The Groz-Beckert customer product

Customized needle designation for improved know-how protection and protection against mixing up needle types.

**Know-how protection:**
- The previous needle designation is replaced by a personalized designation.
- The needle designation remains unrecognizable to third parties.

**Benefits:**
- The needle designation can be optimally adapted to customer systems, such as storage, merchandise management and needle rotation systems.
- The needle designation can also be standardized throughout the company group.

**Reduced needle mix-up**

The simplified needle designation leads to easier needle handling in production.

**Process reliability:**
- The individual designation means that needles are easier to assign in production.
- Individual production processes benefit from perfectly tailored needle designations.

**The advantages of the customer product:**
- Clear label design
- Custom-tailored needle designation
- Can be amended at any time
- More know-how protection
- Increased process reliability, for example by printing the needle board section directly on the label
- Optimized adaptation options for customtailored merchandise management systems
**How does the customer product work?**

Clearly-identifiable designations for felting and structuring needles make it easy to determine the product-needle combination. Long developed process and product knowledge can thus be lost, along with the competitive edge over market competitors. This is where the Groz-Beckert customer product comes into play: The previous clearly identifiable nomenclature that describes the needle is replaced with a unique individual designation.

The comparison shows the key differences between the previous standard label and the individualized customer product label at a glance:

<table>
<thead>
<tr>
<th>Previous standard label</th>
<th>Customer product label and logistic label</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packaging unit</td>
<td>Packaging unit</td>
</tr>
<tr>
<td>Needle number</td>
<td>Customized needle designation</td>
</tr>
<tr>
<td>DataMatrix code</td>
<td>CUSTOMER 001 RED</td>
</tr>
<tr>
<td>Batch number</td>
<td>DataMatrix code</td>
</tr>
<tr>
<td>Needle designation</td>
<td>ABDUU1</td>
</tr>
</tbody>
</table>

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