



Low Dead Space.
Product loss
close to zero.



TSK Laboratory Europe BV
De Scheper 309
5688HP Oirschot
The Netherlands

europa@tsklab.com
www.tsklab.com
+31 85 760 7630

Premium injection
solutions for
aesthetics

Significant product savings

The STERiJECT™ Low Dead Space Needle introduces a new standard in injection precision and cost-efficiency. Its innovative hub is engineered to reduce residual volume to virtually zero, minimizing waste and making it ideal for handling high-value medications with confidence.

At the core of its performance is STERiJECT™ extra thin wall technology, which features an enlarged inner diameter. This

enhancement reduces extrusion force by up to 35%, enabling smoother, more controlled injections.

Security and reliability are further reinforced by the hub's external threading, which ensures a tighter luer lock connection, minimizing the risk of "pop-off" under pressure and preventing leakage.

The ultra sharp bevel cut reduces the insertion force, which make it easy to inject.

The hub is also constructed from a

hard polymer, eliminating flexing and ensuring consistent, secure performance even under challenging conditions.

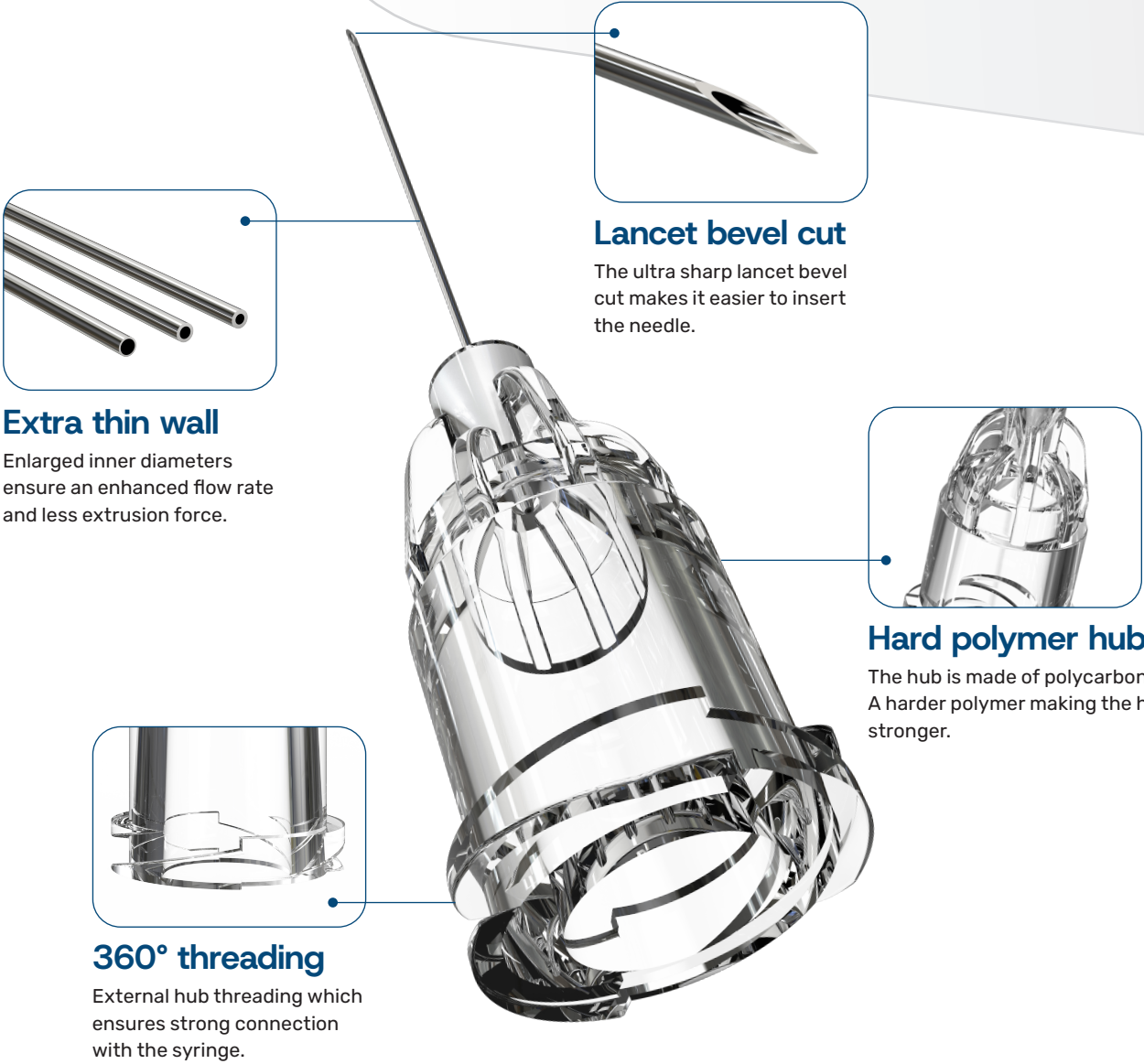
The STERiJECT™ Low Dead Space Needle has gained recognition in critical medical applications. It is listed by Pfizer and BioNTech as compatible with their system for extracting an additional sixth dose from mRNA vaccines, underscoring both its precision and trustworthiness.

Traditional Hub
Loss: 0.042mL



Low Dead Space Hub
Loss: 0.005mL





Extra thin wall
Enlarged inner diameters ensure an enhanced flow rate and less extrusion force.



Lancet bevel cut
The ultra sharp lancet bevel cut makes it easier to insert the needle.

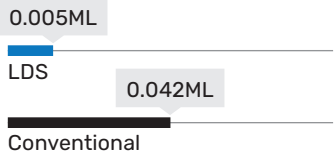


Hard polymer hub
The hub is made of polycarbonate. A harder polymer making the hub stronger.



360° threading
External hub threading which ensures strong connection with the syringe.

Minimal product loss.

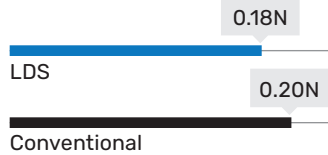


Loss close to zero.

Extensive testing shows that our Low Dead Space (LDS) needle delivers a substantial reduction in product loss compared to conventional needles.

Eurofins Material Science Netherlands B.V.

Optimal sharpness.



Lowest penetration force.

Our 34G Low Dead Space (LDS) needle penetration force is 0.014 N lower than conventional needles. This makes it easier for the practitioner to inject.

Internal testing

Available sizes for the Low Dead Space Needle:

Product code	TSKiD Inner Diameter	Gauge	Length
LDS-02009-100	Standard	0.20	9mm (3/8 inch)
LDS-33013-100	Standard	33G	13mm (1/2 inch)
LDS-33009-100	Standard	33G	9mm (3/8 inch)
LDS-30013I-100	Large	30G	13mm (1/2 inch)
LDS-30009I-100	Large	30G	9mm (3/8 inch)

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