Wire Size Capability: 
.75" - 1.75" starting bar size

Maximum Taper: 
0.5" each end

Maximum Taper Length: 
12" - 84" from each end

Maximum Bar Length: 
Automatic coil 4.0' - 21.0'

The variable rate is achieved with variable diameter wire.
HOT-COILED VARIABLE RATE SPRINGS

Matthew-Warren Spring

ADVANTAGES OF VARIABLE WIRE DIAMETER:

- Heavy-Duty Applications
  Heavy Truck • Military • AG/Construction • Transit
- Up to 10% lighter weight based on a comparable spring design with constant wire diameter
- Lower solid height than a conventional spring
- Less space required than a conventional spring
- Increased travel
- Better fit and function with mating parts
- Increasing variable rate in a suspension application from softer to stronger as payload increases

Matthew-Warren Spring Division

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