

CLAMPING BANDS & CLIPS FOR DICHTA FRONTSEALS® Type-A (VA) and Type-E (VE)

When the **DICHTA Frontseal®** is fitted on the shaft, the body of the ring is subject to a centrifugal force which might affect the sealing action. Moreover, to reduce the risk of breaking and to assure a strong and safe fitting of the **Frontseal®**, the radial retention can be supported by a **clamping band**.

Technical features

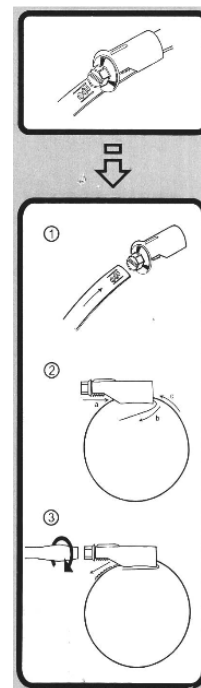
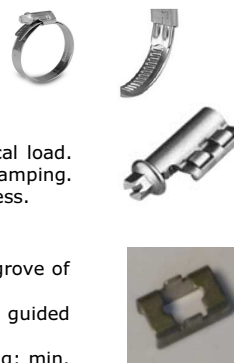
The clamping bands are ideal to be used in many different applications with a high mechanical load. With its tensile strength and the equal tension-force distribution it sets standards for reliable clamping. The clamping band perfectly fits on the **DICHTA VE-Frontseal®** and ensures an optimal tightness.

The clamping band has a width of 12 mm and a thickness of 0.8 mm, perfectly fitting into the groove of **DICHTA Frontseal® Type VE** which is 13 mm on all diameters.

For **DICHTA Frontseal® Type VA** the band has a width of 9mm, a thickness of 0.7mm and is guided by specific buckles.

The clamping band is made of stainless steel AISI 430 (corrosion resistance in salt spray testing: min. 200 h).

The screw-joint and the buckles are delivered in galvanized steel.



Based on practical experience and to achieve an equal distribution of the radial force on the whole circumference, the V-Ring should be **tightened in more points**. To this purpose we suggest to use **more pieces of band** and clamp them together with more **screw joints**. Also the number of **buckles** should be chosen in according to the dimension of the V-Ring.

With V-Rings of $\varnothing > 2000\text{mm}$ we suggest to use pieces of band of 1000-1500mm length and to place the **buckles** at a distance of 400mm from each other and in the **rotation direction**, as shown in the picture.

Dimension	N° of screw joints	N° of buckles
V200 - V400	1	4
V420 - V600	2	8
V620 - V1000	3	12
V1020 - V1500	4	16
V1520 - V2000	5	20

The **buckles** can easily be adjusted to fit the V-Ring by increasing or reducing the **width** with a pair of pliers.

To avoid the slip-stick effect you can apply on the top of the V-Ring body a thin layer of grease, so that the band can slide easily when being tightened.

Also take care to **tighten the screw joints alternately**, crosswise and a little at a time, in order to achieve an equal distribution of the clamping force.

If required, adjust the **buckles** before clamping the band completely.



(*AX) The buckles are designed to fit V-RING type A, however can easily be adjusted to fit the V-RING type AX profile by increasing the width with a pair of pliers or similar.



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