



AISI 302

THE BEST MATERIAL!

FSSB 2
QUALITY X

EVERY SINGLE NEEDLE IS
MACHINE AND MANUALLY
CONTROLLED.

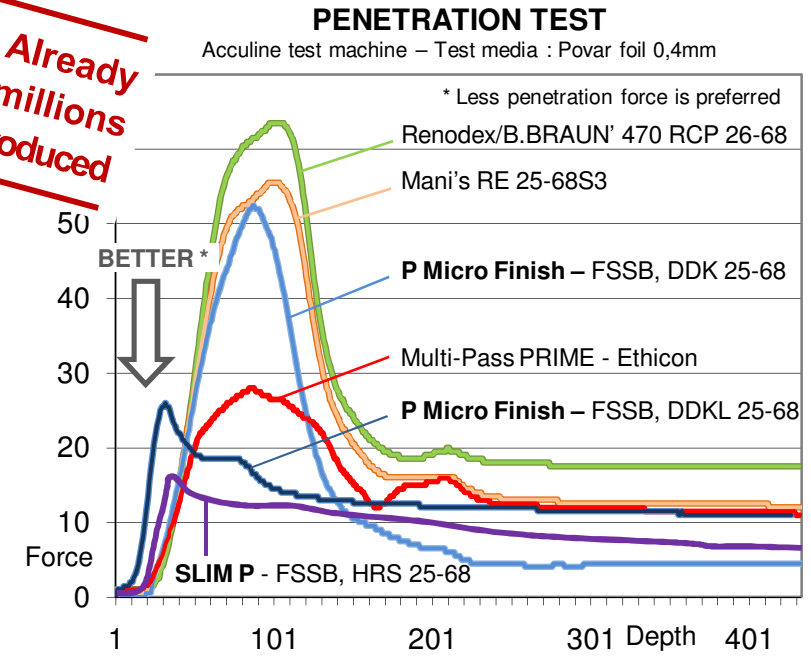
P MICRO FINISH

BEST PENETRATION EVER!

FSSB's micro-finishing process, called P Micro-Finish, is the ultimate process to reach the lowest penetration performance, pass after pass.

Today, P Micro Finishing needles are available in Reverse Cutting, Taper Point and Taper Cutting needles.

100 Already millions P needles produced



NEW HOLE TECHNOLOGY

FSSB is using a new technology to make PTFE and PP crimping as easy as other suture materials. Please ask FSSB for more details.

BLACK SURGICAL NEEDLE

NEW SLIM P TAPER POINT 4 millions sold in 2015

Standard TAPER POINT

In addition to our Standard Taper points, FSSB now offers a line of **SLIM P** Taper Point needles. **SLIM P** is having a long tapered point bringing improved penetration properties and minimizing tissue trauma. Ask us for samples.

NEEDLE CODES

Curvature
D = 3/8 (135°)
H = 1/2 (180°)
160 = 160°
G = straight

Needle Point and Body
RS = Taper point
DK = Reverse cutting
DS = Taper cutting
...

HRS 26-33-68 (P)

Needle Length
In mm
Thread hole diameter
In micron
Needle Diameter
In micron

Coating
All Regular needle are silicone coated.
P micro finish provides best penetration ever.

MOST COMMON SURGICAL NEEDLES

<p>TAPER POINT</p> <p>CODE : RS</p>	<p>TAPER CUTTING</p> <p>CODE : DS</p>	<p>REVERSE CUTTING</p> <p>CODE : DK</p>	<p>INSIDE CUTTING</p> <p>CODE : DKS</p>	<p>STERNOTOMY</p> <p>Conventional cutting</p> <p>△ FB</p> <p>▲ FBK (with short sharpening)</p> <p>Reverse cutting</p> <p>▽ FBS</p> <p>▼ FBSK (with short sharpening)</p> <p>Available in length 48 and 55 mm</p>
<p>SOFT CUTTING</p> <p>CODE : DSL</p>	<p>DIAMOND POINT</p> <p>CODE : DP</p>	<p>SPATULA</p> <p>CODE : LZ</p>	<p>BLUNT POINT</p> <p>CODE : BP</p>	

PRODUCT RANGE

LENGTH in mm

WIRE 3,7 5 6,2 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60

50µm
70µm
85µm
100µm
150µm
200µm
230 µm
250 µm
280 µm
300µm
350µm
0,43mm
0,48mm
0,53mm
0,58mm
0,63mm
0,68mm
0,73mm
0,78mm
0,83mm
0,88mm
0,99mm
1,08mm
1,18mm
1,28mm
1,58mm

MICRO OPHTHA

REGULAR NEEDLES

JUST ASK*

* FSSB manufactures needles according to customer needs. Please ask FSSB for any needle types.

LASER HOLE TECHNOLOGY

Available from USP 11/0 to USP 4/0

OPHTHALMIC & MICRO NEEDLES & SUTURES

**WORLD
LEADER**

NEEDLE CODIFICATION

DLZ 6,2 -150 for 10/0 NYLON

Curvature : V(1/4), D(3/8), H(1/2), B(Bicurved), G(straight)

Needle Point : Spatula (LZ), Taper(RS), Taper cutting (DS), Reverse cutting (DK), Soft cutting point cardio (DSL)

Length : From 3,7mm to 16mm

Wire diameter : 50 to 350 micron

SUTURE CODIFICATION

(2x) DLZ 6,2 -150 USP 10/0 NYLON Black Mono 30cm

Thread choice : PGA, Nylon, Silk, Polypropylene, Polyester and PVDF. **FSSB Packaging** : Needle only, thread attached needles on paper board, sutured needle in inner pouch and sutures in aluminium foil



FSSB – IN SHORT

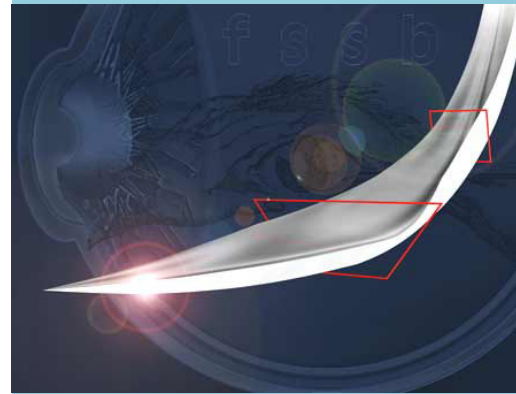
From Germany, FSSB is today the largest independent manufacturer of surgical needles in the world. Offering the highest quality of suture needles, FSSB has two factories in Germany: one in Jestetten, which is also the headquarters, and one near Leipzig, in Poesneck.

100% of FSSB needles are made in Germany: All our needle manufacturing is automatized, which ensure flexible and short deliveries.

New factory in Poesneck



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ISO 13485 – FDA Certified
www.fssb.de

#1 INDEPENDENT SURGICAL NEEDLE MANUFACTURER



LET'S MOVE SURGICAL NEEDLES