

DWR 塑膠模用耐熱彈簧(銀色)

DWR HEATPROOF SPRING FOR PLASTIC MOLD (SILVER)



DAEWON MEGA COIL SPRING (D.W.S.)

■ 特點

- 最大自由長為60%時耐用壽命是30萬次
- 初壓自由長50%以上,使用變形量為自由長的50%耐用壽命可達100萬次

■ 容許差

直徑	外徑	內徑	自由長度	卷曲方向	直角度	荷重	密著長
Φ8	14.5 ⁺⁰ _{-0.4}	9.0 ^{+0.4} ₋₀	50以下±0.5	右	2° 以下	±10%	自由長度40%
Φ10	17.0 ⁺⁰ _{-0.6}	11.0 ^{+0.6} ₋₀					
Φ12	21.0 ⁺⁰ _{-0.8}	13.0 ^{+0.8} ₋₀	55以上±1%				
Φ15	26.0 ⁺⁰ ₋₁	16.5 ⁺¹ ₋₀					
Φ20	32.0 ⁺⁰ ₋₁	21.0 ⁺¹ ₋₀					
Φ25	39.0 ⁺⁰ ₋₁	26.0 ⁺¹ ₋₀					
Φ30	46.0 ⁺⁰ _{-1.2}	32.0 ^{+1.2} ₋₀					

■ 外徑增長規律

DWR14.5	DWR17	DWR21	DWR26	DWR32	DWR39	DWR46
+0.15	+0.1	+0.1	+0.15	+0.2	+0.26	+0.4



DWR

DWR 塑膠模用耐熱彈簧 (銀色)

DWR HEATPROOF SPRING FOR PLASTIC MOLD (SILVER)

呼稱 型號	外徑 (mm)	內徑 (mm)	自由長 (mm)	密著長 (mm)	定數 (kgf/mm)	自由長x40%		自由長x45%		自由長x50%	
						壓縮量 (mm)	荷重 kgf(N)	壓縮量 (mm)	荷重 kgf(N)	壓縮量 (mm)	荷重 kgf(N)
DWR 14.5x20	14.5	9.0	20	8.0	1.10	8.0	9.0 (88.3)	9.0	10.0 (98.1)	10.0	11.0 (107.9)
25			25	10.0	0.88	10.0		11.3		12.5	
30			30	12.0	0.73	12.0		13.5		15.0	
35			35	14.0	0.63	14.0		15.8		17.5	
40			40	16.0	0.55	16.0		18.0		20.0	
45			45	18.0	0.49	18.0		20.3		22.5	
50			50	20.0	0.44	20.0		22.5		25.0	
55			55	22.0	0.40	22.0		24.8		27.5	
60			60	24.0	0.37	24.0		27.0		30.0	
65			65	26.0	0.34	26.0		29.3		32.5	
70			70	28.0	0.31	28.0		31.5		35.0	
75			75	30.0	0.29	30.0		33.8		37.5	
80			80	32.0	0.28	32.0		36.0		40.0	
90			90	36.0	0.24	36.0		40.5		45.0	
100	100	40.0	0.22	40.0	45.0	50.0					
125	125	50.0	0.18	50.0	56.3	62.5					
DWR 17x25	17.0	11.0	25	10.0	1.52	10.0	15.0 (147.1)	11.3	17.0 (166.7)	12.5	19.0 (186.3)
30			30	12.0	1.27	12.0		13.5		15.0	
35			35	14.0	1.09	14.0		15.8		17.5	
40			40	16.0	0.95	16.0		18.0		20.0	
45			45	18.0	0.84	18.0		20.3		22.5	
50			50	20.0	0.76	20.0		22.5		25.0	
55			55	22.0	0.69	22.0		24.8		27.5	
60			60	24.0	0.63	24.0		27.0		30.0	
65			65	26.0	0.58	26.0		29.3		32.5	
70			70	28.0	0.54	28.0		31.5		35.0	
75			75	30.0	0.51	30.0		33.8		37.5	
80			80	32.0	0.48	32.0		36.0		40.0	
90			90	36.0	0.42	36.0		40.5		45.0	
100			100	40.0	0.38	40.0		45.0		50.0	
125	125	50.0	0.30	50.0	56.3	62.5					
150	150	60.0	0.25	60.0	67.5	75.0					
DWR 21x30	21.0	13.0	30	12.0	1.40	12.0	17.0 (166.7)	13.5	19.0 (186.3)	15.0	21.0 (205.9)
35			35	14.0	1.20	14.0		15.8		17.5	
40			40	16.0	1.05	16.0		18.0		20.0	
45			45	18.0	0.93	18.0		20.3		22.5	
50			50	20.0	0.84	20.0		22.5		25.0	
55			55	22.0	0.76	22.0		24.8		27.5	
60			60	24.0	0.70	24.0		27.0		30.0	
65			65	26.0	0.65	26.0		29.3		32.5	
70			70	28.0	0.60	28.0		31.5		35.0	
75			75	30.0	0.56	30.0		33.8		37.5	
80			80	32.0	0.53	32.0		36.0		40.0	
90			90	36.0	0.47	36.0		40.5		45.0	
100			100	40.0	0.42	40.0		45.0		50.0	
125			125	50.0	0.34	50.0		56.3		62.5	
150	150	60.0	0.28	60.0	67.5	75.0					
DWR 26x30	26.0	16.5	30	12.0	2.73	12.0	33.0 (323.0)	13.5	37.0 (362.8)	15.0	41.0 (402.1)
35			35	14.0	2.34	14.0		15.8		17.5	
40			40	16.0	2.05	16.0		18.0		20.0	
45			45	18.0	1.82	18.0		20.3		22.5	
50			50	20.0	1.64	20.0		22.5		25.0	
55			55	22.0	1.49	22.0		24.8		27.5	
60			60	24.0	1.37	24.0		27.0		30.0	
65			65	26.0	1.26	26.0		29.3		32.5	
70			70	28.0	1.17	28.0		31.5		35.0	
75			75	30.0	1.09	30.0		33.8		37.5	
80			80	32.0	1.03	32.0		36.0		40.0	
90			90	36.0	0.91	36.0		40.5		45.0	
100			100	40.0	0.82	40.0		45.0		50.0	
110			110	44.0	0.75	44.0		49.5		55.0	
125	125	50.0	0.66	50.0	56.3	62.5					
150	150	60.0	0.55	60.0	67.5	75.0					
175	175	70.0	0.47	70.0	78.8	87.5					
200	200	80.0	0.41	80.0	90.0	100.0					

DWR 塑膠模用耐熱彈簧 (銀色)

DWR HEATPROOF SPRING FOR PLASTIC MOLD (SILVER)



呼稱 型號	外徑 (mm)	內徑 (mm)	自由長 (mm)	密著長 (mm)	定數 (kgf/mm)	自由長x40%		自由長x45%		自由長x50%	
						壓縮量 (mm)	荷重 kgf(N)	壓縮量 (mm)	荷重 kgf(N)	壓縮量 (mm)	荷重 kgf(N)
DWR 32x40	32.0	21.0	40	16.0	2.55	16.0		18.0		20.0	
45			45	18.0	2.27	18.0		20.3		22.5	
50			50	20.0	2.04	20.0		22.5		25.0	
60			60	24.0	1.70	24.0		27.0		30.0	
70			70	28.0	1.46	28.0		31.5		35.0	
80			80	32.0	1.28	32.0		36.0		40.0	
90			90	36.0	1.13	36.0		40.5	46.0	45.0	51.0
100			100	40.0	1.02	40.0		45.0	(451.1)	50.0	(500.1)
110			110	44.0	0.93	44.0	41.0	(402.1)	49.5		
125			125	50.0	0.82	50.0		56.3		62.5	
150			150	60.0	0.68	60.0		67.5		75.0	
175			175	70.0	0.58	70.0		78.8		87.5	
200			200	80.0	0.51	80.0		90.0		100.0	
250			250	100.0	0.41	100.0		112.5		125.0	
300			300	120.0	0.34	120.0		135.0		150.0	
DWR 39x40	39.0	26.0	40	16.0	2.75	16.0		18.0		20.0	
45			45	18.0	2.44	18.0		20.3		22.5	
50			50	20.0	2.20	20.0		22.5		25.0	
60			60	24.0	1.83	24.0		27.0		30.0	
70			70	28.0	1.57	28.0		31.5		35.0	
80			80	32.0	1.38	32.0		36.0		40.0	
90			90	36.0	1.22	36.0		40.5	50.0	45.0	55.0
100			100	40.0	1.10	40.0		45.0	(409.3)	50.0	(539.4)
110			110	44.0	1.00	44.0	44.0	(431.5)	49.5		
125			125	50.0	0.88	50.0		56.3		62.5	
150			150	60.0	0.73	60.0		67.5		75.0	
175			175	70.0	0.63	70.0		78.8		87.5	
200			200	80.0	0.55	80.0		90.0		100.0	
250			250	100.0	0.44	100.0		112.5		125.0	
300			300	120.0	0.37	120.0		135.0		150.0	
DWR 46x50	46.0	32.0	50	20.0	2.48	20.0		22.5		25.0	
60			60	24.0	2.07	24.0		27.0		30.0	
70			70	28.0	1.77	28.0		31.5		35.0	
80			80	32.0	1.55	32.0		36.0		40.0	
90			90	36.0	1.38	36.0		40.5	56.0	45.0	62.0
100			100	40.0	1.24	40.0		45.0	(549.2)	50.0	(608.0)
110			110	44.0	1.13	44.0	50.0	(490.3)	49.5		
125			125	50.0	0.99	50.0		56.3		62.5	
150			150	60.0	0.83	60.0		67.5		75.0	
175			175	70.0	0.71	70.0		78.8		87.5	
200			200	80.0	0.62	80.0		90.0		100.0	
250			250	100.0	0.50	100.0		112.5		125.0	
300			300	120.0	0.41	120.0		135.0		150.0	

彈簧模具