

- **EN3B (070M20, AISI 1020)** â?? Low-carbon, easy-to-bend and fabricate
- **EN8 (C45, AISI 1045)** â?? For stronger, more robust security grills
- **SS304 / SS202** â?? For rust-free, polished decorative applications

2. Stair & Balcony Railings

Railings are exposed to frequent handling, moisture, and sometimes harsh weather. They need to be:

• **Structurally sound** â?? To support weight and stress

• **Visually refined** â?? For residential and commercial elegance

• **Corrosion-resistant (when treated)** â?? For longevity in outdoor installations

• **Recommended Steel Grades:**

- **EN8 or EN9** â?? For robust, long-lasting interior railings
- **SS304 / SS316** â?? For premium, corrosion-resistant outdoor installations
- **EN3B** â?? For easy fabrication of ornamental and custom railings

3. Decorative Metal Elements

Used in **gates, fences, signage, wall panels, and art installations**, decorative metalwork must offer:

• **Ease of forming into intricate designs**

• **Good surface adaptability** for engraving, laser cutting, or embossing

• **Availability in unique shapes** like **half-rounds, flats with beveled edges, or custom contours**

• **Recommended Steel Grades:**

- **EN3B / EN1A (Free-cutting steel)** â?? For intricate, decorative turning or engraving
- **SS304** â?? For luxury design installations requiring long-term shine and corrosion resistance
- **Custom Bright Bars** â?? Designed to match specific architectural profiles

