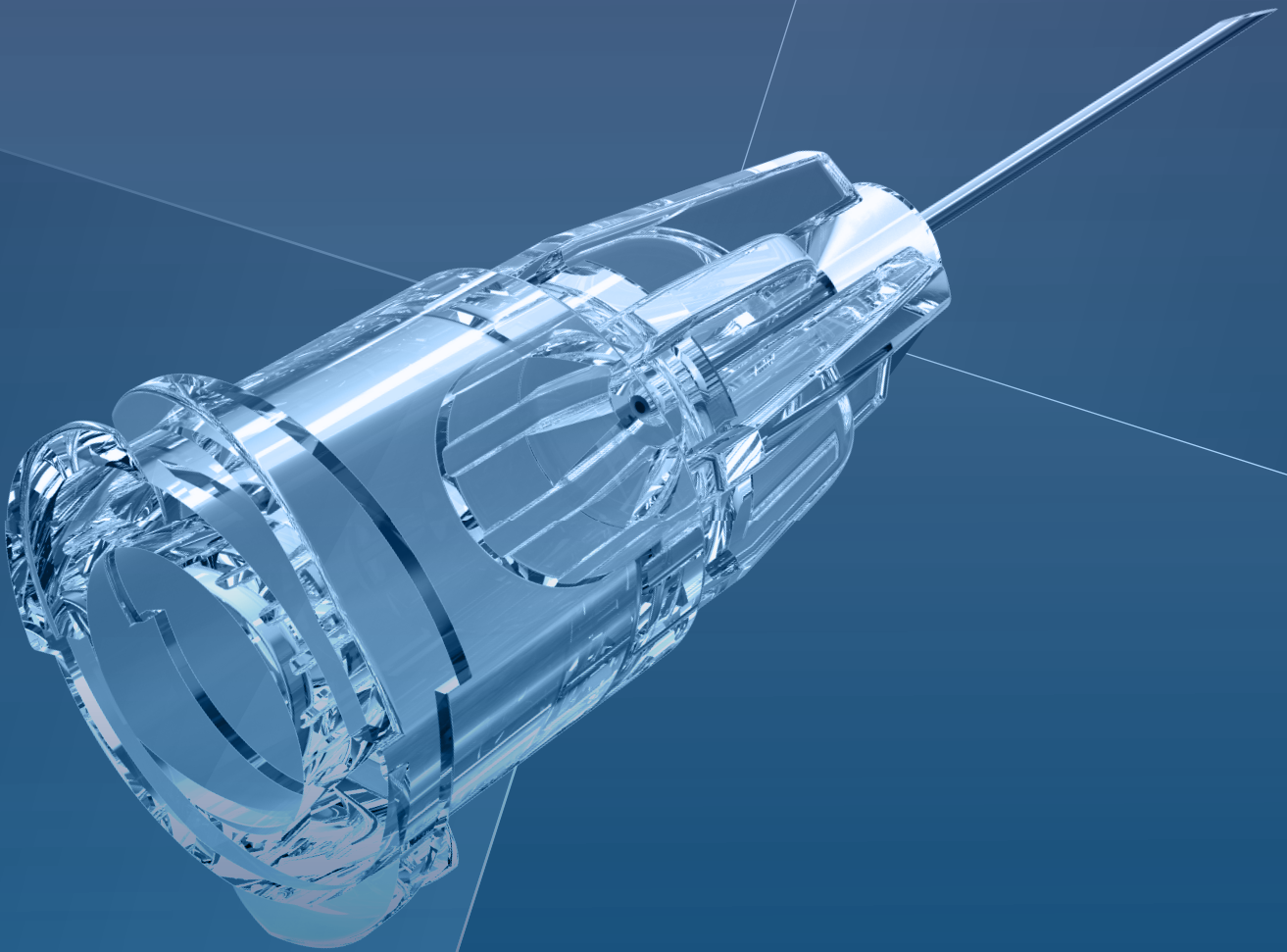


**TSK**

Advanced hub.  
**Best possible flow rate.**  
**More controlled injection.**



---

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

# 60% bigger inner diameter.

The HPC Advanced Hub establishes a new standard for control and performance in aesthetic injections. Its advanced hub geometry and optimized internal flow path are designed to improve fluid dynamics, enabling smoother and more consistent delivery of high-viscosity dermal fillers.

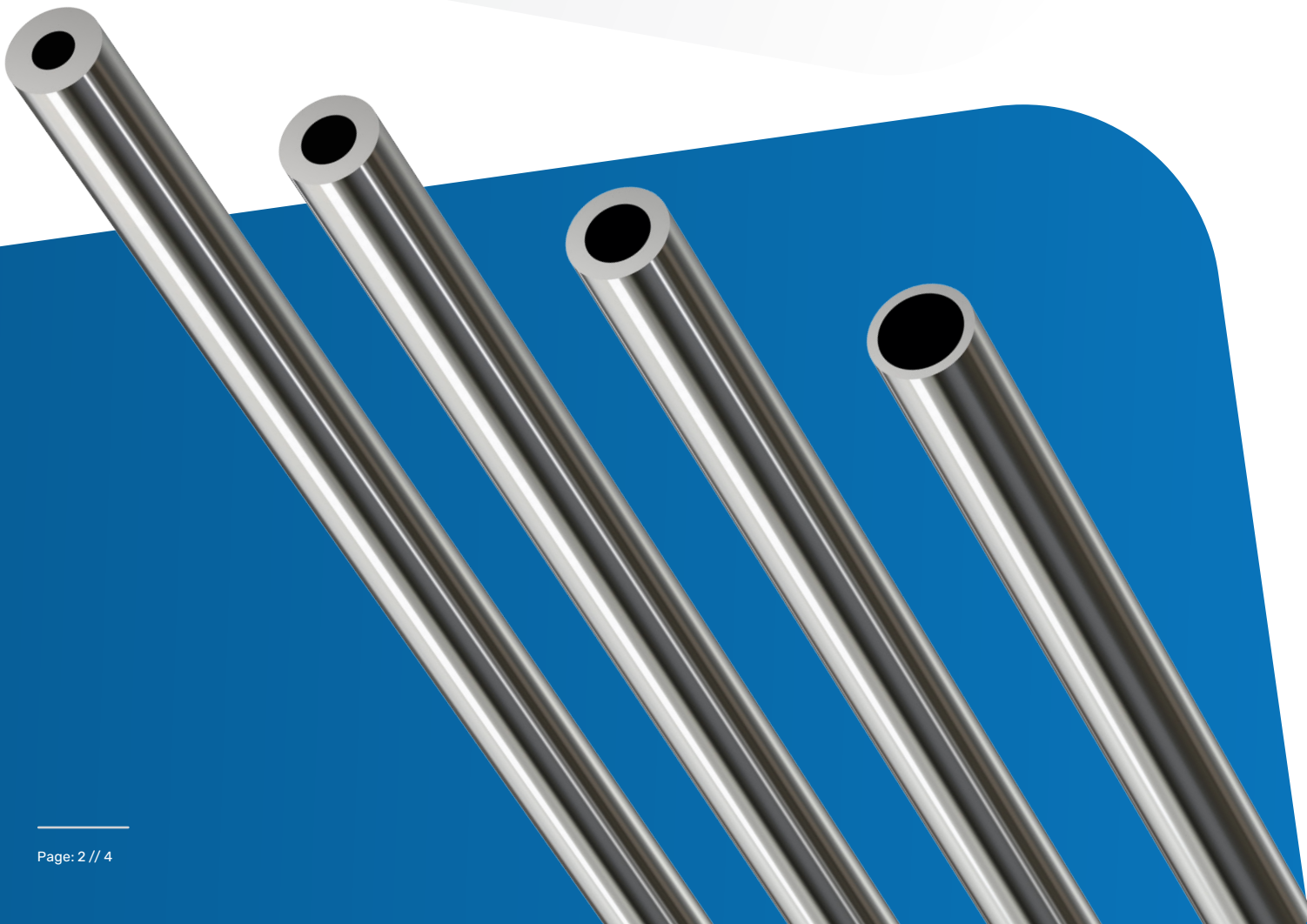
At the core of its performance is TSKiD™ Max technology, which combines an ultra thin-wall needle

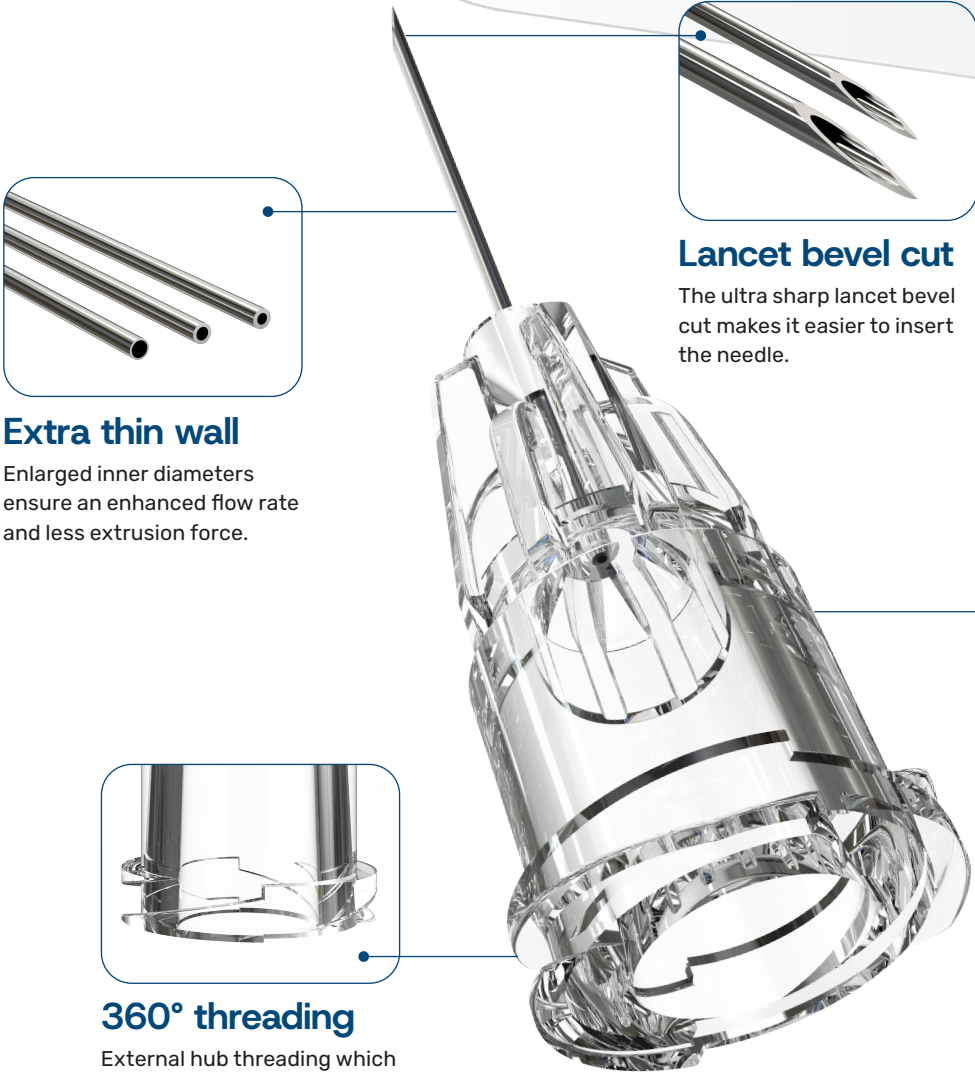
with an enlarged inner diameter. This design significantly reduces extrusion force, allowing for smoother, more controlled injections and enhanced tactile feedback for the practitioner.

Security and reliability are reinforced by the hub's external threading, ensuring a tighter luer lock connection. This minimizes the risk of pop-off under high pressure and helps prevent leakage during demanding procedures.

The hub's shorter and wider internal configuration further supports improved flow, particularly when injecting fillers with higher viscosity or particle content, enabling greater precision and injection efficiency.

Manufactured from a hard polymer, the HPC Advanced Hub resists flexing under pressure, ensuring consistent stability and dependable performance in advanced aesthetic applications.





### 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.

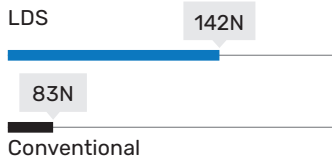
### Hard polymer hub

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.

## Pop-off resistant.

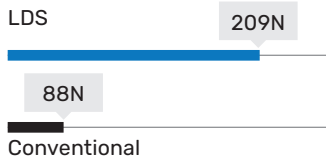


### Minimal pop-off risk.

Pop-off: TSK and SCHOTT combination resists more than 1.5x more pressure before pop-off occurs. An average force which is nearly 70% higher needs to be applied before needle pop-off occurs with the TSK HPC needle.

Internal testing by SCHOTT

## Preventing leakage.



### Minimal risk of leakage.

TSK' Advanced Hub withstands 2.5x more pressure before leakage occurs. An average force which is nearly 150% higher needs to be applied before leakage occurs with the TSK HPC needle.

Internal testing by SCHOTT

## Available sizes for the Advanced hub needle:

Product code	TSKiD Inner Diameter	Gauge	Length
HPC-31013E-100	Ultra	31G	13 (1/2 inch)
HPC-30013E-100	Ultra	30G	13mm (1/2 inch)
HPC-29013E-100	Ultra	29G	13mm (1/2 inch)
HPC-29010E-100	Ultra	29G	10mm (13/32 inch)
HPC-30013I-100	Large	30G	13mm (1/2inch)
HPC-27013I-100	Large	27G	13mm (1/2 inch)

Premium injection solutions for aesthetics

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

**Order now**  
[www.tsklab.com](http://www.tsklab.com)

