Item description/product images

Description

Material:
Steel version
Indexing pin hardened:
grade 5.8.

Stainless steel version
Indexing pin hardened:
Threaded sleeve 1.4305.
Indexing pin 1.4034.

Indexing pin not hardened:
Threaded sleeve 1.4305.
Indexing pin 1.4305.

Version:
Steel version:
Indexing pin hardened, ground, black oxidised.

Stainless steel version:
Indexing pin hardened, ground and bright.
Indexing pin not hardened, ground and bright.

Note:
Indexing plungers are used to prevent any change in locking position due to lateral forces. A new locking position can only be set after the pin has been disengaged. Special grips can be fitted on the projecting threaded pin. This pin is also suitable for automatic actuation by e.g. program controlled pneumatic cylinder or by remote control using bowden cables.
A washer is available to aid screwing in the indexing plungers. The washer is placed on the threaded sleeve so that the carrier pins engage in the slot.

On request:
Special versions.

Accessory:
Spacer rings 03089.
fastening sets for thin-walled parts 03094-10.

Drawing reference:
Form J: with threaded pin, without locknut
Form K: with threaded pin, with locknut

Drawings

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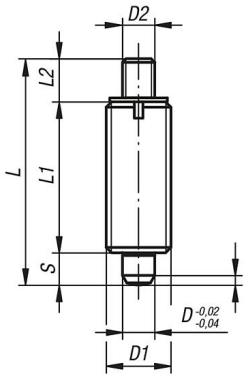

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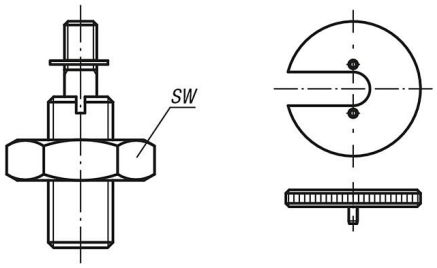

Overview of items

Order No.	Form	Main material	Surface finish body	D	D1	D2	L	L1	L2	Travel S	SW	Fx30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Order No. screw-in washer
03096-1903AJ	J	steel	hardened	3	1/4-28	M2	24	17	3,5	3,5	-	0,8	4,5	10	03094-99
03096-1004AK	J	steel	hardened	4	5/16-24	M3	32	21	7	4	-	1	6	12	03094-90
03096-1105AL	J	steel	hardened	5	3/8-24	M4	37	24	8	5	-	1,3	5	12	03094-91
03096-1206A5	J	steel	hardened	6	1/2-13	M6	42	28	8	6	-	1,8	6	14	03094-92
03096-1308A6	J	steel	hardened	8	5/8-11	M8	56	36	12	8	-	2,3	15	35	03094-93
03096-1410A7	J	steel	hardened	10	3/4-10	M8	62	40	12	10	-	2,8	15	34	03094-94
03096-1412A0	J	steel	hardened	12	3/4-16	M8	66	42	12	12	-	2,8	15	39	03094-94
03096-1516A8	J	steel	hardened	16	1-8	M10	80	50	14	16	-	3,2	20	46	03094-95
03096-01903AJ	J	stainless steel	hardened	3	1/4-28	M2	24	17	3,5	3,5	-	0,8	4,5	10	03094-99
03096-01004AK	J	stainless steel	hardened	4	5/16-24	M3	32	21	7	4	-	1	6	12	03094-90
03096-01105AL	J	stainless steel	hardened	5	3/8-24	M4	37	24	8	5	-	1,3	5	12	03094-91
03096-01206A5	J	stainless steel	hardened	6	1/2-13	M6	42	28	8	6	-	1,8	6	14	03094-92
03096-01308A6	J	stainless steel	hardened	8	5/8-11	M8	56	36	12	8	-	2,3	15	35	03094-93
03096-01410A7	J	stainless steel	hardened	10	3/4-10	M8	62	40	12	10	-	2,8	15	34	03094-94
03096-01412A0	J	stainless steel	hardened	12	3/4-16	M8	66	42	12	12	-	2,8	15	39	03094-94
03096-01516A8	J	stainless steel	hardened	16	1-8	M10	80	50	14	16	-	3,2	20	46	03094-95
03096-11903AJ	J	stainless steel	not hardened	3	1/4-28	M2	24	17	3,5	3,5	-	0,8	4,5	10	03094-99
03096-11004AK	J	stainless steel	not hardened	4	5/16-24	M3	32	21	7	4	-	1	6	12	03094-90
03096-11105AL	J	stainless steel	not hardened	5	3/8-24	M4	37	24	8	5	-	1,3	5	12	03094-91
03096-11206A5	J	stainless steel	not hardened	6	1/2-13	M6	42	28	8	6	-	1,8	6	14	03094-92
03096-11308A6	J	stainless steel	not hardened	8	5/8-11	M8	56	36	12	8	-	2,3	15	35	03094-93
03096-11410A7	J	stainless steel	not hardened	10	3/4-10	M8	62	40	12	10	-	2,8	15	34	03094-94
03096-11412A0	J	stainless steel	not hardened	12	3/4-16	M8	66	42	12	12	-	2,8	15	39	03094-94
03096-11516A8	J	stainless steel	not hardened	16	1-8	M10	80	50	14	16	-	3,2	20	46	03094-95
03096-2903AJ	K	steel	hardened	3	1/4-28	M2	24	17	3,5	3,5	7/16	0,8	4,5	10	03094-99
03096-2004AK	K	steel	hardened	4	5/16-24	M3	32	21	7	4	1/2	1	6	12	03094-90
03096-2105AL	K	steel	hardened	5	3/8-24	M4	37	24	8	5	9/16	1,3	5	12	03094-91
03096-2206A5	K	steel	hardened	6	1/2-13	M6	42	28	8	6	3/4	1,8	6	14	03094-92
03096-2308A6	K	steel	hardened	8	5/8-11	M8	56	36	12	8	15/16	2,3	15	35	03094-93
03096-2410A7	K	steel	hardened	10	3/4-10	M8	62	40	12	10	1-1/8	2,8	15	34	03094-94
03096-2412A0	K	steel	hardened	12	3/4-16	M8	66	42	12	12	1-1/8	2,8	15	39	03094-94
03096-2516A8	K	steel	hardened	16	1-8	M10	80	50	14	16	-	3,2	20	46	03094-95
03096-02903AJ	K	stainless steel	hardened	3	1/4-28	M2	24	17	3,5	3,5	7/16	0,8	4,5	10	03094-99
03096-02004AK	K	stainless steel	hardened	4	5/16-24	M3	32	21	7	4	1/2	1	6	12	03094-90
03096-02105AL	K	stainless steel	hardened	5	3/8-24	M4	37	24	8	5	9/16	1,3	5	12	03094-91
03096-02206A5	K	stainless steel	hardened	6	1/2-13	M6	42	28	8	6	3/4	1,8	6	14	03094-92
03096-02308A6	K	stainless steel	hardened	8	5/8-11	M8	56	36	12	8	15/16	2,3	15	35	03094-93
03096-02410A7	K	stainless steel	hardened	10	3/4-10	M8	62	40	12	10	1-1/8	2,8	15	34	03094-94
03096-02412A0	K	stainless steel	hardened	12	3/4-16	M8	66	42	12	12	1-1/8	2,8	15	39	03094-94
03096-02516A8	K	stainless steel	hardened	16	1-8	M10	80	50	14	16	-	3,2	20	46	03094-95
03096-12903AJ	K	stainless steel	not hardened	3	1/4-28	M2	24	17	3,5	3,5	7/16	0,8	4,5	10	03094-99
03096-12004AK	K	stainless steel	not hardened	4	5/16-24	M3	32	21	7	4	1/2	1	6	12	03094-90
03096-12105AL	K	stainless steel	not hardened	5	3/8-24	M4	37	24	8	5	9/16	1,3	5	12	03094-91
03096-12206A5	K	stainless steel	not hardened	6	1/2-13	M6	42	28	8	6	3/4	1,8	6	14	03094-92
03096-12308A6	K	stainless steel	not hardened	8	5/8-11	M8	56	36	12	8	15/16	2,3	15	35	03094-93

Overview of items

Order No.	Form	Main material	Surface finish body	D	D1	D2	L	L1	L2	Travel S	SW	Fx30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Order No. screw-in washer
03096-12410A7	K	stainless steel	not hardened	10	3/4-10	M8	62	40	12	10	1-1/8	2,8	15	34	03094-94
03096-12412A0	K	stainless steel	not hardened	12	3/4-16	M8	66	42	12	12	1-1/8	2,8	15	39	03094-94
03096-12516A8	K	stainless steel	not hardened	16	1-8	M10	80	50	14	16	-	3,2	20	46	03094-95