



Needle Holders | Ligature Needles

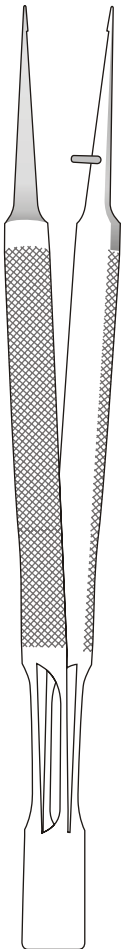
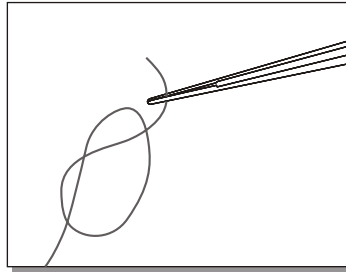
Nadelhalter | Unterbindungsnadeln

Porte-aiguilles | Aiguilles à ligatures

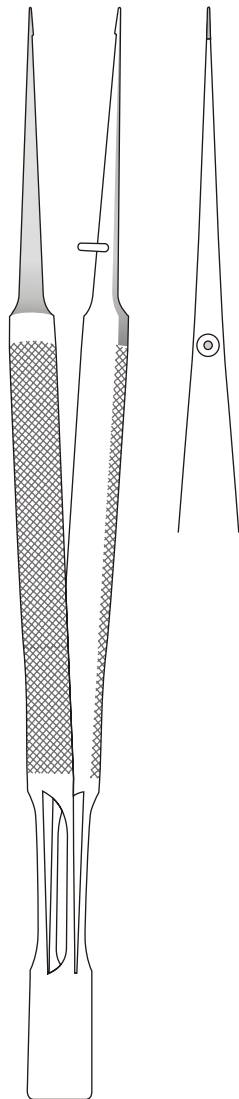
Porta-agujas | Agujas para ligaduras

Port'aghi | Aghi per legature

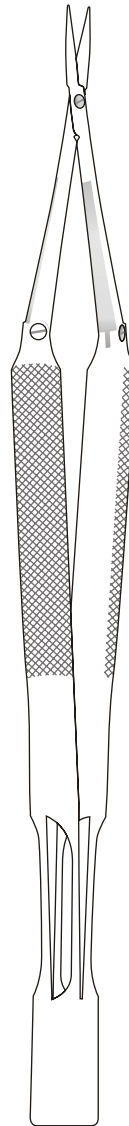




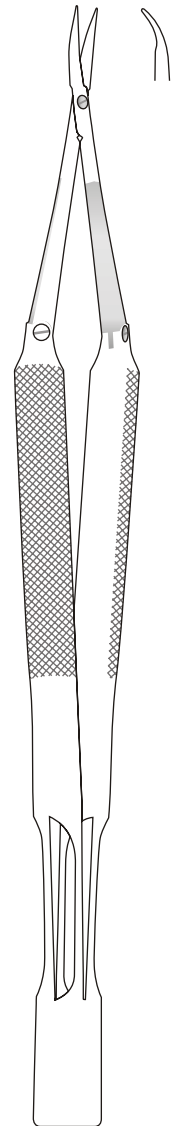
BROCK
UW 913
130 mm



BROCK
UW 914
150 mm



BROCK
UW 901
150 mm



BROCK
UW 903
150 mm



Micro Needle Holders

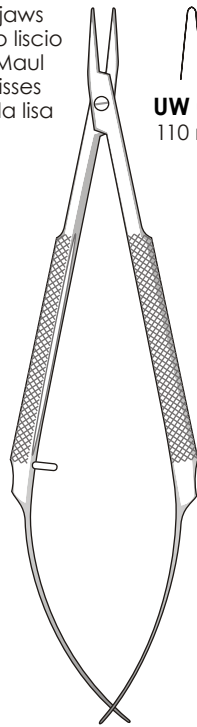
Micro port'aghi

Micro Nadelhalter

Micro porte aiguilles

Micro portaagujas

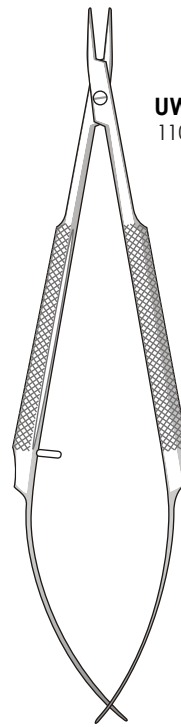
Smooth jaws
Con morso liscio
Glattes Maul
A' mors lisses
Mandibula lisa



UW 015
110 mm



UW 016
110 mm



UW 017
110 mm

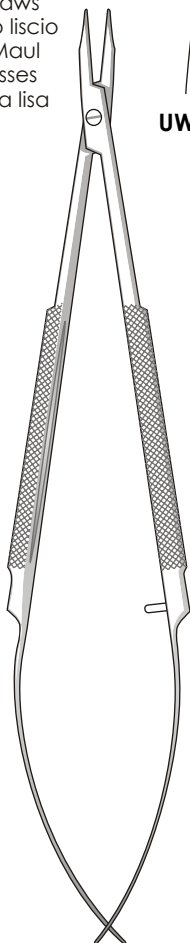


UW 018
110 mm

110 mm

110 mm

Smooth jaws
Con morso liscio
Glattes Maul
A' mors lisses
Mandibula lisa

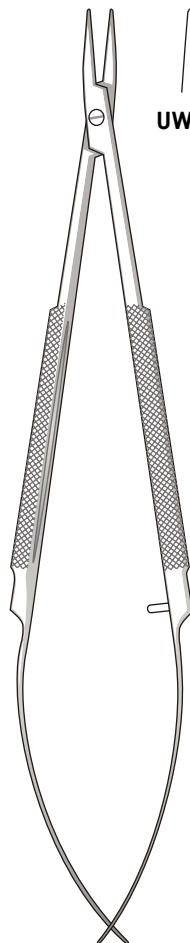


UW 003



UW 004

150 mm



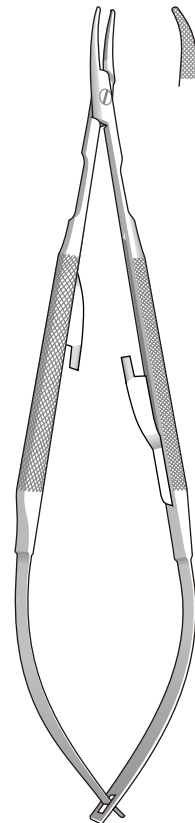
UW 005



UW 006

150 mm

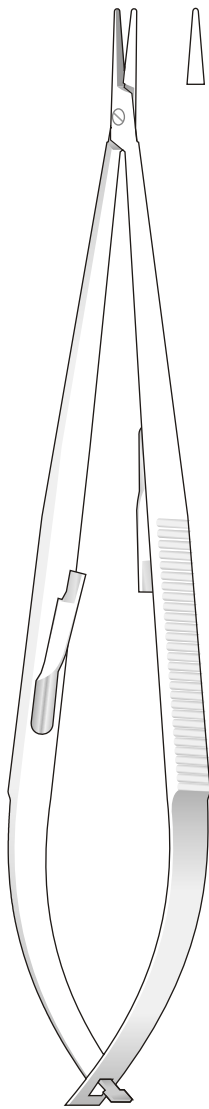
Fine serrated jaws
Con morso zigrinato fine
Feingerieftes Maul
Mors stries fins
Bocas estriadas finas



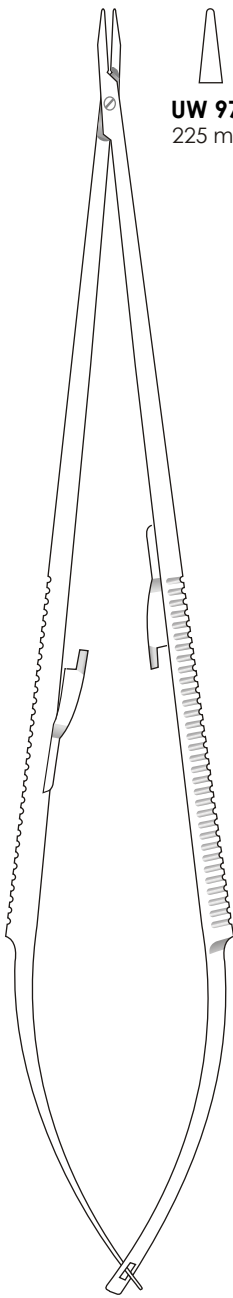
BARRAQUER
UW 94
135 mm



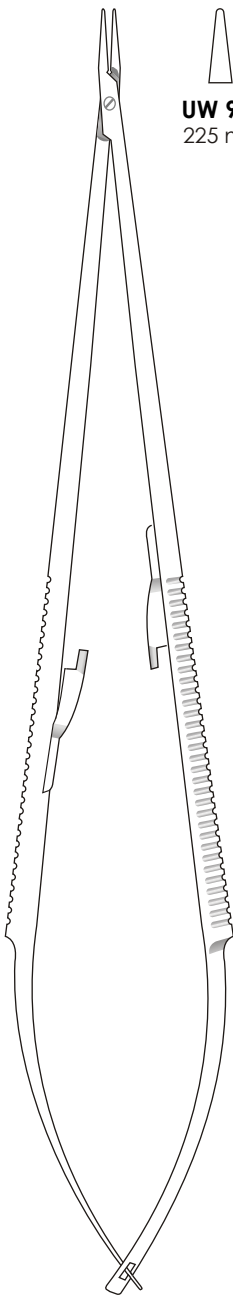
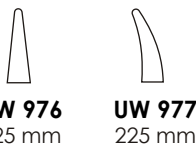
Smooth jaws - Con morso liscio
Glattes Maul - A' mors lisses - Mandibula lisa



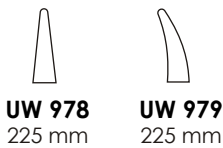
JACOBSON
UW 53
180 mm

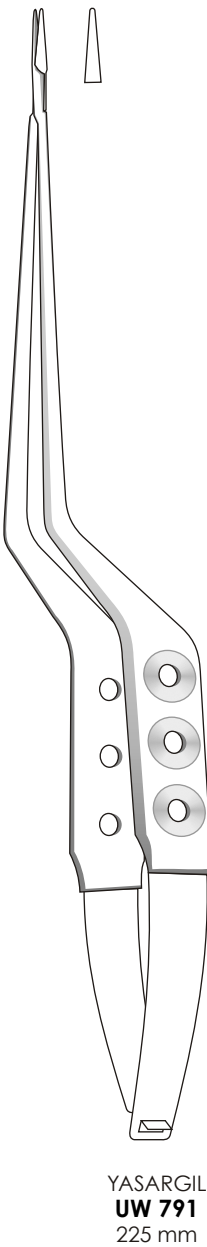
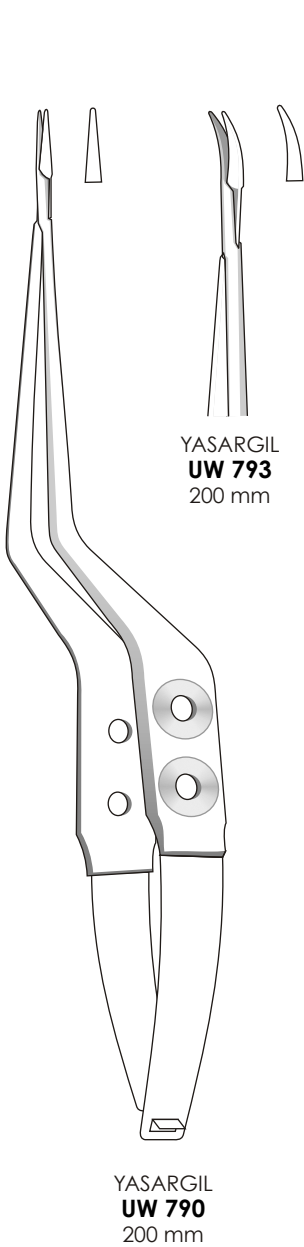


225 mm



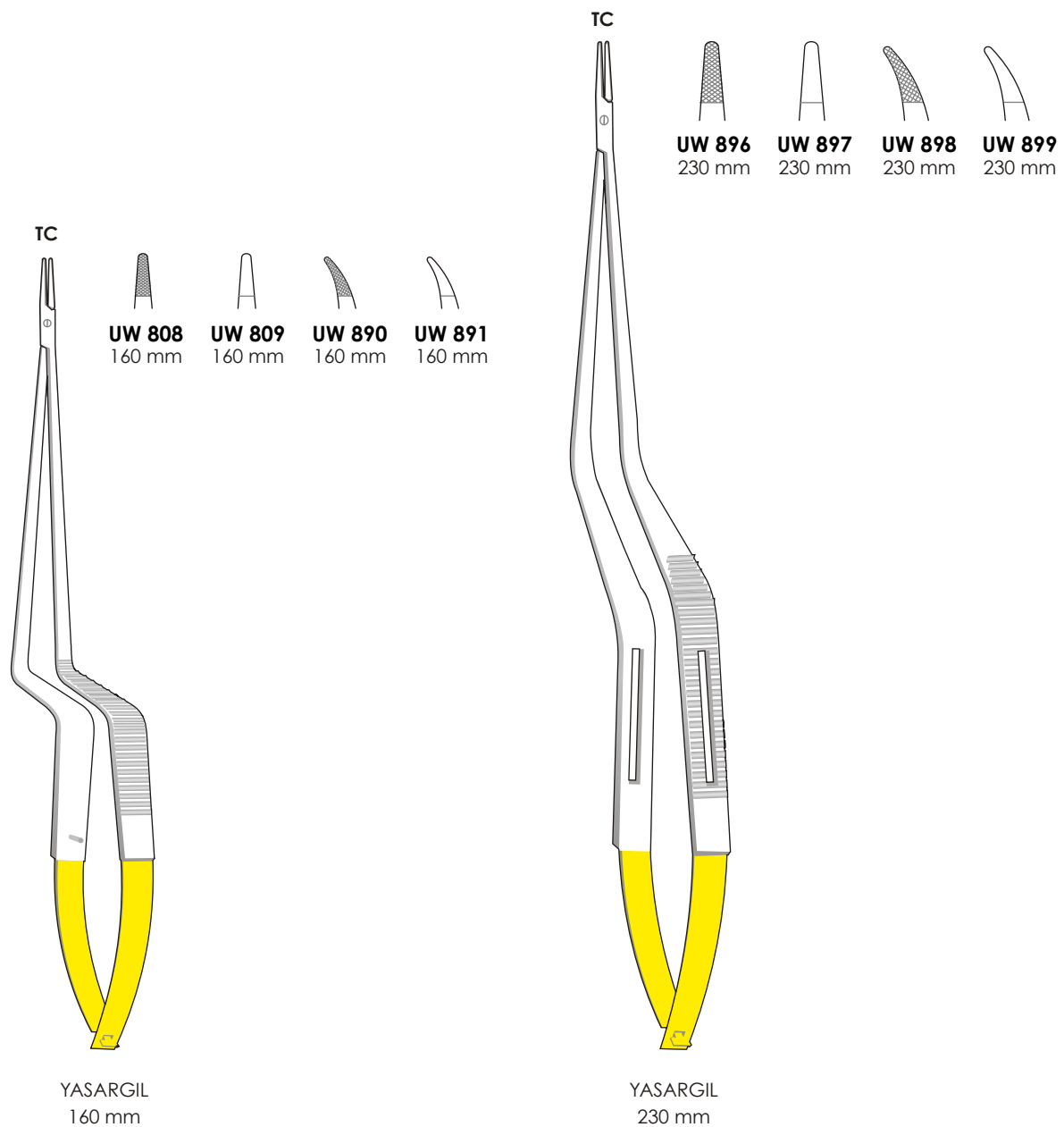
225 mm

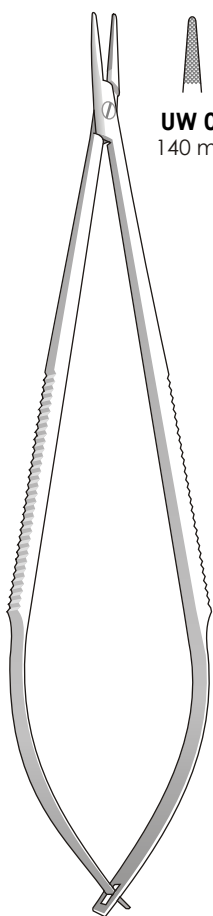




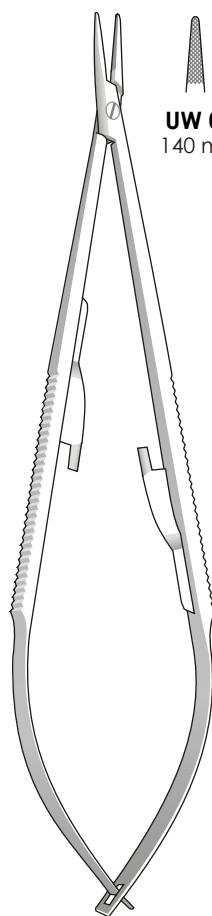
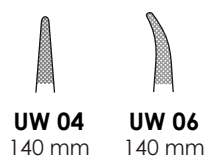


Needle Holders with tungsten-carbide inserts
Portaghi con inserti al tungsteno
Nadelhalter mit Hartmetalleinlagen
Porte aiguilles avec plaquettes en carbure de tungstène
Portaagujas con plaquitas de carburo de tungsteno

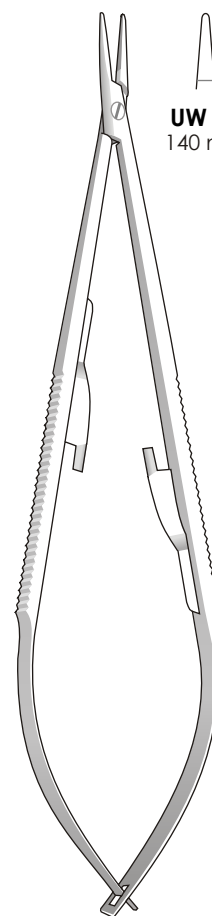
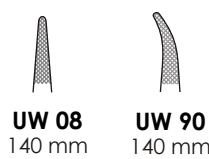




140 mm

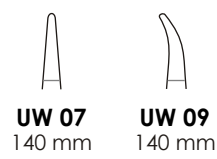


CASTROVIEJO
140 mm



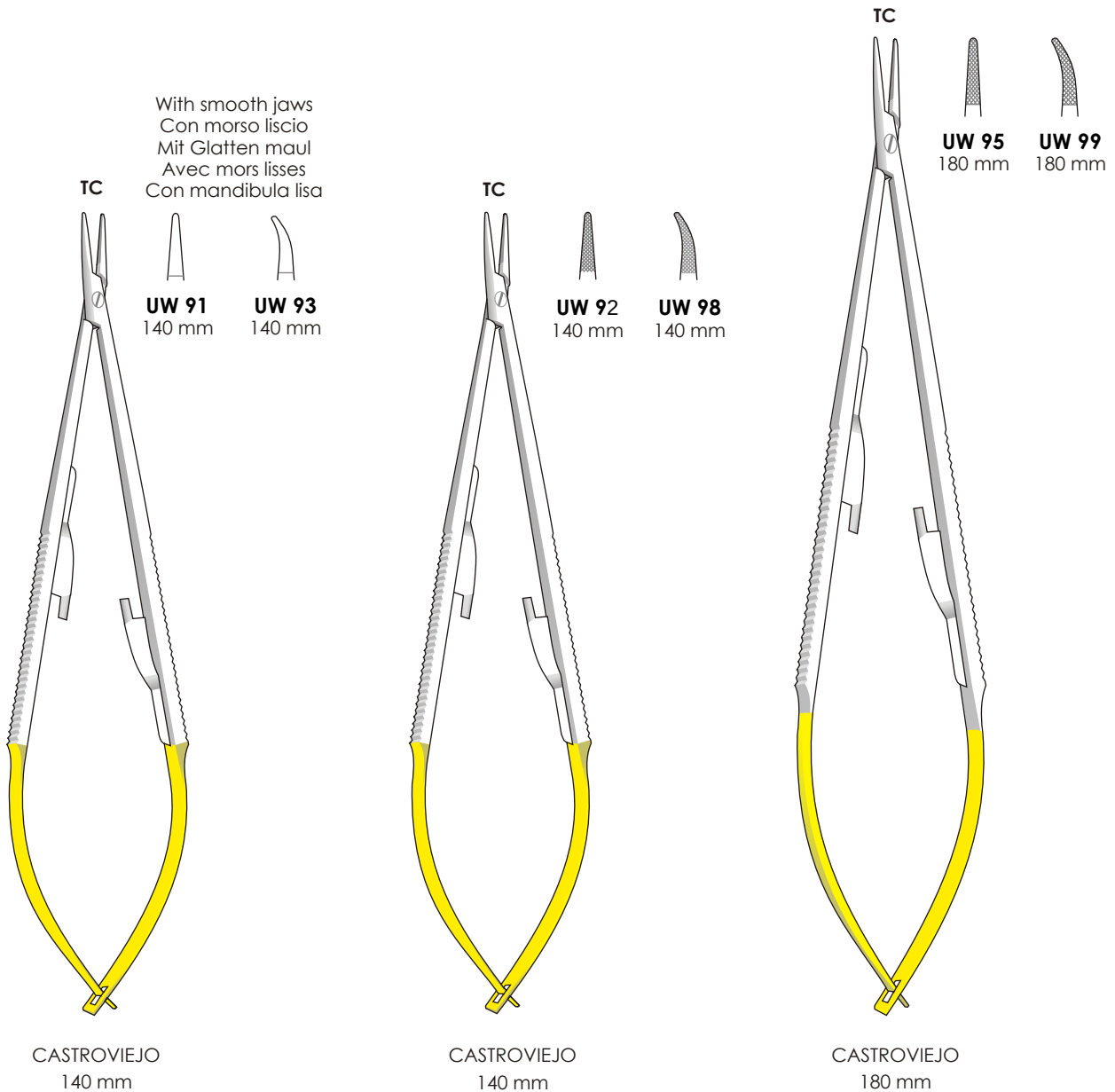
CASTROVIEJO
140 mm

With smooth jaws
Con morso liscio
Mit Glatten maul
Avec mors lisses
Con mandibula lisa



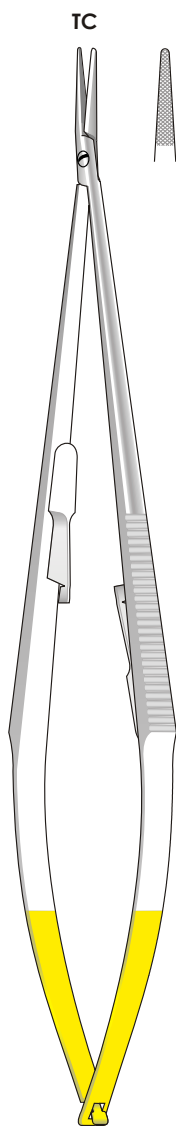


Needle Holders with tungsten-carbide inserts
Portaghi con inserti al tungsteno
Nadelhalter mit Hartmetalleinlagen
Porte aiguilles avec plaquettes en carbure de tungstène
Portaagujas con plaquitas de carburo de tungsteno

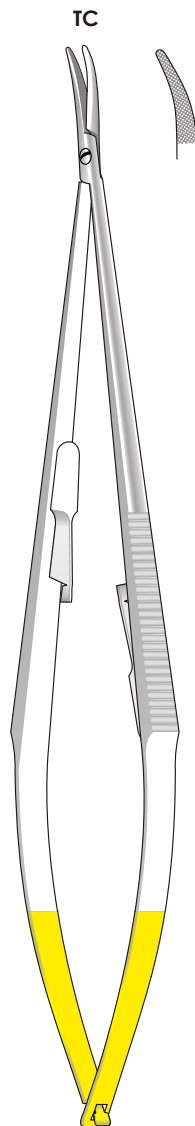




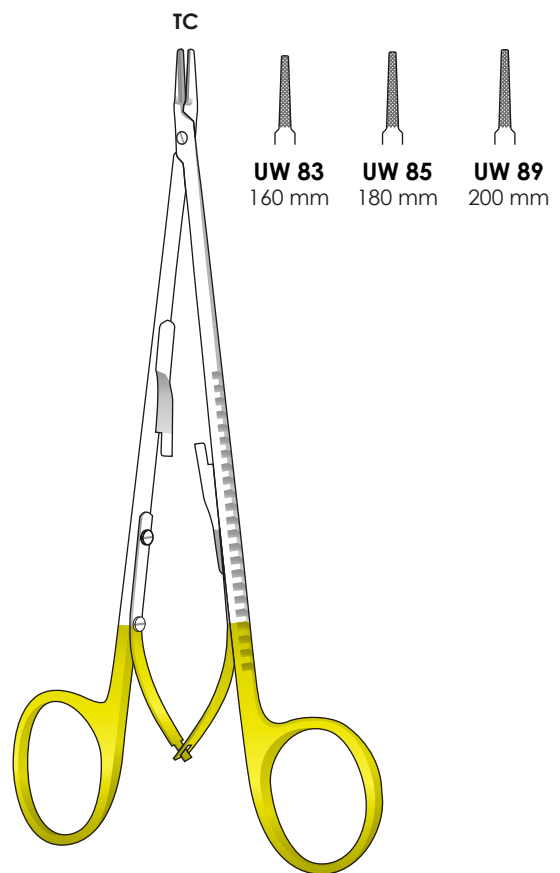
Needle Holders with tungsten-carbide inserts
Portaghi con inserti al tungsteno
Nadelhalter mit Hartmetalleinlagen
Porte aiguilles avec plaquettes en carbure de tungstène
Portaagujas con plaquitas de carburo de tungsteno



CASTROVIEJO
UW 97
215 mm



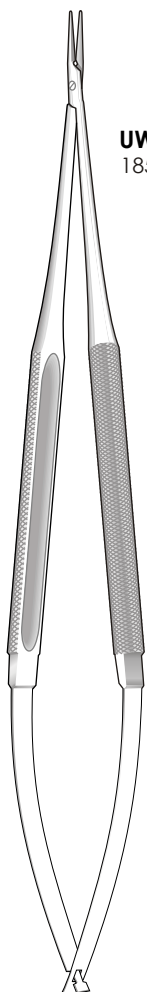
CASTROVIEJO
UW 098
215 mm



DIETRICH



With smooth jaws
Con morso liscio
Mit Glatten maul
Avec mors lisses
Con mandibula lisa



185 mm

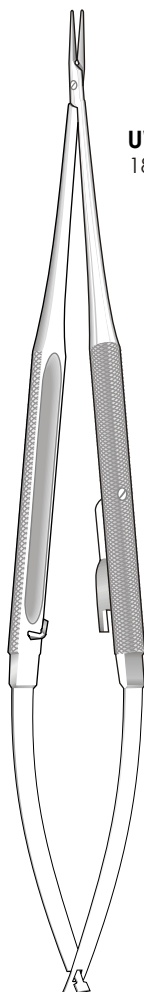
UW 078
185 mm



UW 079
185 mm



With smooth jaws
Con morso liscio
Mit Glatten maul
Avec mors lisses
Con mandibula lisa



185 mm

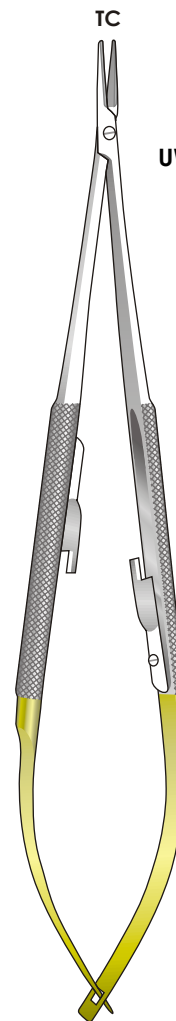
UW 908
185 mm



UW 909
185 mm



Needle Holders with tungsten-carbide inserts
Portaghi con inserti al tungsteno
Nadelhalter mit Hartmetalleinlagen
Porte aiguilles avec plaquettes en carbure de tungstène
Portaagujas con plaquitas de carburo de tungsteno



JACOBSON
180 mm

TC

UW 80



UW 82





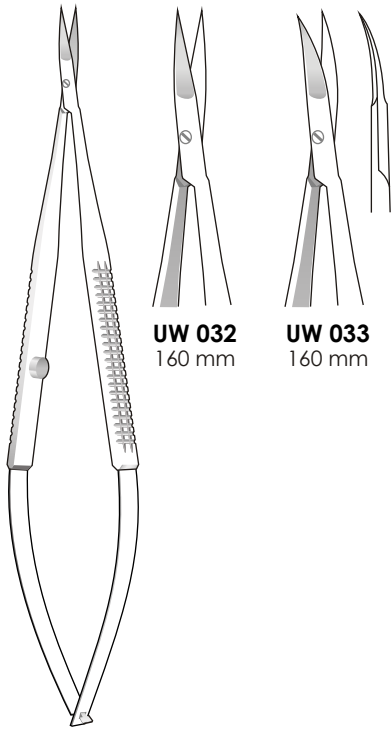
Needle Holders

Nadelhalter

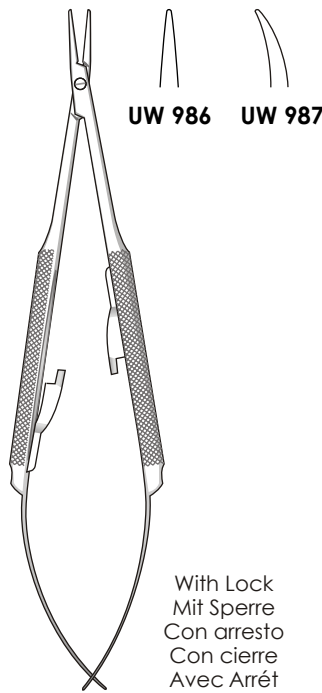
Port'aghi

Portaagujas

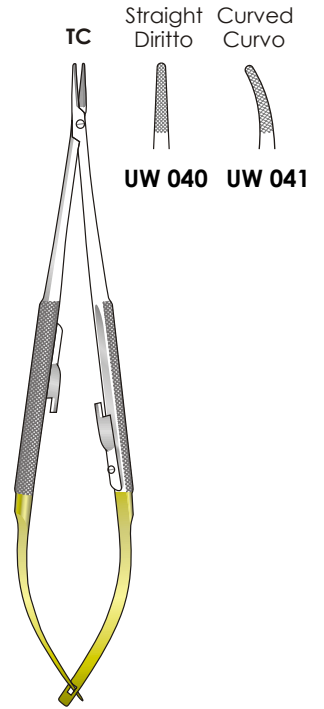
Porte Aiguilles



160 mm

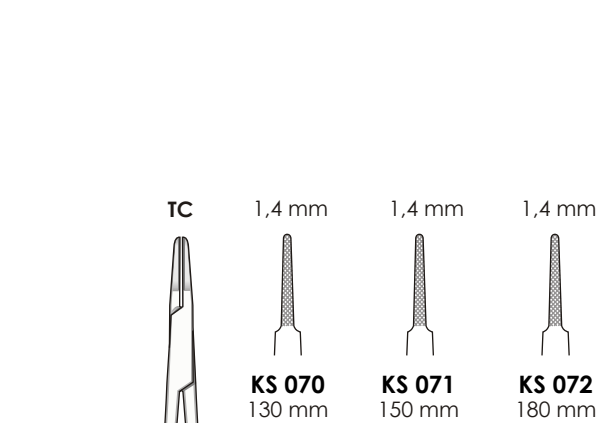


BARRAQUER
150 mm

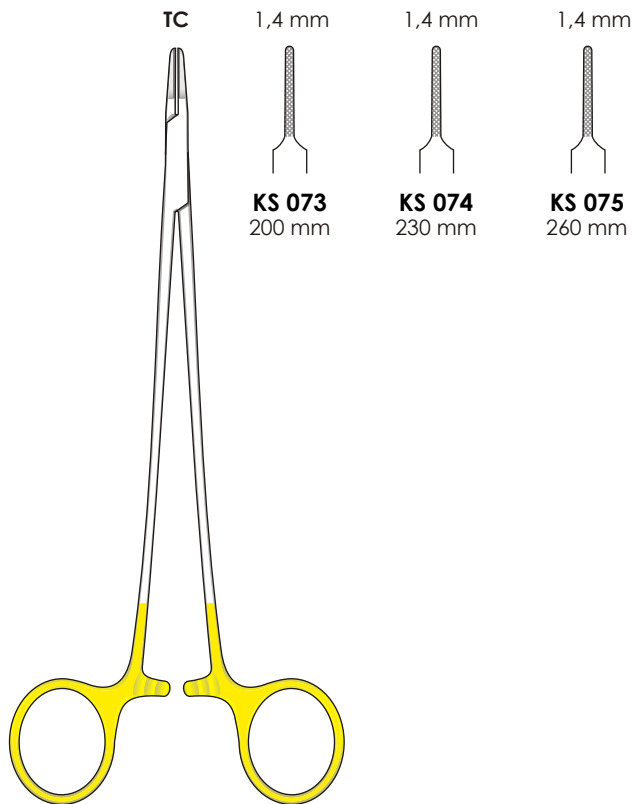


CASTROVIEJO
140 mm

Needle Holders with tungsten-carbide inserts - Nadelhalter mit Hartmetalleinlagen
Portaghi con inserti al tungsteno - Portaagujas con plaquitas de carburo de tungsteno
Porte aiguilles avec plaquettes en carbure de tungstène



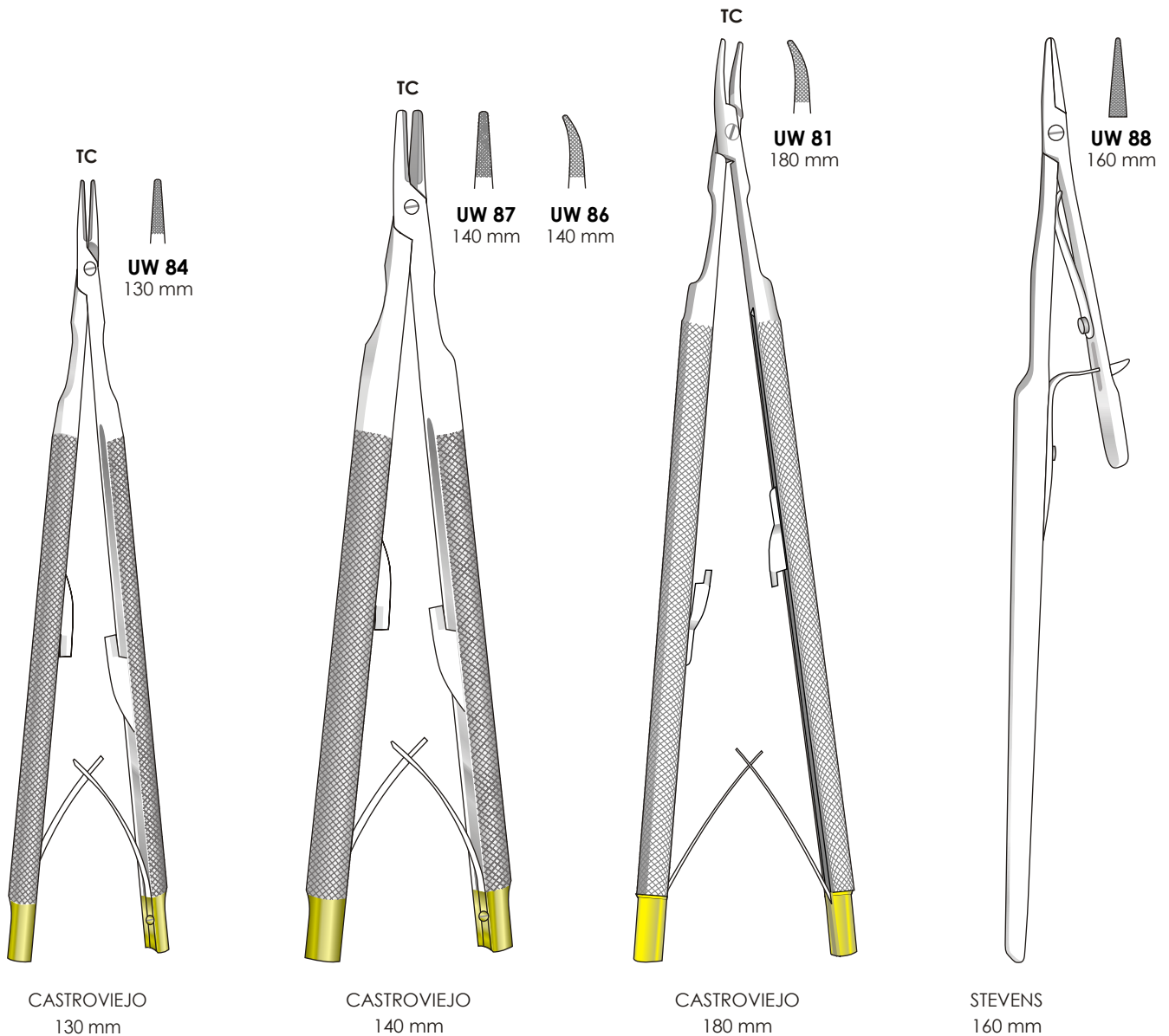
MICRO-RYDER



MICRO-RYDER

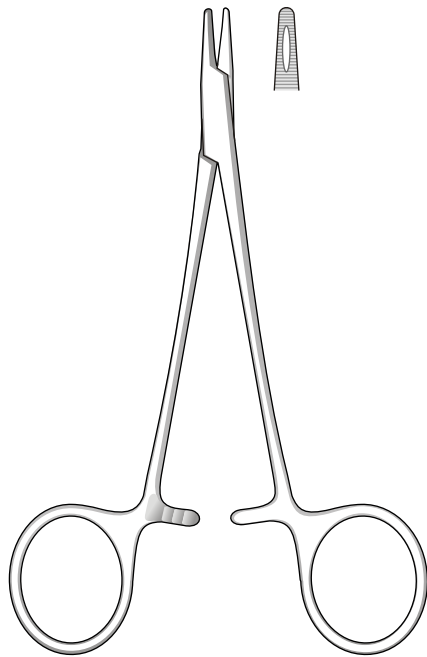


Needle Holders with tungsten-carbide inserts
Portaghi con inserti al tungsteno
Nadelhalter mit Hartmetalleinlagen
Porte aiguilles avec plaquettes en carbure de tungstène
Portaagujas con plaquitas de carburo de tungsteno

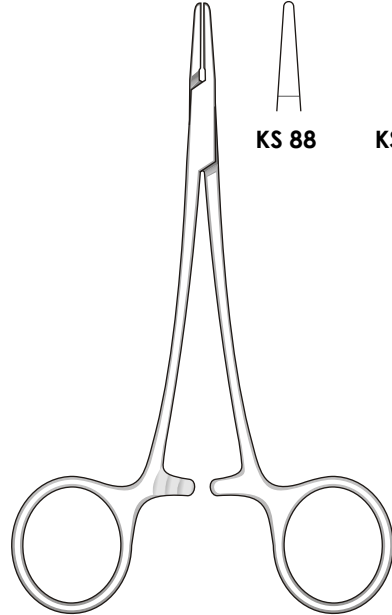




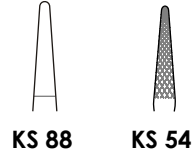
With smooth jaws
Con morso liscio
Mit Glatten maul
Avec mors lisses
Con mandibula lisa



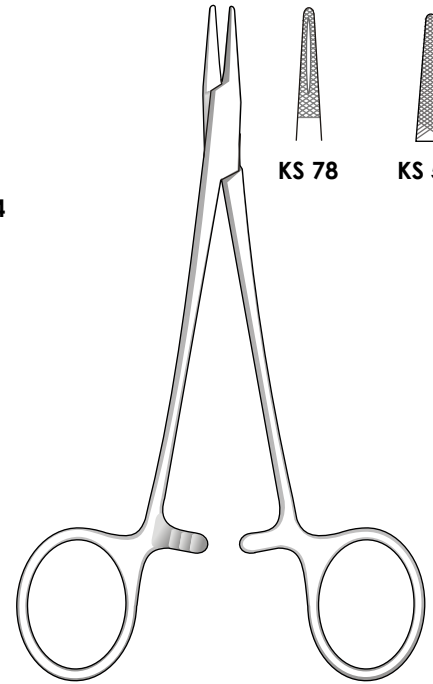
DERF
KS 89
125 mm



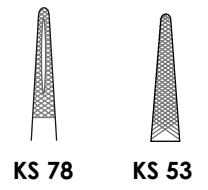
120 mm



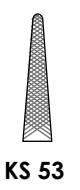
KS 54



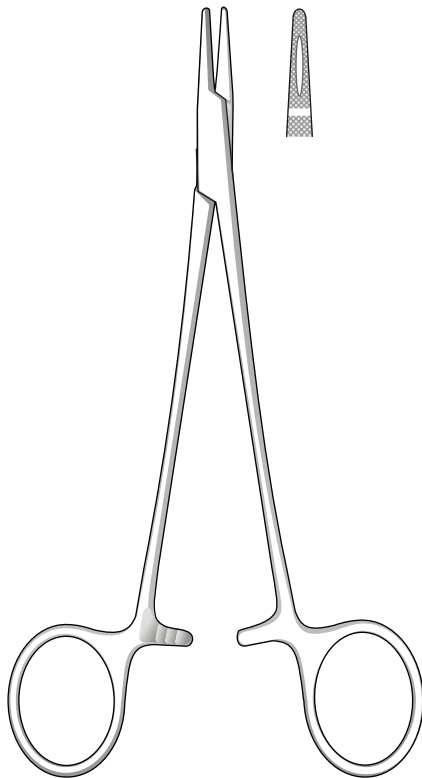
HALSEY
130 mm



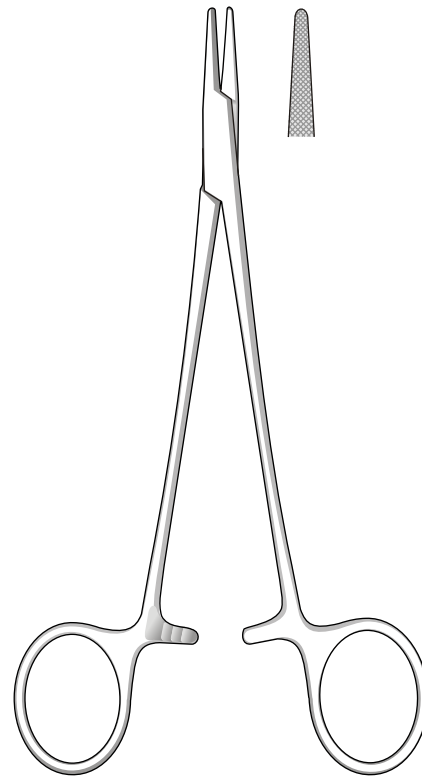
KS 78



KS 53



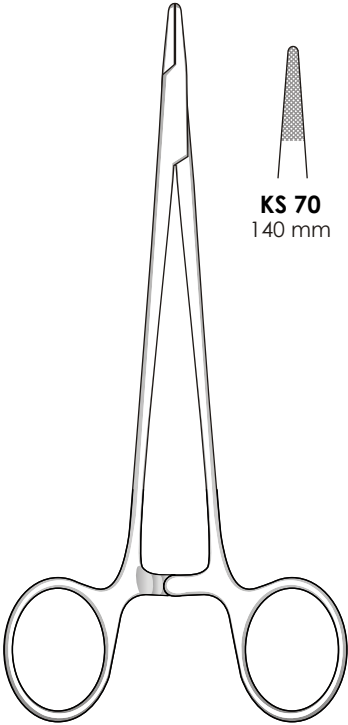
CRILE-WOOD
KS 51
150 mm



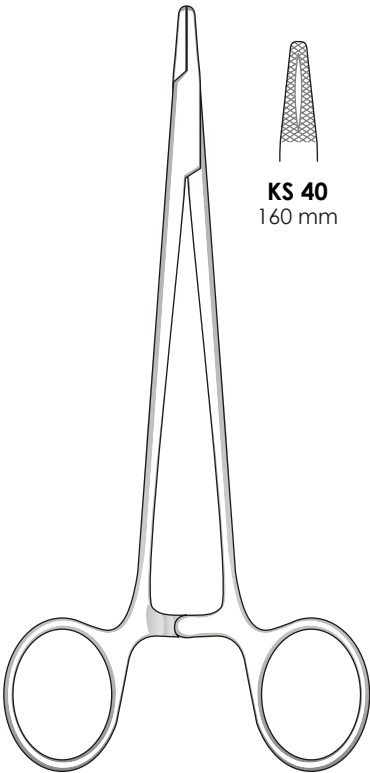
CRILE-MURRAY
KS 52
150 mm



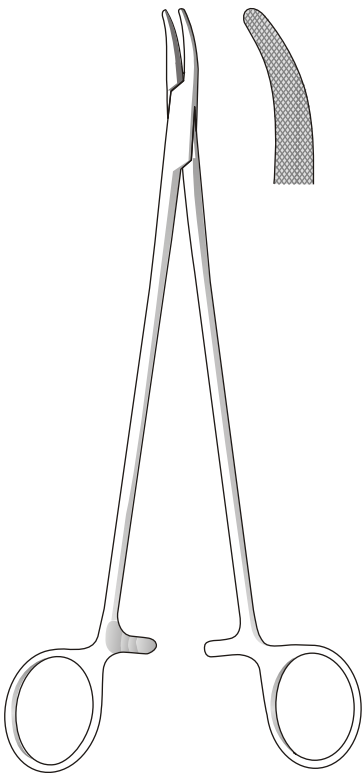
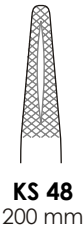
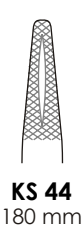
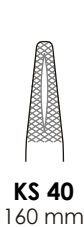
Delicate pattern - Modello fine - Schlankesmodell
Modèle fin - Modelo delegado



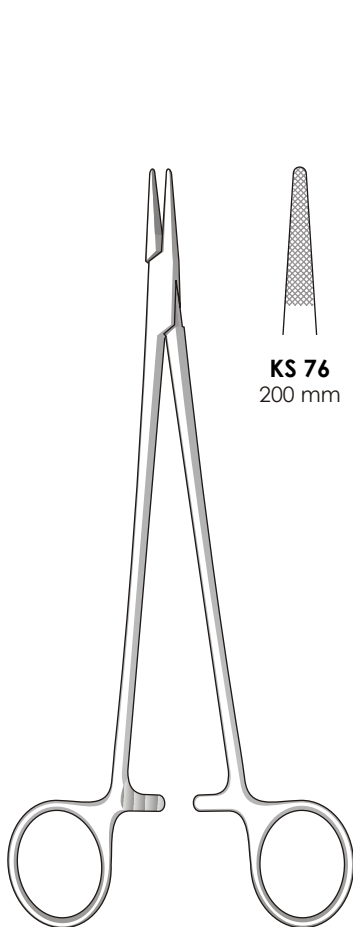
MAYO-HEGAR



HEGAR

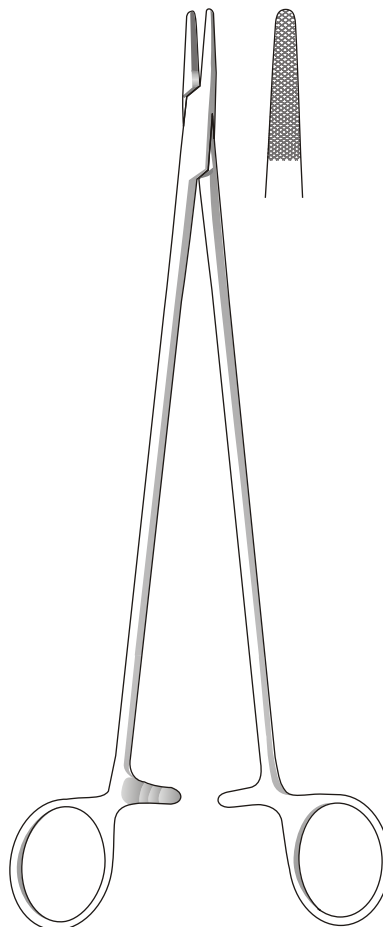


HEANEY (HEGAR)
KS 62
200 mm

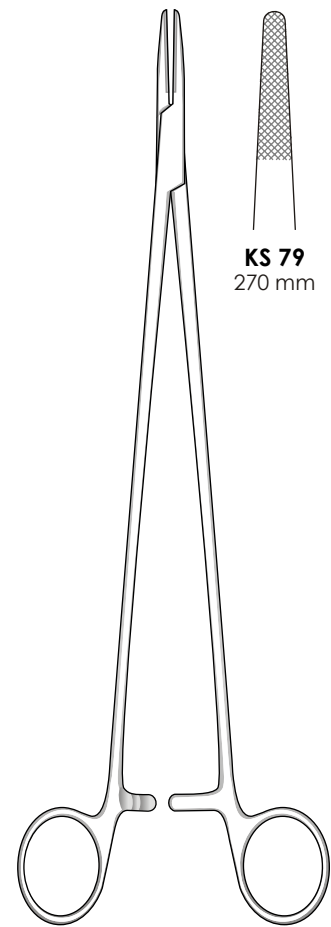


KS 76
200 mm

HEGAR-MAYO-SEELEY
200 mm



MASSON
KS 77
270 mm

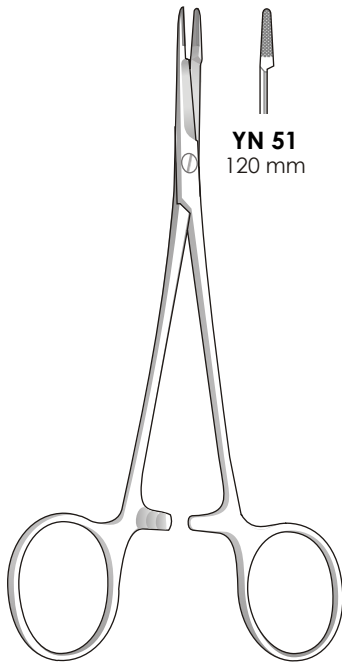


KS 79
270 mm

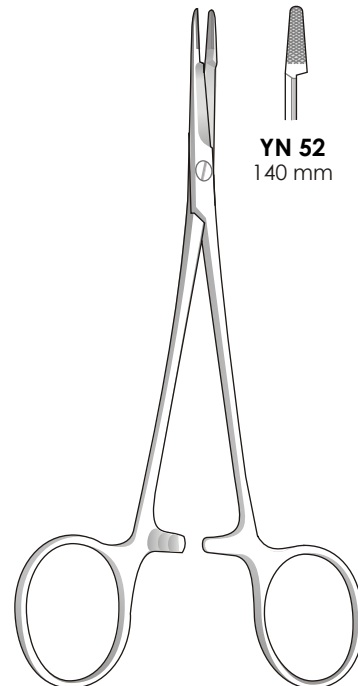
WANGENSTEEN
270 mm



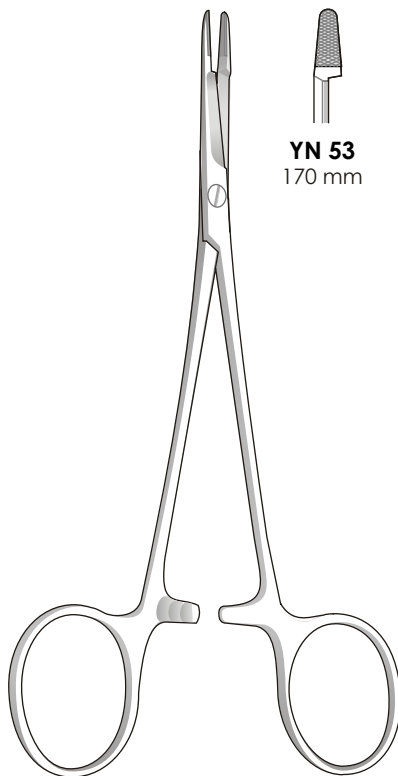
Needle holders with scissors - Port'aghi con forbici - Nadelhalter mit Schere - Porte aiguilles avec ciseaux - Portaagujas con tijeras



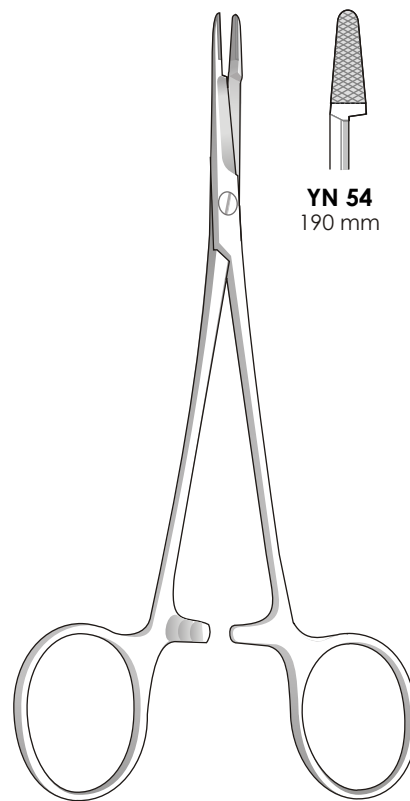
MINI-OLSEN-HEGAR
120 mm



OLSEN-HEGAR
140 mm



OLSEN-HEGAR
170 mm



OLSEN-HEGAR
190 mm



Needle Holders

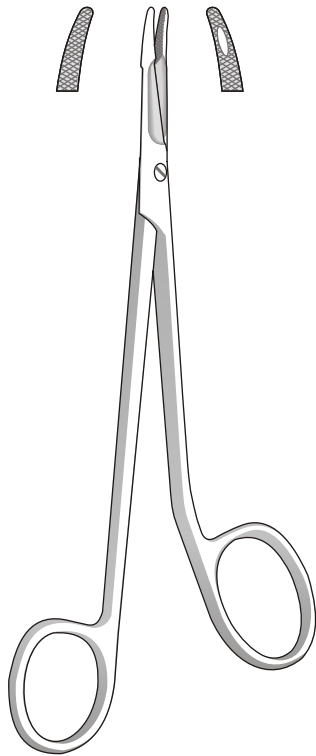
Port'aghi

Nadelhalter

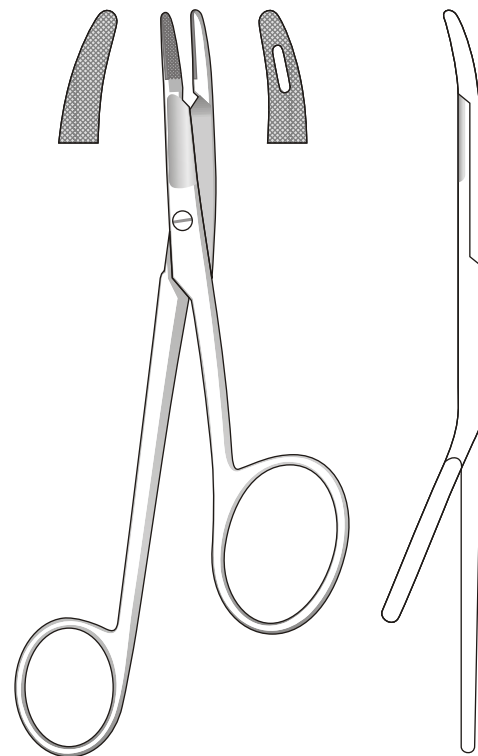
Porte aiguilles

Portaagujas

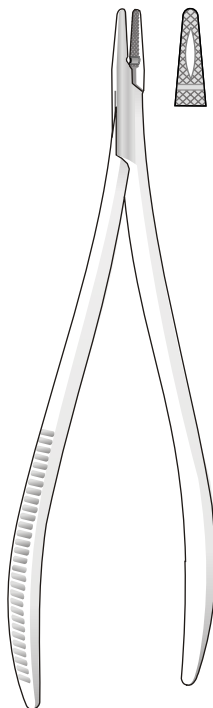
Needle holders with scissors - Port'aghi con forbici - Nadelhalter mit Schere - Porte aiguilles avec ciseaux - Portaagujas con tijeras



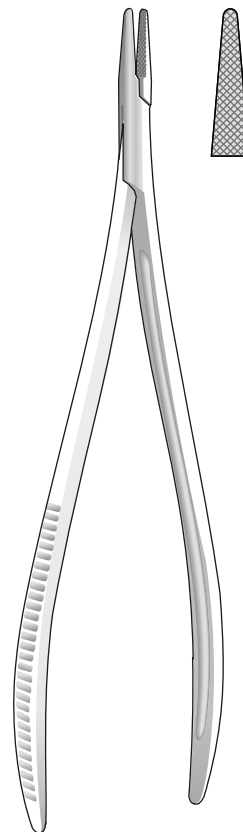
MINI-GILLIES
KL 69
145 mm



GILLIES
KL 39
160 mm



CRILE
KL 87
150 mm



TÖNNIS
KL 88
190 mm



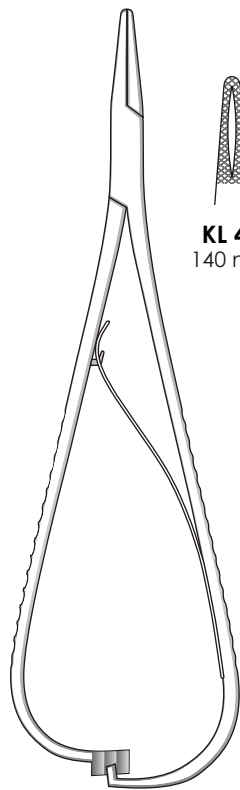
Needle Holders

Port'aghi

Nadelhalter

Porte aiguilles

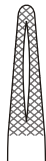
Portaagujas



MATHIEU



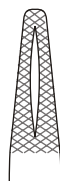
KL 48
140 mm



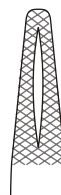
KL 31
170 mm



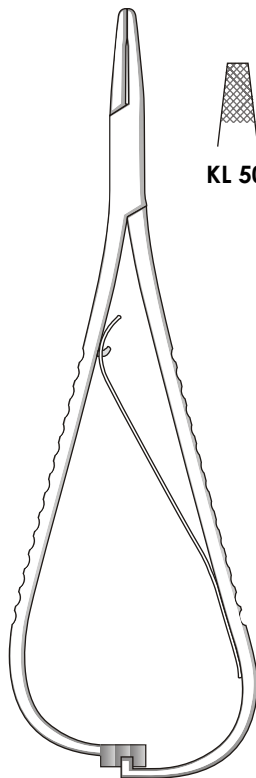
KL 55
170 mm



KL 20
200 mm



KL 21
240 mm



MATHIEU
140 mm



KL 50



KL 41



KL 49



KL 30



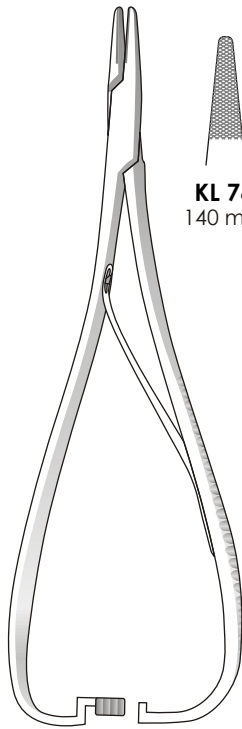
Needle Holders

Port'aghi

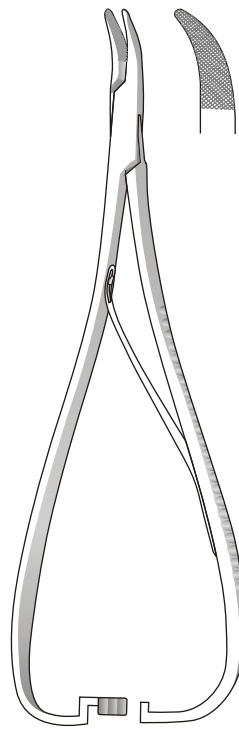
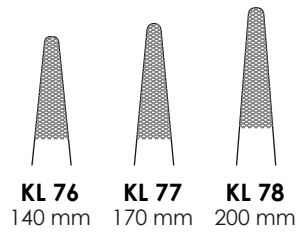
Nadelhalter

Porte aiguilles

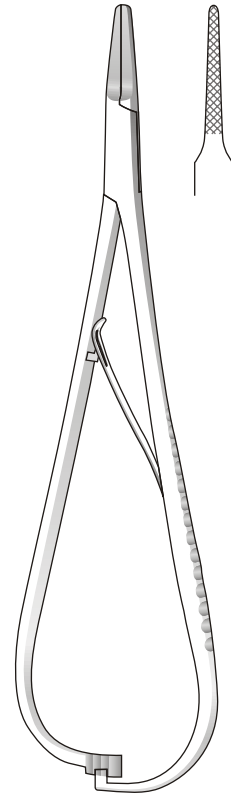
Portaagujas



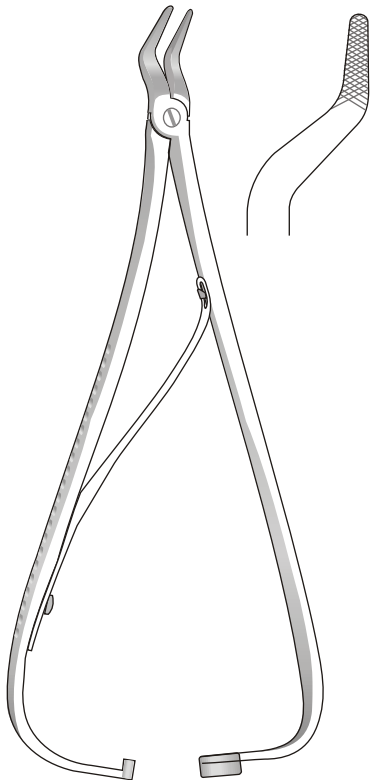
MATHIEU



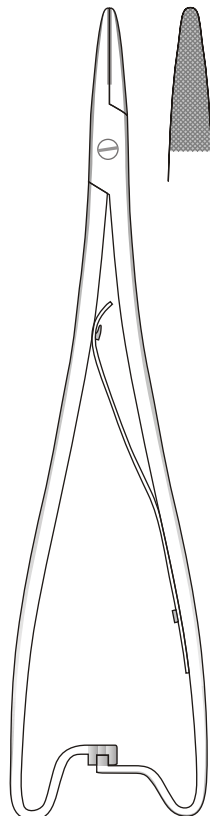
KL 70
140 mm



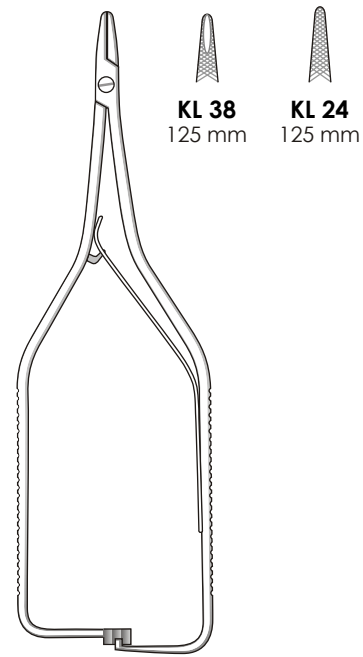
STILLE
KL 44
170 mm



EISELBERG-MATHIEU
KL 45
180 mm



MATHIEU
KL 57
200 mm



BOYNTON
125 mm



Needle holders

Nadelhalter

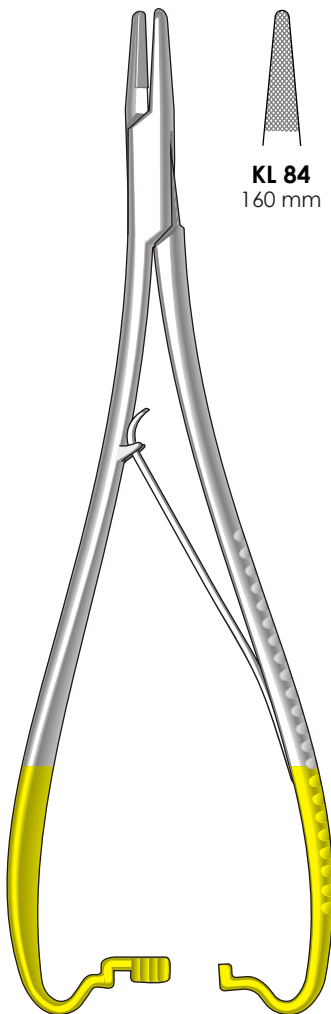
Port'aghi

Porte aiguilles

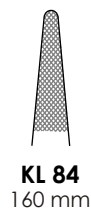
Portaagujas

Heavy pattern
Kräftiges Modell
Modello robusto
Modèle robuste

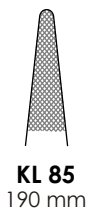
TC



MATHIEU



KL 84
160 mm

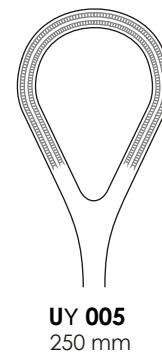
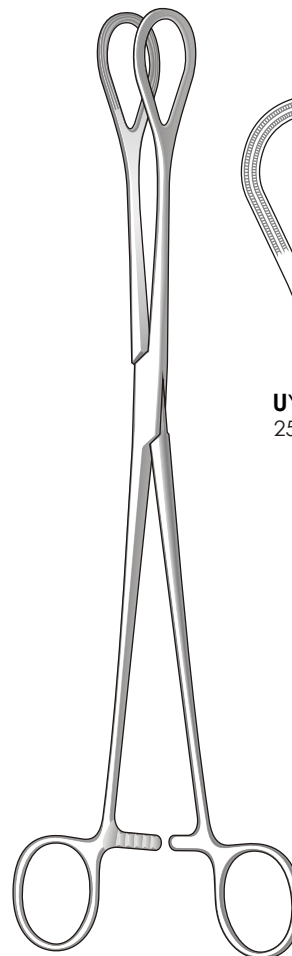


KL 85
190 mm

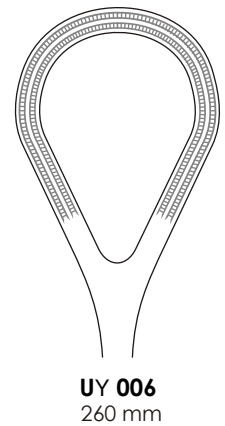


KL 86
210 mm

Atraumatic - Atraumatische
Atraumatiche - Atraumáticas
Atraumatique



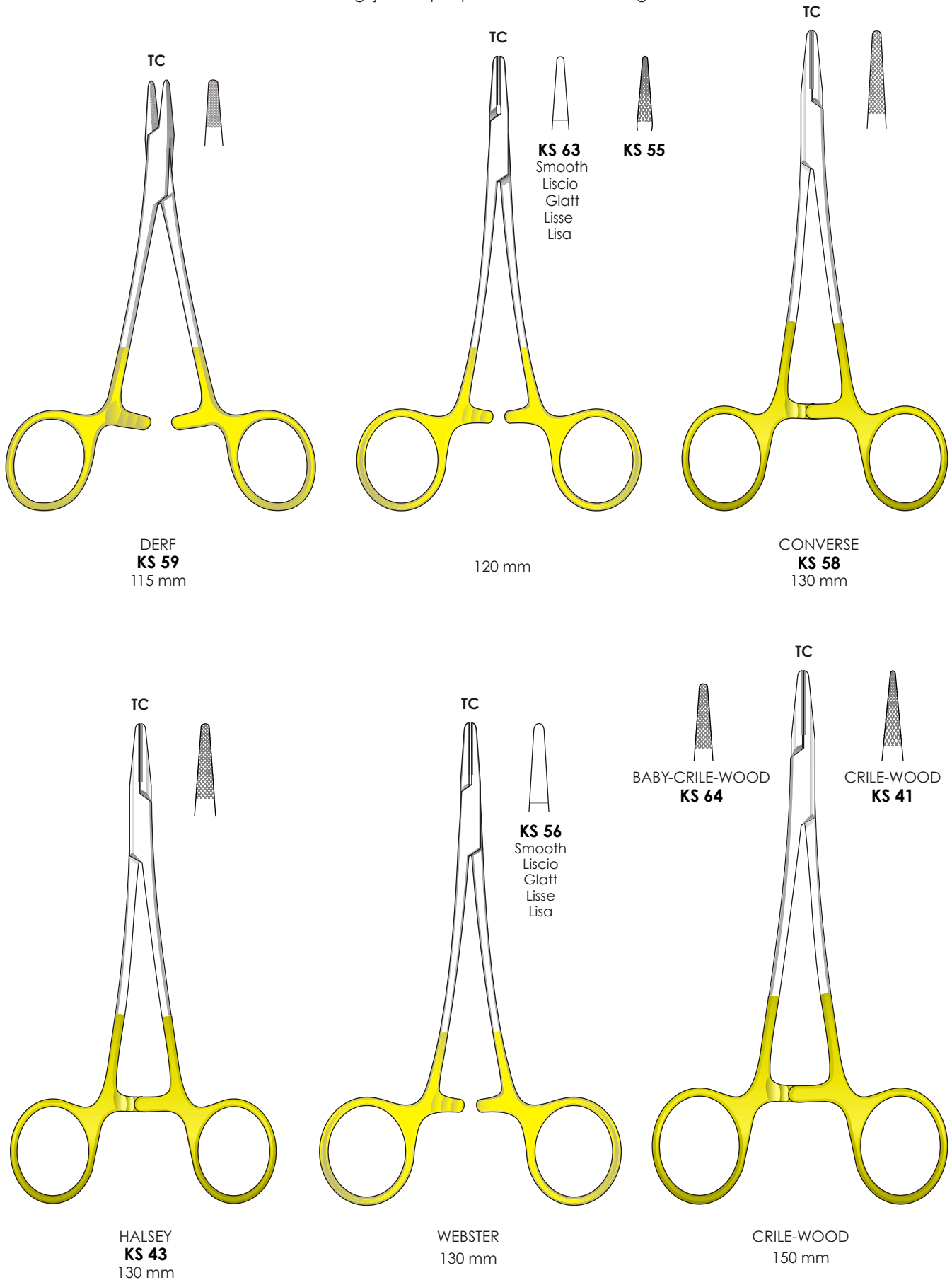
UY 005
250 mm



UY 006
260 mm



Needle Holders with tungsten-carbide inserts - Portaghi con inserti al tungsteno
Nadelhalter mit Hartmetalleinlagen - Porte aiguilles avec plaquettes en carbure de tungstène
Portaagujas con plaquetas de carburo de tungsteno





Needle Holders

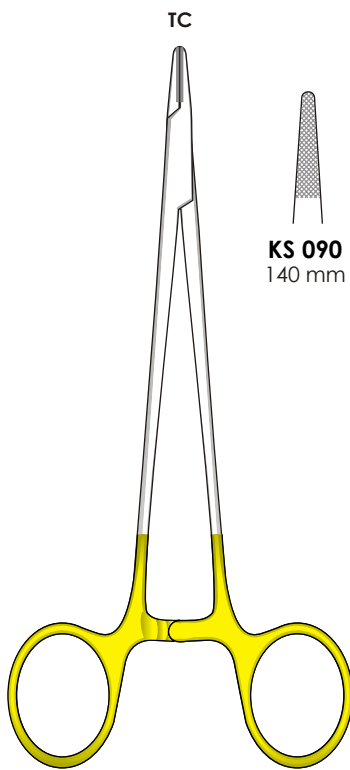
Port'aghi

Nadelhalter

Porte aiguilles

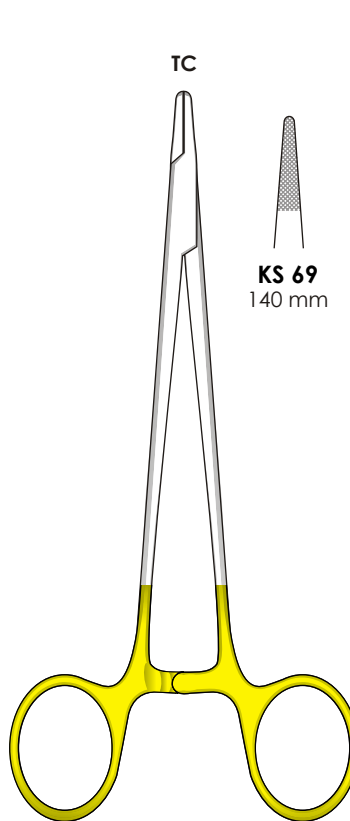
Portaagujas

Needle Holders with tungsten-carbide inserts - Portaghi con inserti al tungsteno
Nadelhalter mit Hartmetalleinlagen - Porte aiguilles avec plaquettes en carbure de tungstène
Portaagujas con plaquitas de carburo de tungsteno



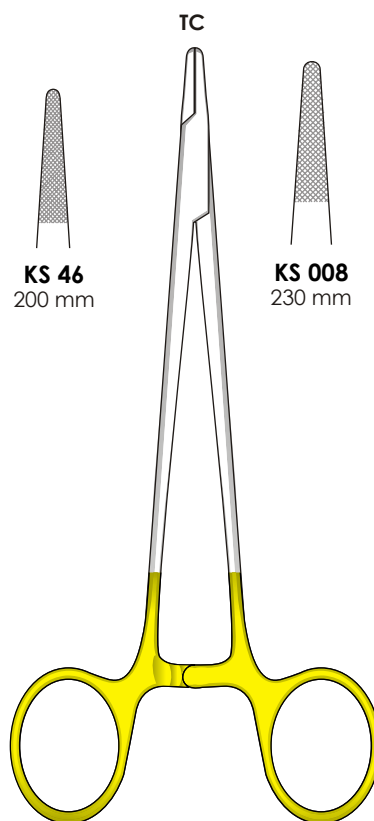
MAYO-HEGAR

					
KS 090 140 mm	KS 091 160 mm	KS 092 190 mm	KS 093 210 mm	KS 094 230 mm	KS 095 260 mm



HEGAR

						
KS 69 140 mm	KS 42 160 mm	KS 45 180 mm	KS 46 200 mm	KS 008 230 mm	KS 009 260 mm	KS 007 300 mm



MAYO-HEGAR



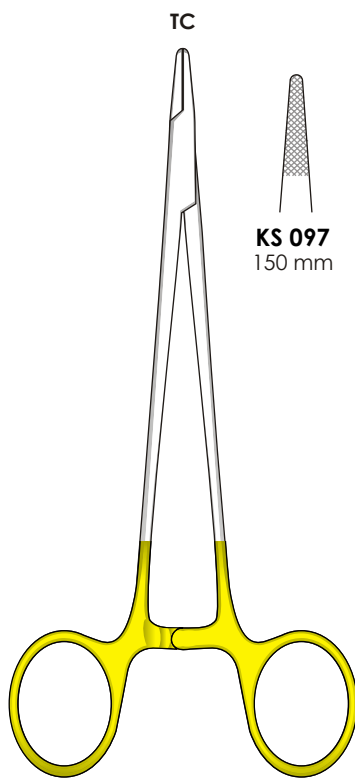
Needle Holders

Port'aghi

Nadelhalter

Porte aiguilles

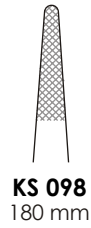
Portaagujas



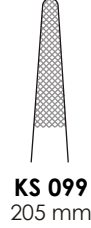
MAYO-HEGAR-FINO



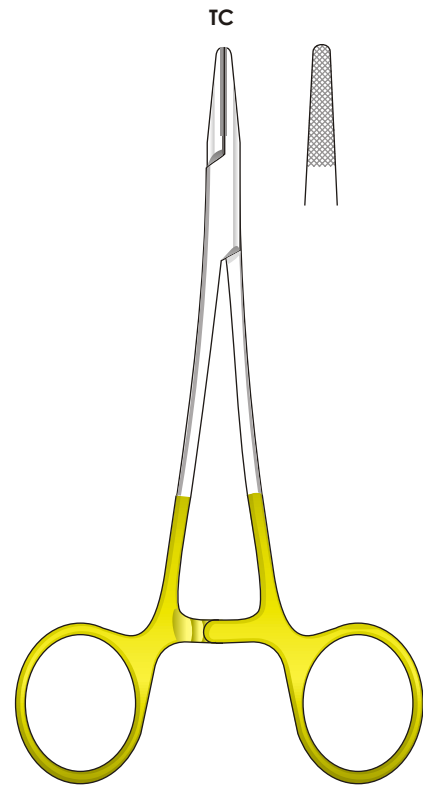
KS 097
150 mm



KS 098
180 mm



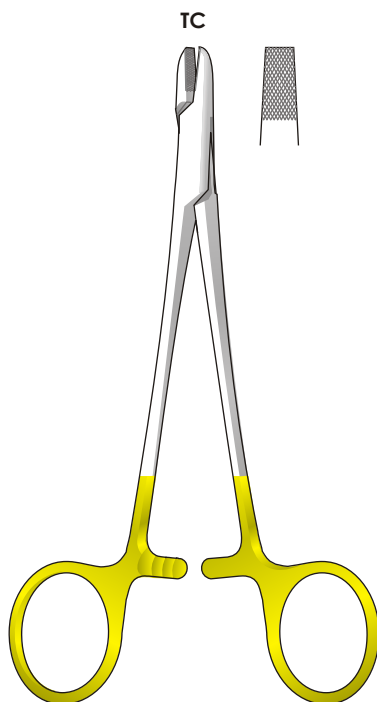
KS 099
205 mm



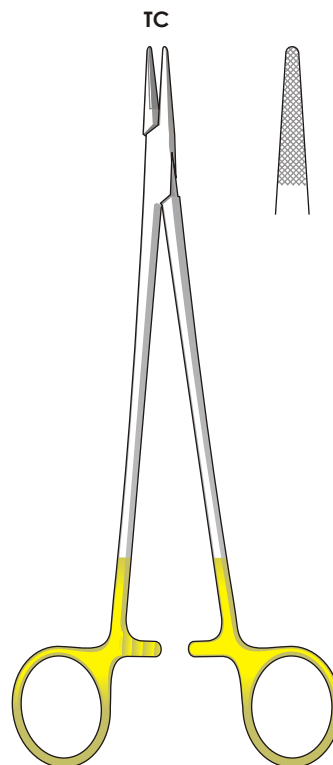
CRILE-WOOD
KS 47
180 mm



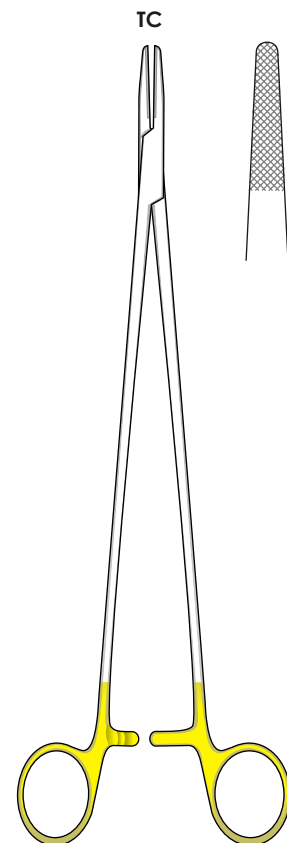
Needle holder, wire forceps
Port'aghi, pinze per fili d'acciaio
Nadelhalter, Draht-Zangen
Porte-aiguilles, pinces à saisir
Porta agujas, pinzas para hilos



KS 68
150 mm



HEGAR-MAYO-SEELEY
KS 080
200 mm

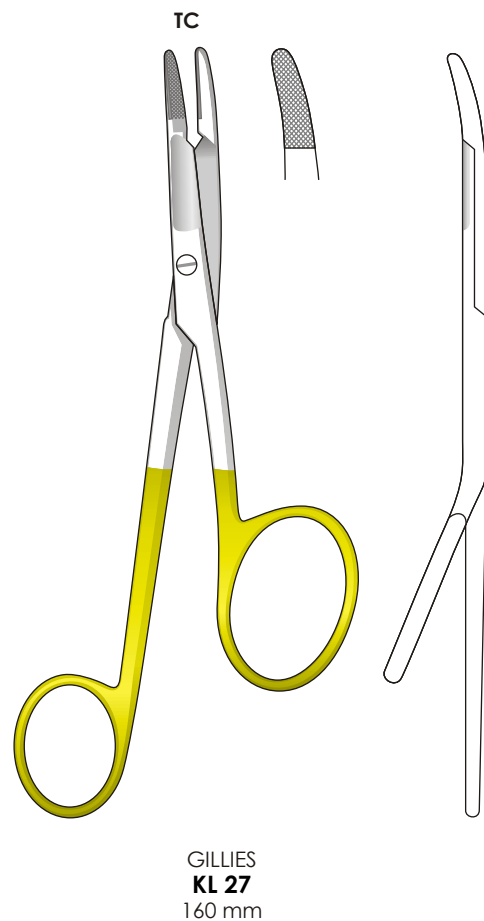
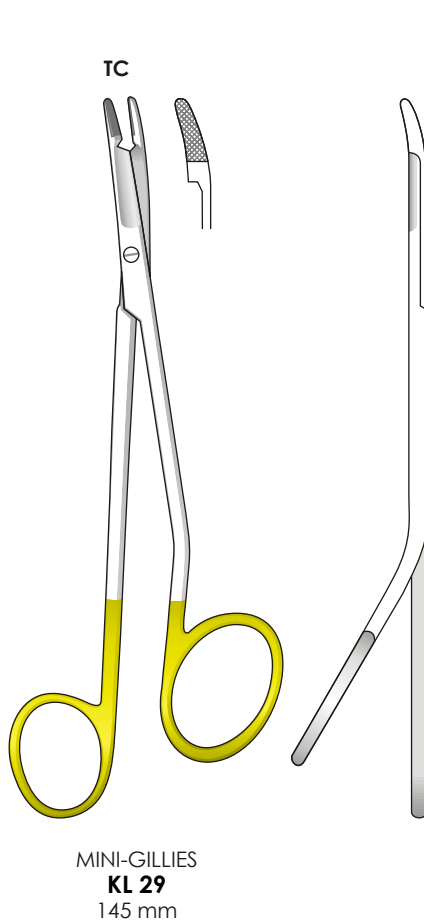
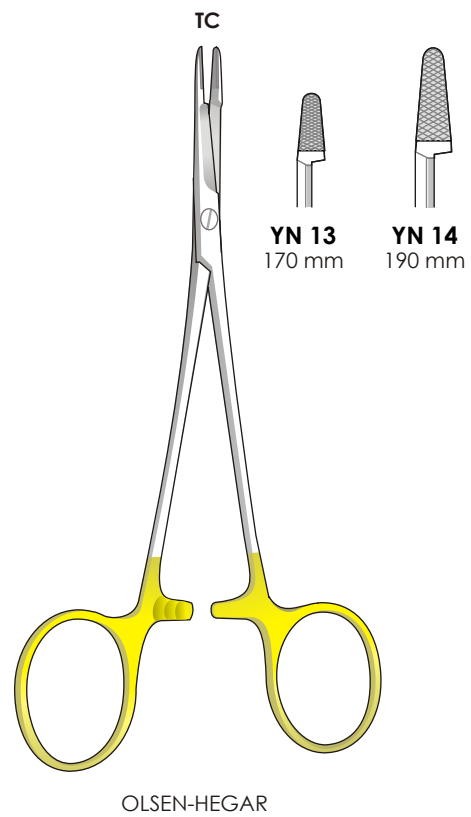
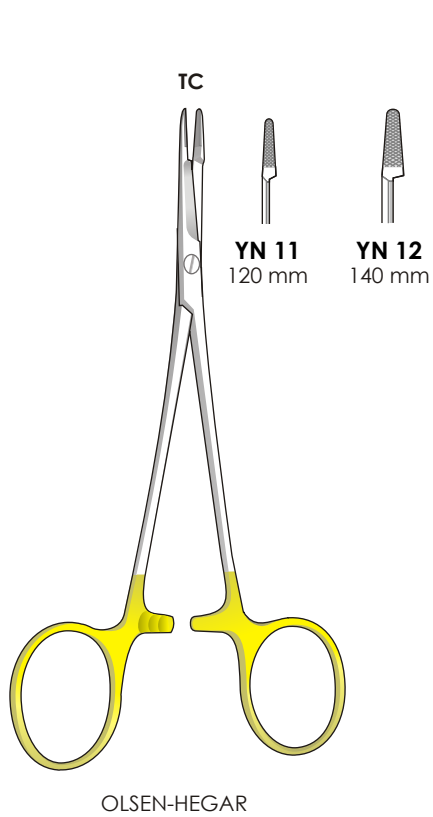


WANGENSTEEN
KS 081
270 mm



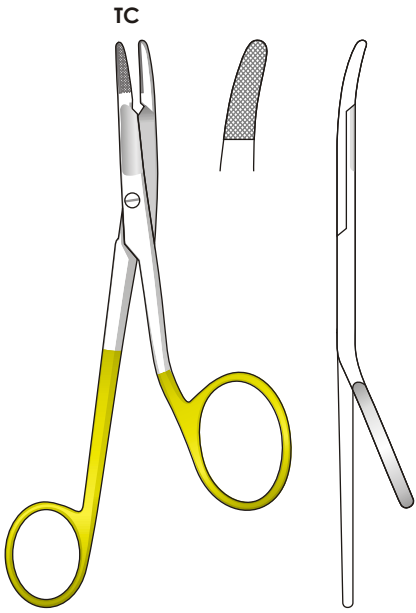


Needle holders with scissors - Port'aghi con forbici - Nadelhalter mit Schere - Porte aiguilles avec ciseaux - Portaagujas con tijeras

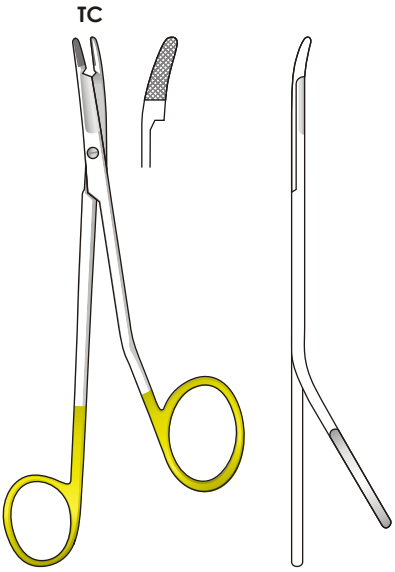




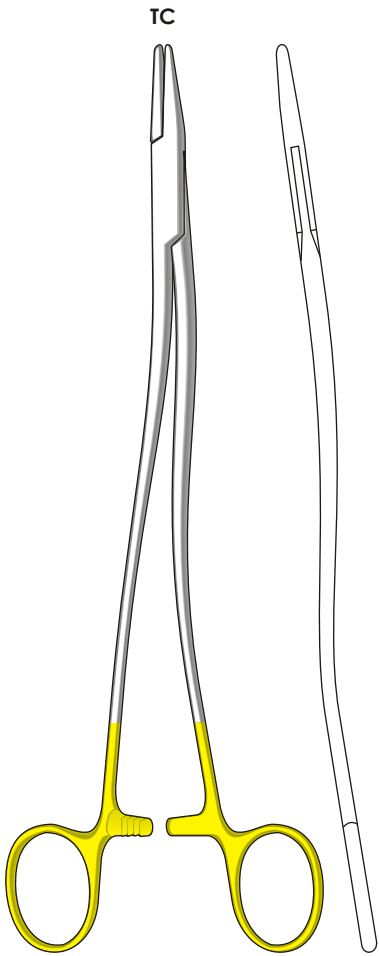
Left Handed - Für Linkshänder
Per mancini - Pour gauche - Para zurdos



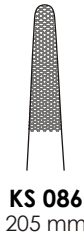
GILLIES
KL 27L
160 mm



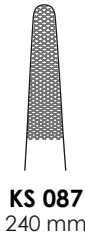
MINI-GILLIES
KL 29L
145 mm



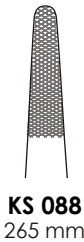
BOZEMANN



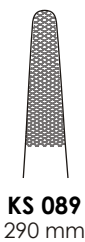
KS 086
205 mm



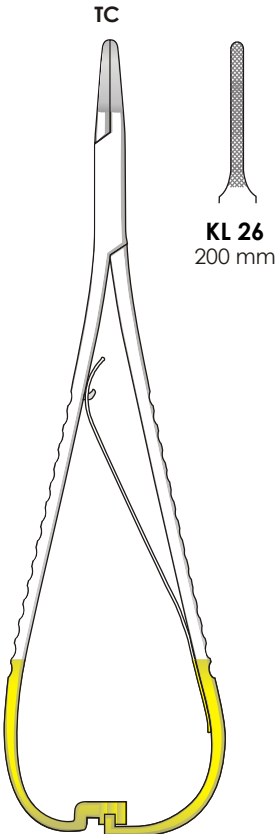
KS 087
240 mm



KS 088
265 mm



KS 089
290 mm



LICHTENBERG
175 mm



Needle Holders

Nadelhalter

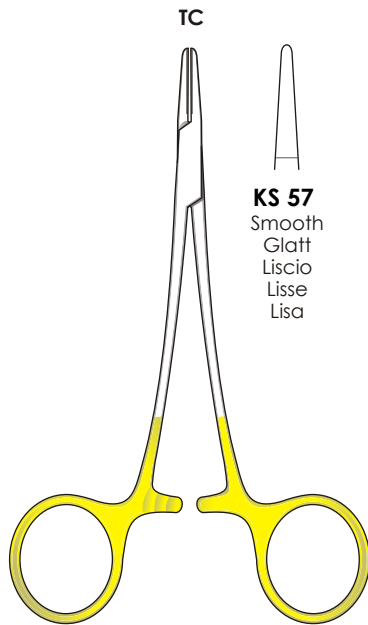
Port'aghi

Portaagujas

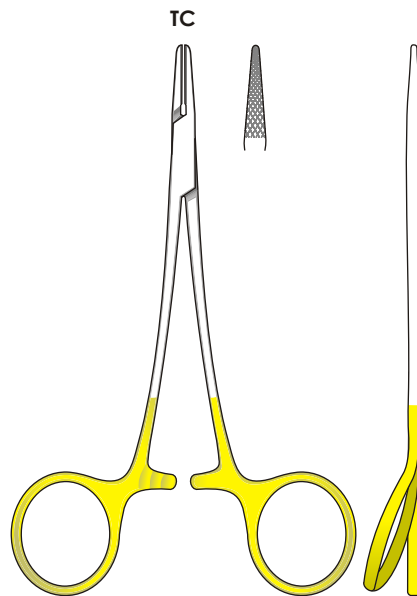
Porte Aiguilles

Needle Holders with tungsten-carbide inserts - Nadelhalter mit Hartmetalleinlagen - Portaghi con inserti al tungsteno
Portaagujas con plaquitas de carburo de tungsteno - Porte aiguilles avec plaquettes en carbure de tungstène

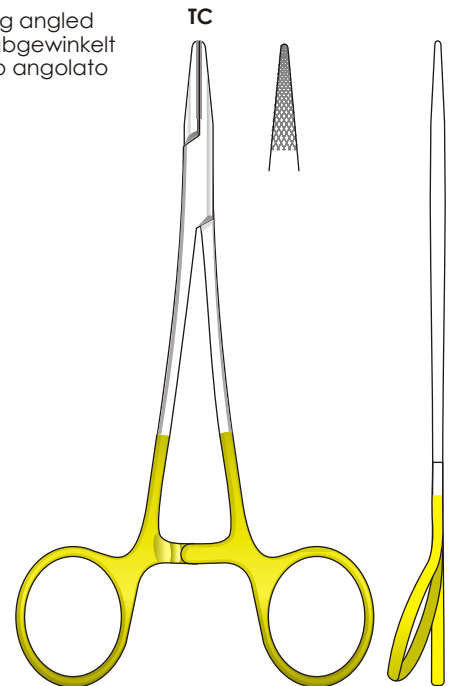
One ring angled
Ein Ring abgewinkelt
Un anello angolato



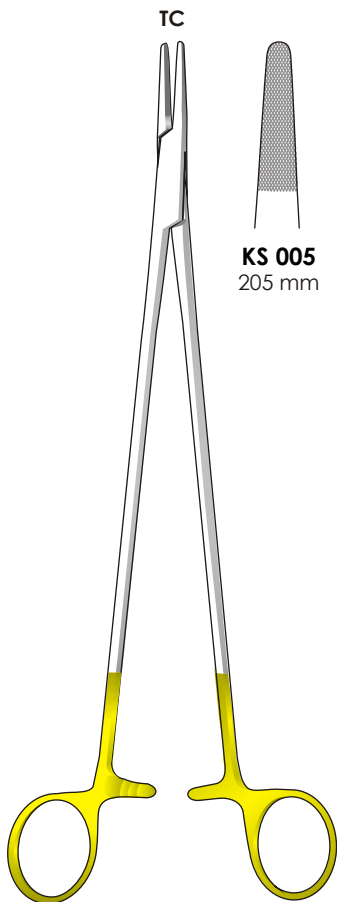
HALSEY
130 mm



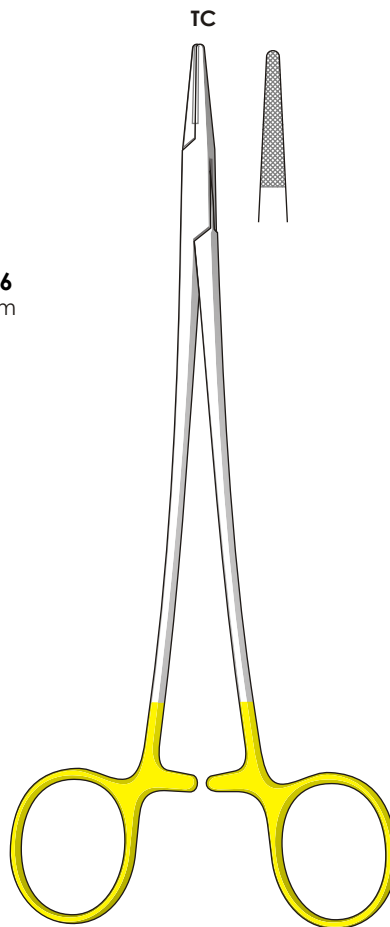
KS 29
120 mm



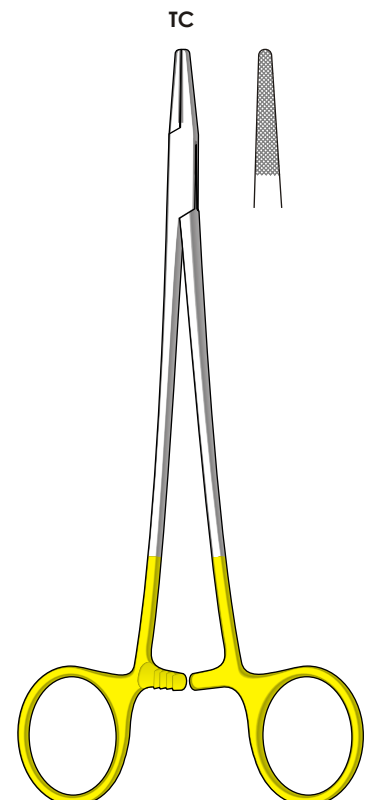
CRILE-WOOD
KS 010
150 mm



HEGAR



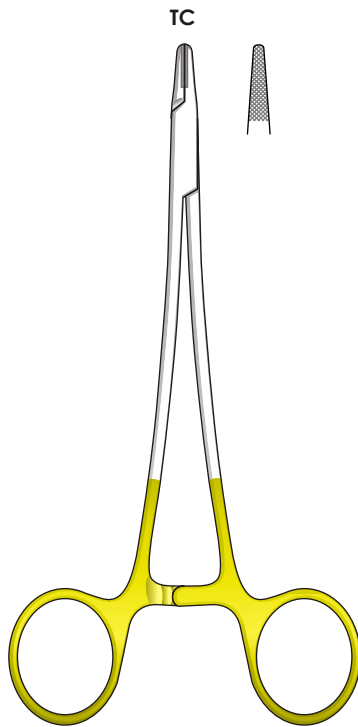
DE BAKY
KS 085
370 mm



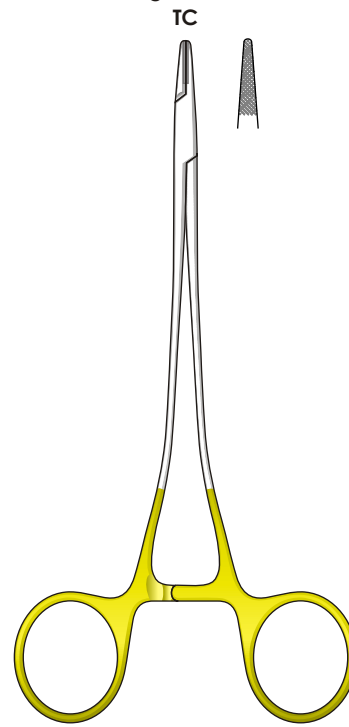
DeBAKEY
KS 019
200 mm



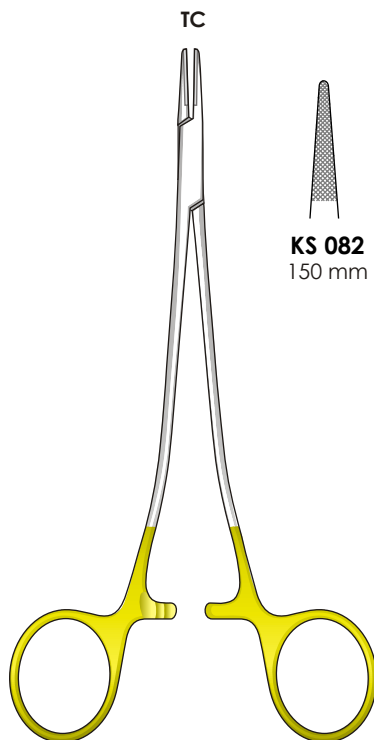
Needle Holders with tungsten-carbide inserts - Portaghi con inserti al tungsteno
Nadelhalter mit Hartmetalleinlagen - Porte aiguilles avec plaquettes en carbure de tungstène
Portaagujas con plaquitas de carburo de tungsteno



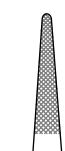
KS 49
145 mm



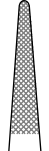
KS 35
150 mm



SAROT



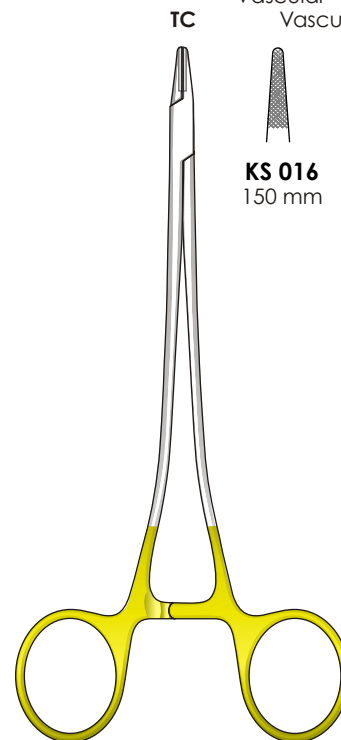
KS 082
150 mm



KS 083
180 mm

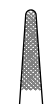


KS 084
210 mm



SWEDISH MOD.

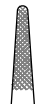
Vascular - Vascolari - Vasculares
Vasculaires - Vasculares



KS 016
150 mm



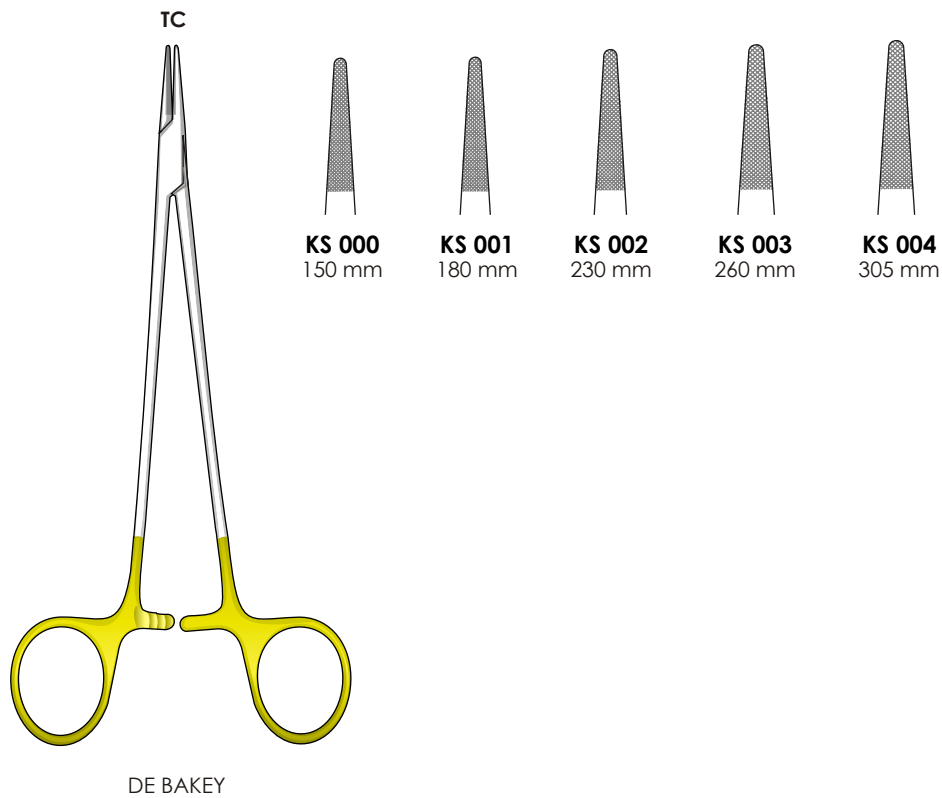
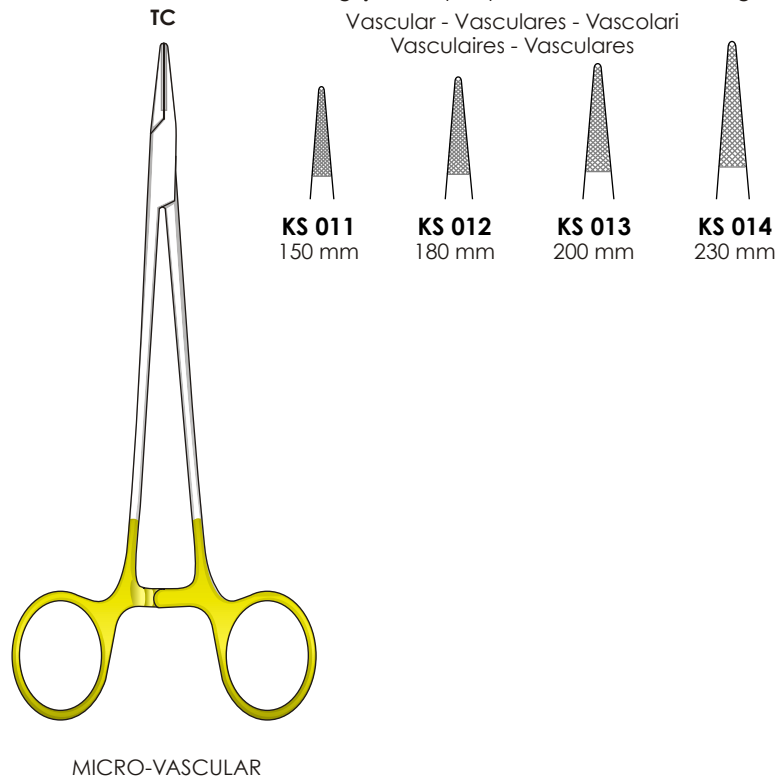
KS 017
180 mm



KS 018
200 mm



Needle Holders with tungsten-carbide inserts - Portaghi con inserti al tungsteno
Nadelhalter mit Hartmetalleinlagen - Porte aiguilles avec plaquettes en carbure de tungstène
Portaagujas con plaquitas de carburo de tungsteno





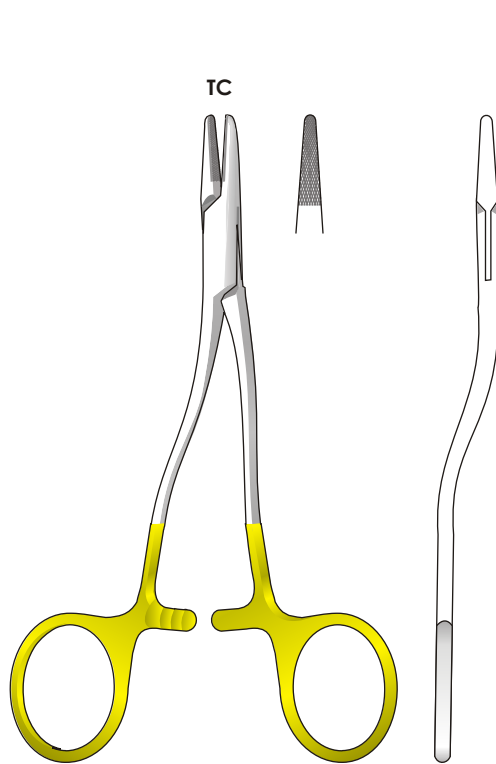
Needle Holders

Port'aghi

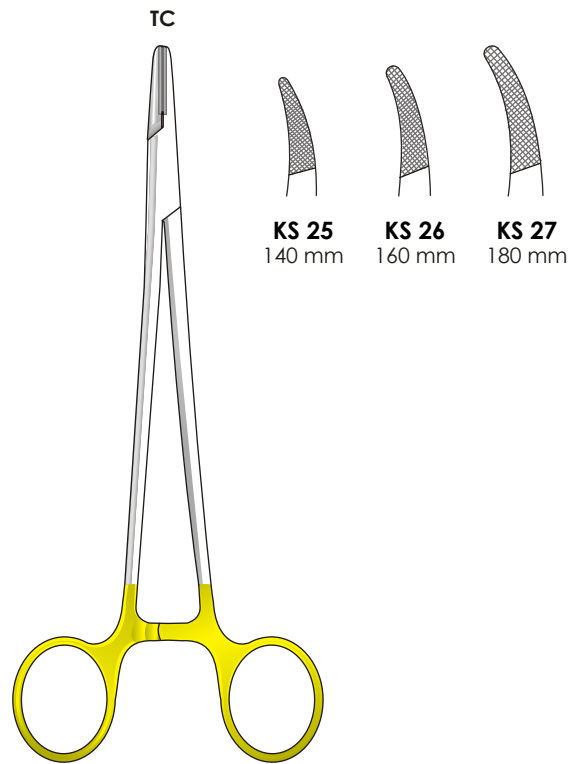
Nadelhalter

Porte aiguilles

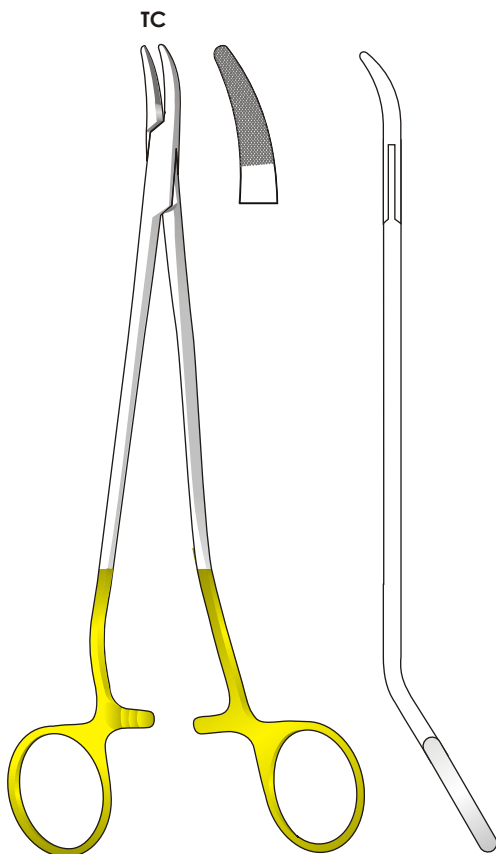
Portaagujas



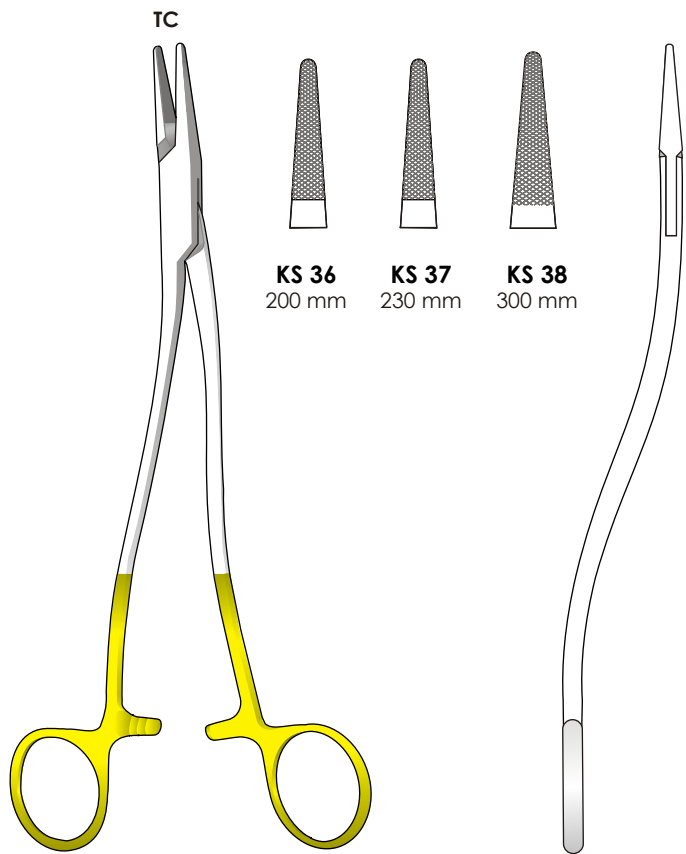
KILNER
KS 28
130 mm



MAYO-HEGAR-HEANEY



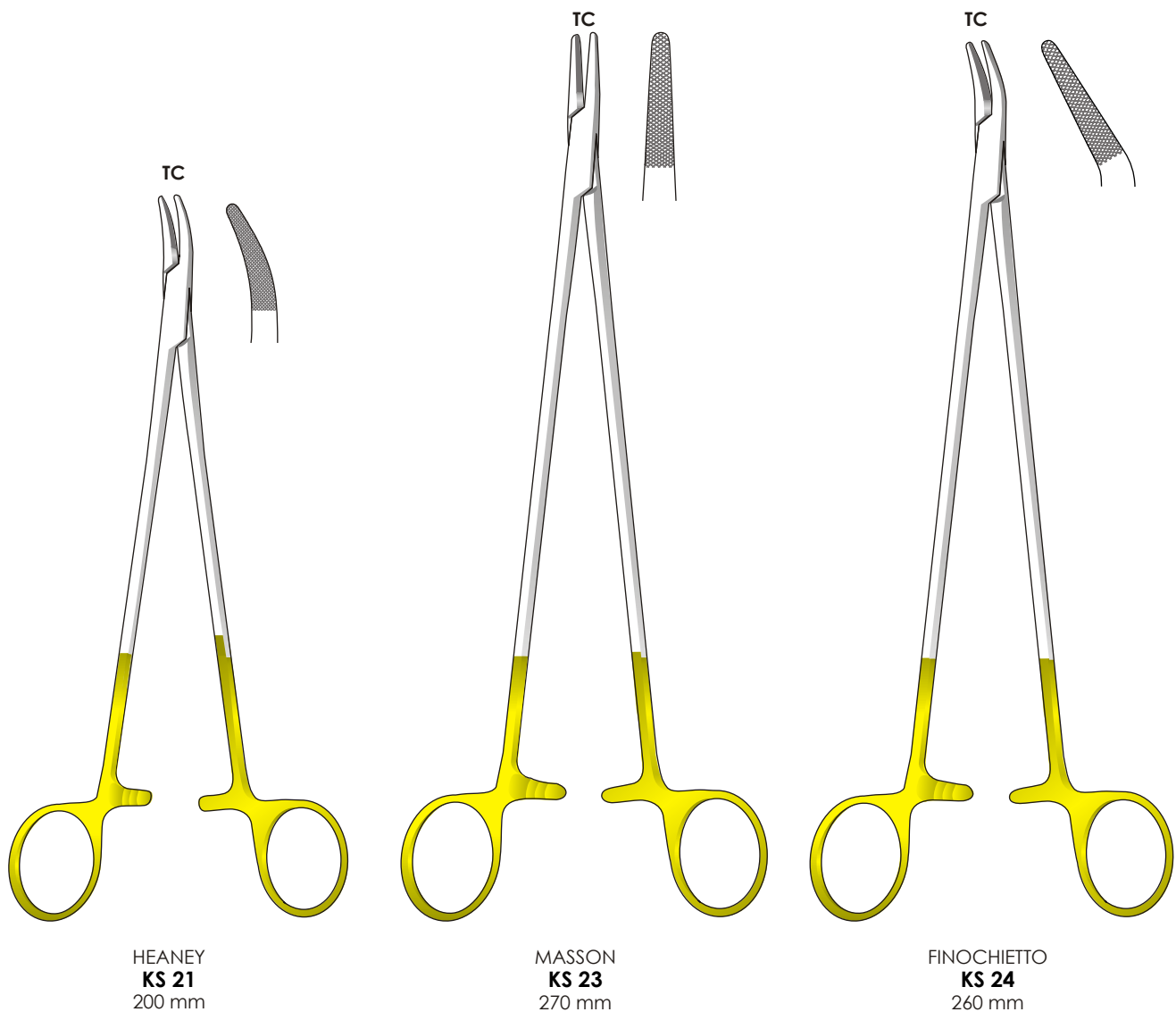
S-FORMING
KS 39
200 mm



WERTHEIM

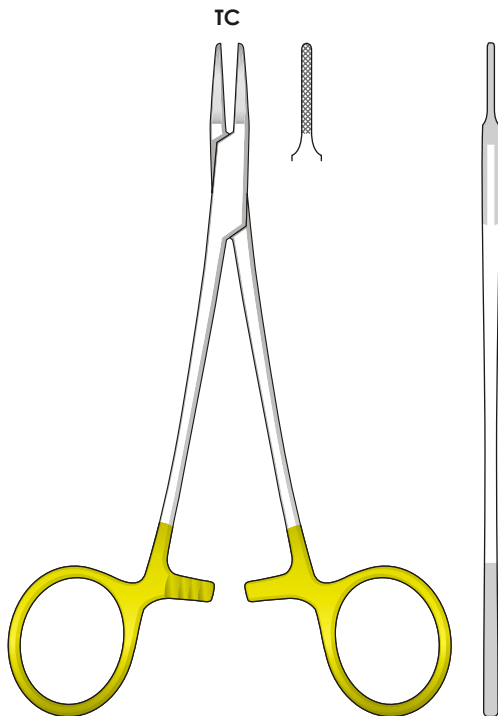


Needle Holders with tungsten-carbide inserts - Portaghi con inserti al tungsteno
Nadelhalter mit Hartmetalleinlagen - Porte aiguilles avec plaquettes en carbure de tungstène
Portaagujas con plaquitas de carburo de tungsteno

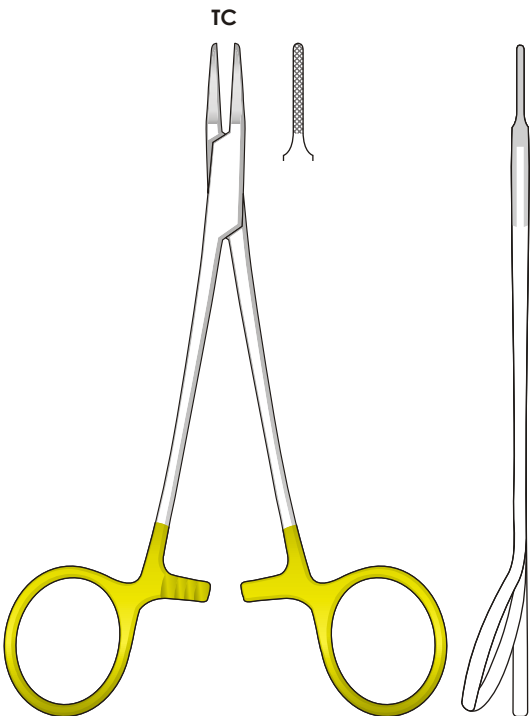




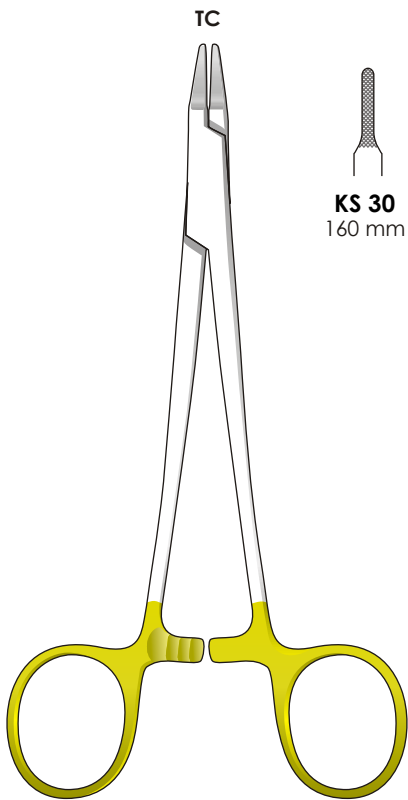
Needle Holders with tungsten-carbide inserts - Portaghi con inserti al tungsteno
Nadelhalter mit Hartmetalleinlagen - Porte aiguilles avec plaquettes en carbure de tungstène
Portaagujas con plaquitas de carburo de tungsteno



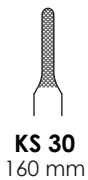
MICRO-RYDER
KS 33
140 mm



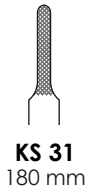
KS 34
140 mm



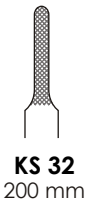
RYDER



KS 30
160 mm



KS 31
180 mm



KS 32
200 mm



Needle Holders

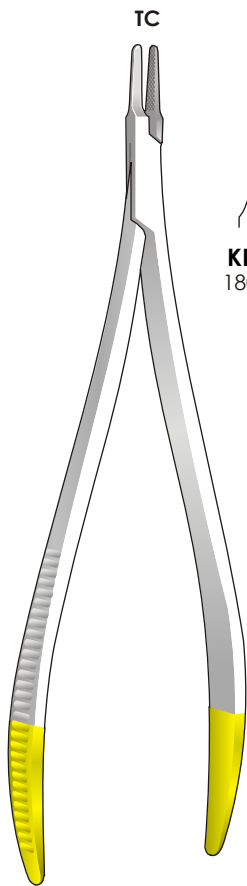
Port'aghi

Nadelhalter

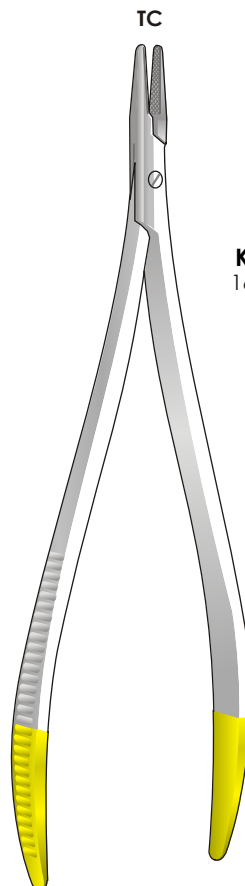
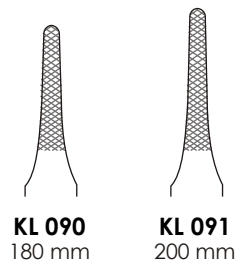
Porte aiguilles

Portaagujas

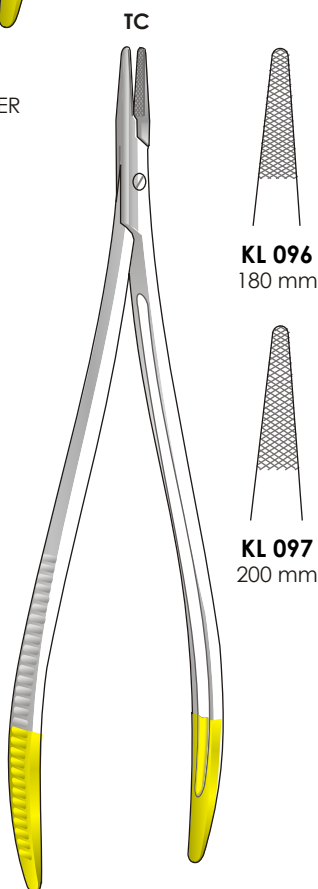
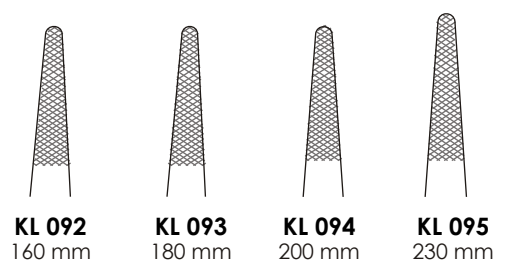
Needle Holders with tungsten-carbide inserts - Portaghi con inserti al tungsteno
Nadelhalter mit Hartmetalleinlagen - Porte aiguilles avec plaquettes en carbure de tungstène
Portaagujas con plaquitas de carburo de tungsteno



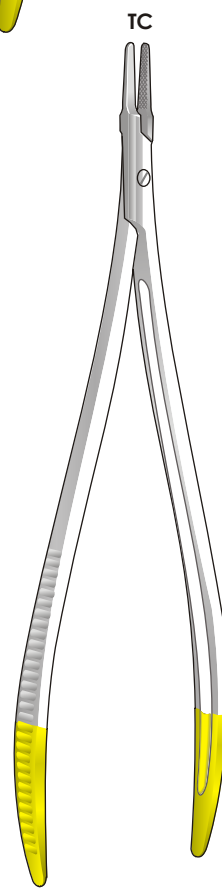
LANGENBECK-RYDER



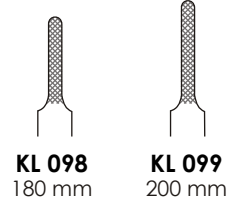
LANGENBECK



TÖNNIS



TÖNNIS-RYDER





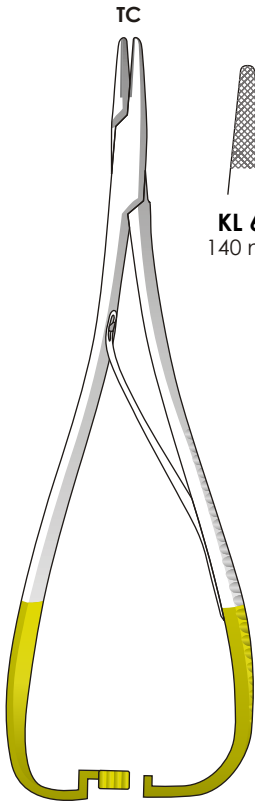
Needle Holders

Port'aghi

Nadelhalter

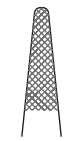
Porte aiguilles

Portaagujas



MATHIEU

TC



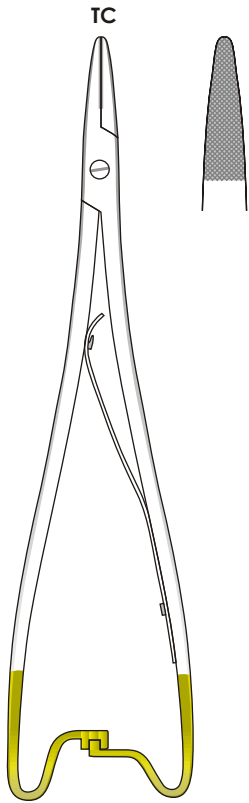
KL 60
140 mm



KL 61
170 mm

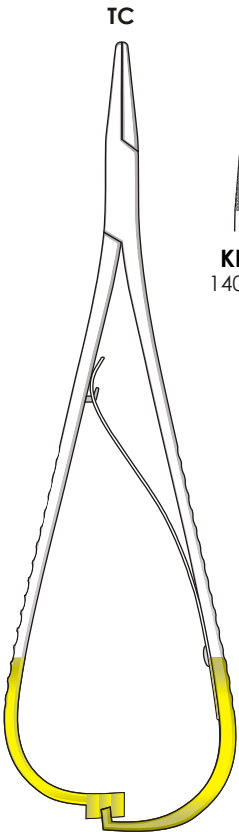


KL 62
200 mm



MATHIEU
KL 56
200 mm

TC



MATHIEU

TC



KL 32
140 mm



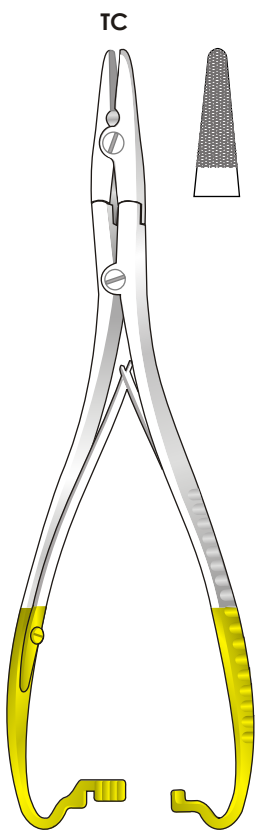
KL 34
170 mm



KL 33
200 mm



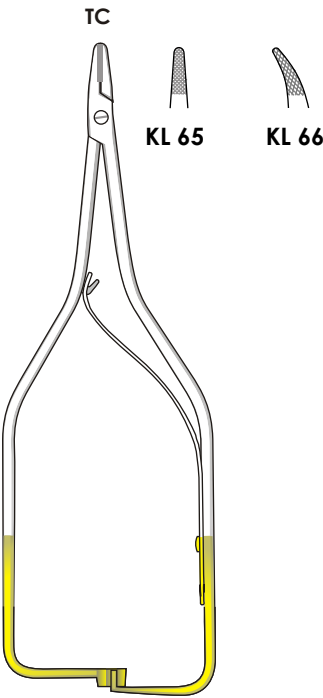
KL 22
240 mm



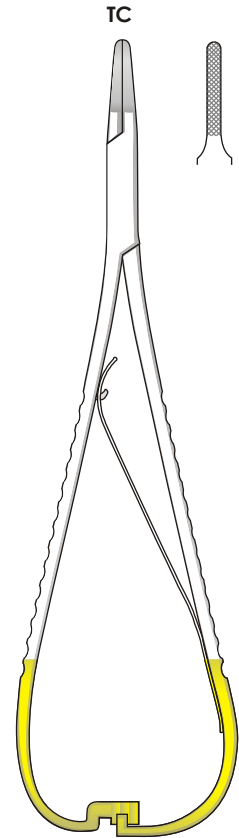
KL 000
200 mm

TC

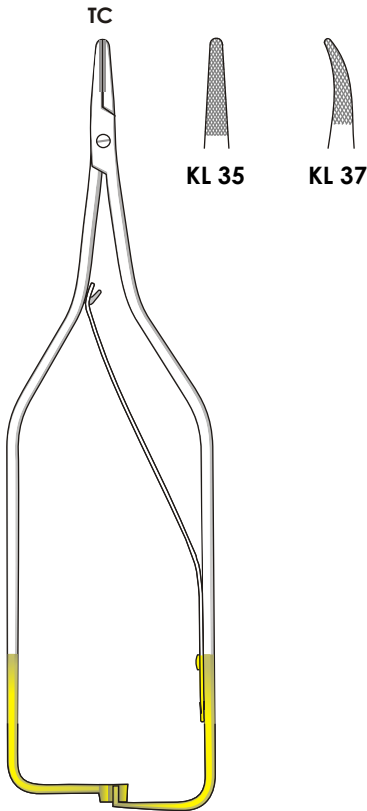




BOYNTON
120 mm



LICHTENBERG
KL 36
175 mm



ARRUGA
160 mm



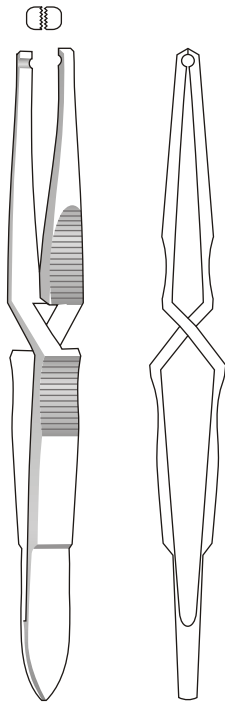
Clip applying
forceps

Pinze
per agraes

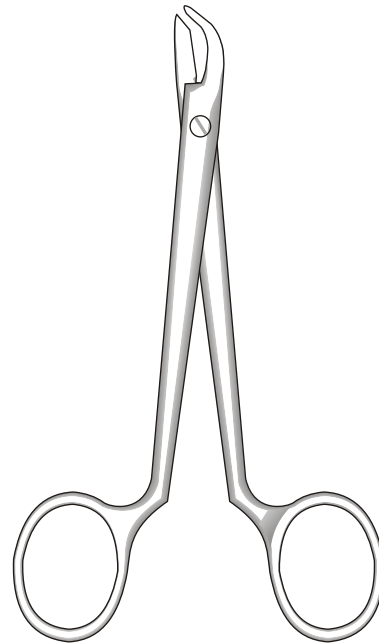
Klammernanlegepinzetten

Pinces pour
agrafes

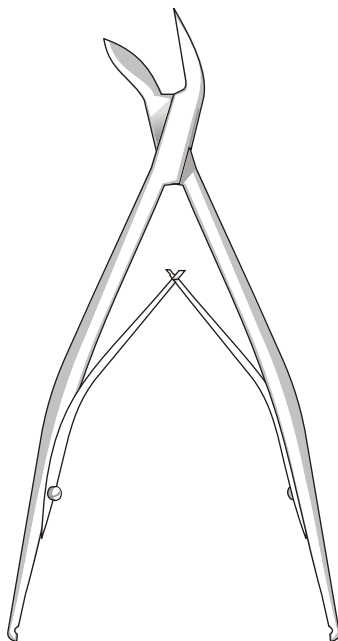
Pinzas para
agrafes



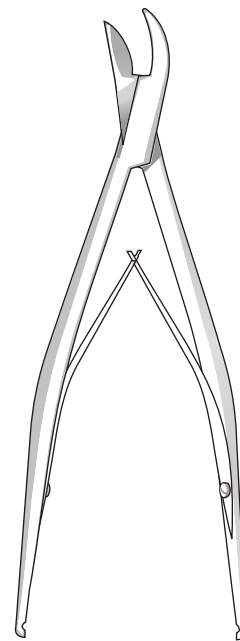
HEGENBARTH
YW 62
125 mm



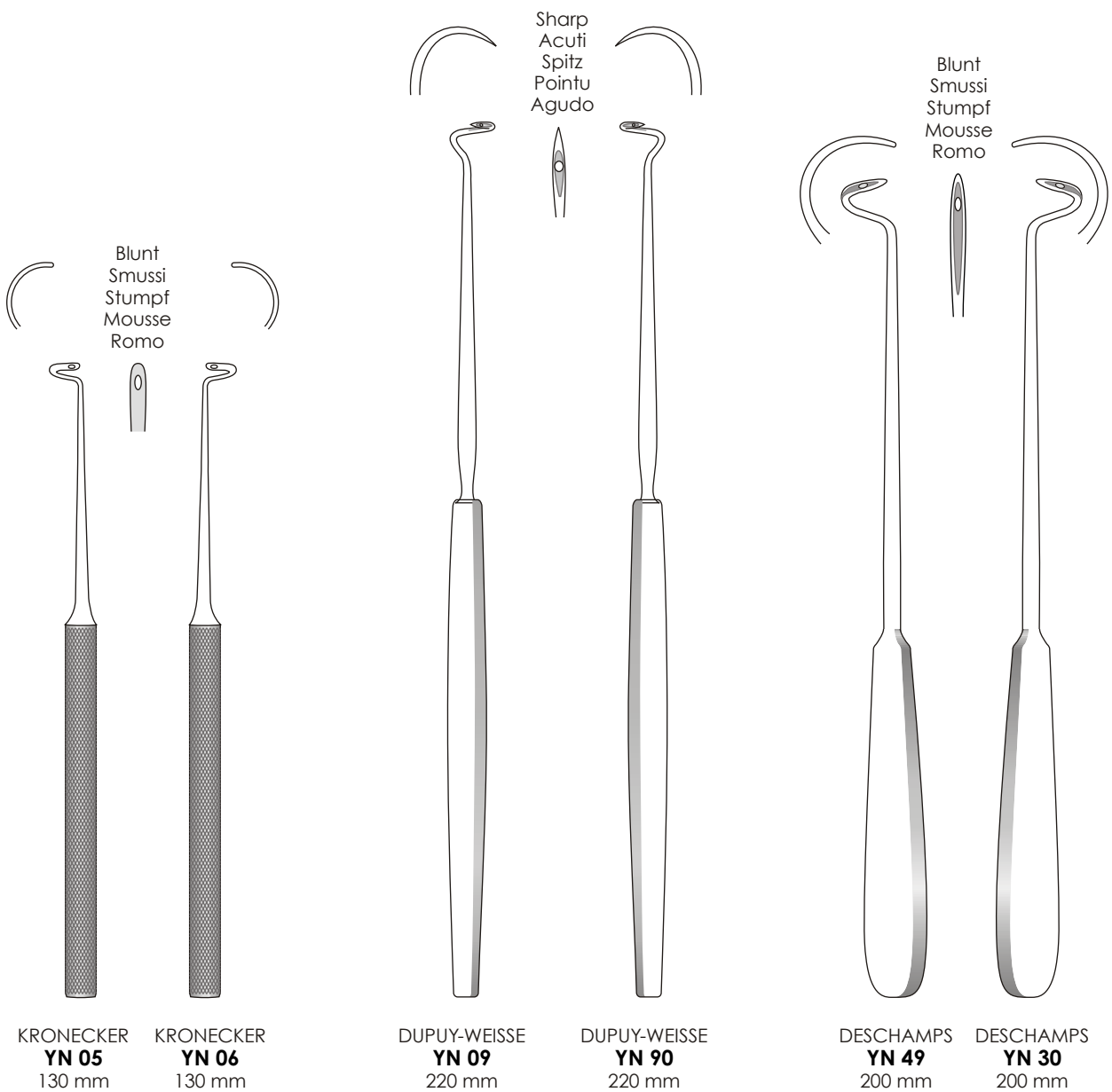
COLLIN
YU 55
135 mm

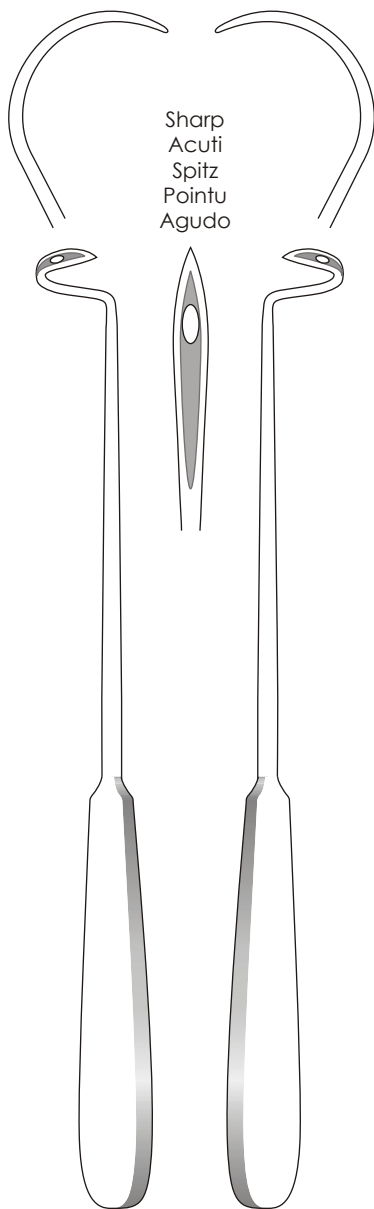


MICHEL
YU 58
130 mm



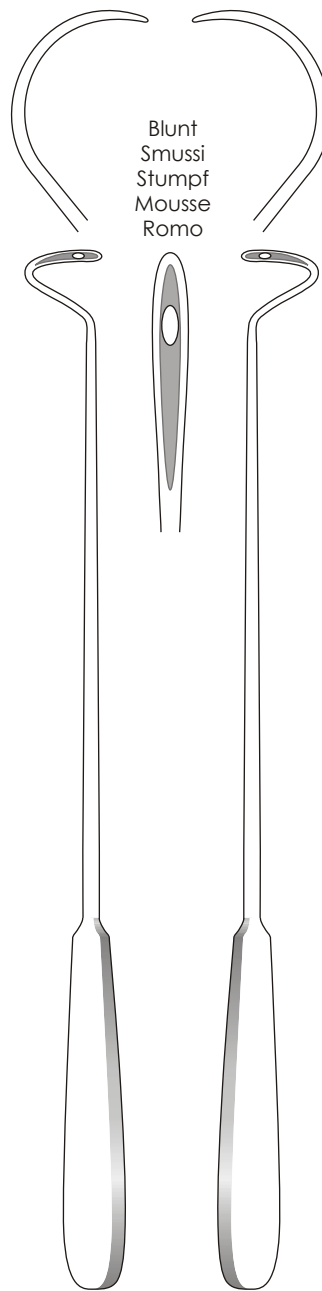
MICHEL
YU 59
120 mm





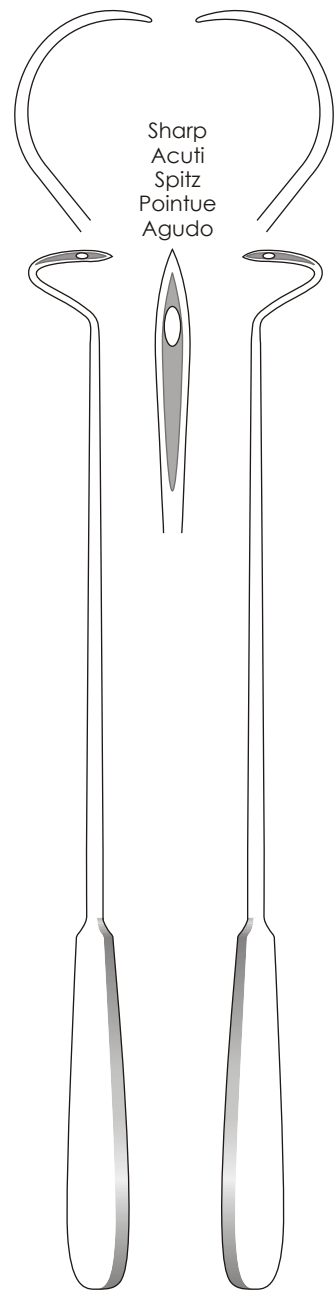
DESCHAMPS
YN 72
210 mm

DESCHAMPS
YN 73
210 mm



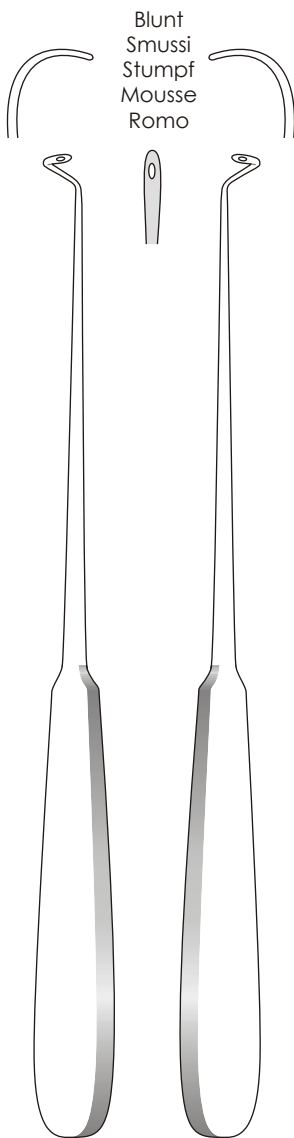
DESCHAMPS
YN 74
270 mm

DESCHAMPS
YN 75
270 mm



DESCHAMPS
YN 78
270 mm

DESCHAMPS
YN 79
270 mm



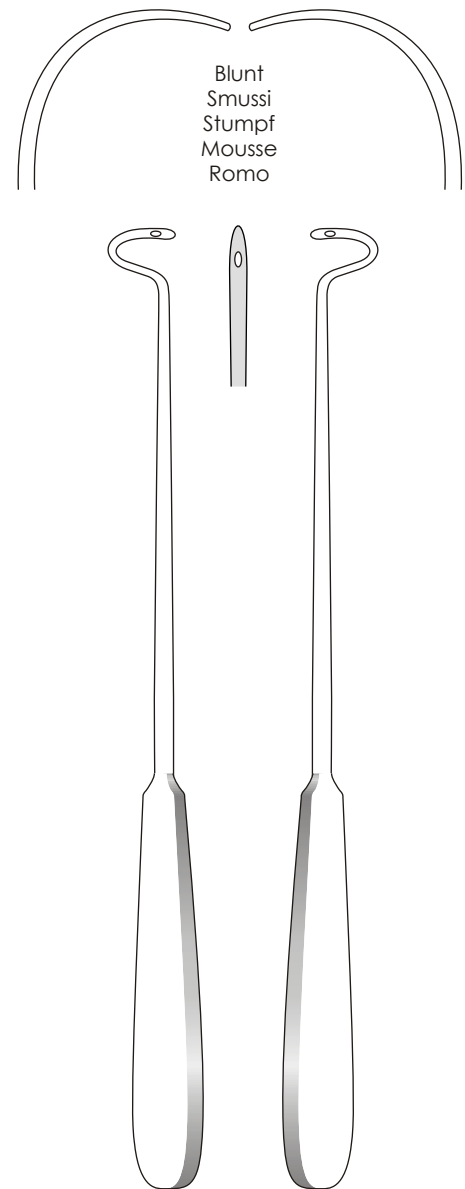
DESCHAMPS
YN 55
225 mm

DESCHAMPS
YN 56
225 mm



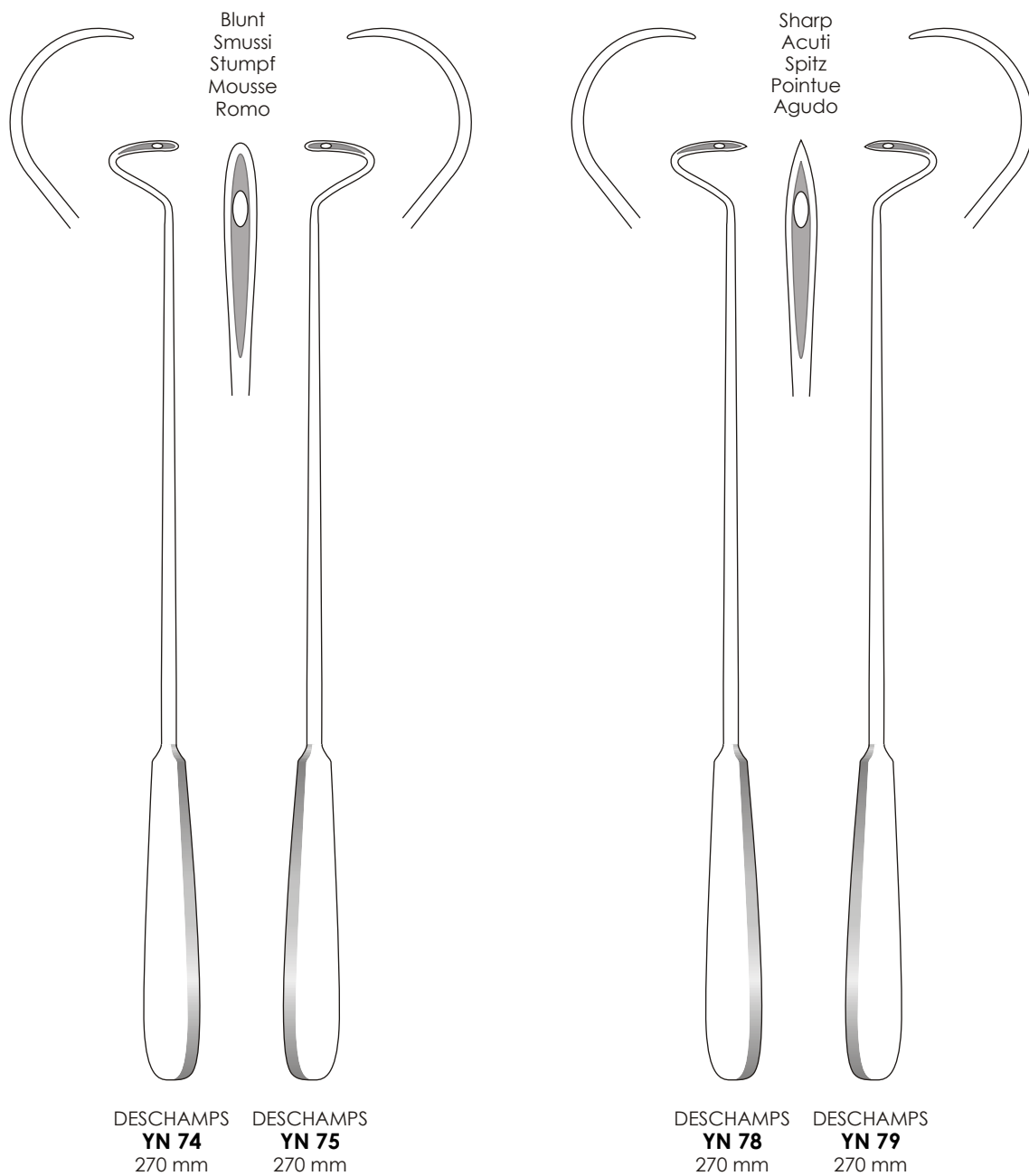
DESCHAMPS
YN 45
225 mm

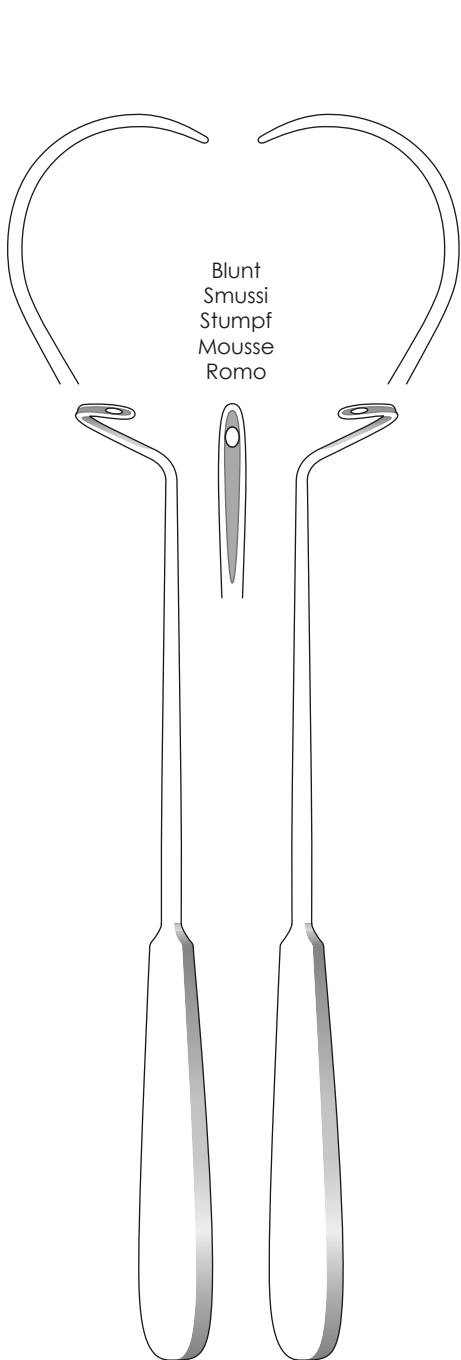
DESCHAMPS
YN 46
225 mm



DESCHAMPS
YN 47
225 mm

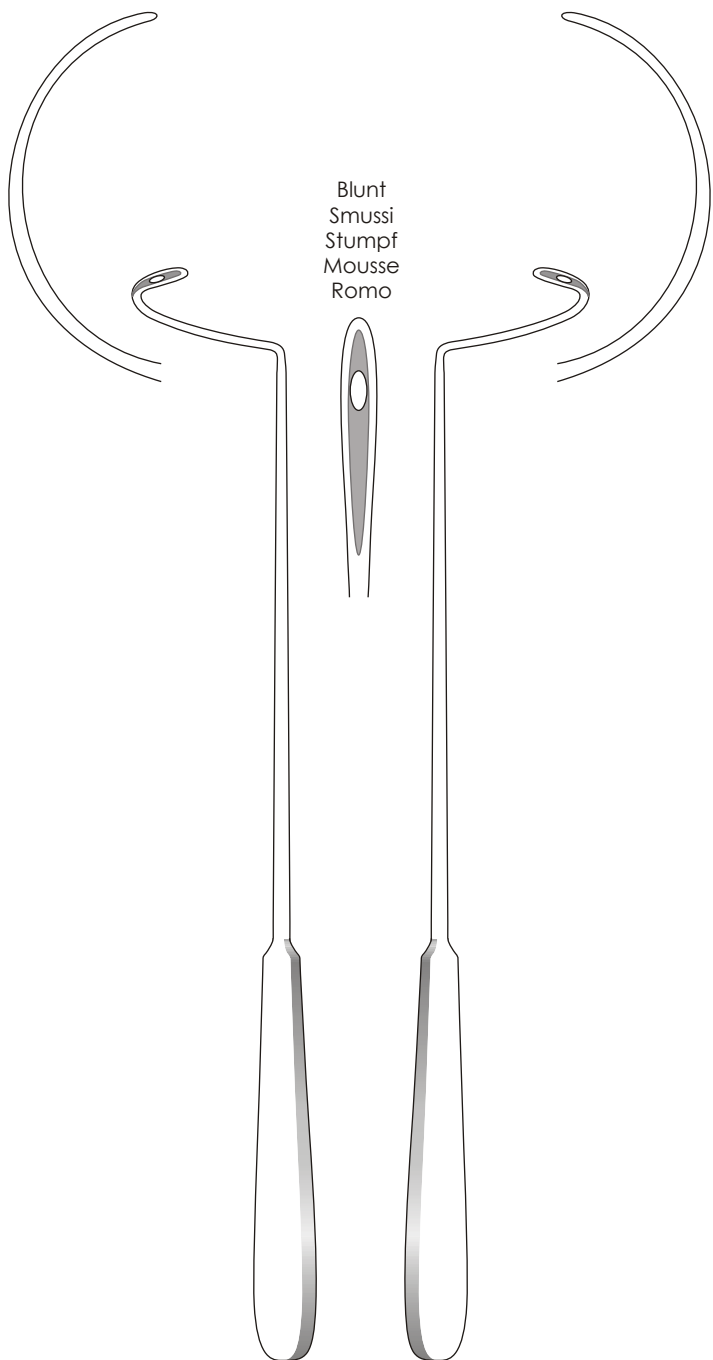
DESCHAMPS
YN 48
225 mm





DESCHAMPS
YN 76
240 mm

DESCHAMPS
YN 77
240 mm



DESCHAMPS
YN 62
280 mm

DESCHAMPS
YN 63
280 mm



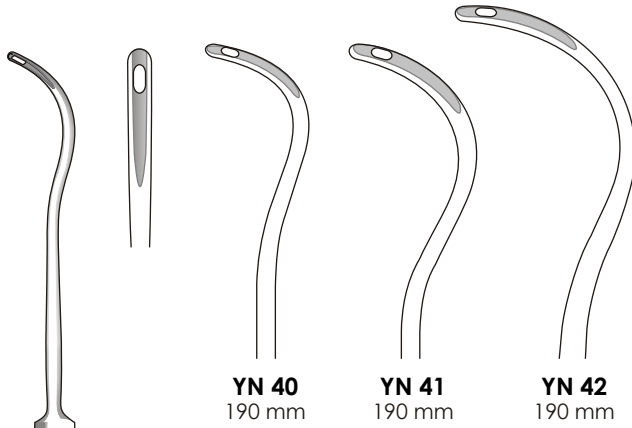
Ligature needles

Aghi per legature

Unterbindungsnadeln

Aiguilles à ligatures

Agujas para ligaduras

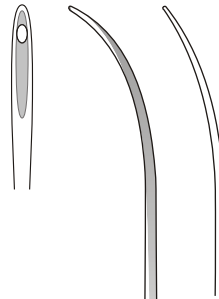


YN 40
190 mm

YN 41
190 mm

YN 42
190 mm

Flexible
Malleabile
Biegsam
Souple
Maleable



KOCHER
190 mm



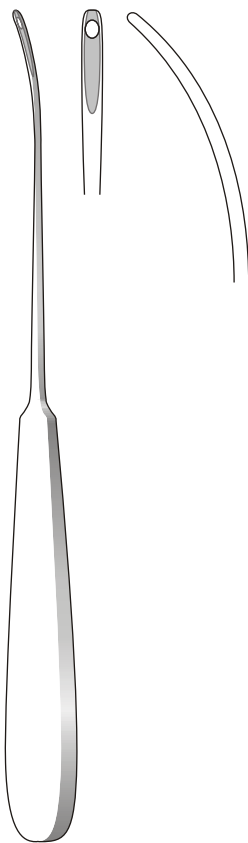
YN 43
200 mm

COOPER
200 mm

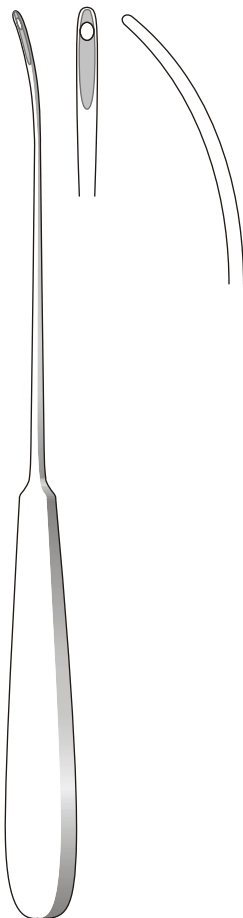
COOPER
YN 99
190 mm

SCHMIEDEN-DICK
YN 07
320 mm

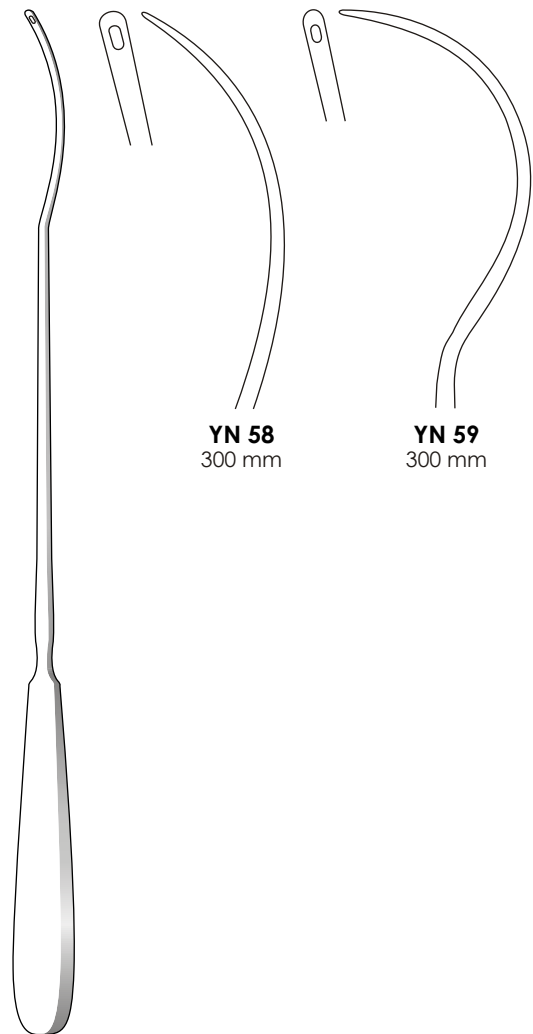
SCHMIEDEN
YN 08
210 mm



YN 98
200 mm



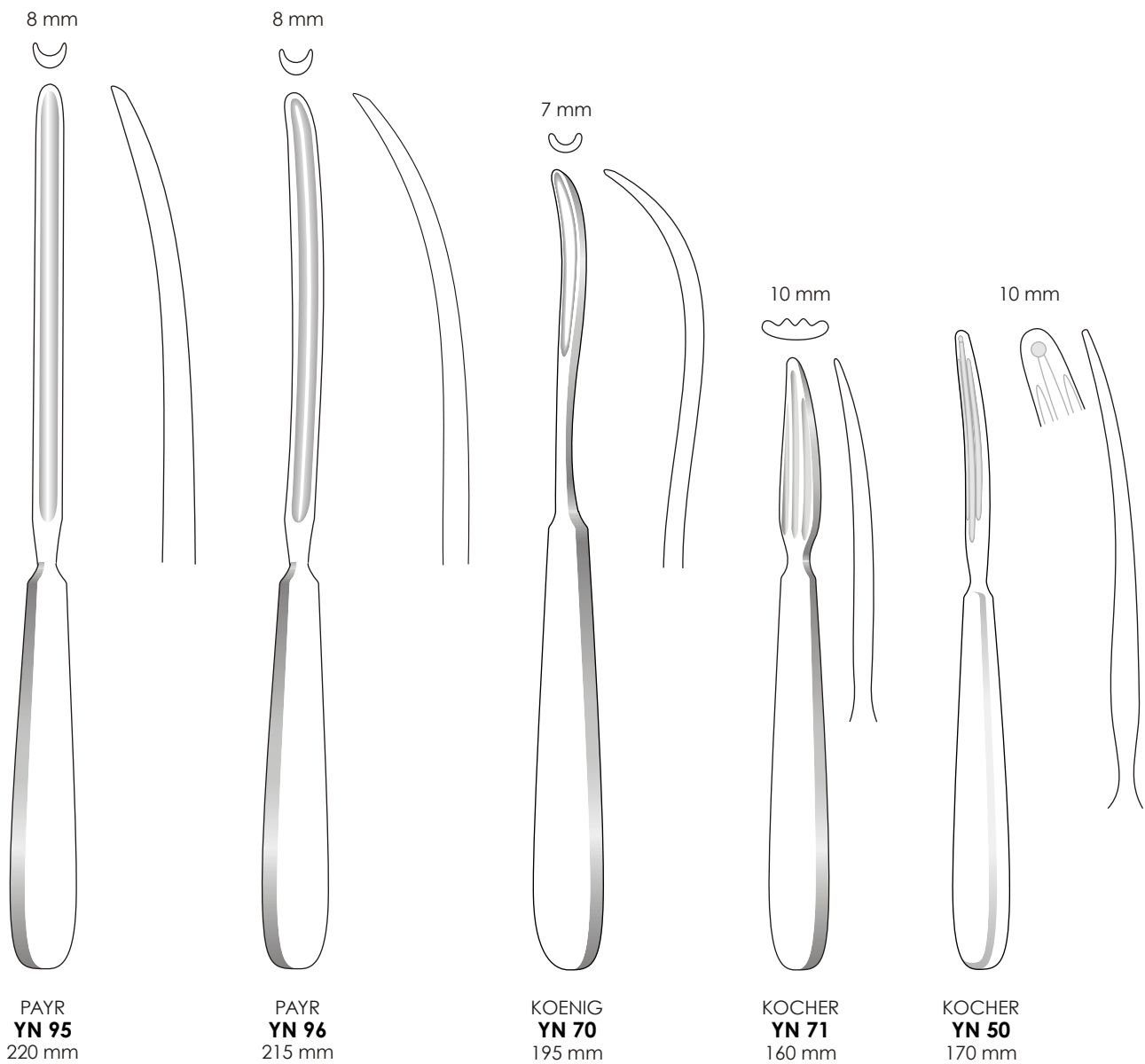
YN 44
230 mm



BRUNNER
300 mm

YN 58
300 mm

YN 59
300 mm





REDON
Guide needles

Aghi guida
REDON

REDON
Führungsnadeln

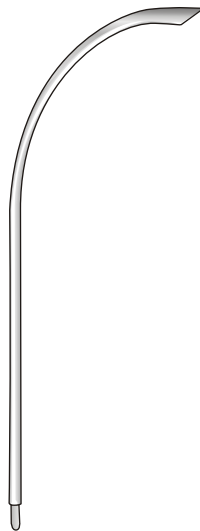
Aiguille
d'introduction **REDON**

Aguja de
guida **REDON**

Char. 8 = 2,75 mm
Char 10 = 3,3 mm
Char 12 = 4 mm
Char 14 = 4,6 mm
Char 16 = 5,3 mm
Char 18 = 6 mm



Punta a coltello
Messerspitze gebogen
Knife tip curved



Knife tip curved
Messerspitze gebogen
Punta a coltello



Lancet tip curved
Lanzettenspitze gebogen
Punta a lancetta



Trocar tip curved
Dreikantspitze gebogen
Punta Trocar

Charr.

8 **YN 012**
10 **YN 013**
12 **YN 014**
14 **YN 015**
16 **YN 016**
18 **YN 017**

YN 002
YN 003
YN 004
YN 005
YN 006
YN 007

YN 092
YN 093
YN 094
YN 095
YN 096
YN 097

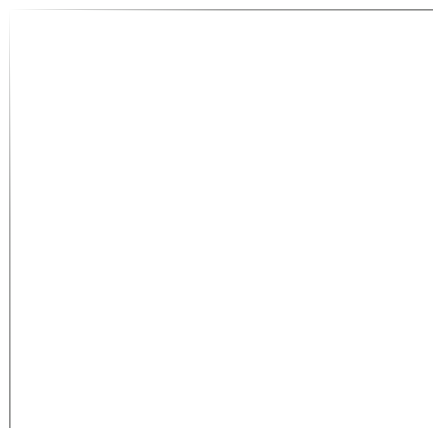
YN 082
YN 083
YN 084
YN 085
YN 086
YN 087



ARRUGA	PG 33	MICRO-VASCULAR	PG 27
BABY-CRILE-WOOD	PG 20	MINI-GILLIES	PG 16
BARRAQUER	PG 2	MINI-GILLIES	PG 23
BARRAQUER	PG 10	MINI-GILLIES	PG 24
BOYNTON	PG 18	MINI-OLSEN-HEGAR	PG 15
BOYNTON	PG 33	OLSEN-HEGAR	PG 15
BOZEMANN	PG 24	OLSEN-HEGAR	PG 23
BROCK	PG 1	PAYR	PG 42
BRUNNER	PG 41	RYDER	PG 30
CASTROVIEJO	PG 6	SAROT	PG 26
CASTROVIEJO	PG 7	SCHMIEDEN	PG 40
CASTROVIEJO	PG 8	SCHMIEDEN-DICK	PG 40
CASTROVIEJO	PG 10	S-FORMING	PG 28
CASTROVIEJO	PG 11	STEVENS	PG 11
COLLIN	PG 34	STILLE	PG 18
CONVERSE	PG 20	SWEDESH MOD.	PG 26
COOPER	PG 40	TÖNNIS	PG 16
CRILE	PG 16	TÖNNIS	PG 31
CRILE-MURRAY	PG 12	TÖNNIS-RYDER	PG 31
CRILE-WOOD	PG 12	WANGENSTEEN	PG 14
CRILE-WOOD	PG 20	WANGENSTEEN	PG 22
CRILE-WOOD	PG 22	WEBSTER	PG 20
CRILE-WOOD	PG 25	WERTHEIM	PG 28
DE BAKEY	PG 25	YASARGIL	PG 4
DE BAKEY	PG 27	YASARGIL	PG 5
DERF	PG 12		
DERF	PG 20		
DESCHAMPS	PG 35		
DESCHAMPS	PG 36		
DESCHAMPS	PG 37		
DESCHAMPS	PG 38		
DESCHAMPS	PG 39		
DIETRICH	PG 8		
DUPUY-WEISSE	PG 35		
EISELBERG-MATHIEU	PG 18		
FINOCHIETTO	PG 29		
GILLIES	PG 16		
GILLIES	PG 23		
GILLIES	PG 24		
HALSEY	PG 12		
HALSEY	PG 20		
HALSEY	PG 25		
HEANEY	PG 29		
HEANEY (HEGAR)	PG 13		
HEGAR	PG 13		
HEGAR	PG 21		
HEGAR	PG 25		
HEGAR-MAYO-SEELEY	PG 14		
HEGAR-MAYO-SEELEY	PG 22		
HEGENBARTH	PG 34		
JACOBSON	PG 3		
JACOBSON	PG 9		
KILNER	PG 28		
KOCHER	PG 40		
KOCHER	PG 42		
KOENIG	PG 42		
KRONECKER	PG 35		
LANGENBECK	PG 31		
LANGENBECK-RYDER	PG 31		
LICHTENBERG	PG 24		
LICHTENBERG	PG 33		
MASSON	PG 14		
MASSON	PG 29		
MATHIEU	PG 17		
MATHIEU	PG 18		
MATHIEU	PG 19		
MATHIEU	PG 32		
MAYO-HEGAR	PG 13		
MAYO-HEGAR	PG 21		
MAYO-HEGAR-FINO	PG 22		
MAYO-HEGAR-HEANEY	PG 28		
MICHEL	PG 34		
MICRO-RYDER	PG 10		
MICRO-RYDER	PG 30		



KL 000	PG 32	KS 071	PG 10	KS 78	PG 12	YN 006	PG 43
KL 090	PG 31	KS 072	PG 10	KS 79	PG 14	YN 007	PG 43
KL 091	PG 31	KS 073	PG 10	KS 88	PG 12	YN 012	PG 43
KL 092	PG 31	KS 074	PG 10	KS 89	PG 12	YN 013	PG 43
KL 093	PG 31	KS 075	PG 10	UW 003	PG 2	YN 014	PG 43
KL 094	PG 31	KS 080	PG 27	UW 004	PG 2	YN 015	PG 43
KL 095	PG 31	KS 081	PG 28	UW 005	PG 2	YN 016	PG 43
KL 096	PG 31	KS 082	PG 26	UW 006	PG 2	YN 017	PG 43
KL 097	PG 31	KS 083	PG 26	UW 015	PG 2	YN 05	PG 35
KL 098	PG 31	KS 084	PG 26	UW 016	PG 2	YN 06	PG 35
KL 099	PG 31	KS 085	PG 25	UW 017	PG 2	YN 07	PG 40
KL 20	PG 17	KS 086	PG 24	UW 032	PG 10	YN 08	PG 40
KL 21	PG 17	KS 087	PG 24	UW 033	PG 10	YN 082	PG 43
KL 22	PG 32	KS 088	PG 24	UW 04	PG 6	YN 083	PG 43
KL 24	PG 18	KS 089	PG 24	UW 040	PG 10	YN 084	PG 43
KL 26	PG 24	KS 090	PG 21	UW 041	PG 10	YN 085	PG 43
KL 27	PG 23	KS 091	PG 21	UW 06	PG 6	YN 086	PG 43
KL 27L	PG 24	KS 092	PG 21	UW 07	PG 6	YN 087	PG 43
KL 29	PG 23	KS 093	PG 21	UW 078	PG 9	YN 09	PG 35
KL 29L	PG 24	KS 094	PG 21	UW 079	PG 9	YN 092	PG 43
KL 30	PG 17	KS 095	PG 21	UW 08	PG 6	YN 093	PG 43
KL 31	PG 17	KS 097	PG 22	UW 09	PG 6	YN 094	PG 43
KL 32	PG 32	KS 098	PG 23	UW 098	PG 8	YN 095	PG 43
KL 33	PG 32	KS 099	PG 24	UW 53	PG 3	YN 096	PG 43
KL 34	PG 32	KS 21	PG 29	UW 790	PG 4	YN 097	PG 43
KL 35	PG 33	KS 23	PG 29	UW 791	PG 4	YN 11	PG 23
KL 36	PG 33	KS 24	PG 29	UW 793	PG 4	YN 12	PG 23
KL 37	PG 33	KS 25	PG 28	UW 80	PG 9	YN 13	PG 23
KL 38	PG 18	KS 26	PG 28	UW 808	PG 5	YN 14	PG 23
KL 39	PG 16	KS 27	PG 28	UW 809	PG 5	YN 30	PG 35
KL 41	PG 17	KS 28	PG 28	UW 81	PG 11	YN 40	PG 40
KL 44	PG 18	KS 29	PG 25	UW 82	PG 9	YN 41	PG 40
KL 45	PG 18	KS 30	PG 30	UW 83	PG 8	YN 42	PG 40
KL 48	PG 17	KS 31	PG 30	UW 84	PG 11	YN 43	PG 40
KL 49	PG 17	KS 32	PG 30	UW 85	PG 8	YN 44	PG 41
KL 50	PG 17	KS 33	PG 30	UW 86	PG 11	YN 45	PG 37
KL 55	PG 17	KS 34	PG 30	UW 87	PG 11	YN 46	PG 37
KL 56	PG 32	KS 35	PG 26	UW 88	PG 11	YN 47	PG 37
KL 57	PG 18	KS 36	PG 28	UW 89	PG 8	YN 48	PG 37
KL 60	PG 32	KS 37	PG 28	UW 890	PG 5	YN 49	PG 35
KL 61	PG 32	KS 38	PG 28	UW 891	PG 5	YN 50	PG 42
KL 62	PG 32	KS 39	PG 28	UW 896	PG 5	YN 52	PG 15
KL 65	PG 33	KS 40	PG 13	UW 897	PG 5	YN 53	PG 15
KL 66	PG 33	KS 41	PG 20	UW 898	PG 5	YN 54	PG 15
KL 69	PG 16	KS 42	PG 21	UW 899	PG 5	YN 55	PG 37
KL 70	PG 18	KS 43	PG 20	UW 90	PG 6	YN 56	PG 37
KL 76	PG 18	KS 44	PG 13	UW 901	PG 1	YN 58	PG 41
KL 77	PG 18	KS 45	PG 21	UW 903	PG 1	YN 59	PG 41
KL 78	PG 18	KS 46	PG 21	UW 908	PG 9	YN 62	PG 39
KL 84	PG 19	KS 47	PG 25	UW 909	PG 9	YN 63	PG 39
KL 85	PG 19	KS 48	PG 13	UW 91	PG 7	YN 70	PG 42
KL 86	PG 19	KS 49	PG 26	UW 913	PG 1	YN 71	PG 42
KL 87	PG 16	KS 51	PG 12	UW 914	PG 1	YN 72	PG 36
KL 88	PG 16	KS 52	PG 12	UW 918	PG 2	YN 73	PG 36
KS 000	PG 27	KS 53	PG 12	UW 92	PG 7	YN 74	PG 36
KS 001	PG 27	KS 54	PG 12	UW 93	PG 7	YN 74	PG 38
KS 002	PG 27	KS 55	PG 20	UW 94	PG 2	YN 75	PG 36
KS 003	PG 27	KS 56	PG 20	UW 95	PG 7	YN 75	PG 38
KS 004	PG 27	KS 57	PG 25	UW 97	PG 8	YN 76	PG 39
KS 005	PG 25	KS 58	PG 20	UW 976	PG 3	YN 77	PG 39
KS 006	PG 25	KS 59	PG 20	UW 977	PG 3	YN 78	PG 36
KS 007	PG 21	KS 62	PG 13	UW 978	PG 3	YN 78	PG 38
KS 008	PG 21	KS 63	PG 20	UW 979	PG 3	YN 79	PG 36
KS 009	PG 21	KS 64	PG 20	UW 98	PG 7	YN 79	PG 38
KS 010	PG 25	KS 68	PG 26	UW 986	PG 10	YN 90	PG 35
KS 011	PG 27	KS 69	PG 21	UW 987	PG 10	YN 95	PG 42
KS 012	PG 27	KS 70	PG 13	UW 99	PG 7	YN 96	PG 42
KS 013	PG 27	KS 71	PG 13	UY 005	PG 19	YN 98	PG 41
KS 014	PG 27	KS 72	PG 13	UY 006	PG 19	YN 99	PG 40
KS 016	PG 26	KS 73	PG 13	YN 51	PG 15	YU 55	PG 34
KS 017	PG 26	KS 74	PG 13	YN 002	PG 43	YU 58	PG 34
KS 018	PG 26	KS 75	PG 13	YN 003	PG 43	YU 59	PG 34
KS 019	PG 25	KS 76	PG 14	YN 004	PG 43	YW 62	PG 34
KS 070	PG 10	KS 77	PG 14	YN 005	PG 43		



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