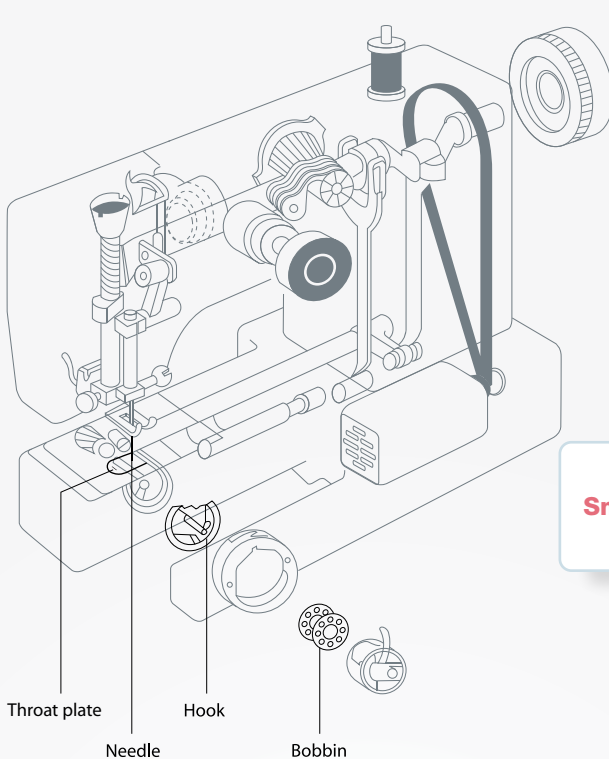


# Did you know?

Frequent needle breakages happen only because the needle hits a machine part – Throat plate, Hook point or Bobbin.



**Smart Manager's Guide**



**Beissel Tip # 1** – Needle breakage is ranked #1 cause of downtime.  
Read this guide to boost production and profits.

# 1

Check throat plates of all your sewing machines. They carry tell tale signs of needles having hit the throat plate.



### Result

- Needle breakage.
- Thread breakages when it continuously brushes against rough edges.
- Frequent down time.

### Corrective Action

- Select throat plate according to size of needle.
- Change damaged throat plates.



**Beissel Tip # 2** – Check the throat plate condition of all sewing machines as you walk past the shop floor. A quick visual inspection will do. Experience improved productivity and quality!

# 2

Most needle breakages happen when, due to incorrect machine setting, needle hits the hook point.



### Result

- Needle breakages.
- Rough edges cause thread breakages.
- If the hook point is ground to smoothen rough edges, machine setting becomes challenging. Too close, and hook point hits the needle and just a bit away from needle, results in skipped stitches.

### Corrective Action

- Frequent needle breakage in any single machine is a certain pointer to incorrect setting.
- Weekly check of hook point condition. Change damaged shuttle hook.



**Beissel Tip # 3** – Maintain the Needle Performance Chart. It will instantly reveal the machines in which most needles break. A quick route to increase productivity, quality and needle usage!

3 If Bobbin is wound manually, the side walls will go out of shape. Then it will be directly in the path of needle and will cause it to break.



✘



✔



### Result

- Needle will break in an instant.
- Needle will become blunt and begin to cause bigger holes in garments.

### Corrective Action

- Always wind the bobbin with the automatic device which spreads the thread evenly.
- Change bobbin if out of shape. After all, it is a low-cost item.



**Beissel Tip # 4** – Sometimes, the bobbin is even used as a handy tool to do/undo screws! Bobbin is guaranteed to go out of shape and cause production interruptions.

## 4 1-2-3 of needle breakage



If needle breaks in blade, it is certainly due to garment being pulled. The needle will break only in blade due to "Bending stress".



If needle breaks in the CAE, examine the tip. If it is damaged, it has most certainly hit a machine part – throat plate, shuttle hook or bobbin.



**Beissel Tip # 5** – Paste broken needles on the Needle Performance Chart. Look for needles which have broken in blade or tip damaged.

# Switch to BEISSEL.

## We keep things simple.

## You enjoy savings.



- Beissel is a world-class brand with a 200-year German pedigree that offers needles for all applications – be it woven, knit, embroidery, leather or household.
- Every Beissel needle goes through 155 stringent quality checks and conforms to DIN standards. It is no surprise that Beissel is sought after in 44 countries across all continents.
- In India, Beissel is the preferred choice of Gokaldas Exports, Shahi, Bata, Pioneer Embroidery – to name a few.
- Get **money-back guarantee**, amazing **cost savings** and **greater profitability** with Beissel.

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155 quality checks on every needle



Conforms to German DIN standards



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Useful resources available online

To learn more about needles and view details on breakage, including video clips, visit

[www.beisselstore.com/whyneedlesbreak](http://www.beisselstore.com/whyneedlesbreak)



#### CAUTION

Beware of brands that give the impression that they are of German origin. Needle industry is extinct in Germany. Not disclosing country of origin and MRP violates Indian law.

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