

CUSTOM MADE SPRINGS

TYPES – Compression springs, extension springs, torsion springs, wire forms

WIRE SIZE RANGE – .008 to .500

DELIVERY

- Ship in approximately 3 days on 100 pieces and less with wire sizes .500 and less.
- Ship in approximately 2 weeks on over 100 pieces with wire sizes .250 and less.
- Ship in approximately 4 weeks on all other.

MATERIAL

- **music wire:** a high carbon steel for high stress applications
- **harddrawn MB:** a carbon steel for low stresses and low cost
- **oil tempered wire:** a carbon steel for wire forms and torsion springs
- **stainless steel:** types 302 and 316 for high temperatures and corrosion resistance
- **chrome vanadium:** an alloy wire for high stresses in larger wire sizes
- **phosphor bronze:** for electrical applications
- **brass:** for applications requiring water resistance
- **others:** available on an as needed basis.

FINISHES Zinc plate, black oxide, shot peen, passivate, as well as any other required.

COMPRESSION SPRINGS

1) Type of material _____

2) Wire diameter _____
(should be in thousandths of an inch and not a gauge number)

3) Outside diameter _____ **or** Inside diameter _____
(**only** fill in one of these as the other can be calculated)

4) Free length _____

5) Total coils _____ **or** Pitch _____ **or** Space between coils _____
(**only** fill in one of these as the others can be calculated)

6) Type of ends Closed not ground **or** Closed and ground **or** Open not ground **or** Open and ground
(**only** circle one)



Other information that is not required but helpful if known are the size of the hole it fits into _____, the size of the rod it fits over _____, the maximum temperature _____, the maximum required deflection _____, and the finish _____

