

## Ferrous Metals

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graph TD; FM[Ferrous Metals] --- MS[Mild steel]; FM --- HSS[High strength steel]; FM --- GS[Galvanised steel]; FM --- SS[Spring steel]; FM --- HSS2[High Speed Steel];
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**Mild steel** is used in the automotive industry because it is

- **Ductile**
- **Easily shaped and welded**

**High strength steel** is used in the automotive industry for

- **Construction of front and rear impact frames**

**Galvanised steel** is used in the automotive industry because it is a

- **Corrosion resistant material**

**Spring steel** is used in suspension systems because it

- **Can return to its original after bending and twisting**

**High Speed Steel** is used in the manufacturer of drill bits because

- **It can withstand high temperatures**

**Stainless steel** is used in exhaust systems because it has

- **High rust resistant properties**