

Indexing plungers - Premium

with tapered pin

**Material:**

Steel version:
indexing pin hardened: grade 5.8

Stainless steel version:
indexing pin hardened: threaded sleeve 1.4305,
indexing pin 1.4305.

Mushroom knob black grey thermoplastic.

Version:

Steel version:
indexing pin hardened, ground and black oxidised.

Stainless steel version:
indexing pin hardened, ground and bright.

Sample order:

K0736.52206

Note:

Premium indexing plungers are characterized by more stringent manufacturing requirements for the indexing plungers and the threaded sleeve. In addition, a centring locator that can be used to increase the positioning accuracy is provided on the threaded sleeve. These indexing plungers are used when it is necessary to prevent shifting of the locked position by transverse forces and greater positioning accuracy is required. A new locking position can only be set after the pin has been manually disengaged. When high lateral forces are to be expected, the centring locator should be used.

Assembly:

When using the threaded sleeve centring, it is recommended the receiving reamed hole be machined before tapping.

The conical contact surface is aligned by the threaded sleeve and locking nut.

On request:

Special versions and spacer rings.

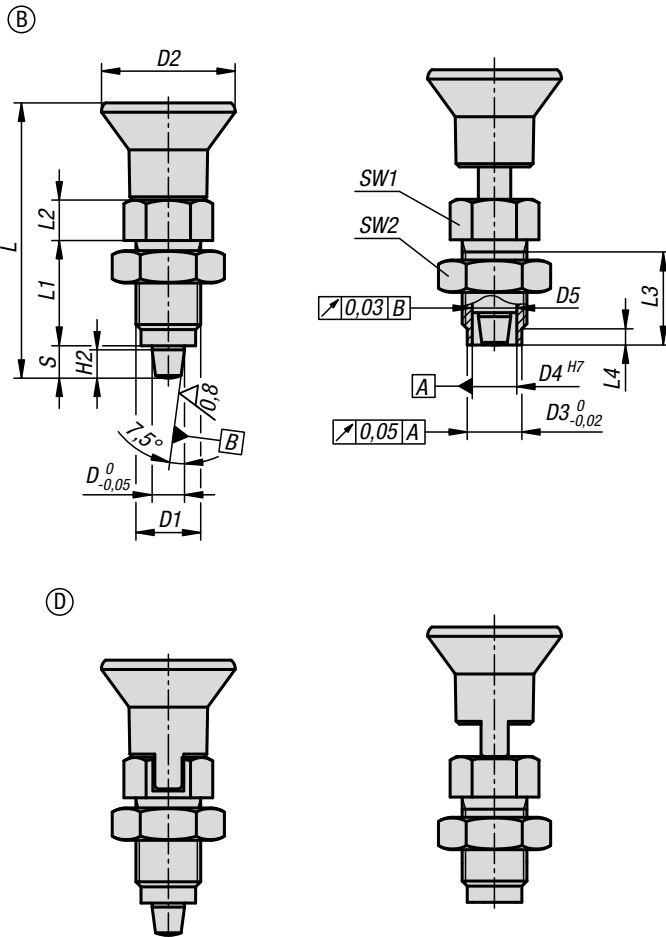
Accessories:

Matching tapered bush K0736.

Drawing reference:

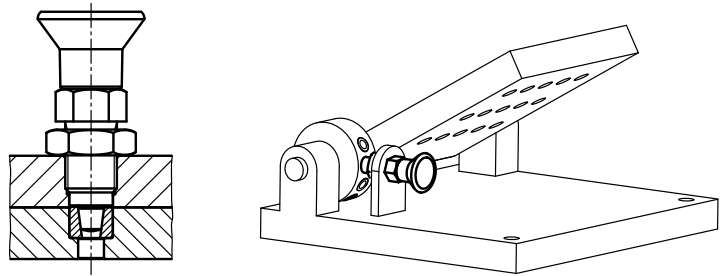
Form A: non-lockout type, without locknut

Form D: lockout type, with locknut



Indexing plungers - Premium

with tapered pin



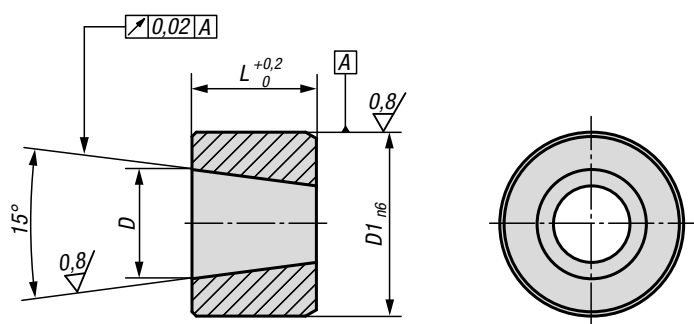
KIPP Premium indexing plungers with tapered pin, steel, indexing pin hardened

Order No. Form B	Order No. Form D	D	D1	D2	D3	D4	D5	L	L1	L2	L3	L4	H2	Travel S	SW1	SW2	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0736.52105	K0736.54105	5	M10x1	21	8	6	6 -0,01/-0,02	43,5	17	7	15	3	4	5	13	17	5	12
K0736.52206	K0736.54206	6	M12x1,5	25	10	8,5	8,5 -0,01/-0,03	51,7	20	8	17	3	5	6	14	19	6	14
K0736.52308	K0736.54308	8	M16x1,5	33	13,5	11	11 -0,01/-0,03	68	26	10	23	4	7	8	19	24	15	35
K0736.52410	K0736.54410	10	M20x1,5	33	17	11	11 -0,01/-0,03	74	28	12	25	4	9	10	22	30	15	34

KIPP Premium indexing plungers with tapered pin, stainless steel, indexing pin hardened

Order No. Form B	Order No. Form D	D	D1	D2	D3	D4	D5	L	L1	L2	L3	L4	H2	Travel S	SW1	SW2	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0736.502105	K0736.504105	5	M10x1	21	8	6	6 -0,01/-0,02	43,5	17	7	15	3	4	5	13	17	5	12
K0736.502206	K0736.504206	6	M12x1,5	25	10	8,5	8,5 -0,01/-0,03	51,7	20	8	17	3	5	6	14	19	6	14
K0736.502308	K0736.504308	8	M16x1,5	33	13,5	11	11 -0,01/-0,03	68	26	10	23	4	7	8	19	24	15	35
K0736.502410	K0736.504410	10	M20x1,5	33	17	11	11 -0,01/-0,03	74	28	12	25	4	9	10	22	30	15	34

Bushes tapered



Material:

Steel or 1.4034 stainless steel.

Version:

Steel version:
black oxidised, hardened and ground.

Stainless steel version:
bright, hardened and ground.

Sample order:

K0736.9106

Note:

Matching bushes for premium indexing plungers with tapered pin K0736.

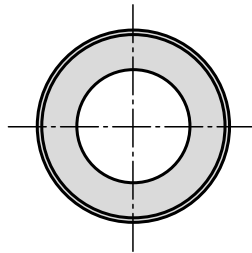
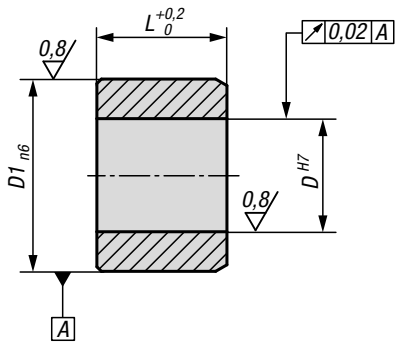
Assembly:

To increase the coaxial alignment accuracy, the holes for the bush and the premium indexing plunger can be machined simultaneously.

KIPP Tapered bushes

Order No.	Main material	D	D1	L
K0736.9105	steel	5	8	6
K0736.9106	steel	6	10	7
K0736.9108	steel	8	13,5	9,5
K0736.9110	steel	10	17	11,5
K0736.91005	stainless steel	5	8	6
K0736.91006	stainless steel	6	10	7
K0736.91008	stainless steel	8	13,5	9,5
K0736.91010	stainless steel	10	17	11,5

Bushes cylindrical



Material:

Steel or 1.4034 stainless steel.

Version:

Steel version:

black oxidised, hardened and ground.

Stainless steel version:

bright, hardened and ground.

Sample order:

K0736.9005

Note:

Matching bushes for premium indexing plungers with cylindrical pin K0736.

Assembly:

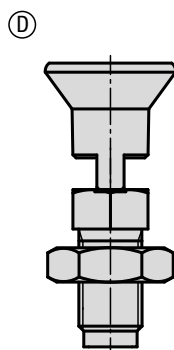
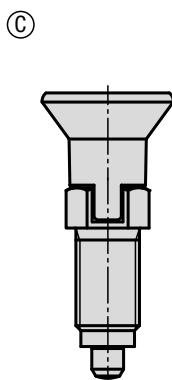
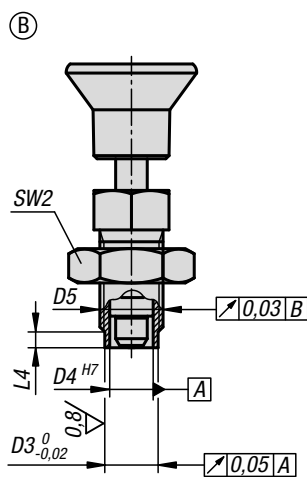
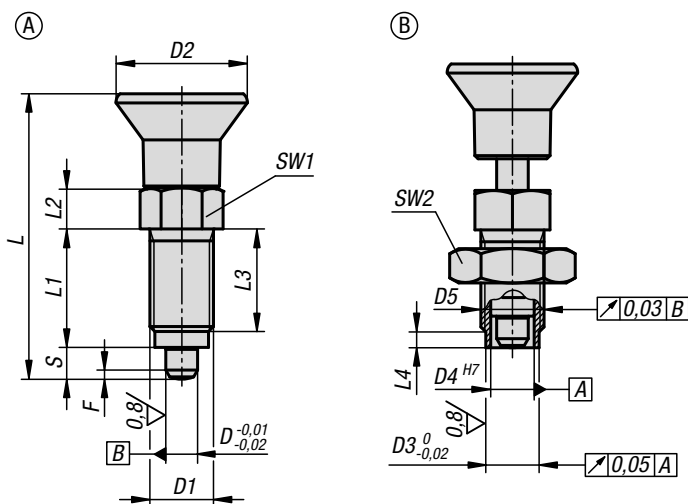
To increase the coaxial alignment accuracy, the hole for the bush and the premium indexing plunger can be machined simultaneously.

KIPP Cylindrical bushes

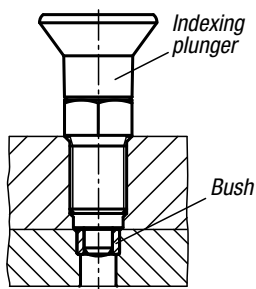
Order No.	Main material	D	D1	L
K0736.9005	steel	5	8	6
K0736.9006	steel	6	10	7
K0736.9008	steel	8	13,5	9,5
K0736.9010	steel	10	17	11,5
K0736.90005	stainless steel	5	8	6
K0736.90006	stainless steel	6	10	7
K0736.90008	stainless steel	8	13,5	9,5
K0736.90010	stainless steel	10	17	11,5

Indexing plungers - Premium

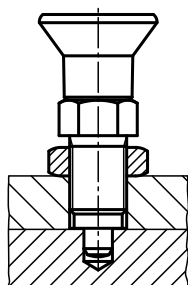
with cylindrical pin



Fixation with bush:



Fixation without bush:



Material:

Steel version:
indexing pin hardened: grade 5.8

Stainless steel version:
indexing pin hardened: threaded sleeve 1.4305,
indexing pin 1.4305.

Mushroom knob black grey thermoplastic.

Version:

Steel version:
indexing pin hardened, ground and black oxidised.

Stainless steel version:
indexing pin hardened, ground and bright.

Sample order:

K0736.41206

Note:

Premium indexing plungers are characterized by more stringent manufacturing requirements for the indexing plungers and threaded sleeve. In addition, a centring locator that can be used to increase the positioning accuracy is provided on the threaded sleeve. These indexing plungers are used when it is necessary to prevent shifting of the locked position by transverse forces and greater positioning accuracy is required. A new locking position can only be set after the pin has been manually disengaged. When high lateral forces are to be expected, the centring locator should be used.

Assembly:

When using the threaded sleeve centring, it is recommended the receiving reamed hole be machined before tapping.

On request:

Special versions and spacer rings.

Accessories:

Matching cylindrical bush K0736.
Locknut K0700....

Drawing reference:

Form A: non-lockout type, without locknut
Form B: non-lockout type, with locknut
Form C: lockout type, without locknut
Form D: lockout type, with locknut

Indexing plungers - Premium

with cylindrical pin



KIPP Premium indexing plungers with cylindrical pin, steel, indexing pin hardened

Order No. Form A	Order No. Form B	D	D1	D2	D3	D4	D5	L	L1	L2	L3	L4	Travel S	SW1	SW2	Fx30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0736.41105	K0736.42105	5	M10x1	21	8	6	6 -0,01/-0,02	43,5	17	7	15	3	5	13	-/17	1,3	5	12
K0736.41206	K0736.42206	6	M12x1,5	25	10	8,5	8,5 -0,01/-0,03	51,7	20	8	17	3	6	14	-/19	1,8	6	14
K0736.41308	K0736.42308	8	M16x1,5	33	13,5	11	11 -0,01/-0,03	68	26	10	23	4	8	19	-/24	2,3	15	35
K0736.41410	K0736.42410	10	M20x1,5	33	17	11	11 -0,01/-0,03	74	28	12	25	4	10	22	-/30	2,8	15	34

Order No. Form C	Order No. Form D	D	D1	D2	D3	D4	D5	L	L1	L2	L3	L4	Travel S	SW1	SW2	Fx30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0736.43105	K0736.44105	5	M10x1	21	8	6	6 -0,01/-0,02	43,5	17	7	15	3	5	13	-/17	1,3	5	12
K0736.43206	K0736.44206	6	M12x1,5	25	10	8,5	8,5 -0,01/-0,03	51,7	20	8	17	3	6	14	-/19	1,8	6	14
K0736.43308	K0736.44308	8	M16x1,5	33	13,5	11	11 -0,01/-0,03	68	26	10	23	4	8	19	-/24	2,3	15	35
K0736.43410	K0736.44410	10	M20x1,5	33	17	11	11 -0,01/-0,03	74	28	12	25	4	10	22	-/30	2,8	15	34

KIPP Premium indexing plungers with cylindrical pin, stainless steel, indexing pin hardened

Order No. Form A	Order No. Form B	D	D1	D2	D3	D4	D5	L	L1	L2	L3	L4	Travel S	SW1	SW2	Fx30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0736.401105	K0736.402105	5	M10x1	21	8	6	6 -0,01/-0,02	43,5	17	7	15	3	5	13	-/17	1,3	5	12
K0736.401206	K0736.402206	6	M12x1,5	25	10	8,5	8,5 -0,01/-0,03	51,7	20	8	17	3	6	14	-/19	1,8	6	14
K0736.401308	K0736.402308	8	M16x1,5	33	13,5	11	11 -0,01/-0,03	68	26	10	23	4	8	19	-/24	2,3	15	35
K0736.401410	K0736.402410	10	M20x1,5	33	17	11	11 -0,01/-0,03	74	28	12	25	4	10	22	-/30	2,8	15	34

Order No. Form C	Order No. Form D	D	D1	D2	D3	D4	D5	L	L1	L2	L3	L4	Travel S	SW1	SW2	Fx30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0736.403105	K0736.404105	5	M10x1	21	8	6	6 -0,01/-0,02	43,5	17	7	15	3	5	13	-/17	1,3	5	12
K0736.403206	K0736.404206	6	M12x1,5	25	10	8,5	8,5 -0,01/-0,03	51,7	20	8	17	3	6	14	-/19	1,8	6	14
K0736.403308	K0736.404308	8	M16x1,5	33	13,5	11	11 -0,01/-0,03	68	26	10	23	4	8	19	-/24	2,3	15	35
K0736.403410	K0736.404410	10	M20x1,5	33	17	11	11 -0,01/-0,03	74	28	12	25	4	10	22	-/30	2,8	15	34