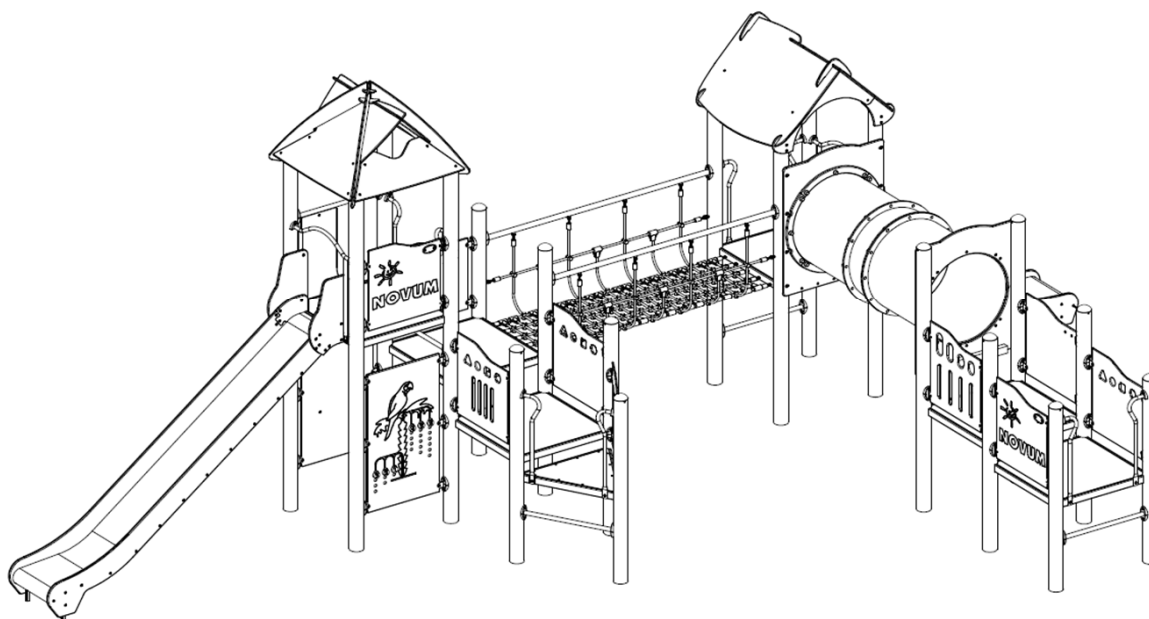




PL	INSTRUKCJA MONTAŻU	Nazwa	Zestaw Orbis	Nr kat.	1146
ENG	ASSEMBLY INSTRUCTIONS	Product	Orbis Set	Cat. no.	
DEU	MONTAGEANLEITUNG	Name	Orbis Set	Art.-Nr.	
FRA	INSTRUCTIONS D'INSTALLATION	Catégorie	Orbis Set	Référence.	

1146



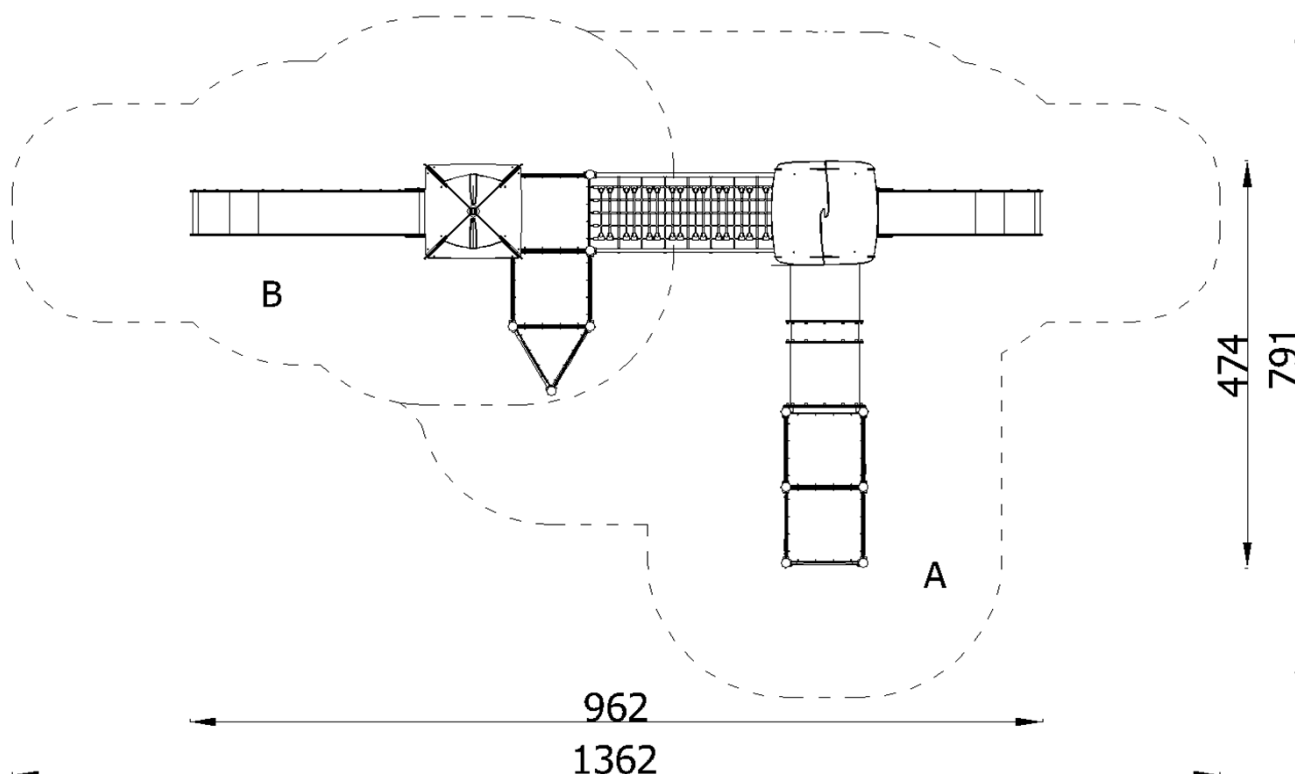
Wiek użytkowników Age of users Altersgruppe	Ilość użytkowników Number of users Anzahl der Benutzer Nombre d'utilisateurs	Przeznaczenie urządzenia Purpose of device Bestimmung des Spielgerätes	Zgodność z normą In accordance with the standard Geltende Norm
3 - 14	25	do zabawy na zewnątrz for outdoor playing 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 posadzić 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.

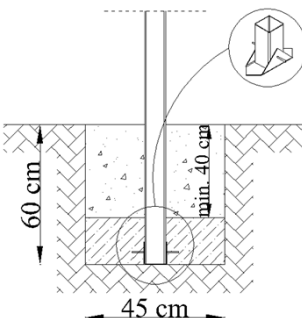
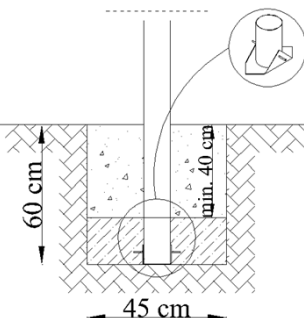
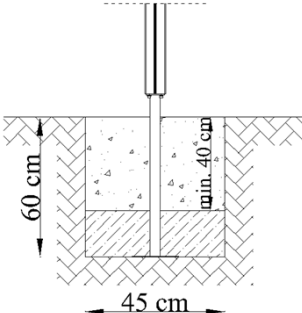
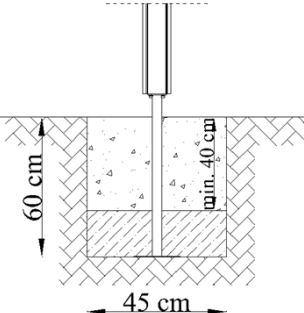
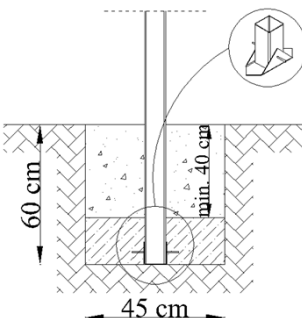
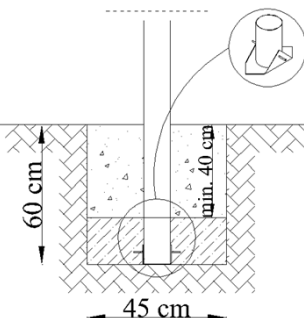
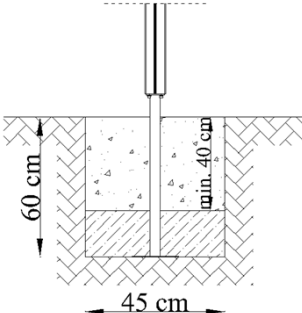
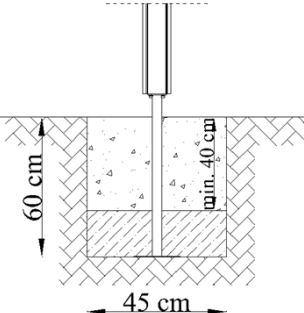
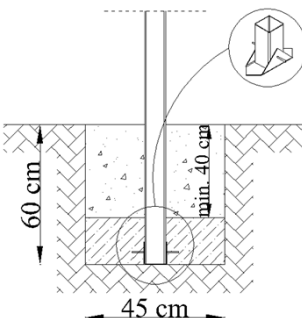
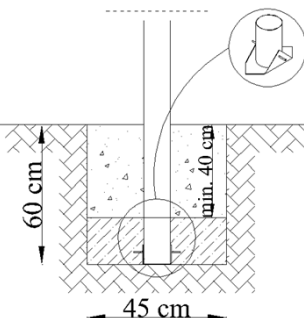
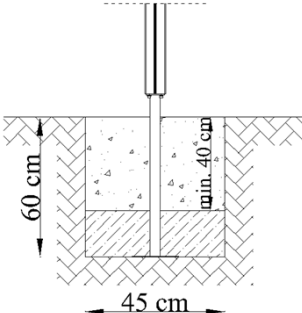
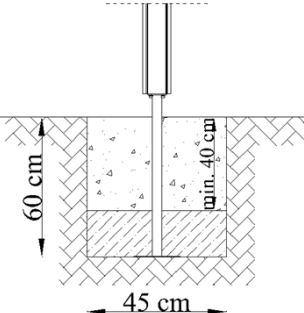


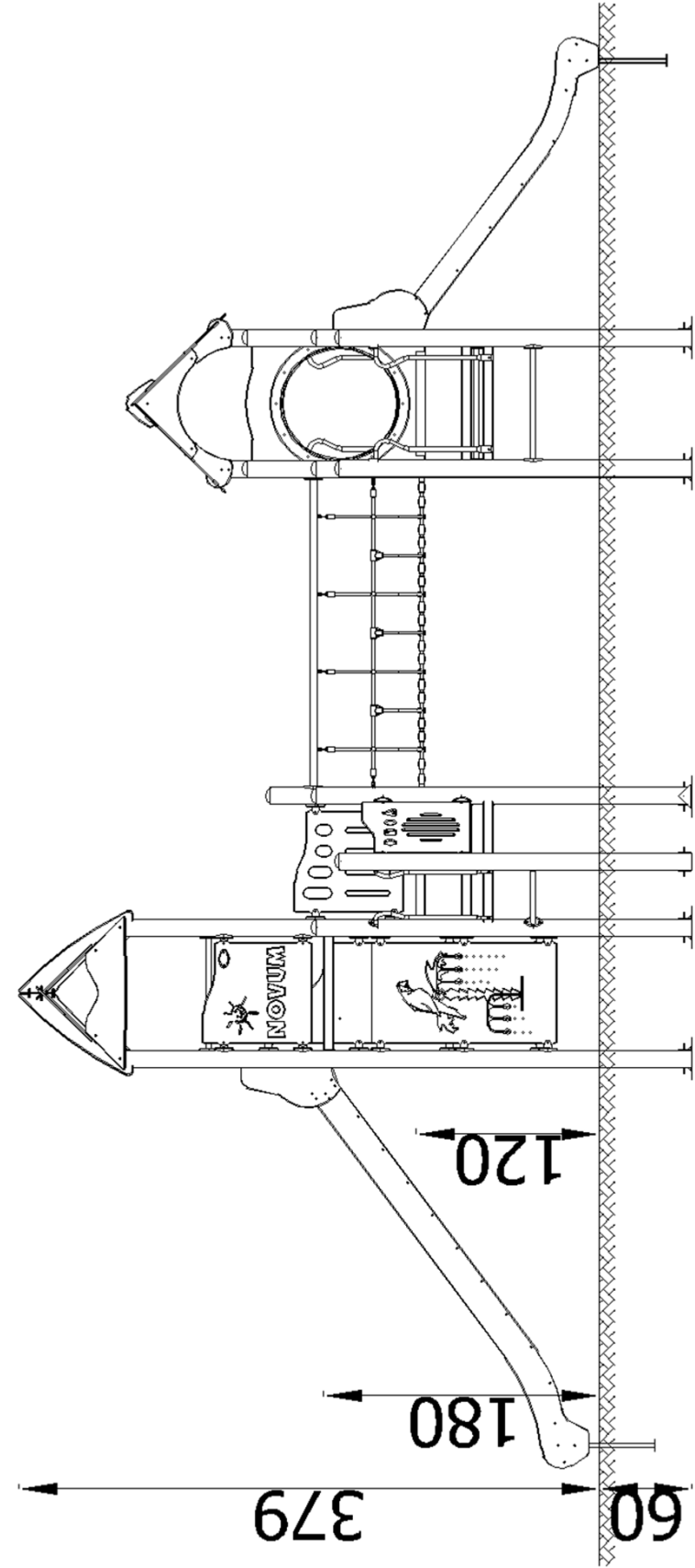
Montaż zgodnie z planem zagospodarowania terenu.
Installation in accordance with the land development plan.
Montage gemäß dem Flächennutzungsplan

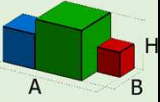
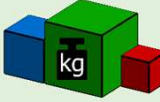
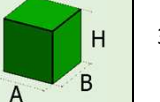
Bezpieczna nawierzchnia / Safe surface / Safe Oberfläche / Surface sûre

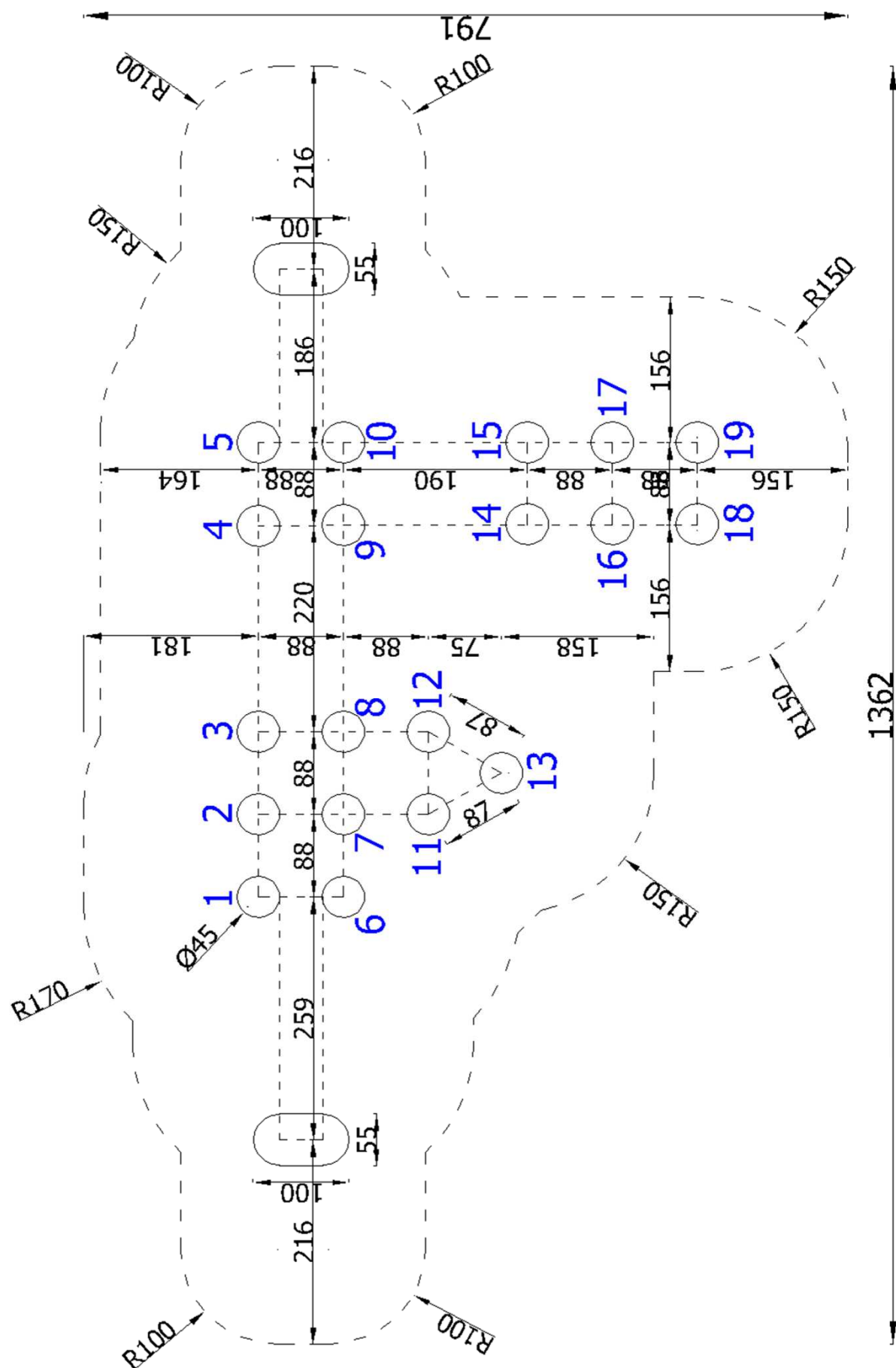
Strefa Zone Zone Zone	Max. wysokość upadku Max. fall height Max. Fallhöhe Max. hauteur de chute	Pole powierzchni Surface area Fläche Surface	Obwód strefy bezpiecz. Perimeter security zone Umkreis der Fallschutzfläche Zone de périmètre de sé.
A	1,20 m	38,50 m ²	37,00 m
B	1,80 m	26,00 m ²	
C	-	-	

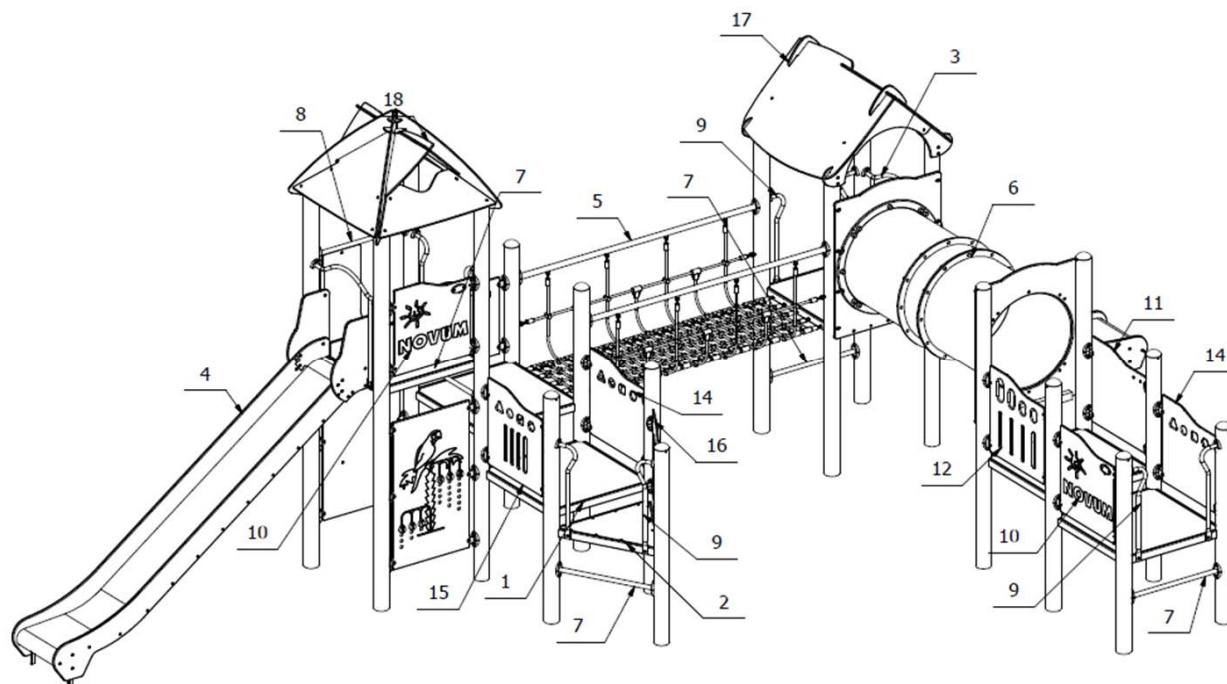
Nawierzchnia / Safe surface / Fallschutzbelag / fr			1146
	Materiał Material Material		Min. wysokość warstwy Min. layer thicknesses Min. Schichtöhe
h<0,6 m	Beton / Concrete / Beton Nawierzchnia bitumiczna / Bituminous surfacing / Bituminöse Oberfläche		
h<1 m	Gleba / Topsoil / Boden Darń / Turf / Grasnarbe		
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		1146									
	<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 - 0,80 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.											



	4,74x9,62x3,79 (AxBxH) [m]		731 kg		3,7x0,3x0,12 3		63 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.

20	Komplet słupów z elementem kotwiącym zestawu 1146 - ocynk		1146/1 - 1146/19	1			
19	Labirynt Papuga		26194_RM	1			
18	Dach kopertowy z lukarnami		2518_RM	1			
17	Dach dwuspadowy Orbis		2515_RM	1			
16	Zabezpieczenie Ażurowe Koło		2403_28_RM_P	1			
15	Zabezpieczenie Ażurowe Kwadrat		2403_27_RM_L	1			
14	Zabezpieczenie Ażurowe Figury		2403_26_RM_P	2			
13	Zabezpieczenie Ażurowe		2403_18_RM_P	1			
12	Zabezpieczenie Ażurowe		2403_18_RM_L	1			
11	Zabezpieczenie NOVUM		2403_01_RM_P	1			
10	Zabezpieczenie NOVUM		2403_01_RM_L	2			
9	Zwężka		23108_RM	4			
8	Ścianka wspinaczkowa z otworem		23106_RM	1			
7	Stopień z podwójnymi wypraskami		2335_RM	5			
6	Pomost tunelowy tuba		2207_RM	1			
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	6			
Lp. Art. Nr.	No. Rep.	Nazwa części Teilename	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

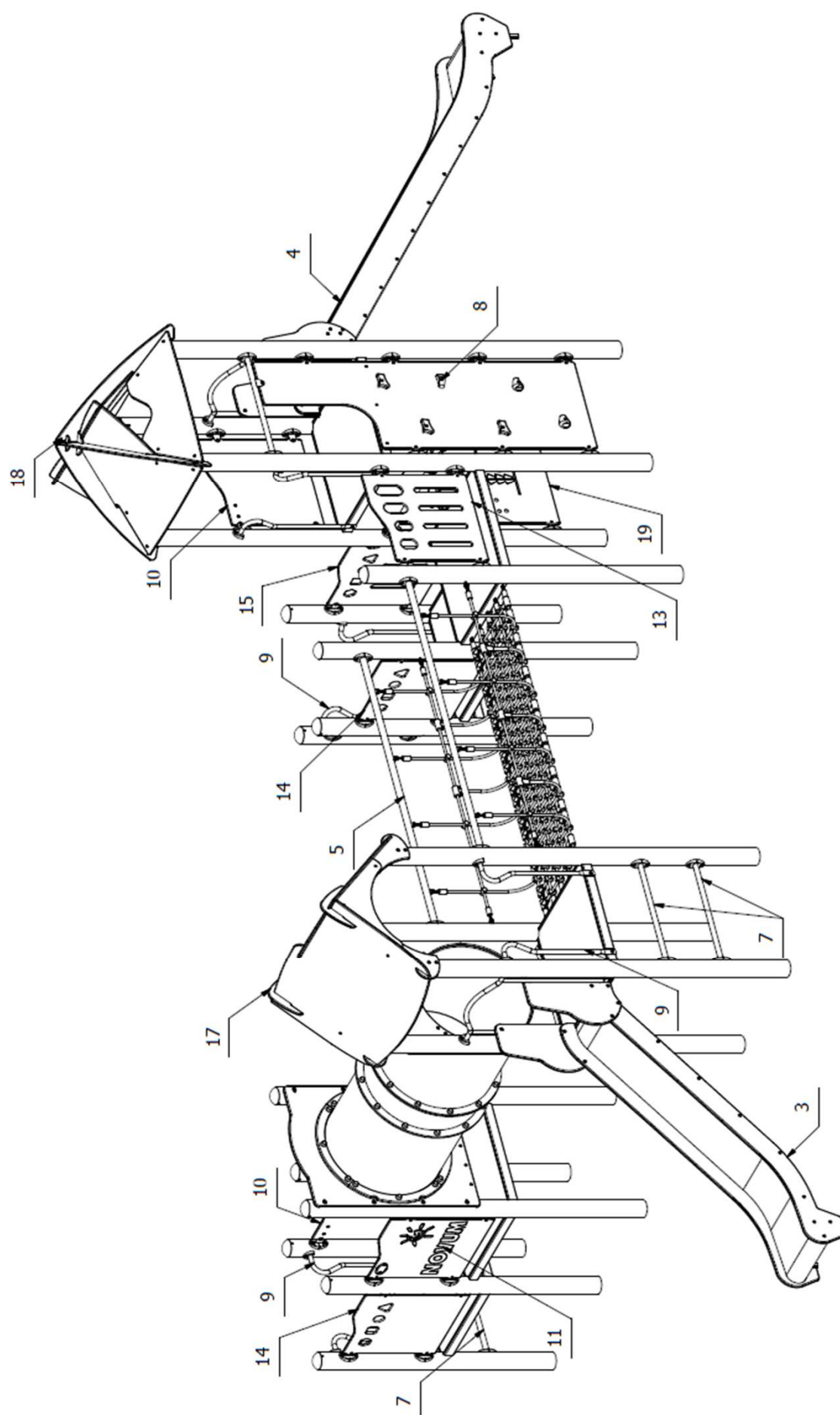
6 mm

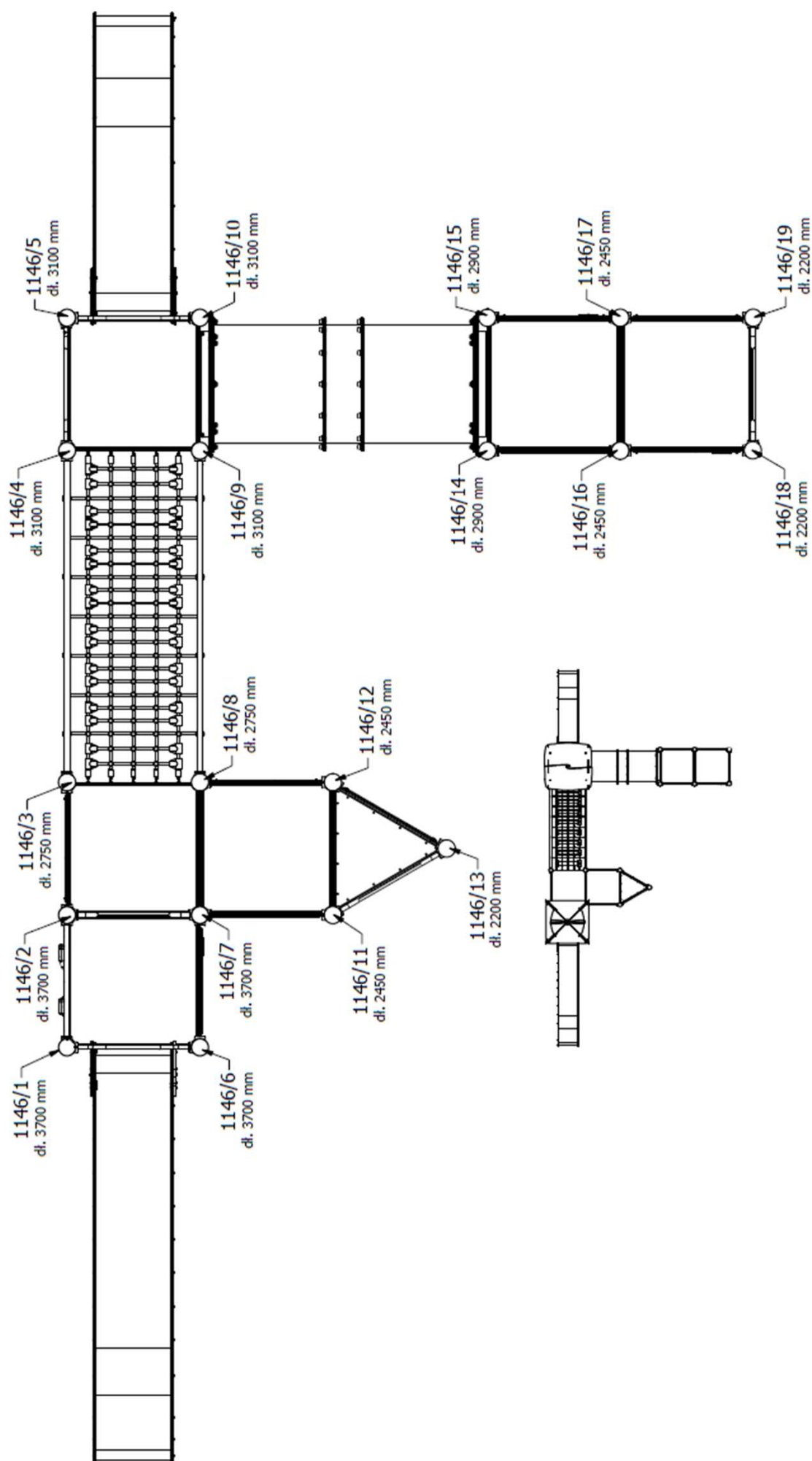
8 mm

T40

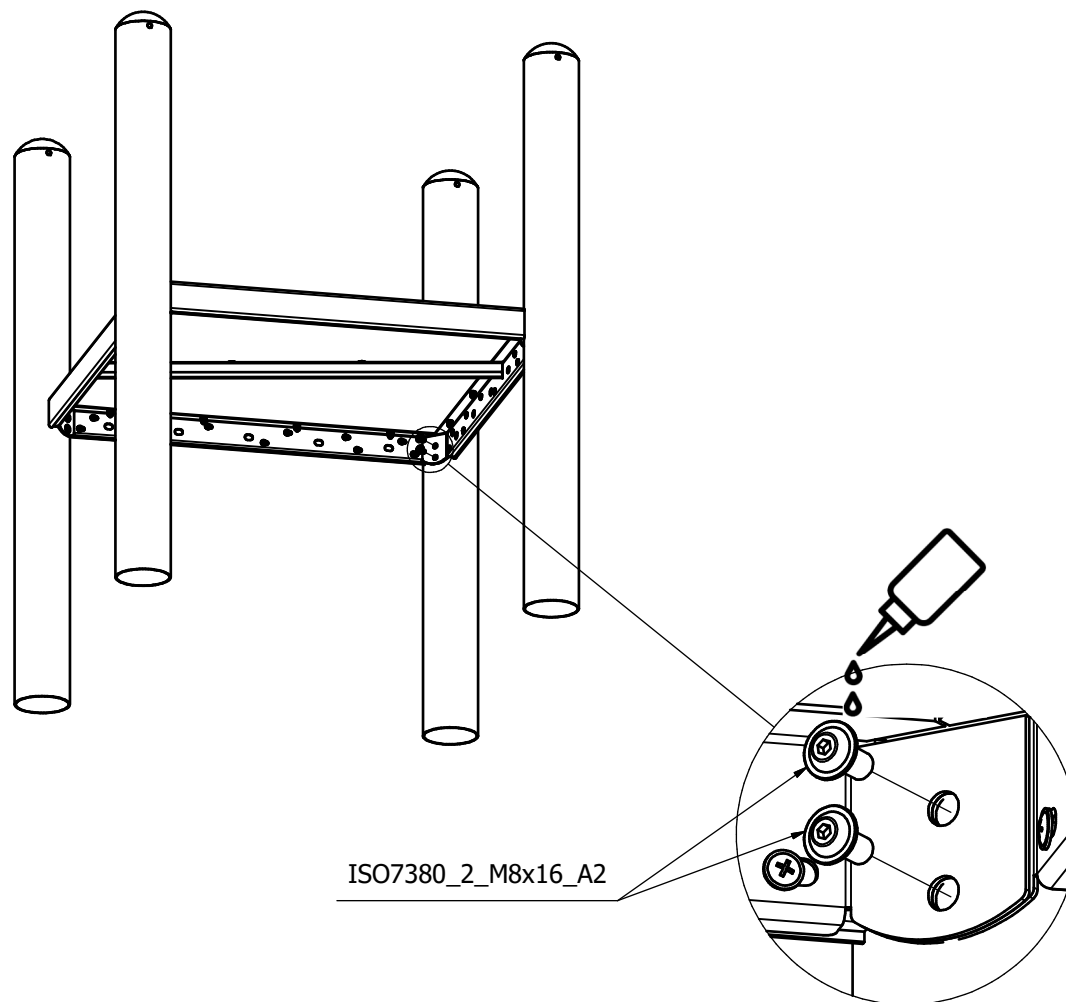
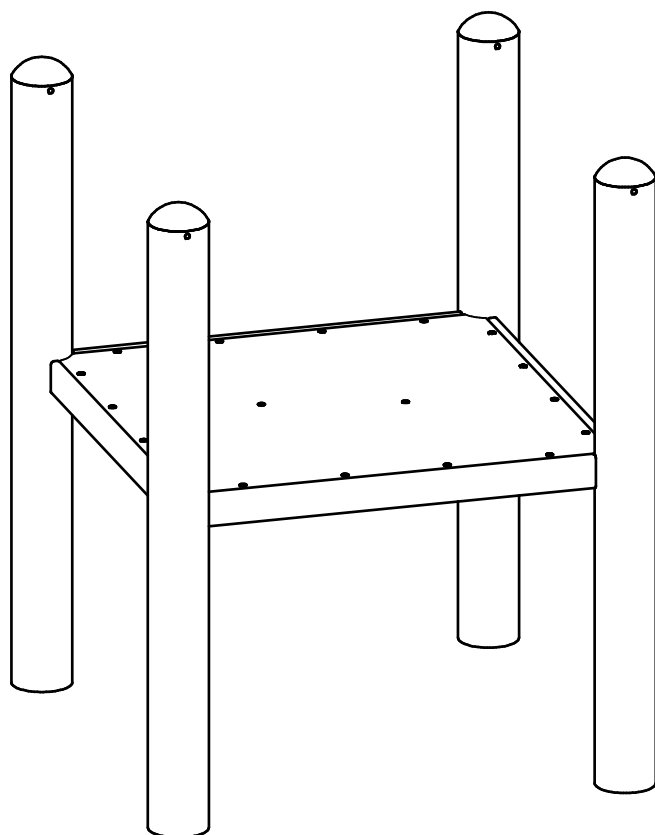
T45



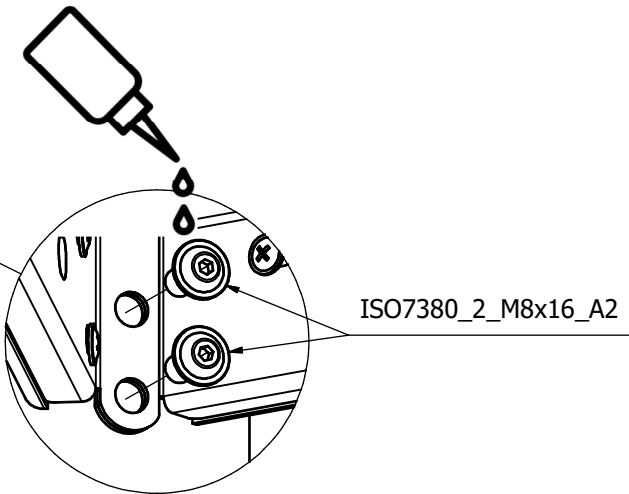
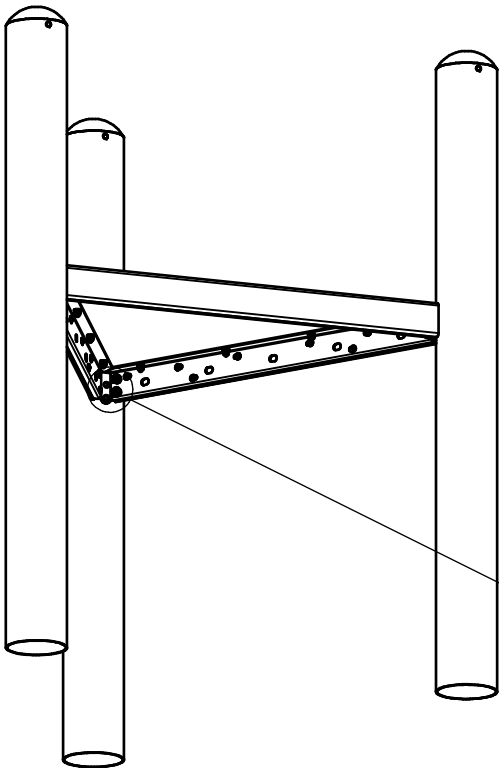
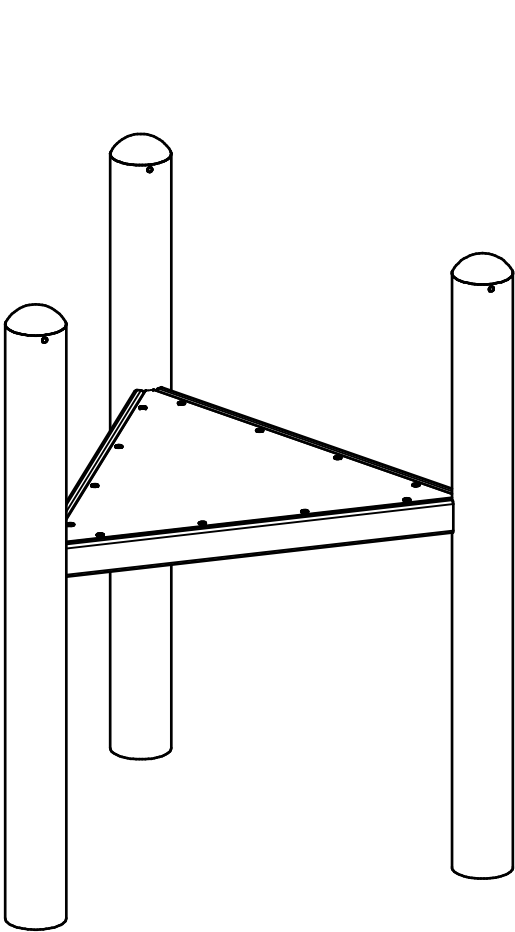




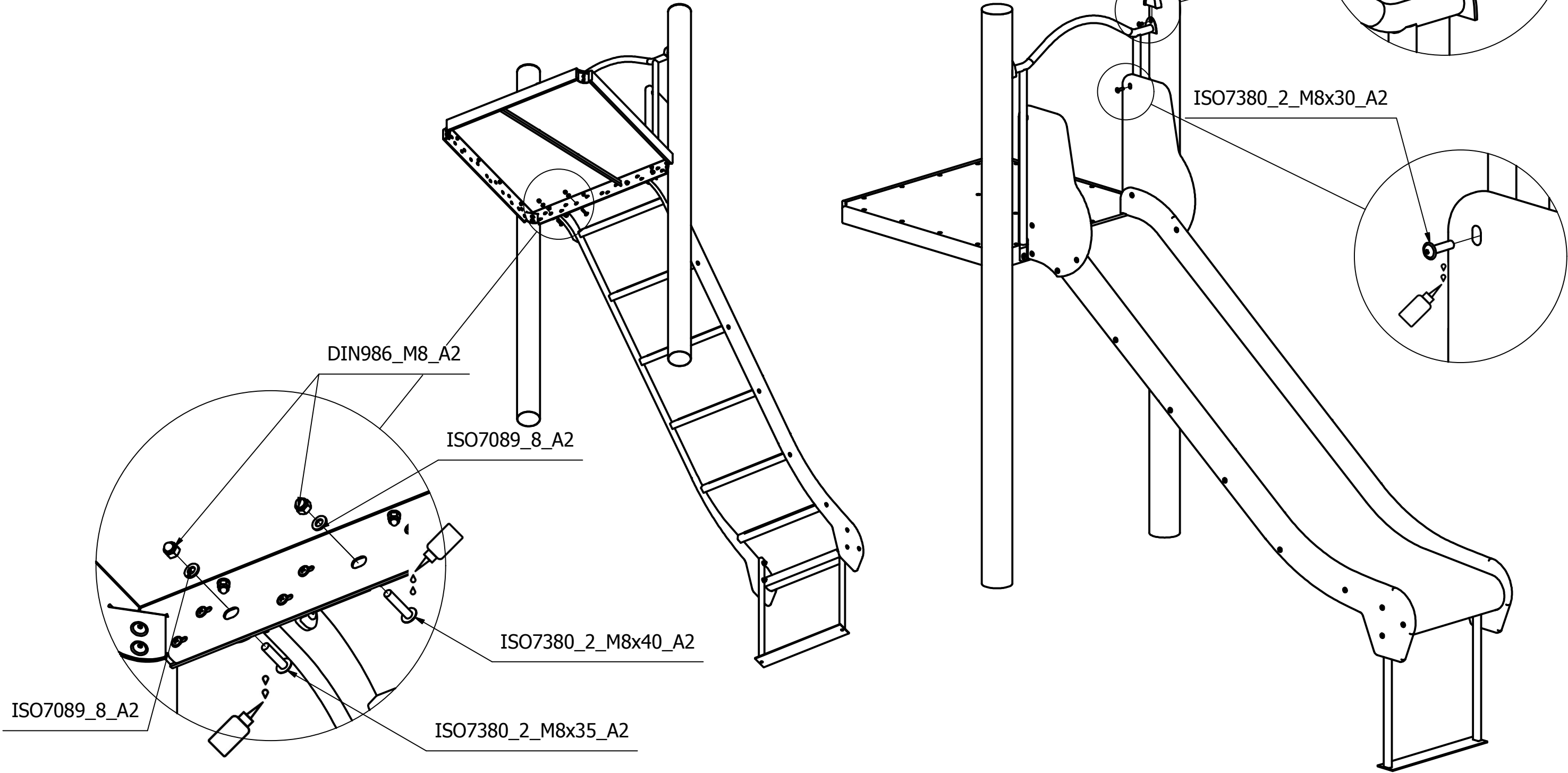
ISO7380_2_M8x16_A2	8
Nr Rys./Normy	Ilość



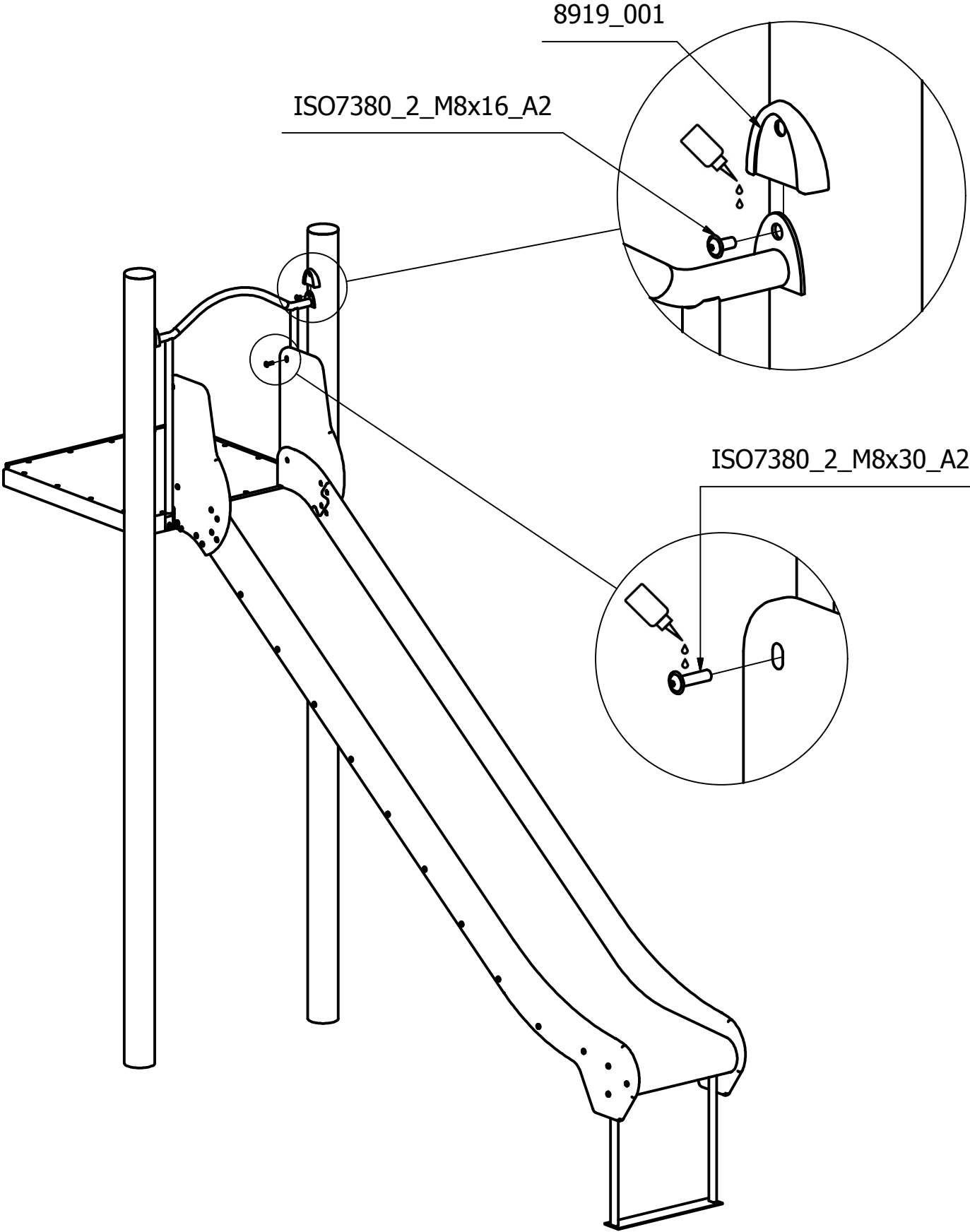
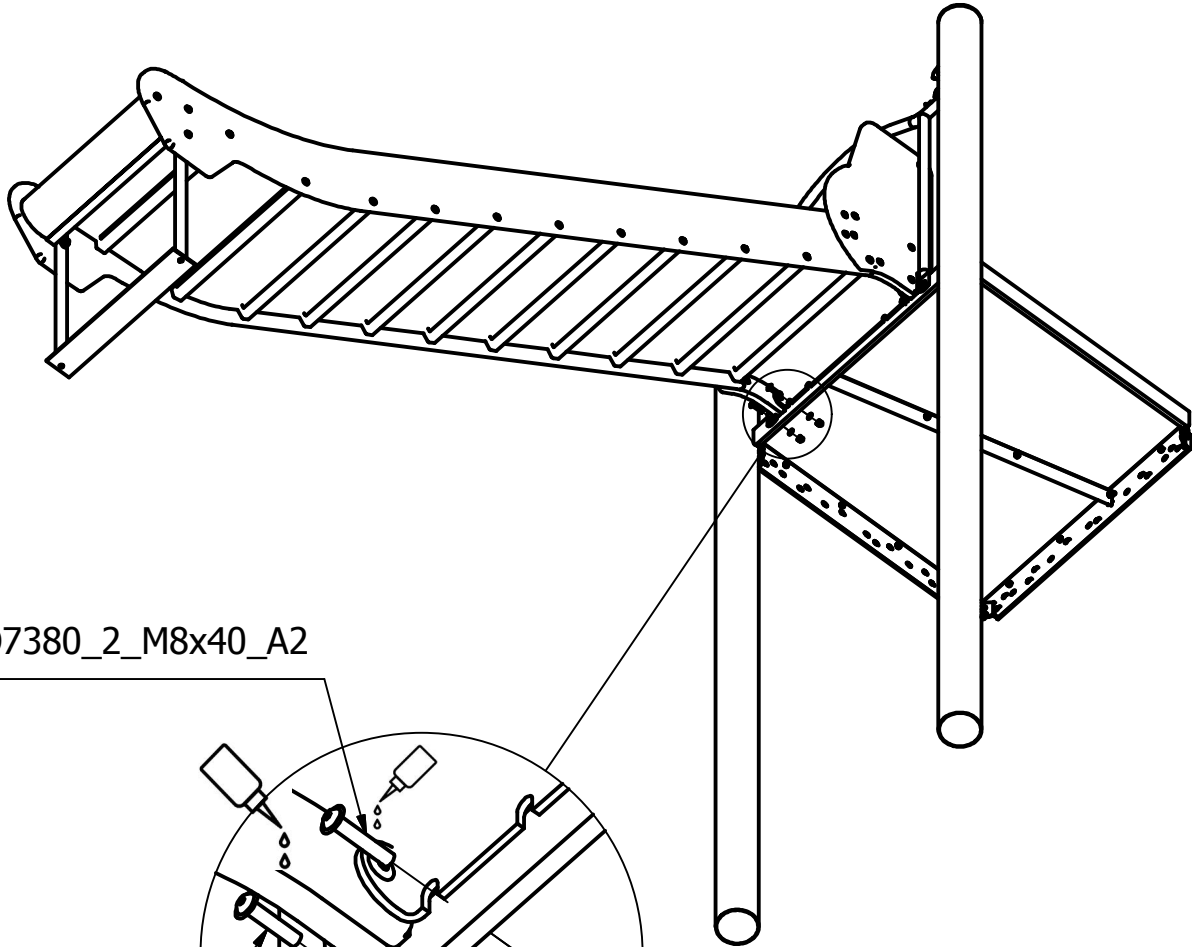
ISO7380_2_M8x16_A2	6
Nr Rys./Normy	Ilość



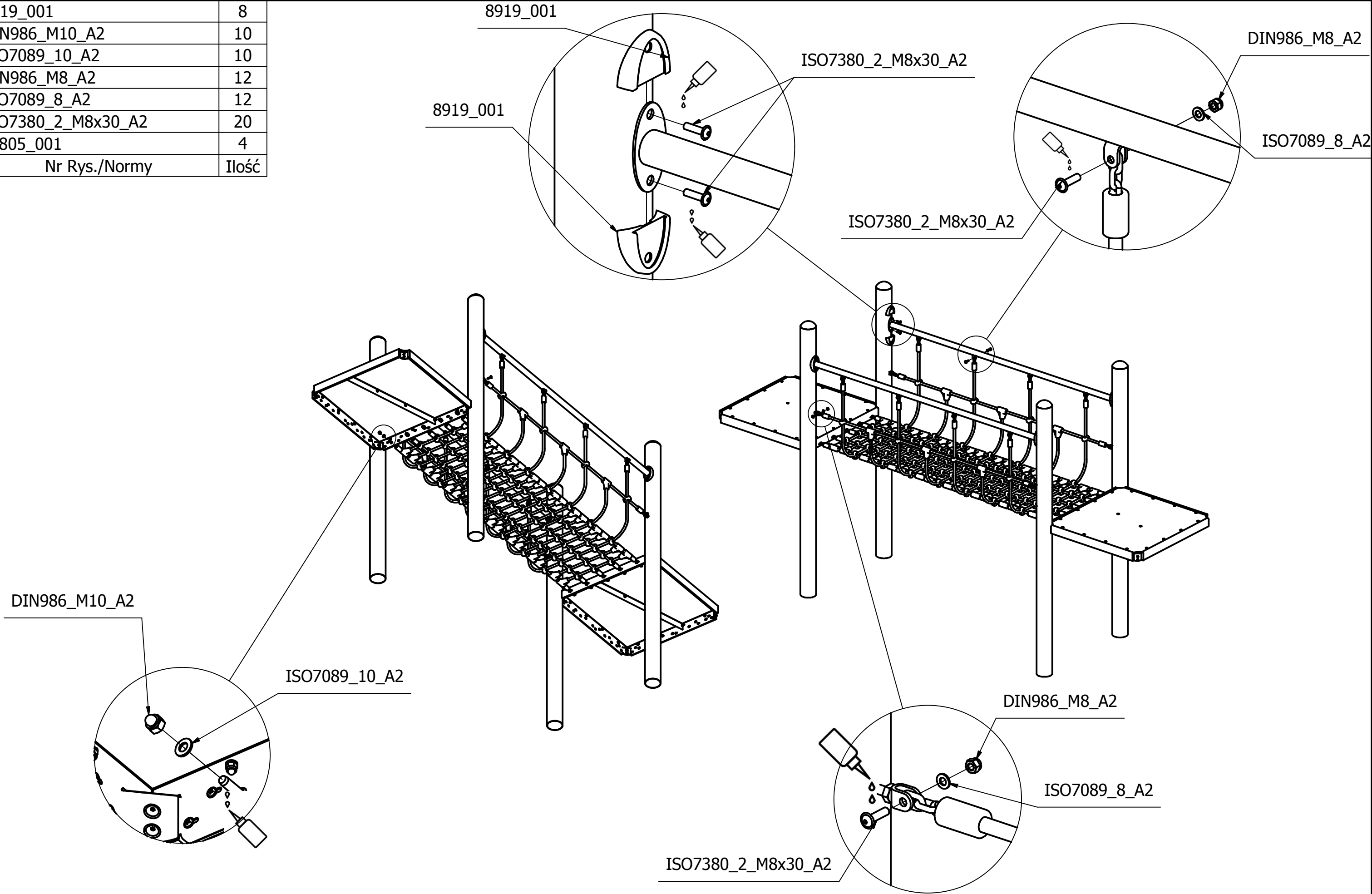
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DIN986_M8_A2	4
ISO7089_8_A2	4
ISO7380_2_M8x16_A2	2
ISO7380_2_M8x30_A2	2
ISO7380_2_M8x35_A2	2
ISO7380_2_M8x40_A2	2
Nr Rys./Normy	Ilość



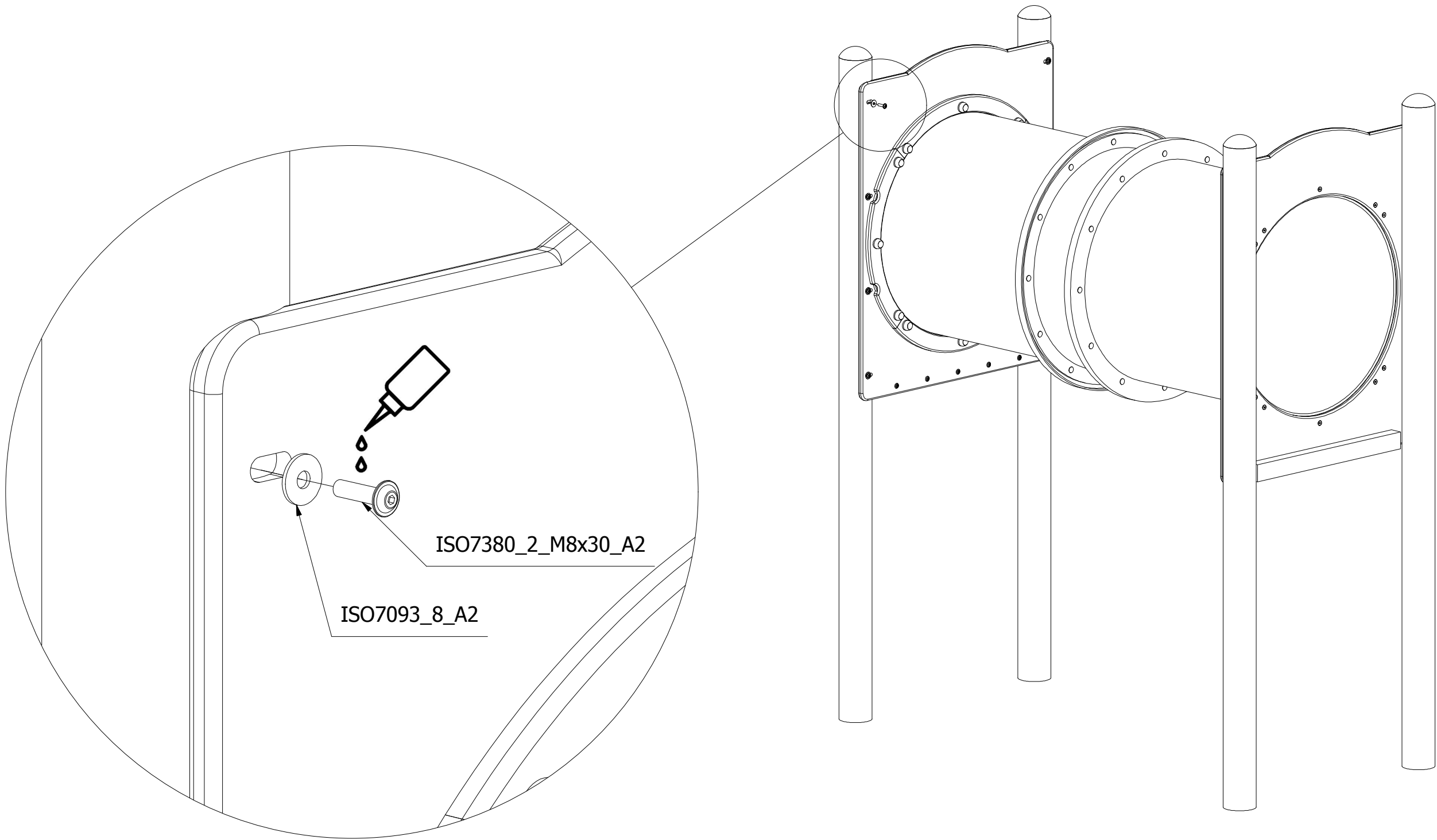
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ISO7089_8_A2	4
ISO7380_2_M8x16_A2	2
ISO7380_2_M8x30_A2	2
ISO7380_2_M8x35_A2	2
ISO7380_2_M8x40_A2	2
Nr Rys./Normy	Ilość



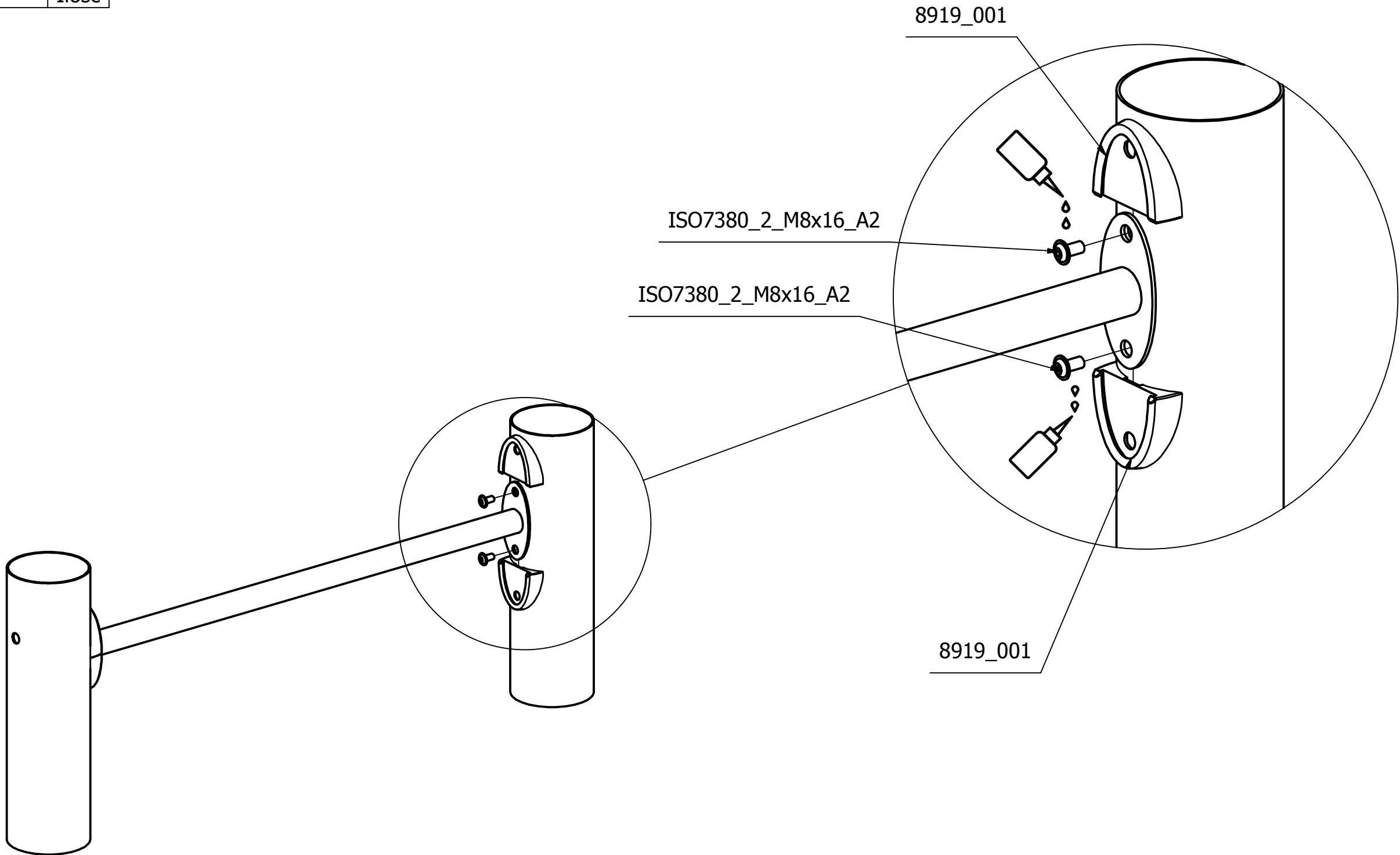
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ISO7089_10_A2	10
DIN986_M8_A2	12
ISO7089_8_A2	12
ISO7380_2_M8x30_A2	20
L8805_001	4
Nr Rys./Normy	Ilość



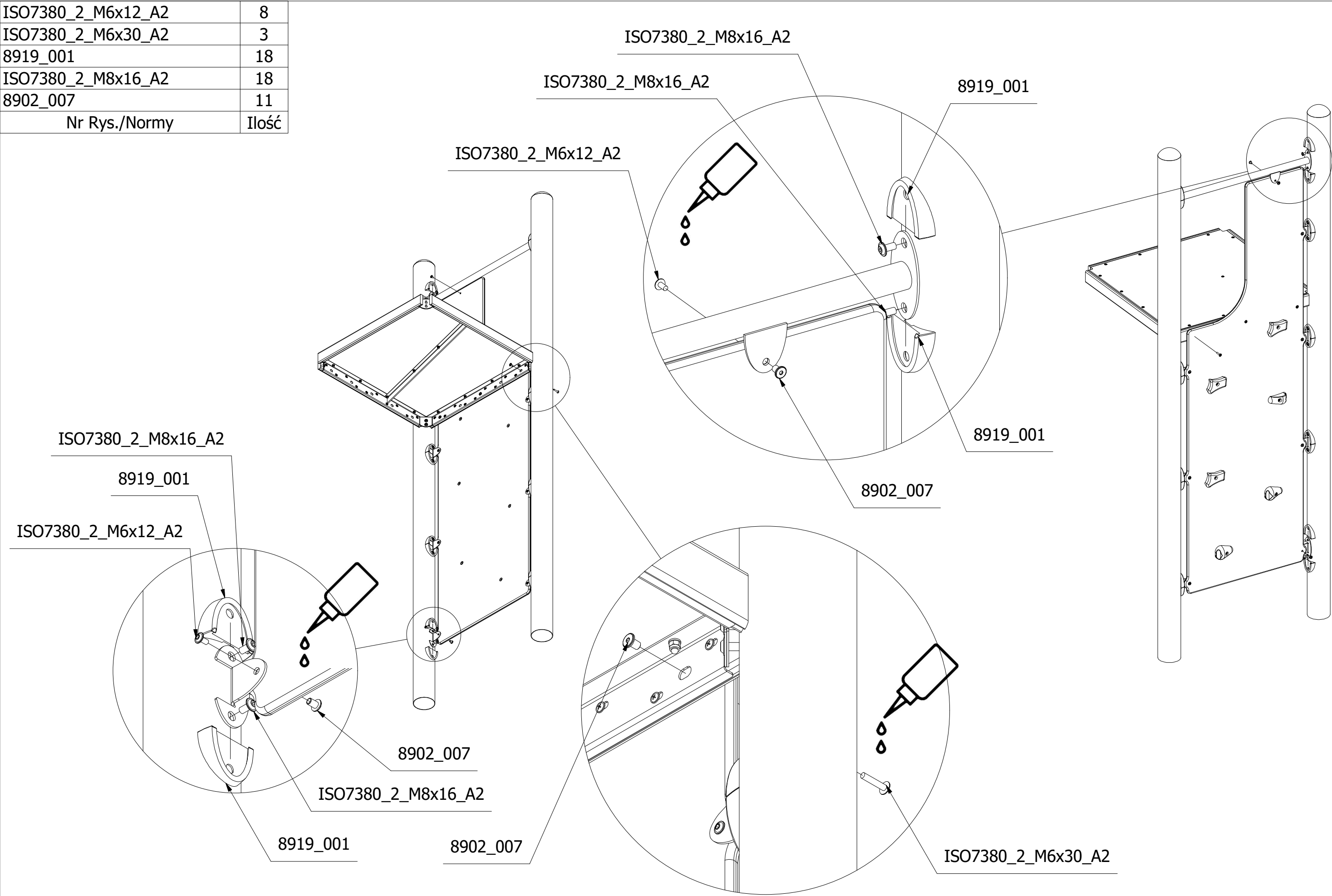
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ISO7380_2_M8x30_A2	16
Nr Rys./Normy	Ilość



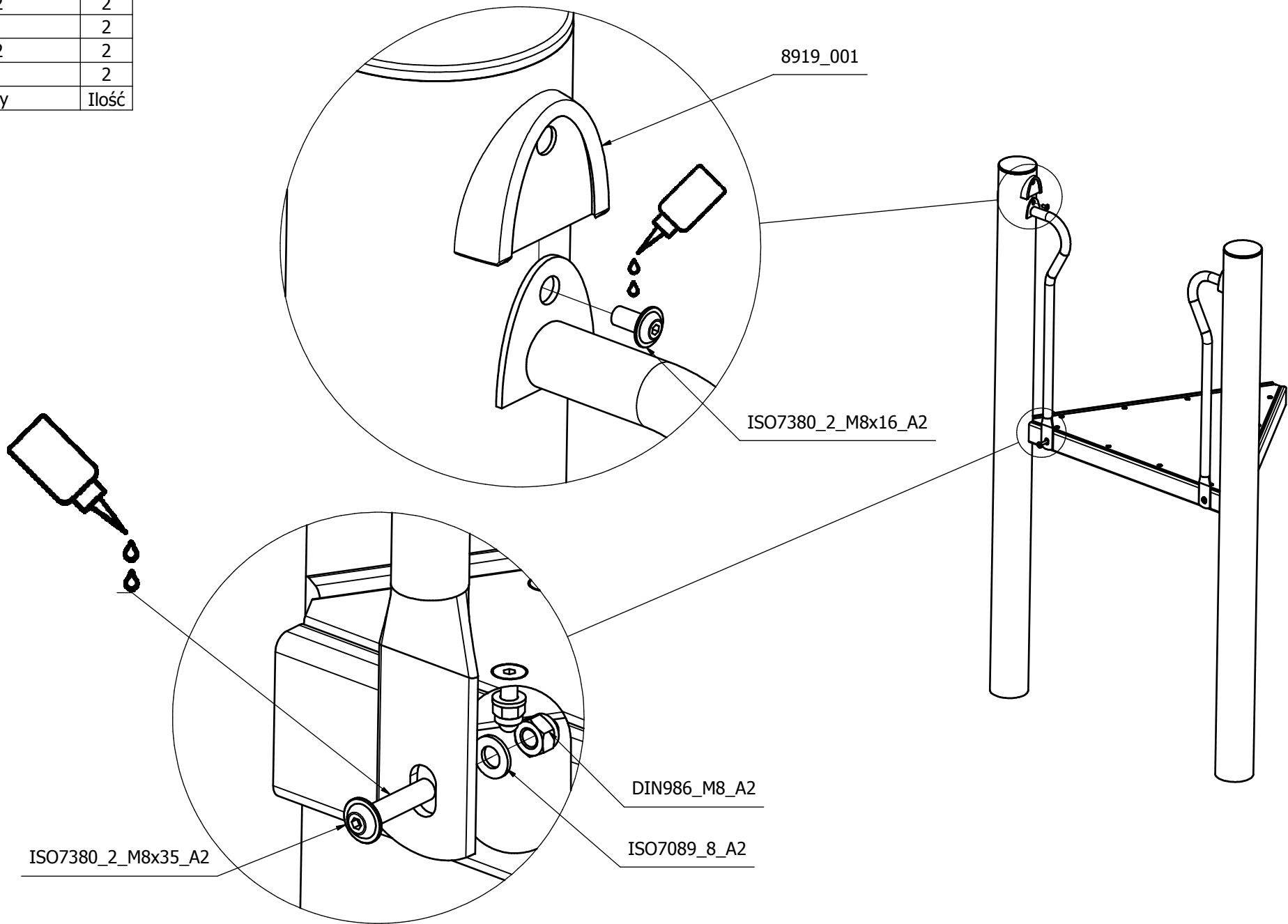
ISO7380_2_M8x16_A2	4
8919_001	4
Nr Rys./Normy	Ilość



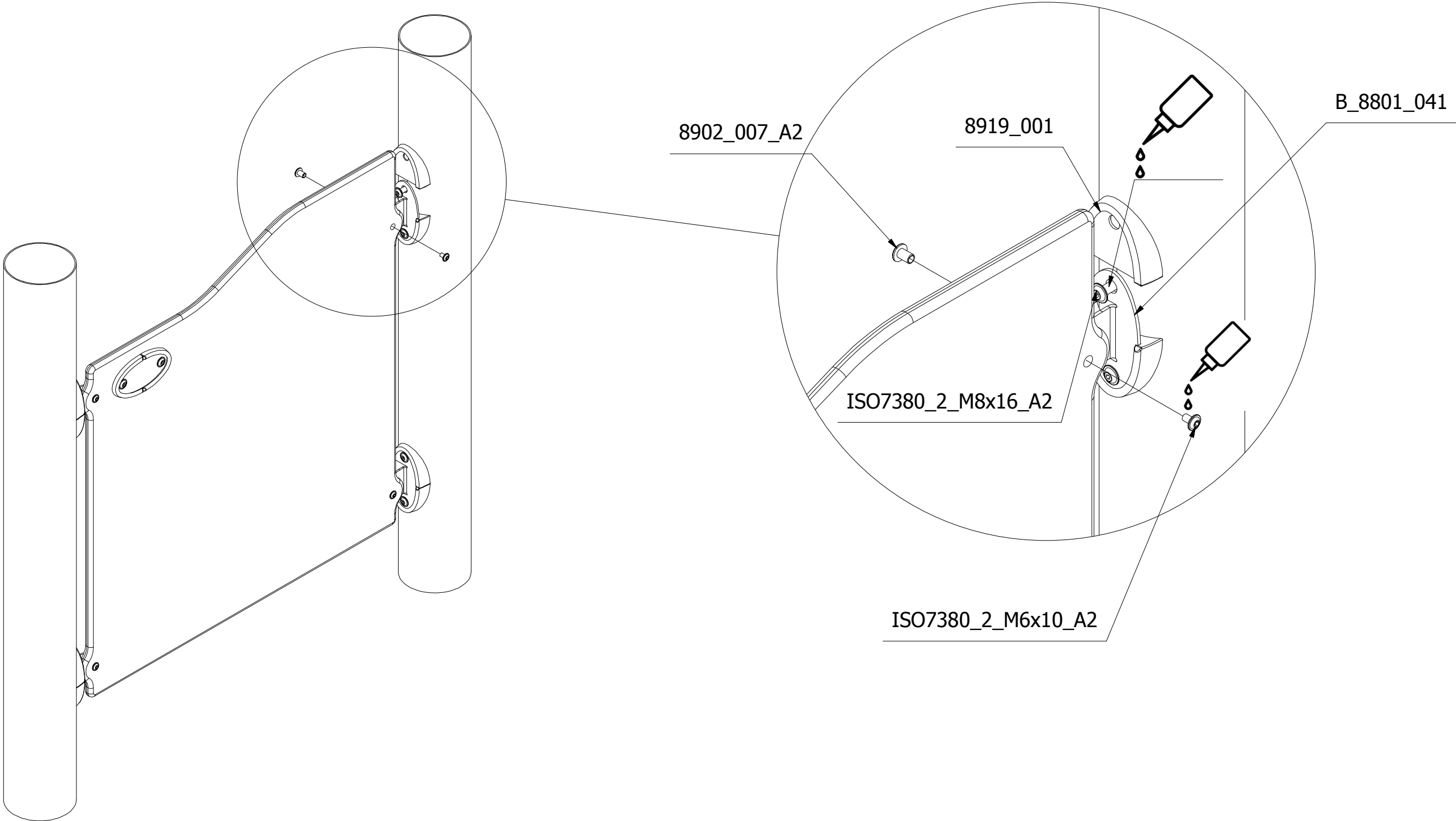
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ISO7380_2_M6x30_A2	3
8919_001	18
ISO7380_2_M8x16_A2	18
8902_007	11
Nr Rys./Normy	Ilość



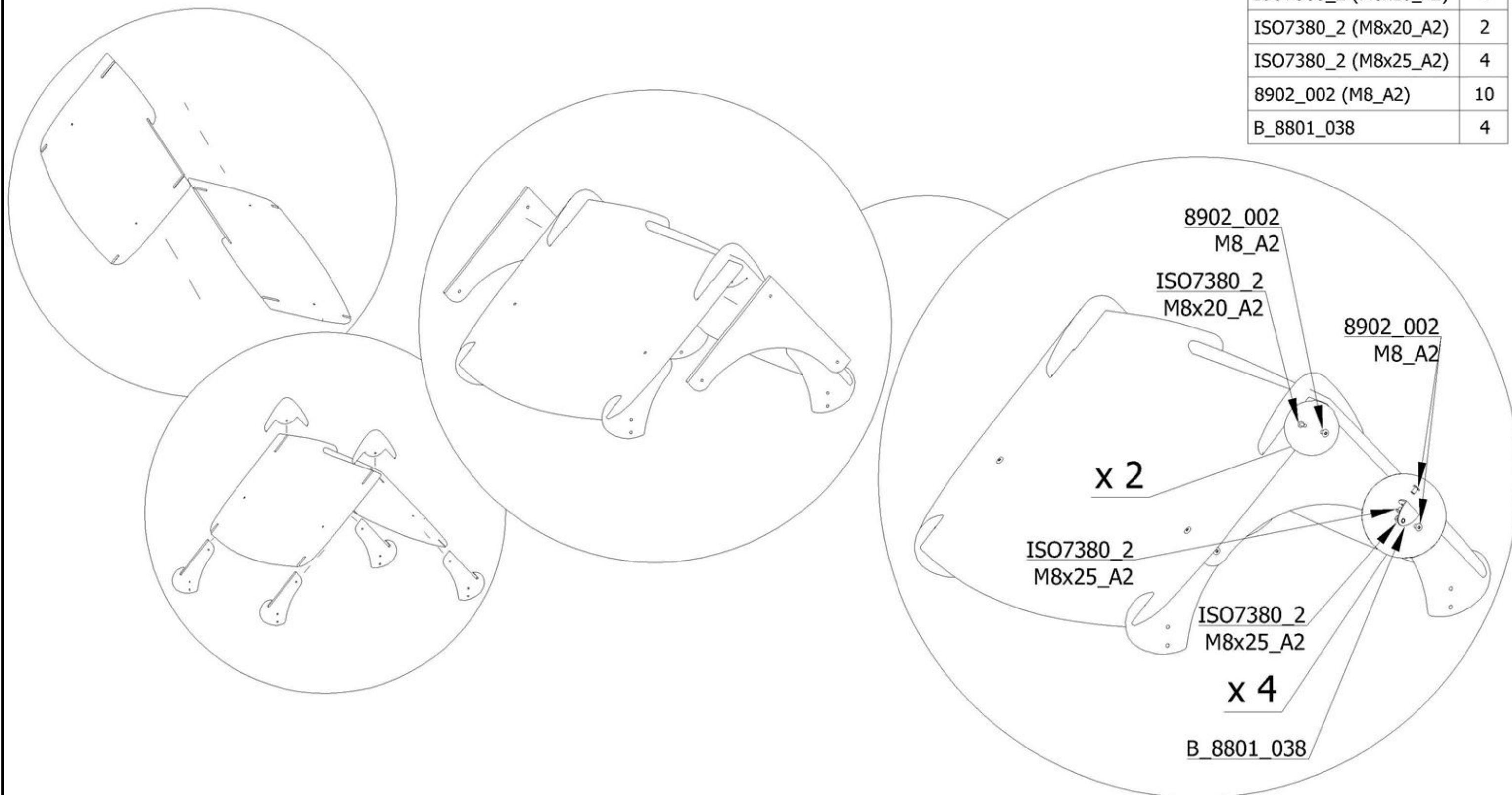
DIN986_M8_A2	2
ISO7380_2_M8x35_A2	2
ISO7089_8_A2	2
ISO7380_2_M8x16_A2	2
8919_001	2
Nr Rys./Normy	Ilość



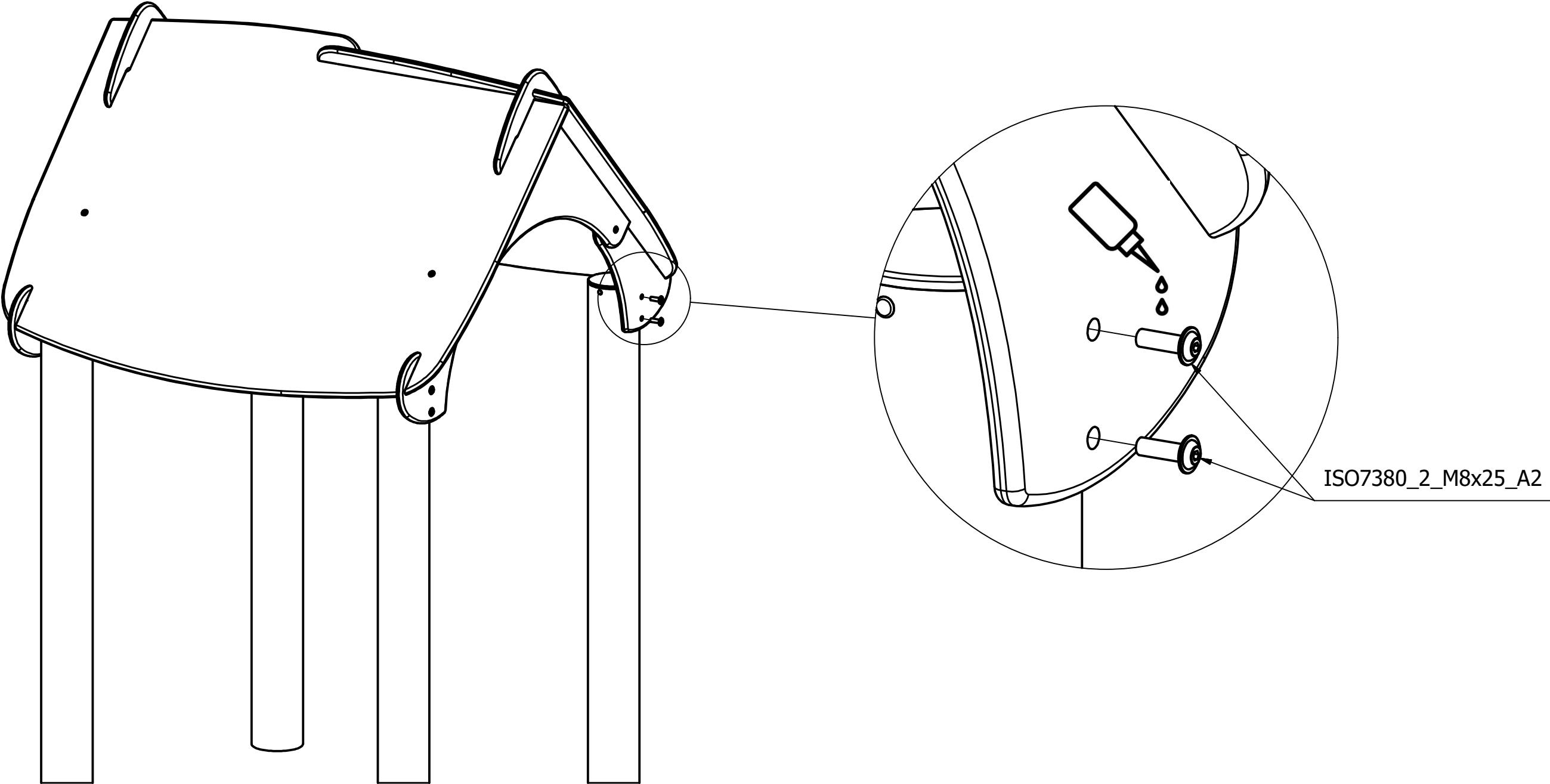
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ISO7380_2_M6x10_A2	4
8902_007_A2	4
8919_001	8
Nr Rys./Normy	Ilość



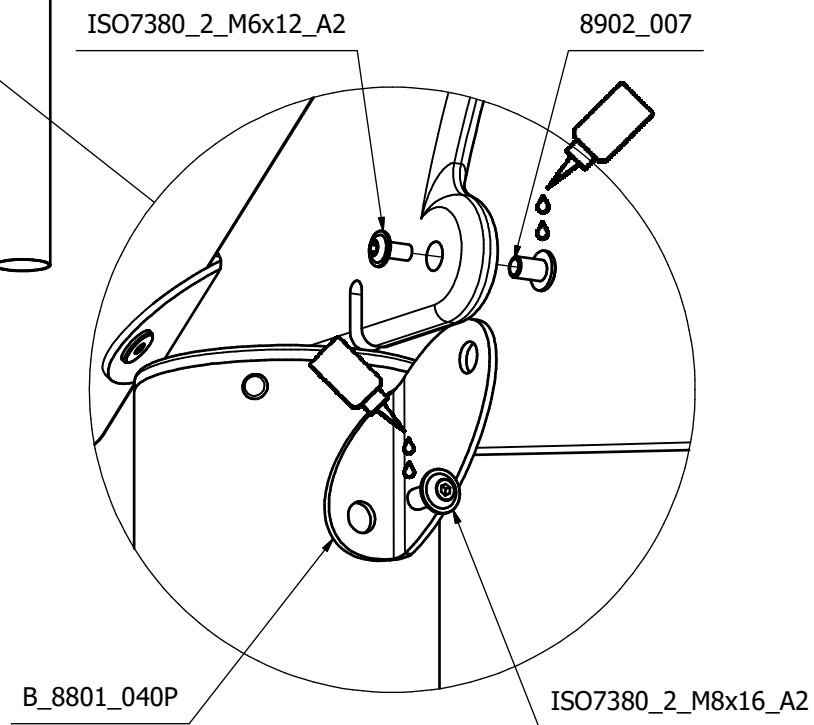
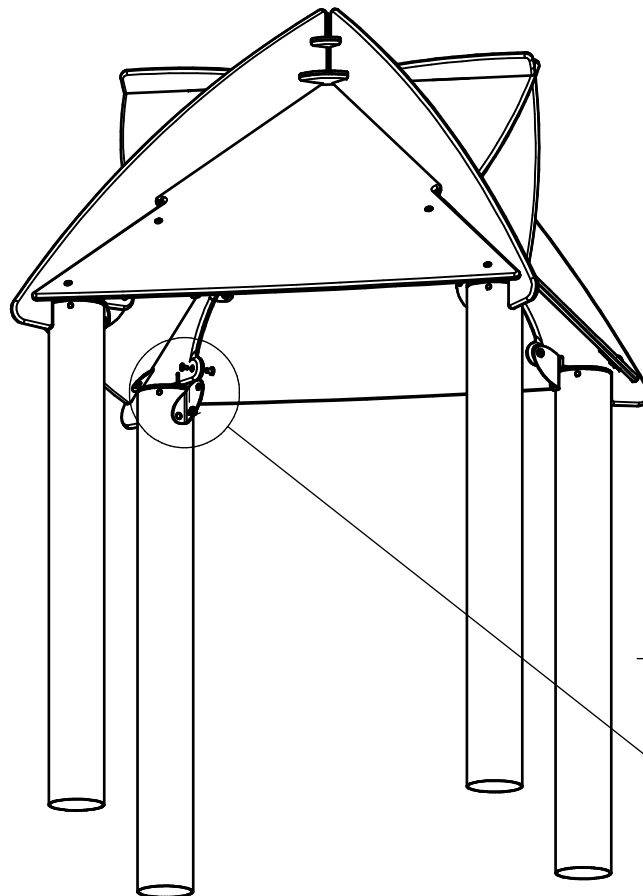
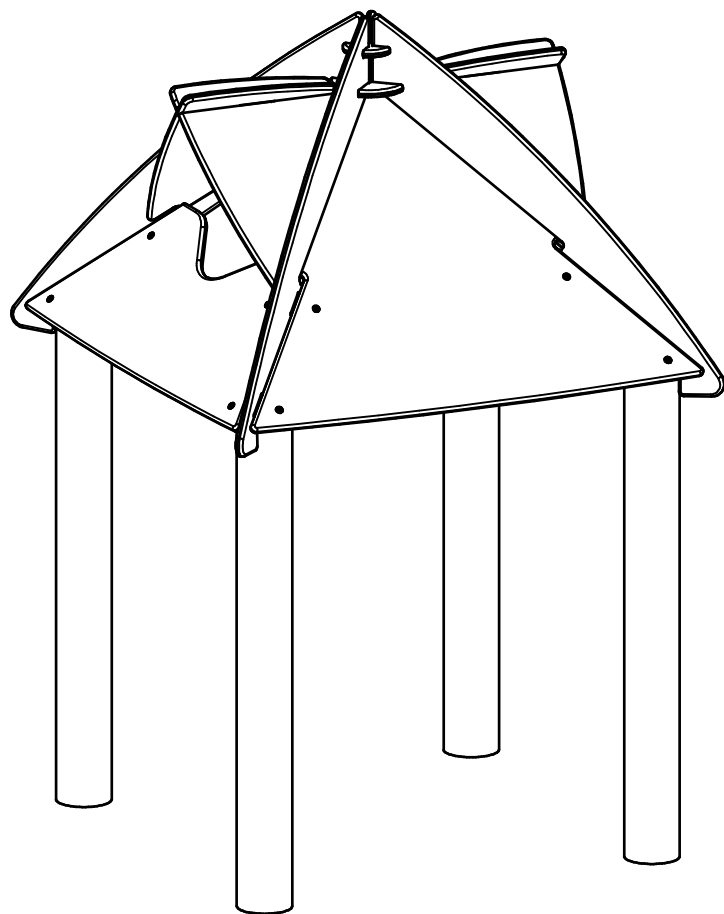
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ISO7380_2 (M8x20_A2)	2
ISO7380_2 (M8x25_A2)	4
8902_002 (M8_A2)	10
B_8801_038	4



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

