

## Ball lock pins

**Material:**

Grip and push button thermoplastic.  
Metal parts stainless steel.

**Version:**

Grip black.  
Push button traffic red.  
Steel parts bright.

**Sample order:**

K0363.3806050  
(include length L e.g. 050 for L = 50 mm.)

**Note:**

Ball lock pins are used for easy fastening or joining of components or workpieces. The two balls are disengaged by pressing the push button and the pin can be slipped into holes in the workpieces. Release the button to lock the balls and secure the connection. Form A is suitable for applications where high demands and precision are required.

Shear force double shear ( $F$ ) =  $S \cdot \tau \cdot aB$  max.

The values given for the shear force are the theoretical breaking load. These are non-binding reference values without consideration of safety factors and exclude any liability. The values given are for information purposes only and do not constitute a legally binding assurance of properties.

The load values have been calculated in accordance with DIN 50141. Each user must determine individually whether the ball lock pin is suitable for the respective application.

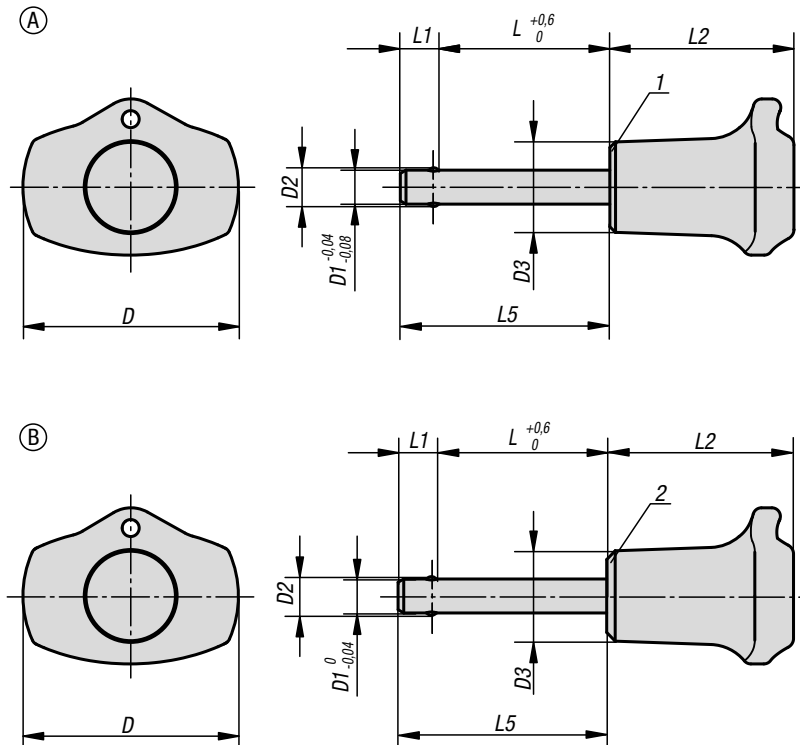
Different materials in which the ball lock pins are used, weather conditions and wear can influence the determined values.

**Features:**

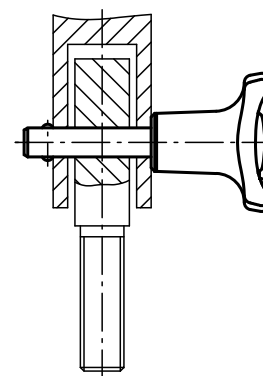
Form A:  
Pin ground, metal collar, high axial pull-out force  
Form B:  
Pin h9, plastic collar, low axial pull-out force

**Accessories:**

Bushes for ball lock pins K0724  
Safety spiral cable K0367  
Retaining cable with loop K0367  
Key ring K0367

**Drawing reference:**

- 1) Metal collar
- 2) Plastic collar



### KIPP Ball lock pins, Form A, metal collar

Order No.	D	D1	D2	D3	L	L1	L2	L5	Receiving hole H11	Shearing force double shear max.kN
K0363.3805***	38	5	5,5	16	10/15/20/25/30	6	32,5	16/21/26/31/36	5	15
K0363.3806***	38	6	6,85	16	10/15/20/25/30/35/40/45/50	7	32,5	17/22/27/32/37/42/47/52/57	6	22
K0363.3808***	38	8	9,5	16	20/25/30/35/40/45/50	8	32,5	28/33/38/43/48/53/58	8	38
K0363.4710***	47	10	12	23	20/25/30/35/40/45/50/60	9	40	29/34/39/44/49/54/59/69	10	60
K0363.4712***	47	12	14,5	23	25/30/35/40/45/50/60/70/80	10	40	35/40/45/50/55/60/70/80/90	12	86
K0363.4716***	47	16	19	23	30/35/40/45/50/60/70/80	13	40	43/48/53/58/63/73/83/93	16	153

### KIPP Ball lock pins, Form B, plastic collar

Order No.	D	D1	D2	D3	L	L1	L2	L5	Receiving hole H11	Shearing force double shear max.kN
K0363.13805***	38	5	5,5	16	15/20/25/30	5,9	33	20,9/25,9/30,9/35,9	5	15
K0363.13806***	38	6	6,85	16	30/40/50	6,8	33	36,8/46,8/56,8	6	22
K0363.13808***	38	8	9,5	16	30/40/50	7,8	33	37,8/47,8/57,8	8	38