

This steel wire in particular is one of Suncall's cores.

## Steel wire for valve springs

### Material processing

### Special heat treatment

The highest level of quality is demanded of steel wire for valve springs.

We use only the best elements in order to obtain this material, developing the elements in cooperation with steel manufacturers to achieve excellent fatigue strength. Also, special care is taken to the small scratches during material processing which have an impact on valve spring quality, while shaving and flaw detection are utilized to ensure material quality. Steel wire that passes these processes is then used as steel wire for valve springs. Both shaped cross-section materials and high-tension strength steels are available, with efforts being made to develop even higher strength new materials.

### Product features

- Materials used are those that have undergone the latest in strict quality control measures
- Environmentally-friendly lead-free heat treatment methods are employed
- Supplies are available through our tripolar network (Japan, China, Mexico)

### Product applications

Valve springs, transmission springs



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