Hose Clamps

FBS – SPRINGBAND HOSE CLAMPS TO DIN 3021

Because of their design, FBS springband hose clamps are particularly suitable for use with hose-spigot connections which are submitted to extreme temperature changes. Once assembled FBS provide a continuously readjusting dynamic tightening effect.

Also at low temperatures the radially acting tightening force is sufficient to assure a reliable tightness of the system. Even hoses when FBS are used.

The advantages at a glance

- Single-part hose clamps without screw
- Uniform distribution of clamping forces
- Optimal roundness
- Temperature resistance from −40°C up to 200°C
- Unmistakable tracing due to batch numbering
- Visual control of nominal diameters by color codes
- Corrosion resistance in salt spray – testing – 720 h on mandrel

Materials

<table>
<thead>
<tr>
<th>C 75 S</th>
<th>Zinc-Aluminium Coating</th>
<th>Organic Coating</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>Basecoat</td>
<td>Topcoat</td>
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Batch number stamped on clamp band
- safe retraceability

NORMA® logo – the visible sign for high quality

Inorganic/organic coating
- optimal protection against corrosion
- coating in different color

Nominal diameter stamped on the clamp
- prevents mistakes

Special design – uniform distribution of clamping forces and optimal roundness

Round band edges
- optimal hose protection
FBS

FBS TO DIN 3021
is a space-saving clamp. It was designed with the aim of realizing the technical minimum overall height to allow its use in difficult assembly situations.

FBS HC
is a pre-opened version secured by a plastic retaining clip. After slipping the clamp onto the hose, this clamp can be easily removed by hand.

FBS MC
is a pre-opened (and, if desired, pre-positioned) clamp secured by a small metal clip. The retaining clip for this version is removed by using pliers.

FBS C
is a pre-opened clamp which is pre-positioned on the hose. The retaining mechanism for this version is an integral part of the clamp band.