

interatletika™

PRODUCTION AND SALE OF CHILDREN'S AND OUTDOOR
EQUIPMENT

Customer support:

☎ +38 095 273 81 53

play.interatletika.com

✉ export.team@interatletika.com

LK112 - GC "Around The World"

DATA SHEET



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FOR NOTES

[illegible]

1. GENERAL INFORMATION

1.1 Item number _____.

1.2 Name _____.

1.3 Manufacturer LLC«Company Sporttechnika», Ukraine, city of Chernihiv, Ushynska St., 24.

1.4 Serial number and production date: _____, «____» _____ 20__ year.

1.5 Produced in accordance with regulatory documents: TC AT 28.9-31597759-001:2012.

1.6 The product is designed for children and creates conditions for:

- physical development of the child;

- development of movements coordination, overcoming fear of heights, development of agility and courage, sense of teamwork in team games.

The manufacturer can make changes to the product design to improve its performance, change the design, etc.

This document may not contain a description of such changes, but applies to the following modified products.

2. TECHNICAL DATA

Length, mm	4378
Width, mm	2764
Height, mm	2350
Weight, kg	409
Fall height, mm	730
Age range, years	3...7
Weight limits, kg	to 60

3. COMPLETENESS

Complete set of the product is given in the «Complete set information» and «Complete set of fasteners», supplied with the product.

4. CERTIFICATE OF ACCEPTANCE, PACKAGING AND CONSERVATION

Product _____, serial number _____ complies with regulatory documents TC AT 28.9-31597759-001:2012 and recognised as serviceable.

OTC mark: «____» _____ 20__ year.

Date

Full name

P.S.

Packed by LLC «Company Sporttechnika» in accordance with the requirements of regulatory documents.

«____» _____ 20__ year.

Date of packing

Packed by _____

Full name

Signature

Information on conservation and deconservation during operation

Conservation date	Conservation method	Conservation period	Deconservation date	Name of the company (organisation)	Position, full name	Signature

5. INFORMATION ON STORAGE, TRANSPORTATION AND RECYCLING

The product is transported in the manufacturer's packaging by any means of transport that ensures its safety and protection from external factors (rain, snow, sunlight, water, high humidity, etc.).

Information about transportation

Date		Brand, state number of the ca/trailer	Position, full name	Signature
Departure	Arrival			

Before installation, store the product in the original packaging in dry, closed rooms with natural air ventilation.

If it is necessary to transport the product to another location after use, it is recommended to use the manufacturer's packaging.

If long-term storage of the product is required, the following storage rules must be observed (the list of conditions is not complete):

- place the product in a closed dry room with natural ventilation;

- protect the product from external factors (dust, water drops, etc.) with a large plastic bag, leaving space for free air circulation;

- take other measures to preserve the appearance and characteristics of the product during storage.

When removing the product from storage and preparing for installation, follow the next recommendations:

- remove the product from the packaging material (polyethylene, cardboard, other packaging materials);

- remove dust and other contaminants from the surface of the product;

- check completeness and absence of parts damages.

Storage information

Date		Product storage conditions	Full name	Signature
Putting into storage	Removal from storage			

After the end of the equipment's service life, the buyer independently determines the procedure for its use. If you decide to recycle, contact the seller or specialized organizations.

The equipment does not contain harmful impurities and materials that can harm your health and is not subject to special recycling.

6. INSPECTION AND CHECKING

Before starting the operation of the product, it is visually inspected, checked: the integrity of paint coating, fasteners and structural strength.

If there are concrete support parts of the product, make sure that they are securely fixed and do not move.

Check that the equipment and site are free from packaging materials, construction debris and other foreign objects.

Check the proper condition of the shock-absorbing surfaces on the playground.

7 PRODUCT MAINTENANCE

Timely maintenance of the product is the responsibility of the buyer (or a responsible person) and includes:

1. Daily inspection - before using the product, check its performance, visual inspection for the absence of breakdowns, damage, sharp edges on components and parts, structural integrity, strength of wooden structures and element connection points, absence of unnecessary objects on the platforms. If the product is damaged, fully or partially inoperable, or otherwise defective, it is prohibited to use the product.

2. Scheduled inspection is carried out every three months.

It involves a detailed visual and operational inspection of the operation and stability of the equipment, especially with regard to any wear.

In the process of inspection, they determine:

- cleanliness and appearance of the surface of the playground and equipment;
- maintaining distances from parts of the equipment to the surface of the playground;
- absence of protruding parts of the foundations;
- absence of defects/malfunctions of equipment elements;
- wear of moving parts;
- structural integrity of equipment.

Special attention should be paid to hidden and inaccessible parts of the equipment.

3. Annual inspection is held every 12 months to establish the overall safety level of the equipment.

In the process of visual and functional inspection it is determined:

- structural stability;
- integrity of the foundation;
- strength of units of item elements connection;
- wear of sliding surfaces and grips.

Special attention should be given to:

- assessing the impact of weather events;
- the presence of rot or corrosion;
- parts that are closed to access during the entire period of operation.

The results of the inspection, repair or replacement of equipment components must be recorded in the maintenance record sheet.

Maintenance recording

Date and type of inspection	Name of the work done	Remarks on the technical condition	Position, full name, signature of the responsible person

8 REPAIR AND RECORDING OF MALFUNCTIONS

Replace all defective components with parts from the manufacturer.

It is forbidden to manufacture and replace components and parts of the equipment independently.

Recording malfunctions during operation

Date of failure of the product, its component part or structural element	Nature (external manifestation) of the malfunction	Corrective actions taken	Position, full name, signature of the responsible person

Information about the repair

Name of a component or structural element	The reason for the repair	Date		Name of the organisation, position, full name, signature of the person who performed the repair
		Put for repair	Out of repair	

9. INSTRUCTIONS FOR SAFE USE

WARNING. Children are allowed on the equipment only under adult control.

Before operating the product, conduct a visual inspection, check the fasteners and structural strength.

The equipment is used on the playgrounds without constant supervision by operating personnel. In order to ensure the safe operation of the product, the owner must conduct a daily visual inspection. If malfunctions are detected during the inspection, they must be immediately eliminated, and if this is not possible, the equipment must be closed for users.

There should not be any foreign objects, sharp elements, protrusions on the surface of the playground.

Under playground equipment with a free-fall height of more than 600 mm, an impact-absorbing coating must be provided over the entire fall zone. With a free fall height of less than 1000 mm, a turf shock-absorbing coating is allowed.

Examples of impact-absorbing coatings

Material ¹	Description	Minimal depth, mm	Free fall height, mm
Turf			≤1000
Tree bark	grain size 20-80 mm	200	≤2000
		300	≤3000
Sawdust	grain size 5-30 mm	200	≤2000
		300	≤3000
Sand ²	grain size 0,2-2 mm	200	≤2000
		300	≤3000
Gravel ²	grain size 2-8 mm	200	≤2000
		300	≤3000
Other materials ³	Characteristics of the tested material		Critical fall height obtained during testing
1. Materials specially prepared for playgrounds. 2. There should not be any clay inclusions. 3. The grain size is obtained by sieving through a sieve as in EN933-1.			

WARNING. Operating the product without an impact-absorbing coating may result to serious injury during falling down.

Playground surface materials with low impact-absorbing features should only be used outside the fall zone.

Product use:

- It is recommended to show or tell children how to use the equipment;
- during use it is recommended to hold onto handrails, railings, handles;
- it is forbidden to use until the completion of its full and final installation;
- it is forbidden to use by users of a different age and weight category;
- before using clear the surface from foreign objects, sharp elements, protrusions;
- it is forbidden to move the product elements which are not intended for this;
- do not use in difficult weather conditions (ice, snow, rain, hail, strong wind, etc.), in which there is a possibility of injury to the child.

The manufacturer is not responsible for the consequences:

- poor quality and improper installation of the product;
- use of low-quality materials and inadequate qualifications of personnel during installation of the product;
- use of the product earlier than the period necessary to fix the product in the soil or other material;
- design changes to the product that caused injury;
- lack of proper adult control;

- violation of age and weight restrictions by users;
- damage to the product due to improper storage, installation or use of the product for purposes other than those intended.

10. INSTALLATION INSTRUCTIONS

Installation of the product can be carried out by the manufacturer, service centre or other legal entities and individuals who have the necessary material and technical base and qualifications.

The product is installed on a prepared flat area, free from debris, trees and other obstacles that interfere with installation (when installed in winter, the area shall be additionally free from snow). The required size of the site is determined by the fall zone of the equipment. When installing in winter on natural ground, it is recommended to choose a site with compacted soil in the area of foundation placement.

The height difference of the prepared site should be:

- a) no more than 50 mm for natural substrates, including substrates with subsequent shock-absorbing coating.
- b) no more than 10 mm for hard substrates (asphalt, concrete), including substrates with subsequent application of a synthetic protective coating.

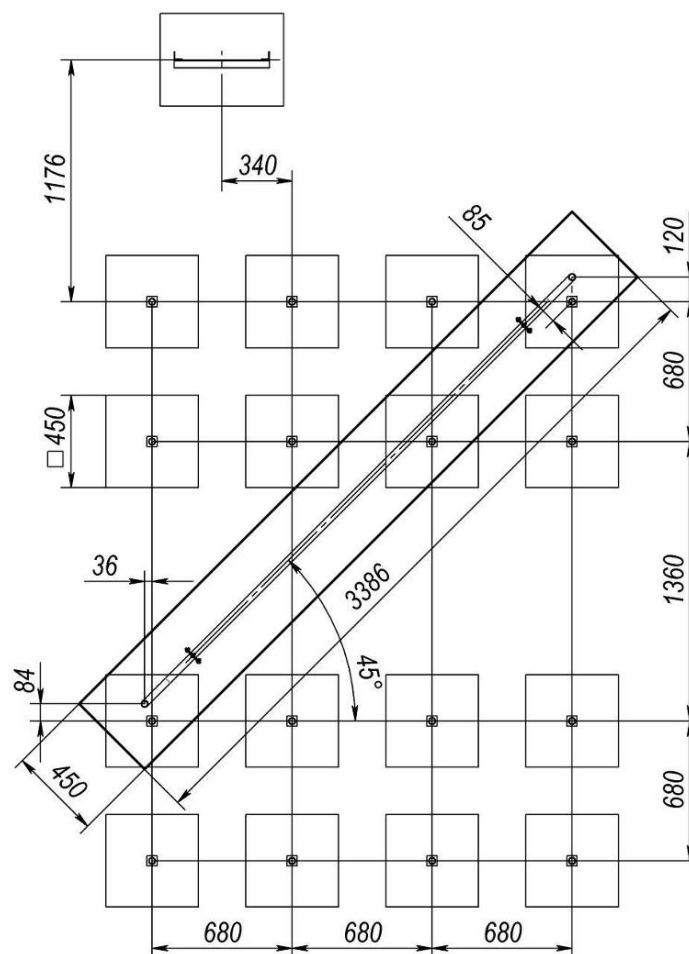
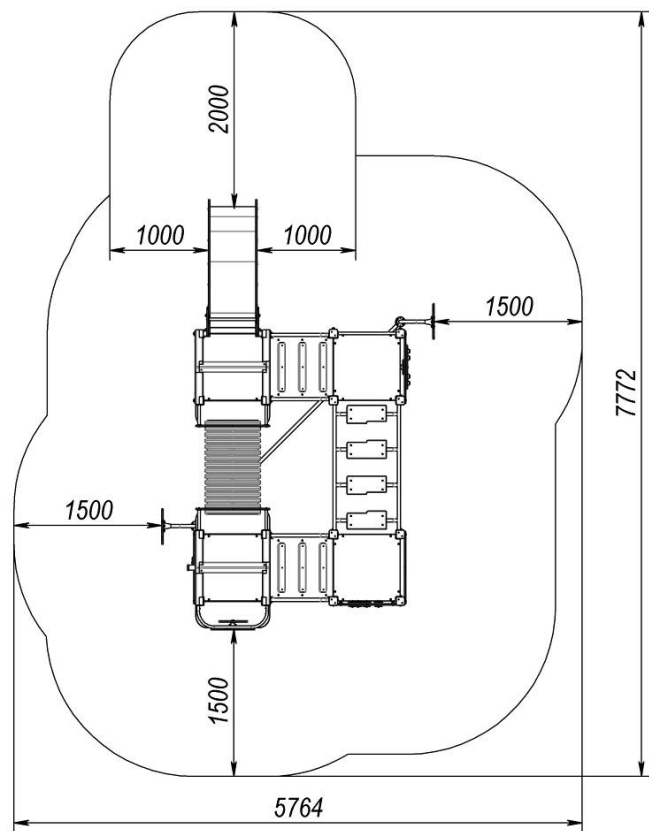
Before starting the installation, you must:

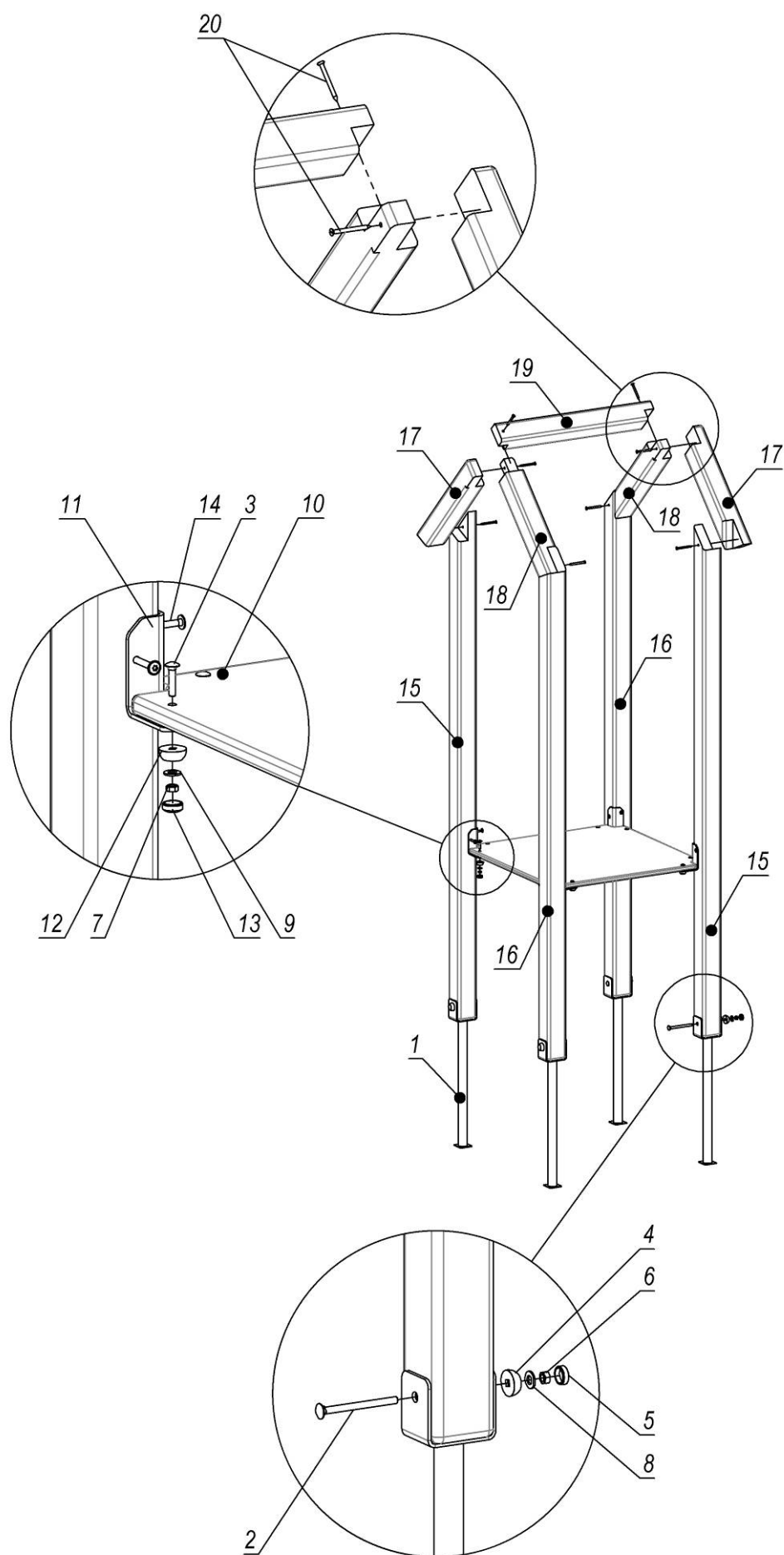
- study the documentation supplied with the product;
- check the completeness in accordance with the documents supplied with the product;
- remove the original packaging from the component part;
- comply with safety requirements.

To avoid cracking of the wood, for screws with a diameter of more than 4 mm, drill holes with a diameter of 0.6...0.7 mm to a depth of 0.8 of the screw's length.

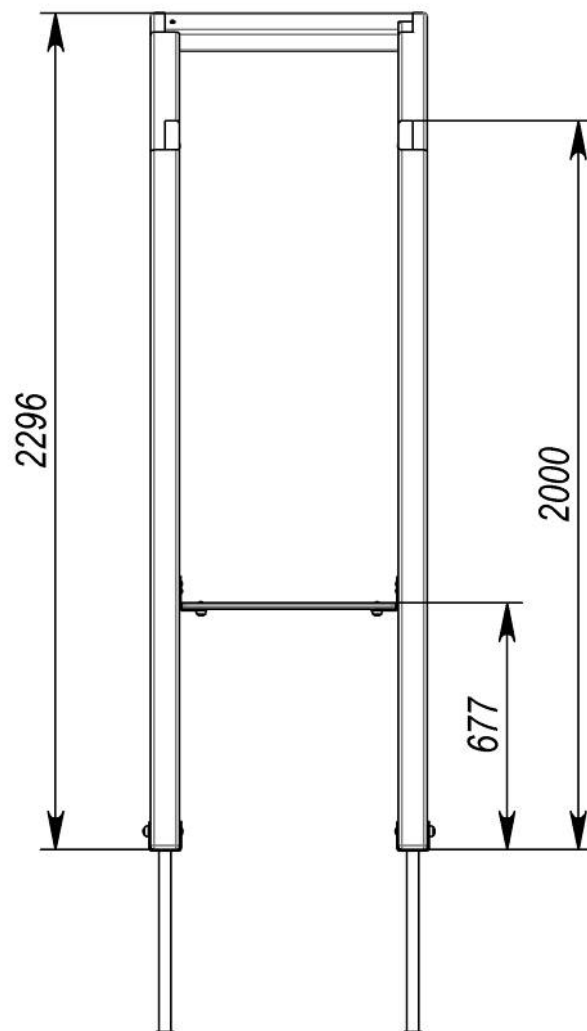
WARNING. The presence and participation of children during the installation of the product is not allowed.

Install the product in stages, following the instructions in the appendix.



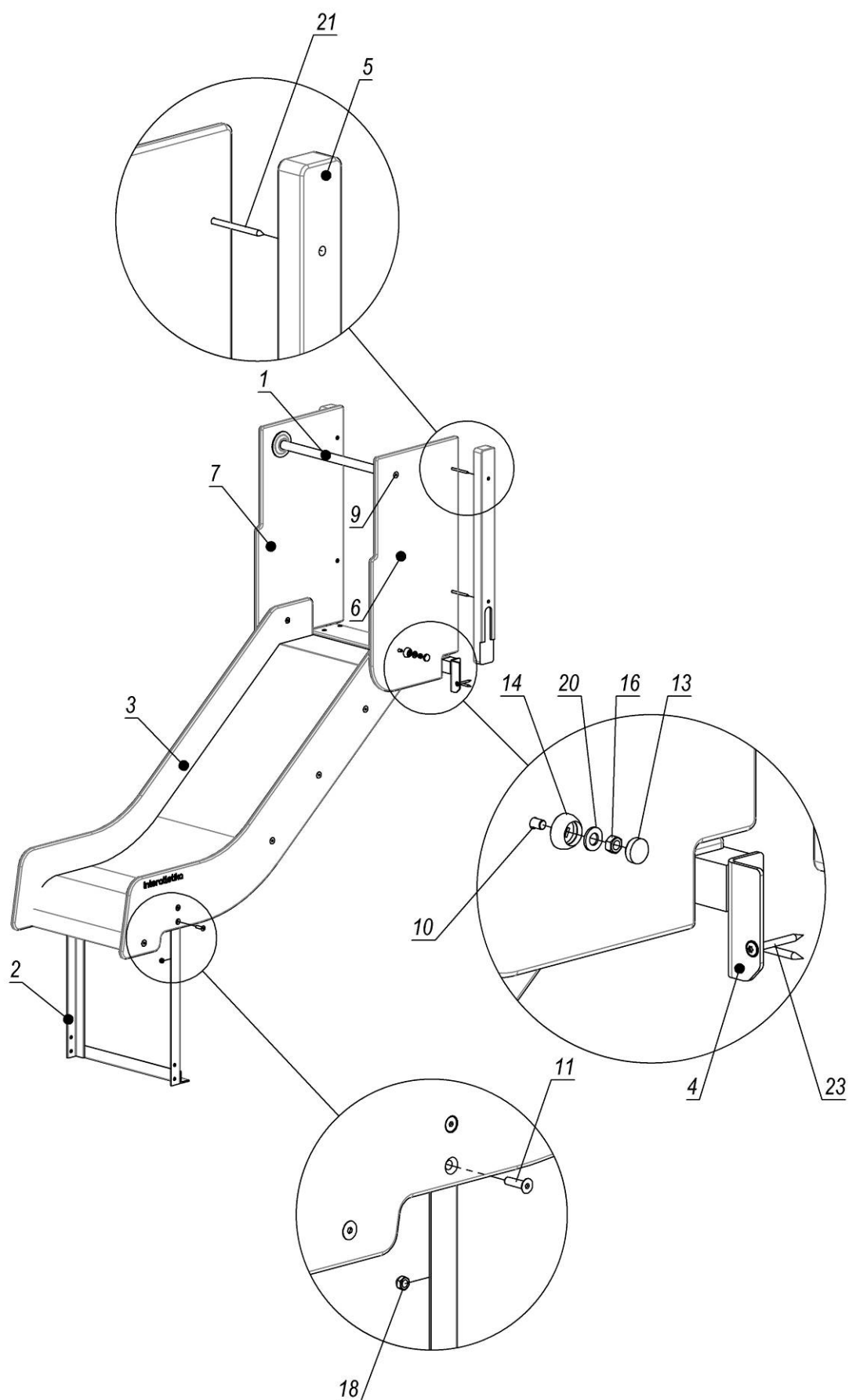


Picture 3 – Tower assembly scheme

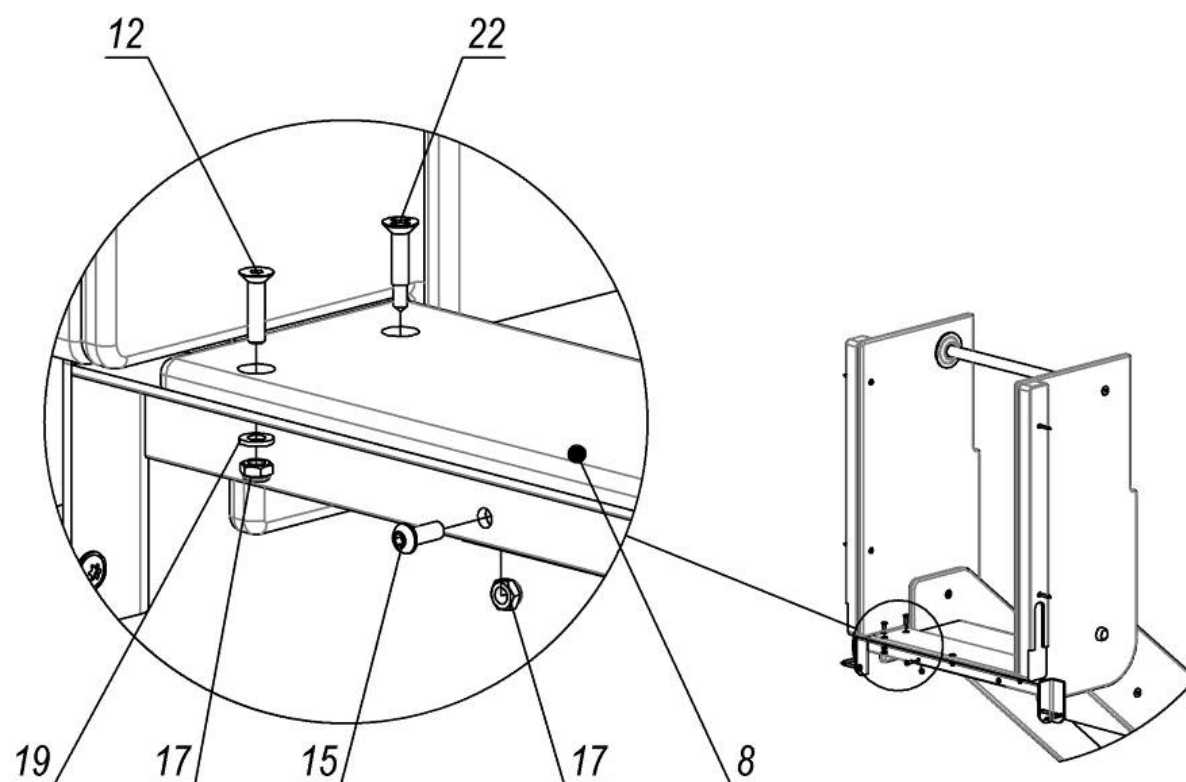


<i>Pos.</i>	<i>Name</i>	<i>Weight, kg</i>	<i>Q-ty</i>
1	Embedded element	1	4
2	Bolt M8*100		4
3	Bolt M6*30		8
4	Cup M8		4
5	Cap M8		4
6	Nut M8		4
7	Nut M6		8
8	Washer 10		4
9	Washer 8		8
10	Site (0.68x0.68)	6	1
11	Platform bracket		4
12	Cup m6		8
13	Cap M6		8
14	Screw 6.0x60 SPAX T-STAR plus (univers.)		8
15	Rack 2 m	7	2
16	Rack 2 m	7	2
17	Pediment front	2	2
18	Pediment back	2	2
19	Bar 0.68 m	2	1
20	Screw 6x70		8

Picture 4 – Complete set of the tower

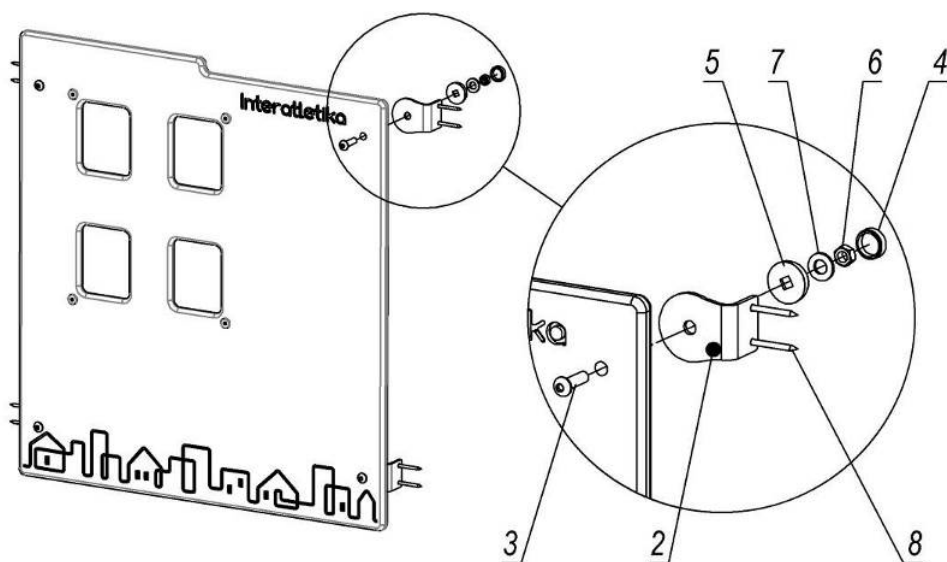


Picture 5 – Slide assembly scheme



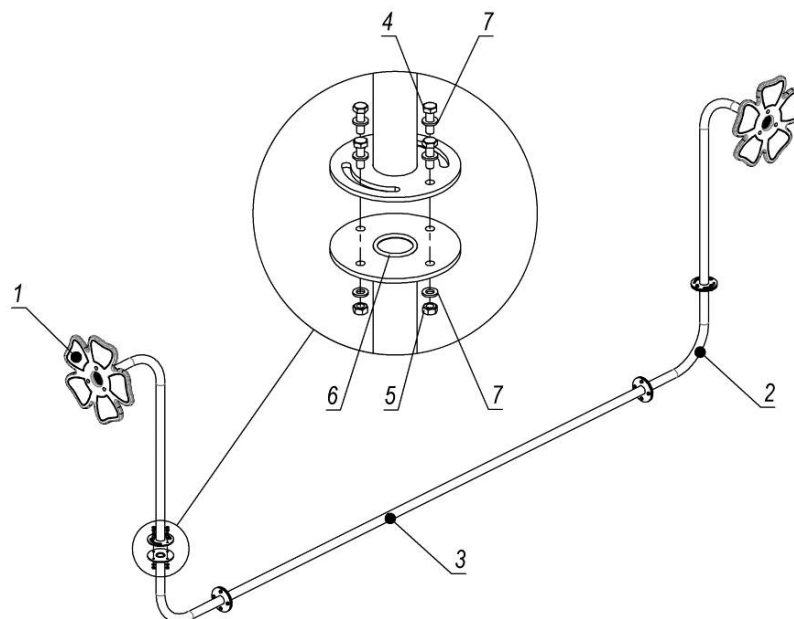
<i>Pos.</i>	<i>Name</i>	<i>Weight, kg</i>	<i>Q-ty</i>
1	Brace rod 493 mm	1	1
2	Slide slip (angle)	5	1
3	Slide 0.7 m	22	1
4	Slide support	2	1
5	Slide lining		2
6	Sidepart upper right	4	1
7	Sidepart upper left	4	1
8	Cover plate (120x510)		1
9	Stud M10x35 DIN7991	26	2
10	Stud M8x40 DIN7991	18	2
11	Stud M8x30 DIN7991	14	4
12	Stud M6x25 DIN7991	6	3
13	Cap M8		2
14	Cup M8		2
15	Stud M6x16 ISO7380		2
16	Nut M8		2
17	Nut M6 DIN985		5
18	Nut M8 DIN985		4
19	Washer 6		3
20	Washer 10		2
21	Screw 6x90		4
22	Screw with a drill 6.3x32 DIN7504P	7	2
23	Screw 6.0x60 SPAX T-STAR plus (univers.)		4

Picture 5.1 – Complete set of the slide



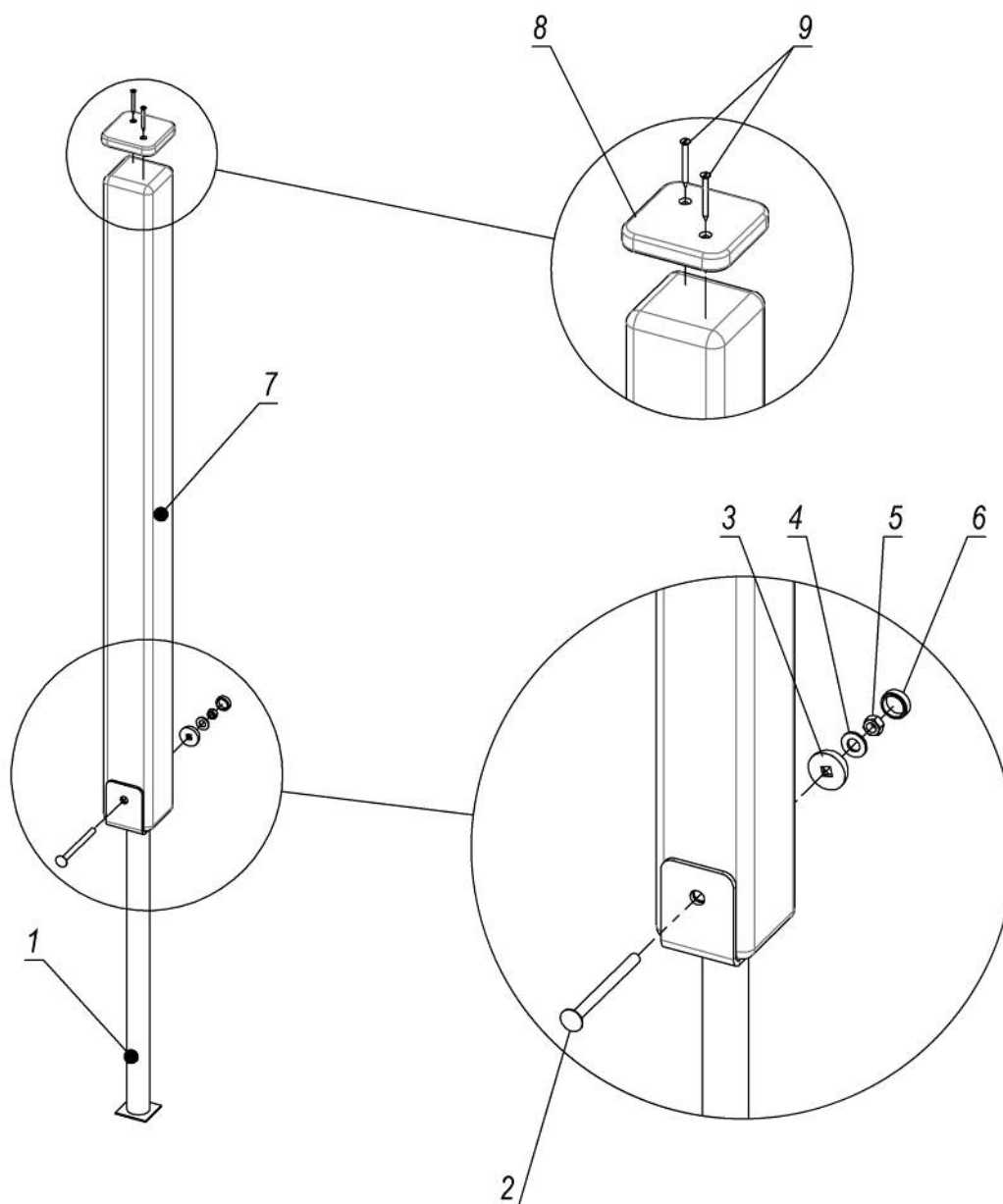
Pos.	Name	Weight, kg	Q-ty
1	Panel 0.6m "Window" left	5	1
2	Corner bracket 40x60		4
3	Stud M8x30 ISO7380		4
4	Cap M8		4
5	Cup M8		4
6	Nut M8		4
7	Washer 10		4
8	Screw 4x40		8

Picture 6 – Panel assembly scheme (assembly of other panels is identical)



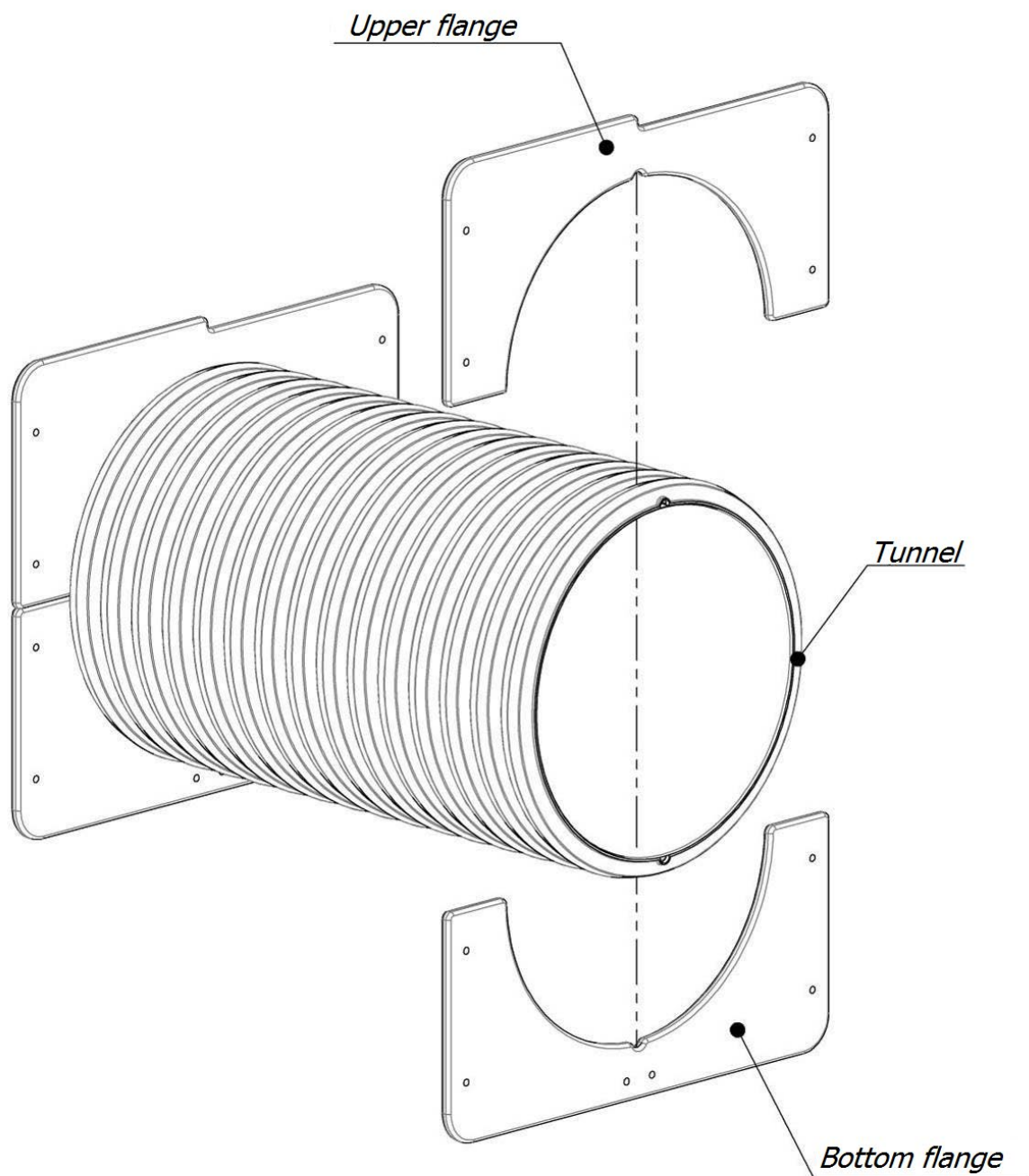
Pos.	Name	Weight, kg	Q-ty
1	Intercom rack	4	2
2	Adapter	2	2
3	Intercom tube	5	1
4	Bolt M6*20		16
5	Nut M6		16
6	Circle 028-033-30 (27.5x3)		4
7	Washer 6		32

Picture 7 – Assembly scheme of the intercom

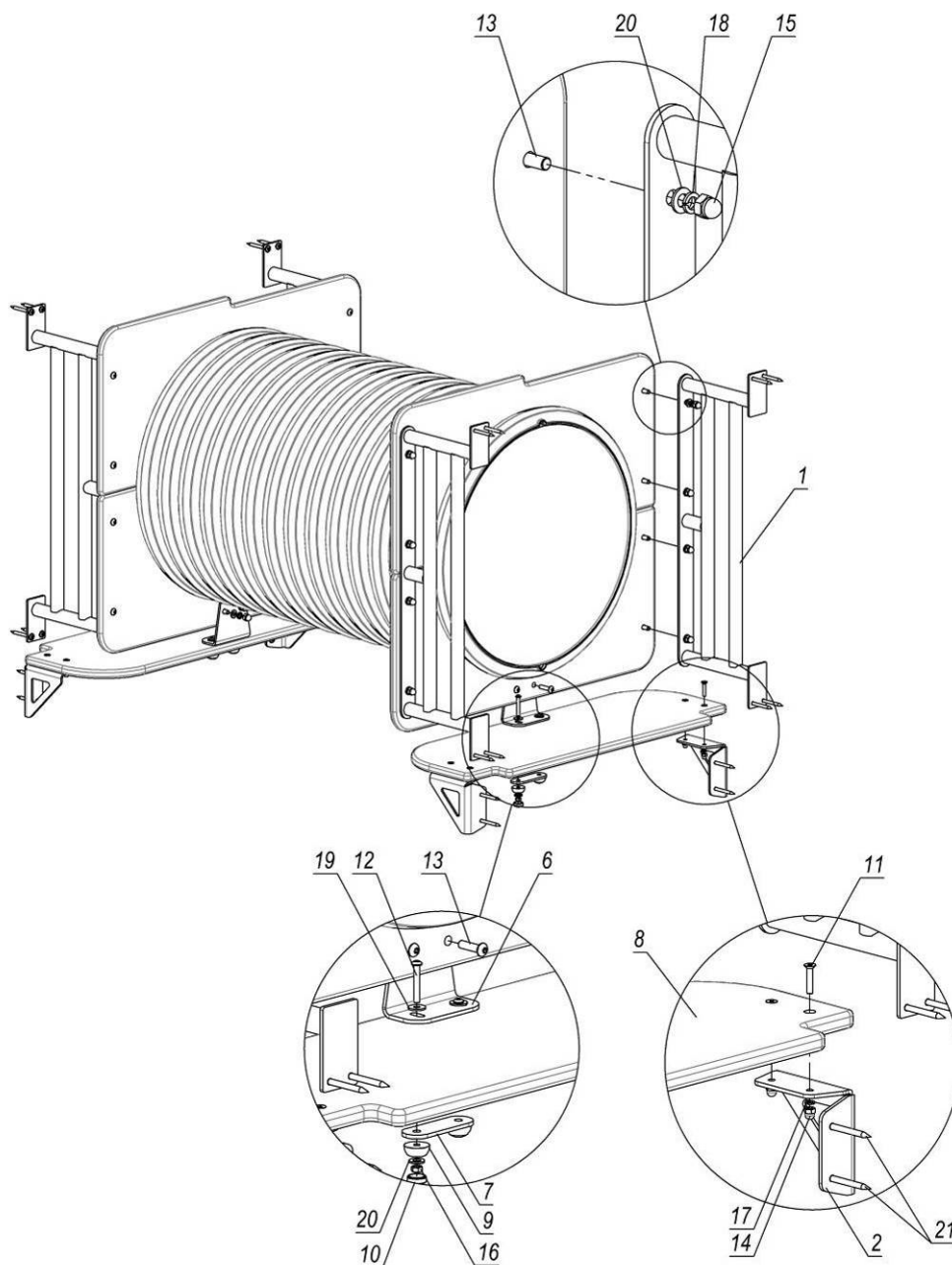


<i>Pos.</i>	<i>Name</i>	<i>Weight, kg</i>	<i>Q-ty</i>
1	Embedded element	2	1
2	Bolt M8*100		1
3	Cup M8		1
4	Washer 10		1
5	Nut M8		1
6	Cap M8		1
7	Rack 1.1m	4	1
8	Cap on bar		1
9	Screw 4x40		2

Picture 8 – Rack assembly scheme

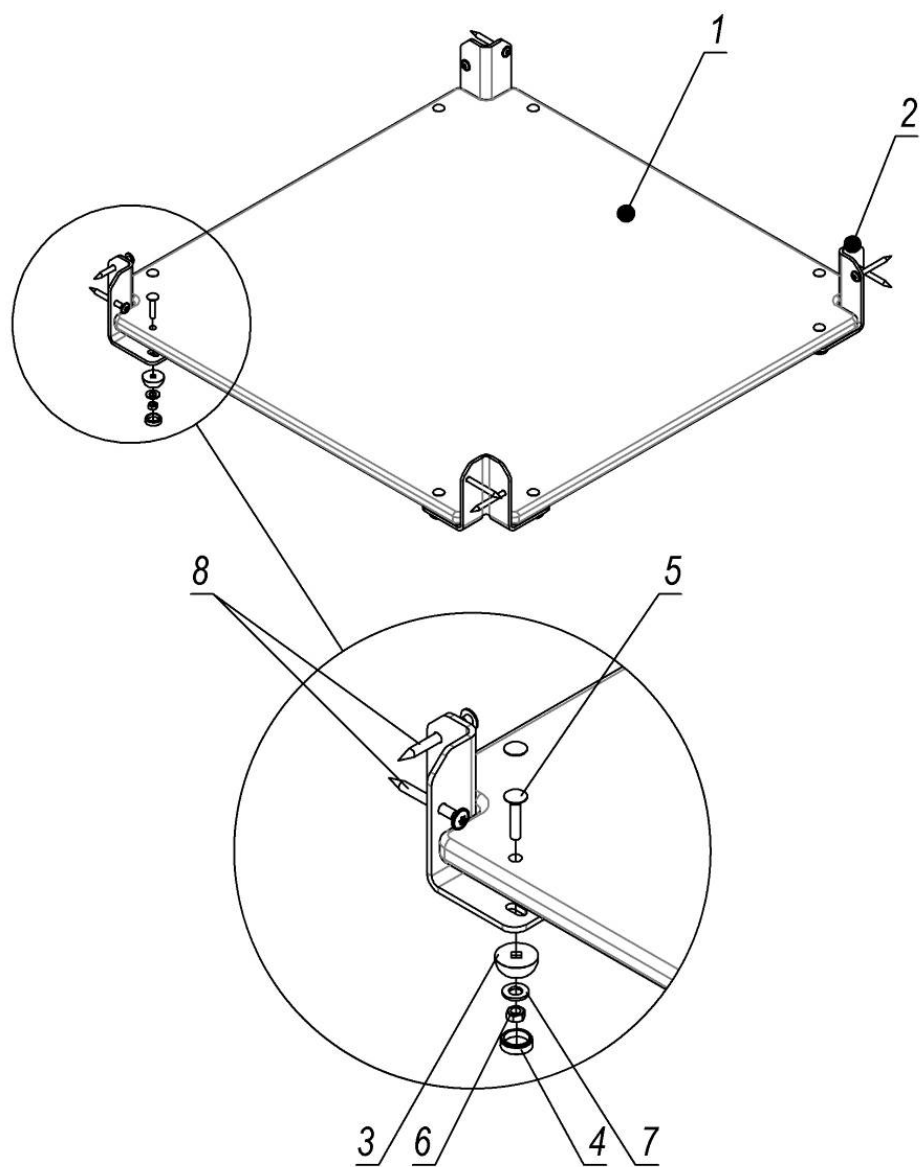


Picture 9 – Assembly scheme of the tunnel crossing



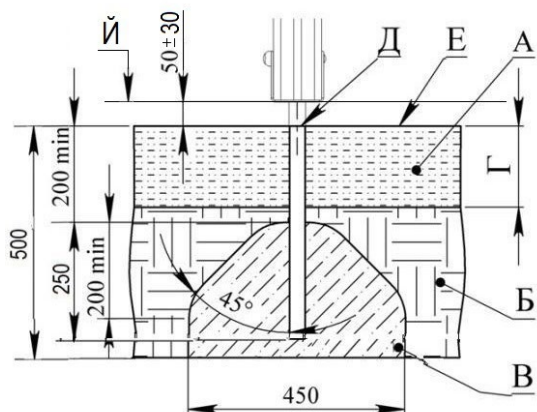
Pos.	Name	Weight, kg	Q-ty
1	Tunnel sidepart	3	4
2	Table angle bar		4
3	Tunnel	9	1
4	Flange upper	2	2
5	Flange bottom	2	2
6	Angle bar		2
7	Flange 4*30*90 mm		2
8	Balcony floor 0.72 m	2	2
9	Cup M6		4
10	Cap M6		4
11	Stud M6x30 DIN7991		8
12	Stud M6x40 ISO7380		4
13	Stud M8x30 ISO7380		20
14	Cap nut M6 DIN1587		8
15	Cap nut M8 DIN1587		20
16	Nut M6		4
17	Washer 6		8
18	Washer 8		20
19	Washer 6		4
20	Washer 8		24
21	Screw 6.0x60 SPAX T-STAR plus (univers.)		24

Picture 9.1 – Assembly scheme of the tunnel crossing

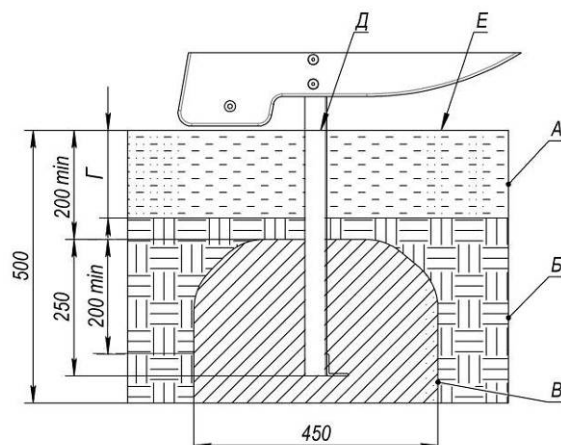


<i>Pos.</i>	<i>Name</i>	<i>Weight, kg</i>	<i>Q-ty</i>
1	Site 0.68x0.68	6	1
2	Platform bracket		4
3	Cup M6		8
4	Cap M6		8
5	Bolt M6*30		8
6	Nut M6		8
7	Washer 8		8
8	Screw 6.0x60 SPAX T-STAR plus (univers.)		8

Picture 10 – Site assembly scheme



For beams support and other elements



for the slides of the complex

А – shock-absorbing coating;

Б – soil;

В – concrete;

Г – depth of the shock-absorbing coating;

Д – product level plane;

Е – game surface;

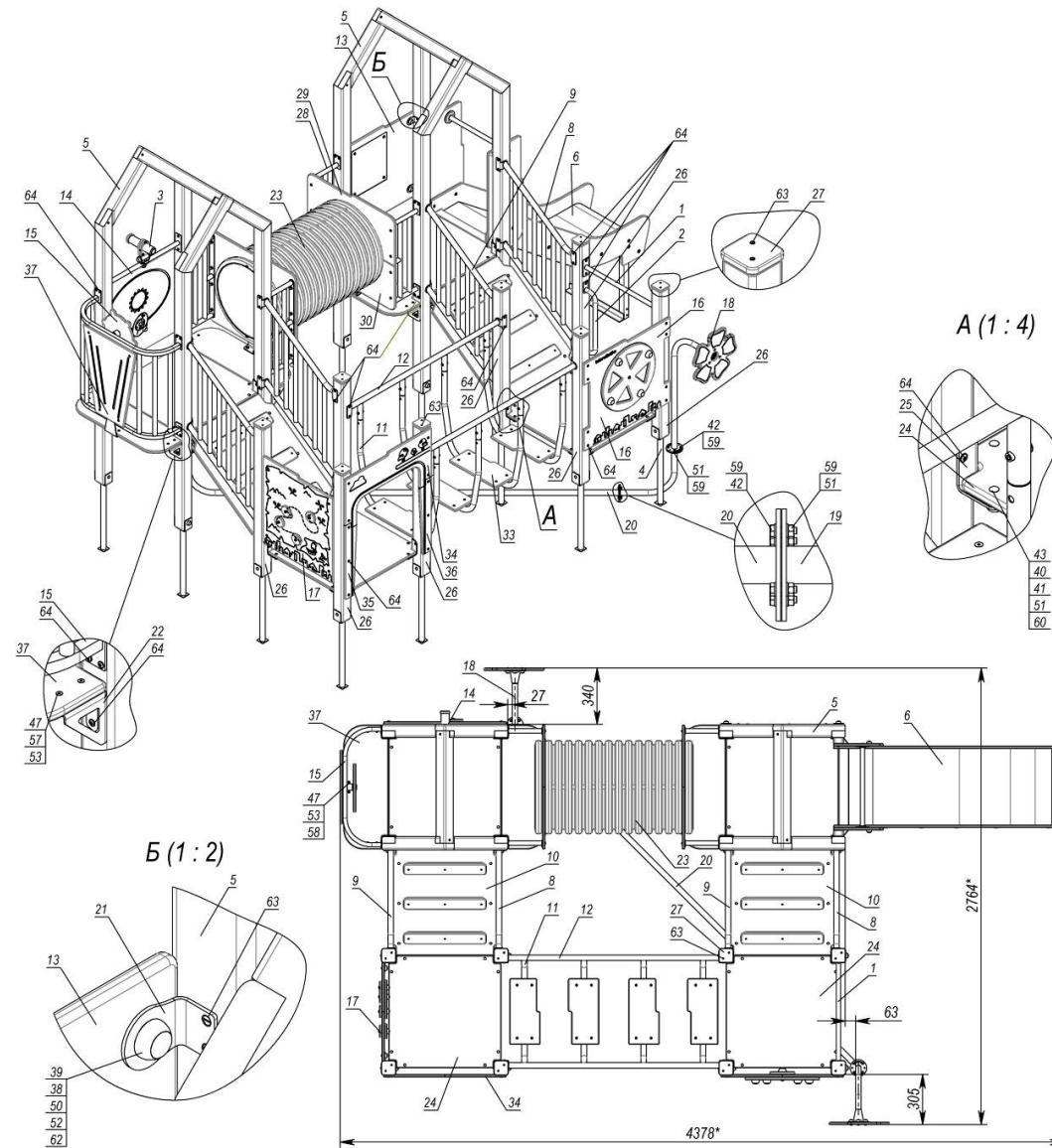
Й – thread.

Examples of impact-absorbing coatings

Material ¹	Description	Minimal depth, mm	Free fall height, mm
Turf			≤ 1000
Tree bark	grain size 20-80 mm	200	≤ 2000
		300	≤ 3000
Sawdust	grain size 5-30 mm	200	≤ 2000
		300	≤ 3000
Sand ²	grain size 0.2-2 mm	200	≤ 2000
		300	≤ 3000
Gravel ²	grain size 2-8 mm	200	≤ 2000
		300	≤ 3000
Another material	HIC tested according to EN 1177	According to the test	According to the test
1. Materials are specially made for the playgrounds. 2. No clay inclusions should be present. Grain size is obtained by sieving through a sieve as in EN 933-1.			

Picture 11 – Concreting scheme

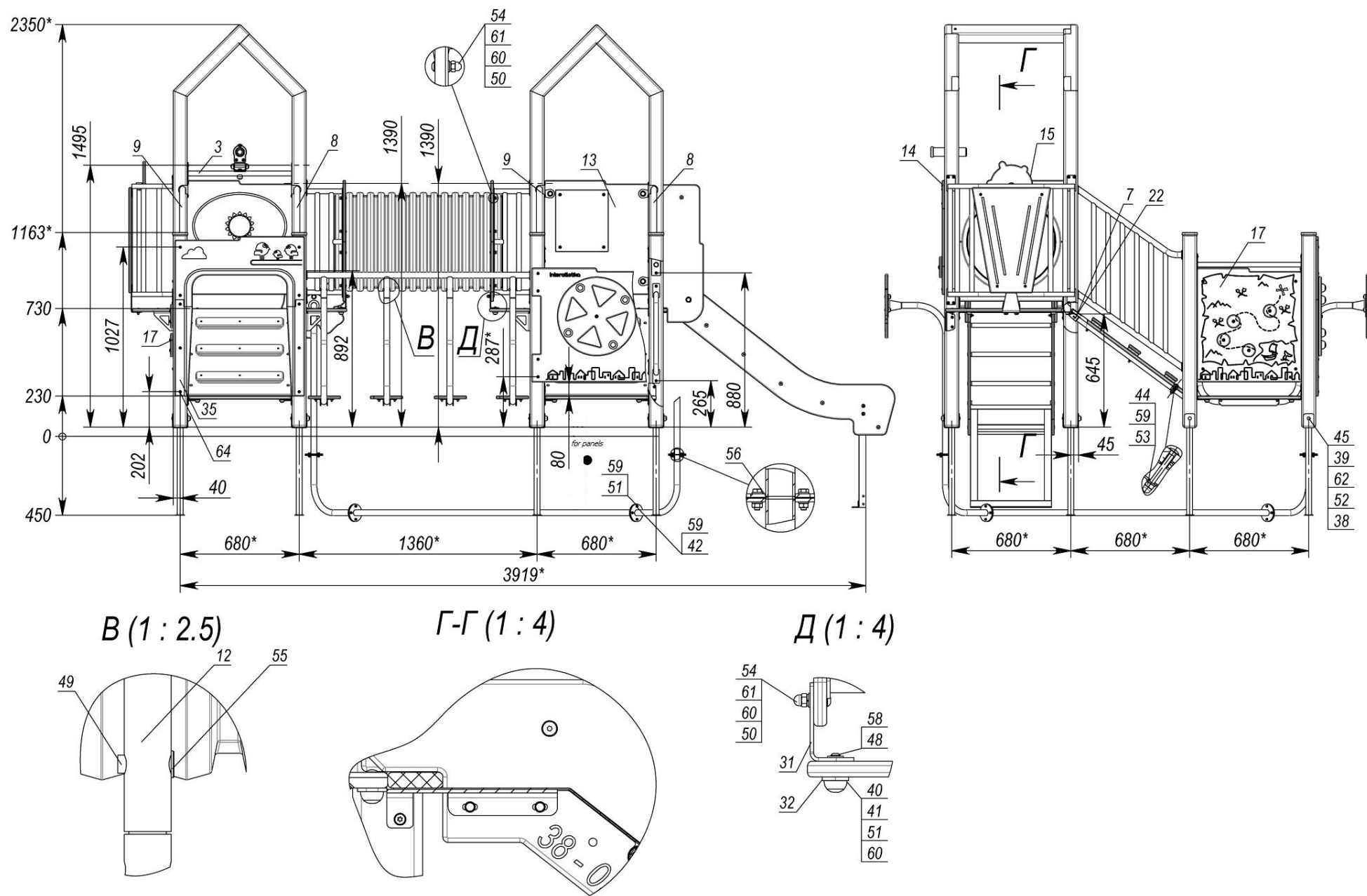
Appendix



Not mentioned elements of fastening - with help of pos. 64

Pos.	Name	Weight, kg	Q-ty
1	Brace rod (L=600 mm)	1	1
2	Handle		1
3	Spyglass on brace rod	2	1
4	Embedded element	2	8
5	Tower 0.73 m	53	2
6	Slide 0.7 m - 38 degrees assembly	38	1
7	Gangway support	2	4
8	Handrail	9	2
9	Handrail	9	2
10	Gangway 0.5 m	10	2
11	Step frame	5	4
12	Railing with adapters	4	2
13	Panel 0.6m "Window" right	5	1
14	Panel "World's map"	6	1
15	Balcony	14	1
16	Panel "Colour disc"	9	1
17	Panel "Treasure map" assembly	6	1
18	Intercom rack	4	2
19	Intercom adapter	2	2
20	Intercom tube	5	1
21	Corner bracket 40x60		8
22	Table angle bar		6
23	Tunnel	9	1
24	Site (0.68x0.68)	6	2
25	Platform bracket		8
26	Rack 1.1m	4	8
27	Cap on bar		8
28	Tunnel sidepart	3	4
29	Flange upper	2	2
30	Flange bottom	2	2
31	Angle bar		2
32	Flange 4*30*90 mm		2
33	Bridge step		4
34	Panel "Arch"	3	1
35	Arch rim		1
36	Arch rim		1
37	Balcony floor 0.72m	3	3
38	Cap M8		16
39	Cup m8		16
40	Cup M6		20
41	Cap M6		20
42	Bolt M6*20		16
43	Bolt M6*30		16
44	Bolt M6*50		12
45	Bolt M8*100		8
46	Stud M6x25 DIN7991		16
47	Stud M6x30 DIN7991		14
48	Stud M6x40 ISO7380		4
49	Stud M8x25		8
50	Stud M8x30 ISO7380		28
51	Nut M6		36
52	Nut M8		16
53	Cap nut M6 DIN1587		42
54	Cap nut M8 DIN1587		20
55	Erickson nut M8x16x19x10 S		8
56	Circle 028-033-030 (27.5x3)		4
57	Washer 6		12
58	Washer 6		6
59	Washer 6		44
60	Washer 8		40
61	Washer 8		20
62	Washer 10		16
63	Screw 4x40		32
64	Screw 6.0x60 SPAX T-STAR plus (univers.)		144

Picture 12



Picture 13