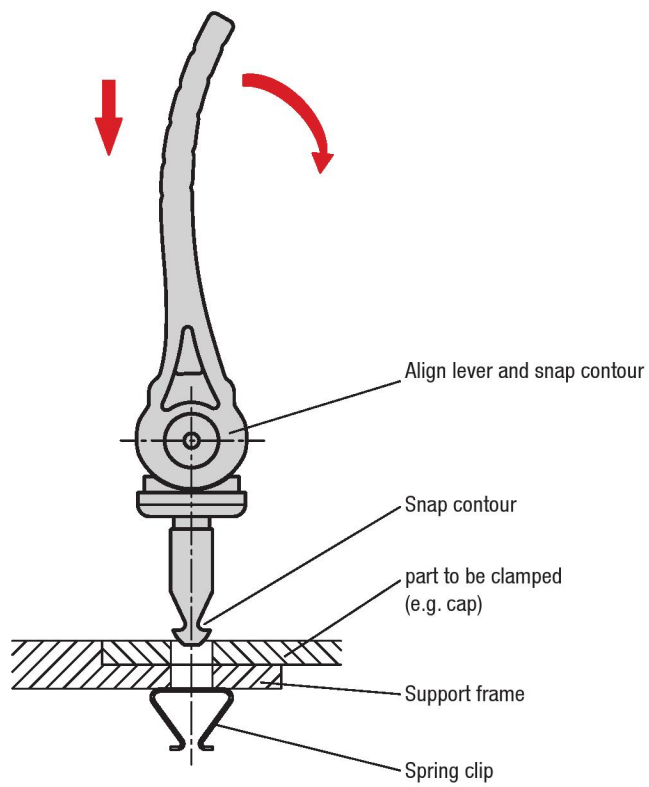


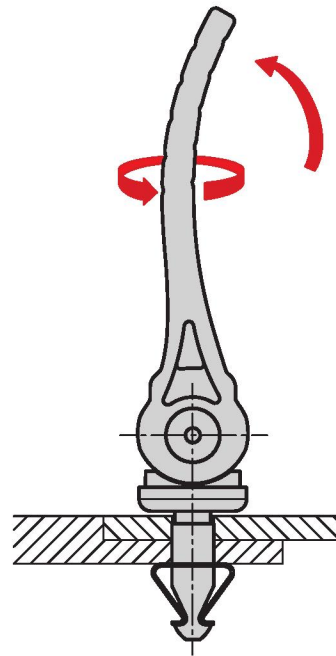


## Installation instructions for Cam Levers with quick lock

Push to insert and swivel to clamp



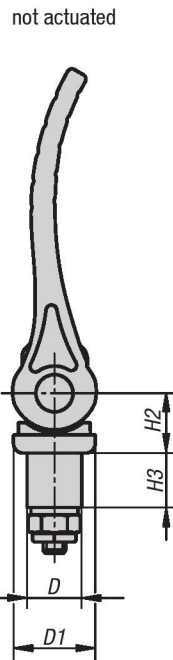
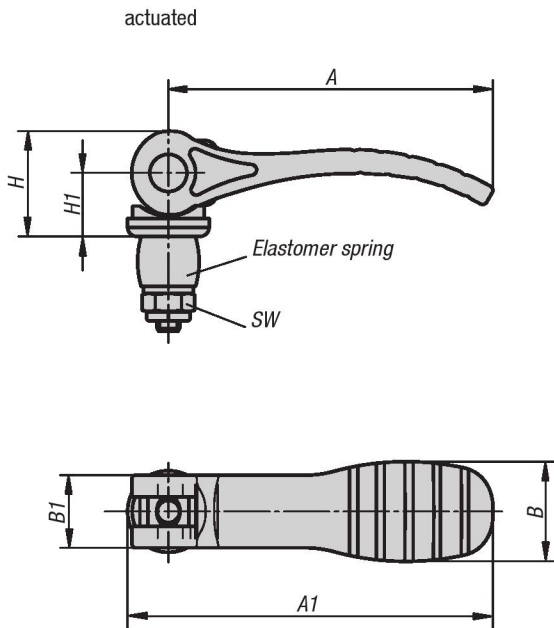
Swivel and twist to loosen



# Cam Levers expansion

METRIC  
Parts

New Item



**Material:**

Handle and thrust washer fibreglass reinforced plastic PA 66;  
hinge pin stainless steel 1.4305;  
stud and washer steel quality class 5.8  
PUR elastomer spring

**Type:**

Handles and thrust washer black;  
hinge pins, natural finish;  
studs and washer, blue chromate;  
hexagon nut with clamping element and thrust washer, blue chromate.

**Part Number Example:**

K0118.121112X12

**Note:**

Actuating the handle causes the elastomer spring to expand and form to the surrounding surface. The amount of expansion of the elastomer spring and hence the clamping force can be adjusted using the nut with clamping element. Simultaneously, the clamping element nut ensures that the preset clamping force remains unchanged when the clamp is released.

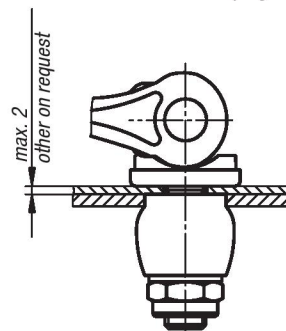
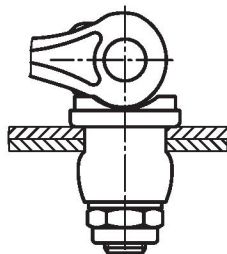
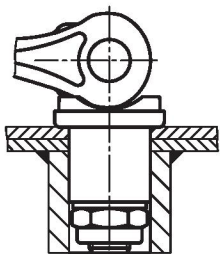
**Application:**

The specified holding forces are not suitable for constant loads.

Full clamping bore

Sheet metal clamping 1

Sheet metal clamping 2



**KIPP Cam Levers expansion, metric**

Item No.	Size	D	D1	B	B1	H	H1	H2	H3	A	A1	SW	Clamping force ca. N clamp bore (no permanent load)	Clamping force ca. N plate clamping (no permanent load)
K0118.121112X12	1	12	18	22	16	23,2	14	12,85	12	71,5	79,6	10	100	50
K0118.121114X12	1	14	18	22	16	23,2	14	12,85	12	71,5	79,6	10	150	60
K0118.221116X20	2	16	27	33	24	27,8	16,2	14,7	20	99,9	110	13	350	60
K0118.221118X20	2	18	27	33	24	27,8	16,2	14,7	20	99,9	110	13	350	100
K0118.221120X20	2	20	27	33	24	27,8	16,2	14,7	20	99,9	110	16	350	100