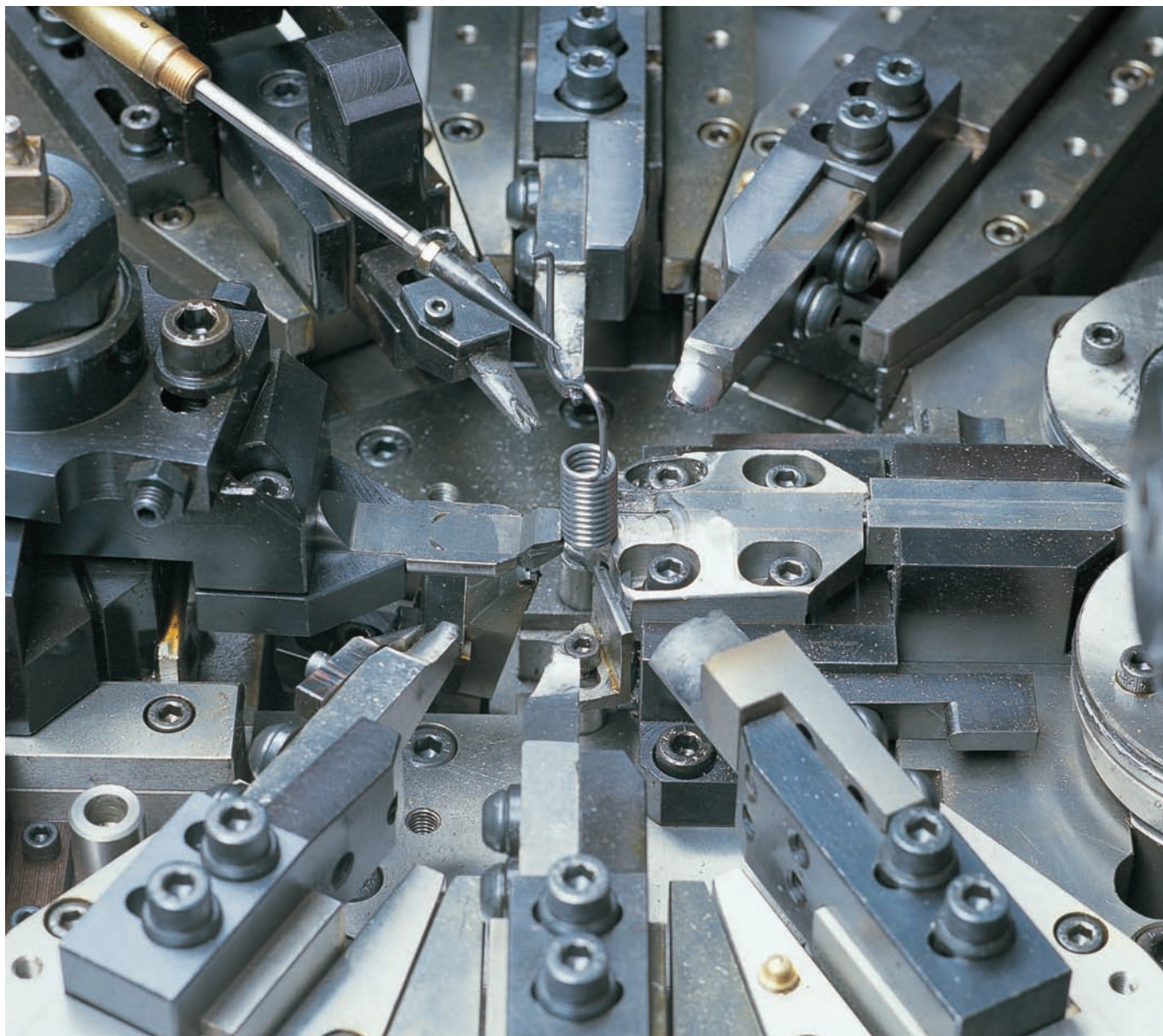




精密ばね用ピアノ線

スミファイン



住友電工の精密ばね用ピアノ線が進化した！

ハイテク時代の精密ばね用ピアノ線として新登場したスミファインは、
高度な品質管理により、優れた成形性を発揮しますので、製品精度がグンとアップ！
その上従来にも増して美しいテンパーカラーをお約束できるスミファインのすばらしさを、
ぜひ一度お試しください。

●線クセ ●線径公差 ●偏径差 ●テンパーカラー ●コイリング加工性にご注目ください。

標準線径と仕様

| 線径 (mm) | 引張強さ(N/mm ²) | | 線径公差 (mm) | 偏径差 (mm) | 線クセ (最大立ち上がり) (mm) | 巻取径 (mm) | 標準質量 (kg) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--------------------------|-----------|--------------|-------------|--------------------------|--------------|--------------|----|--------------|--------|----|--------------|-----------|-----------|--------------|--------|----|--------------|--------|----|--------------|-----------|-----------|--------------|--------|----|--------------|--------|----|--------------|--------|----|--------------|--------|----|--------------|--------|----|--------------|--------|----|--------------|--------|----|--------------|--------|----|-----|--------|
| | A種 | B種 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.18 | 2600~2890 | 2890~3190 | +0 -0.003 | 0.002以下 | 2 | 150 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.20 | 2600~2840 | 2840~3090 | | | | | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.23 | 2550~2790 | 2790~3040 | | | | | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.25 | 2500~2750 | 2750~2990 | | | | +0 -0.004 | 0.003以下 | 4 | 200 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.26 | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.28 | 2450~2700 | 2700~2940 | | | | | | | +0 -0.006 | 0.01以下 | 10 | 250 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.29 | | | | | | | | | | | | | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.30 | | | | | | | | | | | | | 2400~2650 | 2650~2890 | +0 -0.015 | 0.01以下 | 10 | 300 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.32 | 2300~2550 | 2550~2790 | | | | | | | | | | +0 -0.015 | | | | | | | 0.01以下 | 10 | 400 | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.35 | | | | | | | | | | | | | | | | | | | | | | 2260~2500 | 2500~2750 | +0 -0.015 | 0.01以下 | 10 | 550 | 125 | | | | | | | | | | | | | | | | | | | | | |
| 0.40 | | | | | | | | | | | | | 2350~2600 | 2600~2840 | | | | +0 -0.015 | | | | | | | | | | 0.01以下 | 10 | 550 | 125 | | | | | | | | | | | | | | | | | | |
| 0.45 | 2300~2550 | 2550~2790 | | | | | | | | | | | | | | | | | | | +0 -0.015 | | | | | | | | | | 0.01以下 | 10 | 550 | 125 | | | | | | | | | | | | | | | |
| 0.50 | | | | | | | | | | | | | | | | | | | | | | 2210~2450 | 2450~2700 | | | | +0 -0.015 | | | | | | | 0.01以下 | 10 | 550 | 125 | | | | | | | | | | | | |
| 0.55 | | | | | | | | | | | | | 2160~2400 | 2400~2650 | | | | | | | | | | | | | | | | +0 -0.015 | | | | | | | 0.01以下 | 10 | 550 | 125 | | | | | | | | | |
| 0.60 | 2110~2350 | 2350~2600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | +0 -0.015 | | | | | | | 0.01以下 | 10 | 550 | 125 | | | | | | |
| 0.65 | | | 2100~2300 | 2300~2500 | +0 -0.015 | | | | | | | | | | | | | | | | | 0.01以下 | 10 | | | | | | | | | | | | | 550 | | | | | | | 125 | | | | | | |
| 0.70 | | | | | | | | | | | | | 2060~2260 | 2260~2450 | | | | | | | | | | | | | | | | | | | | | | | | | +0 -0.015 | | | | 0.01以下 | 10 | 550 | 125 | | | |
| 0.80 | 2010~2210 | 2210~2400 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | +0 -0.015 | | | | 0.01以下 | 10 | 550 | 125 |
| 0.90 | | | 1960~2160 | 2160~2350 | | +0 -0.015 | 0.01以下 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 550 | | | | | | | | | | | | | 125 |
| 1.00 | | | | | | | | | | | | | 1910~2110 | 2110~2300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | +0 -0.015 | | | | 0.01以下 |
| 1.10 | 1860~2060 | 2060~2260 | | | | | | | +0 -0.015 | 0.01以下 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 550 | |
| 1.20 | | | 1810~2010 | 2010~2210 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | +0 -0.015 | | | | | | | | | | | | | |
| 1.40 | | | | | | | | | | | | | 1770~1960 | 1960~2160 | +0 -0.015 | 0.01以下 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.60 | 1770~1960 | 1960~2160 | | | | | | | | | | +0 -0.015 | | | | | | | 0.01以下 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 550 | |
| 1.80 | | | 1770~1960 | 1960~2160 | | | | | | | | | | | | | | | | | | | | +0 -0.015 | 0.01以下 | 10 | | | | | | | | | | | | | | | | | | | | | | | |
| 2.00 | | | | | | | | | | | | | 1770~1960 | 1960~2160 | | | | +0 -0.015 | | | | | | | | | | 0.01以下 | 10 | | | | | | | | | | | | | | | | | | | | |
| 2.20 | 1770~1960 | 1960~2160 | | | | | | | | | | | | | | | | | | | +0 -0.015 | | | | | | | | | | 0.01以下 | 10 | | | | | | | | | | | | | | | | 550 | |

※中間にある線径については、それより大きい線径の値を用いる。

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