

Stainless Steel Wire Rope Grips

DIN 1142



DIN 1142 Stainless steel wire rope grips provide a simple and effective method of forming loops, eye terminations and wire rope connections.

Applicable Standard

DIN 1142 – Wire Rope Grip.

Material

A4 Stainless Steel (316).

Sizes

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

Specific Features

- One-piece saddle design
- Heavy-duty U-bolt configuration
- Twin hex-nut clamping system
- Robust mechanical connection
- Compatible with standard wire rope assemblies

Performance

- Designed for demanding infrastructure environments
- Consistent long-term performance
- Reliable rope retention when correctly installed
- Low maintenance throughout service life

Typical Applications

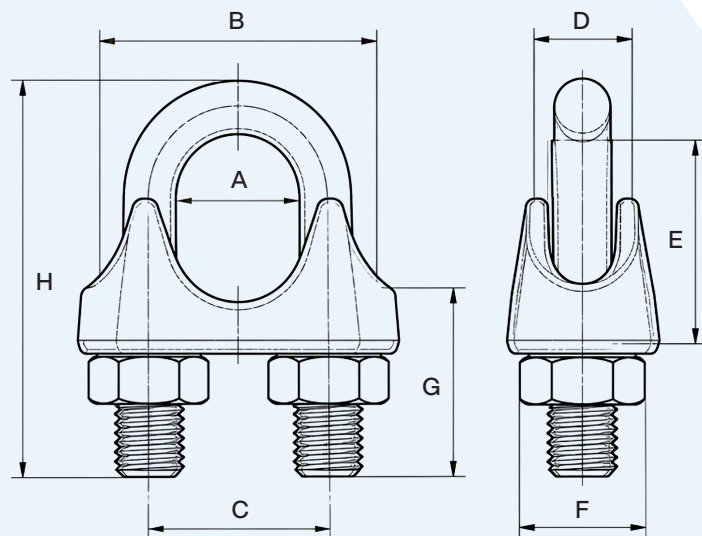
- Rockfall protection and rock netting systems
- Slope stabilisation and ground retention works
- Coastal and marine infrastructure
- Safety barriers and protective fencing
- Tensioned cable structures
- Bridge and infrastructure restraint systems

Installation Notes

- Select the correct grip size to suit the wire rope diameter
- Position the saddle on the loaded (live) side of the rope
- Tighten all nuts evenly to achieve uniform clamping pressure
- Re-tighten after initial loading to compensate for rope settlement
- Regularly inspect and maintain assemblies throughout their service life

Dimensions & Design

- One-piece saddle and U-bolt construction
- Twin hex-nut clamping arrangement
- Sized to suit standard wire rope diameters
- Compact and robust design
- Supplied complete with saddle, U-bolt and nuts



A: Rope Diameter
B: Saddle Width
C: Bolt Centres
D: U-Bolt Diameter

E: U-Bolt Inside Length
F: Nut Width Across Flats
G: Saddle Height
H: Overall Height

Dimensions (mm)								Weight (kg/100pcs))
Rope Dia. (A)	B	C	D	E	F	G	H	
3	18	11	M4	13	10	10	22	3.6
4	20	12	M4	15	11	10	25	4.9
5	23	13	M5	17	13	11	27	7.2
6	26	15	M5	20	13	12	31	10.7
8	30	17	M6	24	14	15	36	18.1
10	34	21	M8	28	17	17	45	30.0
12	42	24	M10	34	19	20	53	52.0
16	50	28	M12	40	22	24	61	86.0
19	54	30	M12	45	22	27	67	110.0
22	61	34	M14	50	24	30	74	150.0
25	65	38	M14	55	27	32	81	180.0
32	78	45	M16	65	30	38	98	310.0