

1. Elevator Shafts

- **Guide rails** for smooth cab movement
- **Counterweight shafts** in high-rise buildings
- **Hydraulic piston rods** for low-rise systems

2. Crane Systems

- **Rotation shafts** for tower crane slewing units
- **Hoist drum shafts** in overhead cranes
- **Boom extension rods** for mobile cranes

3. Industrial Lifting

- **Forklift mast channels**
- **Scissor lift actuator rods**
- **Warehouse conveyor drive shafts**

Technical Specifications

Grade	Hardness (HRC)	Tensile Strength (MPa)	Key Advantage	Best For
EN19	28-32	850-1000	Impact resistance	Mobile crane shafts
EN24	32-36	1000-1200	Fatigue strength	Elevator guide rails
EN10083-3	38-42	1200+	Wear resistance	Hoist drum shafts

*All grades available with optional:

- **Phosphating** for corrosion protection

