



Description

Material:

- **body:** aluminum, silver passivated;
- **pin:** steel, case-hardened, blackened; stainless steel; thermoplastic (POM), white;
- **spring:** plastic.

Characteristics:

- **assembly:** installation by pressing in;
- to be used for positioning and applying pressure, e.g. during painting and sandblasting;
- F (N) and F1 (N) in the table is the (maximum) average statistical value of the spring force in pounds (lb);
- type 1: light spring load, blue spring; type 2: standard spring load, red spring; type 3: heavy spring load, green spring.

Formula:

Formula for calculating the center distance for the mounting hole:

- $L3 = L5/2 + L6 + L1$;
- L3 = center distance;
- L4 = work piece height;
- L6 = work piece length;
- L1 = stroke;
- L5 = stop diameter;

Calculation dimension L1 for workpiece with are greater than $L2 - D1/2$: $L1 = D1/2 - L1$. Calculation dimension L1 for workpiece with are smaller than $L2 - D1/2$:

$L1 = D1/2 - L1 - [(L2 - D1/2 - L4) \times 0,123]$.

Article Code	D	D1	F(N)	D2	L	L1	L2	Type	Material
BA46.1407.0440	1/2	0,315	11,1	0,500	0,553	0,048	0,515	2	Aluminum / Steel
BA46.1415.0440	1/2	0,315	11,1	0,500	0,553	0,048	0,515	2	Aluminum / SST
BA46.1445.0440	1/2	0,315	11,1	0,500	0,553	0,048	0,515	2	Aluminum / POM
BA46.1207.2220	1/2	0,315	22,2	0,500	0,553	0,048	0,515	3	Aluminum / Steel
BA46.1215.2220	1/2	0,315	22,2	0,500	0,553	0,048	0,515	3	Aluminum / SST
BA46.1245.2220	1/2	0,315	22,2	0,500	0,553	0,048	0,515	3	Aluminum / POM
BA46.7107.0670	1/4	0,118	2,2	0,250	0,295	0,016	0,145	1	Aluminum / Steel
BA46.7115.0670	1/4	0,118	2,2	0,250	0,295	0,016	0,145	1	Aluminum / SST
BA46.7145.0670	1/4	0,118	2,2	0,250	0,295	0,016	0,145	1	Aluminum / POM
BA46.7107.1350	1/4	0,118	4,4	0,250	0,295	0,016	0,145	2	Aluminum / Steel
BA46.7115.1350	1/4	0,118	4,4	0,250	0,295	0,016	0,145	2	Aluminum / SST
BA46.7145.1350	1/4	0,118	4,4	0,250	0,295	0,016	0,145	2	Aluminum / POM
BA46.5807.8000	5/8	0,394	80,0	0,625	0,675	0,062	0,678	2	Aluminum / Steel
BA46.5815.8000	5/8	0,394	80,0	0,625	0,675	0,062	0,678	2	Aluminum / SST
BA46.5845.8000	5/8	0,394	80,0	0,625	0,675	0,062	0,678	2	Aluminum / POM
BA46.5807.1600	5/8	0,394	160,0	0,625	0,675	0,062	0,678	3	Aluminum / Steel
BA46.5815.1600	5/8	0,394	160,0	0,625	0,675	0,062	0,678	3	Aluminum / SST
BA46.5845.1600	5/8	0,394	160,0	0,625	0,675	0,062	0,678	3	Aluminum / POM
BA46.7107.0440	7/16	0,197	6,7	0,438	0,374	0,032	0,287	1	Aluminum / Steel
BA46.7115.0440	7/16	0,197	6,7	0,438	0,374	0,032	0,287	1	Aluminum / SST

Article Code	D	D1	F(N)	D2	L	L1	L2	Type	Material
BA46.7145.0440	7/16	0,197	6,7	0,438	0,374	0,032	0,287	1	Aluminum / POM
BA46.7107.0671	7/16	0,197	13,5	0,438	0,374	0,032	0,287	2	Aluminum / Steel
BA46.7115.0671	7/16	0,197	13,5	0,438	0,374	0,032	0,287	2	Aluminum / SST
BA46.7145.0671	7/16	0,197	13,5	0,438	0,374	0,032	0,287	2	Aluminum / POM
BA46.7107.2000	7/16	0,197	20,0	0,438	0,374	0,032	0,287	3	Aluminum / Steel
BA46.7115.2000	7/16	0,197	20,0	0,438	0,374	0,032	0,287	3	Aluminum / SST
BA46.7145.2000	7/16	0,197	20,0	0,438	0,374	0,032	0,287	3	Aluminum / POM
BA46.1407.0220	7/16	0,236	4,4	0,438	0,374	0,040	0,406	1	Aluminum / Steel
BA46.1415.0220	7/16	0,236	4,4	0,438	0,374	0,040	0,406	1	Aluminum / SST
BA46.1445.0220	7/16	0,236	4,4	0,438	0,374	0,040	0,406	1	Aluminum / POM
BA46.1207.1110	7/16	0,236	6,7	0,438	0,374	0,040	0,406	2	Aluminum / Steel
BA46.1215.1110	7/16	0,236	6,7	0,438	0,374	0,040	0,406	2	Aluminum / SST
BA46.1245.1110	7/16	0,236	6,7	0,438	0,374	0,040	0,406	2	Aluminum / POM
BA46.7107.1351	7/16	0,236	13,5	0,438	0,374	0,040	0,406	3	Aluminum / Steel
BA46.7115.1351	7/16	0,236	13,5	0,438	0,374	0,040	0,406	3	Aluminum / SST
BA46.7145.1351	7/16	0,236	13,5	0,438	0,374	0,040	0,406	3	Aluminum / POM