

# IT SPRING WIRE

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## 1 CHEMICAL COMPOSITION (%)

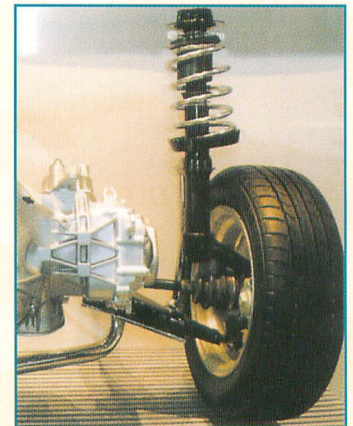
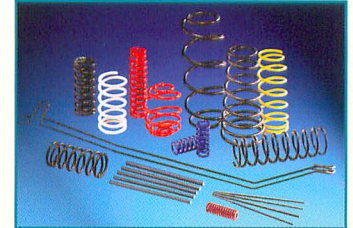
Type	C	Si	Mn	P	S	Cr
Cr-Si Alloy	0.51~0.59	1.20~1.60	0.50~0.80	Max 0.035	Max 0.040	0.50~0.80
Carbon	0.61~0.65	0.15~0.25	0.90~1.10	Max 0.035	Max 0.040	-

## 2 PHYSICAL PROPERTIES

Type	Grade	Size(mm)	T/S (N/mm <sup>2</sup> )	Reduction of Area (%)
Cr-Si Alloy	SWI-180	5.25~16.00	1716~1865	Min. 40
	SWI-200		1910~2060	Min. 35
Carbon	SWI-150	5.25~15.00	1420~1570	Min. 35
	SWI-165		1570~1715	Min. 35

## 3 SPECIFICATION

Type	DIN	ASTM	BS	JIS	EN
Cr-Si Alloy	17223/2 FD SiCr	A 401	2803 685A55HS	G 3560 SWOSC-B	10270-2 FDCrSi
Carbon	17223/2 FD	A 229	2803 094A65HS	G 3560 SWO-A,B	10270-2 FDC



**SAMHWA** is and will always be a vital member in the business world of the twenty-first century.

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