



ORGAN NEEDLE CO., LTD.

Product Brochure

製品カタログ
産品目録

Sewing machine needles
ミシン針
縫紉針



LARGE NEEDLE EYE

ORGAN[®] NEEDLES INFORMATION

LE Series

Special application needle LE developed for using thicker thread without changing the size of the needle in accordance with materials.
-Larger eye and Wider groove-



Problems in use of thicker thread
Loose stitch / Untwisting of upper thread
Half pick-up thread with an extremely poor loop
Upper thread breakage



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The LE needle produces a high quality stitch appearance in thick thread

Regular



LE



Large eye

The LE needle has a needle eye two sizes larger than a regular one. In case of using the thicker thread, you can use the same size without changing to a bigger size. Also, you can use a smaller size without changing to the thinner thread.

Thicker thread for materials to make attractive designs

Non-smooth thread

Loose stitch and half pick-up thread due to thick thread

When using the thicker thread, the larger eye prevents the stitches from loosening and being half picked up. This needle can also be effective for non-smooth thread.

Back of the material

☆Regular

[Loose stitch]



[Half pick-up thread]



☆LE



When the thinner needle is required to avoid fabric yarn breakage (Needle hole)

Fabric yarn breakage due to thick thread

The general solution to avoid fabric yarn breakage is to make the needle size smaller. The special design of the large eye of LE needle enables you to make the size much smaller than regular one. Consequently, fabric yarn breakage is prevented to a large extent.

THE LE NEEDLES PRODUCT RANGE

New systems	60/8	65/9	70/10	75/11	80/12	90/14	100/18	110/18	120/19	125/20	130/21	140/22	140/22	180/24	Former systems
DPX134LE(DPX5)															DP-K15
DPX17LE															DP-K35
DVX57LE															DV-K20, DV-25
UYX128LE															DV-K39
DCX27LE(DCX1)															DC-K21
DBX1KNLE															DB-K23
DBXK5※															

LE series has hard chromium plating like regular one. Other special coatings such as PD, HP and LP are also available for the LE needle.

※"DBXK5" is a large eye version of "DBX1". "DBX9ST" and "DBX7ST" are special versions that have much larger eyes.

