

Silk Wire

The new brand name of fine sized music and hard drawn wire of KISWIRE

- Excellent coilabilities by Special Manufacturing Process idealized for Fine Sized Wire
- Excellent surface qualities for Clean Environment
- Specialized Surface coating suitable for Customer's Manufacturing Process

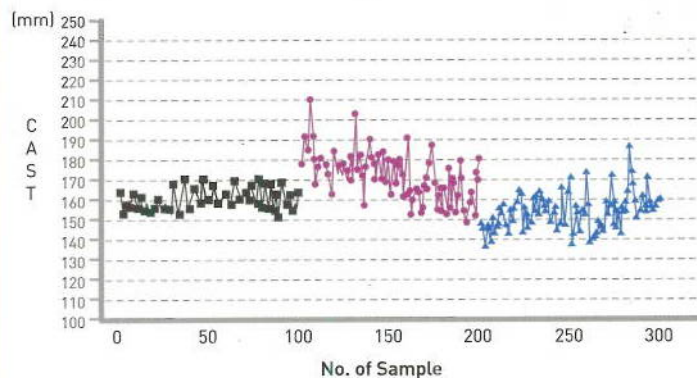
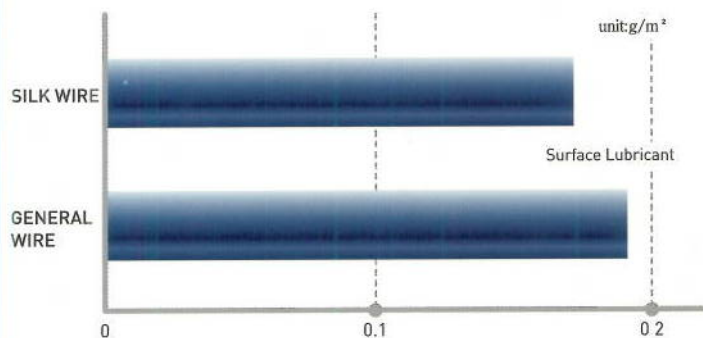
■ SILK WIRE

Classification	Product	Diameter(mm)	Applications	Remarks
Un-galvanized	Piano wire	0.08~0.60	Precision Spring	
	Hard drawn wire	0.08~0.60	Precision Spring, Etc.	
Galvanized	Piano wire	0.08~0.60	Precision Spring	Electric Galvanizing (For High Anti rusting)
	Hard drawn wire	0.08~0.60	Precision Spring, Etc.	

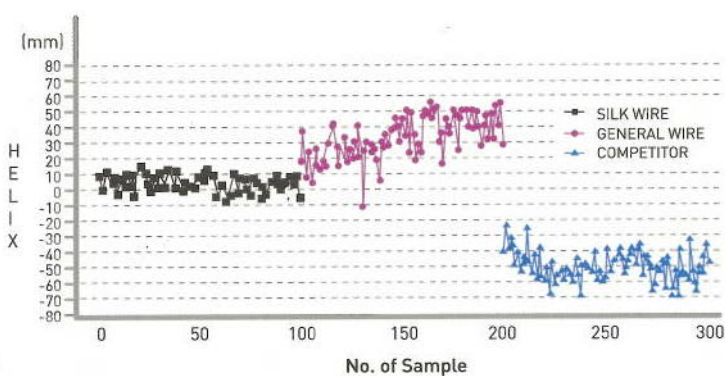
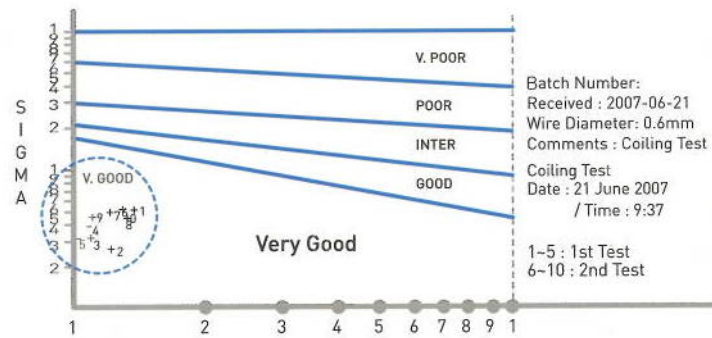
■ CHARACTERISTICS

- Minimized Quality Deviations and Excellent Fatigue Life by realizing Uniform Micro Structure.
- Excellent Spring Coilabilities by Uniform Wire Straightness.
- Excellent Surface Qualities for Realizing Clean Environment.

Remained Surface Lubricant



Spring Coilabilities



■ STANDARD DIAMETER AND CHARACTERISTICS (EN)

	DIA (mm)	PIANO WIRE(EN10270-1)			HARD DRAWN WIRE(EN 10270-1)			Zn Coating Weight(g/m ²)
		T/S(N/mm ²)		Zn Coating Weight(g/m ²)	T/S(N/mm ²)			
		Grade DM	Grade DH		Grade SL	Grade SM	Grade SH	
UN-Galv.	0.08	-	2800~3480	-	-	-	2800~3480	-
	0.09	-	2800~3430	-	-	-	2800~3430	-
	0.10	-	2800~3380	-	-	-	2800~3380	-
	0.11	-	2800~3350	-	-	-	2800~3350	-
	0.12	-	2800~3320	-	-	-	2800~3320	-
	0.14	-	2800~3250	-	-	-	2800~3250	-
	0.16	-	2800~3200	-	-	-	2800~3200	-
	0.18	-	2800~3160	-	-	-	2800~3160	-
	0.20	-	2800~3110	-	-	-	2800~3110	-
	0.22	-	2770~3080	-	-	-	2770~3080	-
	0.25	-	2720~3010	-	-	-	2720~3010	-
	0.28	-	2680~2970	-	-	-	2680~2970	-
	0.30	2370~2650	2660~2940	-	-	2370~2650	2660~2940	-
	0.32	2350~2630	2640~2920	-	-	2350~2630	2640~2920	-
	0.34	2330~2600	2610~2890	-	-	2330~2600	2610~2890	-
	0.36	2310~2580	2590~2870	-	-	2310~2580	2590~2870	-
	0.38	2290~2560	2570~2850	-	-	2290~2560	2570~2850	-
	0.40	2270~2550	2560~2830	-	-	2270~2550	2560~2830	-
	0.43	2250~2520	2530~2800	-	-	2250~2520	2530~2800	-
	0.45	2240~2500	2510~2780	-	-	2240~2500	2510~2780	-
0.48	2220~2480	2490~2760	-	-	2220~2480	2490~2760	-	
0.50	2200~2470	2480~2740	-	-	2200~2470	2480~2740	-	
0.53	2180~2450	2460~2720	-	-	2180~2450	2460~2720	-	
0.56	2170~2430	2440~2700	-	-	2170~2430	2440~2700	-	
0.60	2140~2400	2410~2670	-	-	2140~2400	2410~2670	-	
Zinc Galv.	0.08	-	3190~3480	Min 10	-	-	3190~3480	Min 10
	0.09	-	3140~3430	Min 10	-	-	3140~3430	Min 10
	0.10	-	2800~3380	Min 10	-	-	2800~3380	Min 10
	0.11	-	2800~3350	Min 10	-	-	2800~3350	Min 10
	0.12	-	2800~3320	Min 10	-	-	2800~3320	Min 10
	0.14	-	2800~3250	Min 10	-	-	2800~3250	Min 10
	0.16	-	2800~3200	Min 10	-	-	2800~3200	Min 10
	0.18	-	2800~3160	Min 10	-	-	2800~3160	Min 10
	0.20	-	2800~3110	Min 20	-	-	2800~3110	Min 20
	0.22	-	2770~3080	Min 20	-	-	2770~3080	Min 20
	0.25	-	2720~3010	Min 25	-	-	2720~3010	Min 25
	0.28	-	2680~2970	Min 25	-	-	2680~2970	Min 25
	0.30	2370~2650	2660~2940	Min 25	-	2370~2650	2660~2940	Min 25
	0.32	2350~2630	2640~2920	Min 25	-	2350~2630	2640~2920	Min 25
	0.34	2330~2600	2610~2890	Min 25	-	2330~2600	2610~2890	Min 25
	0.36	2310~2580	2590~2870	Min 25	-	2310~2580	2590~2870	Min 25
	0.38	2290~2560	2570~2850	Min 25	-	2290~2560	2570~2850	Min 25
	0.40	2270~2550	2560~2830	Min 25	-	2270~2550	2560~2830	Min 25
	0.43	2250~2520	2530~2800	Min 30	-	2250~2520	2530~2800	Min 30
	0.45	2240~2500	2510~2780	Min 30	-	2240~2500	2510~2780	Min 30
0.48	2220~2480	2490~2760	Min 30	-	2220~2480	2490~2760	Min 30	
0.50	2200~2470	2480~2740	Min 35	-	2200~2470	2480~2740	Min 35	
0.53	2180~2450	2460~2720	Min 35	-	2180~2450	2460~2720	Min 35	
0.56	2170~2430	2440~2700	Min 35	-	2170~2430	2440~2700	Min 35	
0.60	2140~2400	2410~2670	Min 40	-	2140~2400	2410~2670	Min 40	

(Remark) For intermediate values of wire diameter, the values specified for the next higher diameter shall apply.

■ PACKAGING

Wire Size (mm)	COIL				SPOOL			TYPE
	Weight (Kg)	ID (mm)	OD (mm)	H (mm)	Weight (Kg)	Flange (mm)		
0.08 ~ 0.10	-	-	-	-	0.5	160	P-4	
0.11 ~ 0.12	-	-	-	-	1.5	160	P-4	
0.13 ~ 0.14	1	100	200	30	-	-	-	
0.15 ~ 0.16	2	100	200	40	-	-	-	
0.17	3	100	200	50	8	250	DIN 250	
0.18	4	100	200	60	10	250	DIN 250	
0.19	5	100	200	70	15	250	DIN 250	
0.20 ~ 0.26	5	100	200	70	20	250	DIN 250	
					25	-	DP-25	
0.27 ~ 0.32	5 ~ 10	150	250	80	35	355	DIN 355	
					20	250	DIN 250	
0.33 ~ 0.44	20 ~ 30	190	310	100	45	355	DIN 355	
					20	250	DIN 250	
0.45 ~ 0.60	30 ~ 50	220	370	110	45	355	DIN 355	
					20	250	DIN 250	

