

## Pins for stenter bars



### Default material

For the standard version we are using corrosion- and acid-resistant stainless steel V3M extra. To avoid bending of the pins they are standard hardened up to 60 - 62 HRC.

For special applications such as heat setting as well as the use of strong acids and bases we recommend V2A and V4A material.

All our needles are also available in the cheap electric furnace steel execution with a high carbon content which, however, increases the risk of a quicker corrosion.

### Needleshape

For the standard version we use gill pins for pin strips, because they have a perfect relation of grinding length to the cylindrical part of the needle. The shape of these needles was optimized to facilitate that they gently glide into the fabric without damaging the individual fibre.

We, of course, also manufacture according to customers` requirements.

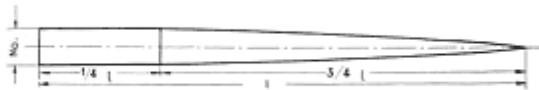


figure : gill pin

The bent barbed needles for pin strips are a specialty of us. For special applications these pins can be made of V2A and V4A material and be delivered multi-bent according to the customers specific demand.



figure : bent barbed pin