

Indexing plunger, stainless steel with remote actuation

Item description/product images



Description

Product description:

Indexing plungers are used where it is necessary to prevent changes of position due to lateral forces.

Some examples of this are for length, height and position locking in machine, furniture and special vehicle construction.

Indexing plungers with remote actuation are used where inaccessible assembly spaces are making it difficult to operate, or where remote actuation is required for ergonomic or safety reasons.

The indexing plunger is connected to the operator side by a Bowden cable. The combination of indexing plunger and actuating element forms a complete system which can be used for many types of application.

As an alternative to the actuating element, the supplied screw nipple ($\varnothing 5 \times 7$ mm) can be used to integrate an individual actuating element into the system.

The Bowden cable is available in various lengths.

To ensure an exact fit in the application concerned, the Bowden cable can be shortened as required when installing.

Corrosion protection is provided by selecting a suitable material for coating application. The wire cable or cable casing can be replaced easily if required.

Material:

Indexing plunger and actuating element, stainless steel.

Mushroom grip in thermoplastic.

Wire cable in stainless steel.

Cable casing made of steel wire with inner and outer plastic sheathing.

End sleeves, adjusting screws and screw nipples made of brass.

Version:

Indexing pin, hardened, ground and bright.

Bowden cable casing, black.

Mushroom grip, thermoplastic dark grey.

Plastic cover, thermoplastic in black, grey, red or yellow.

Note for ordering:

Indexing plungers with remote actuation and actuating element must be ordered separately.

Note:

When installing the Bowden cables, the following points should be noted:

The length of the free end of the cable can change due to the layout angle, bending radius and load factors. So, after laying the Bowden cable, the length of the counter-bearing (casing) must be adjusted using the adjusting screw supplied. The adjusting screw is also used to set the pretension in the Bowden cable system.

When laying the cable, particular care must be taken to ensure that the bending radius is not below the minimum value, which in this case is $R = 65$ mm. A radius which is too narrow can lead to increased wear and higher friction.

Also avoid letting the bending radius briefly go below the minimum value when installing, as this can cause damage to the casing. Also, the casing is designed only to support pressure forces. If pulled too sharply, the inner coil will be stretched and permanently damaged.

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On request:

Special versions.

Supplied with:

Indexing plunger with remote actuation:
 Indexing plunger with preassembled cable, casing, end sleeve, adjusting screw M6 x 34 mm and screw nipple Ø5 x 7 mm.

Actuating element:

Actuating element with plastic cover.

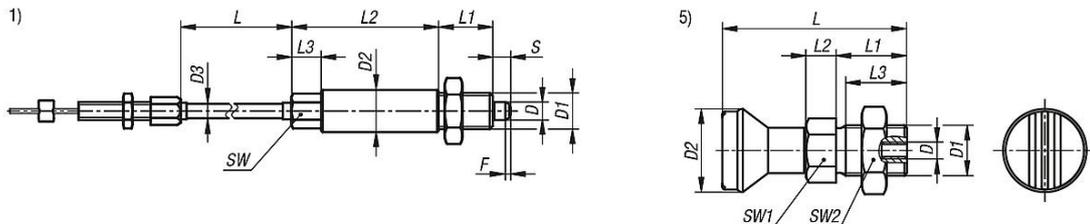
Accessory:

- Hexagon nuts K0700.
- Mounting brackets K0638.
- Spacer rings K0665.
- Positioning bushes K1290.
- Actuating element K1502.12420.

Drawing reference:

- 1) Indexing plunger
- 2) Bowden cable casing
- 3) Bowden cable
- 4) Adjusting screw
- 5) Actuating element
- 6) Screw nipple
- 7) Cover

Drawings



Overview of items

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Order No.	Item	Colour Cap	D	Internal thread D	D1	D2	D3	L	L1	L2	L3	Travel S	SW	SW1	SW2	Fx30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	
K1502.02206X1000	Indexing Plunger	-	6	-	M12x1,5	14	5	1000	18	4	9	10	6	10	-	-	1,8	6	14
K1502.02206X3000	Indexing Plunger	-	6	-	M12x1,5	14	5	3000	18	4	9	10	6	10	-	-	1,8	6	14
K1502.02206X5000	Indexing Plunger	-	6	-	M12x1,5	14	5	5000	18	4	9	10	6	10	-	-	1,8	6	14
K1502.02308X1000	Indexing Plunger	-	8	-	M16x1,5	19	5	1000	23	5	10	13	8	13	-	-	2,3	15	35
K1502.02308X3000	Indexing Plunger	-	8	-	M16x1,5	19	5	3000	23	5	10	13	8	13	-	-	2,3	15	35
K1502.02308X5000	Indexing Plunger	-	8	-	M16x1,5	19	5	5000	23	5	10	13	8	13	-	-	2,3	15	35
K1502.02410X1000	Indexing Plunger	-	10	-	M20x1,5	23	5	1000	26	5	10	16	10	16	-	-	2,8	15	34
K1502.02410X3000	Indexing Plunger	-	10	-	M20x1,5	23	5	3000	26	5	10	16	10	16	-	-	2,8	15	34
K1502.02410X5000	Indexing Plunger	-	10	-	M20x1,5	23	5	5000	26	5	10	16	10	16	-	-	2,8	15	34
K1502.02412X1000	Indexing Plunger	-	12	-	M20x1,5	23	5	1000	26	5	10	16	12	16	-	-	2,8	15	39
K1502.02412X3000	Indexing Plunger	-	12	-	M20x1,5	23	5	3000	26	5	10	16	12	16	-	-	2,8	15	39
K1502.02412X5000	Indexing Plunger	-	12	-	M20x1,5	23	5	5000	26	5	10	16	12	16	-	-	2,8	15	39

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K1502.12420	Operating Handle	black grey RAL 7021	-	M6	M20x1,5	33	-	73	281225	-	-	22	30	-	-
K1502.124205	Operating Handle	light grey RAL 7035	-	M6	M20x1,5	33	-	73	281225	-	-	22	30	-	-
K1502.124206	Operating Handle	traffic red RAL 3020	-	M6	M20x1,5	33	-	73	281225	-	-	22	30	-	-
K1502.124207	Operating Handle	rape yellow RAL 1021	-	M6	M20x1,5	33	-	73	281225	-	-	22	30	-	-



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