

Exploded view diagram of a mechanical assembly. The components and their quantities are labeled as follows:

- [033130001] (1 unit)
- [1200279] (1 unit)
- [1040709] (1 unit)
- [1040338] (1 unit)
- [1040010] (1 unit)
- [1040390] (1 unit)
- 5x [1040410] (5 units)
- [033431000] (1 unit)
- 2x [1210010] (2 units)
- [1210358] (1 unit)
- company label (1 unit)
- play level check mark (1 unit)
- [1200004] (1 unit)
- [1040338] (1 unit)
- 2x [1040375] (2 units)
- [033440000] (1 unit)

Diagram illustrating the exploded view of the playground equipment assembly, showing various components and their reference numbers:

- [1210022]
- [1040396]
- [1040379]
- [1040366]
- [1210032]
- [1260209]
- 2x [1210047]
- [1040662]
- [1260065]
- 2x [1040376]
- 2x [1040377]
- 5x [1040410]

Please note the pre-assembled retaining flap(s)
Keep a minimum distance of 230 mm to the support, otherwise, the requirements of Standard for playground equipment EN 1176-1 concerning head entrapment will no longer be met.

Please also consider separate documentation for water pumps or gargoyles and for (optionally) additional valve combination(s).

Installation instructions

1. Assign a device location considering the space requirement (impact area).
2. Excavate soil for foundations, according to drawing.
Please note: To achieve maximum stability and a safe installation, a moderate level of soil solubility is required.
3. Pour in a drain layer of gravel of approx. 10 cm thickness between the bottom of the posts and plain base of foundation.
4. Insert reinforcing steel into the corresponding holes of the posts.
5. Place posts according to the corresponding number (see foundation layout) into the respective foundation hole. Play level mark (=aluminium blind rivet) complies with the installation depth. Align every post by means of the play level mark facing into the same direction (see detail or foundation layout).

6. For installation of the pre-assembled components and/or single parts, the screws slightly have to be lubricated with installation paste!

Screw together platforms and posts by using the middle hole in the mounting brackets.

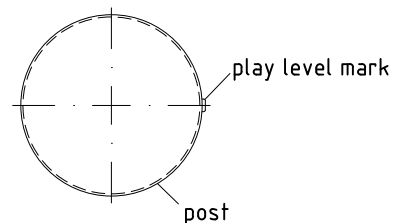
Tighten all screws after having aligned all components.

Screw connections see details in attached list.

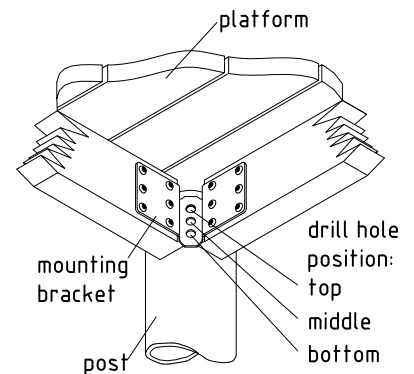
7. Grout foundations with compressed concrete C20/25, chamfer and round off the edges, cover the foundations with a surface which meets the requirement for impact attenuation so that its critical fall height is equal to or greater than the maximum free height of fall of the equipment (acc. to EN 1176-1).
8. Release for play after concrete foundations have set.
9. According to maintenance instructions, check all screw connections after 4-5 weeks and retighten, if necessary. Afterwards cover the screw heads with protective screw caps.

Please ensure that all special tools supplied (e.g. Allen key for secured Allen screws etc.) and all specific documents which are or may be useful for safety management acc. to EN 1176-7 (e.g. invoice, delivery note, order acknowledgement, installation instructions, maintenance instructions) are forwarded to the persons responsible.

detail of play level mark
1:5



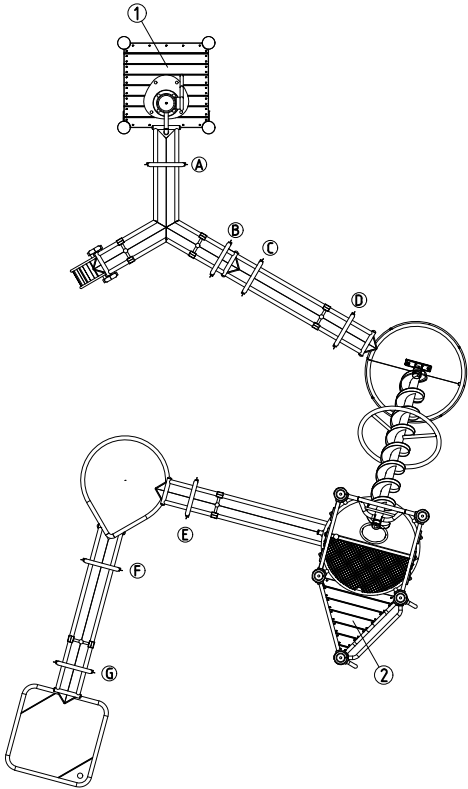
platform fastening
1:10



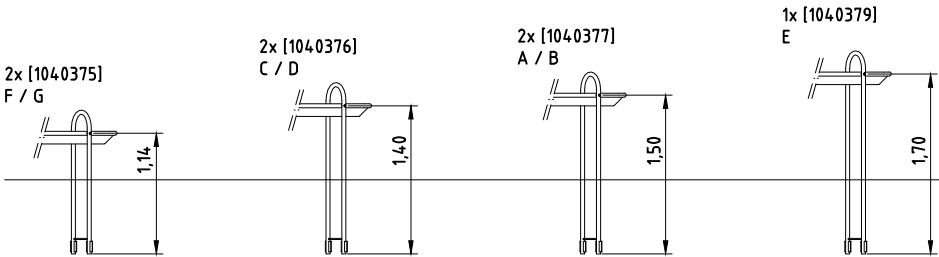
platform orientation/numbers

chart for platform fastenings

No.	height	drill hole position in mounting bracket		
		top	middle	bottom
①	0,20		x	
②	0,95	x		



length of the different types of steel supports
1:50



Installation

Item No.
034330500/700

Description
Water play structure

Scale
–

Date
12/24 Eb

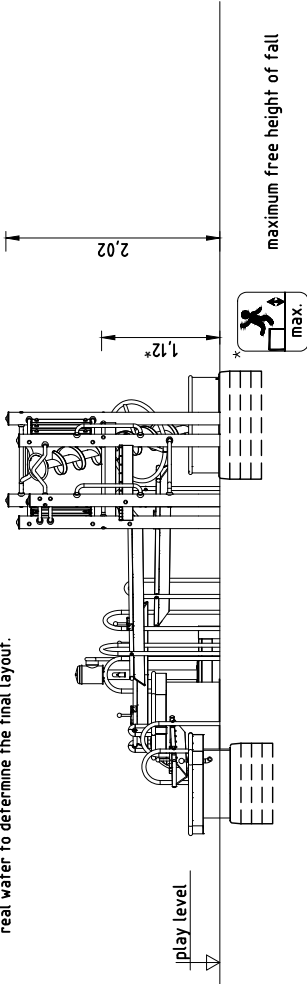
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Front view



total height of the equipment

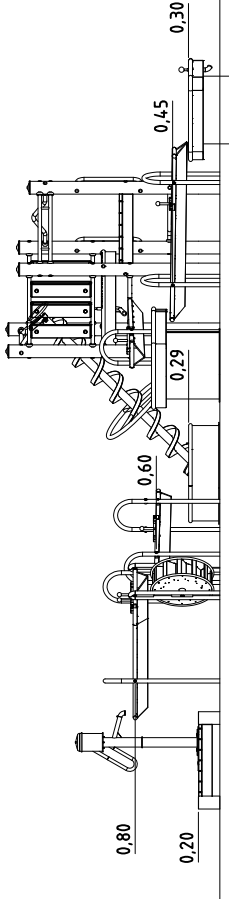
Fix water trough(s) with 1° inclination within flow direction. For the purpose of whole functionality, we recommend a tentative set-up using real water to determine the final layout.



For a stable installation of the waterplay elements, additional (e.g. circular or ring shaped) concrete foundations are necessary. Their dimensions (especially the depth) depend on the soil conditions on site. The waterplay elements can be connected to the foundations either by using concrete dowels or by the stone bolts provided.

View from the left side

Install screw pump with an inclination of 45° to 50°



Installation

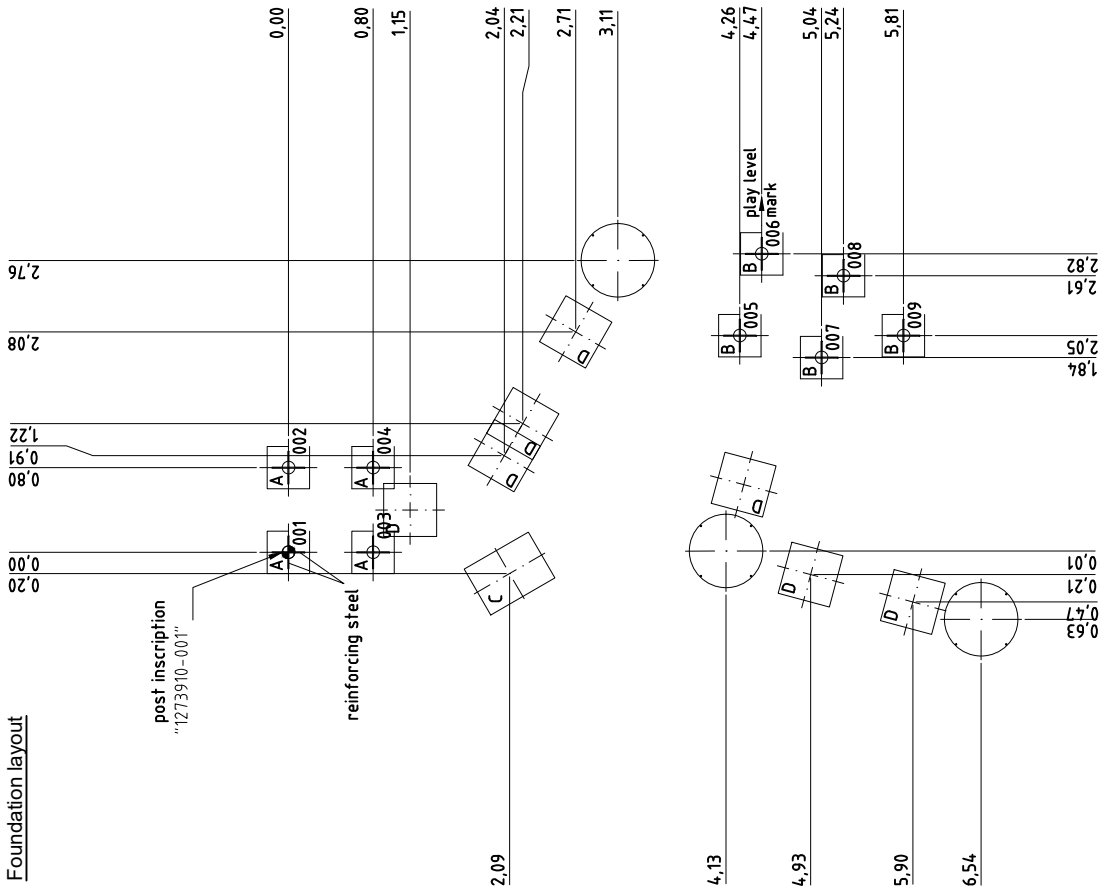
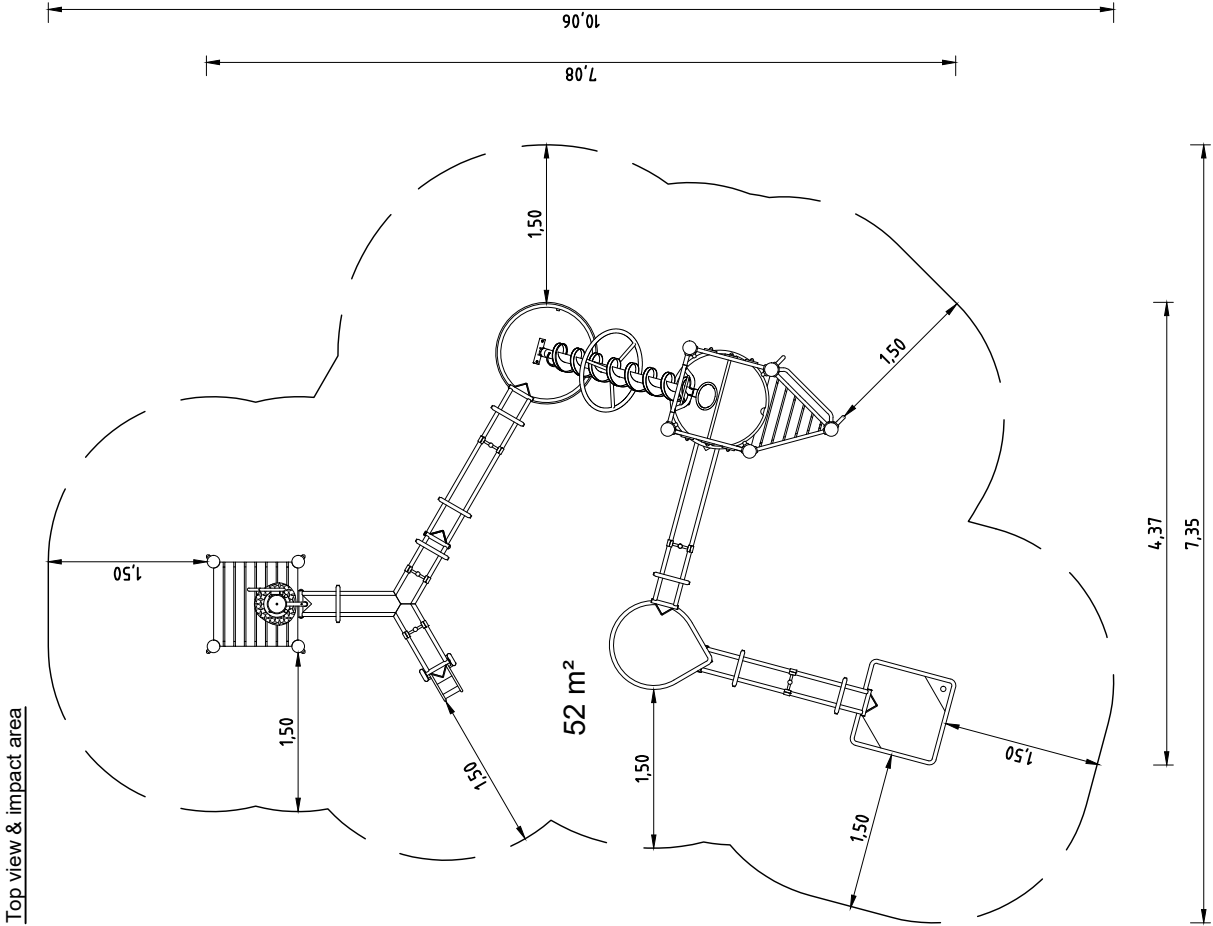
Item No.
034330500/700

Description
Water play structure

Scale
-

Date
12/24 Eb

Page
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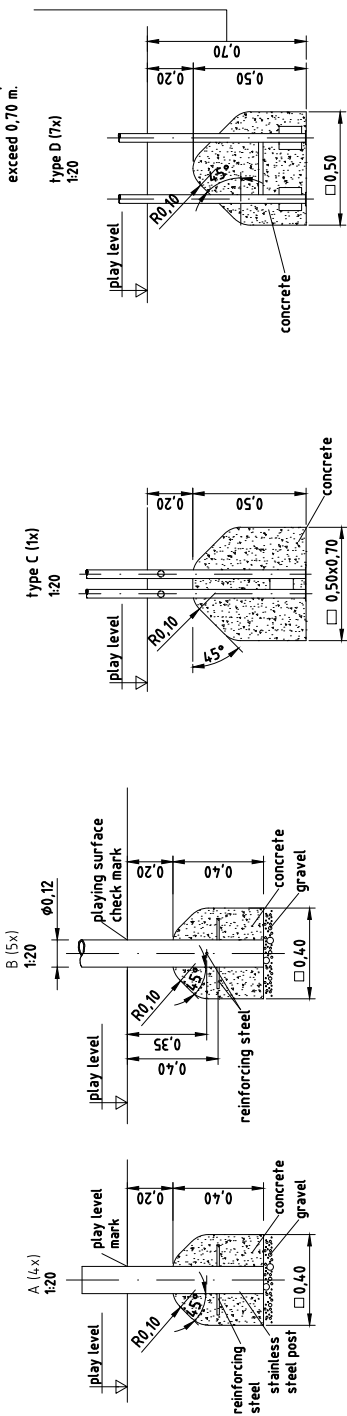


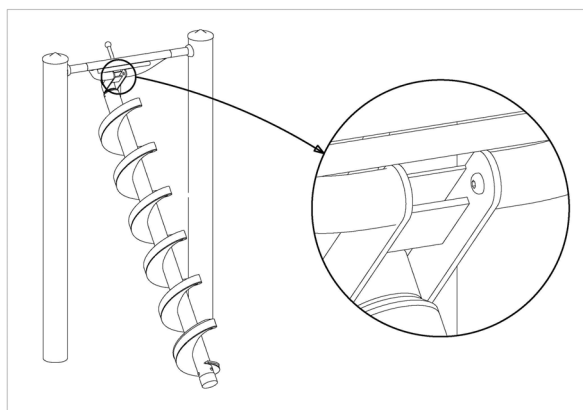
According to the foundation layout, some foundations converge or overlap slightly which permits to connect them.

foundations (on site)
9x 0.40 x 0.40 x 0.40 m
7x 0.50 x 0.50 x 0.50 m
1x 0.50 x 0.50 x 0.70 m

(approximate) concrete needs
1,7 m³

Minimum installation depth.
Depending on the trough
depth required, the
foundation depth can
exceed 0,70 m.





2 x SFXS1260004 Screw pump fixing to RS120 junction

per set	total	item no.	material short text
1	2	3400673	Dome head screw M8x20 A2 Security Torx TR40

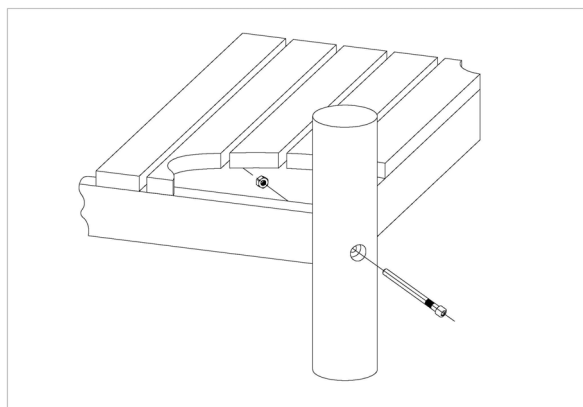
1 x SFWZ0000001 Security TORX wrench TR40

per set	total	item no.	material short text
1	1	3490081	Allen key security TORX TR40



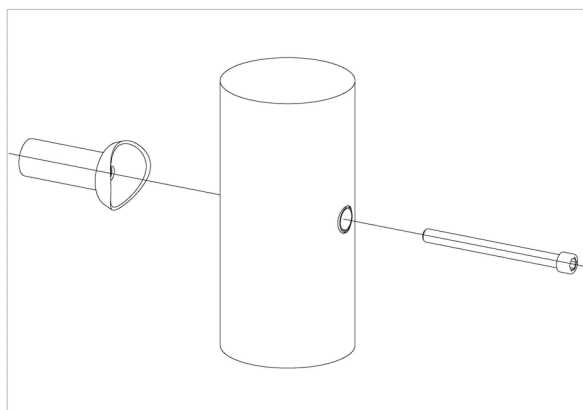
1 x SFWZ0000002 Security TORX wrench TR45

per set	total	item no.	material short text
1	1	3490033	Allen key security TORX TR45



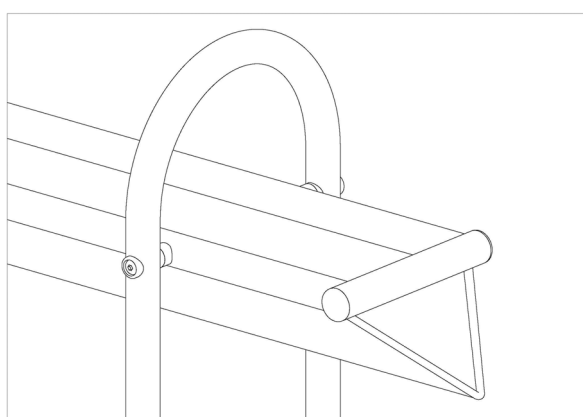
7 x SFES1200001 Platform fastening to stainless steel post, nut on the side of the platform

per set	total	item no.	material short text
1	7	3430021	Lock nut M12 DIN985 A2
1	7	2030651	Cheese head screw with pin M12 x 125



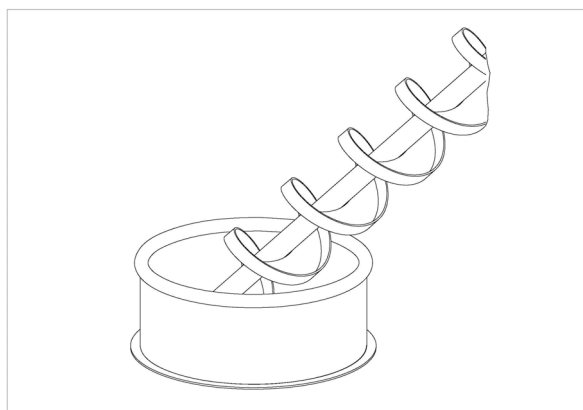
28 x SFES1210001 Standard bolting of attachment parts
(except platforms) to stainless steel posts

per set	total	item no.	material short text
1	28	2030168	Cheese head screw with pin M12x140



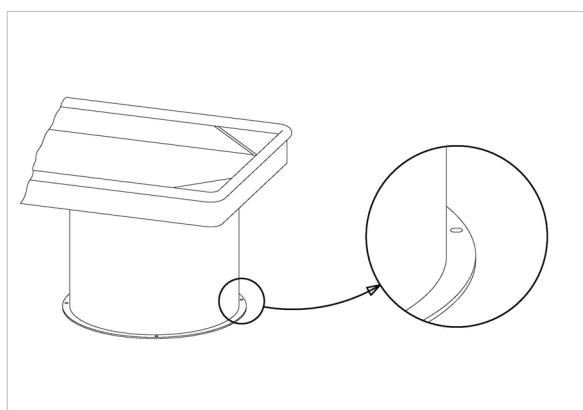
14 x SFXS1040006 Water trough (S) at support

per set	total	item no.	material short text
1	14	3400286	Dome head security screw-M10x50-Resistorx T45 A2



2 x SFXS1040009 Screw pump fixing to bottom basin

per set	total	item no.	material short text
1	2	3430011	hexagon cap nut M10 DIN986 A2

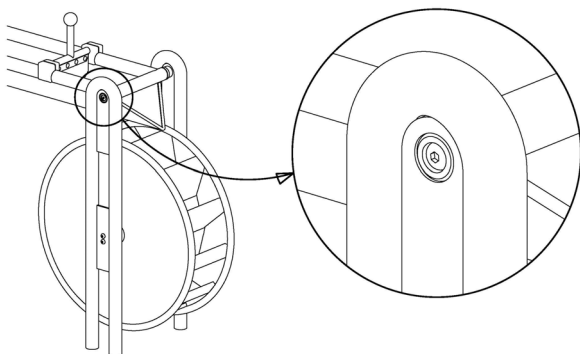


12 x SFXS1040011 Cylinder base plate fastening to foundation

per set	total	item no.	material short text
1	12	1040272	Fastening set water play equipment M10x160 A2

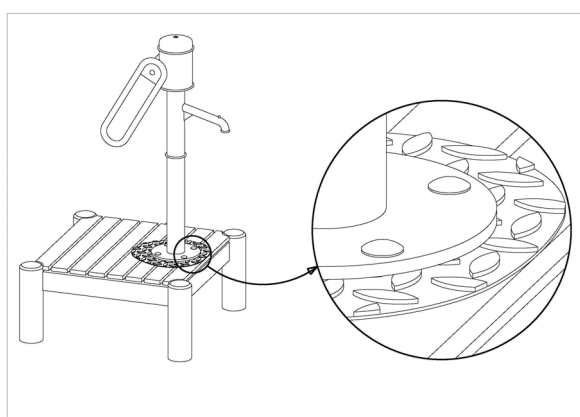
2 x SFXS1040013 Water trough (S) to support of water wheel

per set	total	item no.	material short text
1	2	3400195	Dome head security screw-M10x30-Resistorx T45 A2



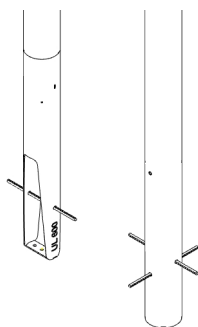
4 x SFXS1260001 Water pump fastening to platform

per set	total	item no.	material short text
1	4	3400249	Mushroom head screw M12 x 60 DIN603 A2
1	4	3430025	washer Ø 13 DIN125 A2
1	4	3430051	Hexagon cap nut M12 DIN 986 A2



18 x SFAS1270001 reinforcing steel bar for posts

per set	total	item no.	material short text
1	18	2130000	reinforcing steel Ø 10 x 310 DIN 488



1 x SFWZ0000012 lubricating metal (30 g box) incl. brush

per set	total	item no.	material short text
1	1	5200026	brush for lubricating metal
1	1	5300039	lubricating metal box 30g





1 x SFWZ0000009 Hexagon insert socket driver 10mm 1/2"
with borehole for Pin

per set	total	item no.	material short text
1	1	2030170	Hexagon insert socket driver 10 mm 1/2"