

Locking bolts

without collar



Material:

- Steel version, locking pin hardened:
sleeve 1.0403 weldable.
Locking pin quality class 5.8.
- Stainless steel version, locking pin hardened:
sleeve 1.4301 weldable.
Locking pin 1.4034.
- Stainless steel version, locking pin not hardened:
sleeve 1.4301 weldable.
Locking pin 1.4305.

Key ring 1.4310, natural finish.

Surface finish:

- Steel version, locking pin hardened:
black oxide finish, locking pin ground.
- Stainless steel version, locking pin hardened:
natural finish, locking pin ground.
- Stainless steel version, locking pin not hardened:
natural finish, locking pin ground.

Sample order:

nIm 03098-4206

Note:

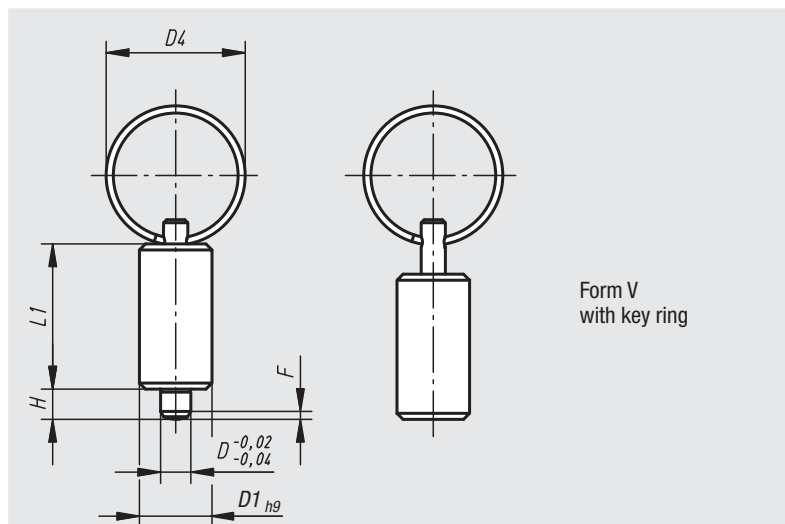
Locking bolts are used to prevent any change in locking position due to lateral forces. A new locking position can only be set after the bolt has been disengaged.

The key ring is also suitable for actuation of the locking bolt, for example automatically (programme-controlled) with the aid of a pneumatic cylinder or actuation by remote control with bowden cables.

In order to weld the locking bolts to another surface, we recommend inert gas-shielded welding with TIG welding equipment.

On request:

Special versions.



Locking bolts without collar, in steel, locking pin hardened

Order No. Form V	D	D1	D4	L1	H	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
03098-4004	4	10	15	21	4	1	6	12
03098-4105	5	12	23	24	5	1,3	5	12
03098-4206	6	14	23	28	6	1,8	6	14
03098-4308	8	18	28	36	8	2,3	15	35
03098-4410	10	22	28	40	10	2,8	15	34

Locking bolts without collar, in stainless steel, locking pin hardened

Order No. Form V	D	D1	D4	L1	H	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
03098-04004	4	10	15	21	4	1	6	12
03098-04105	5	12	23	24	5	1,3	5	12
03098-04206	6	14	23	28	6	1,8	6	14
03098-04308	8	18	28	36	8	2,3	15	35
03098-04410	10	22	28	40	10	2,8	15	34

Locking bolts without collar, in stainless steel, locking pin not hardened

Order No. Form V	D	D1	D4	L1	H	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
03098-14004	4	10	15	21	4	1	6	12
03098-14105	5	12	23	24	5	1,3	5	12
03098-14206	6	14	23	28	6	1,8	6	14
03098-14308	8	18	28	36	8	2,3	15	35
03098-14410	10	22	28	40	10	2,8	15	34