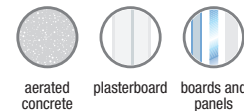


Vorpa HC

Universal lighth fixing for plasterboard



aerated concrete

plasterboard

boards and panels

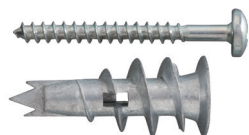
products group



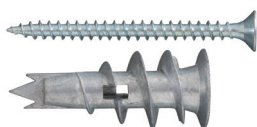
HC - L 31 mm
no accessories

- Suitable for
- aerated concrete
- plasterboard
- boards and panels

- To fix**
- skirting
 - lamps, paintings
 - curtains slide guides
 - bath accessories
 - profiles
 - convectors
 - information boards
 - motion sensors



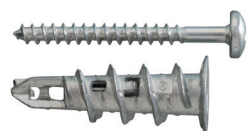
HC TC - L 31 mm
with cylinder head screw



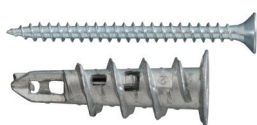
HC TSP - L 31 mm
with chipboard screw



HC - L 39 mm
no accessories



HC TC - L 39 mm
with cylinder head screw



HC TSP - L 39 mm
with chipboard screw

FIRE-RESISTANT

product information

Characteristics

- self-threading zamak fixing for plasterboard, panels and light weight substrate materials
- need to pre-drill
- suitable for wood, self-tapping and chipboard screws of 4.0 to 5.0 mm diameter
- quick and easy installation work
- can be used with the most wideranging screws, hooks and eye screws. This allows for a broad range of applications
- the sharp, self-tapping thread enables a secure, positive fit fixing
- high load-bearing capacity, no special setting tool is required
- only a small amount of space is required behind the board
- suitable for prepositioned installation

Installation

- to be mounted aligned the wall

Suggestion for use

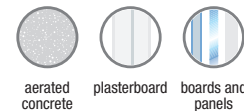
- always consider an appropriate safety factor
- check load bearing capacity values
- respect the installation data
- the installation torque should be limited when using a battery operated screwdriver
- no suitable for tiled plasterboard

Examples of applications

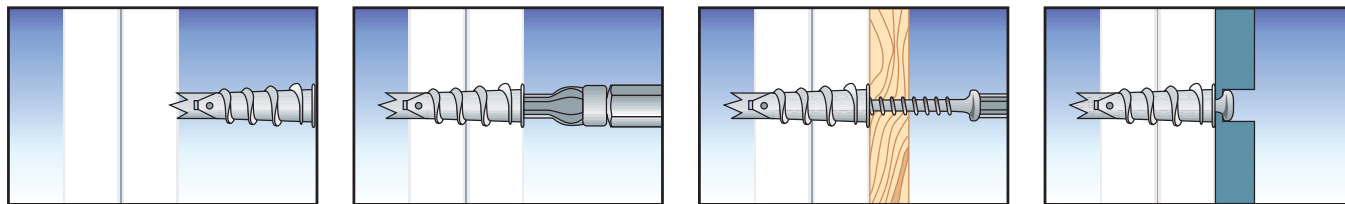


Vorpa HC

Universal lighth fixing for plasterboard



installation sequence



product code and technical data

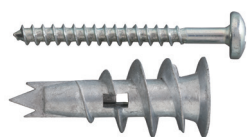
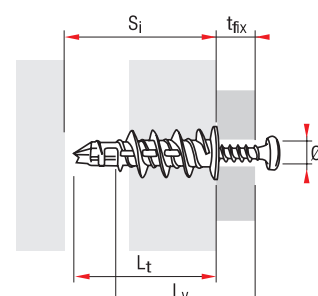


HC - L 31 mm
no accessories



HC - L 39 mm
no accessories

Code	Description	L _t mm	T _{fix} mm	S _i mm	Ø _v xL _v mm
520M	HC 31	31	0-15	35	4,5x25
522M	HC 39	39	0-10	44	4,5x30



HC TC - L 31 mm
with cylinder head screw

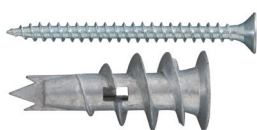


HC TC - L 39 mm
with cylinder head screw

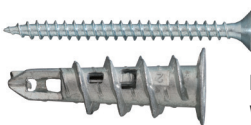
Code	Description	L _t mm	T _{fix} mm	S _i mm	Ø _v xL _v mm
520V	HC TC 31	31	0-15	35	4,5x25
522	HC TC 39	39	0-10	44	4,5x30

- L_t = Anchor length
- d_o = Hole diameter
- t_{fix} = Fixture thickness
- L_v = Screw length
- S_i = Interspace
- Ø_v = Screw diameter

Screw length calculation: L_v > L_t + T_{fix}



HC TSP - L 31 mm
with chipboard screw



HC TSP - L 39 mm
with chipboard screw

Code	Description	L _t mm	T _{fix} mm	S _i mm	Ø _v xL _v mm
2537	HC TSP 31	31	0-15	35	4,5x25
2539	HC TSP 39	39	0-10	44	4,5x30

ATTENTION: An appropriate safety factor ≥ 5 should be applied on these values

HC	HC L.31	HC L.39	1 daN ≥ 1 kg
Pull out values in daN			
Plasterboard 9,5 mm	30	45	
Plasterboard 12,5 mm	45	55	
Plasterboard ≥ 25 mm	60	70	