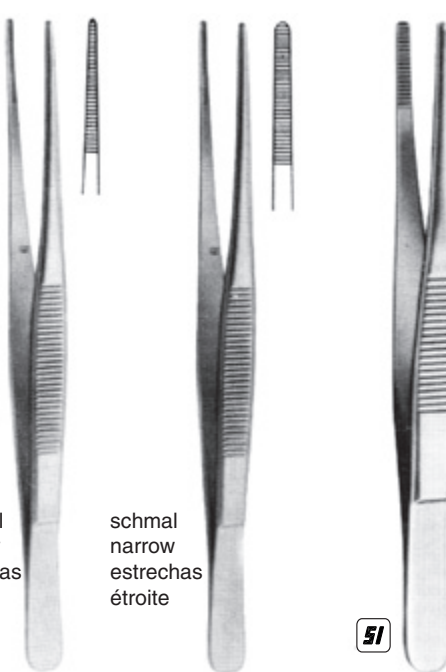
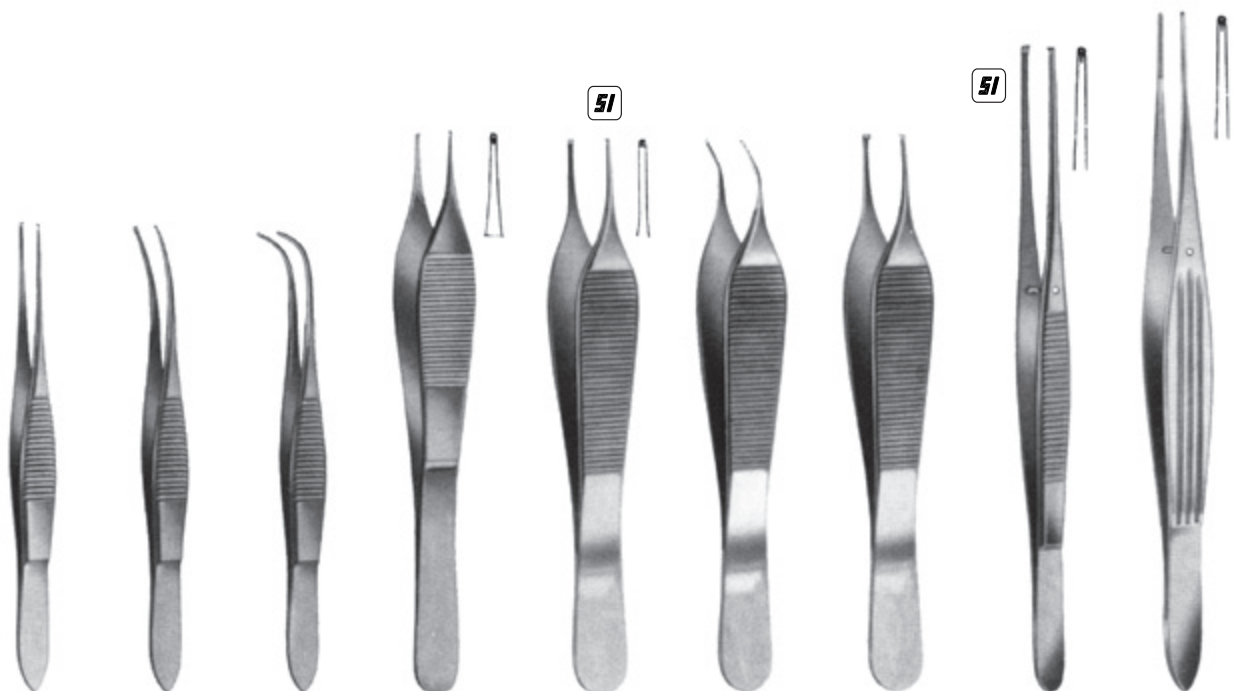


									
cm	in.								
10	4	14-0100	14-0101	14-0103	MICRO-ADSON	ADSON	ADSON	SEMKEN	MC INDOE
12	4¾				14-0110	14-0120	14-0130	14-0140	
15	6				14-0111	14-0122		14-0141	14-0151

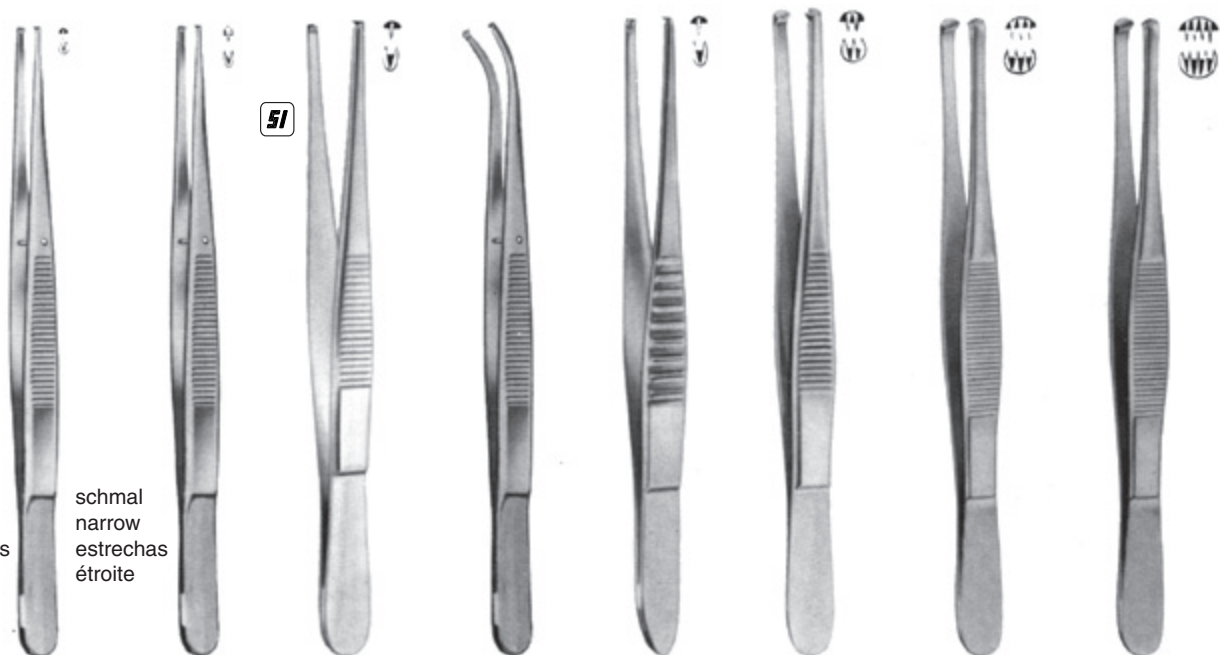
								
cm	in.	ohne Stift without pin	mit Stift with pin		STANDARD		USA	STILLE
10.5	4¼				14-0320			
11.5	4½	14-0311	14-0311S	14-0301	14-0321	14-0351	14-0361	14-0381
13	5	14-0312	14-0312S	14-0302	14-0322	14-0352	14-0362	14-0382
14	5½	14-0313	14-0313S	14-0303	14-0323	14-0343	14-0353	14-0363
15	6	14-0314		14-0304	14-0324		14-0354	14-0364
16	6¼	14-0315	14-0315S	14-0305	14-0325	14-0345	14-0355	
17	6¾							14-0386
18	7	14-0316	14-0316S	14-0307	14-0327	14-0357	14-0367	
20	8	14-0318	14-0318S	14-0308	14-0328	14-0358	14-0368	14-0388
25	10			14-0309	14-0329	14-0359	14-0359	14-0389
30	12	14-0319	14-0319S	14-0310	14-0330	14-0360	14-0370	



cm	in.	1 x 2	1 x 2	1 x 2	MICRO-ADSON 1 x 2	ADSON 1 x 2	ADSON 1 x 2	ADSON 2 x 3	SEMKEN 1 x 2	MC INDOE 1 x 2
10	4	14-0200	14-0201	14-0203						
12	4¾				14-0210	14-0220	14-0223	14-0225	14-0240	14-0250 (2x3)
15	6				14-0211	14-0222			14-0241	14-0251

extra schmal
extra narrow
muy estrechas
très étroite

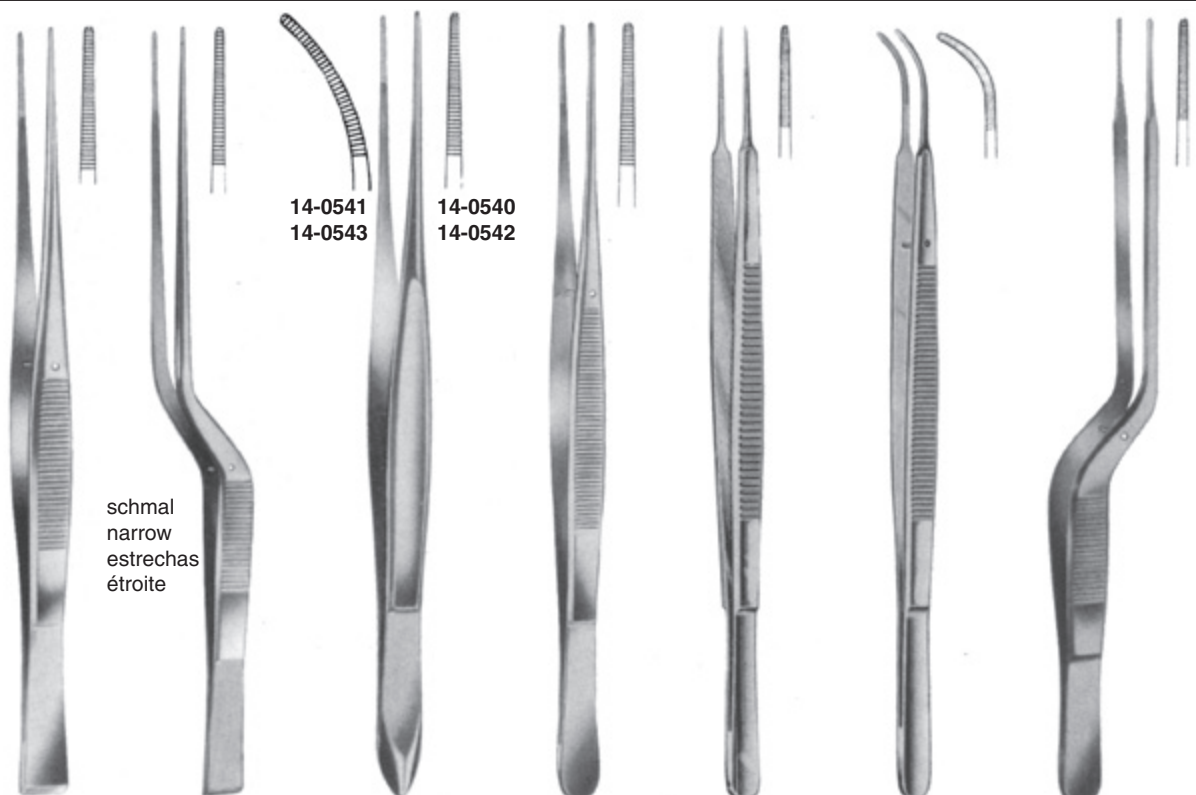
schmal
narrow
estrechas
étroite



cm	in.	1 x 2 ohne Stift without pin	1 x 2 mit Stift with pin	1 x 2	STANDARD 1 x 2	1 x 2	USA 1 x 2	STANDARD 2 x 3	STANDARD 3 x 4	STANDARD 4 x 5
10.5	4¼				14-0420					
11.5	4½	14-0411	14-0411S	14-0401	14-0421	14-0451	14-0461	14-0481		
13	5	14-0412	14-0412S	14-0402	14-0422	14-0452	14-0462	14-0482	14-0492	14-0892
14	5½	14-0413	14-0413S	14-0403	14-0423		14-0463	14-0483	14-0493	14-0893
15	6	14-0414		14-0404	14-0424	14-0454	14-0464	14-0484	14-0494	
16	6¼	14-0415	14-0415S	14-0405	14-0425	14-0455		14-0485	14-0495	14-0895
18	7	14-0416	14-0416S	14-0407	14-0427	14-0457	14-0467	14-0487	14-0497	14-0897
20	8	14-0418	14-0418S	14-0408	14-0428	14-0458	14-0468	14-0488	14-0498	14-0898
25	10			14-0409	14-0429	14-0459	14-0469	14-0489		
30	12	14-0419	14-0419S	14-0410	14-0430	14-0460	14-0470	14-0490		



cm	in.	WAUGH	BROPHY	BROPHY	DUEHRSSSEN	14-0520	14-0521	14-0526	14-0528
18	7	14-0501							
20	8	14-0500	14-0510	14-0511	14-0514				



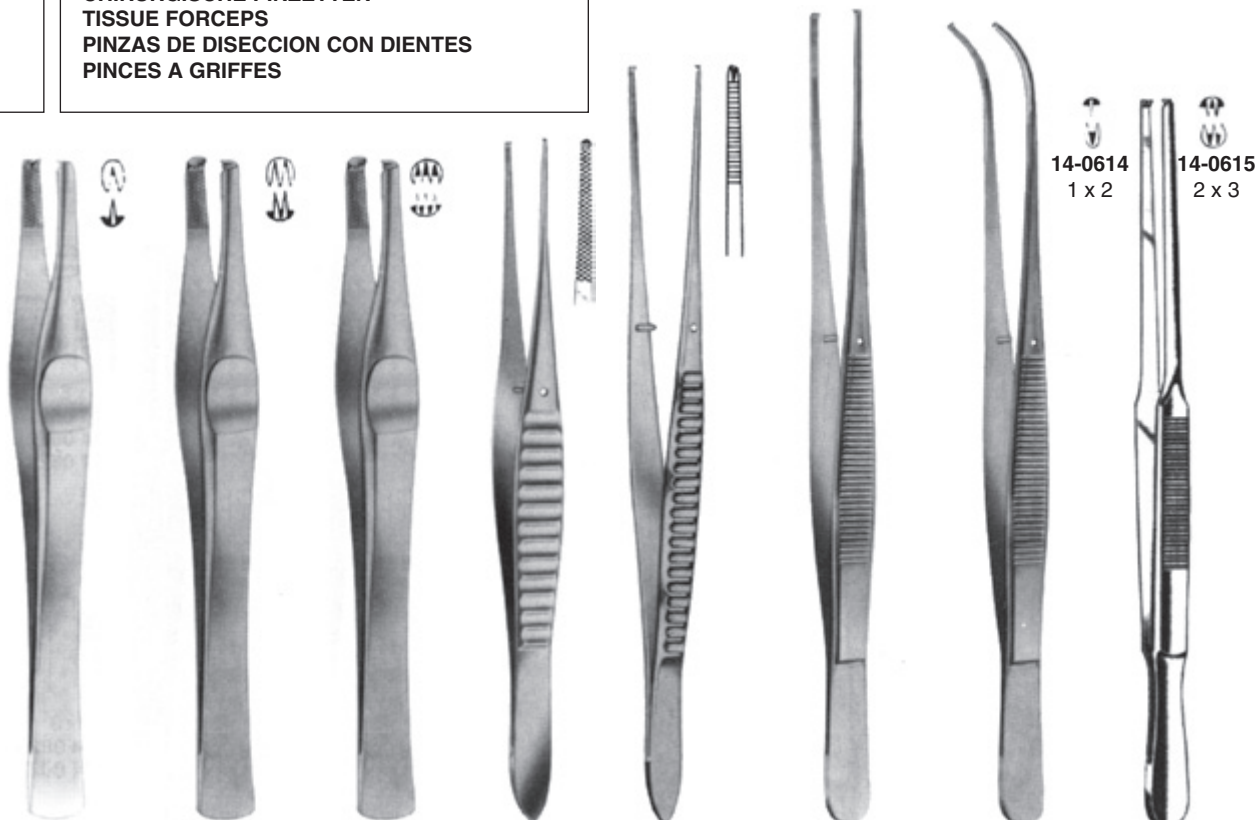
extra schmal
extra narrow
muy estrechas
très étroite

schmal
narrow
estrechas
étroite

14-0541
14-0543

14-0540
14-0542

cm	in.	TAYLOR	TAYLOR	CUSHING	POTTS-SMITH	GERALD	GERALD	GERALD
18	7	14-0530	14-0534	14-0541 14-0540	14-0552	14-0570	14-0571	14-0576
20	8		14-0535					
21	8¼				14-0553			
24	9¼				14-0554	14-0572		
26	10¼				14-0555			
30	12				14-0556			



cm	in.	LANE 1 x 2	LANE 2 X 3	LANE 3 x 4	GILLIES 1 x 2	WAUGH 1 x 2	BROPHY 1 x 2	BROPHY 1 x 2	DUEHRSSSEN
15	6	14-0800	14-0810	14-0822	14-0605				
18	7	14-0802	14-0812			14-0601			
20	8	14-0803	14-0813			14-0600	14-0610	14-0611	14-0614/15
25	10					14-0602			



cm	in.	TAYLOR 1 x 2	TAYLOR 1 x 2	CUSHING 1 x 2	POTTS-SMITH 1 x 2	GERALD 1 x 2	GERALD 1 x 2	GERALD 1 x 2
18	7	14-0630	14-0634	14-0640	14-0652	14-0670	14-0671	14-0676
20	8	14-0631	14-0635					
21	8¼				14-0653			
24	9¼				14-0654			
26	10¼				14-0655			
30	12				14-0656			



GRAEFE
14-1000
 11 cm, 4½"



STONE
14-1010
 15 cm, 6"
 4 x 5 Zähne
 4 x 5 teeth
 4 x 5 dientes
 4 x 5 dents



LERCHE
14-1014
 15 cm, 6"
 5 x 6 Zähne
 5 x 6 teeth
 5 x 6 dientes
 5 x 6 dents



NELSON
14-1020 15 cm, 6"
14-1021 18 cm, 7"
14-1022 23 cm, 9"
 6 x 7 Zähne
 6 x 7 teeth
 6 x 7 dientes
 6 x 7 dents



ADLERKREUTZ
14-0620 14 cm, 5½"
14-0622 20 cm, 8"
14-0624 25 cm, 10"
14-0626 15 cm, 6"
14-0627 20 cm, 8"



STILLE-BARRAYA
14-0680 18 cm, 7"
14-0682 20 cm, 8"
14-0684 25 cm, 10"



BROWN-ADSON
14-1040 12 cm, 4¾"
14-1042 15 cm, 6"
 7 x 7 Zähne
 7 x 7 teeth
 7 x 7 dientes
 7 x 7 dents



BROWN-ADSON
14-1041
 12 cm, 4¾"
 7 x 7 Zähne
 7 x 7 teeth
 7 x 7 dientes
 7 x 7 dents



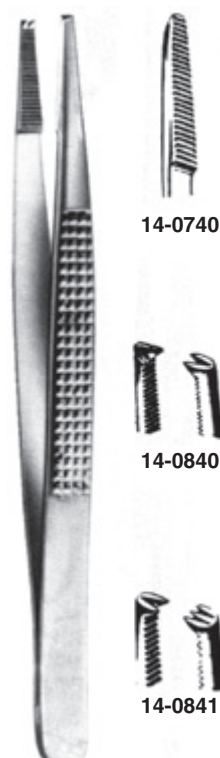
BROWN
14-1050 15 cm, 6"
14-1051 20 cm, 8"
14-1052 25 cm, 10"



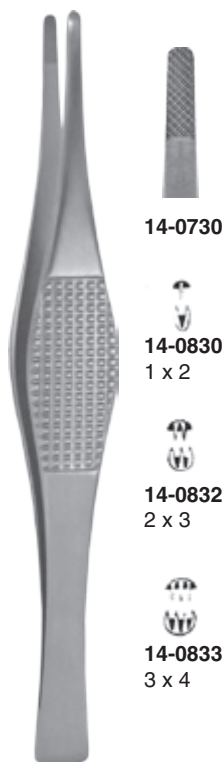
CUSHING-BROWN
14-1060
 18 cm, 7"



CUSHING-BROWN
14-1061
 18 cm, 7"



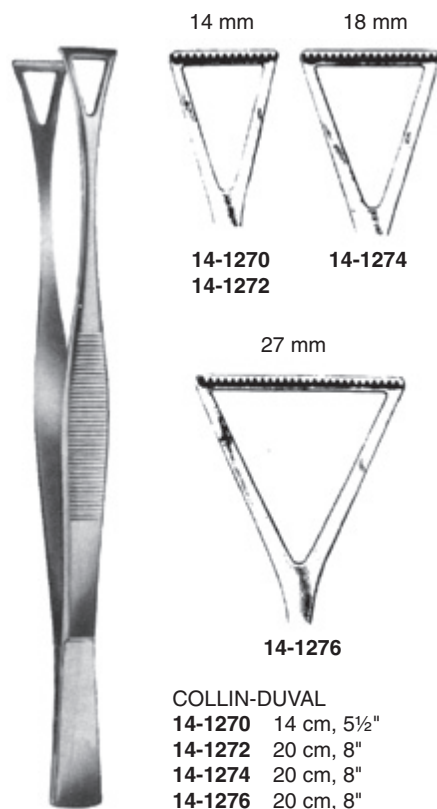
BONNEY
18 cm, 7"



RAMSEY-FERRIS SMITH
17 cm, 6½"



TREVES
14-1008 13 cm, 5"
14-1009 15 cm, 6"



COLLIN-DUVAL
14-1270 14 cm, 5½"
14-1272 20 cm, 8"
14-1274 20 cm, 8"
14-1276 20 cm, 8"



KUEHNE
14-1820
10.5 cm
Deckglaspinzette, glatt
Cover Glass Forceps, smoth
Pinza Porta-Objetos, liso

14-1821
10.5 cm
Deckglaspinzette, kreuzgerieft
Cover Glass Forceps, criss-cross serrated
Pinza Porta-Objetos, con dientes



CRAFOORD
14-1100
24 cm, 9½"



SINGLEY-TUTTLE
14-1260 18 cm, 7"
14-1264 23 cm, 9"



DAVIS
14-1256
25 cm, 10"



RUSS. MODELL
14-1250 15 cm, 6"
14-1252 20 cm, 8"
14-1254 25 cm, 10"



DURANTE 
14-1280 14,5 cm, 5½"
14-1282 16 cm, 6¼"
14-1284 20 cm, 8"



MAYO
14-1258
23 cm, 9"



WANGENSTEEN
14-1266 15 cm, 6"
14-1268 23 cm, 9"



3.5 mm



DEBAKEY

14-1238 19.5 cm, 7¾"
14-1239 24 cm, 9½"



2.7 mm



DEBAKEY

14-1230 15 cm, 6"
14-1232 19.5 cm, 7¾"
14-1234 24 cm, 9½"
14-1236 30 cm, 12"



2.0 mm



DEBAKEY

14-1200 15 cm, 6"
14-1202 19.5 cm, 7¾"
14-1204 24 cm, 9½"
14-1206 30 cm, 12"



1.5 mm



DEBAKEY

14-1210 15 cm, 6"
14-1212 19.5 cm, 7¾"
14-1214 24 cm, 9½"



2.0 mm



14-1220
14-1222
14-1224

2.7 mm



14-1226

DEBAKEY

14-1220 15 cm, 6"
14-1222 19.5 cm, 7¾"
14-1224 24 cm, 9½"
14-1226 31.5 cm, 12½"



2.0 mm



14-1240

3.0 mm



14-1241
14-1242
14-1244

COOLEY

14-1240 15 cm, 6"
14-1241 15 cm, 6"
14-1242 19.5 cm, 7¾"
14-1244 24 cm, 9½"



HUNTER
14-1500
 10.5 cm, 4 1/4"



HUNTER
14-1501
 10.5 cm, 4 1/4"



WALTER-CARMALT
14-1506
 10.5 cm, 4 1/4"



WALTER-CARMALT
14-1507
 10.5 cm, 4 1/4"



14-1510 9 cm, 3 1/2"
14-1511 11 cm, 4 1/2"
14-1512 13 cm, 5"
14-1513 14 cm, 5 1/2"
14-1514 16 cm, 6 1/4"



14-1520
14-1521
14-1522
14-1523



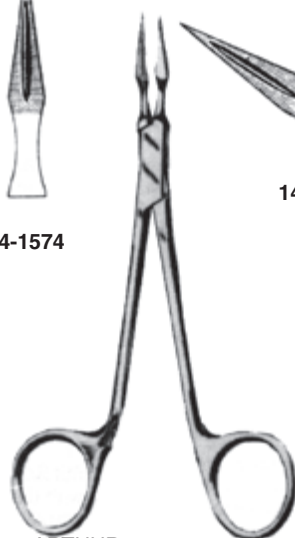
FEILCHENFELD
14-1530 7.5 cm, 3"
14-1531 11.5 cm, 4 1/2"
14-1532 9 cm, 3 1/2"



RALK-VIRTUS
14-1580
 15 cm, 6"



14-1574

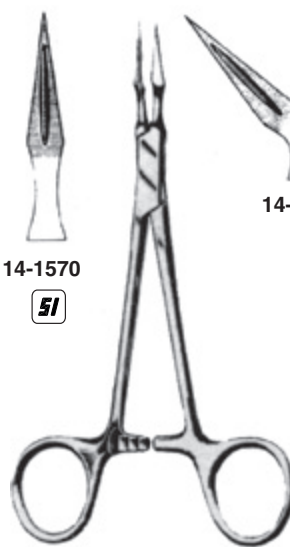


ARTHUR
14-1574 14 cm, 5 1/2"
14-1575 14 cm, 5 1/2"

14-1575



14-1570



STIEGLITZ
14-1570 14 cm, 5 1/2"
14-1571 14 cm, 5 1/2"

14-1571



PEET
14-1560
 11.5 cm, 4 1/2"



N° 3
14-1541
11.5 cm, 4 1/2"



N° 3C
14-1542
10.5 cm, 4 1/4"



N° 4
14-1543
11 cm, 4 1/4"



N° 5
14-1544
11 cm, 4 1/4"



N° 7
14-1545
11.5 cm, 4 1/2"



14-1800
8.5 cm, 3 1/2"



14-1801
8.5 cm, 3 1/2"



14-1804
8.5 cm, 3 1/2"



14-1806
9 cm, 3 3/4"



14-1811
8.5 cm, 3 1/2"



14-1812
10 cm, 4"



14-1813
10 cm, 4"



cm	In.				
13	5¼	14-0382	14-2021	14-2031	14-2041
15	6	14-0384	14-2022	14-2032	14-2042
17	6¾	14-0386	14-2024	14-2033	14-2043
20	8	14-0388	14-2025	14-2034	14-2044



14-2130 15 cm, 6"
14-2131 20 cm, 8"



CRAFOORD
14-2140
 20 cm, 8"



WAUGH
14-2150
 20 cm, 8"



TICK FORCEPS
14-1534
 8 cm, 3¼"



TICK FORCEPS
14-1535
 11 cm, 4¼"



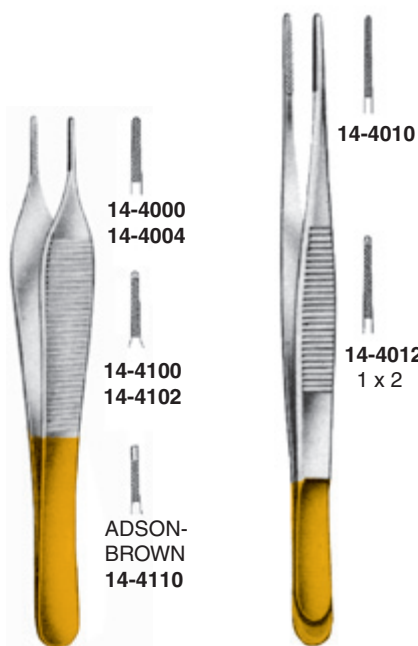
- Eingesetzte TUNGSTENGRIP-Einlagen aus extrem harter Wolframlegierung
- TUNGSTENGRIP Inserts of extremely hard Tungsten Carbide alloy
- Filos insertados TUNGSTENGRIP, una aleación dura de carburo de tungsteno
- Les plaquettes insérées TUNGSTENGRIP sont en alliage très dur, carbure de tungstène



- Instrumente mit Hartmetalleinsatz in Maul oder Schneide
- Instruments with Tungsten Carbide plates or cutting edges
- Instrumentos con boca o corte de carburo de tungsteno
- instruments à mors ou lames en carbure de tungstène

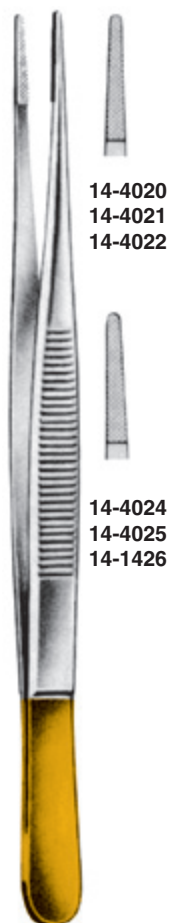


- Sicheres und schonendes Fassen von Gefässen, Geweben und Nahtmaterial
- Griffiges, geschliffenes Dauerprofil
- Firm and gentle grip of vessels, tissues and sutures
- Firm grip by diamond cut precision teeth
- Agarre seguro y delicado de vasos, tejidos y sutures
- Perfil agarrante duradero garantizado
- Prise sûre et non traumatisante de tissus, vaisseaux et du matériel de suture
- Garantie d'un profil antidérapant toujours parfait



ADSON(-BROWN)
14-4000 12 cm, 4¾"
14-4100 12 cm, 4¾"
14-4004 15 cm, 6"
14-4102 15 cm, 6"
14-4110 12 cm, 4¾"

SEMKEN
14-4010
15 cm, 6"
mit Schaberende
with dissector end
con cabo disecador
avec bout dissecteur



14-4020 13 cm, 5"
14-4021 14 cm, 5½"
14-4022 15 cm, 6"
14-4024 18 cm, 7"
14-4025 20 cm, 8"
14-4026 25 cm, 10"



EVANS
14-4030
25 cm, 10"



POTTS-SMITH
14-4040 16 cm, 6¼"
14-4042 18 cm, 7"
14-4043 21 cm, 8¼"
14-4044 23 cm, 9½"
14-4045 25 cm, 10"

mit Schaberende
with dissector end
con cabo disecador
avec bout dissecteur



WANGENSTEEN
14-4060 15 cm, 6"
14-4066 23 cm, 9"
14-4068 25 cm, 10"



CUSHING
14-4050
18 cm, 7"



TAYLOR-CUSHING
14-4055
18 cm, 7"

mit Schaberende
with dissector end
con cabo disecador
avec bout dissecteur



CUSHING
14-4051
18 cm, 7"



GERALD
14-4070
18 cm, 7"

14-4072
18 cm, 7"



OEHLER
14-4121 14 cm, 5½"
14-4122 16 cm, 6½"
14-4123 18 cm, 7"
14-4124 20 cm, 8"
14-4126 25 cm, 10"



14-4121



14-4122



14-4123



14-4124



14-4125



CHITWOOD-DEBAKEY

14-4180 15 cm, 6"
14-4182 19.5 cm, 8"
14-4184 24 cm, 9½"



CHITWOOD-DEBAKEY

cm	in.			
15	6	14-4190	14-4200	
19.5	8	14-4192	14-4202	14-4212
24	9½	14-4194	14-4204	14-4214

2.0 mm

2.7 mm

3.5 mm



JACOBSON
36-0100
 10 cm, 4"



JACOBSON
36-0105
 12 cm, 4¾"



JACOBSON
36-0110
 16 cm, 6¼"



JACOBSON
36-0115
 15 cm, 6"



JACOBSON
36-0120
 23 cm, 9"



JACOBSON
36-0125
 16.5 cm, 6½"



JACOBSON
36-0130
 14 cm, 5½"

extra feine Spitzen
 extra fine tips
 puntas extra fina
 pointes très fines



36-0150
 16 cm, 6¼"

feine Spitzen
 fine tips
 puntas fina
 pointes fines



36-0151
 16 cm, 6¼"



LAZAR
36-0160 15.5 cm, 6", 0,5 mm
36-0161 15.5 cm, 6", 0,8 mm
36-0165 18.5 cm, 7¼", 0,5 mm

extra feine Spitzen
 extra fine tips
 puntas extra fina
 pointes très fines



YASARGIL
36-0170 16 cm, 6¼"
36-0172 19 cm, 7½"
36-0174 22.5 cm, 9"
 0.4 mm



YASARGIL
36-0171 16 cm, 6¼"
36-0173 19 cm, 7½"
36-0175 22.5 cm, 9"
 0.8 mm

feine Spitzen
 fine tips
 puntas fina
 pointes fines



WISE
36-0090
 13.5 cm, 5¼"



36-0091
 13.5 cm, 5¼"



BLAKE
14-1304
11 cm, 4½"
sehr fein
very delicate
muy delicada
trés fine



WILDE
14-1300
12 cm, 4¾"



WILDE
14-1400
12 cm, 4¾"
1 x 2 Zähne
1 x 2 teeth
1 x 2 dientes
1 x 2 dents



WILDE
14-1320
13 cm, 5"



WILDE
14-1420
13 cm, 5"
1 x 2 Zähne
1 x 2 teeth
1 x 2 dientes
1 x 2 dents



LUCAE
14-1330
14 cm, 5½"



JANSEN
14-1340
16 cm, 6¼"





14-1410
15 cm, 6"



glatt
smooth
lisa
lisses

14-1360
19 cm, 7½"



GRUENWALD
14-1344 19.5 cm, 8"
14-1346 21 cm, 8¼"



GRUENWALD
14-1444 19.5 cm, 8"
14-1446 21 cm, 8¼"



COTTLE
45-1210
11.5 cm, 4½"



EVANS
45-1216
15 cm, 6"



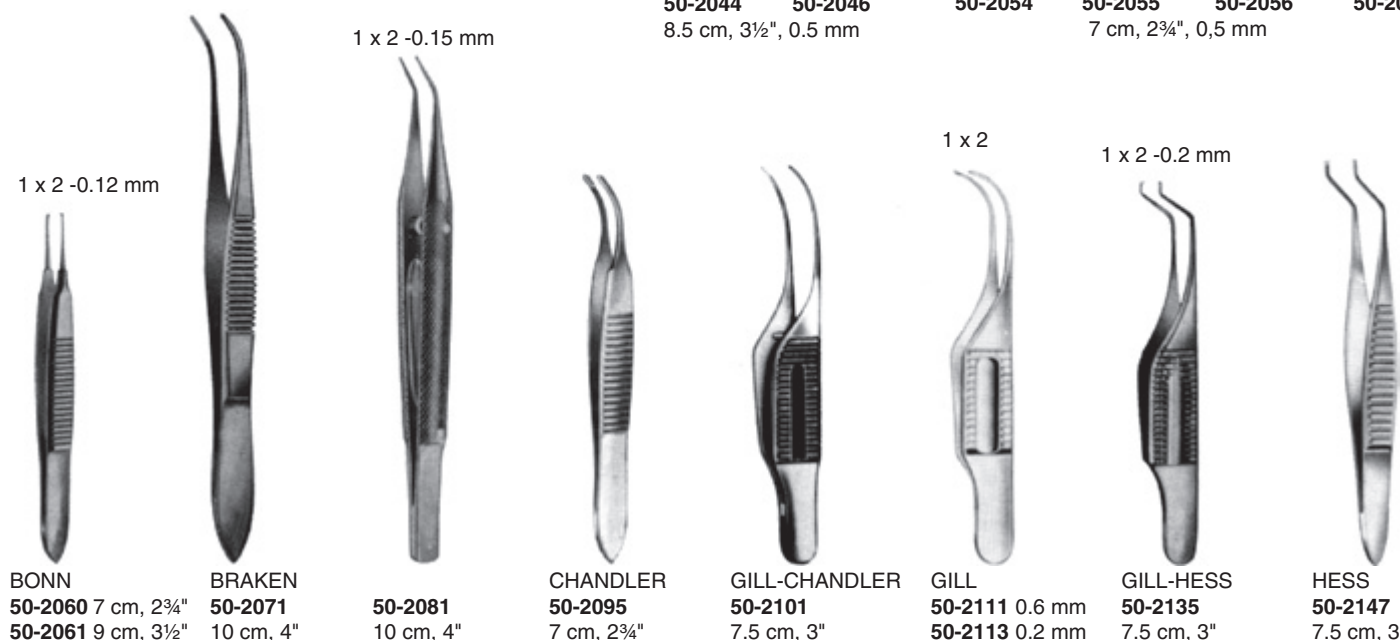
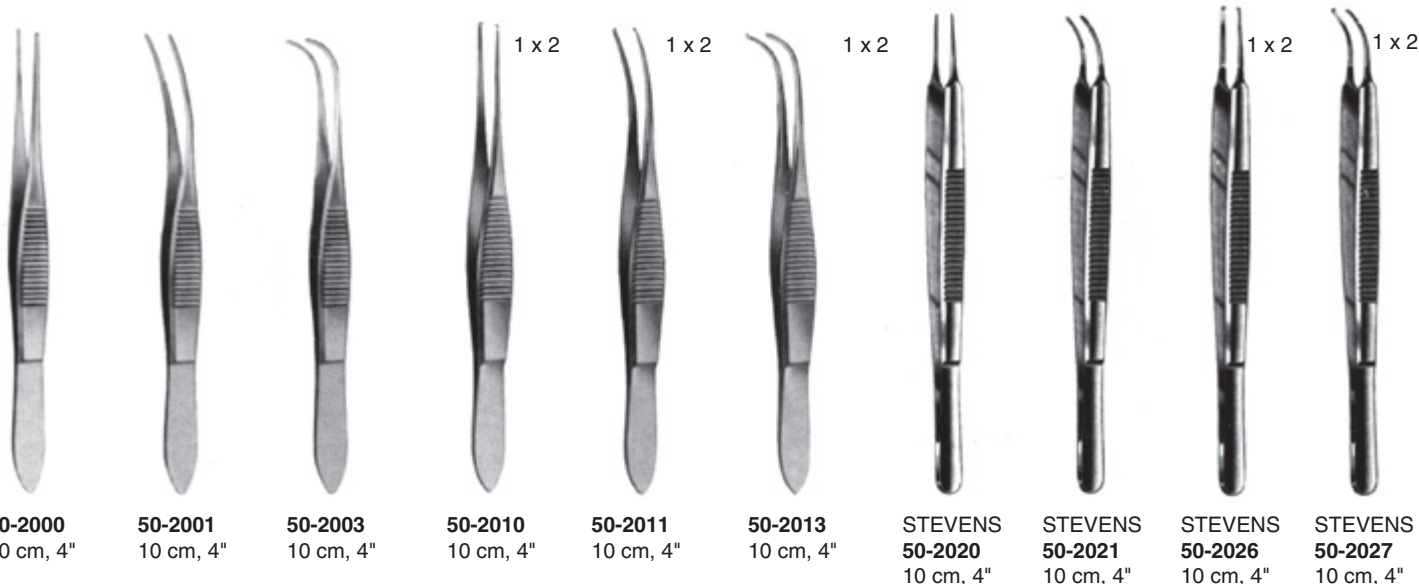
COTTLE
45-1200
14 cm, 5½"



BROWN-ADSON
14-1040
12 cm, 4¾"



BROWN-ADSON
14-1041
12 cm, 4¾"





GREEN
50-2220 5 mm
50-2221 9 mm
50-2222 12.5 mm
 10 cm, 4"



GREEN
50-2224 5 mm
50-2225 9 mm
50-2226 12.5 mm
 10 cm, 4"



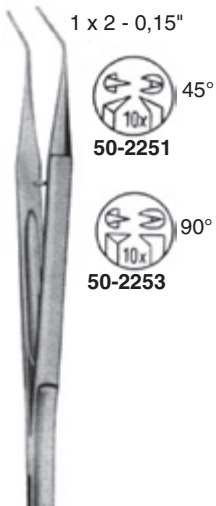
TROUTMAN-LLOVERA
50-2236
 9 cm, 3½"



ELSCHNIG
50-2242
 11 cm, 4½"



ELSCHNIG-O'BRIEN
50-2246
 11 cm, 4½"



KIRBY-ARTHUR
 10 cm, 4½"



CASTROVIEJO
50-2262
 9 cm, 3½"



CASTROVIEJO
50-2263
 9 cm, 3½"



LESTER
50-2270 1 x 2
50-2272 2 x 3
 9 cm, 3½"



THORPE
50-2276
 9 cm, 3½"



SAUER
50-2278
 7 cm, 2¾"



BRACKEN
50-2281
 9 cm, 3½"



CASTROVIEJO
50-2300 0.15 mm
50-2302 0.3 mm
50-2304 0.5 mm
50-2306 0.9 mm
 11 cm, 4½"



CASTROVIEJO
50-2310 0.15 mm
50-2312 0.3 mm
50-2314 0.5 mm
50-2316 0.9 mm
50-2318 1.5 mm
 10 cm, 4"



CASTROVIEJO
50-2315 0.5 mm
50-2317 0.9 mm
50-2319 1.5 mm
 10 cm, 4"



PAUFIQUE
50-2320
8 cm, 3 1/4"



MCPHERSON
50-2334
10 cm, 4"



MCPHERSON
50-2335
10 cm, 4"



THORPE
50-2510
11 cm, 4 1/2"



JUDD
50-2460
9 cm, 3 1/2"



BONACCOLTO
50-2450 1,2 mm
50-2452 1,7 mm
50-2454 2,4 mm
10 cm, 4"



BONACCOLTO
50-2458
8 cm, 3 1/4"



HARMS-TUEBINGEN
50-2360 **50-2361**
10 cm, 4"



BARRAQUER
50-2366
11 cm, 4 1/2"



WALTON
50-2367
11 cm, 4 1/2"



PATON
50-2370
8 cm, 3 1/4"



WILLS
50-2410
11 cm, 4 1/2"



MC COULLOUGH
50-2420 **50-2422**
10 cm, 4"



1 x 2



NUGENT
50-2425 **50-2427**
10 cm, 4"



ALABAMA
50-2440
9 cm, 3 1/2"

1 x 2 - 0.28 mm

1 x 2 - 0.14 mm



PIERSE
50-2372
8 cm, 3 1/4"



PIERSE
50-2373
8 cm, 3 1/4"



PIERSE-COLIBRI
50-2379
7.5 cm, 3"



COLIBRI
8 cm, 3 1/4"



50-2343



SCHAAF
50-2520
9 cm, 3½"



DOUGLAS
50-2530
9 cm, 3½"



LITTAUER
50-2532
8.5 cm, 3½"



ZIEGLER
50-2534
9 cm, 3½"



BEER
50-2536
9 cm, 3½"



BARRAQUER
50-2540
10.5 cm, 4¼"



HENRY
50-2550
12 cm, 4¾"



BEAUPRÉ
50-2555
12 cm, 4¾"



GRADLE
50-2558
9.5 cm, 3¾"



KALT
50-2601
10 cm, 4"



CASTROVIEJO
50-2611
10 cm, 4"



CASTROVIEJO
50-2615
10 cm, 4"



ARRUGA-STAND
50-2621
10 cm, 4"



ARRUGA
50-2625
10 cm, 4"



ARRUGA
50-2631
9 cm, 3½"



ELSCHING
50-2641
10 cm, 4"



CLARK-VERHOEFF
50-2660
10 cm, 4"



VERHOEFF
50-2664
8 cm, 3¼"



SCHWEIGER
50-2671
10 cm, 4"



TERSON
50-2673
9 cm, 3½"



WILLS
50-2675
9 cm, 3½"



FUCHS
50-2677
7 cm, 2¾"



EXTRA
50-2681
10 cm, 4"



LAMBERT
50-3100
9 cm, 3½"



DESMARRES
50-3110 13 x 20 mm
50-3111 13 x 25 mm
50-3112 17 x 30 mm
9 cm, 3½"



HUNT
50-3120
9 cm, 3½"



HEATH
 50-3126 16 mm Ø
 50-3128 11 mm Ø
 9 cm, 3½"



FRANCIS
 50-3140
 9 cm, 3½"



CAUER
 50-3142
 10 cm, 4"



LORDAN
 50-3146
 9 cm, 3½"



KNAPP
 50-3200
 11 cm, 4½"



PRINCE
 50-3210
 9 cm, 3½"



50-3300
 Kinder
 children
 niños
 enfants

50-3301
 Erwachsene
 adults
 adultos
 adultes

JAMESON
 10 cm, 4"



50-3302
 Kinder
 children
 niños
 enfants

50-3303
 Erwachsene
 adults
 adultos
 adultes

JAMESON
 10 cm, 4"



PRINCE
 50-3311
 10 cm, 4"



PRINCE
 50-3310
 10 cm, 4"



BERENS
 50-3315
 10 cm, 4"



WORTH
 50-3320
 10 cm, 4"



WORTH
 50-3321
 10 cm, 4"



SATTLER
 50-3322
 10 cm, 4"



SATTLER
 50-3322
 10 cm, 4"



BERKE
 50-3340
 20 mm

50-3341
 27 mm



SNELLEN
 50-3230
 10 cm, 4"



SNELLEN
 50-3231
 10 cm, 4"

DUMONT Suisse handmade high precision tweezers



Fig	0	1	2	2A	3	3C
HP	Z03-102-0	Z03-102-1	Z03-102-2	Z03-102-2A	Z03-102-3	Z03-102-3C
BIO						
MED		Z03-508-1	Z03-508-2		Z03-508-3	
HP DUMOXEL						
BIO DUMOXEL						

DUMONT Suisse handmade high precision tweezers



Fig	4	5	5/45°	5/90°	7	55
HP	DUM-102-4	DUM-102-5	DUM-102-5/45		DUM-102-7	
BIO	DUM-202-4	DUM-202-5	DUM-202-5/45		DUM-202-7	DUM-102-3C
MED	DUM-508-4	DUM-508-5	DUM-508-5/45	DUM-508-5/90	DUM-508-7	
HP DUMOXEL		DUM-103-5			DUM-103-7	
BIO DUMOXEL		DUM-203-5			DUM-203-7	