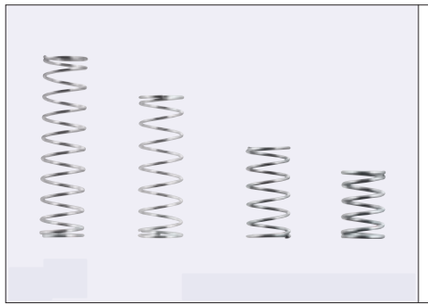
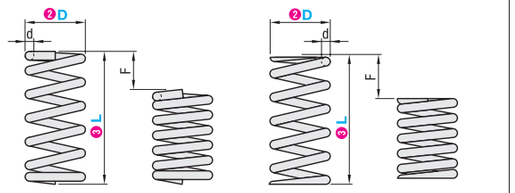
请按照选型步骤❶～❸选择型式和参数后进行订购。

Order 订货范例

型式（❶Type · ❷D）	－	❸L
RDUBB16	－	80



RDUBB



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)

弹簧常数　±10%　外径D　φ10以下 $^{0}_{-0.5mm}$　φ12以上 $^{0}_{-0.8mm}$　自由长度L　50以下±1.5mm　55以上±2.5mm

■RDUBB：Fmax.(容许位移量)＝L×Fa%

型式 ❶Type ❷D－❸L	d	压紧长度	F max.	N{kgf} max.	Fa%
RDUBB 4－5＊	0.55	3.3	1.25	6.1 { 0.63}	25
10	0.65	7.0	2.5	12.3{ 1.3}	
15	0.7	10.3	3.75	18.4{ 1.9}	
20	0.75	14.4	5	24.5{ 2.5}	
25	0.8	19.4	5	24.5{ 2.5}	20
RDUBB 5－5	0.6	2.9	1.25	6.1 { 0.63}	25
10	0.75	6.9	2.5	12.3{ 1.3}	
15	0.8	9.8	3.75	18.4{ 1.9}	
20	0.85	13.4	5	24.5{ 2.5}	
25	0.9	17.8	6.25	30.6{ 3.1}	
30	0.9	21.8	7.5	36.8{ 3.8}	
RDUBB 6－5	0.8	3.6	1.25	12.3{ 1.3}	25
10	0.9	6.8	2.5	24.5{ 2.5}	
15	1	10.5	3.75	36.8{ 3.8}	
20	1.1	14.6	5	49.0{ 5.0}	
25	1.1	17.9	6.25	61.3{ 6.3}	
30	1.2	23.1	6	58.8{ 6.0}	20
35	1.2	27.3	7	68.6{ 7.0}	
40	1.2	31.2	8	78.5{ 8.0}	
45	1.3	34.8	9	88.3{ 9.0}	
50	1.3	38.4	10	98.1{10.0}	
60	1.3	44.2	9	88.3{ 9.0}	15
70	1.4	58.5	10.5	103 {10.5}	
RDUBB 8－10	1.1	6.9	2.5	24.5{ 2.5}	25
15	1.2	9.9	3.75	36.8{ 3.8}	
20	1.3	14.0	5	49.0{ 5.0}	
25	1.3	14.5	6.25	61.3{ 6.3}	
30	1.4	21.4	7.5	73.5{ 7.5}	
35	1.4	22.0	8.75	85.8{ 8.8}	
40	1.5	28.9	10	98.1{10.0}	
45	1.5	32.6	11.25	110 {11.3}	
RDUBB10－10	1.3	7.2	2.5	24.5{ 2.5}	25
15	1.4	10.2	3.75	36.8{ 3.8}	
20	1.5	13.9	5	49.0{ 5.0}	
25	1.5	16.1	6.25	61.3{ 6.3}	
30	1.6	20.4	7.5	73.5{ 7.5}	
35	1.6	22.8	8.75	85.8{ 8.8}	
40	1.7	27.2	10	98.1{10.0}	
45	1.7	30.6	11.25	110 {11.3}	
50	1.8	36.5	12.5	123 {12.5}	
60	1.8	41.4	15	147 {15.0}	
70	1.9	50.8	17.5	172 {17.5}	

型式 ❶Type ❷D－❸L	d	压紧长度	F max.	N{kgf} max.	Fa%
RDUBB12－15	1.5	9.4	3.75	36.8{ 3.8}	25
20	1.6	12.4	5	49.0{ 5.0}	
25	1.7	16.2	6.25	61.3{ 6.3}	
30	1.8	20.3	7.5	73.5{ 7.5}	
40	1.9	28.0	10	98.1{10.0}	25
50	2	35.5	12.5	123 {12.5}	
60	2.1	43.6	15	147 {15.0}	
70	2.1	48.8	17.5	172 {17.5}	
80	2.2	58.5	20	196 {20.0}	
RDUBB13－15	1.8	9.5	3.75	73.5{ 7.5}	25
20	1.9	12.9	5	98.1{10.0}	
25	2	17.0	6.25	123 {12.5}	
30	2.1	20.5	7.5	147 {15.0}	
40	2.3	28.2	10	196 {20.0}	
45	2.3	32.2	11.25	221 {22.5}	
50	2.4	36.0	12.5	245 {25.0}	
60	2.5	44.4	12	235 {24.0}	20
70	2.6	54.0	14	275 {28.0}	
RDUBB14－15	1.9	10.0	3.75	73.5{ 7.5}	25
20	2	13.5	5	98.1{10.0}	
25	2.1	16.3	6.25	123 {12.5}	
30	2.3	21.3	7.5	147 {15.0}	
35	2.3	24.7	8.75	172 {17.5}	
40	2.4	28.2	10	196 {20.0}	
60	2.6	43.6	15	294 {30.0}	
80	2.7	61.4	16	314 {32.0}	20

型式 ❶Type ❷D－❸L	d	压紧长度	F max.	N{kgf} max.	Fa%
RDUBB16－15	2	10.0	3.75	73.5{ 7.5}	25
20	2.1	12.1	5	98.1{10.0}	
25	2.3	17.3	6.25	123 {12.5}	
30	2.4	21.0	7.5	147 {15.0}	
35	2.5	24.4	8.75	172 {17.5}	
40	2.6	28.0	10	196 {20.0}	
45	2.7	31.7	11.25	221 {22.5}	
50	2.7	35.8	12.5	245 {25.0}	
60	2.9	43.5	15	294 {30.0}	
70	2.9	49.4	17.5	343 {35.0}	
80	3	59.3	16	314 {32.0}	20
RDUBB20－25	2.9	16.7	6.25	184 {18.8}	25
30	3	20.3	7.5	221 {22.5}	
35	3	22.7	8.75	257 {26.3}	
40	3.2	27.2	10	294 {30.0}	
45	3.2	29.6	9	265 {27.0}	20
50	3.4	38.3	10	294 {30.0}	
60	3.5	44.6	12	353 {36.0}	

■弹簧常数

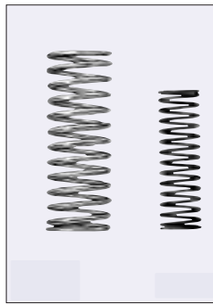
D Type	UV	UY	UR	UF	UL	UTT	UM	UH	RDUBB
2		0.05(0.005)	0.2(0.02)	0.3(0.03)	0.5(0.05)				
3						N/mm 1.5 (kgf/mm) {0.15}			
4	N/mm 0.05 (kgf/mm) {0.005}	N/mm 0.098 (kgf/mm) {0.01}					2.0(0.2)	2.9(0.3)	4.9(0.5)
5									
6			N/mm 0.29 (kgf/mm) {0.03}	N/mm 0.49 (kgf/mm) {0.05}	N/mm 0.98 (kgf/mm) {0.1}	N/mm 2.0 (kgf/mm) {0.2}	N/mm 2.9 (kgf/mm) {0.3}	N/mm 5.9 (kgf/mm) {0.6}	N/mm 9.8 (kgf/mm) {1.0}
8									
10		N/mm 0.2 (kgf/mm) {0.02}							
12									
13								N/mm 9.8 (kgf/mm) {1.0}	N/mm 19.6 (kgf/mm) {2.0}
14									
16									
20		0.3(0.03)	0.5(0.05)	0.98(0.1)	2.9(0.3)	3.9(0.4)	4.9(0.5)	14.7(1.5)	29.4(3.0)
Fmax.	F=L×70%	F=L×Fa%	F=L×Fa%	F=L×45%	F=L×40%	F=L×Fa%	F=L×Fa%	F=L×Fa%	F=L×Fa%

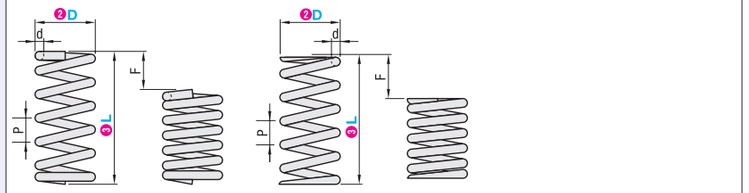
交货期　报价确定

请按照选型步骤❶～❹选择型式和参数后进行订购。

Order 订货范例

型式（❶Type · ❷D）	－	❸L	－	负载类型 ❹A · B
RDFWF10	－	119	－	A





闭口端(两端面均未进行磨削加工)　D尺寸公差　φ5～14±0.3　φ15～27±0.4

闭口端(两端面均经磨削加工)　L尺寸公差　0～ 50±1　51～100±2　101～250±4

型式 ❶Type	❷D	指定单位1mm ❸L	负载类型选择 ❹	最大负载N{kgf} RD-SWP－A RD-FWR60%	RD-FWF50%	RD-FWT40%	RD-SUS304－WPB RD-FUR60%	RD-FUF50%	RD-FUT40%	d RD-FWR RD-FUR	RD-FWF RD-FUF	RD-FWT RD-FUT	P（参考） RD-FWR RD-FUR	RD-FWF RD-FUF	RD-FWT RD-FUT
RDFWR RDFWF RDFWT RDFUR RDFUF RDFUT	5	15～ 65	A	2.8 {0.29}	5.2 {0.53}	8.1 {0.83}	2.5 {0.25}	4.5 {0.46}	7.1 {0.73}	0.4	0.5	0.6	1.8	1.5	1.3
			B	3.7 {0.38}	6.7 {0.69}	10.6 {1.08}	3.3 {0.33}	5.9 {0.60}	9.3 {0.95}				2.3	1.9	1.7
	6	15～ 80	A	2.9 {0.30}	7.3 {0.75}	9.9 {1.01}	2.5 {0.26}	6.4 {0.65}	8.7 {0.89}	0.45	0.6	0.7	2.0	1.7	1.5
			B	3.8 {0.38}	9.6 {0.97}	12.9 {1.32}	3.3 {0.34}	8.4 {0.85}	11.3 {1.15}				2.6	2.3	1.9
	7	15～ 90	A	3.1 {0.32}	10.1 {1.03}	11.5 {1.17}	2.7 {0.28}	8.8 {0.90}	10.0 {1.02}	0.5	0.7	0.8	2.2	2.0	1.7
			B	4.0 {0.41}	13.1 {1.34}	14.9 {1.52}	3.5 {0.36}	11.5 {1.17}	13.0 {1.33}				2.9	2.7	2.2
	8	20～100	A	5.2 {0.53}	12.2 {1.24}	13.8 {1.41}	4.6 {0.47}	10.7 {1.09}	12.1 {1.23}	0.6	0.8	0.9	2.7	2.2	1.9
			B	6.8 {0.70}	15.9 {1.62}	17.9 {1.83}	6.0 {0.61}	13.9 {1.42}	15.7 {1.60}				3.5	2.9	2.4
	9	19～110	A	8.1 {0.83}	17.4 {1.78}	22.1 {2.25}	7.1 {0.72}	15.2 {1.56}	19.3 {1.97}	0.7	0.9	1.0	2.9	2.5	2.6
			B	10.0 {1.02}	20.6 {2.09}	27.5 {2.80}	8.7 {0.89}	17.9 {1.83}	24.0 {2.45}				3.5	2.9	3.3
	10	20～120	A	10.6 {1.08}	19.2 {1.96}	30.5 {3.11}	9.3 {0.95}	16.9 {1.72}	26.7 {2.72}	0.8	1.0	1.2	3.4	2.8	2.5
			B	13.7 {1.40}	24.9 {2.54}	39.5 {4.03}	12.1 {1.23}	21.8 {2.22}	34.6 {3.53}				4.4	3.6	3.2
	11	21～130	A	9.0 {0.92}	17.2 {1.75}	27.9 {2.85}	7.9 {0.80}	15.0 {1.53}	24.4 {2.49}	0.8	1.0	1.2	3.5	3.3	2.9
			B	12.6 {1.28}	22.9 {2.33}	36.3 {3.70}	11.0 {1.12}	20.0 {2.04}	31.7 {3.24}				4.9	4.3	3.8
	12	25～140	A	11.0 {1.12}	27.6 {2.81}	37.7 {3.84}	9.6 {0.98}	24.1 {2.46}	33.0 {3.34}	0.9	1.2	1.4	3.8	3.3	2.9
			B	14.2 {1.45}	35.8 {3.65}	48.9 {4.99}	12.5 {1.27}	31.3 {3.19}	42.9 {4.37}				4.9	4.3	3.8
	13	24～150	A	10.5 {1.07}	26.5 {2.70}	35.7 {3.63}	9.1 {0.93}	23.2 {2.37}	31.1 {3.18}	0.9	1.2	1.4	4.2	3.9	3.3
			B	13.4 {1.37}	34.6 {3.52}	46.4 {4.73}	11.7 {1.20}	30.2 {3.08}	40.5 {4.13}				5.5	5.1	4.3
	14	30～160	A	11.6 {1.18}	37.7 {3.84}	45.9 {4.68}	10.1 {1.03}	33.0 {3.36}	40.2 {4.10}	1.0	1.4	1.6	4.2	3.9	3.3
			B	15.1 {1.54}	48.9 {4.99}	59.6 {6.08}	13.1 {1.34}	42.8 {4.36}	52.2 {5.32}				5.5	5.1	4.3
	15	27～170	A	11.4 {1.16}	36.8 {3.75}	44.4 {4.53}	9.9 {1.01}	32.1 {3.28}	38.8 {3.96}	1.0	1.4	1.6	5.0	4.5	3.7
			B	14.9 {1.51}	47.1 {4.80}	56.6 {5.77}	14.9 {1.33}	41.1 {4.20}	49.4 {5.05}				6.5	5.8	4.8
	16	30～180	A	19.4 {1.98}	49.7 {5.07}	55.1 {5.62}	17.0 {1.73}	43.4 {4.43}	48.2 {4.91}	1.2	1.6	1.8	5.0	4.5	3.7
			B	25.1 {2.56}	64.5 {6.58}	71.2 {7.26}	22.0 {2.24}	56.5 {5.76}	62.6 {6.38}				6.5	5.8	4.8
	17	31～190	A	19.6 {2.00}	47.9 {4.88}	53.5 {5.45}	17.1 {1.75}	41.8 {4.27}	46.7 {4.77}	1.2	1.6	1.8	5.9	5.0	4.1
			B	25.3 {2.57}	62.0 {6.32}	69.9 {7.13}	22.0 {2.25}	54.1 {5.53}	61.0 {6.24}				7.7	6.5	5.4
	18	35～200	A	29.9 {3.05}	62.1 {6.33}	65.2 {6.65}	26.2 {2.67}	54.3 {5.54}	57.1 {5.82}	1.4	1.8	2.0	5.9	5.0	4.1
			B	38.9 {3.97}	80.7 {8.23}	84.6 {8.63}	34.0 {3.47}	70.6 {7.2}	74.0 {7.55}				7.7	6.5	5.4
	20	40～200	A	42.7 {4.35}	76.9 {7.84}	99.0 {10.1}	37.4 {3.81}	67.3 {6.86}	86.6 {8.83}	1.6	2.0	2.3	6.7	5.5	4.8
			B	55.2 {5.63}	100 {10.2}	128 {13.1}	48.3 {4.93}	87.2 {8.89}	113 {11.5 }				8.7	7.2	6.3
	23	45～200	A	51.9 {5.29}	103.0 {10.50}	121.0 {12.34}	45.4 {4.63}	90.2 {9.20}	106.0 {10.81}	1.8	2.3	2.6	7.8	6.4	5.5
			B	67.4 {6.87}	133.0 {13.56}	156.0 {15.91}	58.9 {6.01}	113.0 {11.52}	137.0 {13.97}				10.1	8.1	7.1
	25	50～250	A	64.5 {6.58}	153.5 {15.64}	178.6 {18.20}	56.3 {5.75}	133.9 {13.68}	155.9 {15.93}	2.0	2.6	2.9	7.8	7.1	6.3
			B	82.4 {8.39}	172.0 {17.53}	214.3 {21.84}	71.9 {7.34}	150.1 {15.34}	187.0 {19.11}				10.2	8.0	7.9
	27	70～250	A	86.0 {8.77}	195.0 {19.87}	220.3 {22.45}	75.0 {7.67}	170.2 {17.39}	192.3 {19.64}	2.3	2.9	3.2	7.5	7.4	6.7
			B	110.9 {11.30}	214.2 {21.83}	274.0 {27.92}	96.8 {9.89}	187.0 {19.10}	239.1 {24.43}				9.6	8.1	8.6

交货期　报价确定