

# STAINLESS STEEL SPECIAL WIRE

## NF WIRE

NF(Nickel Free) Wire is suitable for the material of accessories contacting on human body.  
Magnetism : Strong

### Chemical Composition

							(Wt.%)
C	Si	Mn	P	S	Ni	Cr	
Max 0.04	Max 0.6	0.5 ~ 1.0	Max 0.01	Max 0.01	Max 0.05	16.0 ~ 17.0	

### Physical Characteristics

Specific Gravity (g/cm <sup>3</sup> )	Specific Heat (cal/g. °c)	Thermal Conduction (l/cal.sec. °c)	Thermal Expansion Factor
7.72	0.11	0.0626	10.4

### Mechanical Properties and Packing Type

Dia. (mm)	Dia. Tolerance (mm)	T/S (N/mm <sup>2</sup> )	Finish	Packing Type
0.20 ~ 0.90	+ 0, - 0.01	1100 ~ 1400	S-Co / Bright	20kg / Spool & Coil
1.00 ~ 4.50	+ 0, - 0.02	750 ~ 1050		30 ~ 100kg / Coil

