The advantages

Optimized shed formation movements for doup frame, heald frame and warp yarn have successfully doubled output in relation to conventional leno systems - and that’s not all.

- Up to 100% higher production speeds on existing machines
- Unlimited patterning possibilities
- Full article-change flexibility is retained
- Standard fabrics can be produced on the same weaving machine.
- Simple and efficient installation
- Optimized shed formation movements

Shed formation movement

In center shed position, the leno end remains below the standard end. The optimized design of the leno healds guarantees the ideal distance between the heads of the doup healds at all positions of the lifting frames.

The leno end is raised into the cross shed, the standard end is lowered into the cross shed.

Change from leno weave to plain weave: The leno end is in the lower shed, the standard end in the upper shed.
### Designation

<table>
<thead>
<tr>
<th>Leno healds</th>
<th>Distance inside end loops</th>
<th>Max. shed opening</th>
<th>Max density</th>
<th>Suitable for warp yarns</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lifting healds</td>
<td>Doup healds</td>
<td>Synthetic</td>
<td>Rust resistant steel</td>
<td>Tempered steel nickel-plated</td>
</tr>
<tr>
<td>GROB® TEX</td>
<td>3,50 x 1,50</td>
<td>2,45 x 0,27</td>
<td>126 x 9 x 0,3</td>
<td>331</td>
</tr>
<tr>
<td>GROB® TRA</td>
<td>3,50 x 2,00</td>
<td>2,50 x 0,60</td>
<td>126 x 11 x 0,5</td>
<td>331</td>
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<td>2,50 x 0,60</td>
<td>152 x 11 x 0,5</td>
<td>382</td>
</tr>
</tbody>
</table>

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