

- Assign a device location considering the space requirements (impact area). Slide direction recommended: north-east or in half-shade of trees.
- 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 type A (see foundation layout) into the respective foundation hole, according to the corresponding number. 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 respective hole in the mounting brackets (according to chart).

Tighten all screws after having aligned all components.

Install the slide exit with an inclination of 5° in sliding direction. 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 requirements 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). The run-out section fall zone must have surfacing with a critical fall height of at least 1000 mm (acc. to EN 1176-3).
- 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.

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.

Necessarily insert all attachment parts before tightening the screws. It is NOT possible to insert them afterwards.

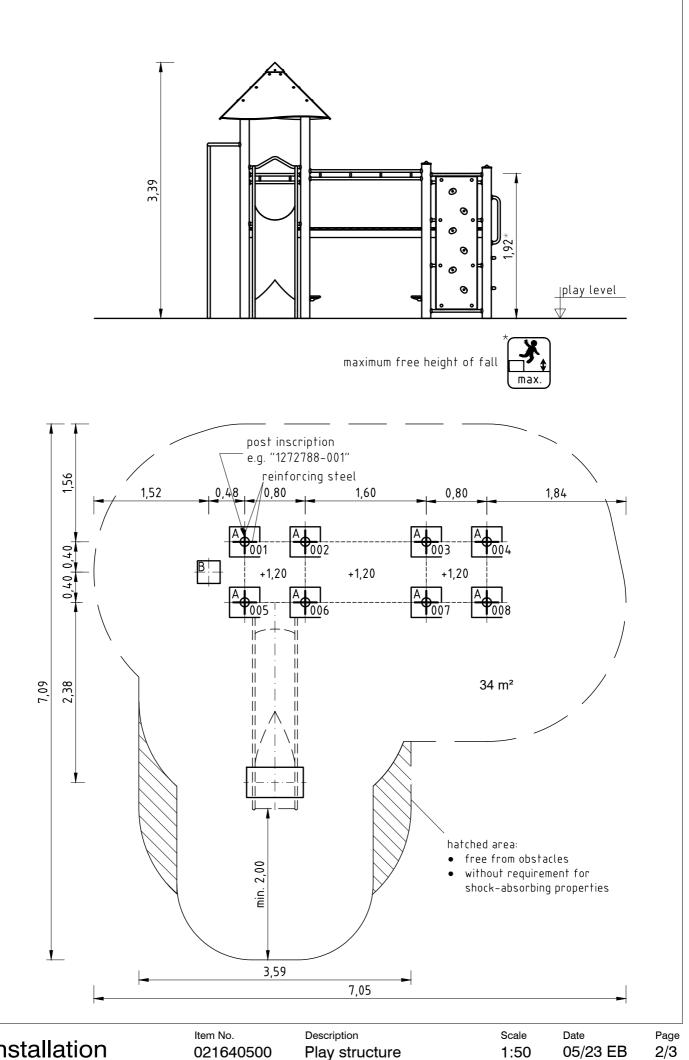
Item No. **02164** Description

Play structure

Scale 1:50

Date 05/23 EB

Page 1/3



Installation

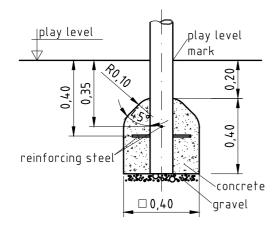
021640500

Play structure

1:50

05/23 EB





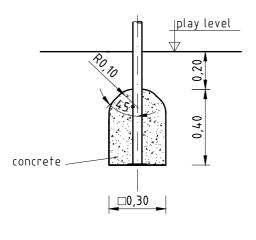
platform orientation

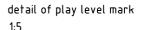
1:100

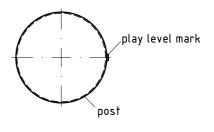
chart for platform fastenings

	fastening hole		
platform No.	top	middle	bottom
1		х	
2	Х		
3		Х	

type B 1:20





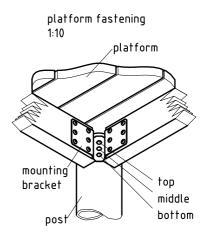


type C
1:20

play level

oncrete

0,40x0,75



1292049

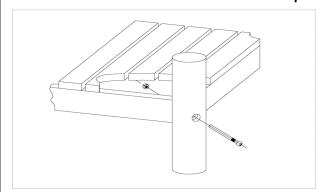


021640500 Item: Order:

Play structure

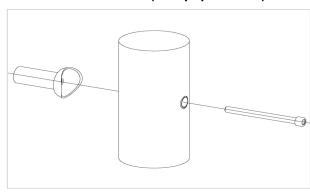
Location: **Building Project:**

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



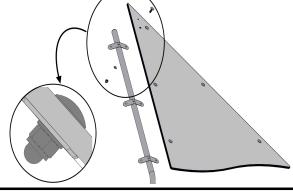
per SC	Total	K&K-Item	Marking
1 x	12 x	3430021	Lock nut M12 DIN985 A2
1 x	12 x	2030651	Cheese head screw with pin M12 x 125

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



ре	r SC	Total	K&K-Item	Marking
1	Х	48 x	2030168	Cheese head screw with pin M12x140

24 x SFAS1240029 HPL panel fastening to roof pipe support



per SC	Total	K&K-Item	Marking
1 x	24 x	3430011	hexagon cap nut M10 DIN986 A2
1 x	24 x	3430014	Washer Ø 10,5 DIN125 form B A2
1 x	24 x	3400138	mushroom head screw square neck M10x30 DIN 60

Roof hood fastening on HPL panels 4 x SFAS1240032





per SC	Total	K&K-Item	Marking
1 x	4 x	3430102	Washer Ø 8.4 DIN9021 A2
1 x	4 x	3400673	Dome head screw M8x20 A2 Security Torx TR40

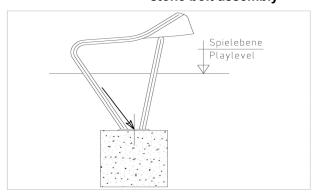
1292049



021640500 Item: Order:

Play structure Location: **Building Project:**

2 x SFXS1070006 Slide run-out section (up to 2,00 m) on foundation stone bolt assembly



per SC	Total	K&K-Item	Marking
1 x	2 x	1070365	Set of stone bolts for slide run-out section M12x160

8 x SFES1270001 Reinforcing steel for stainless steel posts



1	per SC	Total	K&K-Item	Marking
	2 x	16 x	2130000	Reinforcing steel Ø 10 x 310 DIN 488

1 x SFWZ0000001 **Security TORX wrench TR40**

per SC	Total	K&K-Item	Marking
1 x	1 x	3490081	Allen key security TORX TR40



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



per SC	Total	K&K-Item	Marking
1 x	1 x		Hexagon insert socket driver 10 mm 1/2" with drill hole for Pin

Kaiser & Kühne Freizeitgeräte

1292049 021640500 Item: Order:

Play structure

Location: **Building Project:**



′.				
	per SC	Total	K&K-Item	Marking
	1 x	1 x	5300039	Lubricating metal box 30g
	1 x	1 x	5200026	Brush for lubricating metal