



Cone Plug with Double-Headed Nail
pre-assembled, with four markings in 90° angularity for accurate positioning






fitting tube 35 mm threadless
simplifies thread rod screwing

material non corrosive, ecological harmless

Tensile load permitted: F_n 26,3 kN at concrete compressive strength 17 N/mm²

IFBT GmbH
Prüfbericht
Nr. 06-117

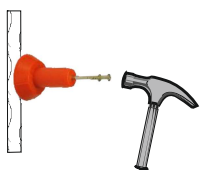
including safety factors according ETAG-001

		order number	pcs/unit
	Formwork Anchor GFK DW15 / L 12,5 cm	401512	unit: 100 pcs
	Cone Plug Ø 42 mm, for installation in wood formwork concrete cover 12 mm, assemblies with Double-Headed Nail 75 mm , zinc-plated, reuseable	401518	unit: 100 pcs
	Sealing Plug PVC Ø 31 mm	131518	unit: 100 pcs
	Facing Concret Cone Plug SBK 15/10 made of casted concrete optimal solution to exposed concrete construction	411510	unit: 1 pcs
	Cone Plug DW15 Stainless Steel made of 1.4301 for closing the anchorage, makes visual accents	411511	unit: 1 pcs

The use for mounting suspend scaffolds is not allowed!
Tensile Load: F_h permitted 26,3 kN / B25 / 17 N/mm²; F_h max 39,1 kN / B25 / 17 N/mm²

A - Installation to formworks

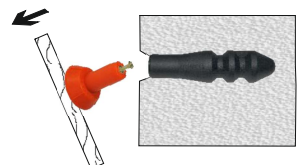
- 1 Inmeasure anchor point and nail Cone Plug (order number 401518) to formwork panel using provided double head nail. Edge distance minimum 10 cm



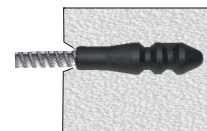
- 2 Stick on anchor to cone plug's socket. Tie it to reinforcement if required. Position is now ready for concrete casting.



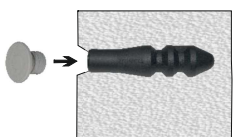
- 3 When required concrete proberthy is achieved strip formwork. By that Cone Plug will be pulled of the anchor. The double head nail can be easily pulled out. Cone Plug and nail can be reused.



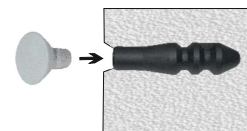
- 4 The Thread rod now can be screwed in conveniently due to anchor's threadless fitting tube.



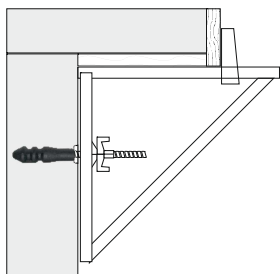
- 5 Sealing: using Sealing Plug PVC (order number 131518) The position can be finished with mortar and grinded on demand.



- 6 for exposed concrete construction use Concrete Cone Plug SBK 15/10 (order number 415110) for sealing in perfect optics

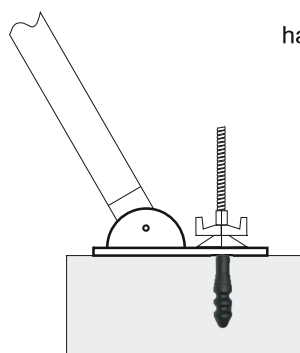
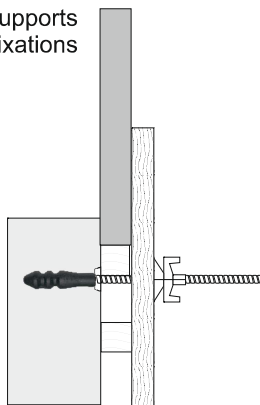


B - Applications



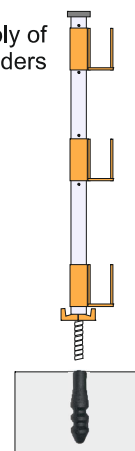
Fixation to slab stepend bars, trestless bars, angels, supports etc.

Unsiveral supports and fixations

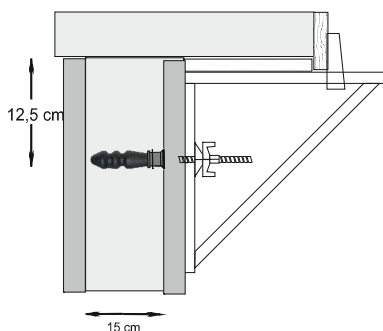


Fixation to push pull props for formwork elements

Assembly of handrail holders



Application to Hollowchamber Walls:



Operations before concrete casting:

1. Calibrate anchor position, edge distances minimum 12,5 cm.
2. Perform a drilling \varnothing 22 mm in correct position through the concrete shell.
3. Insert the GFK-HK into the hollowchamber to the bore hole and screw in a thread rod DW15 through the concrete shell. Care for screwing in full length.
4. Fix the bracket using a flange nut DW15. The GFK now is tightened to the inner side of the concrete shell and sealed against concrete foam.
5. The anchor position can already loaded now - before concreting - according to the shell's bearing.