

Ferrous alloy with unique damping properties

# Fe-Al Alloy Wire

## ● Unique raw material 「Fe-Al alloy」

By aluminium addition, Fe-AL alloy will have excellent fatigue characteristics.

## ● Excellent Characteristics

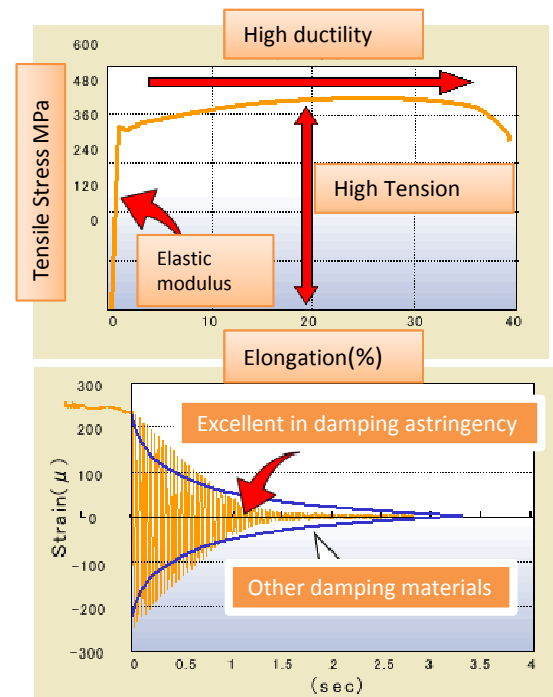
- 10% lighter than steel
- High Strength
- Excellent oxide film
- Micro vibration suppressing
- Heat resisting properties
- Magnetic properties

## ● General purpose item

- Piano damping plate
- Speaker damping material

## ● Expected field

- Automobile
- Motor
- Electromagnetic equipment
- Household electric products
- Sports equipment
- Acoustic equipment



## ● Wire specification

Material: Fe-8mass%Al

Wire Diameter: 0.1~2.0mm  $\phi$

Length: ~500m

※Longer length is available

## ● Expected use

- Wire • Cable
- Strings for music instrument (Micro vibration suppressing)
- Knitting process
- Wire mesh (Corrosion • Lightweight)
- Gasket (Damping • Corrosion • Heat resisting • Lightweight)
  
- Forging products • Bending process
  - Screw • Bolt (Damping • Corrosion • Lightweight)
  - Spring • Coil (Damping • Corrosion • Lightweight)