■금형스프링 사용횟수와 압축비 관계 (Relationship between working times of spring and description rate)

사용횟수 Working Times / 종류 Deflection	100만회(자유장%) 1 million (% of free length)	50만회(자유장%) 0.5 million (% of free length)	30만회(자유장%) 0.3 million (% of free length)	최대변형량(자유장%) Max Description (% of free length)	색 별 Color
輕少荷重 Lightest Load	40.0%	45.0%	50.0%	Approx. 58.0%	황색 (Yellow)
輕荷重 Light Load	32.0%	36.0%	40.0%	Approx. 48.0%	청색 (Blue)
中荷重 Medium Load	25.6%	28.8%	32.0%	Approx. 38.0%	적색 (Red)
重荷重 Heavy Load	19.2%	21.6%	24.0%	Approx. 28.0%	녹색 (Green)
極重荷重 Super Load	16.0%	18.0%	20.0%	Approx. 24.0%	갈색(Brown)
高變形 High Deflection	40%	45%	50%	Approx. 60%	흰색(White)
中變形 Middle Deflection	40%	45%	50%	Approx. 60%	보라색(Purple)

※최대 변한량은 참고치입니다.

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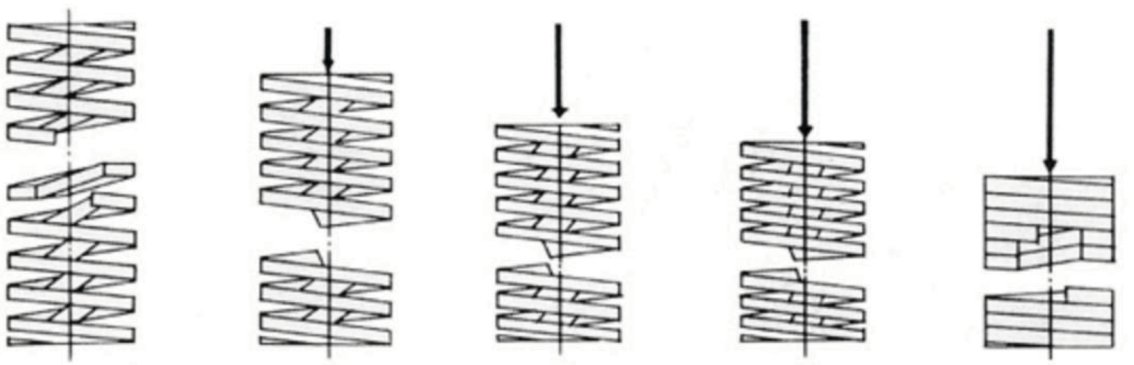

■금형스프링 허용공차 (Tolerance of Metal Mold Spring)

外徑 외경 Outer Dia.	內徑 내경 Inner Dia.	自由長 자유장 Free Length		荷重 하중 Load kgf	권방향 Coil Direction.
		50mm 이하 below 50mm	55mm이상 over 55mm		
+ 0mm − 0.7mm	+ 0.7mm + 0.1mm	±0.5mm	±1%	±10%	오른쪽 right

SF 輕少荷重 Lightest Load
SL 輕荷重 Light Load
SM 中荷重 Medium Load
SH 重荷重 Heavy Load
SB 極重荷重 Ultra Heavy Load
SR 高變形 High Deflection
SY 中變形 Milde Deflection