

EYEDOG FITTING INSTRUCTIONS

APPLY

The IronGrip Eyedog is a dedicated and tested sling clip is intended for use on steel wire rope slings (both fiber and steel core) to secure the tightening of the wire around a bundle of pipes, casings, tubes or timber.

The purpose of the Eyedog is to choke the sling around the load when lifting starts and to prevent the sling to open up uncontrolled when the load is put down and the tension in the sling is released. The Eyedog itself does not carry any of the lifting load.

The Eyedog can be mounted on an unloaded or loaded sling load. Unloaded: the sling is slipped on to the bundle from the side; loaded: the Eyedog is mounted on a hanging load.

REMOVE

Opening the choker sling

When the load is put down the Eyedog can be removed either when there is a tension in the sling wire or when it is fully released. Position yourself in a safe area.

Sling in tension

1. Unscrew the screw of the Eyedog using a wrench or an electrical torque tool in reverse.
2. Fold out the Eyedog and remove

Sling fully released

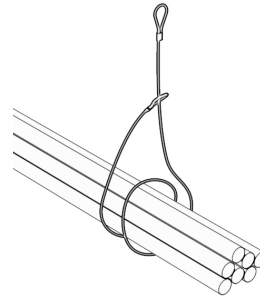
1. Untighten the screw of the Eyedog in increments until the sling is slack and the bundle is released.
2. When the bundle is fully static, remove the Eyedog

REUSE

When mounting a previously used Eyedog please follow the following inspection procedure:

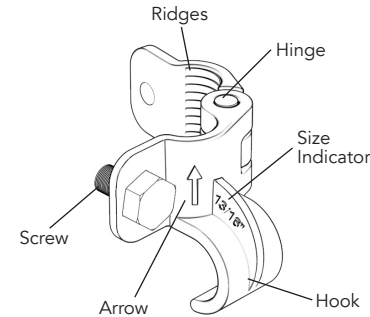
1. Make sure there is no visual damage to the product by inspecting it. Be especially observant for any damage to the threads of the screw and/or the hinge.
2. Open up the Eyedog and make sure the hinge works properly.
3. Assess the wear of the small internal ridges. The ridges may be worn to some extent but if the worn surface of two adjacent ridges join each other the Eyedog should be discarded and replaced with a new one.

1



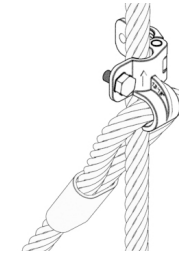
Apply the sling as normal by wrapping the sling twice around the bundle and thread one eye through the second. Make sure that both slings are wrapped in the same direction so that the sling ends are pointing in the same direction.

2



With the screw loosened fold out the outer part of the Eyedog.

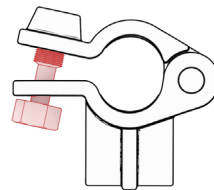
3



Apply the Eyedog on the lifting part of the wire making sure that the arrow on the Eyedog is pointing upwards, i.e. in the direction of the loose sling wire end towards the crane hook or other lifting device.

The hook of the Eyedog should be fitted so that it grips the outer part of the eye of the sling.

4



The Eyedog is designed to be mounted with the hinged two pieces apart from each other.

1. Fold the two hinged pieces together around the wire until the screw reaches the corresponding threaded hole in a half-open position.
2. The screw can be slightly tilted in order to insert it into the hole (see sketch).

5



Tighten the screw with a wrench or an electrical torque tool. For applied torque see table below.

The Eyedog is not compressing the wire so there is no risk of harming the wire when tightening the screw.

LIFESPAN

A: When the Eyedog is fitted on an **unloaded sling** it slides along the wire until the bundle is captured/ choked. The Eyedog is then fixed regardless of number of lifts during transit to the bundle's final destination. The expected working lifespan will in this case be 12-15 transits.

B: The Eyedog fitted on **loaded sling** when the pipe bundle is already collected has a working lifespan of at least 60-80 lifts. In general, wear on loaded slings is very low.

Smaller sizes of the Eyedog generally last longer than bigger. In all circumstances the Eyedog must be asserted according to the inspection procedure.

WARNING

- Read the instructions carefully before you start the mounting. The Eyedog should only be mounted and used by qualified personnel.
- Caution: Failure to follow these instructions may have serious consequences and may cause injury/damage.
- The Eyedog should only be mounted on new or reused, inspected and approved steel wire rope sling. Follow current regulations on requirements to reuse sling.
- Always follow the instructions provided by the sling manufacturer or rigging manual.
- Inspect the Eyedog periodically for wear, abuse, or damage.
- Do not use overly worn or damaged Eyedogs. These should be removed from service.
- Always use the correct sized Eyedog for the corresponding wire diameter. Refer to dimension marked on the Eyedog.
- When using two slings to lift a bundle with one (1) lifting point, make sure that the slings are choked at intended position before lifting. This is to ensure that the sling does not move when it is choked.
- For the Eyedog to work as intended, always load at least 50% of the SWL of the sling.

SIZES

One Eyedog size can only be used with the corresponding wire diameter

| Eyedog | Wire (mm) | Weight (kg) | Key width (mm) | Torque (Nm) |
|--------|-----------|-------------|----------------|-------------|
| ID-13 | 13 | 0,14 | 13 | 8-12 |
| ID-16 | 16 | 0,31 | 16 | 8-12 |
| ID-19 | 19 | 0,32 | 16 | 8-12 |
| ID-22 | 22 | 0,38 | 16 | 8-12 |