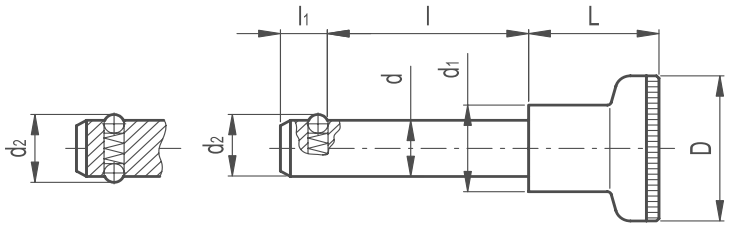
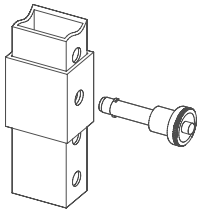
Spring Loaded Ball Lock Pins



(d=10-12)
(2 balls)

(d=6-8)
(1 ball)

Application example



- **Pin**
  AISI 303 stainless steel.
- **Balls and spring**
  Stainless steel.
  Ø d from 6 to 8: one ball.
  Ø d from 10 to 12: two balls.
- **Knurled knob**
  Polyamide based (PA) technopolymer, black colour, matte finish. Resistant to solvents, oils, greases and other chemical agents.
- **Working temperature**
  From -30°C to +80°C.

FEATURES AND APPLICATIONS

The two balls of SLBLP1 are not provided with a locking mechanism but they are kept in position by a spring. This is the reason why their tensile strength is limited compared to BLP. Ball lock pins are suitable for quick fixation or connection of parts to be machined, in particular for elements which need to be removed and inserted continuously.

AISI 303 stainless steel, thanks to its high resistance to corrosion, allows the application of these lock pins on machines and equipment in those sectors where laws or particular hygienic, climatic and environmental factors make it mandatory to use corrosion resistant materials.

Part Ref.	d h9	d2	D	d1	l	l1	L	Mounting Hole D12	Axial Holding Force (N)	Double Sided Sharing Force (KN)
SLBLP1	6	6.5	25	14.5	10	5	22.5	6	8	22
SLBLP2	6	6.5	25	14.5	15	5	22.5	6	8	22
SLBLP3	6	6.5	25	14.5	20	5	22.5	6	8	22
SLBLP4	6	6.5	25	14.5	25	5	22.5	6	8	22
SLBLP5	6	6.5	25	14.5	30	5	22.5	6	8	22
SLBLP6	6	6.5	25	14.5	50	5	22.5	6	8	22
SLBLP7	8	8.7	25	14.5	15	6.3	22.5	8	15	40
SLBLP8	8	8.7	25	14.5	20	6.3	22.5	8	15	40
SLBLP9	8	8.7	25	14.5	25	6.3	22.5	8	15	40
SLBLP10	8	8.7	25	14.5	30	6.3	22.5	8	15	40
SLBLP11	8	8.7	25	14.5	50	6.3	22.5	8	15	40
SLBLP12	10	12	31	18.5	15	8.7	27	10	30	62
SLBLP13	10	12	31	18.5	20	8.7	27	10	30	62
SLBLP14	10	12	31	18.5	25	8.7	27	10	30	62
SLBLP15	10	12	31	18.5	30	8.7	27	10	30	62
SLBLP16	10	12	31	18.5	50	8.7	27	10	30	62
SLBLP17	12	14.5	31	18.5	20	9.5	27	12	32	90
SLBLP18	12	14.5	31	18.5	30	9.5	27	12	32	90
SLBLP19	12	14.5	31	18.5	40	9.5	27	12	32	90
SLBLP20	12	14.5	31	18.5	50	9.5	27	12	32	90