

**Twin Anchor DW15 „standard“** Axle Dist. 30 cm Art. No. 501504 G

DW 15 permiss. Load P 45° : 2 x 85 kN at concrete pressure strength 17 N/mm<sup>2</sup>  
2 x 95 kN at concrete pressure strength 30 N/mm<sup>2</sup>

**Solo Anchor DW15 „standard“** Art. No. 501502 G

DW 15 permiss. Load P 45° : 1 x 85 kN at concrete pressure strength 17 N/mm<sup>2</sup>  
1 x 95 kN at concrete pressure strength 30 N/mm<sup>2</sup>

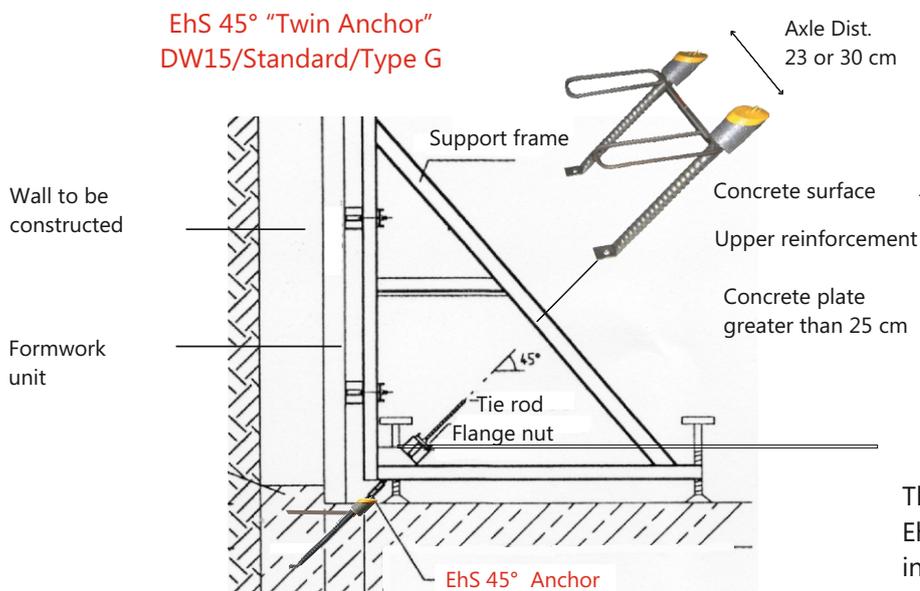
These values were confirmed by tension test at 45° angularity  
at MPA NRW / Test Report No. 21 0686 0 98



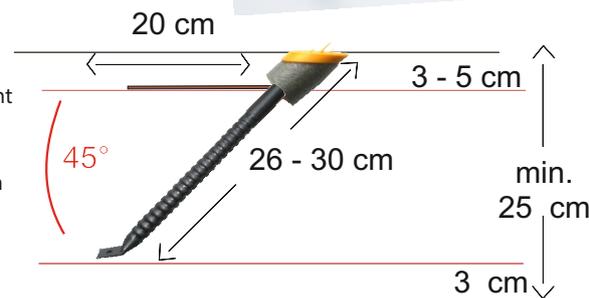
Please observe the necessary concrete pressure strength for the load required. Universal load performance specifications cannot be made, since these depend on the individual installation situations:  
concrete quality - age, temperature, retarder or accelerator !

## A General Instructions

Cross-section diagram for use of EhS 45° Anchors



EhS 45° „Solo Anchor“  
DW15/Standard/Type G



The installation of the EhS 45° „Solo Anchor“ DW15 is carried out in the same manner and dimension. Care for its special perm. load!

- 1.) For details of the measuring points refer to the respective application instructions from the manufacturers of the support frames.  
A plumb-line or straight edge helps to facilitate the measurement.  
Place the "EhS Anchor" into its fixture position in the reinforcement, use the assembly bow to align on the upper reinforcement and fasten.  
Differences in the reinforcement level can be compensated using concrete spacers.
- 2.) Put care into sufficient vibrating.
- 3.) Anchor the support frame with tie rods of sufficient length. Ensure that these are screwed in completely.  
Use markings along the length for control purposes. Check the rods for faultless condition, do not heat, deform or grease them!
- 4.) After achieving the necessary concrete pressure strength pour in the concrete into the wall formwork - care for a moderate casting rate.

→ section B

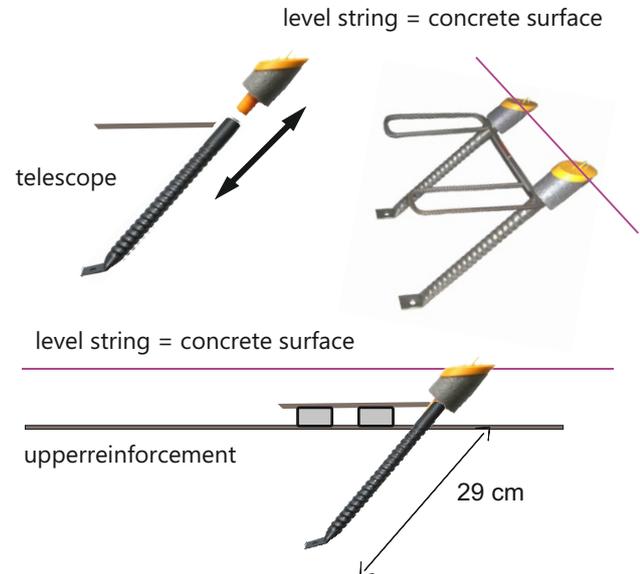
**B** **Standard version** for assembly in ready grinded concrete floor plates.  
Thickness greater than 25 cm for installation of Anchors DW15



The "EhS Anchors" are supplied with a PE-45° Recess  
- ready for application to concrete cover 30 mm - 50 mm

1.) Operation phases see page 1, A 1.)

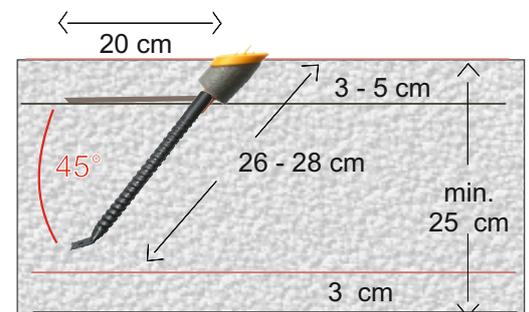
Insert PE-45° Recess onto sleeve, adjust it for the concrete cover requested.  
Ensure that the underside of the recess seals with the end of the sleeve.



For concrete cover of more than 50 mm:  
Additional Fibre Concrete Spacers with the requested measurement can be tied between assembly bow and upper reinforcement.

2.) The anchor point is ready for concreting.  
Screed board and power float can be applied.

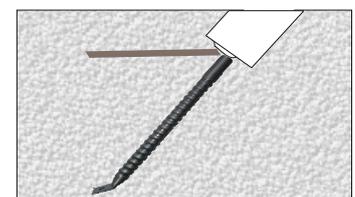
The indicator and coloured surface care for quick recognizing !



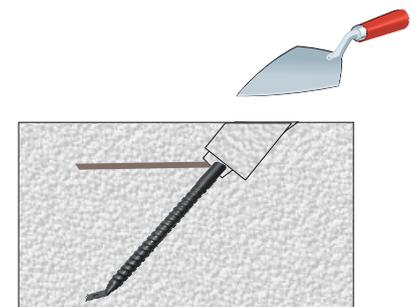
3.) When concrete surface is open for access  
remove PE-45° Recess using a plier.

The tie rod now can be screwed into the anchor sleeve.

Operation phases see pages 1, A 3.) and 4.)



4.) After dismantling the formwork system refill the space  
with filling compound and grind if needed.



## C Application in wall formwork - concrete cover 30 - 50 mm

For reanchoring suspension frames in the area of slab openings respectively suspension frames assembled on supports.

Anchorage "EhS" provided with

PE-45° Recess



- 1.) Enmeasure anchor point.  
For details refer to the respective application instruction from the support frames producer.
- 2.) Insert the Anchorage " EhS" into the reinforcement.  
Care for evenly tight position of the assembly bow and tie it to the reinforcement.  
When closing the formwork the PE-45° Recess will be tightened to the formwork panel.
- 3.) Pour in concrete. Strip formwork after achieving concrete pressure strength requested.
- 4.) Before screwing in thread rods remove the PE-45° Recess using pincers. The anchor point is ready. Screw in the tie rod and assemble the suspension frame as usual. Ensure that it is screwed in completely. Use markings along the length for control purposes. Check the rods for faultless condition, don't heat, deform or grease them.
- 5.) After achieving the concrete property required pour in the concrete. Care for a moderate casting rate.
- 6.) After stripping the formwork refill the space with compound, scrape and grind it if requested.

