

# Stainless Steel Wire Rope DIN 3060



DIN 3060 Stainless steel wire rope provides an effective combination of strength, flexibility and corrosion resistance, making it suitable for a wide range of infrastructure, architectural and industrial applications.

## Applicable Standard

**DIN 3060** – Stainless Steel Wire Rope 7×19.

## Material

A4 Stainless Steel (316).

## Sizes

5, 6, 8, 10, 12, 16 mm.

## Specific Features

- Excellent corrosion resistance in demanding environments
- High strength-to-weight ratio
- Smooth strand construction for consistent performance
- Suitable for use with wire rope grips, thimbles, swage fittings and turnbuckles

## Performance

- Excellent corrosion resistance
- High tensile strength
- Long service life
- Low maintenance requirements
- Suitable for demanding environments

## Typical Applications

- Rockfall protection and rock netting systems
- Slope stabilisation works
- Coastal and marine infrastructure
- Bridge restraint systems
- Safety barriers and fencing
- General civil engineering projects

## Installation Notes

- Select the appropriate rope construction for the intended application
- Use compatible fittings and terminations
- Avoid damaging the rope during handling and installation
- Maintain the recommended bend radius during installation
- Inspect assemblies regularly throughout service life

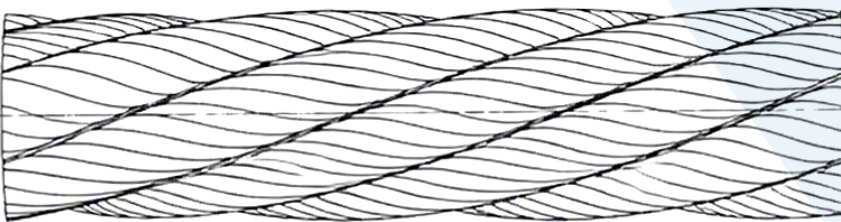
## Dimensions & Design

- Available in 1×19, 7×7 and 7×19 strand constructions
- Multiple diameter options available
- Bright stainless steel finish
- Precision manufactured strand construction
- Supplied in coils, cut lengths or reels

**Dimensions & Performance – 7×19 Construction**

| Rope Diameter (mm) | Nominal Weight (kg/100mm) | Min. Breaking Load (kN) | Min. Bend Radius (mm) |            |
|--------------------|---------------------------|-------------------------|-----------------------|------------|
|                    |                           | Grade 316               | Installation          | In Service |
| 5                  | 9.64                      | 38.20                   | 50                    | 25         |
| 6                  | 13.90                     | 54.90                   | 60                    | 30         |
| 8                  | 24.70                     | 97.50                   | 80                    | 40         |
| 10                 | 38.60                     | 152.00                  | 100                   | 50         |
| 12                 | 55.70                     | 219.00                  | 120                   | 60         |
| 14                 | 75.80                     | 298.00                  | 140                   | 70         |
| 16                 | 98.80                     | 389.00                  | 160                   | 80         |
| 18                 | 125.00                    | 493.00                  | 180                   | 90         |
| 20                 | 154.00                    | 608.00                  | 200                   | 100        |

**Rope Lay**  
Right Hand Regular Lay (Z Lay)



**Cross Section**  
7 strands, 19 wires per strand = 133 wires

