

Unsere chirurgischen Nadeln

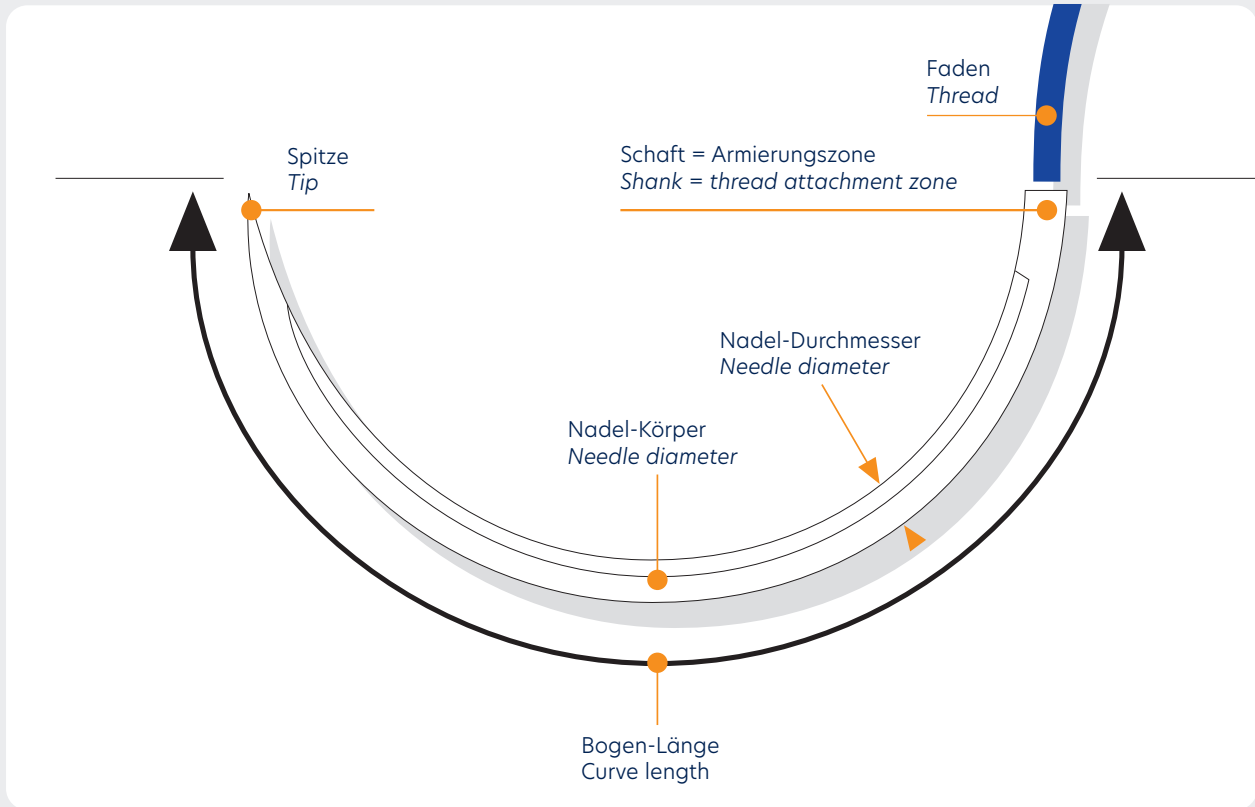
Our surgical needles

REPAIR & REGENERATE

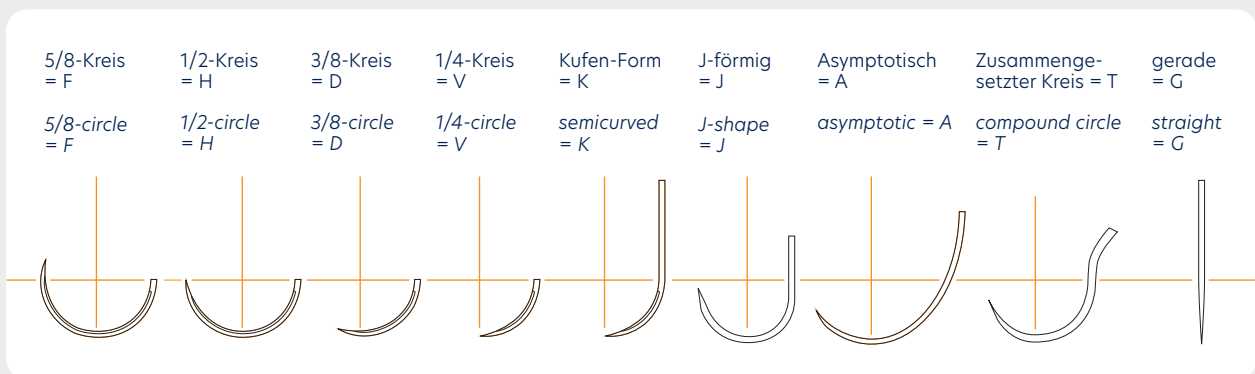


Advanced Medical Solutions

Nadelaufbau
Needle structure



Nadelformen
Needle shapes



Nadelcode

Needle code

Der 1. Buchstabe gibt die Nadelkrümmung an

F = 5/8-kreisförmig
H = 1/2-kreisförmig
D = 3/8-kreisförmig
V = 1/4-kreisförmig
K = 1/2-kreis/kufenförmig
J = J-förmig
A = Asymptotisch
T = Zusammengesetzter Kreis
G = Gerade

1. letter: Indicates the curvature of the needle

F = 5/8 circle
H = 1/2 circle
D = 3/8 circle
V = 1/4 circle
K = semicurved
J = J-shaped
A = asymptotic
T = compound circle
G = straight

Der 2. Buchstabe gibt Auskunft über die Ausführung von Nadelkörper und -spitze

R = Rundkörper-Nadel
S = Schneidende Nadel (außen)

2. letter: Gives information on the type of needle and needle tip

R = round bodied needle
S = reverse cutting needle

Der 3.+4. Buchstabe bezeichnet die Sonderformen von Nadelkörper und -spitze

I = innen schneidend
M = PREMIUM-Schliff (z.T. Handschliff)
N = Stumpfe Spitze
T = Schneidende Spitze (DIAMOND)
P = Spatula-Nadel (PREMIUM/DIAMOND)
S = stärkerer Durchmesser
X = extra starker Durchmesser
F = feiner PREMIUM-Schliff "THIN LINE" (z.T. Handschliff)
W = biegsame Nadel

3.+4. letters: Describe special features of the needle and needle tip

I = conventional cutting
M = PREMIUM cut (partly hand-honed)
N = blunt point
T = trocar point
P = spatulated needle
S = stronger diameter
X = extra strong diameter
F = thin PREMIUM cut "THIN LINE" (partly hand-honed)
W = flexible needle

Die Zahlen geben die gestreckte Länge der Nadel (Bogenlänge) in Millimeter an

S (nach Zahlen) = stärkerer Durchmesser
F (nach Zahlen) = extra feiner Durchmesser

Numbers indicate the straight (extended) length of the needle in mm

S (after number) = stronger diameter
F (after number) = extra thin diameter

H R X 30

Querschnitte und Spitzen

Cross-sections and points



Spatula Nadel ◻ = P

1/2-, 3/8- oder 1/4-kreisförmig oder gerade
= HSPM, DSPM, VSPM

- ▶ Für Augen- und Mikrochirurgie
- ▶ Abgeflachter Nadelkörper
- ▶ PREMIUM-Schliff
- ▶ Seitlich schneidend

Spatula needle ◻ = P

1/2 circle, 3/8 circle, 1/4 circle, or straight
= HSPM, DSPM, VSPM

- ▶ For use in ophthalmic surgery and microsurgery
- ▶ Needle cross-section flattened
- ▶ PREMIUM cut
- ▶ Cuts on lateral edges



Außen schneidende Nadel ▼ = S

1/2-, 3/8-kreisförmig, 1/2-gebogen
oder gerade = HS, DS, KS, GS

- ▶ Für festes Gewebe, wie z.B. Haut
- ▶ Dreieckiger Nadelquerschnitt
- ▶ z.T. mit PREMIUM-Schliff M erhältlich

Reverse cutting needle ▼ = S

1/2 circle, 3/8 circle, semicurved or straight
= HS, DS, KS, GS

- ▶ For use in firm tissue such as skin
- ▶ Triangular needle cross-section
- ▶ Also available with PREMIUM cut needles M



Innen schneidende Nadel ▲ = SI

1/2-, 3/8-kreisförmig
= HSI, DSI

- ▶ Für festes Gewebe, wie z.B. Haut
- ▶ Dreieckiger Nadelquerschnitt
- ▶ z.T. mit PREMIUM-Schliff M erhältlich

Inner cutting needle ▲ = SI

1/2 circle, 3/8 circle
= HSI, DSI

- ▶ For use in firm tissue such as skin
- ▶ Triangular needle cross-section
- ▶ Also available with PREMIUM cut needles M



Schneidende Rundkörpernadel ◐ = RT

1/2-, 3/8-kreisförmig, J-förmig, asymptotisch
oder gerade = HRT, DRT, JRT, ART, GRT

- ▶ Für festes Gewebe, sklerotische Gefäße und Prothesen
- ▶ Nadelspitze dreikantig geschliffen

Round-bodied cutting needle ◐ = RT

1/2 circle, 3/8 circle, J-shaped, asymptotic
or straight = HRT, DRT, JRT, ART, GRT

- ▶ For use in firm tissue, sclerotic vessels, and implants
- ▶ Needle tip triangular in section



Stumpfe Rundkörpernadel ○ = RN

1/2-, 3/8-kreisförmig oder 1/2-gebogen
= HRN, DRN, KRN

- ▶ Für Parenchymgewebe, Cervix und Muskelzüge am Auge
- ▶ Stumpfe Nadelspitze
- ▶ Kein Durchstechen von Gefäßen oder Sehnen

Blunt, round-bodied needle ○ = RN

1/2 circle, 3/8 circle or semicurved
= HRN, DRN, KRN

- ▶ For use in parenchymal tissue, the cervix, and muscle traction in the eye
- ▶ Needle tip blunt
- ▶ No puncturing of vessels or tendons



Rundkörpernadel ● = R

5/8-, 1/2-, 3/8-förmig, zusammengesetzt
kreisförmig, J-förmig oder gerade
= FR, HR, DR, TR, JR, GR

- ▶ Für weiches Gewebe (subcutan), wie Muskel, Faszie, Schleimhaut
- ▶ Zum besseren Sitz des Nadelhalters ist der Nadelkörper im mittleren Bereich abgeflacht
- ▶ Leichter Einstich

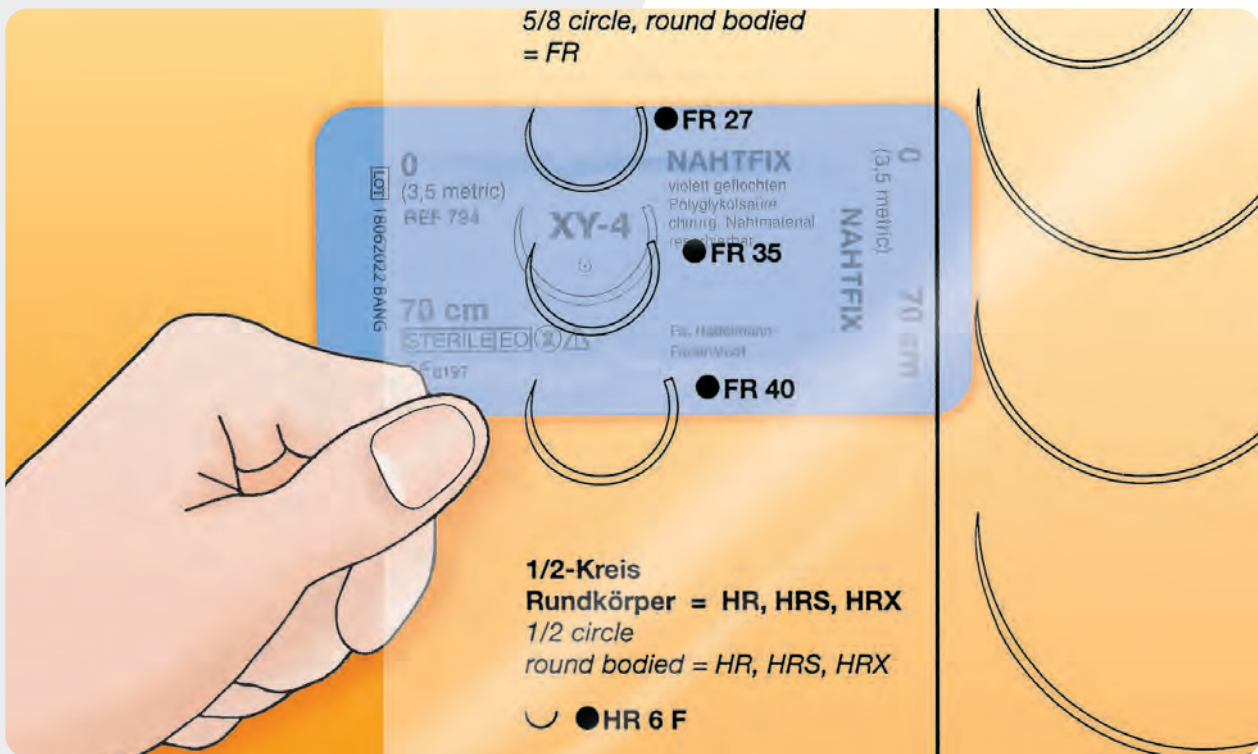
Round-bodied needle ● = R

5/8 circle, 1/2 circle, 3/8 circle,
compound circle, J-shaped or straight
= FR, HR, DR, TR, JR, GR

- ▶ For use in soft tissue (subcutaneous) such as muscle, fascia, mucosa
- ▶ In order to improve grip by the needle holder, the cross-section of the middle part of the needle is flattened
- ▶ Easy insertion

Nadelfolie Needle foil

Zur Identifizierung atraumatischer Nadeln Foil for identifying atraumatic needles

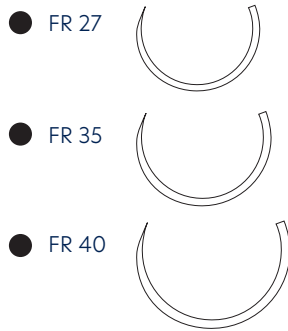


Die Nadelfolie erleichtert die Einordnung von chirurgischen Nadeln hinsichtlich Länge und Form. Legen Sie die Folie des Nadelprogramms über die zu bestimmende Nadelabbildung und lesen Sie die technischen Daten über den europäischen Nadelcode ab.

The foil enables the length and shape of any needle to be identified. Place the foil showing the range of needles over the needle you like to identify and read off the corresponding technical data and European code.

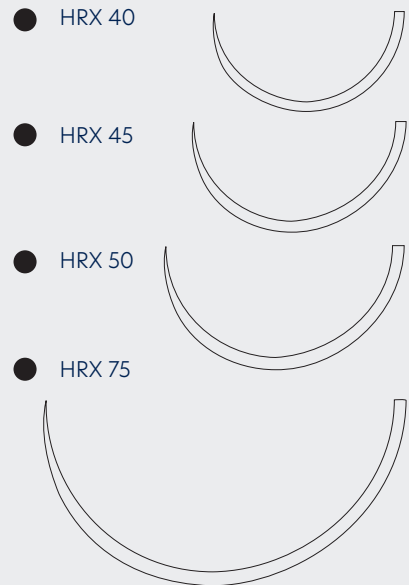
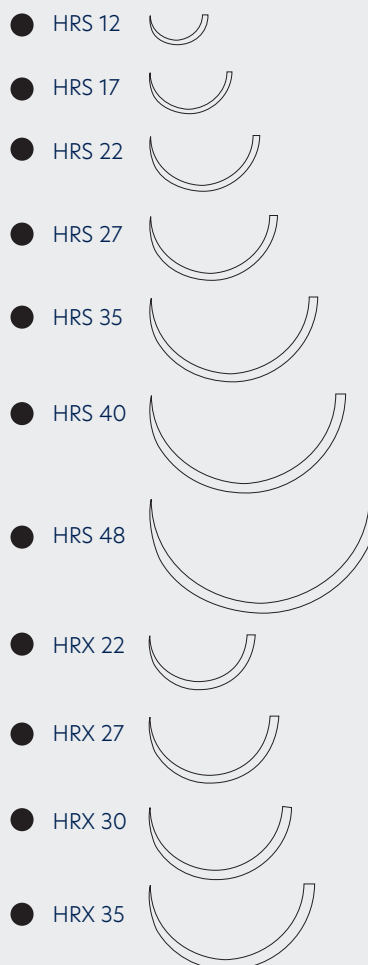
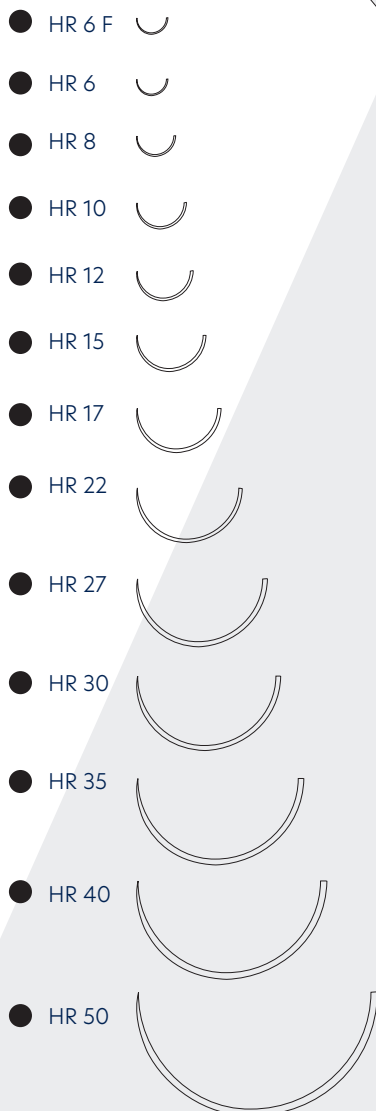
FR

5/8-Kreis Rundkörper
5/8 circle, taper point



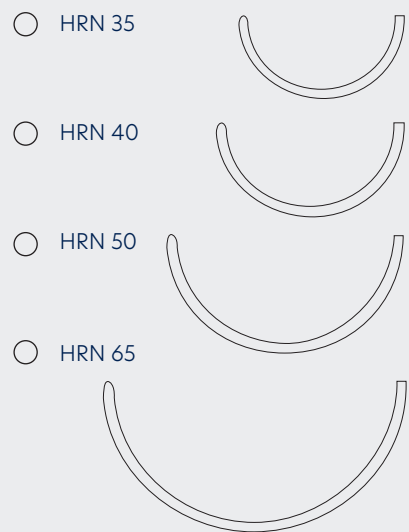
HR, HRS, HRX

1/2-Kreis Rundkörper
1/2 circle, taper point



HRN

1/2-Kreis Rundkörper stumpf
1/2 circle, blunt taper point



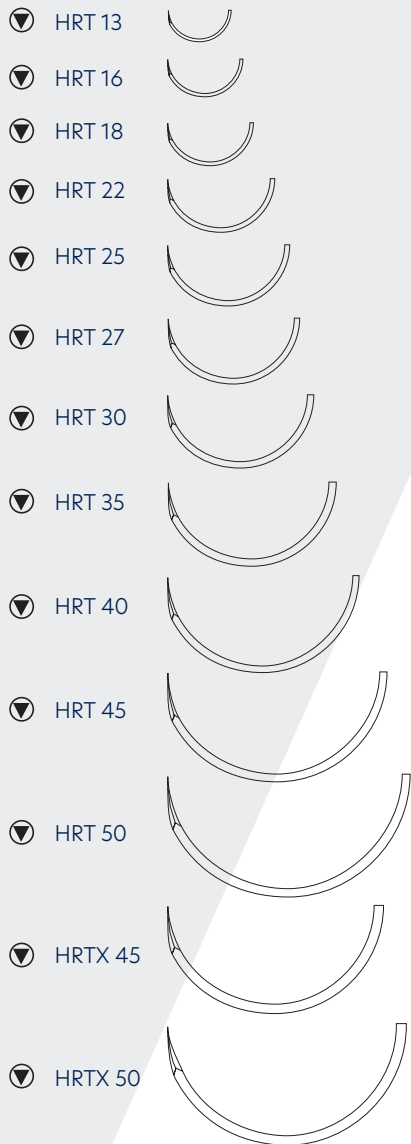
ART

**Asymptotische
schneidende Rundkörper**
asymptotic, taper cutting



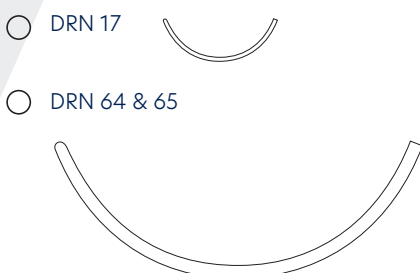
HRT, HRTX

1/2-Kreis schneidende
Rundkörper (Diamond-Spitze)
1/2 circle, taper cutting



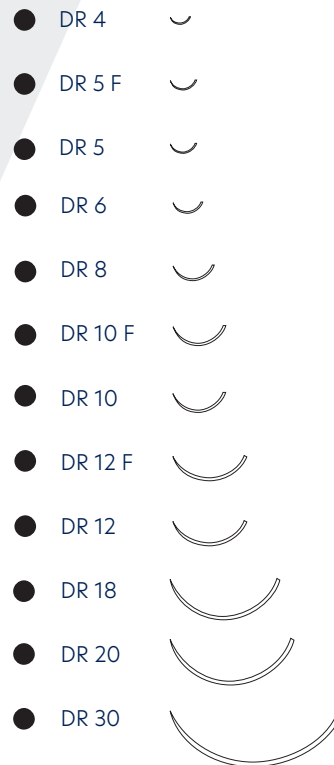
DRN

3/8-Kreis Rundkörper stumpf
3/8 circle, blunt taper point



DR

3/8-Kreis Rundkörper
3/8 circle, taper point



DRT

3/8-Kreis schneidende
Rundkörper (Diamond-Spitze)
3/8 circle, taper cutting

DRTM

mit PREMIUM-Schliff
with PREMIUM cut

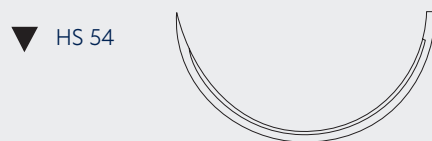
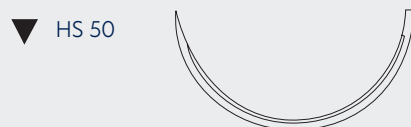
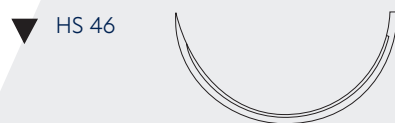
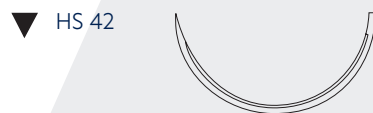
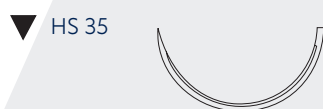
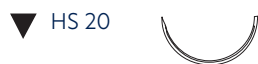


Nadelprogramm

Needle range

HS

1/2-Kreis außen schneidend
1/2 circle, reverse cutting



Nadelprogramm

Needle range

HSX

1/2-Kreis außen schneidend,
extra stark
1/2 circle, reverse cutting,
extra strong



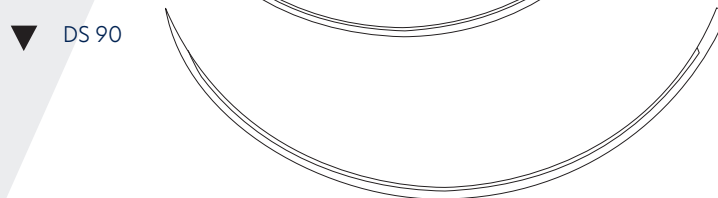
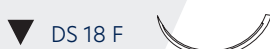
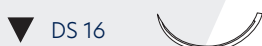
HSM

1/2-Kreis außen schneidend
mit PREMIUM-Schliff
1/2 circle, reverse cutting,
with PREMIUM cut



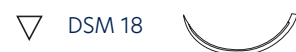
DS

3/8-Kreis außen schneidend
3/8 circle, reverse cutting



DSM

3/8-Kreis außen schneidend
mit PREMIUM-Schliff
3/8 circle, reverse cutting
with PREMIUM cut



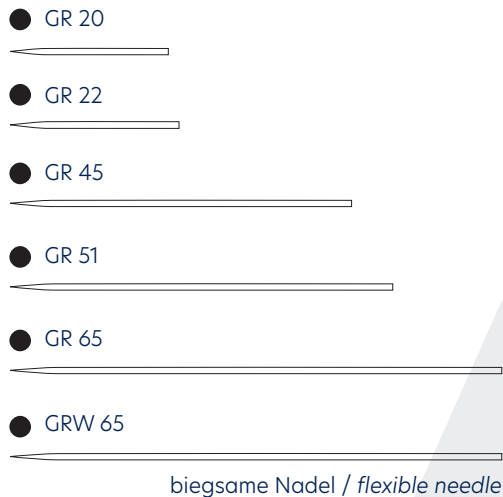
DSI

3/8-Kreis innen schneidend
3/8 circle, conventional cutting



GR

Gerade Rundkörper
straight, taper point



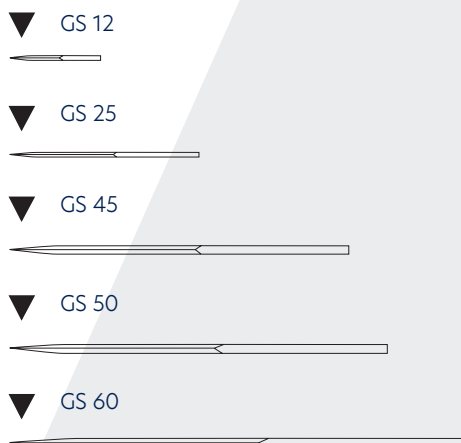
GRT

Gerade schneidende Rundkörper
(Diamond-Spitze)
straight, taper cutting



GS

Gerade schneidend
straight, cutting



GSPM

Gerade SPATULA (PREMIUM-Schliff)
straight, spatulated (PREMIUM cut)



HSPM

1/2-Kreis SPATULA (PREMIUM-Schliff) (progressive Kurve)
1/2 circle, spatulated (PREMIUM cut) (progressive curve)



DSPM

3/8-Kreis SPATULA (PREMIUM-Schliff)
3/8 circle, spatulated (PREMIUM cut)



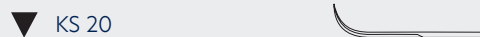
VSPM

1/4-Kreis SPATULA (PREMIUM-Schliff)
1/4 circle, spatulated (PREMIUM cut)



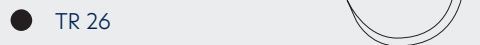
KS

1/2-gebogene außen schneidend
1/2 curved, reverse cutting



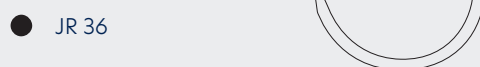
TR

Zusammengesetzter Kreis
compound circle, taper point



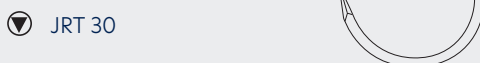
JR

J-förmige Rundkörper
J-shape, taper point



JRT

J-förmig schneidende Rundkörper
J-shape, taper cutting





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