



弹簧/氮气弹簧

压缩弹簧 外径基准不锈钢型



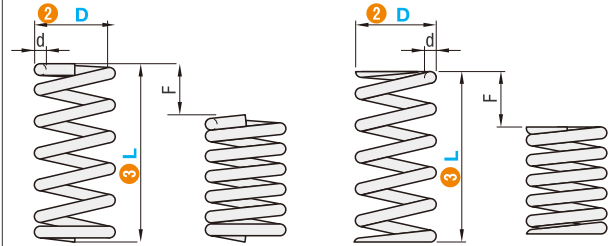
型号(1代码·2D) — (3)L
LBSL16 — 80

■ 请按步骤①~③选择型号和参数后进行订购。



型号区分: 5 天发货
代码

LBSL
LBSTT



闭口端(*尺寸两端面均未进行磨削加工) 闭口端(两端面均经磨削加工)

材质 SUS304-WPB 弹簧常数 ±10% 外径D $\phi 10$ 以下 $-0.5mm$
 $\phi 12$ 以上 $-0.8mm$

■ LBSL : $F_{max.}(\text{容许位移量}) = L \times 40\%$

型号	d	压紧长度	F max.	N(kgf) max.
1 代码 2 D-3 L				
LBSL 2-5*	0.2	1.65	2	0.98 {0.1}
10*	0.26	5.07	4	1.96 {0.2}
15*	0.26	5.07	6	2.94 {0.3}
20*	0.3	9.9	8	3.92 {0.4}
25*	0.32	14.1	10	4.90 {0.5}
30*	0.32	14.1	12	5.88 {0.6}
LBSL 3-5*	0.30	2	2	2.0 {0.2}
10*	0.35	3.7	4	3.9 {0.4}
15*	0.4	6.6	6	5.9 {0.6}
20*	0.4	6.6	8	7.8 {0.8}
25*	0.45	11.7	10	9.8 {1}
30*	0.45	11.7	12	11.8 {1.2}
35*	0.45	11.7	14	13.7 {1.4}
40*	0.5	20	16	15.7 {1.6}
LBSL 4-5*	0.35	2.1	2	2.0 {0.2}
10*	0.45	5.3	4	3.9 {0.4}
15*	0.45	5.3	6	5.9 {0.6}
20*	0.5	8	8	7.8 {0.8}
25*	0.5	8	10	9.8 {1}
30*	0.55	12.7	12	11.8 {1.2}
35	0.55	12.7	14	13.7 {1.4}
40	0.6	19.8	16	15.7 {1.6}
45	0.6	19.8	18	17.7 {1.8}
50	0.6	19.8	20	19.6 {2}
60	0.65	29.9	24	23.5 {2.4}
LBSL 5-5	0.4	2.2	2	2.0 {0.2}
10	0.5	4.75	4	3.9 {0.4}
15	0.5	4.75	6	5.9 {0.6}
20	0.55	6.88	8	7.8 {0.8}
25	0.55	6.88	10	9.8 {1}
30	0.65	14.95	12	11.8 {1.2}
35	0.65	14.95	14	13.7 {1.4}
40	0.65	14.95	16	15.7 {1.6}
45	0.7	21.7	18	17.7 {1.8}
50	0.7	21.7	20	19.6 {2}
60	0.75	30.75	24	23.5 {2.4}
LBSL 6-5*	0.45	2.3	2	2.0 {0.2}
10*	0.55	4.4	4	3.9 {0.4}
15*	0.55	4.4	6	5.9 {0.6}
20	0.65	8.5	8	7.8 {0.8}
25	0.65	8.5	10	9.8 {1}
30	0.7	12.6	12	11.8 {1.2}
35	0.7	12.6	14	13.7 {1.4}
40	0.7	12.6	16	15.7 {1.6}
45	0.75	17.3	18	17.7 {1.8}
50	0.75	17.3	20	19.6 {2}
60	0.8	24.8	24	23.5 {2.4}
70	0.8	24.8	28	27.5 {2.8}

型号	d	压紧长度	F max.	N(kgf) max.
1 代码 2 D-3 L				
LBSL 8-10	0.65	4.6	4	3.9 {0.4}
15	0.75	8.3	6	5.9 {0.6}
20	0.75	8.3	8	7.8 {0.8}
25	0.75	8.3	10	9.8 {1}
30	0.8	10.4	12	11.8 {1.2}
35	0.8	10.4	14	13.7 {1.4}
40	0.8	10.4	16	15.7 {1.6}
45	0.85	14.5	18	17.7 {1.8}
50	0.85	14.5	20	19.6 {2}
60	0.9	18	24	23.5 {2.4}
70	1.0	30	28	27.5 {2.8}
80	1.0	30	32	31.4 {3.2}
LBSL 10-10	0.75	4.7	4	3.9 {0.4}
15	0.8	6.2	6	5.9 {0.6}
20	0.8	6.2	8	7.8 {0.8}
25	0.9	9.5	10	9.8 {1}
30	0.9	9.5	12	11.8 {1.2}
35	0.9	9.5	14	13.7 {1.4}
40	1.0	15.5	16	15.7 {1.6}
45	1.0	15.5	18	17.7 {1.8}
50	1.0	15.5	20	19.6 {2}
60	1.1	23.7	24	23.5 {2.4}
70	1.1	23.7	28	27.5 {2.8}
80	1.1	23.7	32	31.4 {3.2}
LBSL 12-15	0.9	6.75	6	5.9 {0.6}
20	1	10	8	7.8 {0.8}
25	1	10	10	9.8 {1.0}
30	1.1	14.85	12	11.8 {1.2}
35	1.1	14.85	14	13.7 {1.4}
40	1.2	21.6	16	15.7 {1.6}
45	1.2	21.6	18	17.7 {1.8}
50	1.2	21.6	20	19.6 {2.0}
60	1.3	32.5	24	23.5 {2.4}
70	1.3	32.5	28	27.5 {2.8}
80	1.4	46.2	32	31.4 {3.2}

型号	d	压紧长度	F max.	N(kgf) max.
1 代码 2 D-3 L				
LBSL 13-15	0.9	5.4	6	5.9 {0.6}
20	1.0	8.25	8	7.8 {0.8}
25	1.0	8.25	10	9.8 {1}
30	1.1	12.1	12	11.8 {1.2}
35	1.1	12.1	14	13.7 {1.4}
40	1.1	12.1	16	15.7 {1.6}
45	1.2	16.8	18	17.7 {1.8}
50	1.2	16.8	20	19.6 {2}
60	1.2	16.8	24	23.5 {2.4}
70	1.4	35	28	27.5 {2.8}
80	1.4	35	32	31.4 {3.2}
LBSL 16-15	1.1	7.7	6	5.9 {0.6}
20	1.1	7.7	8	7.8 {0.8}
25	1.2	10.8	10	9.8 {1}
30	1.2	10.8	12	11.8 {1.2}
35	1.3	14.3	14	13.7 {1.4}
40	1.3	14.3	16	15.7 {1.6}
45	1.4	19.6	18	17.7 {1.8}
50	1.4	19.6	20	19.6 {2}
60	1.4	19.6	24	23.5 {2.4}
70	1.5	27	28	27.5 {2.8}
80	1.5	27	32	31.4 {3.2}
LBSL 20-20	1.6	10.4	8	23.5 {2.4}
25	1.6	10.4	10	29.4 {3}
30	1.7	12.8	12	35.3 {3.6}
35	1.7	12.8	14	41.2 {4.2}
40	1.8	15.3	16	47.1 {4.8}
45	1.8	15.3	18	53.0 {5.4}
50	2	23	20	58.8 {6}
60	2	23	24	70.6 {7.2}
70	2.2	35.2	28	82.4 {8.4}
80	2.2	35.2	32	94.1 {9.6}

kgf(负载) = $N/mm(\text{弹簧常数}) \times 0.101972 \times F(\text{位移量})$

{kgf} = $N \times 0.101972$

Ⓢ所有带*号的型式两端面未进行磨削加工。