

Stainless Steel Wire Rope Thimbles

DIN 6899



DIN 6899 Wire Rope Thimbles are designed to protect and reinforce wire rope eyes, helping maintain the natural bend radius of the rope while reducing wear, abrasion and deformation at the connection point.

Applicable Standard

DIN 6899 – Stainless Steel Wire Rope Thimble.

Material

A4 Stainless Steel (316).

Sizes

Nominal rope diameter – 4, 5, 6, 8, 10, 12, 16, 19, 25 mm.

Specific Features

- Precision-formed groove profile
- Reinforces wire rope eye terminations
- Maintains rope geometry under load
- Reduces wear and abrasion at contact points
- Available in light and heavy-duty patterns

Performance

- Protects against abrasion and wear
- Maintains rope eye shape under load
- Reduces rope deformation and crushing
- Improves assembly durability
- Provides long service life in exposed environments
- Suitable for demanding infrastructure applications

Typical Applications

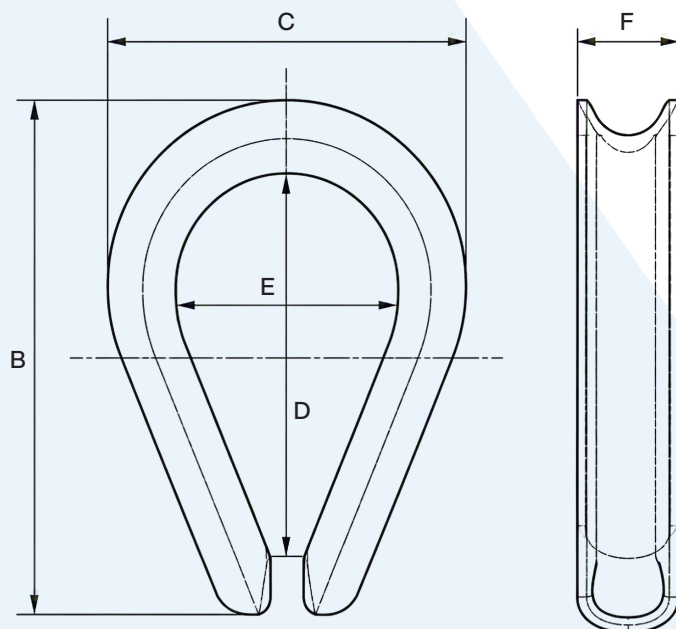
- Rockfall protection and rock netting systems
- Slope stabilisation works
- Coastal and marine infrastructure
- Bridge restraint systems
- Safety barriers and fencing
- General civil engineering projects

Installation Notes

- Select the correct thimble size to suit the wire rope diameter
- Position the thimble fully within the wire rope eye
- Secure the assembly using suitable termination components
- Ensure the rope sits correctly within the thimble groove
- Inspect assemblies regularly throughout service life

Dimensions & Design

- Smooth groove profile for wire rope seating
- Formed one-piece construction
- Sized to suit standard wire rope diameters
- Compact and robust design
- Suitable for use with standard rigging hardware



- A: Rope Diameter D: Inside Length
 B: Overall Length E: Inside Width
 C: Overall Width F: Material Thickness

Dimensions (mm)					
Suitable Rope Size (mm)	B	C	D	E	F
3	20	12	13	6	1.5
4	24	15	16	7	1.5
5	28	17	19	9	2.0
6	34	20	22	10	2.0
8	40	24	26	12	2.5
10	48	30	32	15	2.5
12	58	36	38	18	3.0
16	70	42	46	20	3.5
20	86	50	56	24	4.5