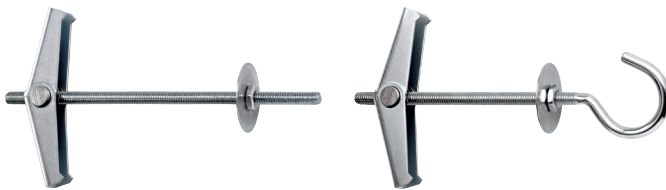


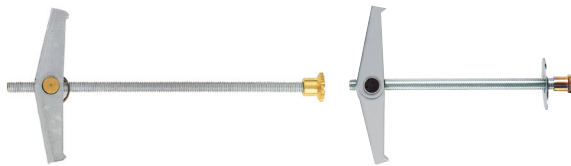
Spring toggle FK

Advantages



FK-S with washer and hexagon nut

FK-HS with round hook, washer and hexagon nut



FK-R with knurled nut yellow galvanized

FK-UR with knurled nut and washer, yellow galvanized

- Suitable for fixings in cavity ceilings or walls, and boards like gypsum boards or chipboards



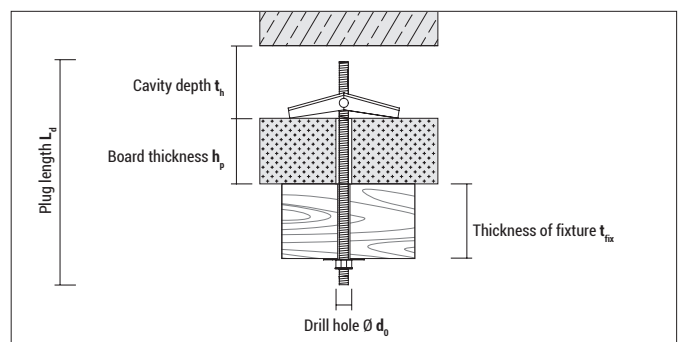
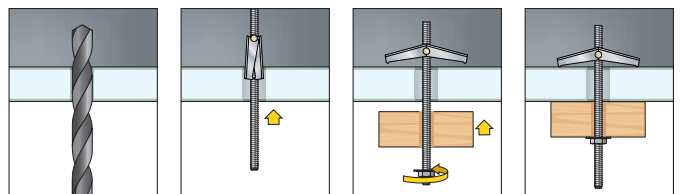
Suitable building materials

Very suitable



- Cavity ceilings
- Cavity walls
- Plasterboard/
Fibreboard
- Chipboard

Mounting



Spring toggle FK



FK-S with washer and hexagon nut

Type	Art-No	d_0 [mm]	$h_p + t_{fix} \leq$ [mm]	Thread	L_d [mm]	$t_h \geq$ [mm]	€/ 100 pcs	[pcs]	[pcs]
3-85 S	9390FKS	11	65	M3	85	28		25	–
4-90 S	9495FKS	14	65	M4	90	35		25	–



FK-HS with round hook, washer and hexagon nut

Type	Art-No	d_0 [mm]	$h_p + t_{fix} \leq$ [mm]	Thread	L_d [mm]	$t_h \geq$ [mm]	€/ 100 pcs	[pcs]	[pcs]
3-100 HS	9385FKHS	11	40	M3	100	28		25	–
4-95 HS	94100FKHS	14	30	M4	95	35		25	–



FK-R / FK-UR with knurled nut, yellow galvanized

Type	Art-No	d_0 [mm]	$h_p + t_{fix} \leq$ [mm]	Thread	L_d [mm]	$t_h \geq$ [mm]	€/ 100 pcs	[pcs]	[pcs]
3-85 R	9390FKR	11	65	M3	85	28		25	–
4-90 R	9495FKR	14	65	M4	90	35		25	–
3-85 UR	9385FKUR	11	65	M3	85	28		25	–
4-90 UR	9490FKUR	14	65	M4	90	35		25	–



Blister FK-S with washer and hexagon nut

Blister FK-HS with round hook, washer and hexagon nut



Type	Art-No	d_0 [mm]	$h_p + t_{fix} \leq$ [mm]	Thread	L_d [mm]	$t_h \geq$ [mm]	€/ Blister	[pcs]	[Blister]
FK-S 3x85	5390FKS2	11	65	M3	85	28		2	10
FK-S 4x90	5495FKS2	14	65	M4	90	35		2	10
FK-HS 3x100	5385FKHS2	11	40	M3	100	28		2	10
FK-HS 4x95	54100FKHS2	14	30	M4	95	35		2	10

Loads F_{rec} FK-S, FK-R, FK-UR

Type	Plasterboard $h_p = 12,5$ mm F_{rec} [kN]	Chipboard $h_p = 13$ mm F_{rec} [kN]	Fibre cement boards $h_p = 10$ mm F_{rec} [kN]
M3: FK-S, FK-R, FK-UR	0,15	0,25	0,25
M4: FK-S, FK-R, FK-UR	0,15	0,36	0,45

 F_{rec} : Recommended loads incl. safety factor of 4Loads F_{rec} FK-HS with round hook

Type	Plasterboard $h_p = 12,5$ mm F_{rec} [kN]	Chipboard $h_p = 13$ mm F_{rec} [kN]	Fibre cement boards $h_p = 10$ mm F_{rec} [kN]
M3: FK-HS	0,06*	0,06*	0,06*
M4: FK-HS	0,15*	0,15*	0,15*

 F_{rec} : Recommended loads incl. safety factor of 4

* Bending of the hook is decisive.