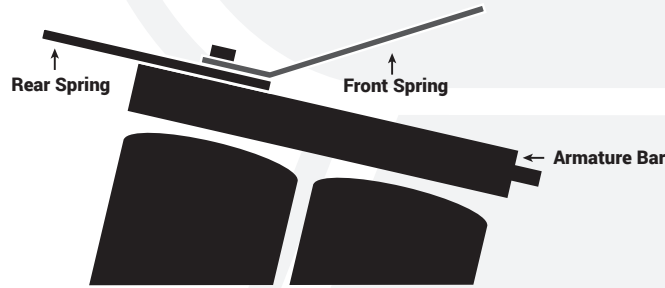


# Tips on Tattoo Coil Machine Spring Set-Up

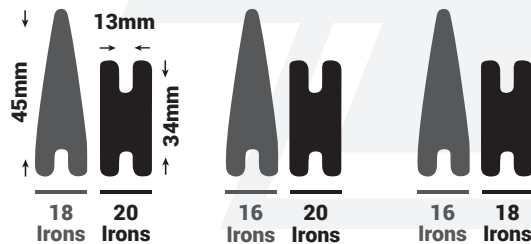
The main purpose of springs is to regulate the motion of your tattoo needles; therefore, you may need different spring thicknesses for different types of work. The thicker your springs are, the heavier the tension will be and the more forcefully your tattoo needles will move up and down. You should adjust the tension and stroke length to achieve different effects.

## Shading Coil Tattoo Machine

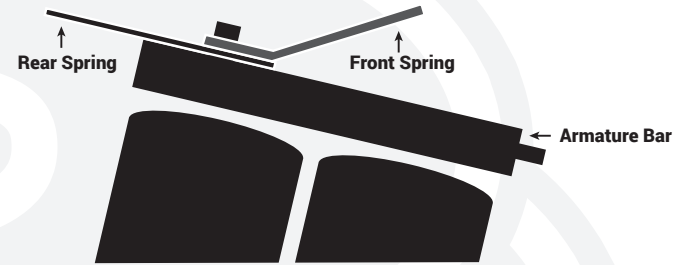


- 1 The springs require a longer stroke and softer spring tension overall.
- 2 The front spring should be thinner and more flexible, while the rear spring needs to be strong.
- 3 In order to achieve this balance, use a thinner front spring and a thicker back spring. For example, try a 0.016" front spring with a 0.020" back spring. This set up allows needles to change directions more smoothly.

### Shading Machine Spring Set-Up Examples:



## Lining Coil Tattoo Machine



- 1 The springs require a shorter stroke and light to medium spring tension.
- 2 The front spring needs to be strong, while the rear spring needs to provide light to medium tension.
- 3 In order to achieve this balance, use a thicker front spring and thinner back spring. For example, try a 0.020" front spring and 0.018" back spring.

### Lining Machine Spring Set-Up Example:

