

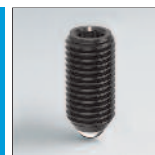
RoztoczeSpringPlungers&IndexPlungers

We have at your disposal a wide range of
Spring Plungers and Index Plungers.
For other models that are not
included in this Catalogue,
please ask us.

www.roztocze-rst.com.pl

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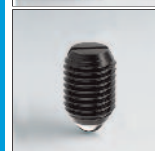
101



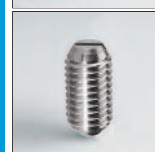
102



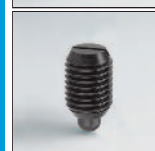
102



102



103



103



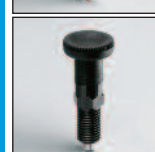
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104



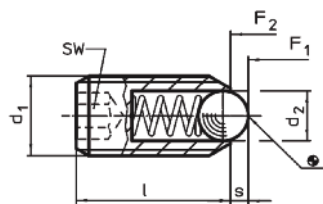
104



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3722B STEEL SPRING PLUNGER WITH BALL & INTERNAL HEXAGON



Body: Free cutting steel, blackened.
Ball: Ball-bearing steel, hardened.
Stainless steel spring.
Temperature range up to 250°C.
Standard spring load: no marking.
Heavy spring load: marked with two lines.
* Statistical average value.



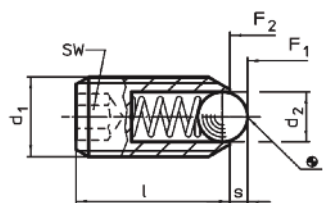
Standard Load



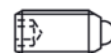
Heavy Load

Code	d1	d2	l	s	SW	F1* (N)	F2* (N)	Spring
372200003	M3	1.5	8	0.4	1.5	3	4.5	Standard Load
372200004	M4	2.5	12	0.8	2	8.5	14	Standard Load
372200005	M5	3	14	0.9	2.5	8	14	Standard Load
372200006	M6	3.5	15	1	3	11	18	Standard Load
372200008	M8	4.5	18	1.5	4	18	31	Standard Load
372200010	M10	6	23	2	5	24	45	Standard Load
372200012	M12	8	26	2.5	6	26	49	Standard Load
372200016	M16	10	33	3.5	8	41	86	Standard Load
372200020	M20	12	43	4.5	10	56	111	Standard Load
372200024	M24	15	48	5.5	12	81	151	Standard Load
372200045	M5	3	14	0.9	2.5	15	22	Heavy Load
372200046	M6	3.5	15	1	3	19	28	Heavy Load
372200048	M8	4.5	18	1.5	4	36	62	Heavy Load
372200050	M10	6	23	2	5	57	104	Heavy Load
372200052	M12	8	26	2.5	6	61	110	Heavy Load
372200056	M16	10	33	3.5	8	68	142	Heavy Load
372200060	M20	12	43	4.5	10	84	166	Heavy Load
372200064	M24	15	48	5.5	12	127	237	Heavy Load

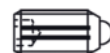
3722B STAINLESS STEEL SPRING PLUNGER WITH BALL & INTERNAL HEXAGON



Body: Stainless steel 1.4305 (SS).
Ball: Stainless steel, hardened.
Stainless steel spring.
Temperature range up to 250°C.
Standard spring load: no marking.
Heavy spring load: marked with two lines.
* Statistical average value.



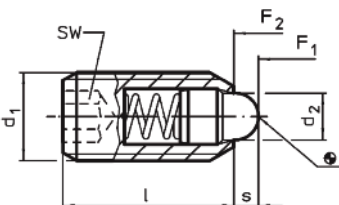
Standard Load



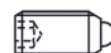
Heavy Load

Code	d1	d2	l	s	SW	F1* (N)	F2* (N)	Spring
372200203	M3	1.5	8	0.4	1.5	3	4.5	Standard Load
372200204	M4	2.5	12	0.8	2	8.5	14	Standard Load
372200205	M5	3	14	0.9	2.5	8	14	Standard Load
372200206	M6	3.5	15	1	3	11	18	Standard Load
372200208	M8	4.5	18	1.5	4	18	31	Standard Load
372200210	M10	6	23	2	5	24	45	Standard Load
372200212	M12	8	26	2.5	6	26	49	Standard Load
372200216	M16	10	33	3.5	8	41	86	Standard Load
372200220	M20	12	43	4.5	10	56	111	Standard Load
372200224	M24	15	48	5.5	12	81	151	Standard Load
372200245	M5	3	14	0.9	2.5	15	22	Heavy Load
372200246	M6	3.5	15	1	3	19	28	Heavy Load
372200248	M8	4.5	18	1.5	4	36	62	Heavy Load
372200250	M10	6	23	2	5	57	104	Heavy Load
372200252	M12	8	26	2.5	6	61	110	Heavy Load
372200256	M16	10	33	3.5	8	68	142	Heavy Load
372200260	M20	12	43	4.5	10	84	166	Heavy Load
372200264	M24	15	48	5.5	12	127	237	Heavy Load

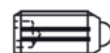
3722V STEEL SPRING PLUNGER WITH PIN & INTERNAL HEXAGON



Body: Free cutting steel, blackened.
Pin: Free cutting steel, hardened & blackened.
Stainless steel spring.
Temperature range up to 250°C.
Standard spring load: no marking.
Heavy spring load: marked with two lines.
* Statistical average value.



Standard Load

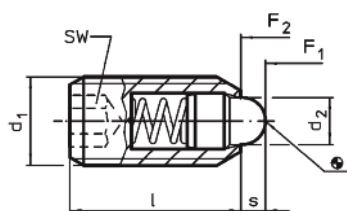


Heavy Load

Code	d1	d2	l	s	SW	F1* (N)	F2* (N)	Spring
372200104	M4	1.8	12	1.5	2	4.5	12.5	Standard Load
372200105	M5	2.4	14	2	2.5	5	13	Standard Load
372200106	M6	2.7	15	2	3	6	17	Standard Load
372200108	M8	3.8	18	2	4	16	33	Standard Load
372200110	M10	4.5	23	2.5	5	19	42	Standard Load
372200112	M12	6.2	26	3.5	6	22	57	Standard Load
372200116	M16	8.5	33	4.5	8	38	78	Standard Load
372200120	M20	10	43	6.5	10	39	81	Standard Load
372200124	M24	13	48	8	12	72	155	Standard Load
372200146	M6	2.7	15	2	3	11	25	Heavy Load
372200148	M8	3.8	18	2	4	23	59	Heavy Load
372200150	M10	4.5	23	2.5	5	20	54	Heavy Load
372200152	M12	6.2	26	3.5	6	38	96	Heavy Load
372200156	M16	8.5	33	4.5	8	50	100	Heavy Load
372200160	M20	10	43	6.5	10	52	133	Heavy Load
372200164	M24	13	48	8	12	91	223	Heavy Load

3722V

STAINLESS STEEL SPRING PLUNGER WITH PIN & INTERNAL HEXAGON



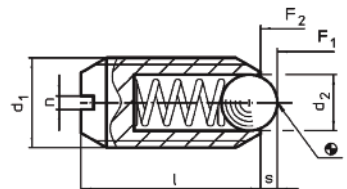
Body: Stainless steel 1.4305 (SS).
Pin: Stainless steel 1.4305.
Stainless steel spring.
Temperature range up to 250°C.
Standard spring load: no marking.
Heavy spring load: marked with two lines.
* Statistical average value.



Code	d1	d2	l	s	SW	F1* (N)	F2* (N)	Spring
372200304	M4	1.8	12	1.5	2	4.5	12.5	Standard Load
372200305	M5	2.4	14	2	2.5	5	13	Standard Load
372200306	M6	2.7	15	2	3	6	17	Standard Load
372200308	M8	3.8	18	2	4	16	33	Standard Load
372200310	M10	4.5	23	2.5	5	19	42	Standard Load
372200312	M12	6.2	26	3.5	6	22	57	Standard Load
372200316	M16	8.5	33	4.5	8	38	78	Standard Load
372200320	M20	10	43	6.5	10	39	81	Standard Load
372200324	M24	13	48	8	12	72	155	Standard Load
372200346	M6	2.7	15	2	3	11	25	Heavy Load
372200348	M8	3.8	18	2	4	23	59	Heavy Load
372200350	M10	4.5	23	2.5	5	20	54	Heavy Load
372200352	M12	6.2	26	3.5	6	38	96	Heavy Load
372200356	M16	8.5	33	4.5	8	50	100	Heavy Load
372200360	M20	10	43	6.5	10	52	133	Heavy Load
372200364	M24	13	48	8	12	91	223	Heavy Load

3775B

STEEL SPRING PLUNGER WITH BALL & SLOT



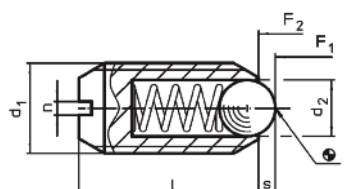
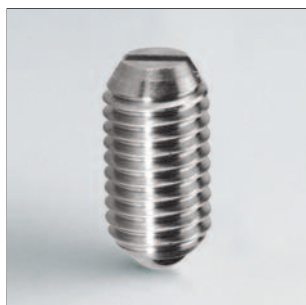
Body: Free cutting steel, blackened.
Ball: Ball-bearing steel, hardened.
Stainless steel spring.
Temperature range up to 250°C.
Standard spring load: no marking.
Heavy spring load: marked with two lines.
* Statistical average value.



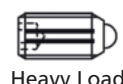
Code	d1	d2	l	s	n	F1* (N)	F2* (N)	Spring
377500003	M3	1.5	7	0.4	0.4	3	4.5	Standard Load
377500004	M4	2.5	9	0.8	0.6	8.5	14	Standard Load
377500005	M5	3	12	0.9	0.8	8	14	Standard Load
377500006	M6	3.5	14	1	1	11	18	Standard Load
377500008	M8	4.5	16	1.5	1.2	18	31	Standard Load
377500010	M10	6	19	2	1.5	24	45	Standard Load
377500012	M12	8	22	2.5	2	26	49	Standard Load
377500016	M16	10	24	3.5	2	41	86	Standard Load
377500020	M20	12	30	4.5	2.5	56	111	Standard Load
377500024	M24	15	34	5.5	3	81	151	Standard Load
377500205	M5	3	12	0.9	0.8	15	22	Heavy Load
377500206	M6	3.5	14	1	1	19	28	Heavy Load
377500208	M8	4.5	16	1.5	1.2	36	62	Heavy Load
377500210	M10	6	19	2	1.5	57	104	Heavy Load
377500212	M12	8	22	2.5	2	61	110	Heavy Load
377500216	M16	10	24	3.5	2	68	142	Heavy Load
377500220	M20	12	30	4.5	2.5	84	166	Heavy Load
377500224	M24	15	34	5.5	3	127	237	Heavy Load

3775B

STAINLESS STEEL SPRING PLUNGER WITH BALL & SLOT

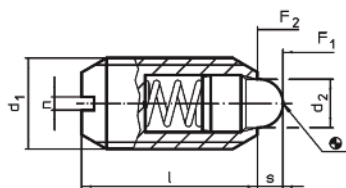


Body: Stainless steel 1.4305 (SS).
Ball: Stainless steel, hardened.
Stainless steel spring.
Temperature range up to 250°C.
Standard spring load: no marking.
Heavy spring load: marked with two lines.
* Statistical average value.



Code	d1	d2	l	s	n	F1* (N)	F2* (N)	Spring
377500402	M2	1.0	4	0.3	0.25	0.8	1.5	Standard Load
377500403	M3	1.5	7	0.4	0.4	3	4.5	Standard Load
377500404	M4	2.5	9	0.8	0.6	8.5	14	Standard Load
377500405	M5	3	12	0.9	0.8	8	14	Standard Load
377500406	M6	3.5	14	1	1	11	18	Standard Load
377500408	M8	4.5	16	1.5	1.2	18	31	Standard Load
377500410	M10	6	19	2	1.5	24	45	Standard Load
377500412	M12	8	22	2.5	2	26	49	Standard Load
377500416	M16	10	24	3.5	2	41	86	Standard Load
377500420	M20	12	30	4.5	2.5	56	111	Standard Load
377500424	M24	15	34	5.5	3	81	151	Standard Load
377500605	M5	3	12	0.9	0.8	15	22	Heavy Load
377500606	M6	3.5	14	1	1	19	28	Heavy Load
377500608	M8	4.5	16	1.5	1.2	36	62	Heavy Load
377500610	M10	6	19	2	1.5	57	104	Heavy Load
377500612	M12	8	22	2.5	2	61	110	Heavy Load
377500616	M16	10	24	3.5	2	68	142	Heavy Load
377500620	M20	12	30	4.5	2.5	84	166	Heavy Load
377500624	M24	15	34	5.5	3	127	237	Heavy Load

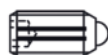
3775V STEEL SPRING PLUNGER WITH PIN & SLOT



Body: Free cutting steel, blackened.
Pin: Free cutting steel, hardened & blackened.
Stainless steel spring.
Temperature range up to 250°C.
Standard spring load: no marking.
Heavy spring load: marked with two lines.
* Statistical average value.



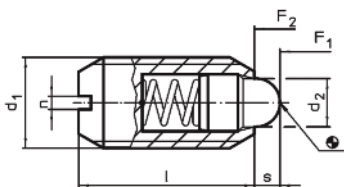
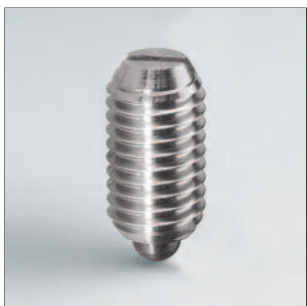
Standard Load



Heavy Load

Code	d1	d2	l	s	n	F1* (N)	F2* (N)	Spring
377500104	M4	1.8	9	1.5	0.6	4.5	12.5	Standard Load
377500105	M5	2.4	12	2	0.8	5	13	Standard Load
377500106	M6	2.7	14	2	1	6	17	Standard Load
377500108	M8	3.8	16	2	1.2	16	33	Standard Load
377500110	M10	4.5	19	2.5	1.5	19	42	Standard Load
377500112	M12	6.2	22	3.5	2	22	57	Standard Load
377500116	M16	8.5	24	4.5	2	38	78	Standard Load
377500120	M20	10	30	6.5	2.5	39	81	Standard Load
377500124	M24	13	34	8	3	72	155	Standard Load
377500306	M6	2.7	14	2	1	11	25	Heavy Load
377500308	M8	3.8	16	2	1.2	23	59	Heavy Load
377500310	M10	4.5	19	2.5	1.5	20	54	Heavy Load
377500312	M12	6.2	22	3.5	2	38	96	Heavy Load
377500316	M16	8.5	24	4.5	2	50	100	Heavy Load
377500320	M20	10	30	6.5	2.5	52	133	Heavy Load
377500324	M24	13	34	8	3	91	223	Heavy Load

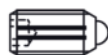
3775V STAINLESS STEEL SPRING PLUNGER WITH PIN & SLOT



Body: Stainless steel 1.4305 (SS).
Pin: Stainless steel 1.4305.
Stainless steel spring.
Temperature range up to 250°C.
Standard spring load: no marking.
Heavy spring load: marked with two lines.
* Statistical average value.



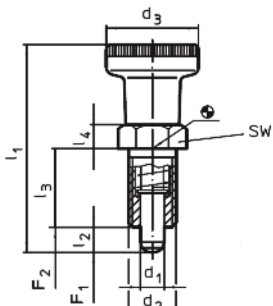
Standard Load



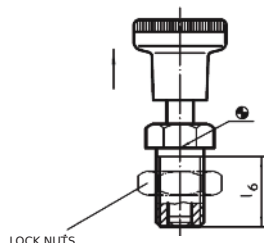
Heavy Load

Code	d1	d2	l	s	n	F1* (N)	F2* (N)	Spring
377500504	M4	1.8	9	1.5	0.6	4.5	12.5	Standard Load
377500505	M5	2.4	12	2	0.8	5	13	Standard Load
377500506	M6	2.7	14	2	1	6	17	Standard Load
377500508	M8	3.8	16	2	1.2	16	33	Standard Load
377500510	M10	4.5	19	2.5	1.5	19	42	Standard Load
377500512	M12	6.2	22	3.5	2	22	57	Standard Load
377500516	M16	8.5	24	4.5	2	38	78	Standard Load
377500520	M20	10	30	6.5	2.5	39	81	Standard Load
377500524	M24	13	34	8	3	72	155	Standard Load
377500706	M6	2.7	14	2	1	11	25	Heavy Load
377500708	M8	3.8	16	2	1.2	23	59	Heavy Load
377500710	M10	4.5	19	2.5	1.5	20	54	Heavy Load
377500712	M12	6.2	22	3.5	2	38	96	Heavy Load
377500716	M16	8.5	24	4.5	2	50	100	Heavy Load
377500720	M20	10	30	6.5	2.5	52	133	Heavy Load
377500724	M24	13	34	8	3	91	223	Heavy Load

3778SB STEEL INDEX PLUNGER WITHOUT LOCKING



Body: Free cutting steel, blackened.
Locking pin: Steel hardened.
Thermoplastic PA 6 knob, black, dull. Not removable.
Temperature range from - 30 °C up to + 80 °C.
Lock nuts have to be purchased separately.
* Statistical average value.



LOCK NUTS

Code	d2
377800115	M10x1,0
377800116	M12x1,5
377800118	M16x1,5
377800120	M20x1,5

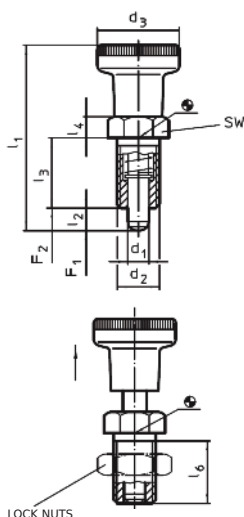
Code	d1	d2	d3	l1	l2	l3	l4	l6	WS	F1* (N)	F2* (N)
377800005	5	M10x1,0	21	45,0	5	17	5	15	12	6,0	14
377800006	6	M12x1,5	25	54,5	6	20	6	17	14	5,5	13
377800008	8	M16x1,5	31	69,0	8	26	8	23	19	11,5	28
377800010	10	M20x1,5	31	80,0	10	33	10	30	22	23,0	54

3778SB STAINLESS STEEL INDEX PLUNGER WITHOUT LOCKING



INOX
Stainless
Steel

Body: Stainless steel 1.4305.
Locking pin: Stainless steel 1.4305, nickel-plated.
Thermoplastic PA 6 knob, black, dull.
Not removable.
Temperature range from -30 °C up to +80 °C.
Lock nuts have to be purchased separately.
* Statistical average value.



Code	d1	d2	d3	l1	l2	l3	l4	l5	l6	WS	F1* (N)	F2* (N)
377800405	5	M10x1,0	21	45,0	5	17	5	15	12	6,0	14	
377800406	6	M12x1,5	25	54,5	6	20	6	17	14	5,5	13	
377800408	8	M16x1,5	31	69,0	8	26	8	23	19	11,5	28	
377800410	10	M20x1,5	31	80,0	10	33	10	30	22	23,0	54	



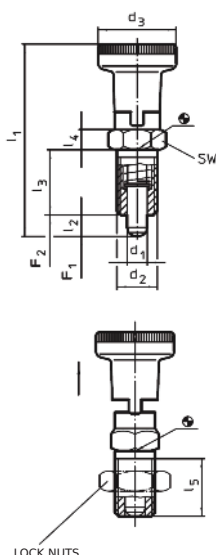
LOCK NUTS

Code	d2
377800515	M10x1,0
377800516	M12x1,5
377800518	M16x1,5
377800520	M20x1,5

3778CB STEEL INDEX PLUNGER WITH LOCKING



Body: Free cutting steel, blackened.
Locking pin: Steel, hardened.
Thermoplastic PA 6 knob, black, dull.
Not removable.
Temperature range from -30 °C up to +80 °C.
Lock nuts have to be purchased separately.
The knob can be locked by pulling it out and turning it 90°, when locking pin is in retracted position.
* Statistical average value.



Code	d1	d2	d3	l1	l2	l3	l4	l5	WS	F1* (N)	F2* (N)
377800205	5	M10x1,0	21	51,0	5	17	5	15	12	6,0	14
377800206	6	M12x1,5	25	61,0	6	20	6	17	14	5,5	13
377800208	8	M16x1,5	31	75,5	8	26	8	23	19	11,5	28
377800210	10	M20x1,5	31	91,0	10	33	10	30	22	23,0	54



LOCK NUTS

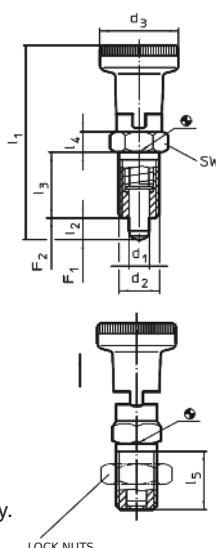
Code	d2
377800115	M10x1,0
377800116	M12x1,5
377800118	M16x1,5
377800120	M20x1,5

3778CB STAINLESS STEEL INDEX PLUNGER WITH LOCKING



INOX
Stainless
Steel

Body: Stainless steel 1.4305.
Locking pin: Stainless steel 1.4305, nickel-plated.
Thermoplastic PA 6 knob, black, dull. Not removable.
Temperature range from -30 °C up to +80 °C.
Lock nuts have to be purchased separately.
The knob can be locked by pulling it out and turning it 90°, when locking pin is in retracted position.
* Statistical average value.



Code	d1	d2	d3	l1	l2	l3	l4	l5	WS	F1* (N)	F2* (N)
377800605	5	M10x1,0	21	51,0	5	17	5	15	12	6,0	14
377800606	6	M12x1,5	25	61,0	6	20	6	17	14	5,5	13
377800608	8	M16x1,5	31	75,5	8	26	8	23	19	11,5	28
377800610	10	M20x1,5	31	91,0	10	33	10	30	22	23,0	54



LOCK NUTS

Code	d2
377800515	M10x1,0
377800516	M12x1,5
377800518	M16x1,5
377800520	M20x1,5