



**Haggie  
Distribution**



**STEEL WIRE ROPE SLINGS**

## **ABOUT STEEL WIRE ROPE SLINGS**

Steel wire rope slings offer a winning combination of flexibility and strength, making them an essential component of choice for a wide range of lifting applications, such as: construction sites, heavy equipment manufacturing, and other industries that require reliability and safety.

The slings are constructed using high-grade steel wires that are braided or twisted together to form a durable rope. They come in different configurations, including: single-leg, multi-leg and endless. These different configurations allow for flexibility in lifting applications with different load capacities for your application.



## **ABOUT DNV APPROVED STEEL WIRE ROPE SLINGS**

The DNV steel wire rope slings are type approved by a globally recognised classification society that provides third-party certification services to ensure safety and reliability in various industries. By obtaining DNV type approval, the steel wire rope slings meet the stringent quality and performance requirements set by the certification body, making them a preferred choice for many industries worldwide.

In conclusion, DNV steel wire rope slings are an essential component for offshore, marine and ship-building industries with heavy-duty lifting applications in harsh environments. These slings are manufactured to have high tensile strength, excellent flexibility, and resistance to abrasion and deformation.



# TYPES OF SLING CONFIGURATIONS



- A** - Wire rope only
- B** - Afgrip thimble eyed
- C** - Afgrip soft eyed
- D** - Flemish eyed
- E** - Afgrip thimble eyed complete with Shackle
- F** - Afgrip thimble eyed complete with master Link / oblong
- G** - Afgrip thimble eyed complete with eye-type sling hook
- H** - Afgrip thimble eyed complete with eye-type self-locking hook
- I** - Afgrip thimble eyed complete with eye-type foundry hook
- J** - Afgrip thimble eyed complete with swivel sling hook
- K** - Afgrip thimble eyed complete with swivel self-locking hook.



**SINGLE-LEG**



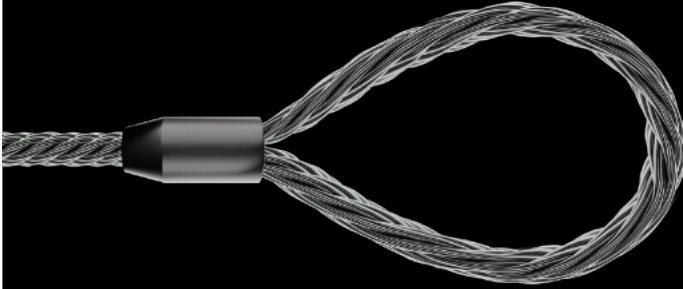
**DOUBLE-LEG**



**TRIPLE-LEG**

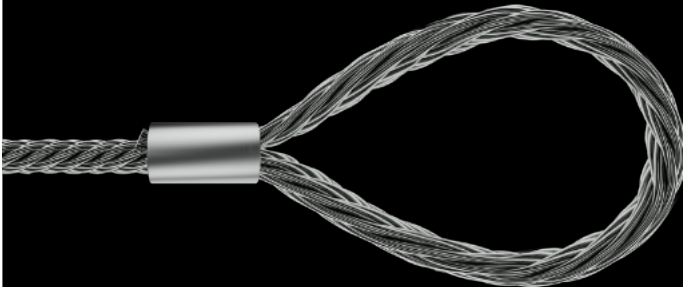


**QUADRUPLE-LEG**



## **SUPERLOOP**

A Flemish Eye with a tapered steel ferrule that prevents snagging and galvanic action between the rope and ferrule.



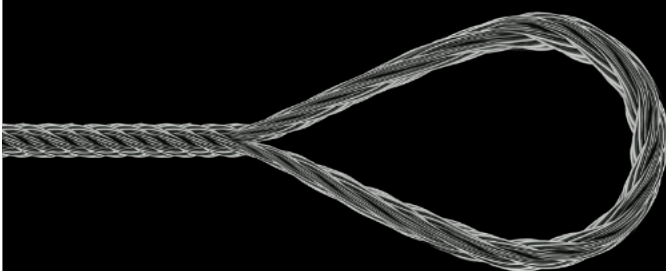
## **AFGRIP**

This Turnback Eye and Aluminium ferrule provides affordable efficiency.



## **COPPER FERRULE MECHANICAL SPLICE**

The ideal choice for terminating stainless steel ropes.



## **HAND SPLICE**

Available in Standard Liverpool or Admiralty methods among other types of hand splices.



# 6 X 36 (14/7 + 7/7/7 FIBRE RHO)

Maximum Permitted Angle: 90 degrees at all rope diameters  
 Minimum permitted factor for safety: 6

Workload limits stated are in accordance with SANS 7531 Standards, using 1960MPa steel wire ropes and a factor of safety of 6:1

| 1960 MPA                              | ROPE DIAMETER | EST. BREAKING POINT | 1 LEG - 1 PART |              | 1 LEG - 2 PARTS |              | 2 LEGS - 1 PART EACH |       |       |      | REEVED        | 2 LEGS - 2 PARTS EACH    | ENDLESS            |
|---------------------------------------|---------------|---------------------|----------------|--------------|-----------------|--------------|----------------------|-------|-------|------|---------------|--------------------------|--------------------|
|                                       |               |                     | VERTICAL LIFT  | CHOKER HITCH | HALSHING SLING  | CRADLE SLING | 30                   | 60    | 90    | 120  | REEVING SLING | DOUBLE CRADLE WRAP SLING | ENDLESS WITH BIGHT |
|                                       | MM            | Kn                  | TONNES         |              |                 |              |                      |       |       |      |               |                          |                    |
|                                       | 10            | 64.70               | 0.86           | 0.65         | 0.97            | 0.91         | 1.25                 | 1.12  | 0.91  | 0.65 | 0.69          | 1.83                     | 0.97               |
|                                       | 13            | 109.00              | 1.45           | 1.09         | 1.64            | 1.54         | 2.10                 | 1.89  | 1.54  | 1.09 | 1.16          | 3.08                     | 1.64               |
|                                       | 14            | 130.60              | 1.74           | 1.31         | 1.96            | 1.84         | 2.52                 | 2.26  | 1.84  | 1.31 | 1.38          | 3.70                     | 1.96               |
|                                       | 16            | 170.40              | 2.27           | 1.70         | 1.50            | 1.41         | 1.93                 | 1.73  | 1.41  | 1.00 | 1.06          | 2.83                     | 1.50               |
|                                       | 18            | 212.90              | 2.84           | 2.13         | 3.19            | 3.00         | 4.11                 | 3.68  | 3.00  | 2.13 | 2.26          | 6.03                     | 3.19               |
|                                       | 19            | 239.60              | 3.19           | 2.40         | 3.59            | 3.38         | 4.62                 | 4.15  | 3.38  | 2.40 | 2.54          | 6.78                     | 3.59               |
|                                       | 20            | 265.50              | 3.54           | 2.66         | 3.98            | 3.74         | 5.12                 | 4.59  | 3.74  | 2.66 | 2.81          | 7.51                     | 3.98               |
|                                       | 22            | 314.80              | 4.20           | 3.15         | 4.72            | 4.44         | 6.08                 | 5.45  | 4.44  | 3.15 | 3.34          | 8.91                     | 4.72               |
|                                       | 24            | 374.20              | 4.99           | 3.74         | 5.61            | 5.28         | 7.22                 | 6.47  | 5.28  | 3.74 | 3.97          | 10.59                    | 5.61               |
|                                       | 26            | 438.10              | 5.84           | 4.38         | 6.57            | 6.18         | 8.46                 | 7.58  | 6.18  | 4.38 | 4.64          | 12.40                    | 6.57               |
|                                       | 28            | 506.50              | 6.75           | 5.07         | 7.60            | 7.14         | 9.78                 | 8.76  | 7.14  | 5.07 | 5.37          | 14.33                    | 7.60               |
|                                       | 32            | 660.30              | 8.80           | 6.60         | 9.90            | 9.31         | 12.74                | 11.42 | 9.31  | 6.60 | 7.00          | 18.69                    | 9.90               |
|                                       | 36            | 833.40              | 11.11          | 8.33         | 12.50           | 11.75        | 16.08                | 14.42 | 11.75 | 8.33 | 8.83          | 23.59                    | 12.50              |
|                                       | 38            | 928.20              | 12.38          | 9.28         | 13.92           | 13.09        | 17.91                | 16.06 | 13.09 | 9.28 | 9.84          | 26.27                    | 13.92              |
| <b>LOAD FACTOR OF SLING ASSEMBLY:</b> |               |                     | 1.00           | 0.75         | 1.50            | 1.41         | 1.93                 | 1.73  | 1.41  | 1.00 | 1.06          | 2.83                     | 1.50               |



# 6 X 36 (14/7 + 7/7/7 IWRC RHO)

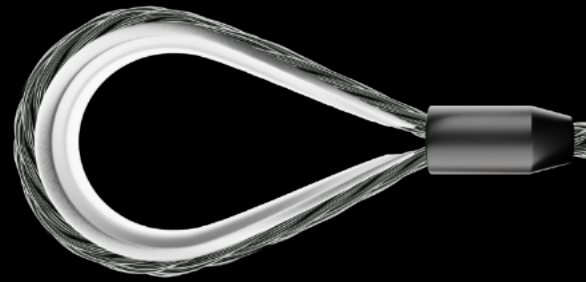
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|                                       | MM            | Kn                  | TONNES         |              |                 |              |                      |       |       |       |               |                          |                    |
|                                       | 10            | 69.80               | 0.93           | 0.70         | 1.05            | 0.98         | 1.35                 | 1.21  | 0.98  | 0.70  | 0.74          | 1.98                     | 1.05               |
|                                       | 13            | 118.00              | 1.57           | 1.18         | 1.77            | 1.66         | 2.28                 | 2.04  | 1.66  | 1.18  | 1.25          | 3.34                     | 1.77               |
|                                       | 14            | 148.30              | 1.98           | 1.48         | 2.22            | 2.09         | 2.86                 | 2.57  | 2.09  | 1.48  | 1.57          | 4.20                     | 2.22               |
|                                       | 16            | 187.70              | 2.50           | 1.88         | 2.82            | 2.65         | 3.62                 | 3.25  | 2.65  | 1.88  | 1.99          | 5.31                     | 2.82               |
|                                       | 19            | 271.20              | 3.62           | 2.71         | 4.07            | 3.82         | 5.23                 | 4.69  | 3.82  | 2.71  | 2.87          | 7.67                     | 4.07               |
|                                       | 20            | 300.10              | 4.00           | 3.00         | 4.50            | 4.23         | 5.79                 | 5.19  | 4.23  | 3.00  | 3.18          | 8.49                     | 4.50               |
|                                       | 22            | 356.80              | 4.76           | 3.57         | 5.35            | 5.03         | 6.89                 | 6.17  | 5.03  | 3.57  | 3.78          | 10.10                    | 5.35               |
|                                       | 24            | 425.50              | 5.67           | 4.26         | 6.38            | 6.00         | 8.21                 | 7.36  | 6.00  | 4.26  | 4.51          | 12.04                    | 6.38               |
|                                       | 26            | 495.30              | 6.60           | 4.95         | 7.43            | 6.98         | 9.56                 | 8.57  | 6.98  | 4.95  | 5.25          | 14.02                    | 7.43               |
|                                       | 28            | 576.70              | 7.69           | 5.77         | 8.65            | 8.13         | 11.13                | 9.98  | 8.13  | 5.77  | 6.11          | 16.32                    | 8.65               |
|                                       | 32            | 751.90              | 10.03          | 7.52         | 11.28           | 10.60        | 14.51                | 13.01 | 10.60 | 7.52  | 7.97          | 21.28                    | 11.28              |
|                                       | 36            | 947.70              | 12.64          | 9.48         | 14.22           | 13.36        | 18.29                | 16.40 | 13.36 | 9.48  | 10.05         | 26.82                    | 14.22              |
|                                       | 38            | 1055.00             | 14.07          | 10.55        | 15.83           | 14.88        | 20.36                | 18.25 | 14.88 | 10.55 | 11.18         | 29.86                    | 15.83              |
| <b>LOAD FACTOR OF SLING ASSEMBLY:</b> |               |                     | 1.00           | 0.75         | 1.50            | 1.41         | 1.93                 | 1.73  | 1.41  | 1.00  | 1.06          | 2.83                     | 1.50               |



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