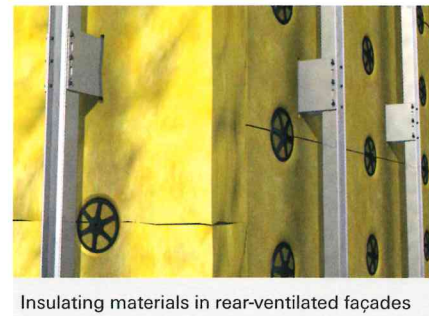


## The cost-effective plastic insulation support for all conventional insulating boards



Insulating materials in rear-ventilated façades



Insulating materials in rear-ventilated façades

### BUILDING MATERIALS

- Concrete
- Hollow block made from lightweight concrete
- Vertically perforated brick
- Perforated sand-lime brick
- Solid sand-lime brick
- Natural stone with dense structure
- Aerated concrete
- Solid block made from lightweight concrete
- Solid brick

### ADVANTAGES

- A small minimum anchorage depth reduces the amount of drilling required.
- The flexible 'pin wheel' design of the plate ensures sustained contact pressure against the insulating material.
- The quick and simple hammerset installation saves time and reduces the workload.
- The DHK 90 is coloured black so it does not stand out on black clad insulating materials.
- The DHK 45 is suitable for use in pressure-resistant insulating boards.

### APPLICATIONS

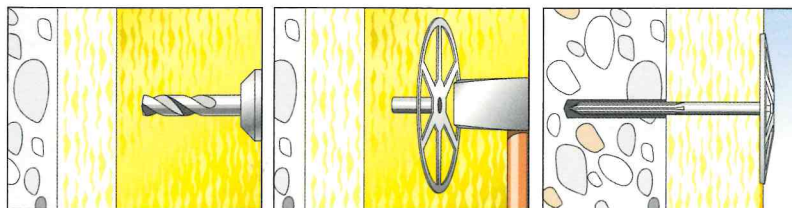
**To fix soft and pressure-resistant insulating materials in rear-ventilated façades, such as:**

- Mineral / glass wool
- PU panels
- Light building boards made of wood wool
- Cork boards / coir matting
- Polystyrene
- Foam glass boards

### FUNCTIONING

- The DHK is a push-through installation
- Select the correct fixing according to the compressive strength of the insulating material: DHK 45 for pressure-resistant; DHK 90 for soft insulating materials.
- The expansion of the ribs in the drill hole gives the DHK ideal contact pressure.
- Temperature range when installed: -40°C to +80°C.

### INSTALLATION



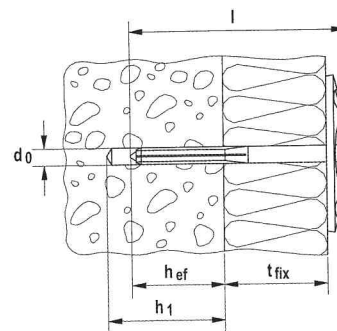
## TECHNICAL DATA



Insulation support **DHK 45**,  
plate-ø 45 mm



Insulation support **DHK**,  
plate-ø 90 mm



Items to order only		Drill hole diameter $d_0$ [mm]	Min. drill hole depth $h_1$ [mm]	Effect. anchoring depth $h_{ef}$ [mm]	Anchor length $l$ [mm]	Max. fixture thickness $t_{fix}$ [mm]	Sales unit [pcs]
Item	Art.-No.						
<b>DHK 40</b>	<b>080937</b>	8	35	20	65	40	250
<b>DHK 60</b>	<b>080938</b>	8	35	20	85	60	250
<b>DHK 80</b>	<b>080939</b>	8	35	20	105	80	250
<b>DHK 100</b>	<b>080940</b>	8	35	20	125	100	250
<b>DHK 120</b>	<b>080941</b>	8	35	20	145	120	200
<b>DHK 140</b>	<b>080949</b>	8	35	20	165	140	200
<b>DHK 160</b>	<b>512150</b>	8	35	20	185	160	100
<b>DHK 180</b>	<b>512151</b>	8	35	20	205	180	100
<b>DHK 200</b>	<b>512153</b>	8	35	20	225	200	100
<b>DHK 220</b>	<b>512154</b>	8	35	20	245	220	100
<b>DHK 45/40</b>	<b>080892</b>	8	35	20	65	40	250
<b>DHK 45/60</b>	<b>080893</b>	8	35	20	85	60	250
<b>DHK 45/80</b>	<b>080894</b>	8	35	20	105	80	250
<b>DHK 45/100</b>	<b>080895</b>	8	35	20	125	100	250

## LOADS

### Insulation support DHK

Highest recommended loads<sup>1)</sup> for a single anchor.

Type			DHK Nrec
<b>Recommended loads in the respective base material <math>F_{rec}</math><sup>2)</sup></b>			
Concrete	≥ C12/15	[kN]	0,03
Solid brick	Mz 12	[kN]	0,03
Solid sand-lime brick	KS 12	[kN]	0,03
Perforated sand-lime brick	KSL 6	[kN]	0,03
Vertically perforated brick	Hlz 12	[kN]	0,02
Aerated concrete	≥ PB2, PP2 (G2)	[kN]	0,02

<sup>1)</sup> Includes the safety factor 4.

<sup>2)</sup> Valid for tensile load.