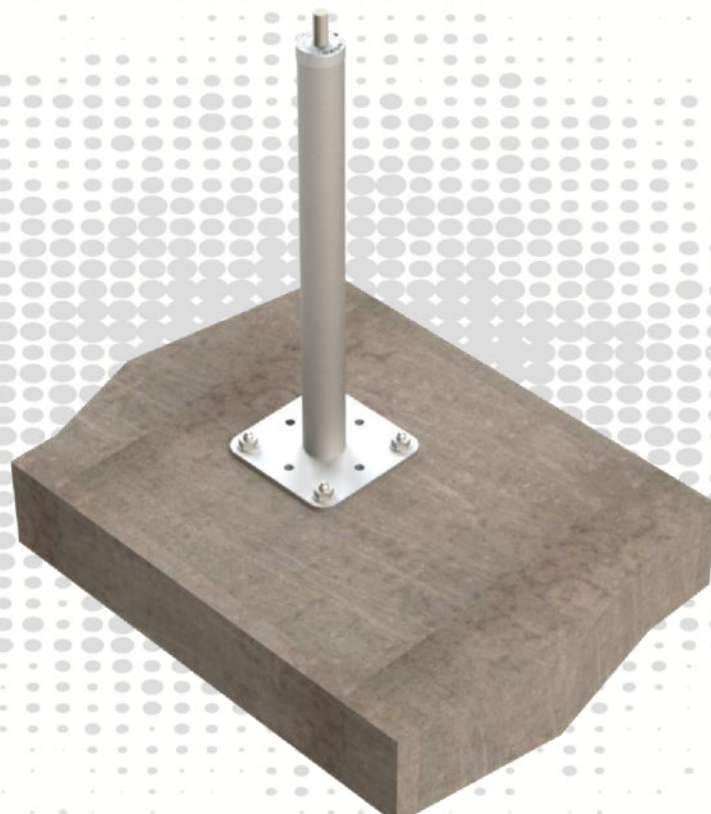




## GRÜN SYS VARIANT BD



### TOOLS

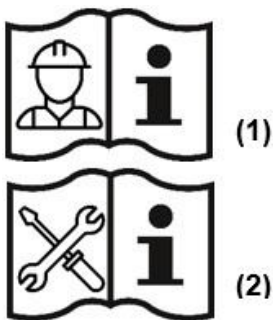


#### ATTENTION:

When using the anchor device, observe the GRÜN safety instructions.  
When mounting the anchor device, observe the assembly instructions.

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| Abbreviations | Meaning                                          |
|---------------|--------------------------------------------------|
| EAE           | Einzelanschlageinrichtung (Single anchor device) |
| SYS           | Seil - <b>S</b> ystem (Lifeline system)          |
| BEF           | <b>B</b> efestigungsset (Fixing set)             |
| ZUB           | <b>Z</b> ubehör (Accessories)                    |

### ATTENTION:

To use the anchor device, observe the GRÜN safety instructions **(1)**.  
To attach the anchor device, observe the installation instructions **(2)**.

**Only the installation instructions from GRÜN apply.**

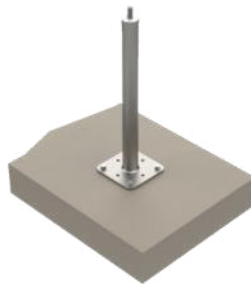
**Only the fixing materials supplied by GRÜN are permitted to be used.**

**Do not replace individual parts.**

## 1 Utilisation variants



**GRÜN SYS VARIANT BD**



**GRÜN SYS VARIANT BS**

### **SET**



**GK VARIANT**



**BEF VARIANT BD**

### **SET**



**GK VARIANT**



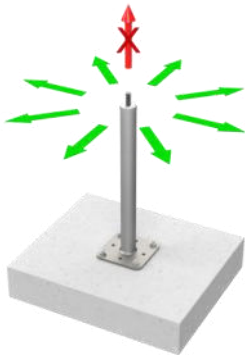
**BEF VARIANT BS+HS**

## 2 Technical data

### Product specifications:

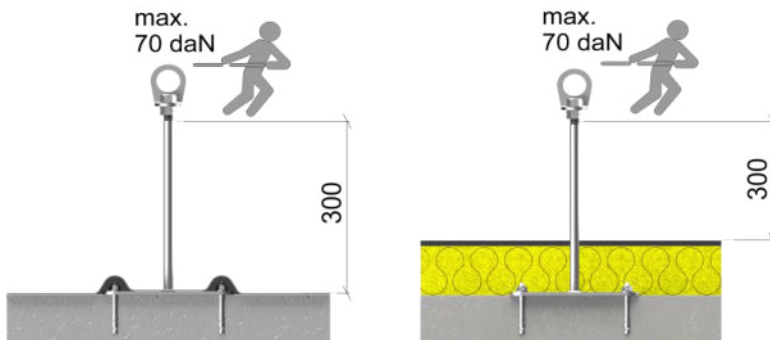
| Requirement                                               | Test centre                                                                                                                                      | Marking                                                                             | User                                                                                 |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>VARIANT BD</b><br>DIN EN 795:2012<br>CEN/TS 16415:2017 | DEKRA Testing and Certification GmbH<br>Persönliche Schutzausrüstung/Personal Protective Equipment<br>Dinnendahlstr. 9<br>44809 Bochum - Germany |  |   |
| <b>VARIANT BD</b><br>aBG Z-14.9-977                       | Deutsches Institut für Bautechnik (DIBt)<br>Kolonnenstr. 30 B<br>10829 Berlin - Germany                                                          |                                                                                     |   |
| <b>VARIANT BD</b><br>ETA-24/0041                          | Deutsches Institut für Bautechnik (DIBt)<br>Kolonnenstr. 30 B<br>10829 Berlin - Germany                                                          | CE <sub>24</sub>                                                                    |   |
| <b>VARIANT BS</b><br>DIN EN 795:2012<br>CEN/TS 16415:2017 | GRÜN GmbH Spezialmaschinenfabrik<br>Siegener Str. 81-83<br>57234 Wilnsdorf - Germany                                                             |                                                                                     |  |

### Load direction:



|                        |                       |
|------------------------|-----------------------|
| Standard height:       | 300mm bis 600mm       |
| Special lengths:       | 200, 700mm bis 1000mm |
| Material:              | Edelstahl A2          |
| Foot plate dimensions: | 160mm x 160mm         |
| Hole pattern:          | 120mm x 120mm - ø14mm |

### Free support projection:



The substrate must be part of the basic static structure.  
In case of doubt, this must be checked by a structural engineer.

## Assembly specifications according to EN795

EN 795

### 3 Assembly specifications EN 795

#### 3.1 Substrate requirements

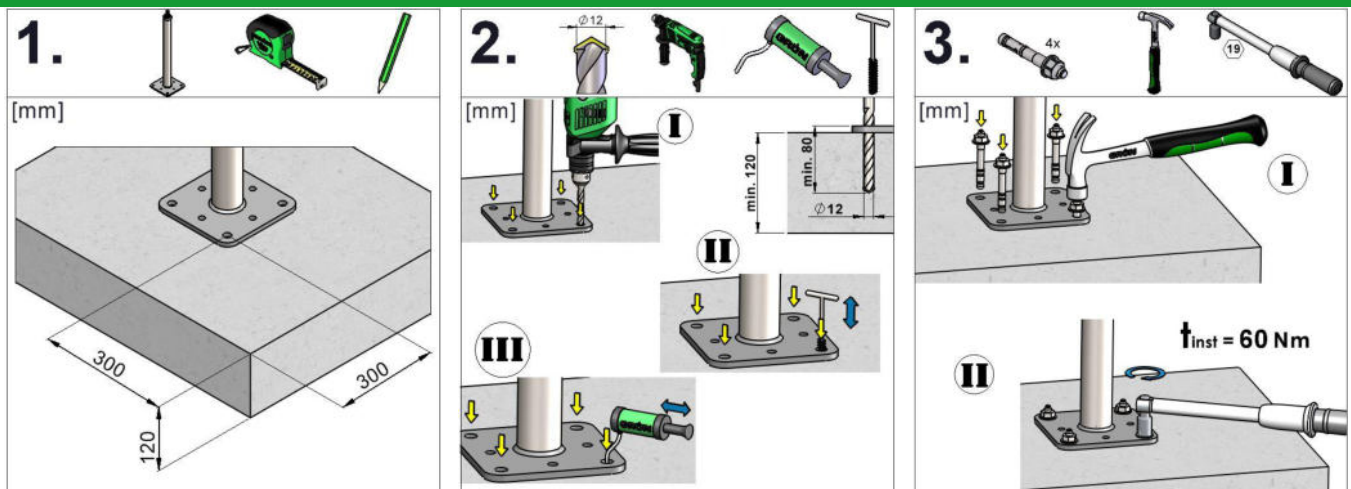
Installation must be carried out on suitable subfloors with adequate strength.

GRÜN recommendation:

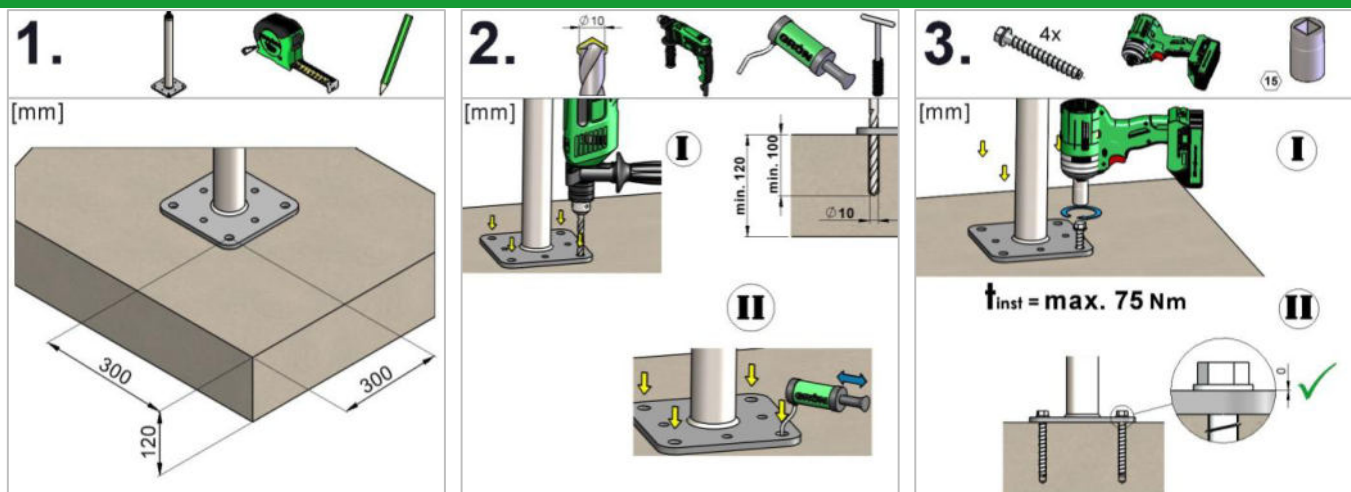
| Subfloor                                           | Dimensions                  |        |
|----------------------------------------------------|-----------------------------|--------|
| Concrete, non-cracked and cracked<br>(min. C20/25) | Minimum component thickness | 120 mm |
|                                                    | Minimum edge distance       | 300 mm |

#### 3.2 Structure and assembly of the anchor device

##### GRÜN SYS VARIANT BD



##### GRÜN SYS VARIANT BS



■ Assembly specifications according to ETA und DIBt

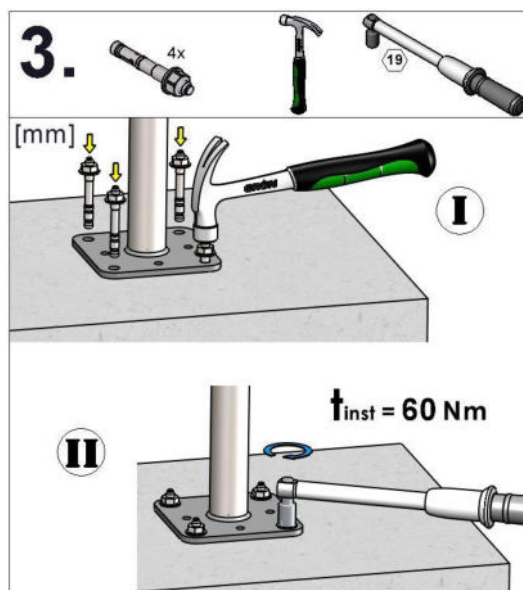
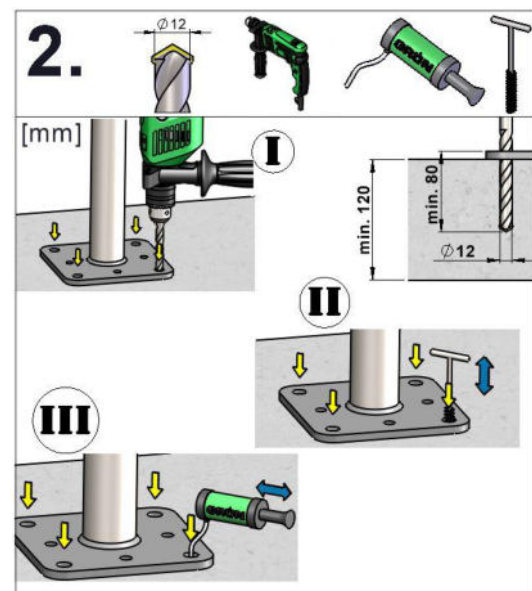
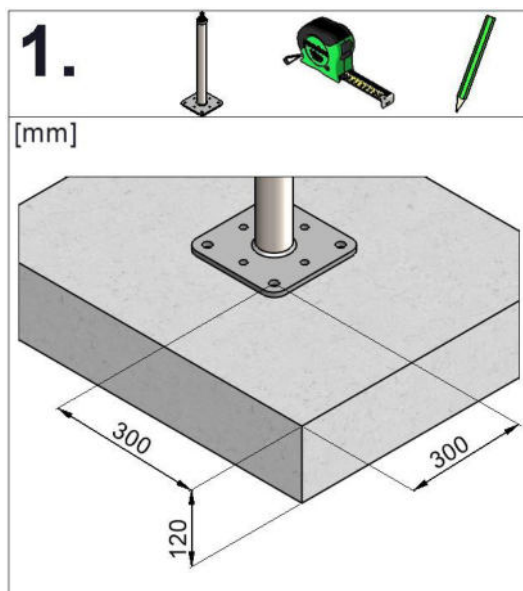


## 4 Assembly specifications ETA und DIBt

### 4.1 Substrate requirements

| Subfloor                                           | Dimensions                  |        |
|----------------------------------------------------|-----------------------------|--------|
| Concrete, cracked and non-cracked<br>(min. C20/25) | Minimum component thickness | 120 mm |
|                                                    | Minimum edge distance       | 300 mm |

### 4.2 Structure and assembly of the anchor device



## 5 Documentation

The installer is obliged to document the installation, including photos of details that will no longer be visible.

Installation documentation and maintenance documentation form available at:  
(<https://gruen-gmbh.de/de/absturzsicherung/downloads/>)



Digital documentation with GRÜN DOKU possible at:  
(<https://documentation.gruen-gmbh.de>)



## 6 Product labelling

### Type plate



Example illustration of labelling

- |   |                                                         |   |               |
|---|---------------------------------------------------------|---|---------------|
| ① | Manufacturer / Utilisation                              | ④ | Max. users    |
| ② | Product name                                            | ⑤ | Serial number |
| ③ | Observe installation instructions & safety instructions |   |               |

### Swivel eye (anchorage points)



Example illustration of labelling

- |   |               |
|---|---------------|
| ④ | Max. users    |
| ⑤ | Serial number |

- If the labelling of the anchorage device is no longer accessible/recognisable after installation, additional labelling must be provided in the vicinity.

MA\_VARIANT\_BD\_BS\_en\_26\_01

**GRÜN**

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