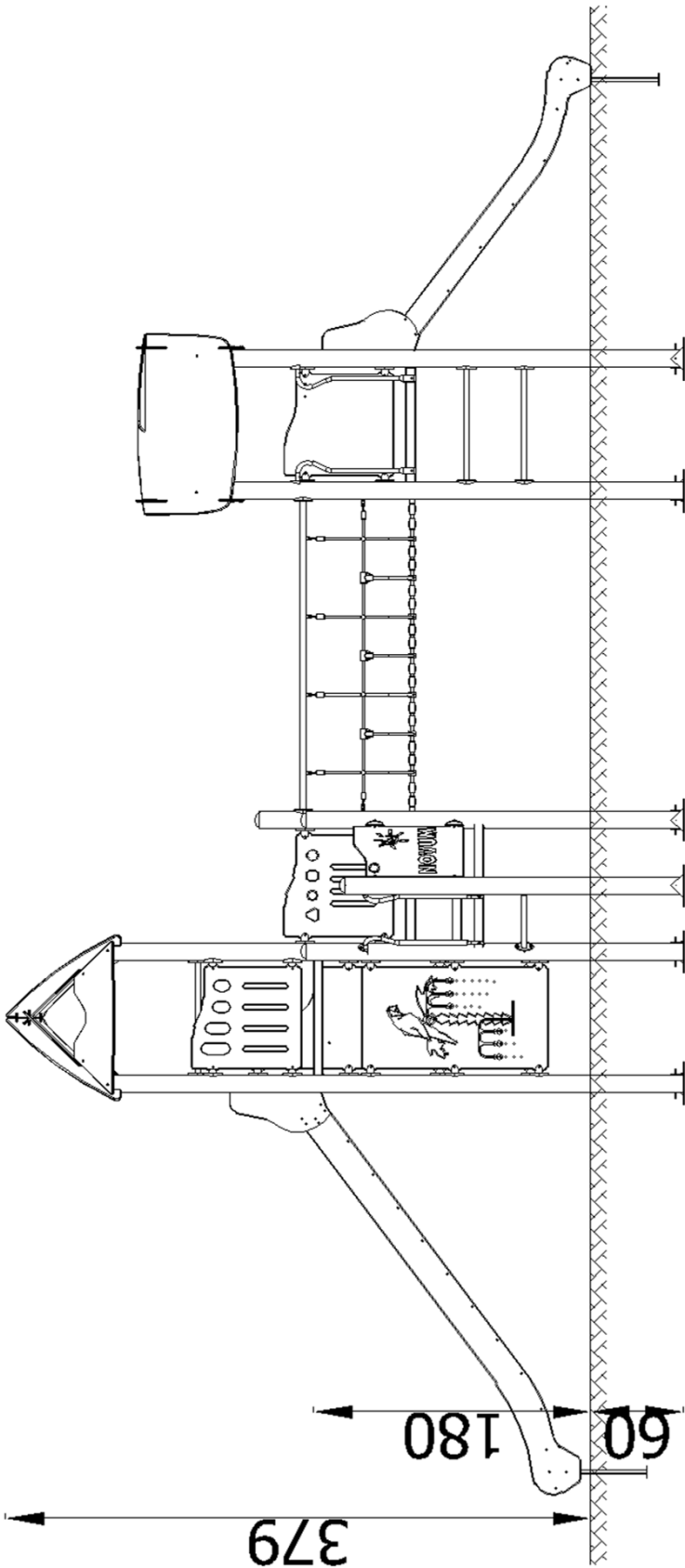
Montaż zgodnie z planem zagospodarowania terenu.
Installation in accordance with the land development plan.
Montage gemäß dem Flächennutzungsplan

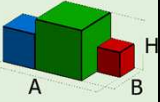
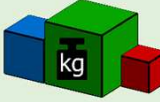
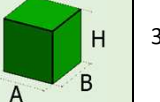
Bezpieczna nawierzchnia / Safe surface / Safe Oberfläche / Surface sûre

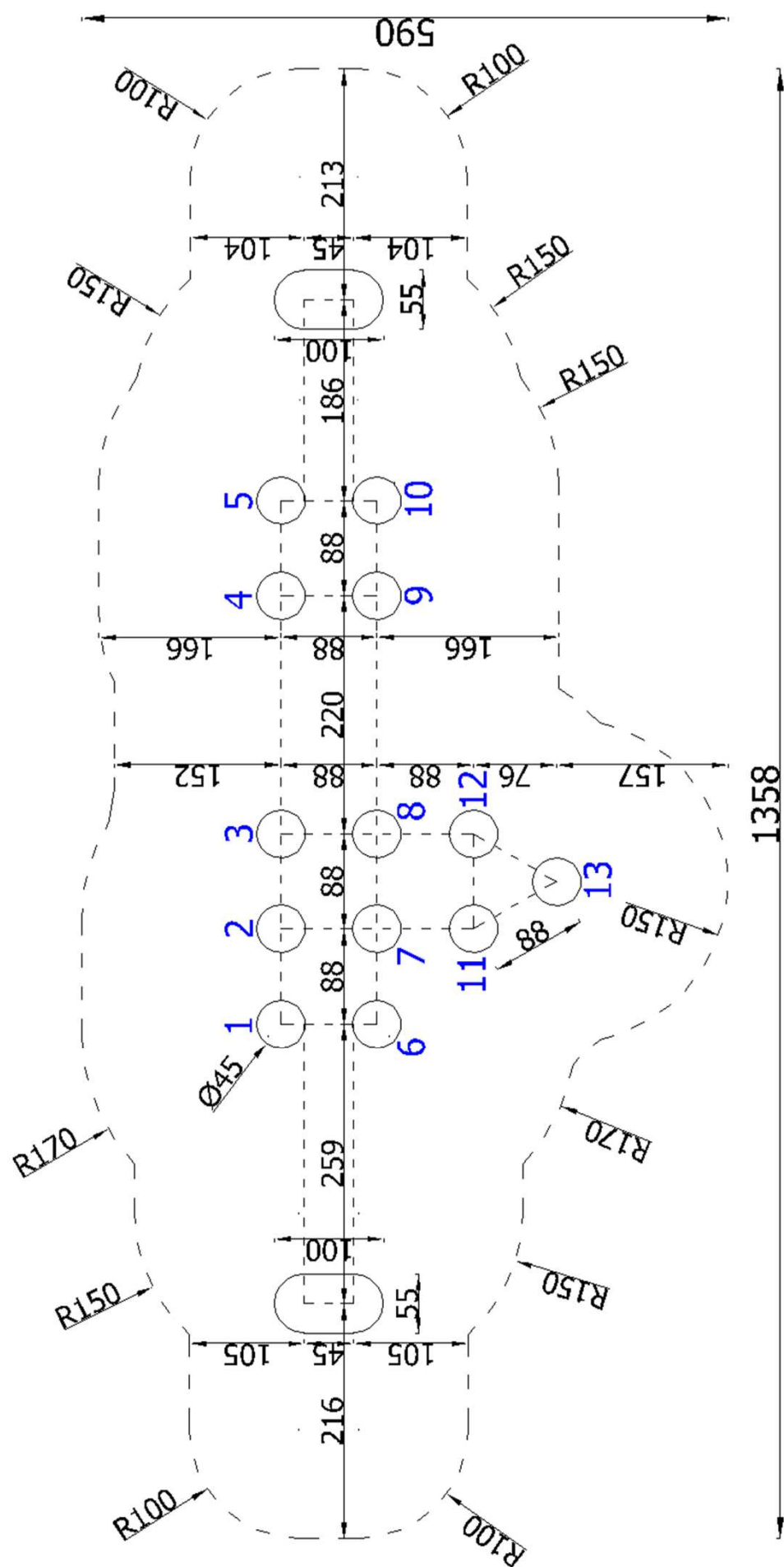
Strefa Zone Zone Zone	Max. wysokość upadku Max. fall height Max. Fallhöhe Max. hauteur de chute	Pole powierzchni Surface area Fläche Surface	Obwód strefy bezpiecz. Perimeter security zone Umkreis der Fallschutzfläche Zone de périmètre de sé.
A	1,50 m	25,00 m ²	33,00 m
B	1,80 m	26,00 m ²	
C	-	-	

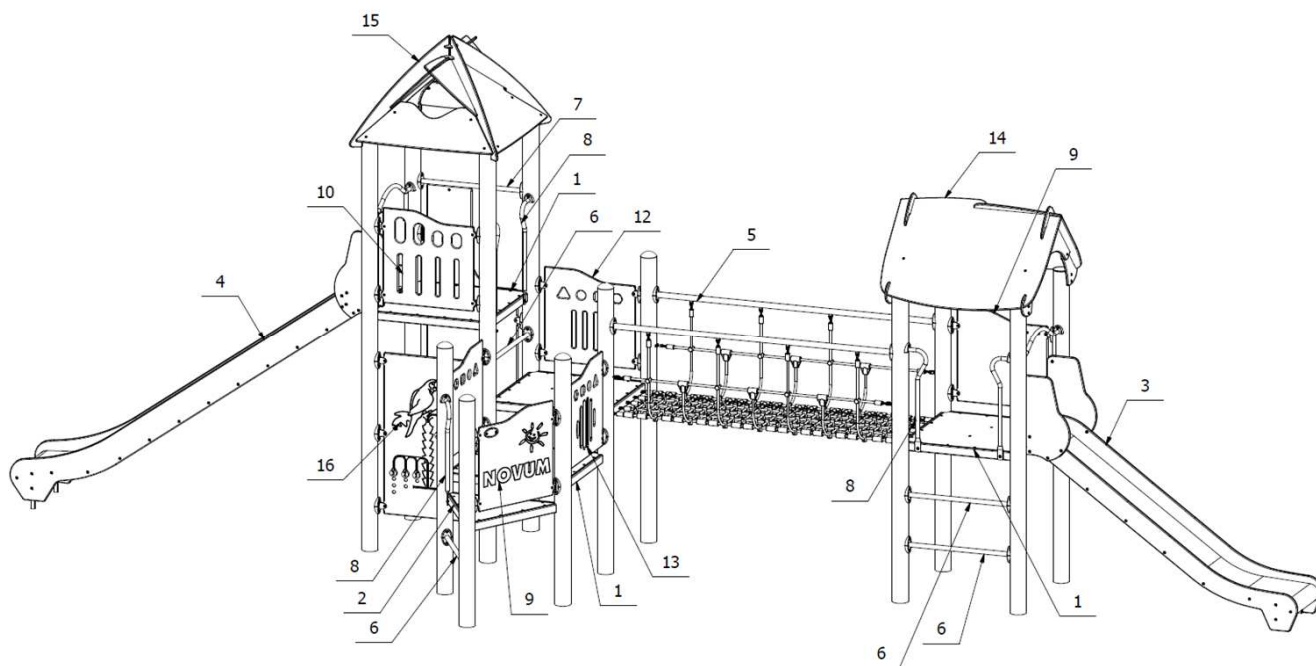
Nawierzchnia / Safe surface / Fallschutzbelag / fr			1145
	Materiał Material Material		Min. wysokość warstwy Min. layer thicknesses Min. Schichtöhe
h<0,6 m	Beton / Concrete / Beton Nawierzchnia bitumiczna / Bituminous surfacing / Bituminöse Oberfläche		
h<1 m	Gleba / Topsoil / Boden Darń / Turf / Grasnarbe		
h<2 m	Kora / Bark / Borke	20÷80 mm	300
	Wióry / Wood chips / Holzhackschnitzel	5÷30 mm	
	Piasek / Sand / Sand Żwir / Gravel / Kies	0,25÷8 mm	
h<3 m	Kora / Bark / Borke	20÷80 mm	400
	Wióry / Wood chips / Holzhackschnitzel	5÷30 mm	
	Piasek / Sand / Sand Żwir / Gravel / Kies	0,25÷8 mm	
h<3 m	Nawierzchnia syntetyczna / Synthetic granulates / Synthetische Oberfläche		wg danych producenta acc. to the manufacturer's data nach Angaben des Herstellers

Posadowienie / Foundation / Gründung / Fondation			1145									
	<table><tr><td></td><td>QUADRO</td><td>ORBIS</td></tr><tr><td>MP</td><td></td><td></td></tr><tr><td>EP</td><td></td><td></td></tr></table>				QUADRO	ORBIS	MP			EP		
	QUADRO	ORBIS										
MP												
EP												
Beton / Concrete / Beton: C16/20 - 0,60 m³												
W celu kontroli fundamentów należy usunąć nawierzchnię bezpieczną / piasek / żwir etc. In order to control the foundations, remove the safe surface (sand, gravel, etc.) Um die Fundamente zu überprüfen, entfernen Sie den Fallschutzbelag: Sand/ Kies etc.												



 A B H	2,75x9,59x3,79 (AxBxH) [m]	 kg	604 kg	 A B H	3,70x0,12x0,3 3	 kg	69 kg
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Części zamienne dostępne u producenta. Stosować klej do gwintów w połączeniach śrubowych.
Spare parts available from the manufacturer. Use thread glue in screw connections.
Ersatzteile beim Hersteller erhältlich. Gewindekleber für Schraubverbindungen verwenden.

17	Komplet rur z elementem kotwiącym zestawu 1145	1145/1 - 1145/13	1				
16	Labirynt Papuga	26194_RM	1				
15	Dach kopertowy z lukarnami	2518_RM	1				
14	Dach dwuspadowy Orbis	2515_RM	1				
13	Zabezpieczenie Ażurowe Koło	2403_28_RM_P	1				
12	Zabezpieczenie Ażurowe Kwadrat	2403_27_RM_P	1				
11	Zabezpieczenie Ażurowe Figury	2403_26_RM_L	1				
10	Zabezpieczenie Ażurowe	2403_18_RM_L	1				
9	Zabezpieczenie NOVUM	2403_01_RM_P	2				
8	Zwężka	23108_RM	3				
7	Ścianka wspinaczkowa z otworem	23106_RM	1				
6	Stopień z podwójnymi wypraskami	2335_RM	4				
5	Pomost linowy	2201_RM	1				
4	Zjeżdżalnia 180	2115_RM	1				
3	Zjeżdżalnia 120	2113_RM	1				
2	Podest trójkątny	2072_RM	1				
1	Podest Orbis	2070_RM	4				
Lp. Art. Nr.	No. Rep.	Nazwa części Teilenamen	Part name Nom de la pièce	Nr części Teile-Nr	Part No. Partie No.	Ilość Anzahl	Quantity Nombre



5 m

30 m



2,5 m

60 cm

100 cm



7 mm

13 mm

17 mm

19 mm

24 mm



13 mm

17 mm

19 mm

24 mm

4 mm

5 mm

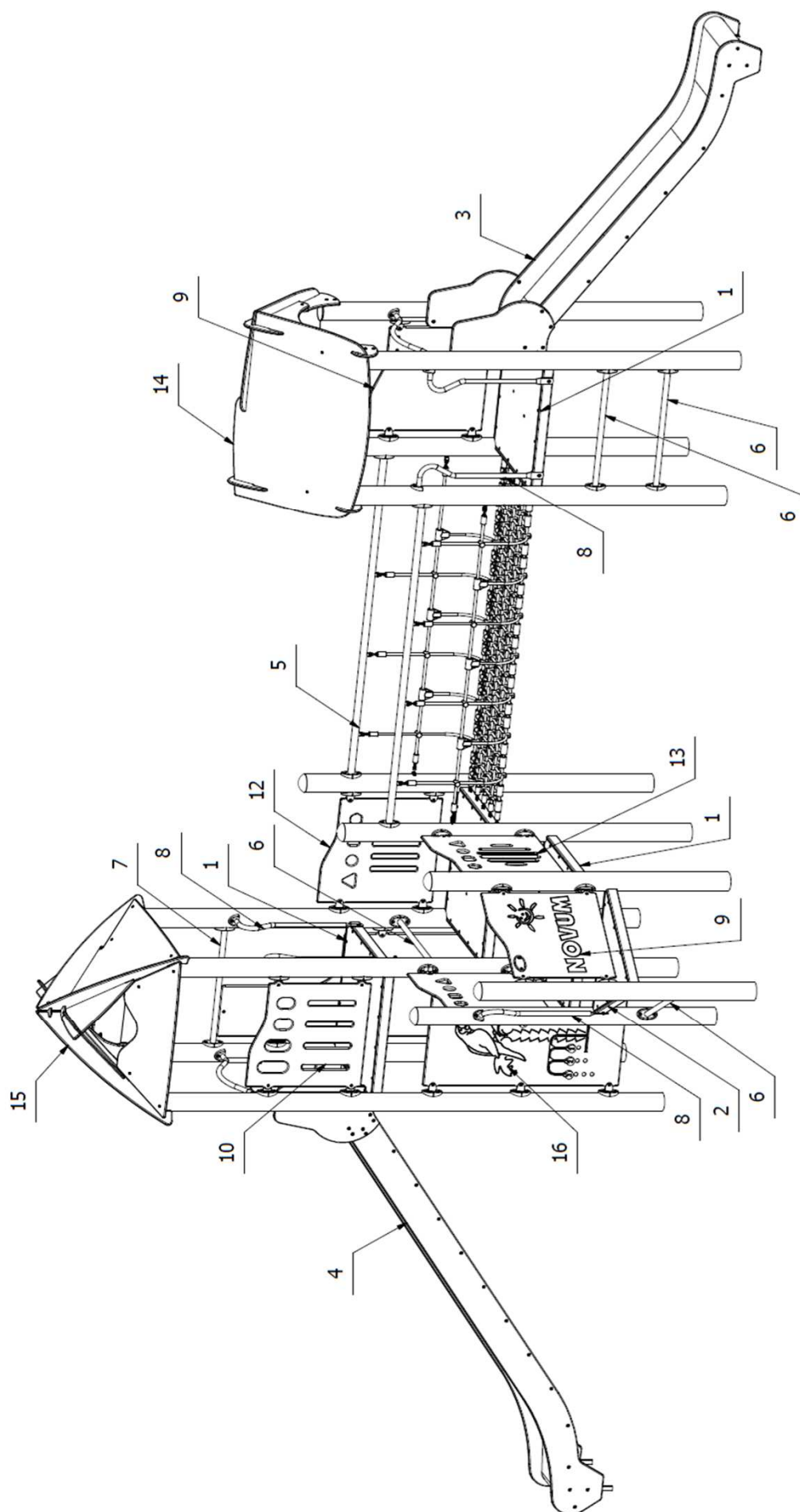
6 mm

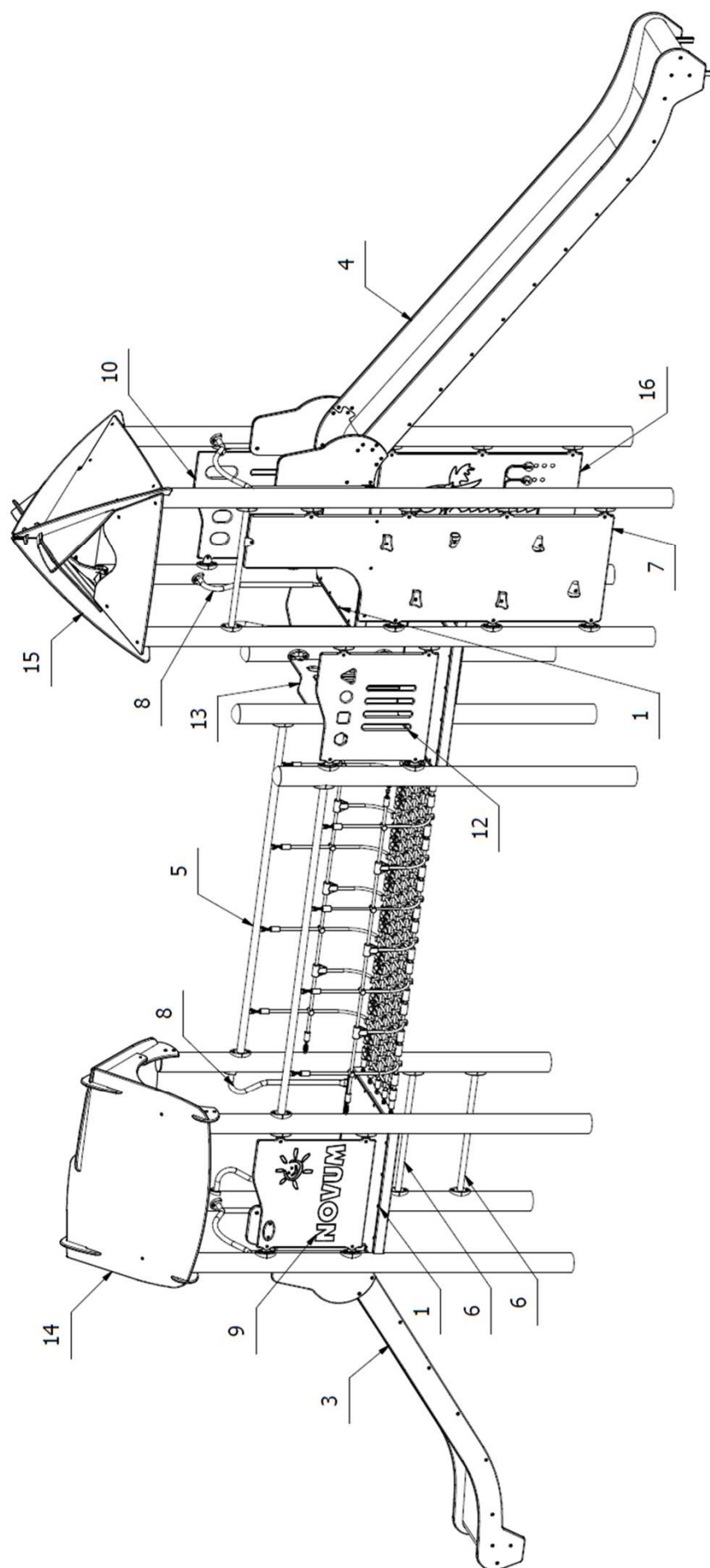
8 mm

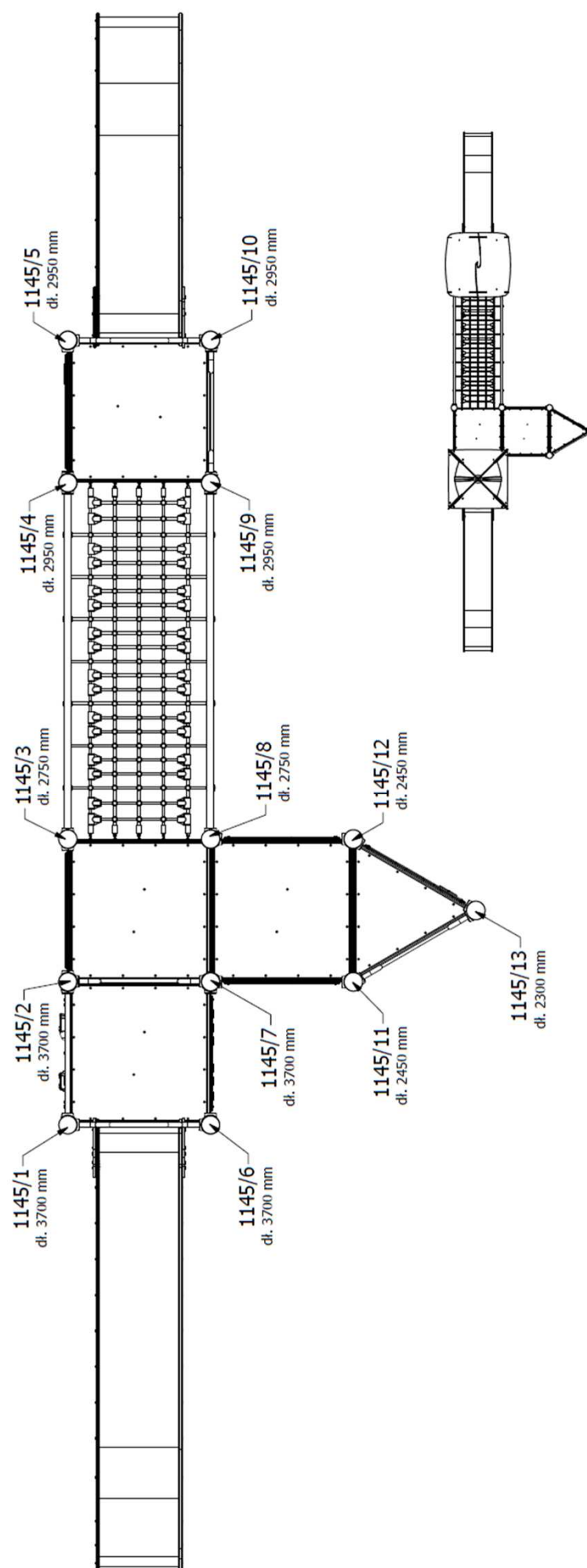
T40

T45

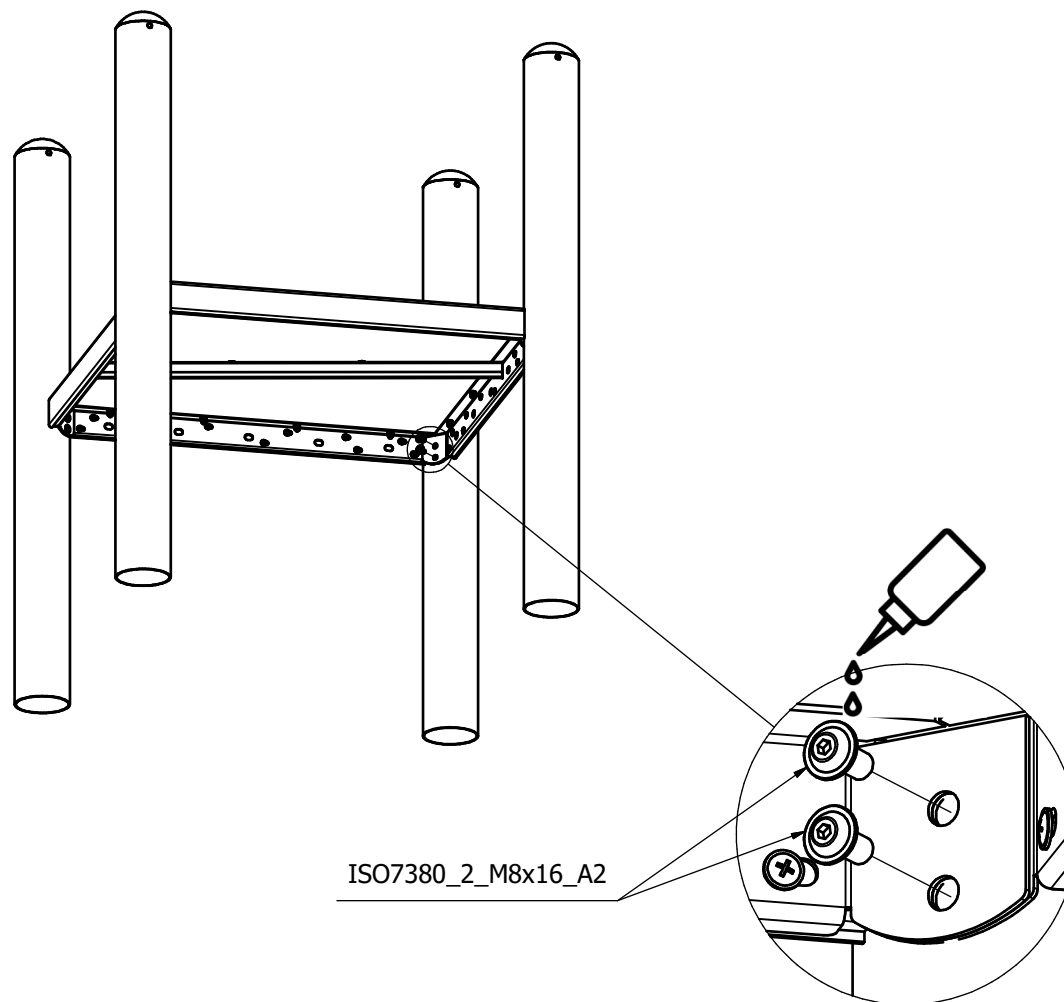
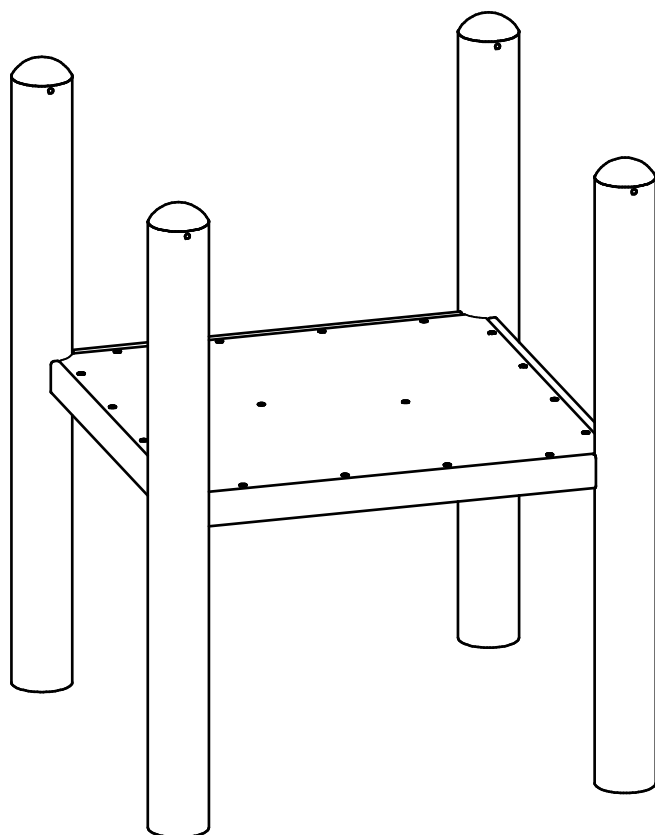






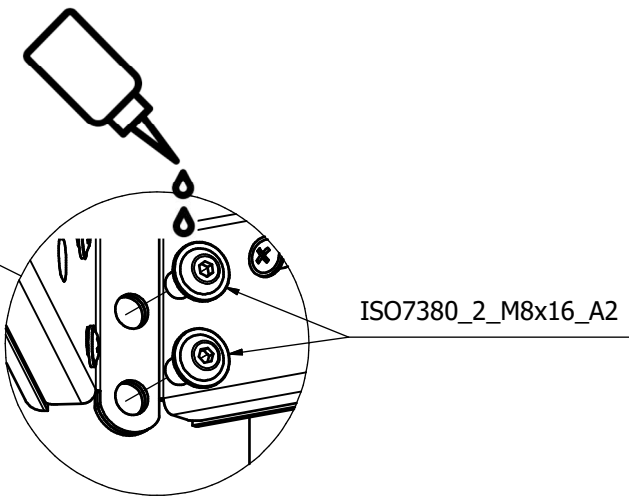
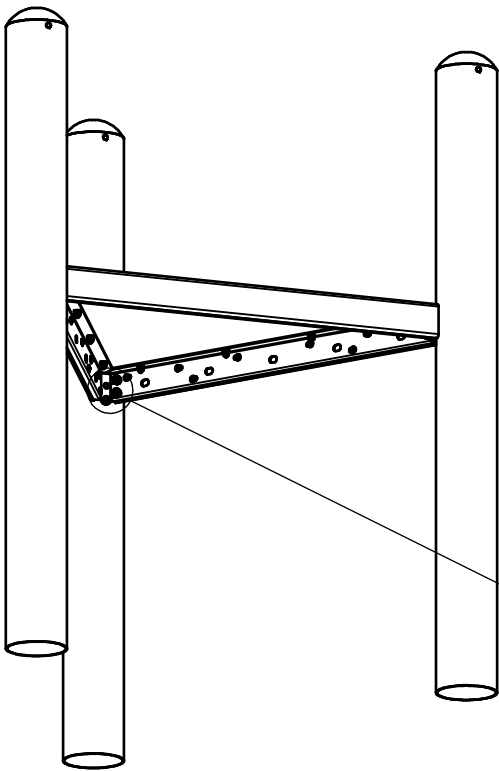
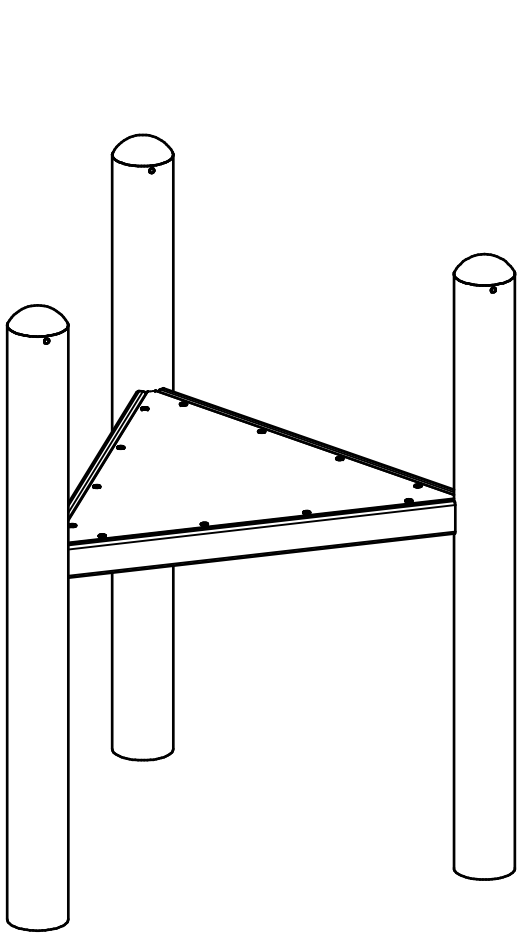


ISO7380_2_M8x16_A2	8
Nr Rys./Normy	Ilość

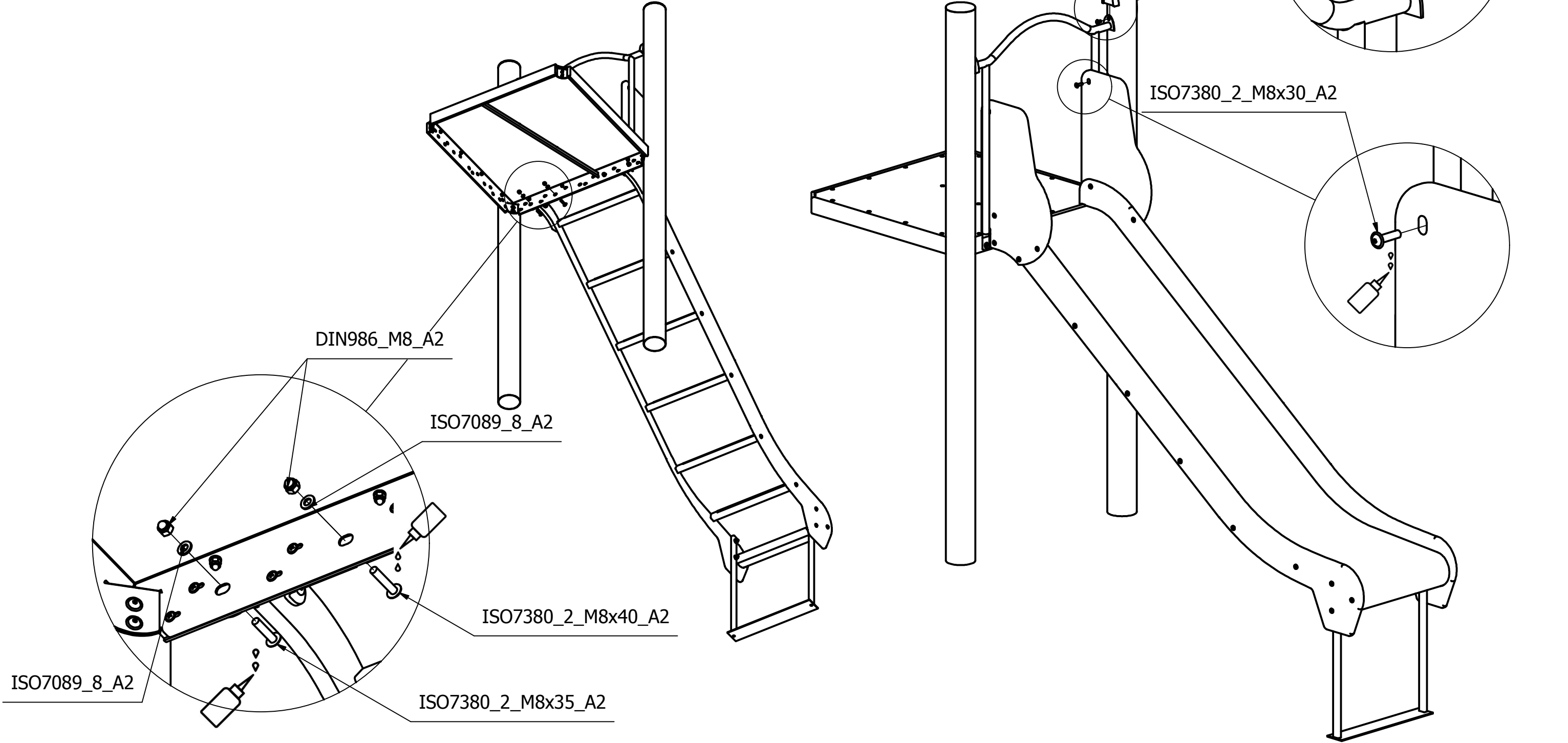


ISO7380_2_M8x16_A2

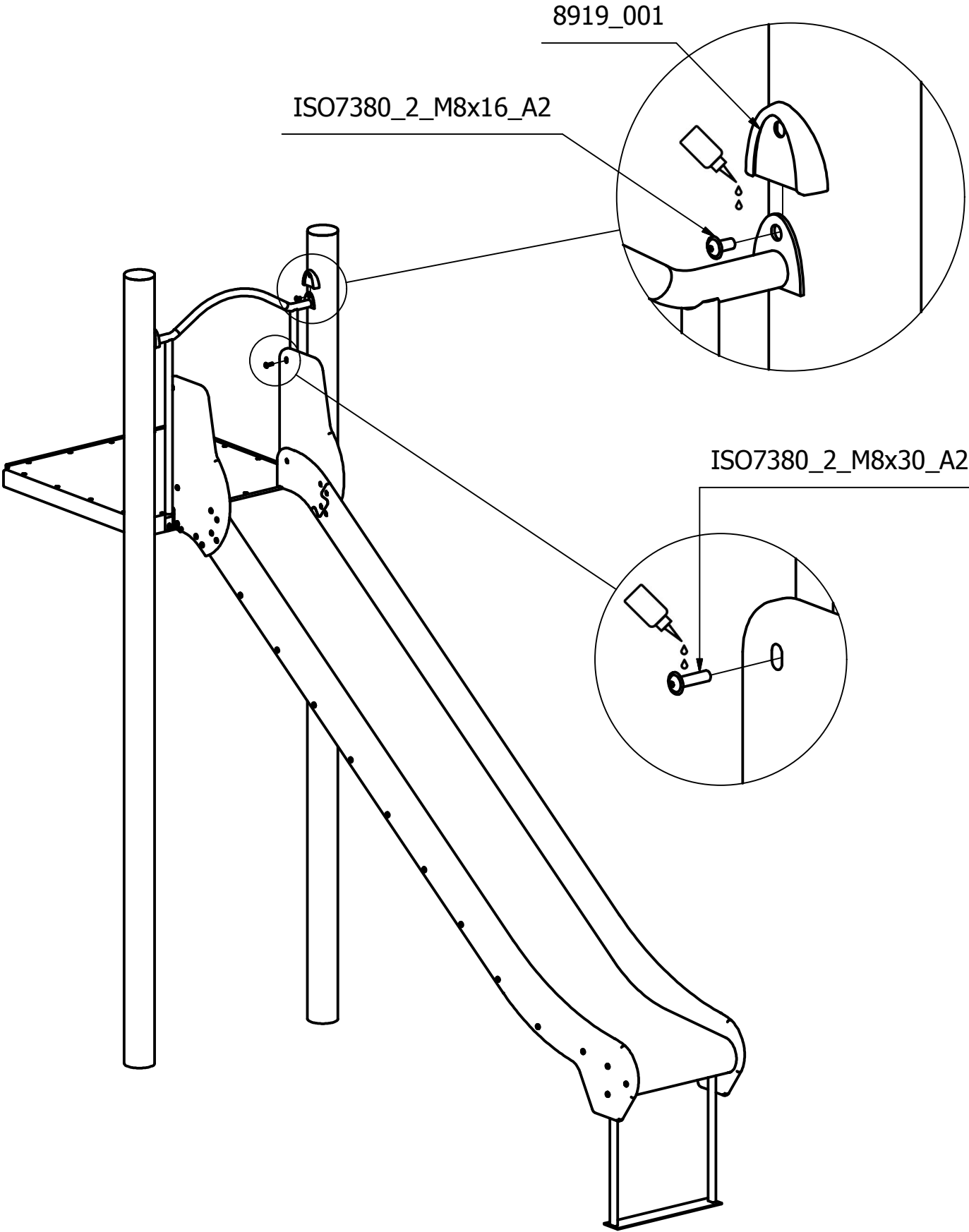
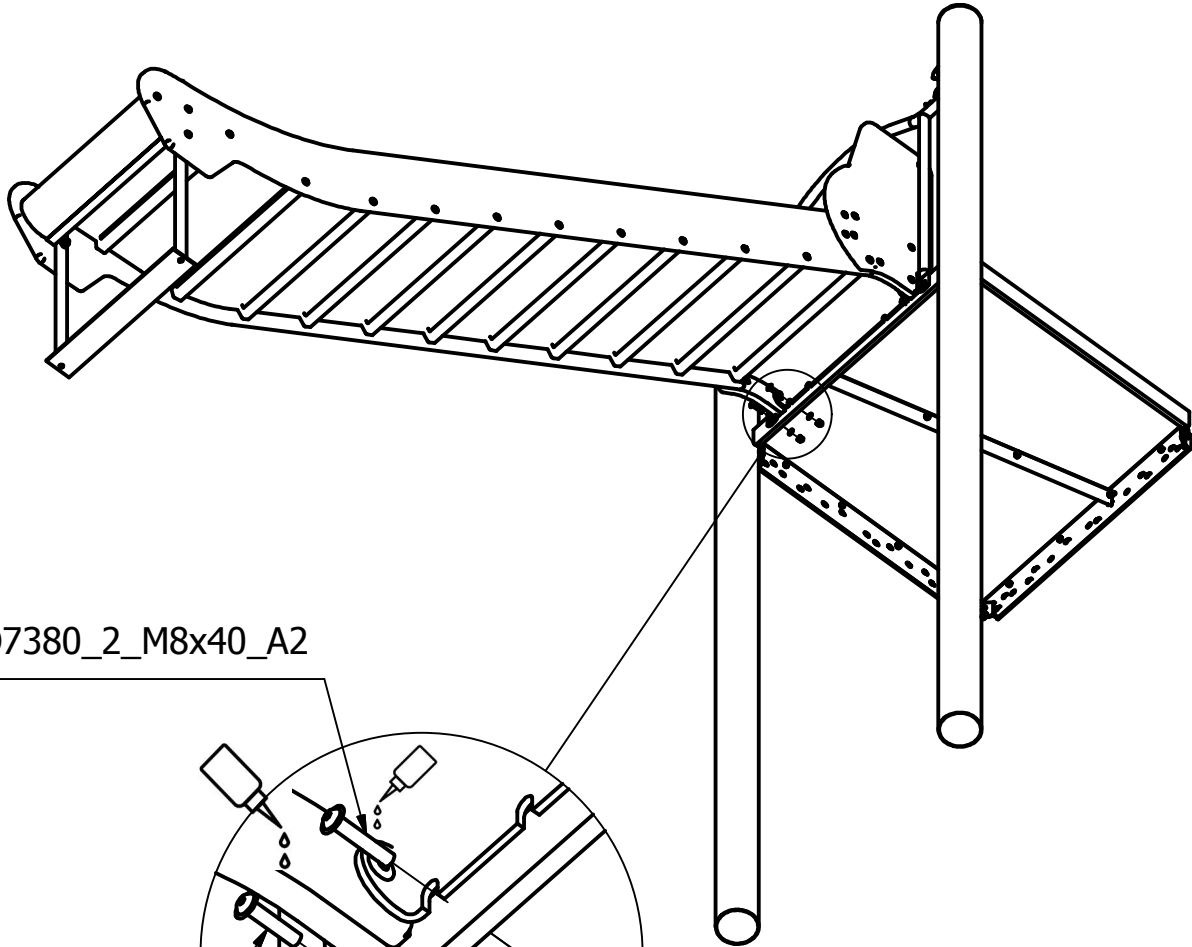
ISO7380_2_M8x16_A2	6
Nr Rys./Normy	Ilość



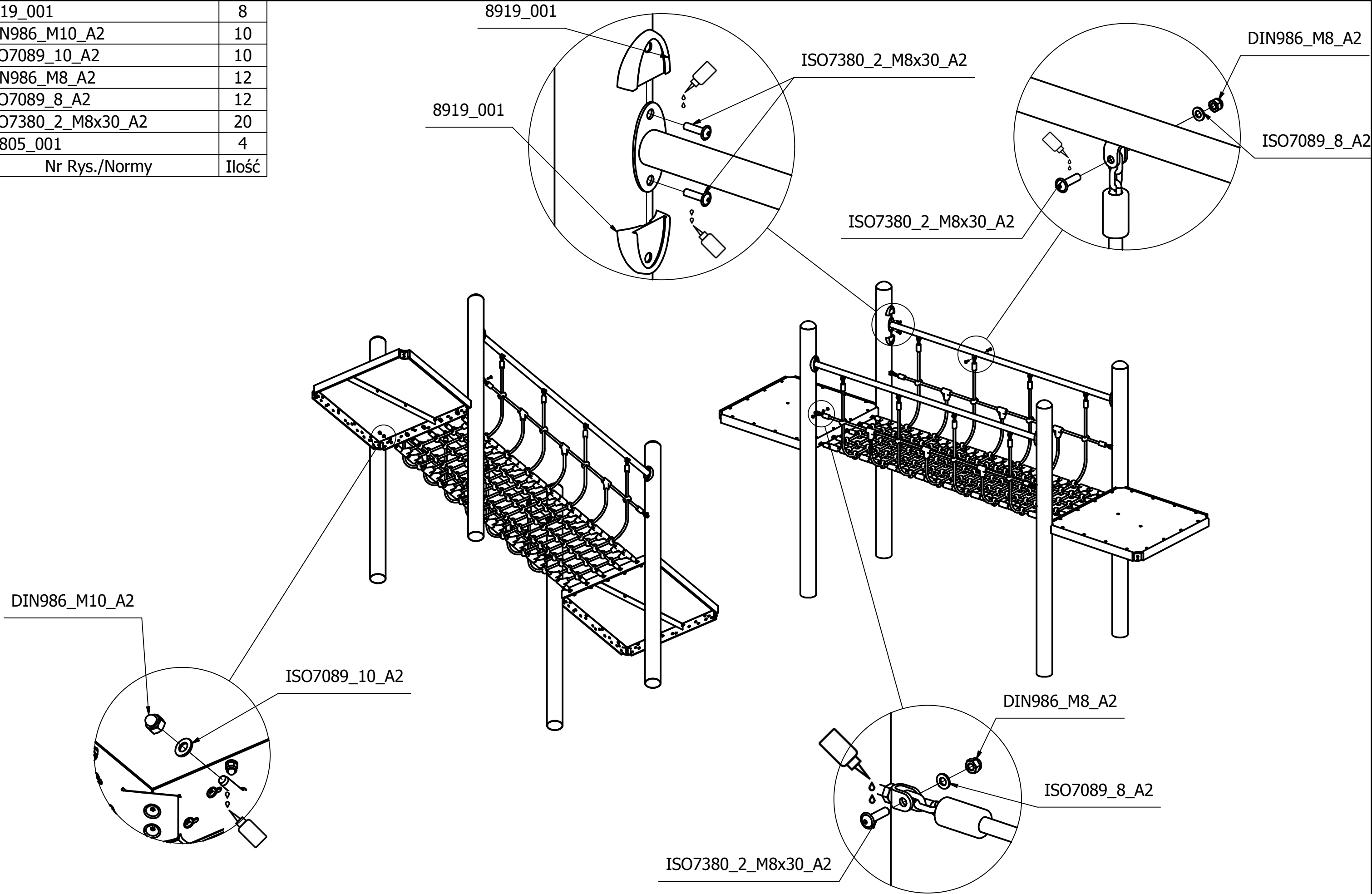
8919_001	2
DIN986_M8_A2	4
ISO7089_8_A2	4
ISO7380_2_M8x16_A2	2
ISO7380_2_M8x30_A2	2
ISO7380_2_M8x35_A2	2
ISO7380_2_M8x40_A2	2
Nr Rys./Normy	Ilość



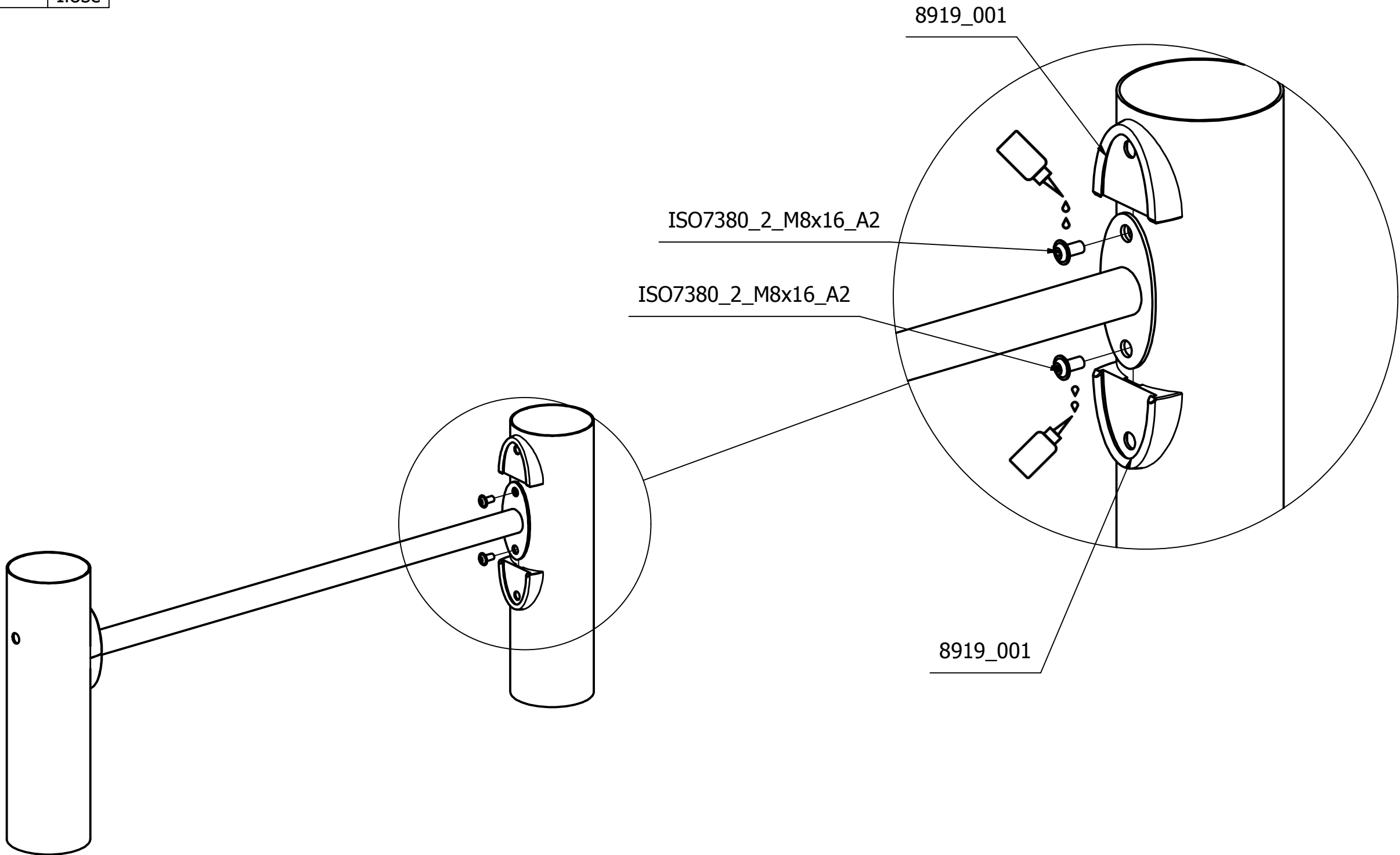
8919_001	2
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ISO7089_8_A2	4
ISO7380_2_M8x16_A2	2
ISO7380_2_M8x30_A2	2
ISO7380_2_M8x35_A2	2
ISO7380_2_M8x40_A2	2
Nr Rys./Normy	Ilość



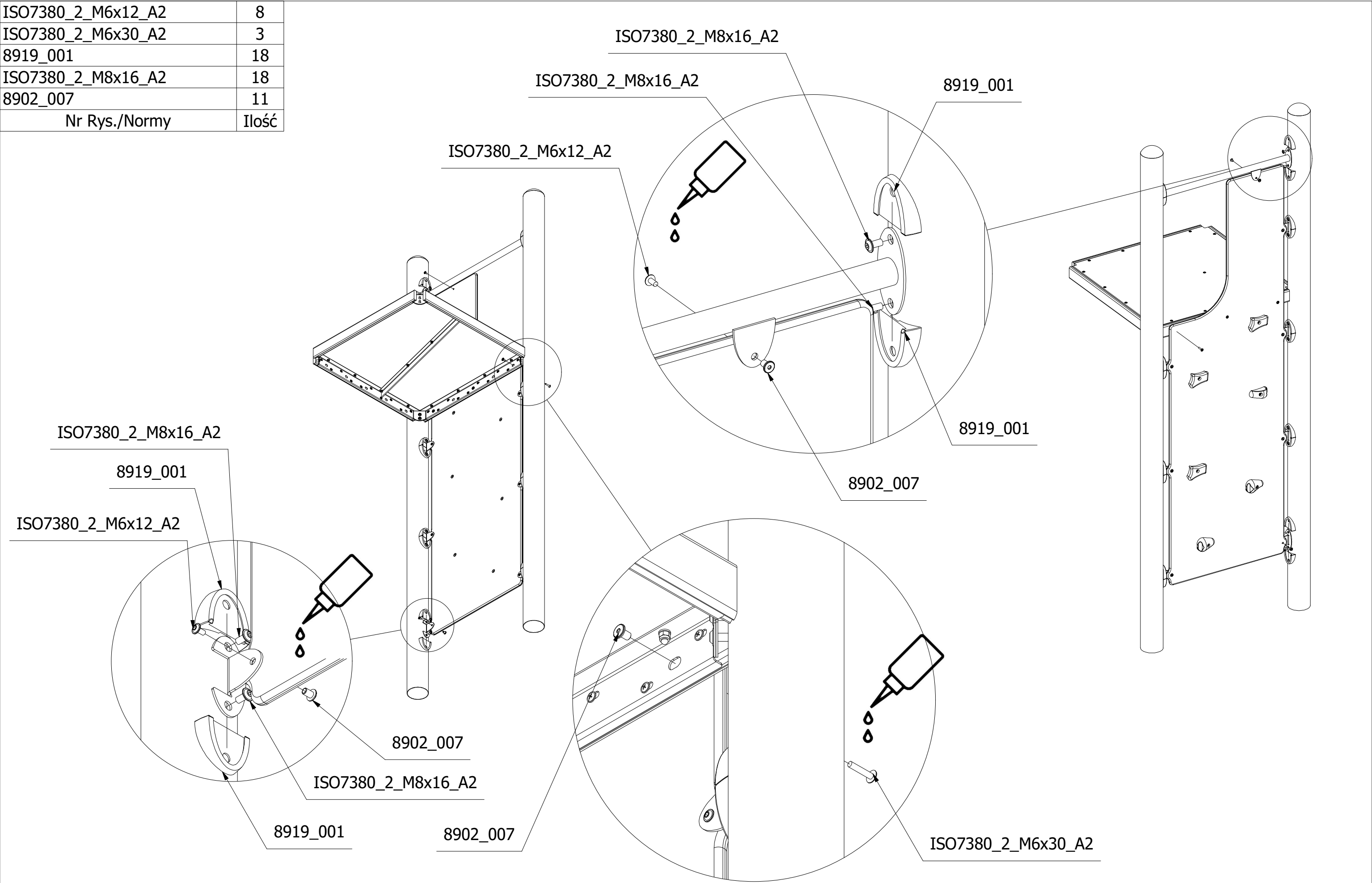
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ISO7089_10_A2	10
DIN986_M8_A2	12
ISO7089_8_A2	12
ISO7380_2_M8x30_A2	20
L8805_001	4
Nr Rys./Normy	Ilość



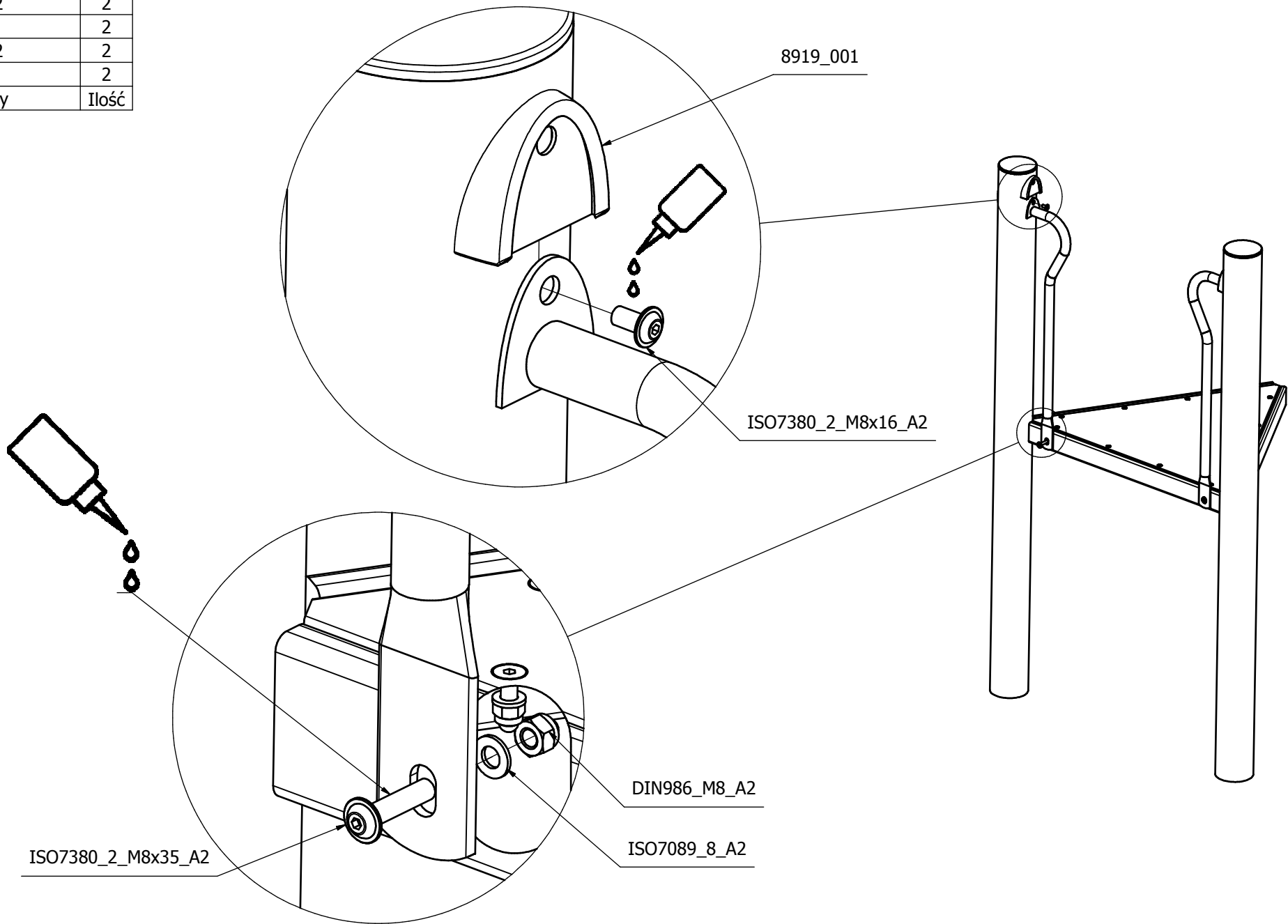
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8919_001	4
Nr Rys./Normy	Ilość



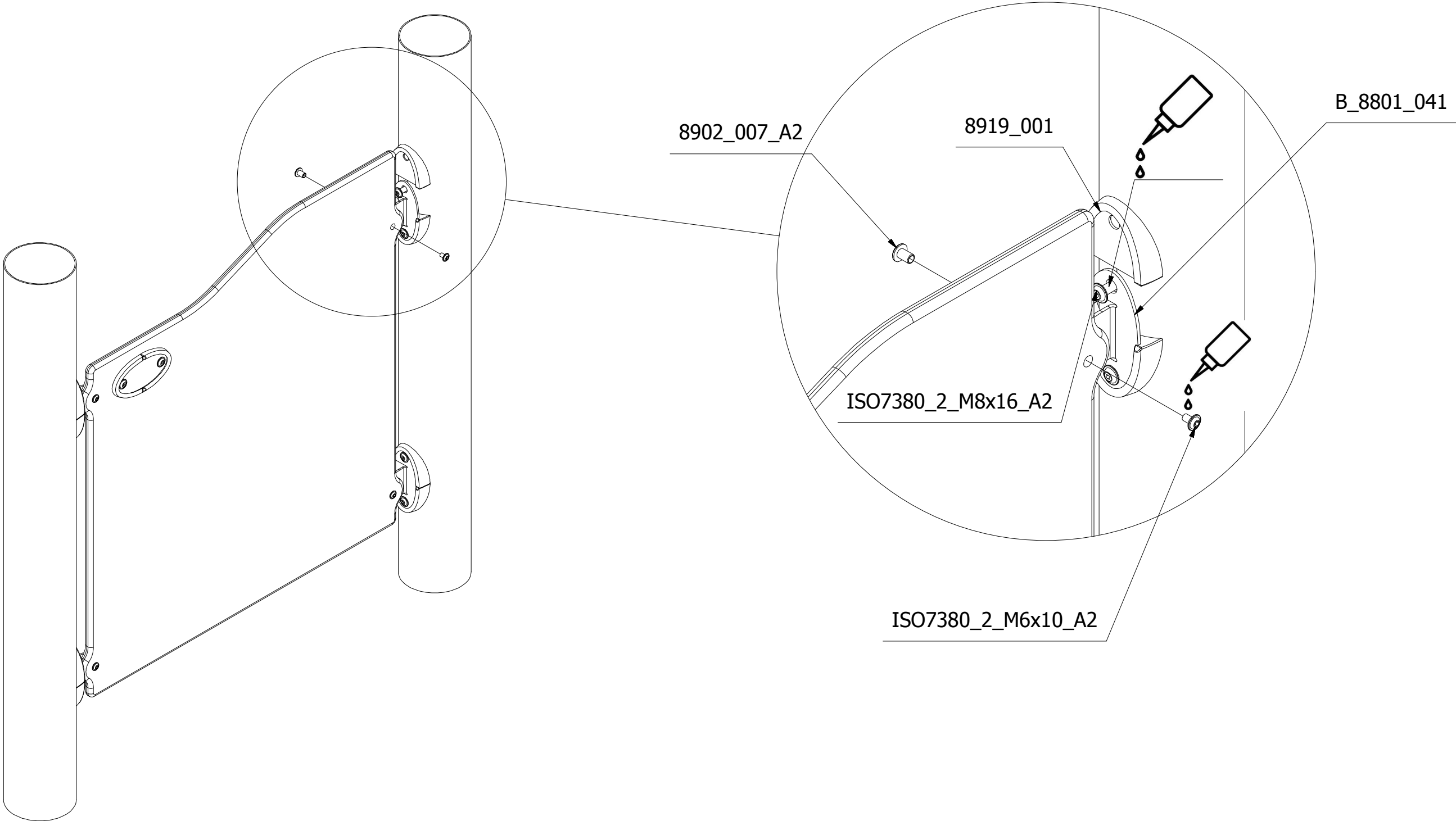
ISO7380_2_M6x12_A2	8
ISO7380_2_M6x30_A2	3
8919_001	18
ISO7380_2_M8x16_A2	18
8902_007	11
Nr Rys./Normy	Ilość



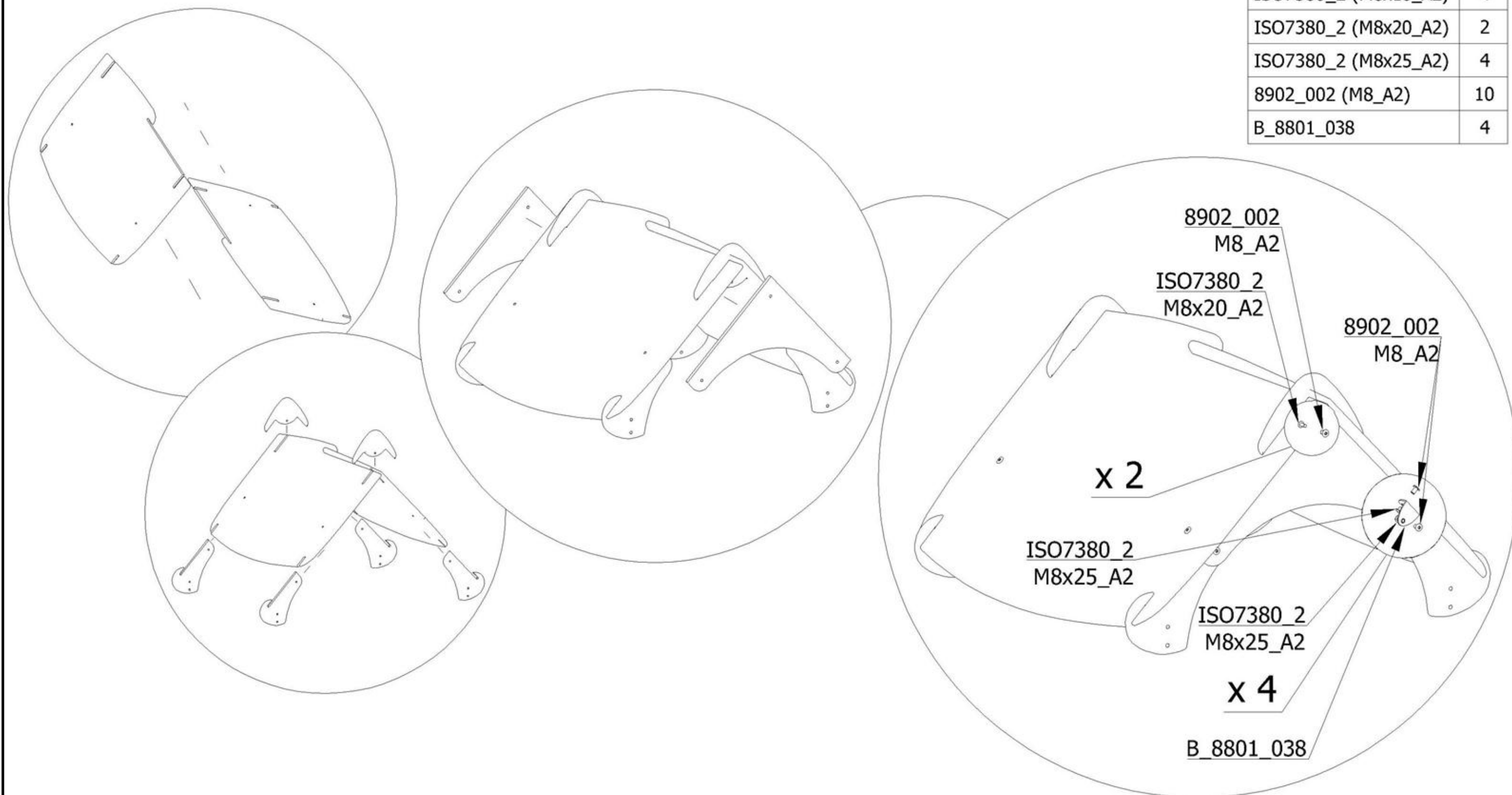
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ISO7380_2_M8x35_A2	2
ISO7089_8_A2	2
ISO7380_2_M8x16_A2	2
8919_001	2
Nr Rys./Normy	Ilość



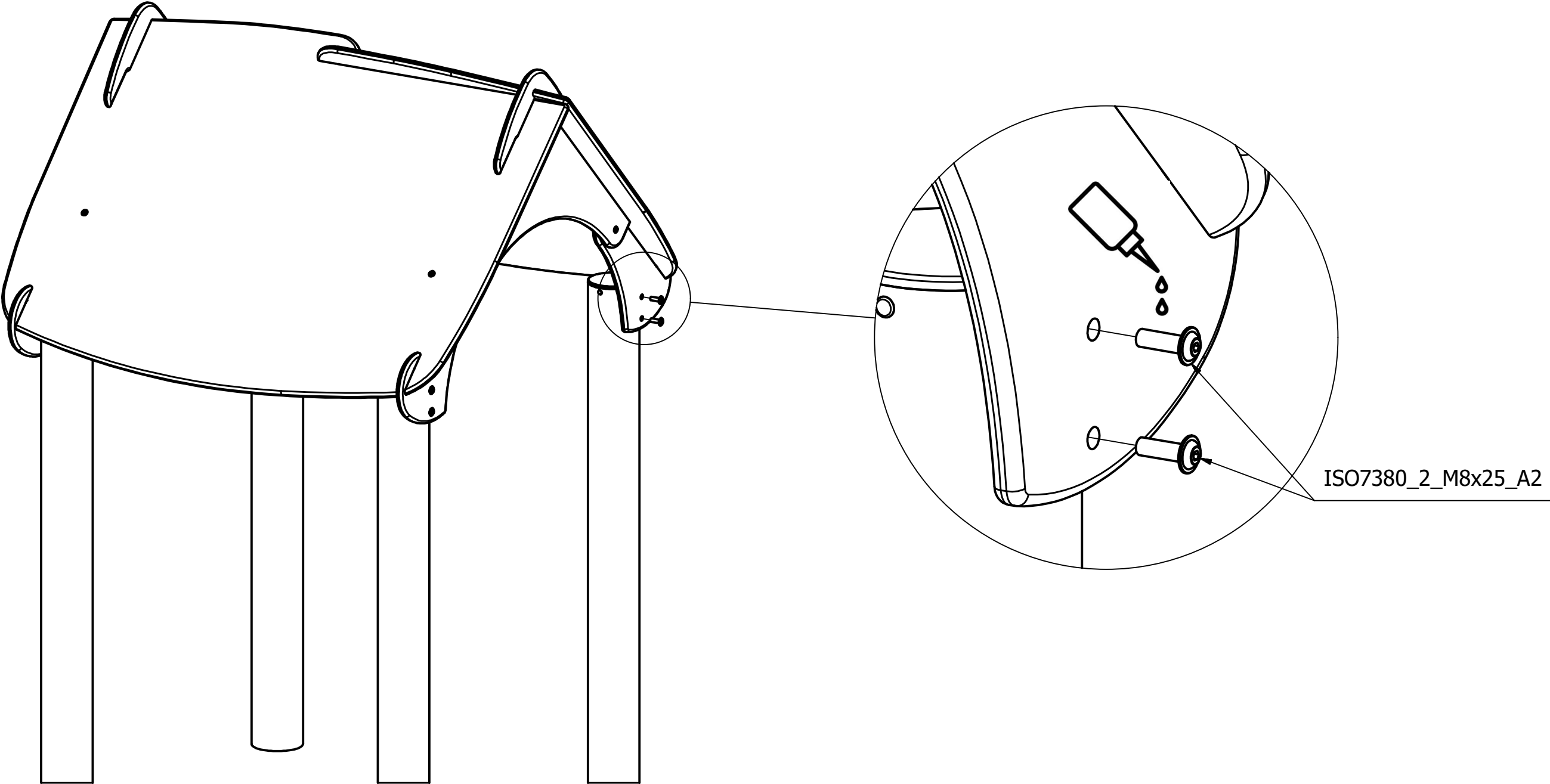
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ISO7380_2_M6x10_A2	4
8902_007_A2	4
8919_001	8
Nr Rys./Normy	Ilość



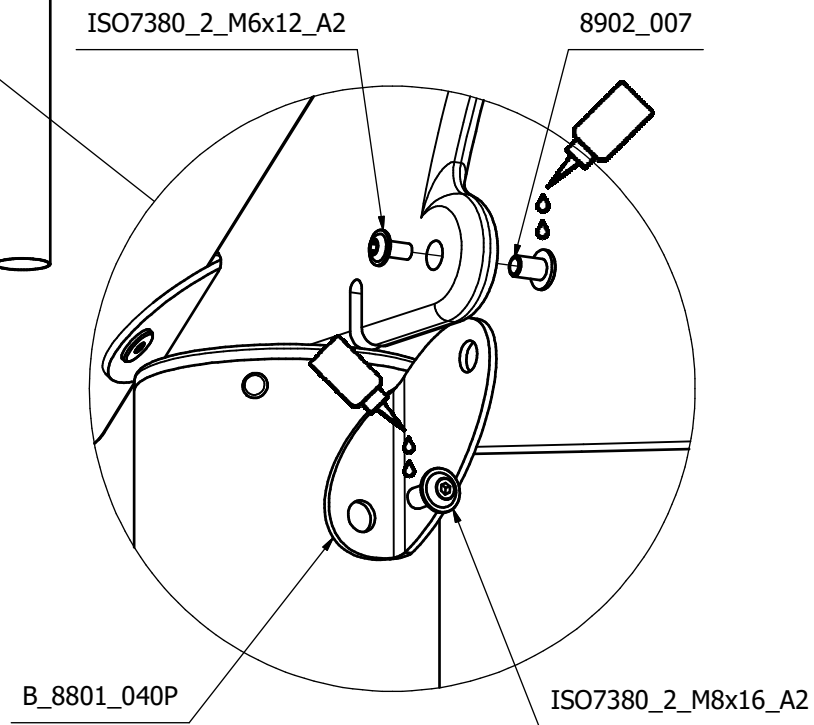
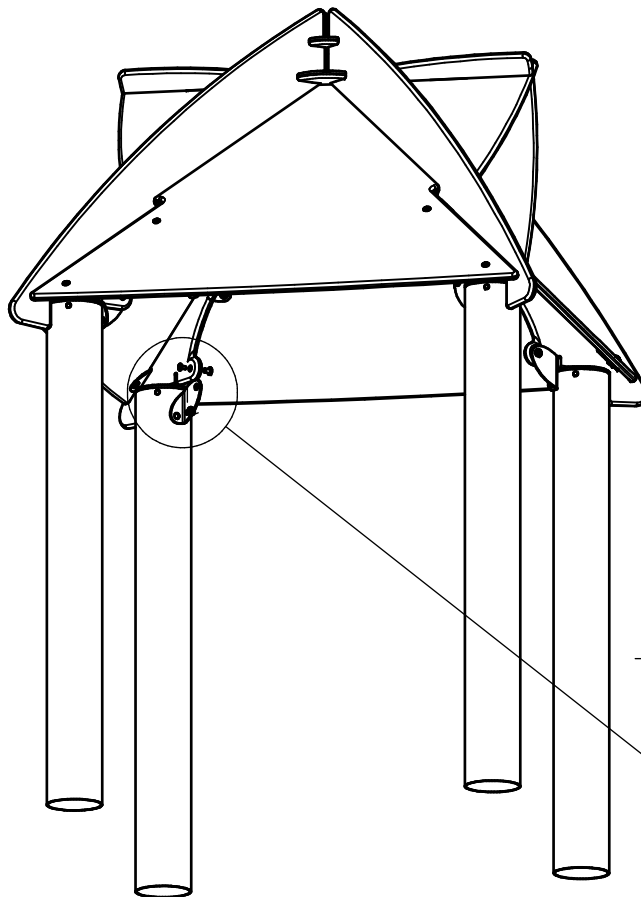
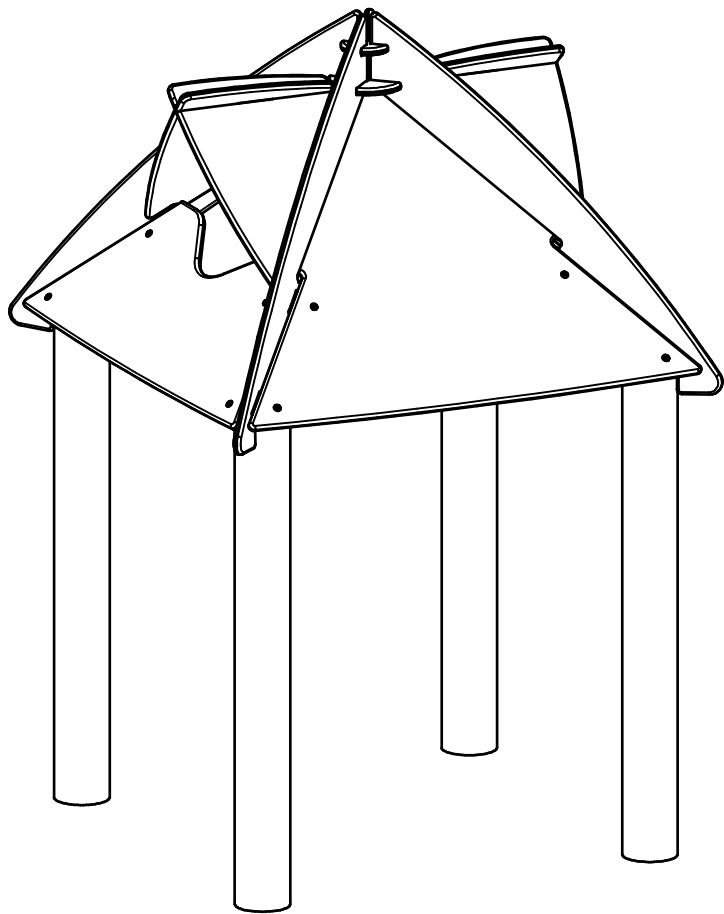
ISO7380_2 (M8x10_A2)	4
ISO7380_2 (M8x20_A2)	2
ISO7380_2 (M8x25_A2)	4
8902_002 (M8_A2)	10
B_8801_038	4



ISO7380_2_M8x25_A2	8
Nr Rys./Normy	Ilość



ISO7380_2_M8x16_A2	4
ISO7380_2_M6x12_A2	4
8902_007	4
B_8801_040P	4
Nr Rys./Normy	Ilość



ISO7380_2_M8x16_A2	12
B_8801_041	6
8902_007_A2 - M6	6
ISO7380_2_M6x20_A2	6
8919_001	12
Nr Rys./Normy	Ilość

