



WIREHOODS

INSTRUCTIONS FOR APPLICATION ON BOTTLES

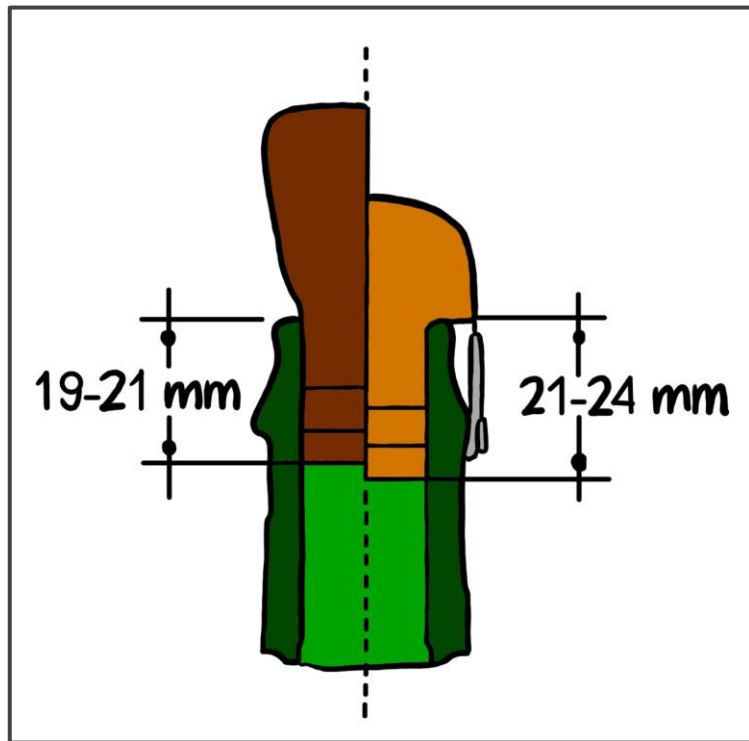
(22/12/25)

WIREHOODS

Please find some brief information necessary to guarantee a proper use and application of our product. we would like to remind you that is necessary to respect the maintenance plan of the wirehooding machines as prescribed by the manufacturer.

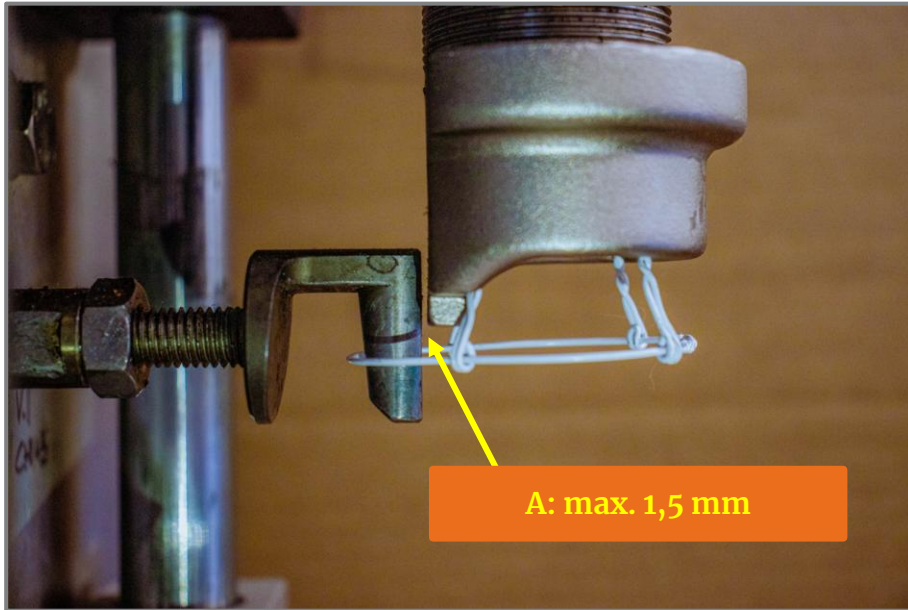


01. Instructions for inserting the cork



The cork must be inserted at a depth of 19/21 mm. After the wire hooding process the cork will be inserted at a depth of about 21/24 mm.

02. Position and dimension of the hook



We recommend to pay attention so that the machine hook in a stand-by mode, is in a straight position no more than 1,5 mm from the head. Please check that the hook used fit for the bottles in use and that it is not over or under dimensioned. The standard hook develops a closure ring with a diameter of 9,5 – 10,5 mm depending on the placement of the wirehead. For customers who want to use multiple bottles on the same plant is required, when there are important differences in bead diameter, the replacement of hooks to adapt them to the bead of the bottles. The twists necessary for the formation of the ring out to be 3 turns and $\frac{1}{4}$. The quarter of the turn is then rewound to allow the hook to exit the wireheads.

03. Positioning of the wirehood



During the bottling process, the wirehood must be pushed at least 3 mm under the bead of the bottle. This is necessary to prevent the eyelets from rising on the counter of the bottle causing the possible breaking of the wire (see next slide). The wirehood must be properly centered on the cork.

04. Eyelets (placement)



CORRECT PLACEMENT



UNCORRECT PLACEMENT

05. Rivet



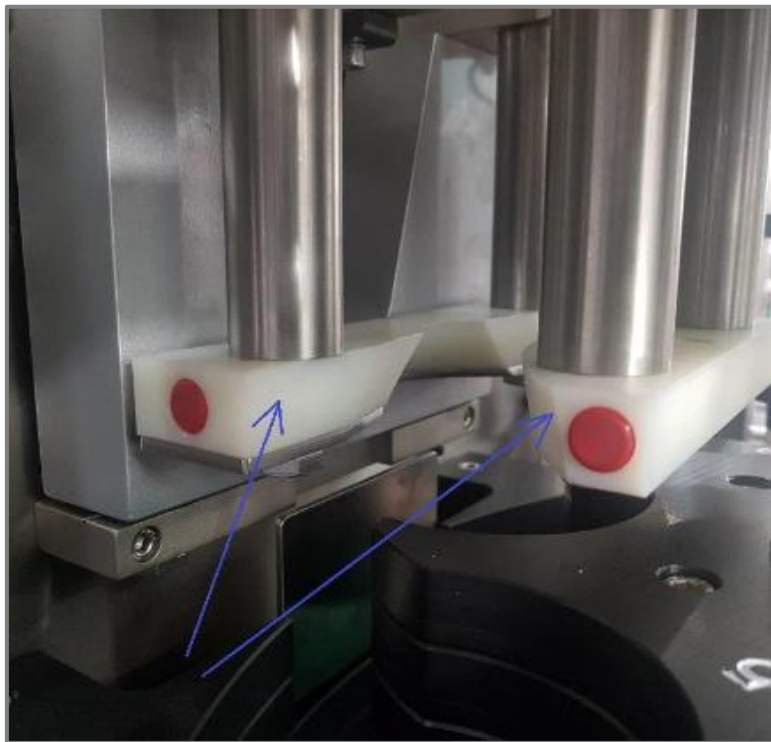
The rivet must be adjusted to the height of the bottle under the bead (see picture). Check that the rivet never affects the wire

06. Magnetic head



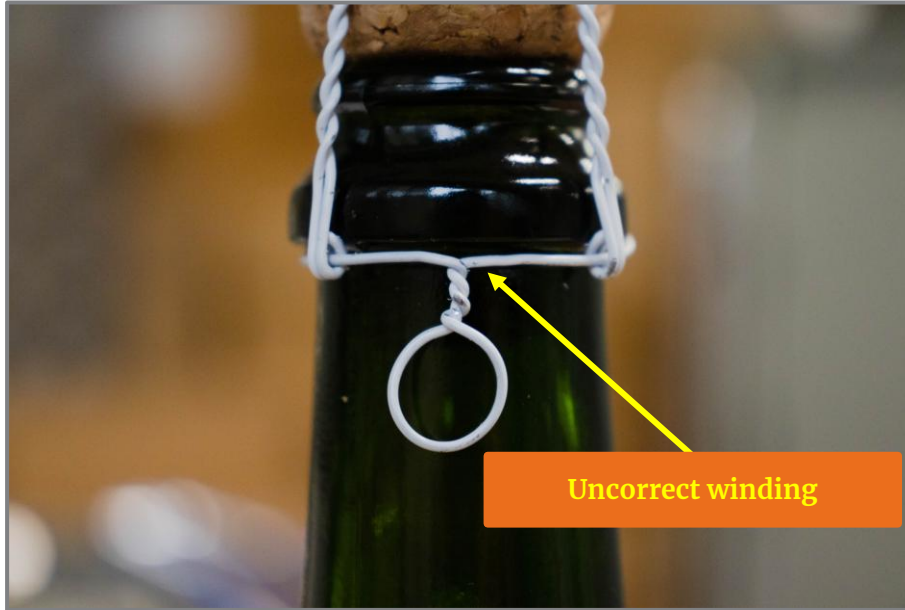
The magnetic head must not be worn out to allow the wirehood to fit in stable and planar way.

07. Stability of the bottle

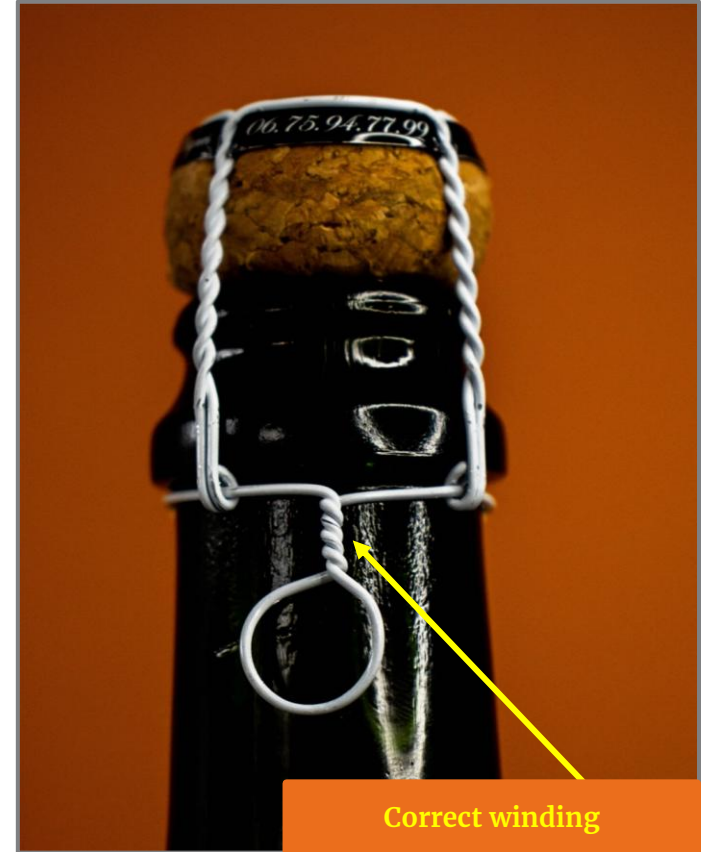


Replace the details visible in the photo when changing bottle type. Keeping the bottle locked during processing is important if you want the wirehood to be positioned correctly on the cork.

08. Wirehoods twists



The twists that form the closing ring must be well aligned and must not be damaged by the rivet.



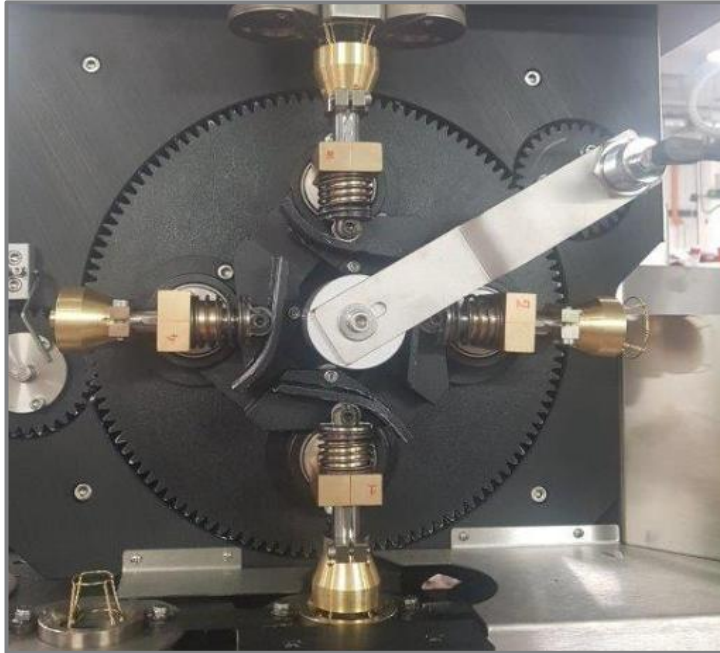
09. Distribution: conduit



The wirehoods are subject to tolerances as reported on our technical sheets. It is possible therefore that some little differences occur between different batches produced. In order to solve the problem of sliding in the conduit, very often it is enough to intervene on the latter by adjusting the width.

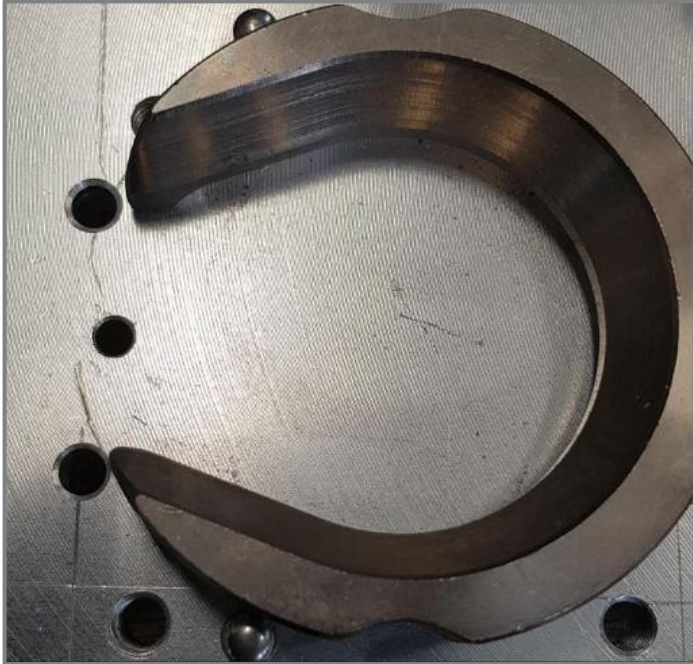
10.

Distribution (failure to take the wirehood from the shield or incorrect placement on the chain of sliding)



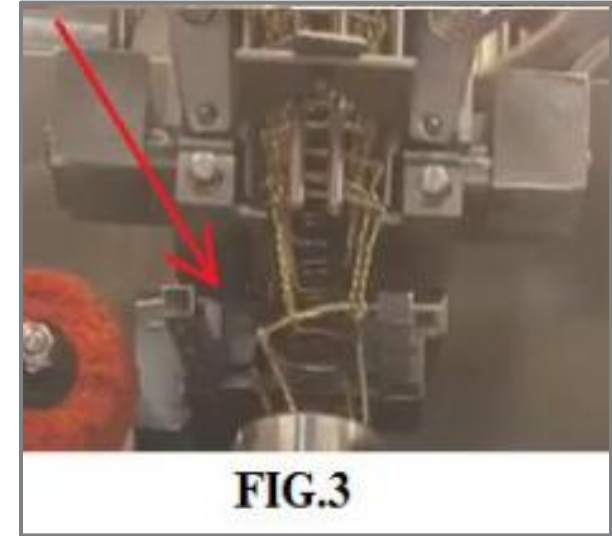
In case of this problem, it is necessary a check to the phase of the machine. The shield has to be placed correctly under the wirehoods so as to allow a correct grip. The same for the deposit of the wirehood on the chain in the appropriate grille (shoe).

11.
Distribution (lack of anchorage of the
wirehood into the shoe).



Check the insertion's phase (see the precedent slide) or a possible wear of the grille (shoe).

12. Distribution: feeding of the wirehood



Check that the screws (fig.1) are in phase or check that the fins are synchronized (fig.2 ok - fig.3 regulation is required).

13.

TECHNICAL SPECIFICATION – Resistance of wirehoods to thermal washing processes and water treatment.



1. Purpose

The purpose of this specification is to define the operating conditions under which the wirehoods supplied by ICAS retain their functional and aesthetic characteristics during thermal washing processes or water treatment. The conditions reported derive from the declared characteristics of the materials used in the manufacturing of the product.

2. Field of application

This specification applies to metal wirehoods intended for closing bottles of sparkling wines, semi-sparkling wines, and other beverages bottled with a cork and wirehood.

3. Permitted conditions of use

The declared performance refers exclusively to treatments carried out under the following conditions:

- immersion or exposure in clean water;
- absence of corrosive substances;
- maximum water temperature: 70°C;
- maximum exposure time: 60 minutes.

Within these limits, no significant alterations to the functional and aesthetic characteristics of the product are expected.



13. TECHNICAL SPECIFICATION –Resistance of wirehoods to thermal washing processes and water treatment.



4. Restrictions of use

This technical specification is valid for usage in clean water.

Any addition to the water, including but not limited to:

- detergents;
- sanitizers;
- disinfectants;
- chemical additives;
- surfactants;
- salts;
- pH adjusters;
- solvents;
- processing aids;

may modify the behaviour of the metallic materials and their respective surface coatings.

Consequently, this specification is not applicable to processes involving the use of fluids other than clean water or containing additional substances, regardless of their concentration

13.

TECHNICAL SPECIFICATION – Resistance of wirehoods to thermal washing processes and water treatment.



5. Materials and coatings

The metallic materials and any surface coatings used in the manufacturing of the wirehoods are produced by specialized companies and may be subject over time to changes in formulations, production processes, or raw materials resulting from the evolution of applicable environmental, health, and chemical regulations.

Such variations fall within the normal industrial evolution of materials and are not under the direct control of ICAS. The performances declared in this specification must therefore be understood as limited to the conditions expressly stated in this document.

6. Disclaimer

ICAS manufactures the wirehoods through the processing and assembly of materials supplied by third parties and does not directly produce the wire or any coatings applied to it.

Therefore, ICAS does not provide any warranty, representation, or validation regarding:

- uses other than those expressly provided for in this specification;
- chemical treatments;
- washing processes containing additional substances;
- exposure to temperatures, times, or operating conditions different from those indicated;
- effects resulting from the interaction between the product and substances used in the customer's processes.

13.

TECHNICAL SPECIFICATION – Resistance of wirehoods to thermal washing processes and water treatment



7. Absence of validation for out-of-specification conditions

Any use of the product under conditions different from those indicated in this specification is to be considered out of specification. Any positive results obtained by the customer under different operating conditions do not constitute a performance warranty, do not represent a technical validation of the process, and cannot be considered applicable to subsequent supplies. Such results do not modify in any way the applicability limits of this specification.

8. Conclusion

ICAS wirehoods are suitable for use in processes carried out in clean water, at a maximum temperature of 70°C, and for maximum exposure times of 60 minutes. For any condition different from those reported above, this specification is not applicable.

Environmental conditions of conservation and storage



Environmental conditions of conservation and storage are of great importance to minimize the wear of the wirehoods and to guarantee a proper identification of the product. From the date of delivery at customer's premises the product is guaranteed for 2 years, provided the following criteria are complied with:

- Room temperature in storage area: minimum 5°C / maximum 35 °C;
- Avoid contact with water, vapor, greasing/cleansing and similar substances;
- Keep packaging and wirehoods away from: Chlorides (Cl); Sodium (Na); Potassium (K); Calcium (Ca); Sulphates (SO₄); Manganese (Mg); Phosphates (PO₄);
- Environmental humidity must be limited in order to prevent the moistening of the boxes, with consequent loss of mechanical resistance.
- The limit of 70% in environmental humidity should not be exceeded with any type of packaging (be it plastic cases, cardboard boxes or plastic trays) in order to avoid oxidation;

14.

Environmental condition of conservation and storage.



- Do not remove the wirehoods from the original packaging;
- In case of partial use of the wirehoods, do not displace the ones still in the box. Keep the packaging properly closed to avoid contact with dust or foreign bodies; do not remove the cardboard layers placed between the floors. The unused wirehoods must be placed back in their original packaging, in order not to lose the tracking information;
- Do not overlap the pallets
- Do not remove our tracking labels from the packaging. visible. Store the boxes in such a way that the side labels can be easily read
- Inventory turnover: FIFO (First In, First Out).
- The wirehoods are deformable. Pay attention to all handling and handling phases.



Thanks for the attention.



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