

Your Courage.
Our Care.

Combining your strengths with ours to create new value

There are no days off from diabetes – and Terumo understands how some days can be a struggle.

Terumo stands beside patients, offering solutions that reflect our determination to make even a small difference in overcoming those difficulties.

We stand side by side with you on the same mission to support a happier life of patients.

Let's share our passion.

Let's share our potential.

Let's achieve our goal together.

Enrich your solution with Terumo's ultra-thin pen needle and its structure.

Let's work together to help make diabetes patients' lives happier.

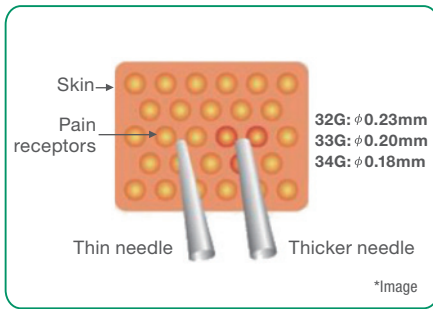


Disposable needle for pen-injectors

- The world's thinnest 34G double tapered pen needle^{*1}
- Asymmetric bevel^{*2}
- Slim double tapered shape^{*2}

*1 Based on research by Terumo Corporation in November 2020. *2 Patented technology.

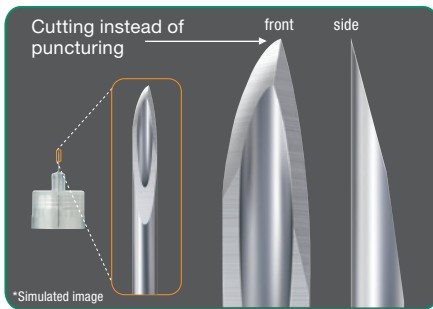
Terumo's world's thinnest double tapered pen needle^{*1}, with asymmetric bevel^{*2}.



The world's thinnest double tapered pen needle 34G^{*1}

Injection discomfort is primarily related to needle thickness. There are 100-200 pain receptors per cm^2 human skin surface. To minimize the risk of contact with these receptors, Terumo has realized an extra-thin 34G needle with a diameter of only 0.18mm.

^{*1} Based on research by Terumo Corporation in November 2020. ^{*2} Patented technology.

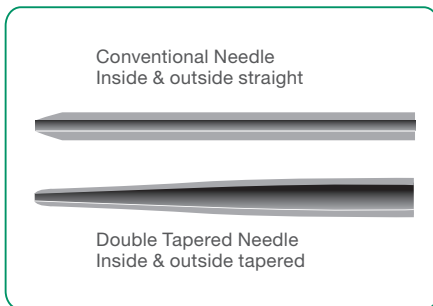


Asymmetric bevel^{*1}

Terumo has developed a unique asymmetric bevel^{*1} that cuts the skin instead of puncturing it. This effectively decreases penetration resistance^{*2}.

^{*1} Patented technology

^{*2} Data show less puncture resistance for the asymmetric edge compared to a standard 3-bevel. (T. Asakura, 2013, Jpn J Med Pharm Sci 69(1):147-155).



Slim double tapered shape^{*1}

The patented slim double tapered needle shape reduces the insulin injection force significantly^{*2}, which usually increases as the diameter of the needle becomes smaller. Thanks to the slim shape up to the base of the needle and the gentle taper angle, the force applied to the needle is dispersed and the strength is more easily achieved.

^{*1} Patented technology

^{*2} Asakura T., Seino H., 2013, Jpn J Med Pharm Sci 69(1):137-146. & Asakura T., 2013, Jpn J Med Pharm Sci 69(1):147-155.

Terumo can manufacture this fine product in large quantities without compromising on quality by applying advanced production technology and strict quality control.

Terumo's Strength

1. Technology

Develops and provides devices and solutions by applying its advanced technologies and knowhow.



2. Manufacturing

Realizes stable mass production of high-quality products with advanced production technology.



3. Reliability

Provides comprehensive solutions covering the entire diabetes field in Japan, where medical care is always at the cutting edge, and has been rated highly by doctors and patients.



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For more details, <https://diabetes.terumo.com>