

1. Assign a device location considering the space requirements (impact area). Slide direction recommended: north-east or in half-shade of trees.
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 type A and B (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 both posts type B 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 platform and posts by using the middle hole in the mounting brackets.

**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.

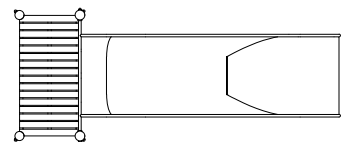
We recommend not to insert the protection caps enclosed before first maintenance as they are only suitable for one-time use (see description in item No. 9).

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. Afterwards cover the screw heads with the top part of the protection caps. Strongly pound them (e.g. by using a plastic mallet) until they audibly snap into the base part groove.

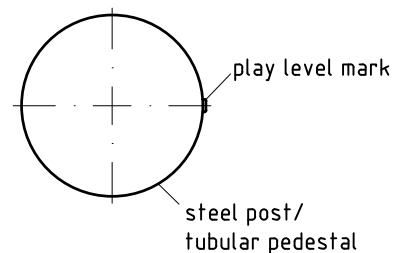
Please ensure that all special tools supplied (e.g. Allen key for secured Allen screws etc.) and all specific documents which are or may be useful for safety management acc. to EN 1176-7 (e.g. invoice, delivery note, order acknowledgement, installation instructions, maintenance instructions) are forwarded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

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

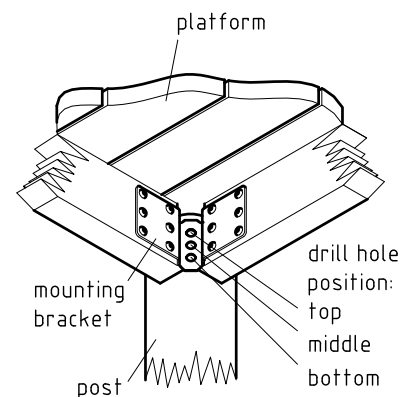
platform orientation  
1:100



detail of play level mark  
1:5



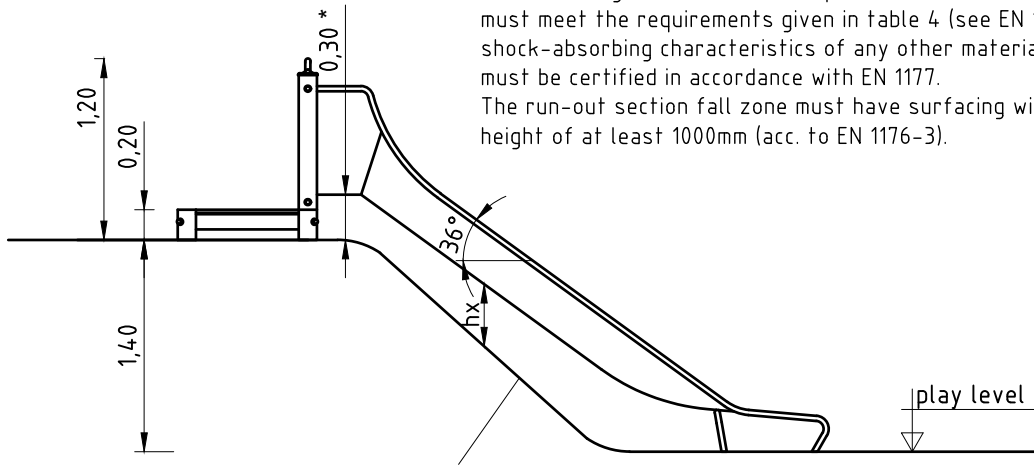
platform fastening  
1:10



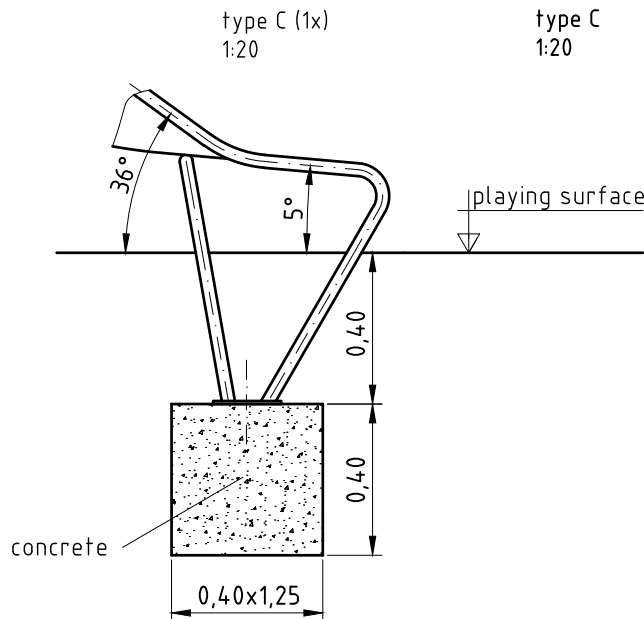
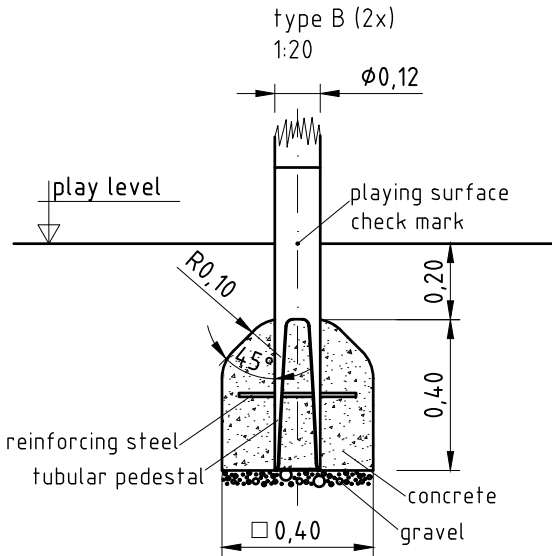
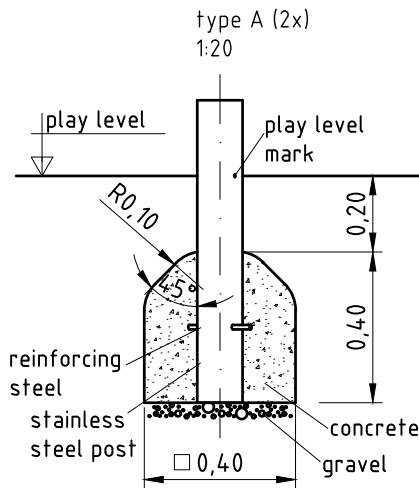
\* max. free height of fall at slide entrance. Depending on the site profile, the free fall height (hx) and the size of the impact area result from the vertical distance between the bottom of the chute and ground level.

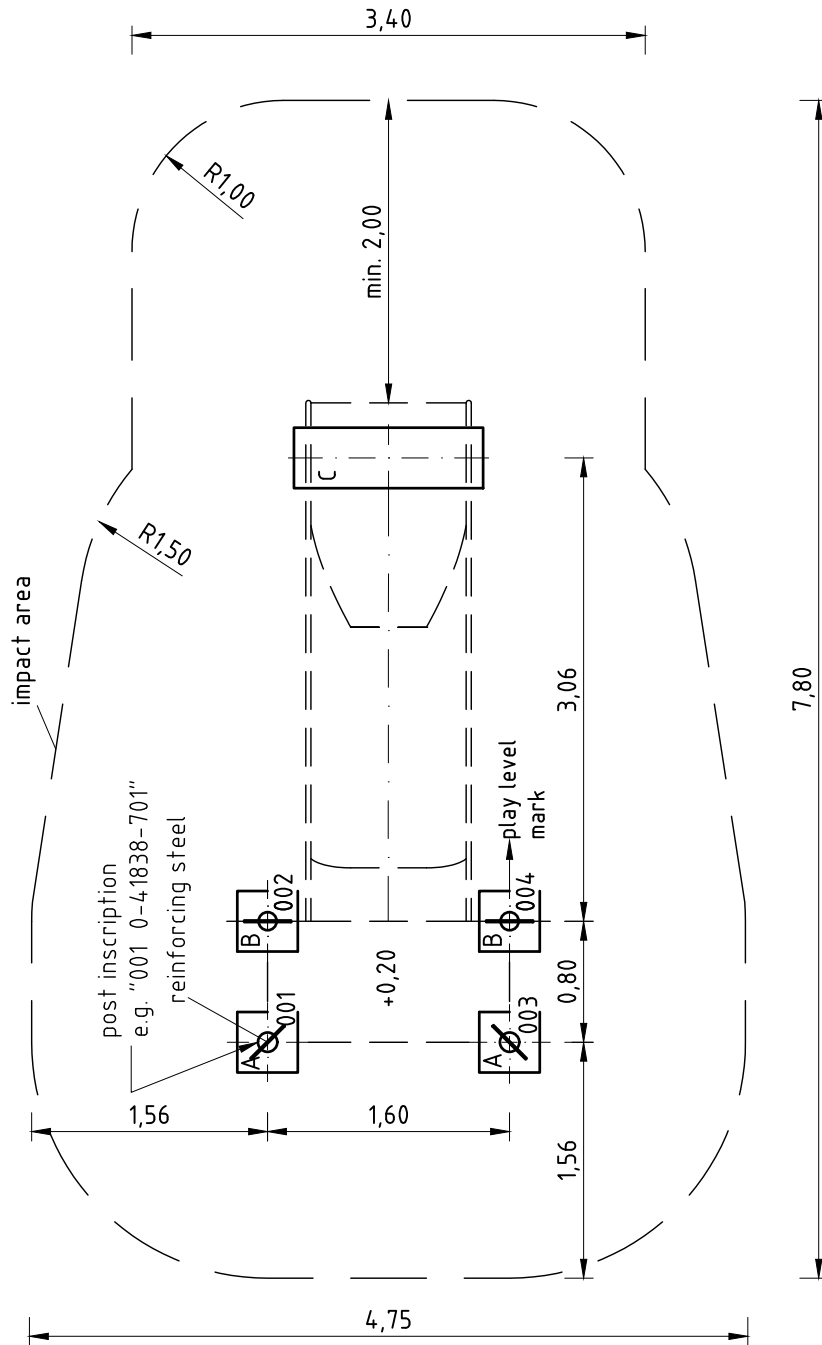
The surfacing material for the impact area within the sliding section must meet the requirements given in table 4 (see EN 1176-1). The shock-absorbing characteristics of any other material to be chosen must be certified in accordance with EN 1177.

The run-out section fall zone must have surfacing with a critical fall height of at least 1000mm (acc. to EN 1176-3).



Exemplary course of the hill, please consider planning specifications on site





# Installation




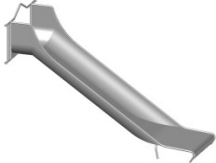
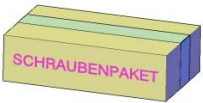
Item No.  
0-41836-701

Description  
K&K Wide slide (1,60)  
with platform (0,20)

Scale  
1:50

Date  
12/18 EB

Page  
3/3

<u>Parts list</u>		041836701	GB
item no.	quantity	description	image
1272086	2	all-purpose steel post 200 mm above play level	
	2	Laminated Robinia post Ø 120 with protective post cap and tubular pedestal, short length= 600 mm / with bottom cut-outs	
1200001	1	rectangular platform 0,80 m x 1,60 m	
041449001	1	K&K Wide attachment slide (1,60)	
1291352	1	fastening kit for (hill) slides with platform	

Item: **041836701**

Order:

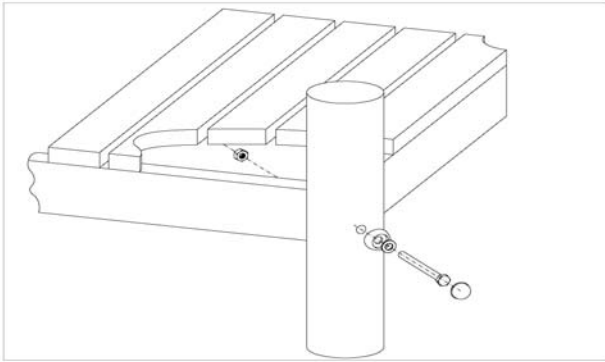
1291352

K&K Wide slide (1,60) with starting platform 0,20

Location:

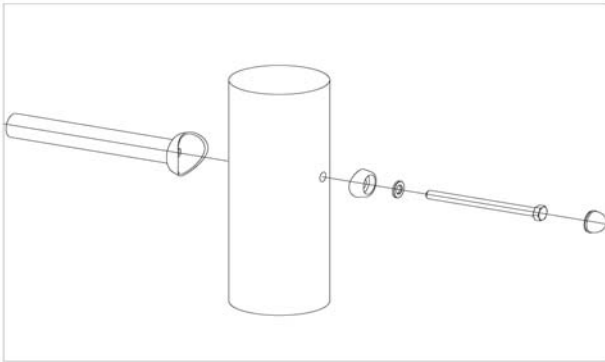
Building Project:

**4 x SFES1200014 Platform at stainless steel post/tubular support (Hexagon screw with red cap/nut platform-site)**



per SC	Total	K&K-Item	Marking
1 x	4 x	3430025	Washer Ø 13 DIN125 A2
1 x	4 x	3300055	red protective screw cap - upper part, domed M12
1 x	4 x	3300054	red protective screw cap - lower part, domed M12
1 x	4 x	3430021	Lock nut M12 DIN985 A2
1 x	4 x	3400363	Hexagon head cap screw M12 x 150 DIN931 A2

**4 x SFRS1210001 Standard bolting of barriers, handrails, slides to Robinia posts**



per SC	Total	K&K-Item	Marking
1 x	4 x	3300055	red protective screw cap - upper part, domed M12
1 x	4 x	3300054	red protective screw cap - lower part, domed M12
1 x	4 x	3430025	Washer Ø 13 DIN125 A2
1 x	4 x	3400702	Hexagon head cap screw M12 x 160 DIN931 A2 with screw security coating FGB red

**2 x SFRS1270002 Reinforcing steel for stainless steel posts**



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

**2 x SFES1270007 Reinforcing steel for tubular pedestals**



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

Item: **041836701**

Order:

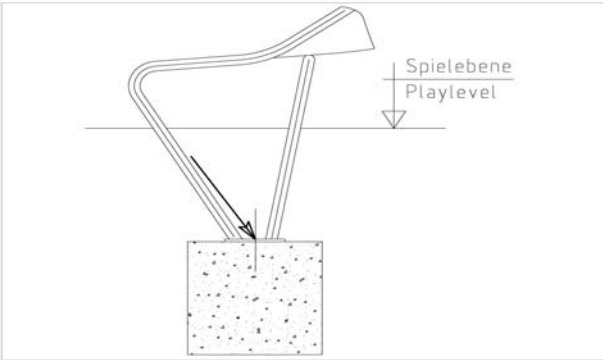
1291352

K&K Wide slide (1,60) with starting platform 0,20

Location:

Building Project:

**1 x SFAS1070006 Slide run-out section (up to 2,00 m) on foundation stone bolt assembly**



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

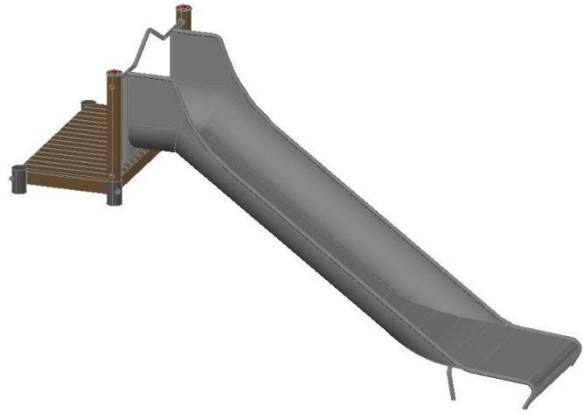
**1 x SFWZ0000014 Lubricating metal, bag (4g)**



per SC	Total	K&K-Item	Marking
1 x	1 x	5300024	Metaflux fitting lubricant 2x4 g

# Instructions for maintenance

In addition to the manufacturer-related service instructions, we strongly advise the operator/owner to consider the corresponding prescriptions of the European Standard EN1176-7.



## K&K Wide slide (1,60) with starting platform

**041836701 0,20**

### One-time maintenance



Check all screw connections; retighten, if necessary.  
Cover screw heads with the protective screw caps furnished.

once,  
approx. 4-5 weeks after installation

Recommended regular inspection and maintenance		once a week	twice per month	once a month	four times a year	twice a year	once a year
<input checked="" type="checkbox"/>	Where appropriate, clean playing sand	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Check cleanliness of playing and safety area. Remove any foreign object	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Check cleanliness of sliding surfaces, remove protruding parts, exchange damaged sliding course coverings	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	In case of drying cracks, remove splinters of wood and chamfer sharp edges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Where appropriate, check synthetic surfacing material for damages or severe wear, repair or replace, if necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Check tightness of stand construction: stability of (vertical) posts or supports, retighten screw connections, if necessary.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Check further structural components for wear and tightness; retighten, if necessary and replace defective parts.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Check tightness/stability of the connection between stainless steel support and laminated timber post, replace post, if necessary.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Check foundations and structural construction for corrosion or decay, repair or replace if necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Please note: The above-mentioned maintenance intervals only have recommendatory character. They must necessarily be adapted to the local circumstances of each playground (frequency of use, social setting, risk and frequency of vandalism etc.).**