Welcome to the Organ Needle-Index.

On the following pages you will find various information about the different types of household sewing machine needles and their recommended use.

We hope you enjoy reading and finding out.

Your team of

ORGAN® NEEDLES

Further information and details about our products can also be found on our website:

www.organneedles.com
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COMBI

For technical details please refer to the different needle types listed further in this leaflet.

This needle assortment with 10 needles is suitable for most common sewing activities.

REMARKS:
This box offers a mixed assortment of UNIVERSAL, JEANS and SUPER-STRETCH needles.

JEANS and SUPER-STRETCH with colored shank for easy identification.

available needle sizes: various assortment with 10 needles
MULTI

For technical details please refer to the different needle types listed further in this leaflet.

This needle assortment with 5 needles is suitable for most common sewing activities.

REMARKS:
This box offers a mixed assortment of UNIVERSAL (1x80, 1x90), JEANS (1x90), SUPER-STRETCH (1x75) und TWIN (1x 80 / 2,0mm) needles.

JEANS and SUPER-STRETCH with colored shank for easy identification.

available needle sizes: various assortment with 5 needles
UNIVERSAL

130/705H

regular point needle for general domestic sewing

This needle is suitable for sewing suede, corduroy, organdy, batiste, linen, poplin, broadcloth and others.

REMARKS:
Also available as twin needle.

available needle sizes: single sizes 60, 70, 80, 90, 100, 110, 120 assortments with 5 or 10 needles
JERSEY

130/705H SUK

medium ball point needle for general knitted fabrics

This needle is suitable for sewing woven and knitted fabrics like single jersey, fleece and helanca.

available needle sizes: single sizes 70, 80, 90, 100
assortment: 70 - 100
SUPER-STRETCH

HA x 1 SP

This needle is suitable for sewing simplex, latex, Lycra, sportswear fabrics and general elastics.

REMARKS:
This needle has following countermeasures against the main troubles, when sewing knitwear. The thickened eye section of the needle continuously enlarges the penetration area. The medium ball point prevents thread breakages of the fabric (needle hole).

A specially formed scarf helps to avoid skipped stitches by giving enough clearance to the rotating hook. Loop formation becomes stable and the loops are caught securely by the hook. A specially swaged blade positively controls the flattering of the needle.

available needle sizes: single sizes 65, 75, 90
assortment 75 + 90 with 5 or 10 needles
JEANS
130/705H-J

slim, sharp pointed needle for denim, blue colored shank

This needle is suitable for sewing Jeans, canvas, coated fabrics, flannel, artificial leather or similar thick fabrics.

REMARKS:
The slim set point reduces the penetration resistance and prevents needle and thread breakages.

available needle sizes: single sizes 90, 100, 110
assortment 90 + 100
LEATHER

130/705H-LL

narrow twist (cutting) point needle

This needle is suitable for all kinds of leather and suede sewing.

REMARKS:
When sewing a fiber-crowed fabric, the needle hole tends to be too small.

With its unique knife shaped point the needle makes stable sized needle holes. Also useful for making angle stitches.

available needle sizes:
assortment 90 + 100
MICROTEX
130/705H-HM

slim set point needle for micro fabrics

This needle is suitable for sewing fine clothes like batiste, chiffon, organdy, lace, linen, toweling or any other microfiber.

REMARKS:
This needle has an enlarged needle eye in relation to the needle size.

High density material is protected from wrinkles.

available needle sizes: single size 90
assortment 60 + 70
This needle is suitable for quilting and patchwork sewing and also recommended for the sewing of button holes.

REMARKS:
The flattening angle of this needle is larger, which makes the rotating hook come closer to the scarf of the needle. In this way the hook can catch the loop securely even if the loop formation is unstable.
The cliff-scarf supports the formation of larger loops and the upward movement of the upper thread. It also prevents skipped stitches.
The slim tapered shape from the needle eye to the needle tip makes needle holes become smaller and the appearance of cotton fibers inside the material is reduced. This slim shape also reduces the penetration resistance when sewing the thick quilts.

available needle sizes: single size 80
assortment 75 + 90
This needle is suitable for quilting and patchwork sewing and also recommended for the sewing of button holes.

REMARKS:
When using adhesive sprays, fusible fleece, glue sticks or Velcro. Reduced thread breakage while quilting.
The flattening angle of this needle is larger, which makes the rotating hook come closer to the scarf of the needle. In this way the hook can catch the loop securely even if the loop formation is unstable.

The slim tapered shape from the needle eye to the needle tip makes needle holes become smaller and the appearance of cotton fibers inside the material is reduced. This slim shape also reduces the penetration resistance when sewing the thick quilts.

available needle sizes: single size 90
This needle is suitable for embroidery sewing with thicker thread and multi directional stitching.

REMARKS:
Embroidery requires sewing in multiple directions. This is much different from normal sewing. Therefore there are many movements and twists of the thread. As a result upper thread damage and skipped stitches might occur.

Equipped with larger needle eye (length and width of eye) enabling the use of a large variety of embroidery threads, including thick thread. A cliff scarf contributes to stable and larger loop formation, in order to prevent skipped stitches. The light ball point avoids damages of the embroidery thread.
EMBROIDERY COMBI BOX

For technical details please refer to the different needle types listed further in this leaflet.

This needle assortment is suitable for all embroideries in a box with 5 needles.

NOTE:
This box contains a mixed assortment of

ANTIGLUE (1x75),
EMBROIDERY (1x75),
TITANIUM SUK (1x75),
METAL (1x 90) and
TOP-STITCH (1x80) needles.
LP Coating

- The problem solution for adhesive residues at the embroidery needle
- Decisively longer service life in comparison to common embroidery needles
This needle is suitable for embroidery sewing of materials, which are fixed with adhesive sprays, e.g. fleece or Velcro.

**REMARKS:**

**ANTI-GLUE** needles have a very good embroidery property. They are particularly suitable for materials, which are fixed with adhesive sprays, e.g. fleece or Velcro. The needle itself has same features like our regular embroidery needle.

**ANTI-GLUE** needles significantly reduce the appearance of glue remainders in the groove and the eye of the needle. The life time of **ANTI-GLUE** needles is remarkably longer in comparison to ordinary embroidery needles. When using **ANTI-GLUE** needles thread breaking due to glued needles is minimized.

Available needle sizes: single size 75
Assortment: 90 + 100
METAL

130/705H-MF

light ball point needle for sewing with metallic threads

This needle is suitable for embroidery sewing with metallic (gold/silver) threads or specially treated threads.

REMARKS:
This needle has an enlarged needle eye (twice longer compared to UNIVERSAL). This minimizes the pressure of the metallic thread.

Metallic threads have delicate foliations on the surface, which can be removed easily. By using this needle the trouble of peeling thread surfaces can be reduced as well as thread breakages.

available needle sizes: single size 90
assortment 90 +100
This needle is suitable for quilting seams with thicker threads. It can also be used for the sewing of button holes, for decorative stitches with thicker threads and for repair embroidery.

REMARKS:
This needle has a larger and longer needle eye. The groove is wider in relation to the thickness of the needle and the distance from eye to butt is shorter compared to UNIVERSAL needles.
**SILK**

HA x 1 GT

regular point in small size

smallest available needle size for domestic needles

This needle is suitable for sewing velvet, satin, silk, swim wear and lingerie.

**REMARKS:**
This needle has an enlarged needle eye in relation to the needle size, a wider groove in relation to the needle size and a tapered shank against puckering and skipped stitches.

available needle size: single size 55
This needle is suitable for semi-professional general sewing.

**REMARKS:**
The needle surface is coated with titanium nitride for a longer needle life.

The strength is increased by high hardness, in combination with perfect durability and excellent anti-abrasion resistance.

Available needle sizes:
assortment 75 + 80 + 90
This needle is suitable for over lock (cover-stitch) machines, which make over lock, cover and safety stitches.

**REMARKS:**
chromium finished for high performance, deep scarf, double grooved for a good thread tension. ORGAN ELx705 CR needles have a long and a short groove on the scarf side of the needle. Cover lock machines make chain stitches. This is why the short groove will support smooth thread moving.

Not appropriate for normal domestic sewing machines.

available needle sizes: single sizes 75, 80, 90
This needle assortment with 6 needles is suitable for over lock (cover-stitch) machines, which make over lock, cover and safety stitches.

**REMARKS:**
chromium finished for high performance, deep scarf, double grooved for a good thread tension. ORGAN ELx705 CR needles have a long and a short groove on the scarf side of the needle. Cover lock machines make chain stitches. This is why the short groove will support smooth thread moving.

Not appropriate for normal domestic sewing machines.

available needle sizes:
assortment 80 + 90
TWIN
130/705HZ

This needle is suitable for sewing braids and for creating decorative stitches.

REMARKS:

<table>
<thead>
<tr>
<th>Needle Distance</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td>1.4 mm</td>
<td>70</td>
</tr>
<tr>
<td>1.6 mm</td>
<td>70</td>
</tr>
<tr>
<td>2 mm</td>
<td>70, 80, 90</td>
</tr>
<tr>
<td>2.5 mm</td>
<td>80</td>
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<tr>
<td>3 mm</td>
<td>80, 90</td>
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<tr>
<td>4 mm</td>
<td>80, 90, 100</td>
</tr>
<tr>
<td>6 mm</td>
<td>100</td>
</tr>
</tbody>
</table>

especially wide needle distance
TWIN-STRETCH

HZx705 HSB

twin needle with medium ball point

This needle is suitable for sewing stretch material like knit and sportswear fabrics and for creating decorative stitches.

REMARKS:

<table>
<thead>
<tr>
<th>needle distance</th>
<th>2.5 mm</th>
<th>size</th>
<th>75</th>
</tr>
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<tbody>
<tr>
<td>needle distance</td>
<td>4 mm</td>
<td>size</td>
<td>75</td>
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This needle has a special designed shape and medium ball point for better loop formation, thus preventing skipped stitches and fabric yarn breakages.
NEEDLE ANATOMY

- Flat Shank
- Taper
- Groove
- Blade
- Needle Eye
- Tip of the Point
- Scarf
- Point Groove
## OUR NEEDLE POINTS

<table>
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<tr>
<th>Description</th>
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<tr>
<td>Regular point</td>
<td>R</td>
<td><img src="image" alt="Diagram" /></td>
</tr>
<tr>
<td>Light ball point</td>
<td>J</td>
<td><img src="image" alt="Diagram" /></td>
</tr>
<tr>
<td>Medium ball point</td>
<td>B</td>
<td><img src="image" alt="Diagram" /></td>
</tr>
<tr>
<td>Slim sharp point</td>
<td>SPI</td>
<td><img src="image" alt="Diagram" /></td>
</tr>
<tr>
<td>Cutting point, leather left</td>
<td>LL</td>
<td><img src="image" alt="Diagram" /></td>
</tr>
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</table>
In order to achieve good results in your sewing work, you should always change your sewing machine needles as required. The different fabric properties also have different requirements for the tools you use to process them. Fine fabrics require narrow tips and fine threads, while coarse materials are best worked with hardened needles and round tips.

Worn needles can also cause damage to the fabric, blunt or bent needles cause skipped stitches, thread breakage and in extreme cases damage to the needle plate.

**We recommend:**
Store your needles in their original boxes after finishing the sewing process, there they are secured against mix-ups and in good hands.

We work on the development for your creativity and wish you much pleasure while sewing!