



Description

Material:

- body: free cutting steel, blackened; heat-treated steel+, tempered, blackened;
- pin: steel, case-hardened, blackened;
- spring: stainless steel.

Characteristics:

- assembly: spring plungers can be mounted and removed by means of the slot or internal hexagon. Please use a special assembly tool for mounting with a slot (pin side);
- suitable assembly tools (BA41) are available;
- to be used for ejecting, as a detent, for applying pressure or as a shock element;
- F (N) and F1 (N) in the table is the average statistical value of the spring force;
- *1: threaded pin glued (see technical drawing);
- *2: thread lock (Polyamide) type 1 and 2 (see technical drawing);
- temperature range for the free cutting steel from a minimum of -30°C to a maximum of 90°C; temperature range for the heat-treated steel body to a maximum of 50°C;
- type 1: standard spring load (no marking); type 2: heavy spring load (marked with two lines); type 3: standard spring load (no marking), without locking.

Special requests:

Special types on request.

Article Code	D	I1	D2	D1	L	L1	L2	I	F(N)	F1(N)	SW	Type	Material
BA13.0615.0350	M10	8	7,8	4,0	35	1,4	25	1,5	6	16			SST
BA13.1209.0350	M10	8	7,8	4,0	35	1,4	25	1,5	12	22			Steel
BA13.1215.0350	M10	8	7,8	4,0	35	2,0	25	1,5	12	22			SST
BA13.2009.0350	M10	8	7,8	4,0	35	1,4	25	1,5	6	16	3	1	Steel
BA13.0415.0430	M12	10	9,5	5,5	43	2,0	35	2,7	4	18			SST
BA13.0715.0430	M12	10	9,5	5,5	43	3,0	35	2,7	7	46			SST
BA13.2009.0430	M12	10	9,5	5,5	43	2,0	35	2,7	4	18	4	1	Steel
BA13.3009.0430	M12	10	9,5	5,5	43	2,0	35	2,7	7	46	4	2	Steel
BA13.0715.0480	M16	10	13,4	8,0	48	3,0	35	3,2	7	24			SST
BA13.1015.0480	M16	10	13,4	8,0	48	3,0	35	3,2	10	43			SST
BA13.2009.0480	M16	10	13,4	8,0	48	3,0	35	3,2	7	24	6	1	Steel
BA13.2009.0580	M16	10	13,4	8,0	58	3,0	35	3,2	15	42	6	1	Steel
BA13.3009.0480	M16	10	13,4	8,0	48	3,0	35	3,2	10	43	6	2	Steel
BA13.3009.0580	M16	10	13,4	8,0	58	3,0	35	3,2	14	84	6	2	Steel
BA13.2019.0800	M16	11	13,4	7,3	80	3,0	35	3,2	17	74	8	3	Steel+
BA13.0915.0580	M16	15	13,4	8,0	58	3,0	35	3,2	9	33			SST
BA13.1015.0580	M16	15	13,4	8,0	58	3,0	35	3,2	10	57			SST
BA13.2009.0581	M16	15	13,4	8,0	58	3,0	35	3,2	9	33	6	1	Steel
BA13.3009.0581	M16	15	13,4	8,0	58	3,0	35	3,2	10	57	6	2	Steel
BA13.0415.0580	M16	20	13,4	8,0	58	3,0	35	3,2	4	23			SST
BA13.0809.0580	M16	20	13,4	8,0	58	1,4	35	3,2	8	33			Steel

Article Code	D	I1	D2	D1	L	L1	L2	I	F(N)	F1(N)	SW	Type	Material
BA13.0815.0580	M16	20	13,4	8,0	58	3,0	35	3,2	8	33			SST
BA13.2009.0582	M16	20	13,4	8,0	58	3,0	35	3,2	4	23	6	1	Steel
BA13.2009.0830	M16	20	13,4	8,0	83	3,0	35	3,2	11	43	6	1	Steel
BA13.3009.0830	M16	20	13,4	8,0	83	3,0	35	3,2	18	72	6	2	Steel
BA13.2019.1200	M16	21	13,4	7,3	120	3,0	35	3,2	21	81	8	3	Steel+
BA13.1315.0980	M16	25	13,4	8,0	98	3,0	35	3,2	13	41			SST
BA13.2009.0980	M16	25	13,4	8,0	98	3,0	35	3,2	13	41	6	1	Steel
BA13.2015.0980	M16	25	13,4	8,0	98	3,0	35	3,2	20	70			SST
BA13.3009.0980	M16	25	13,4	8,0	98	3,0	35	3,2	20	70	6	2	Steel
BA13.1315.0981	M16	30	13,4	8,0	98	3,0	35	3,2	13	47			SST
BA13.2009.0981	M16	30	13,4	8,0	98	3,0	35	3,2	13	47	6	1	Steel
BA13.2009.1180	M16	30	13,4	8,0	118	3,0	35	3,2	24	110	6	1	Steel
BA13.2015.0981	M16	30	13,4	8,0	98	3,0	35	3,2	20	80			SST
BA13.3009.0981	M16	30	13,4	8,0	98	3,0	35	3,2	20	80	6	2	Steel
BA13.2019.1500	M16	31	13,4	7,3	150	3,0	35	3,2	21	89	8	3	Steel+
BA13.1315.1480	M16	40	13,4	8,0	148	3,0	35	3,2	13	63			SST
BA13.2009.1480	M16	40	13,4	8,0	148	3,0	35	3,2	13	63	6	1	Steel
BA13.2115.1480	M16	40	13,4	8,0	148	3,0	35	3,2	21	113			SST
BA13.3009.1480	M16	40	13,4	8,0	148	3,0	35	3,2	21	113	6	2	Steel
BA13.2019.2000	M16	41	13,4	7,3	200	3,0	35	3,2	16	80	8	3	Steel+
BA13.0715.1480	M16	50	13,4	8,0	148	3,0	35	3,2	7	43			SST
BA13.1315.1481	M16	50	13,4	8,0	148	3,0	35	3,2	13	75			SST
BA13.2009.1481	M16	50	13,4	8,0	148	3,0	35	3,2	7	43	6	1	Steel
BA13.3009.1481	M16	50	13,4	8,0	148	3,0	35	3,2	13	75	6	2	Steel
BA13.2019.2200	M22	21	19,0	9,0	130	4,0	50	3,5	80	214	8	3	Steel+
BA13.2019.1680	M22	31	19,0	9,0	168	4,0	50	3,5	70	210	8	3	Steel+
BA13.2019.2260	M22	41	19,0	9,0	226	4,0	50	3,5	76	208	8	3	Steel+
BA13.1415.0600	M24	15	19,6	10,0	60	3,0	45	3,7	14	87			SST
BA13.2009.0600	M24	15	19,6	10,0	60	3,0	45	3,7	14	87	8	1	Steel
BA13.3009.0600	M24	15	19,6	10,0	60	3,0	45	3,7	24	192	8	2	Steel
BA13.4015.0600	M24	15	19,6	10,0	60	3,0	45	3,7	40	192			SST

