

NARZĘDZIA CHIRURGICZNE SURGICAL INSTRUMENTS



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40 lat doświadczenia

40 lat doświadczenia

Historia marki sięga roku 1981, kiedy przez Mikołaja Charkiewicza zostaje powołana do życia firma ChM. W roku 1985 rozpoczęto prace związane z produkcją prostych narzędzi chirurgicznych, a rok później, w 1986 r., powołano biuro projektowe, którego zadaniem było opracowywanie konstrukcji i technologii wytwarzania wyrobów stosowanych w ortopedii i traumatologii. Choć dostępna w tym czasie w Polsce wiedza na temat materiałów, technologii czy funkcjonowania narzędzi medycznych była bardzo ograniczona, już na początku lat 90-tych firma rozpoczęła produkcję pierwszych prostych implantów metalowych. W roku 2004 firma przekształciła się w jednostkę z osobowością prawną pod nazwą ChM spółka z ograniczoną odpowiedzialnością.

Obecny sukces firmy zawdzięczamy początkowym ograniczeniom. To one stały się przyczynkiem do ciągłych poszukiwań, samokształcenia oraz tworzenia własnej bazy badawczej. Dzisiejsza współpraca obejmuje zarówno środowisko medyczne jak i instytucje badawcze w kraju i zagranicą. 40 lat doświadczeń nauczyło nas słuchać i reagować na potrzeby dynamicznie rozwijającej się medycyny. Cały ten okres to rozwój oparty na relacjach wzajemnego zaufania. To właśnie dzięki nim możemy rozbudowywać portfolio naszych produktów.

Oferowane przez nas narzędzia to najwyższej jakości wyroby medyczne, wytwarzane zgodnie z obowiązującą wersją norm EN ISO 9001:2015 oraz EN ISO 13485:2016 i zgodnie z Dyrektywą 93/42/EEC dotyczącą produktów medycznych.

Narzędzia są w specjalny sposób oznakowane kodem DATAMATRIX. Zapewnia to:

- monitorowanie miejsca znajdowania się danego narzędzia
- śledzenie narzędzia na drodze szpital-sterylizatornia
- zawarcie pełnej informacji o wyrobie na małej powierzchni
- oszczędność czasu przy organizacji pracy szpitala.

40 years of experience

The history of the brand dates back to 1981, when Mr. Mikołaj Charkiewicz established the ChM company. In 1985 the production of first simple surgical instruments had started and a year after, in 1986, the design department was created. Its main task was to develop the design and manufacture technology of products used in orthopedics and traumatology. Although the available knowledge about materials, technology or functioning of medical tools was limited back then in Poland, the production of first simple metal implants was started in the beginning of the 1990s. In 2004, the company transformed into the ChM limited liability company.

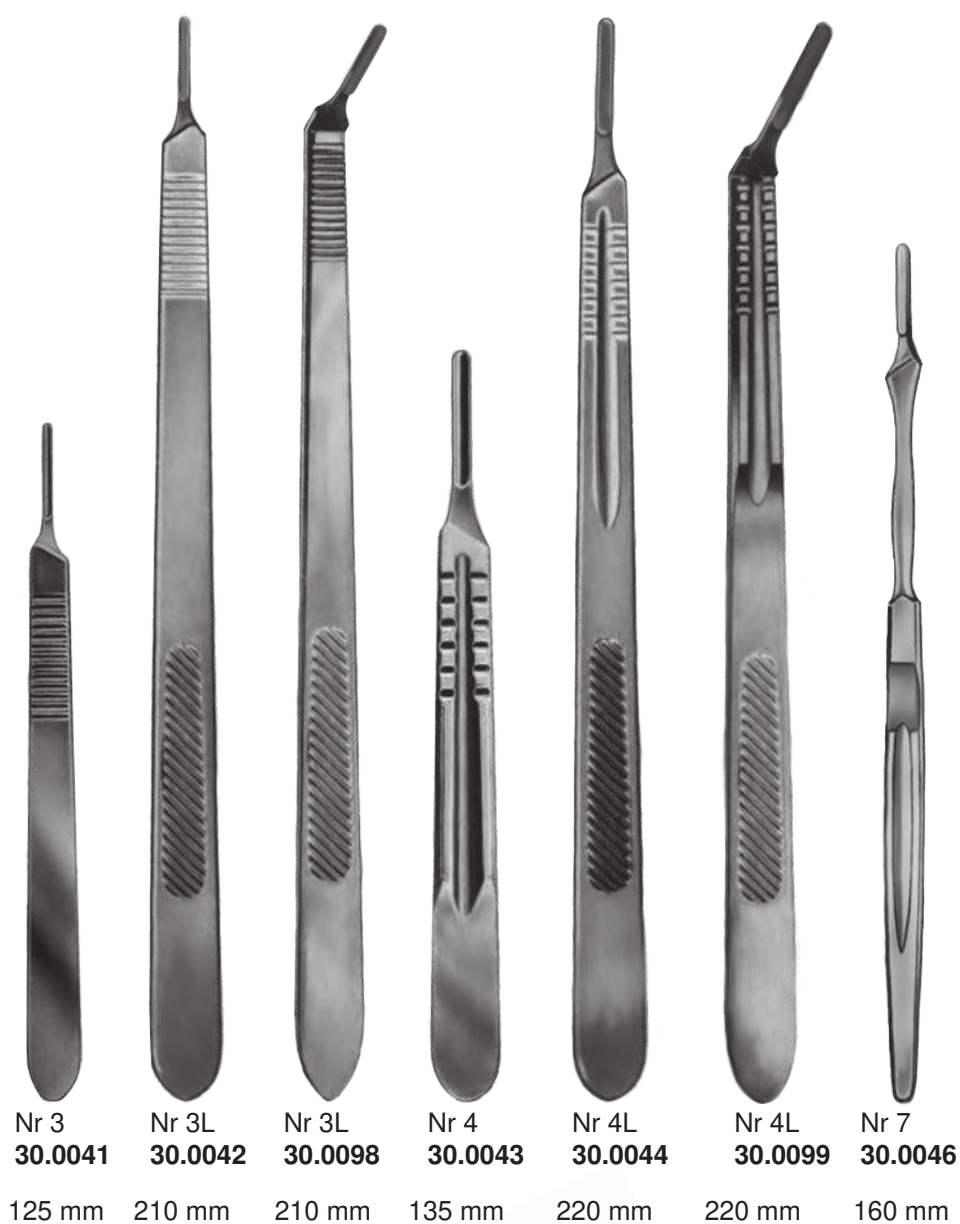
We owe this success of the company to the initial limitations. These limitations contributed to constant search, self-education and creation of own research base. Today's cooperation incorporates both medical environment and research institutions in the country and abroad. 40 years of experience has taught us to listen and respond to the needs of dynamically developing medicine. This whole period was a time of development based on mutual trust. Thanks to this kind of relationship we are able to expend our product portfolio by creating a new solution.

The instruments we offer are medical devices of the highest quality manufactured in accordance with the applicable version of EN ISO 9001:2015 and EN ISO 13485:2016 and in accordance with Directive 93/42/EEC concerning medical products. Our instruments are marked in a special way with DATAMATRIX code. The code provides:

- monitoring of a particular instrument's location
- tracking an instrument on the hospital - sterilization path
- providing full information about a product on a small area
- saving time in the organization of hospital work.

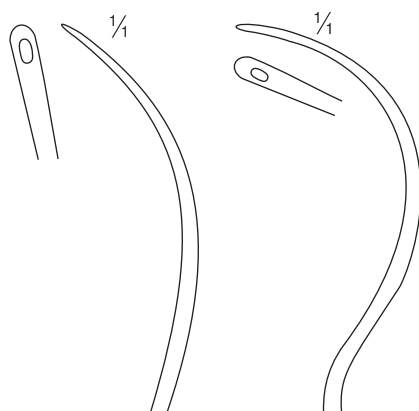


CHIRURGIA OGÓLNA / GENERAL SURGERY



30.4350

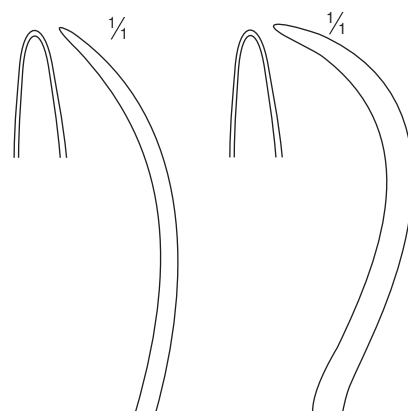
Uchwyt do zdejmowania ostrza
Scalpel blade remover



30.4160

30.4161

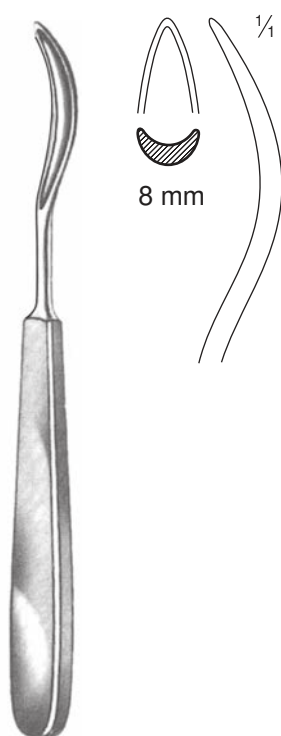
Brunner
300 mm



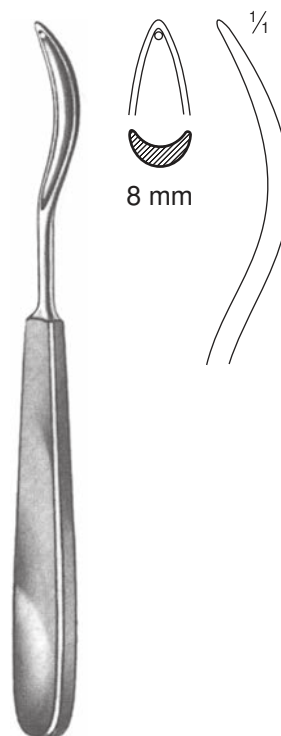
30.4162

30.4163

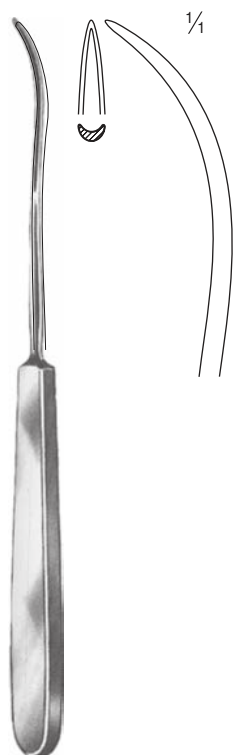
Brunner
300 mm



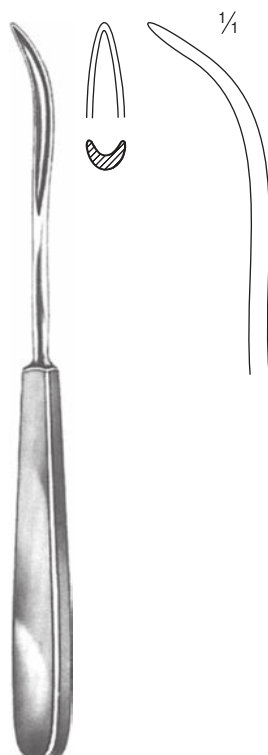
Schmieden
30.4164
190 mm



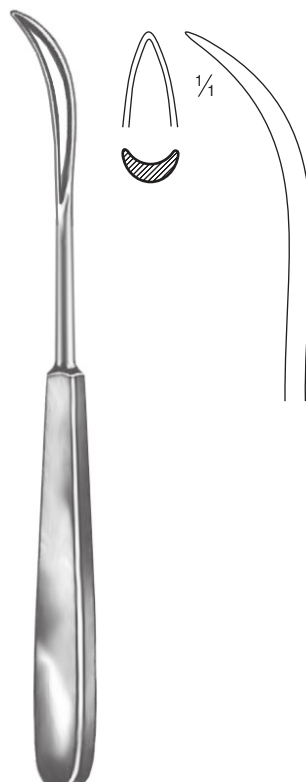
Schmieden-Payr
30.4165
190 mm



König
30.4166
195 mm



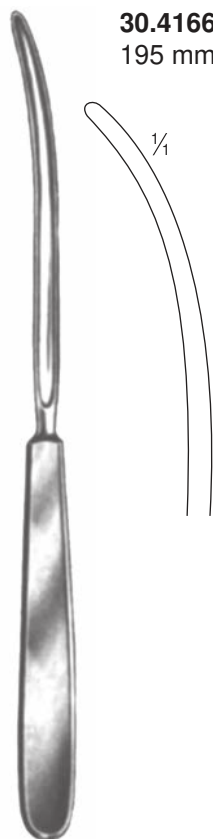
König
30.4167
195 mm



König
30.4168
200 mm



Payr
30.4184
220 mm



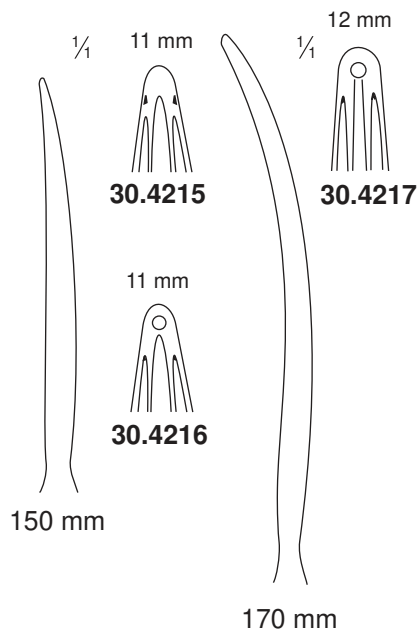
Payr
30.4185
220 mm



30.4186
195 mm



Kocher





Reverdin
140 mm



30.4187



30.4188



30.4189



30.4190



Reverdin



30.4191
195 mm



30.4192
195 mm



30.4193
195 mm



30.4194
195 mm



30.4195
225 mm



30.4196
225 mm



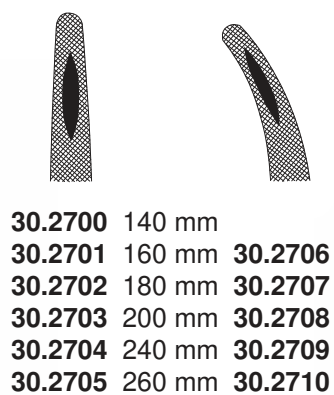
30.4197
225 mm



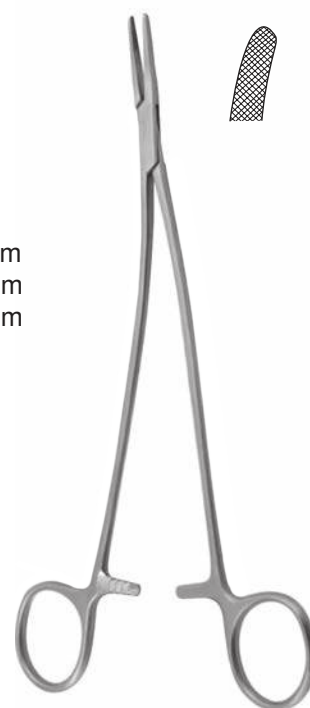
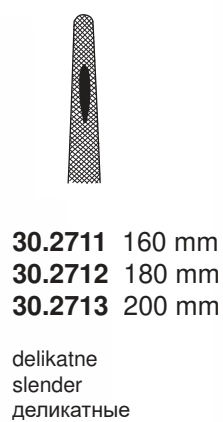
30.4198
225 mm



Mayo-Hegar

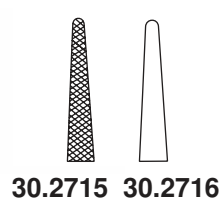
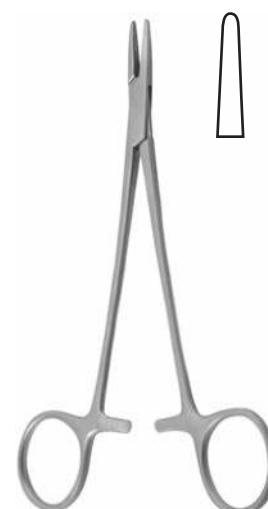
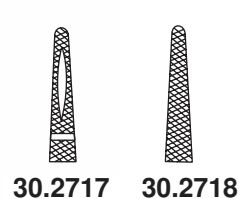


Mayo-Hegar



Stratte

30.2714
230 mm

Halsey
130 mm

Crile-Wood
150 mm

Webster
30.2719
130 mm



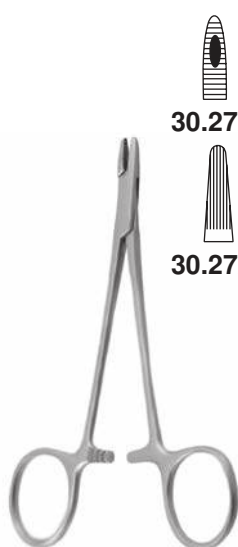
Collier
30.2720
125 mm



M.G.H
30.2721
170 mm



Sarot
30.2722 180 mm
30.2723 260 mm

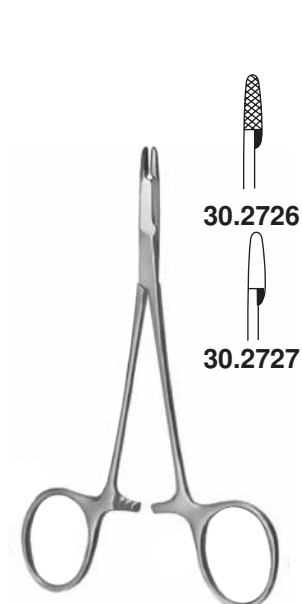


Derf
125 mm



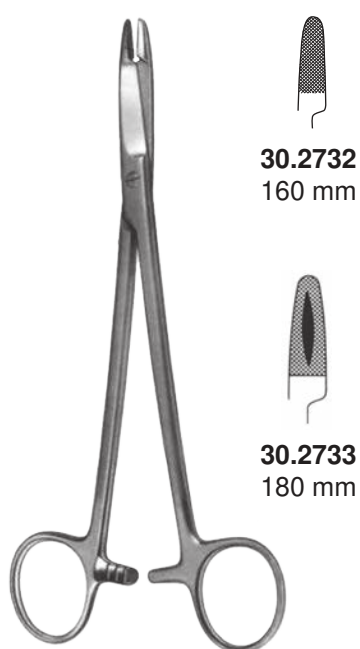
Brown
30.2730 130 mm
30.2731 180 mm

igłotrzymacze z nożyczkami • needle holders with scissors • иглодержатели с ножницами


Baby-Olsen-Hegar

115 mm


Olsen-Hegar
30.2728
140 mm

Gillies
30.2729
160 mm

Olsen-Hegar
30.2732
160 mm

30.2733
180 mm

Olsen-Hegar
30.2680
140 mm

Olsen-Hegar
30.2681
170 mm



30.2734 150 mm
30.2735 180 mm
30.2736 200 mm
30.2737 230 mm

Crile-Wood



30.2738
180 mm

Adson

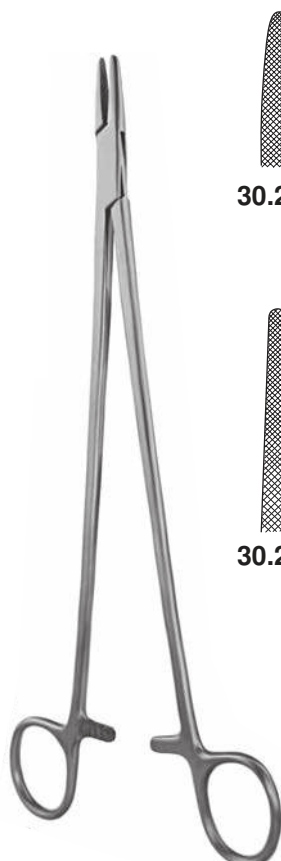


30.2739
150 mm

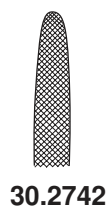
Crile



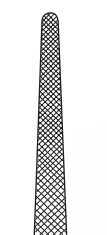
Heaney
30.2740 210 mm
30.2741 260 mm



Wangensteen
270 mm



30.2742



30.2743



Finochietto
30.2744
270 mm



Masson
30.2745
270 mm



30.2746 170 mm
30.2747 200 mm



30.2748 170 mm
30.2749 200 mm

Mathieu



30.2750 140 mm **30.2753**
30.2751 170 mm **30.2754**
30.2752 200 mm **30.2755**

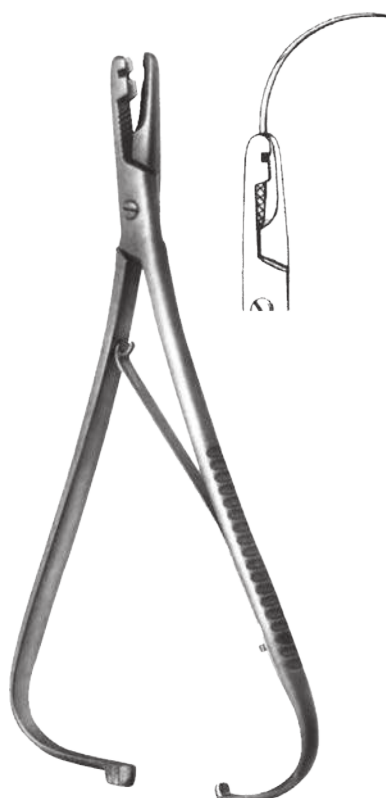


30.2756 140 mm
30.2757 170 mm

Mathieu



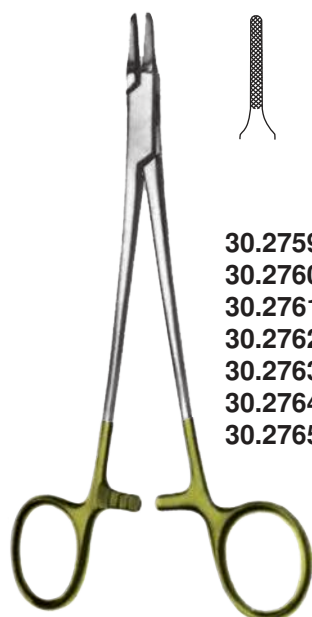
Hegar-Baum
30.2758
140 mm



Ermold
30.2683
170 mm



Jameson
30.2684
230 mm



French

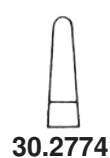
30.2759	130 mm	1,2 mm
30.2760	145 mm	1,4 mm
30.2761	160 mm	1,5 mm
30.2762	180 mm	1,7 mm
30.2763	200 mm	2,0 mm
30.2764	230 mm	2,2 mm
30.2765	260 mm	2,4 mm

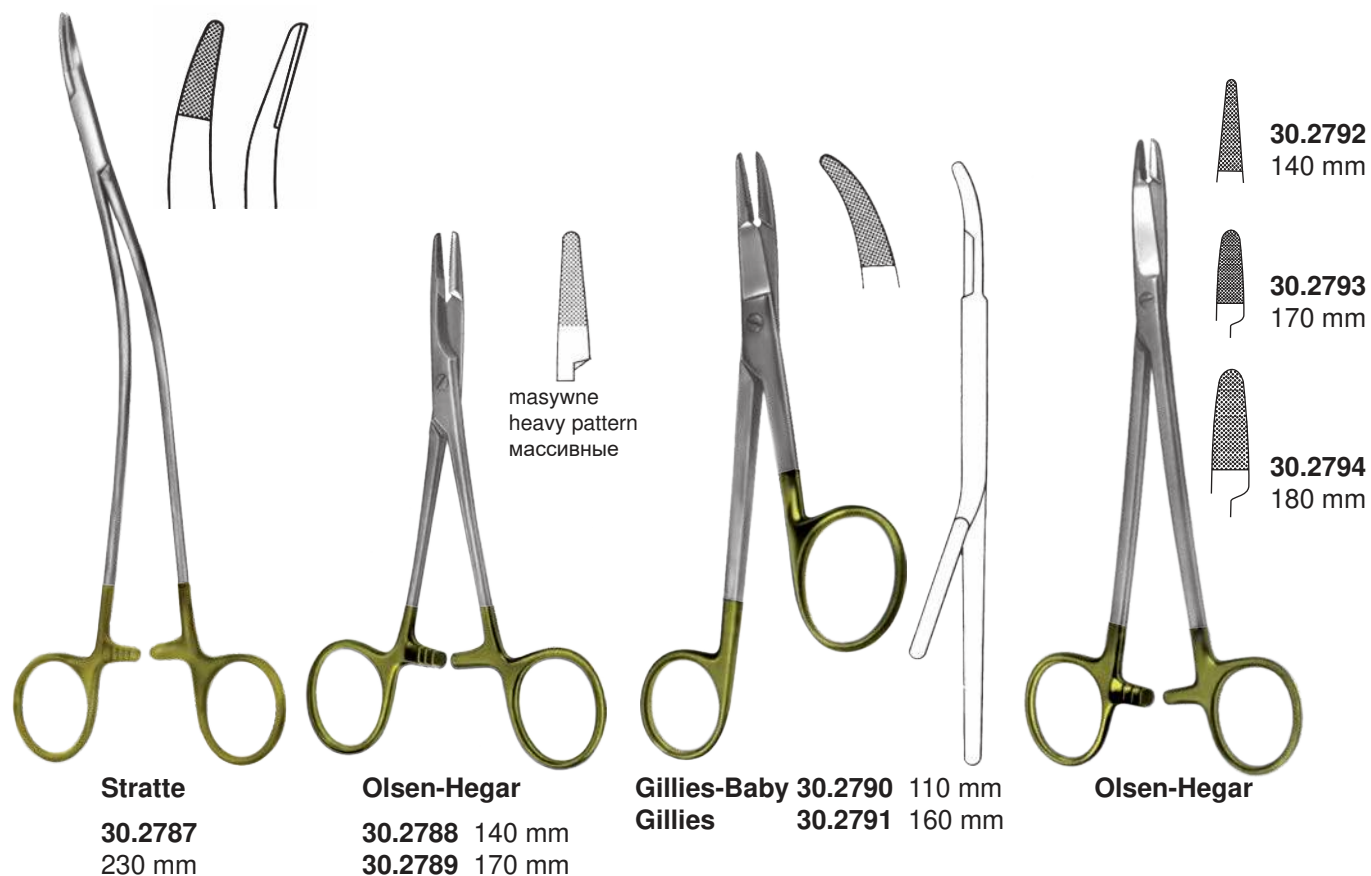
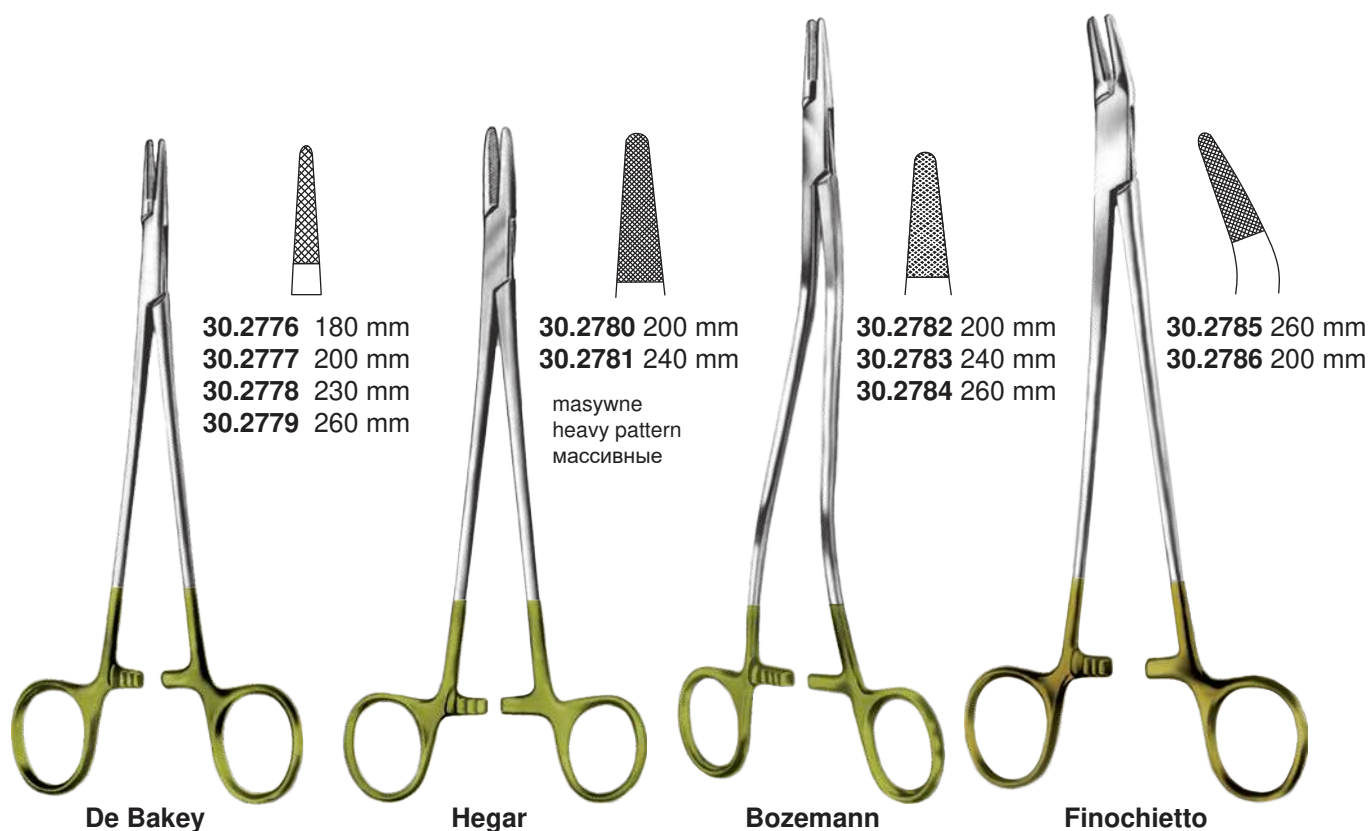


Mayo-Hegar

30.2766	140 mm	30.2690	180 mm
30.2767	160 mm	30.2691	200 mm
30.2768	180 mm	30.2692	230 mm
30.2769	200 mm	30.2693	260 mm
30.2770	230 mm		
30.2771	260 mm		


Halsey
130 mm

Webster
130 mm

Mayo-Hegar
300 mm


Crile-Wood

30.2795 150 mm
30.2796 180 mm
30.2797 200 mm
30.2798 230 mm
30.2799 260 mm


Olsen- Mathieu

30.2694
 140 mm


Olsen- Mathieu

30.2695 170 mm
30.2696 200 mm


Mathieu

30.2800 170 mm
30.2801 200 mm

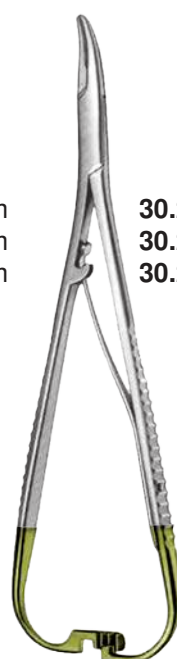

Mathieu

30.2802 170 mm
30.2803 200 mm

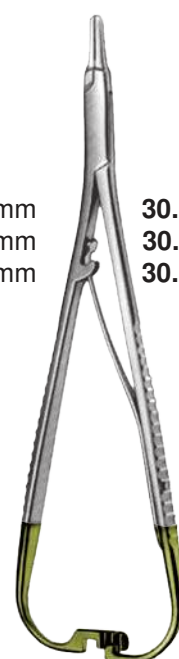
masywne
 heavy pattern
 массивные


Mathieu

30.2804 140 mm
30.2805 170 mm
30.2806 200 mm


Mathieu

30.2807 140 mm
30.2808 170 mm
30.2809 200 mm


French- Mathieu

30.2810 140 mm
30.2811 170 mm
30.2812 200 mm


Derf
30.2814
125 mm

Baumgartner
30.2815.000 130 mm
30.2815.140 140 mm

Heaney
30.2816 200 mm
30.2817 260 mm

Sarot
30.2818 180 mm
30.2819 200 mm
30.2820 260 mm

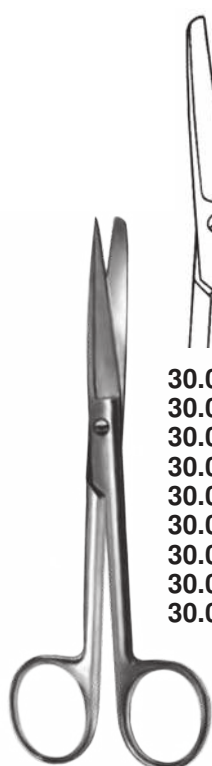
Masson
30.2821
270 mm

Baby-Olsen-Hegar
30.2822 115 mm
30.2823 115 mm

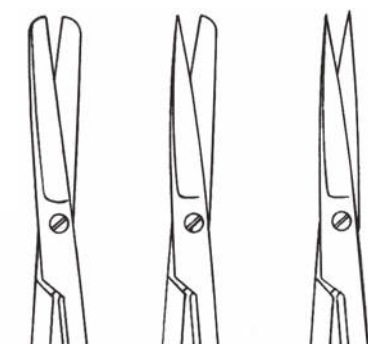
Castroviejo
30.2685.140 140 mm
30.2685.180 180 mm
30.2685.220 220 mm
30.2686.140 140 mm
30.2686.180 180 mm
30.2686.220 220 mm

30.2687.140 140 mm
30.2688.140 140 mm

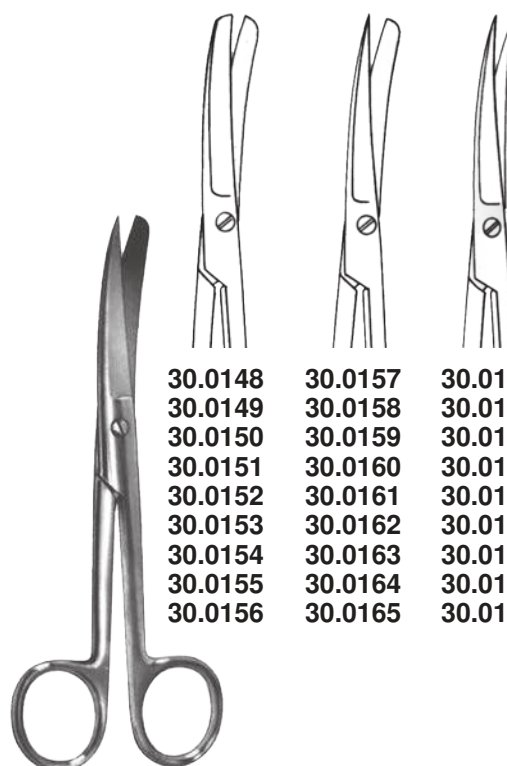
30.2689.140 140 mm
30.2689.180 180 mm
bez zamka
without ratchet
без замка


Standard

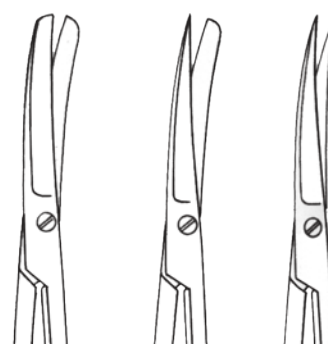
proste · straight · прямые



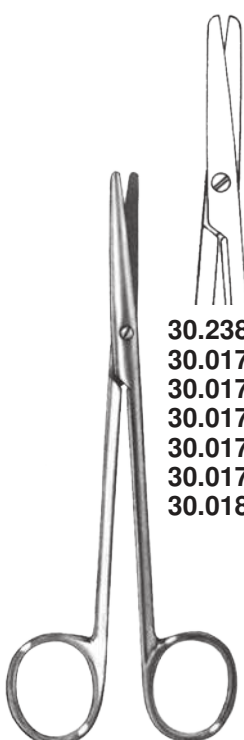
30.0121	30.0130	30.0139	105 mm
30.0122	30.0131	30.0140	115 mm
30.0123	30.0132	30.0141	130 mm
30.0124	30.0133	30.0142	145 mm
30.0125	30.0134	30.0143	155 mm
30.0126	30.0135	30.0144	165 mm
30.0127	30.0136	30.0145	175 mm
30.0128	30.0137	30.0146	185 mm
30.0129	30.0138	30.0147	200 mm


Standard

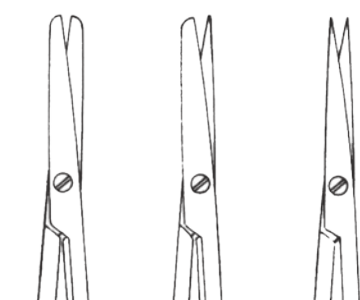
odgięte · curved · изогнутые



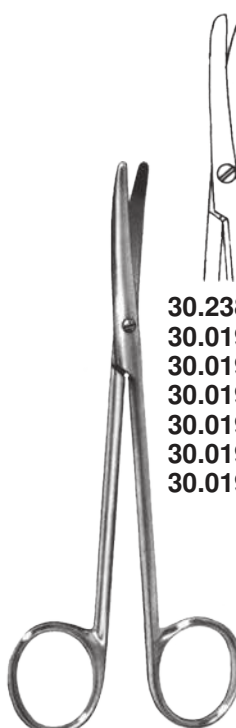
30.0148	30.0157	30.0166	105 mm
30.0149	30.0158	30.0167	115 mm
30.0150	30.0159	30.0168	130 mm
30.0151	30.0160	30.0169	145 mm
30.0152	30.0161	30.0170	155 mm
30.0153	30.0162	30.0171	165 mm
30.0154	30.0163	30.0172	175 mm
30.0155	30.0164	30.0173	185 mm
30.0156	30.0165	30.0174	200 mm


Metzenbaum

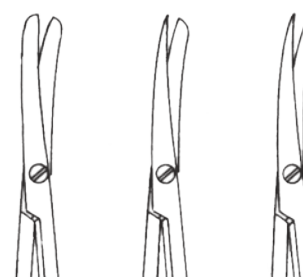
proste · straight · прямые



30.2383	30.2384	30.2385	145 mm
30.0175	30.0181	30.0187	180 mm
30.0176	30.0182	30.0188	200 mm
30.0177	30.0183	30.0189	230 mm
30.0178	30.0184	30.0190	250 mm
30.0179	30.0185	30.0191	280 mm
30.0180	30.0186	30.0192	300 mm


Metzenbaum

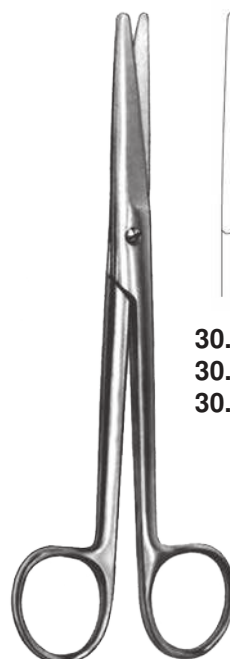
odgięte · curved · изогнутые



30.2386	30.2387	30.2388	145 mm
30.0193	30.0199	30.0205	180 mm
30.0194	30.0200	30.0206	200 mm
30.0195	30.0201	30.0207	230 mm
30.0196	30.0202	30.0208	250 mm
30.0197	30.0203	30.0209	280 mm
30.0198	30.0204	30.0210	300 mm



30.2328.090	90 mm	30.2329.090
30.2328.010	100 mm	30.2329.010
30.2328.011	110 mm	30.2329.011
30.2328.012	120 mm	30.2329.012



30.2331	150 mm	30.2335
30.2332	170 mm	30.2336
30.2333	230 mm	30.2337



Mayo



30.2338	150 mm	30.2341
30.2339	170 mm	30.2342
30.2340	210 mm	30.2343



Mayo-Stille



Brazil



30.2344
30.2345



30.2346
30.2347



30.2348	130 mm
30.2349	145 mm



30.2350
30.2351



30.2352
30.2353



30.2354	130 mm
30.2355	145 mm


Deaver
30.2356 145 mm **30.2357**
30.2358 145 mm **30.2359**
ostrze ząbkowane
serrated edge
зубчатое остриё

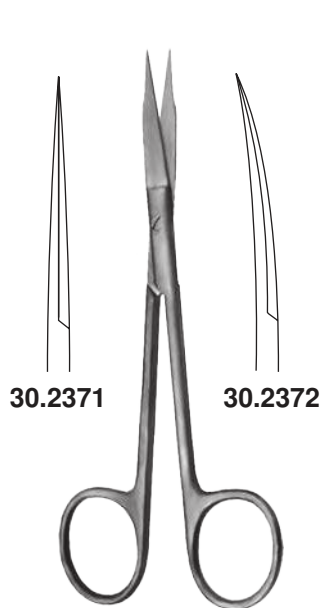
Mixer
30.2360 155 mm **30.2361**
30.2362 155 mm **30.2363**
ostrze ząbkowane
serrated edge
зубчатое остриё

brzuszne • abdominal • брюшные

do nacięć • for incisions • для нарезки


Richter
30.2364 130 mm
30.2365 145 mm

30.2366 145 mm **30.2578**
30.2577 170 mm **30.2579**
Doyen
30.2367 160 mm **30.2369**
30.2368 175 mm **30.2370**



Goldmann-Fox

130 mm



Mayo-Lexer

30.2373.000 160 mm **30.2374.000**

wąskie • delicate • тонкие:

30.2373.100 **30.2374.100**



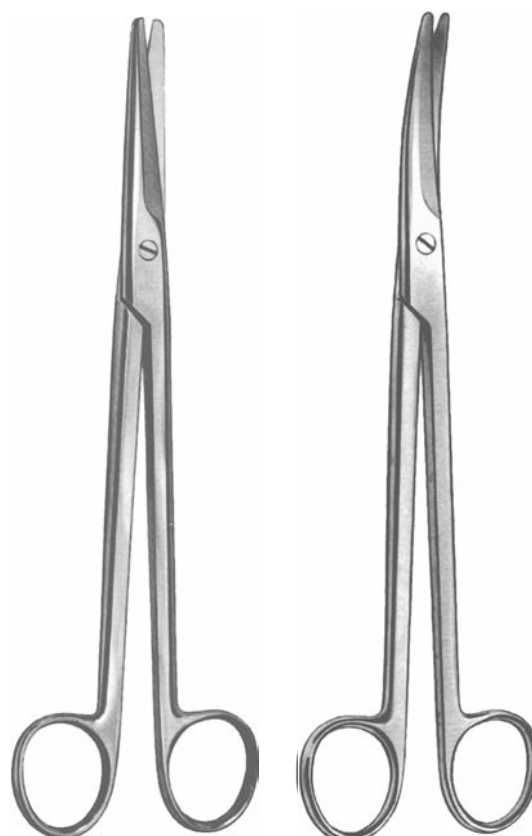
Baby-Lexer

30.2375 100 mm **30.2376**



Mayo-Noble

30.2378 170 mm **30.2380**

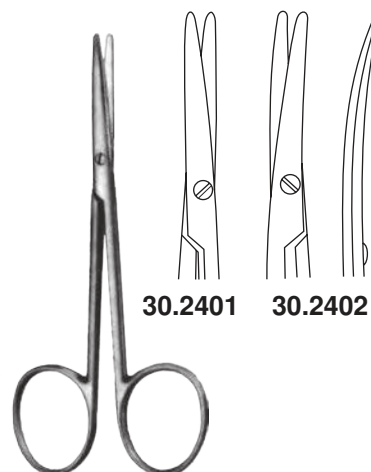


Mayo-Harrington

30.2382 230 mm **30.2381**
(proste) (odgię-
te)



Metzenbaum-Lahey
30.2395 140 mm 30.2396



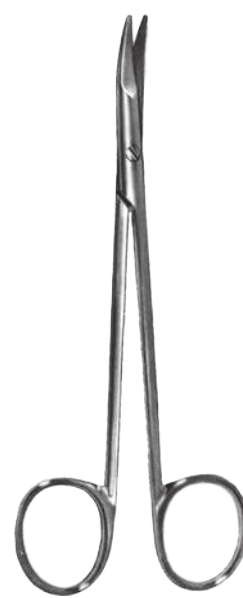
**Metzenbaum
(Strabismus)**
115 mm



Kelly
30.2403 160 mm 30.2405
30.2404 180 mm 30.2406

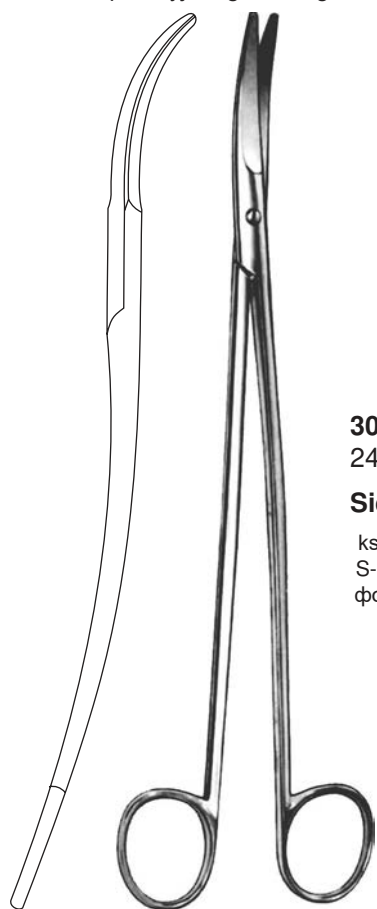


Joseph
30.2407 145 mm 30.2408



Kilner
30.2409 130 mm
30.2410 150 mm

operacyjne, ginekologiczne • operating, gynecological • операционные, гинекологические



30.2397
240 mm

Siebold

kształt S
S-curved
форма S

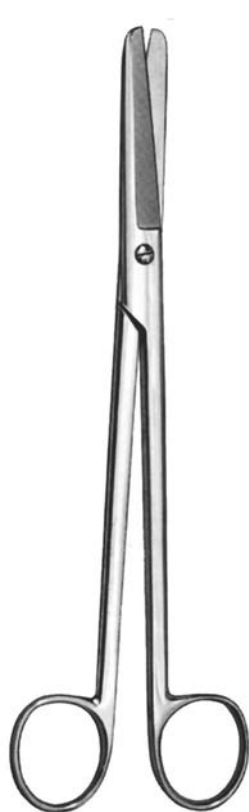


30.2398 145 mm

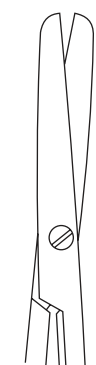
30.2399 195 mm

30.2400 225 mm

Wertheim

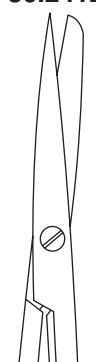


Sims



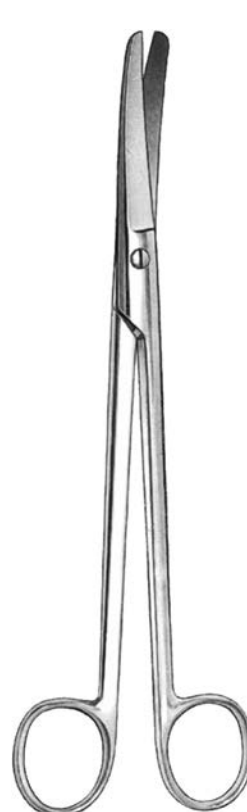
30.2411 200 mm

30.2412 230 mm



30.2413 200 mm

30.2414 230 mm



Sims



30.2415 200 mm

30.2416 230 mm



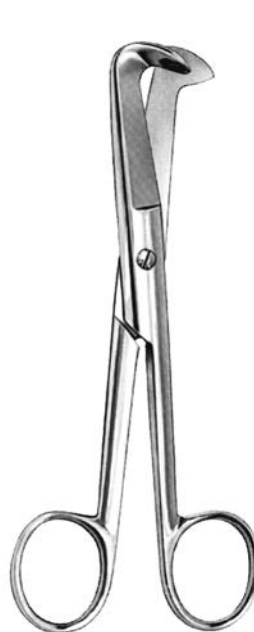
30.2417 200 mm

30.2418 230 mm

ginekologiczne, położnicze • umbilical and perineum • гинекологические, для пуповины



Dubois
30.2419 270 mm 30.2420



Schumacher
30.2422
155 mm



Busch
30.2423 130 mm
30.2424 160 mm



Mod. USA
30.2421
105 mm



Braun-Stadler
30.2425 145 mm
30.2426 220 mm



Waldmann
30.2531
180 mm

preparacyjne i naczyniowe • dissecting and vascular • анатомические и сосудистые


Tönnis
30.2427 180 mm **30.2428**

Adson-Tönnis
30.2429 175 mm

Reynolds
30.2430 160 mm

30.2431
115 mm

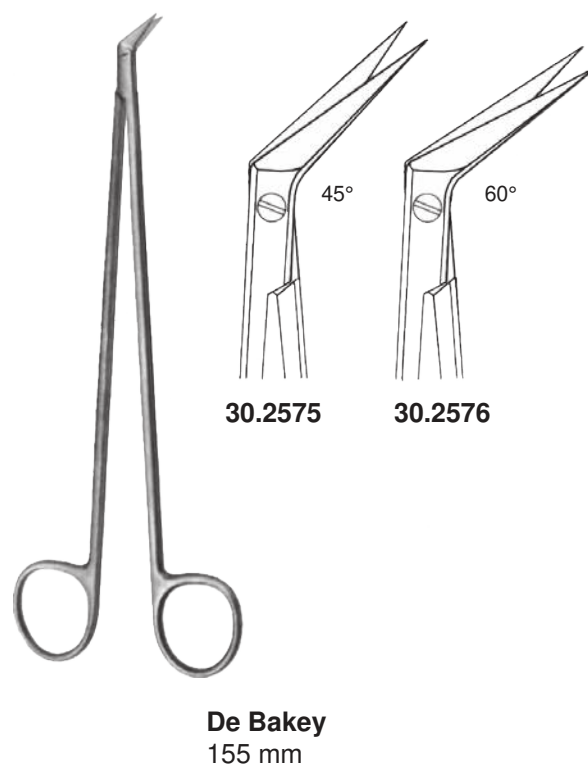
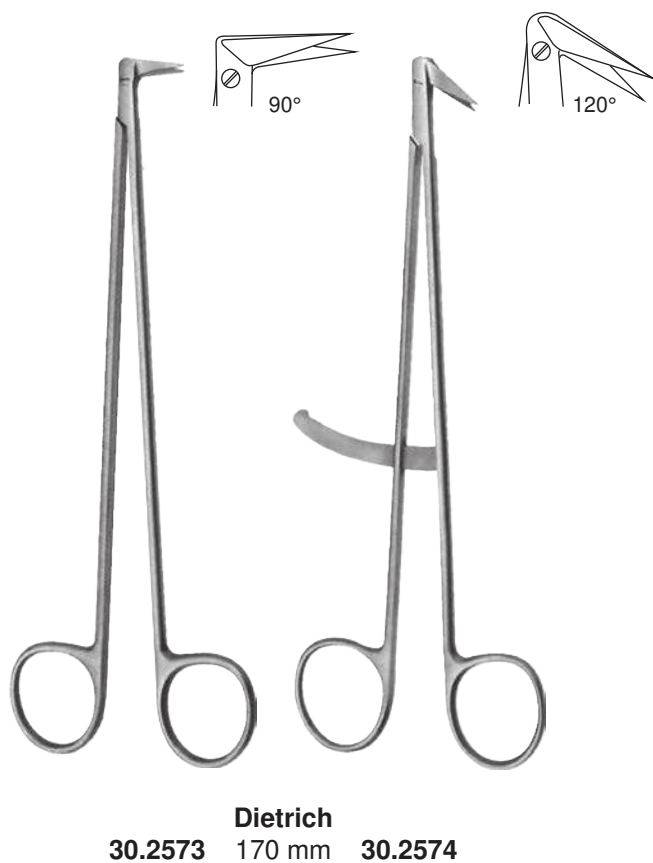
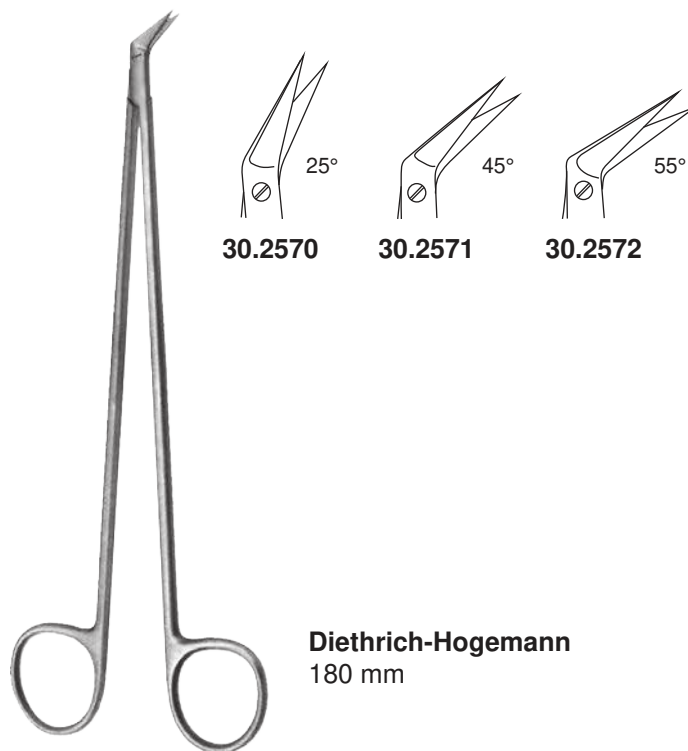
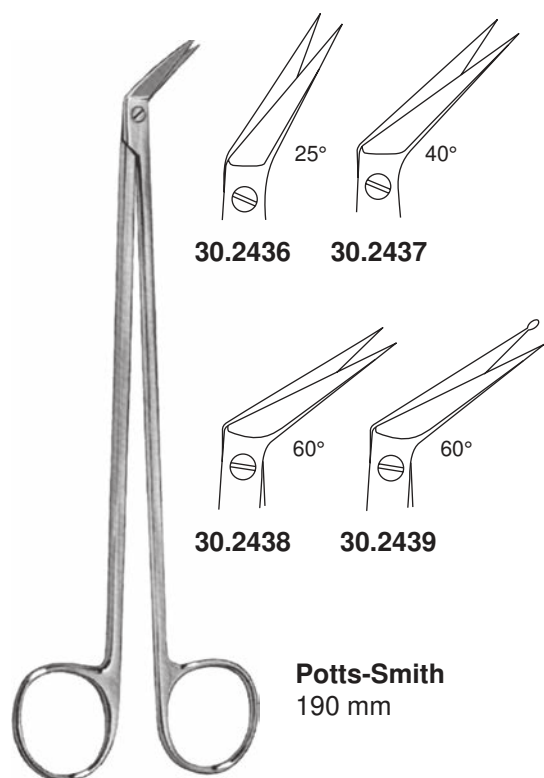
Dandy
30.2432
170 mm

Potts-Smith
30.2433
190 mm

Strully
30.2434
220 mm

Satynsky
30.2435
245 mm

preparacyjne i naczyniowe • dissecting and vascular • анатомические и сосудистые




Schmieden
30.2441
170 mm
dura

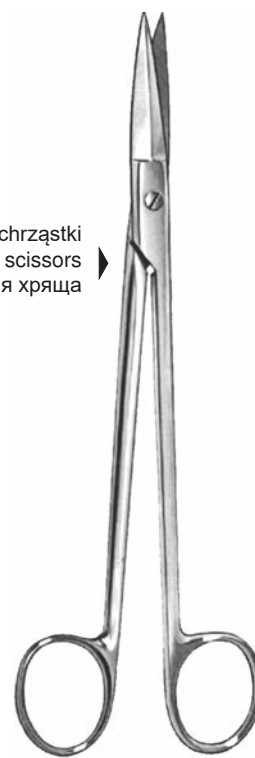
30.2446
180 mm


30.2466	115 mm	30.2469
30.2467	130 mm	30.2470
30.2468	145 mm	30.2471


Dean
30.2443
170 mm

Good
30.2444
190 mm

Prince
30.2447
175 mm

Bottcher
30.2448
180 mm

Mc Indoe
30.2449
190 mm

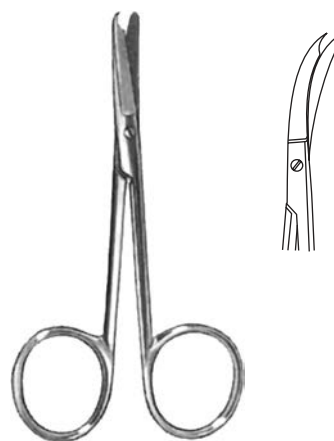
do chrząstki
cartilage scissors
для хряща

do opatrunków, szwów, paznokci • ligature, nail scissors • для лигатуры, для ногтей



Ligaturschere

30.2450 115 mm **30.2451**



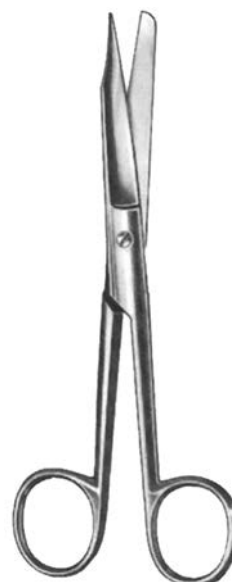
Spencer

30.2452 90 mm **30.2455**
30.2453 105 mm
30.2454 125 mm **30.2456**



Sistrunk

30.2457 130 mm **30.2458**

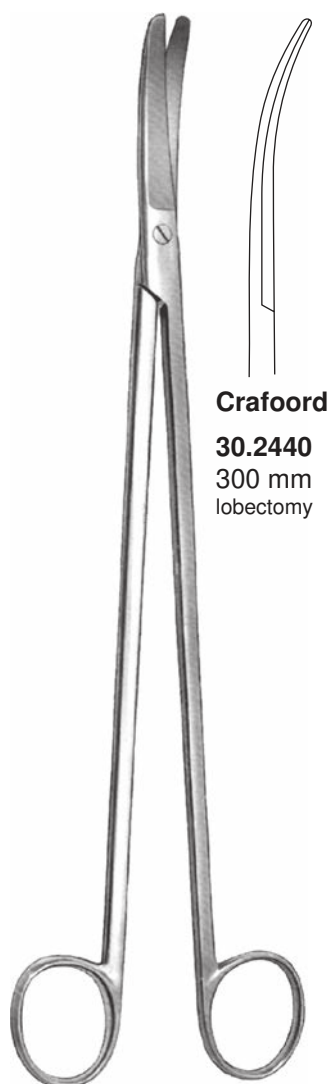


30.2459
150 mm

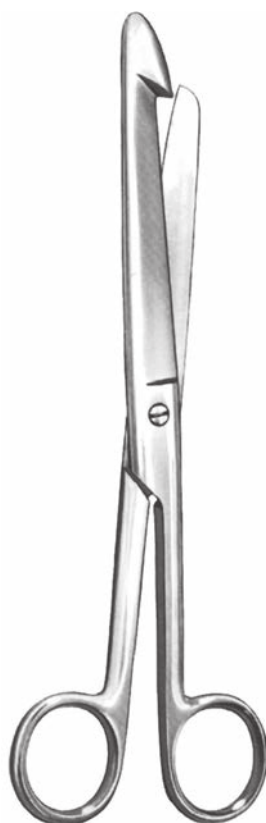


Littauer

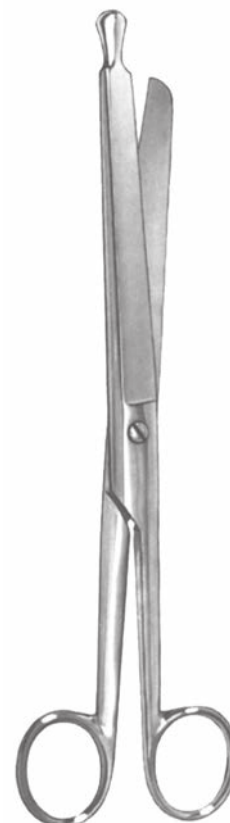
30.2460
140 mm



Crafoord
30.2440
300 mm
lobectomy



Darmschere
30.2461
210 mm

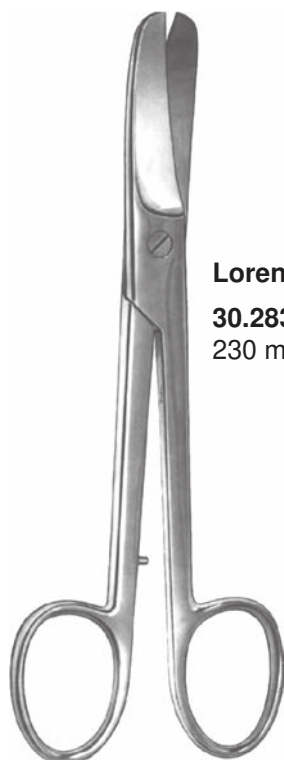


Darmschere
30.2462
210 mm

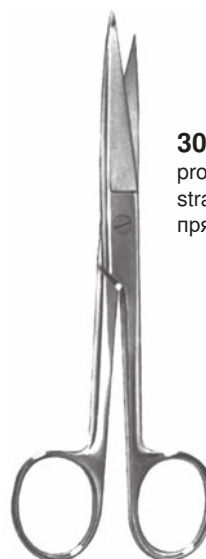
do opatrunków i do gipsu • bandage and plaster • перевязочные



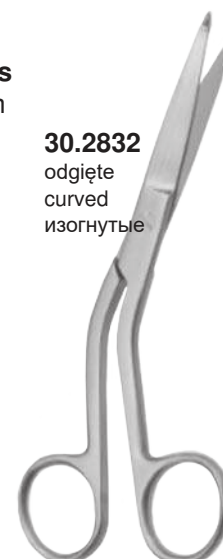
Smith
30.2827 180 mm
30.2828 200 mm
30.2829 230 mm



Lorenz
30.2830
230 mm



Knowles
145 mm
30.2831
proste
straight
прямые



30.2832
odgięte
curved
изогнутые

do opatrunków i do gipsu • bandage and plaster • перевязочные



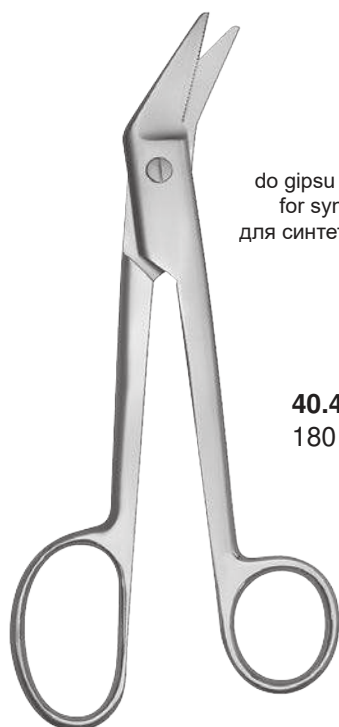
Esmarch
40.3284 200 mm
40.3285 230 mm



Seutin
40.3286
230 mm



Bruns
40.3287
235 mm



do gipsu syntetycznego
for syntetic plaster
для синтетического гипса

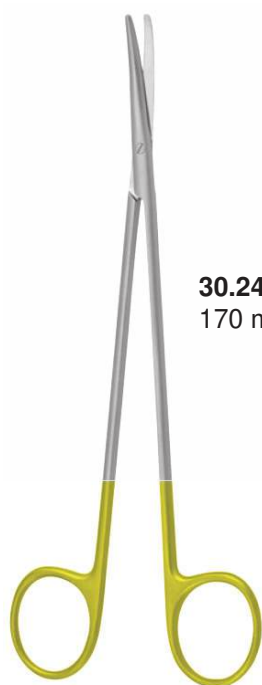
40.4139
180 mm



40.4140
180 mm



Lister
40.4141 90 mm
40.4142 110 mm
40.4143 140 mm
40.4144 180 mm
40.4145 200 mm

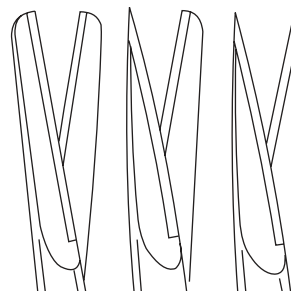


30.2472
170 mm

Tönnis-Adson



Standard



proste • straight • прямые

30.2473.000	30.2474.000	30.2475.000
	145 mm	
30.2473.165	30.2474.165	30.2475.165
	165 mm	

odgięte • curved • загнутые

30.2476.000	30.2477.000	30.2478.000
	145 mm	
30.2476.165	30.2477.165	30.2478.165
	165 mm	



Metzenbaum

30.2479	145 mm	30.2483
30.2480	180 mm	30.2484
30.2481	200 mm	30.2485
30.2482	230 mm	30.2486



Metzenbaum-Fino

30.2487	145 mm	30.2491
30.2488	180 mm	30.2492
30.2489	200 mm	30.2493
30.2490	230 mm	30.2494



Mayo-Stille

30.2499	150 mm	30.2501
30.2500	170 mm	30.2502



Mayo

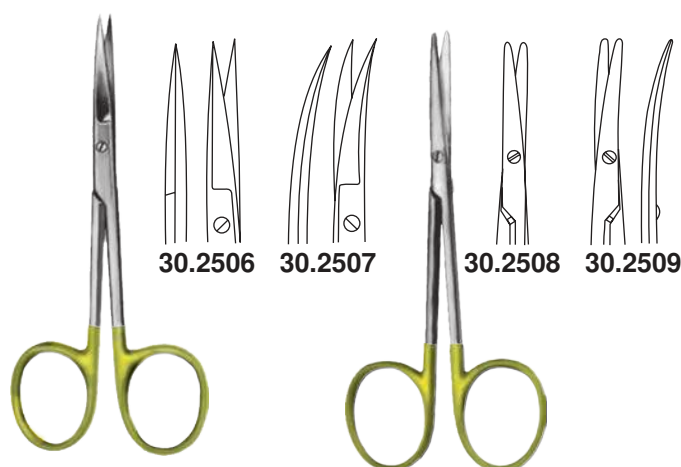
30.2495	145 mm	30.2497
30.2496	170 mm	30.2498



30.2504

Mayo-Lexer
30.2503 165 mm

Lister
30.2505.140 140 mm
30.2505.000 180 mm
30.2505.200 200 mm



30.2506

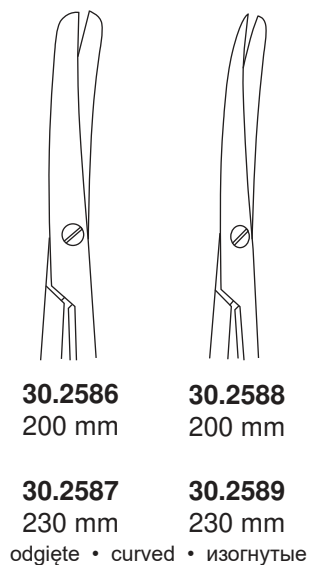
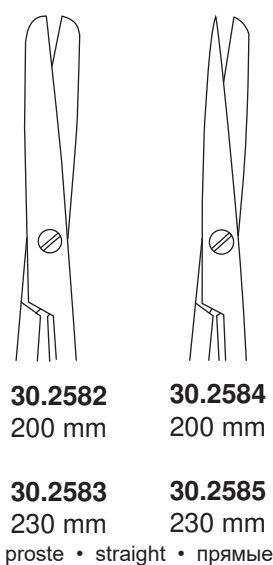
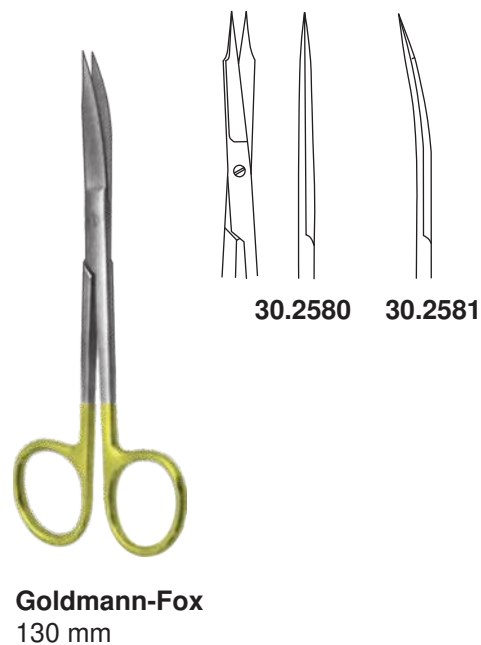
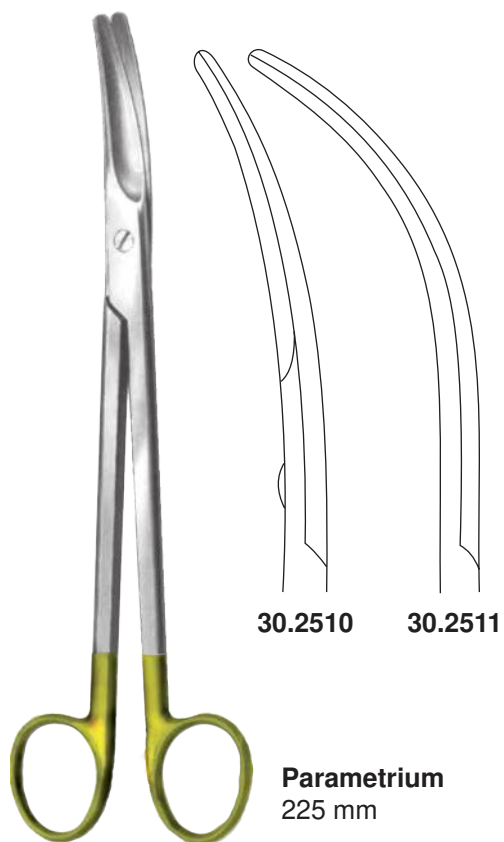
30.2507

30.2508

30.2509

Irisschere
115 mm

Strabismus (Metzenbaum)
115 mm



Sims



jedno ostrze tnące, drugie mikro-ząbkowane • with knife edge and micro-serrated edge • с одним лезвием режущим, другим микрозубчатым



Mayo

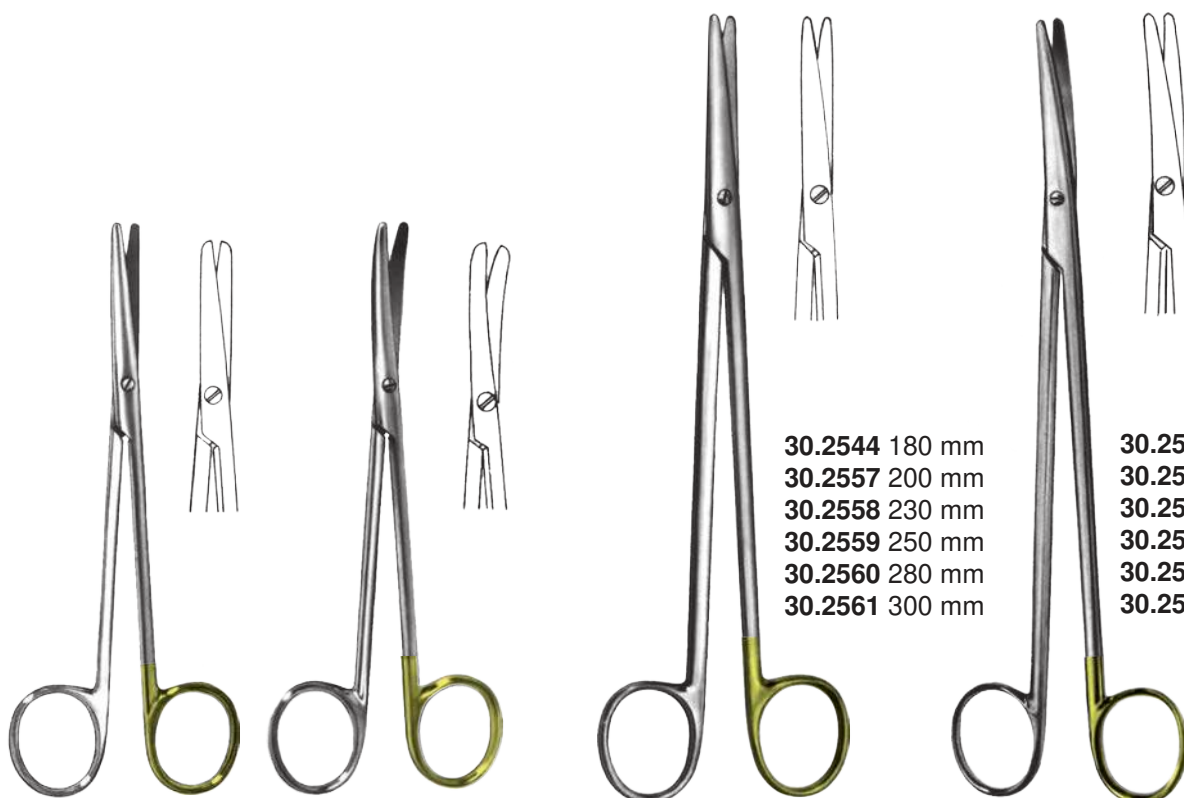
30.2532	145 mm	30.2534
30.2533	170 mm	30.2535
30.2533.230	230 mm	30.2535.230

Mayo-Stille

30.2536	150 mm	30.2538
30.2537	170 mm	30.2539

Mayo-Lexer

30.2540	160 mm	30.2541
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Metzenbaum

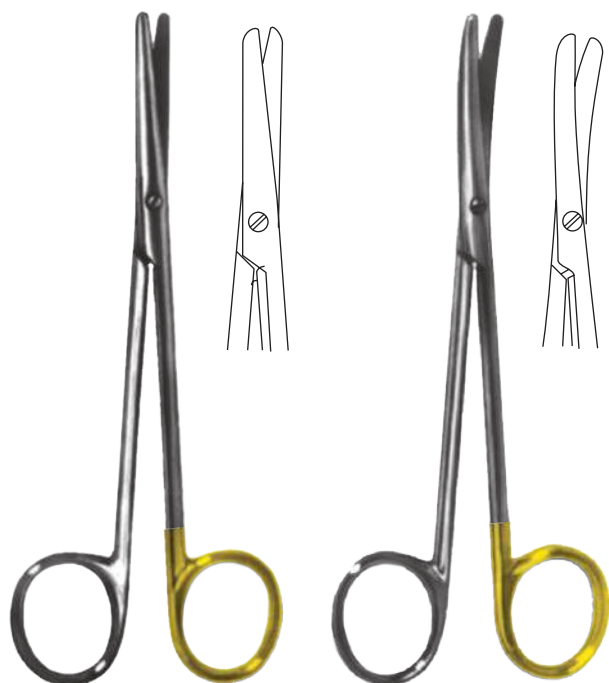
30.2542	145 mm	30.2543
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Metzenbaum

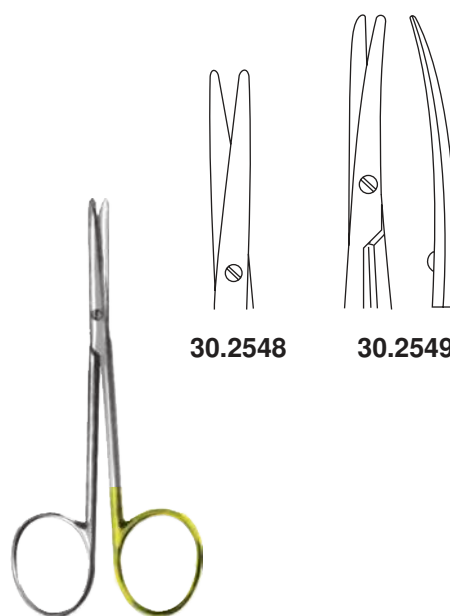
30.2544	180 mm
30.2557	200 mm
30.2558	230 mm
30.2559	250 mm
30.2560	280 mm
30.2561	300 mm

30.2545	180 mm
30.2562	200 mm
30.2563	230 mm
30.2564	250 mm
30.2565	280 mm
30.2566	300 mm

jedno ostrze tnące, drugie mikro-ząbkowane • with knife edge and micro-serrated edge • с одним лезвием режущим, другим микрозубчатым



Metzenbaum Fino
30.2546 145 mm 30.2547



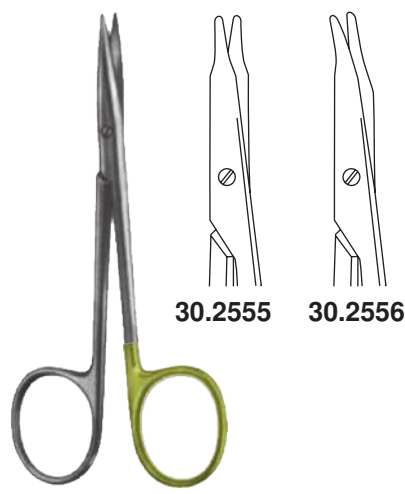
Metzenbaum Strabismus
115 mm



Lister
30.2550 140 mm
30.2551 180 mm
30.2552 200 mm



Iris
115 mm



Stevens
110 mm



La Grange
30.2567 105 mm
30.2568 160 mm

anatomiczne • anatomical • анатомические


Standard

30.3300	105 mm	30.3309
30.3301	115 mm	30.3310
30.3302	130 mm	30.3311
30.3303	145 mm	30.3312
30.3304	160 mm	30.3313
30.3305	180 mm	30.3314
30.3306	200 mm	30.3315
30.3307	250 mm	30.3316
30.3308	300 mm	30.3317

Standard

30.3318	115 mm	30.3326
30.3319	130 mm	30.3327
30.3320	145 mm	30.3328
30.3321	160 mm	30.3329
30.3322	180 mm	30.3330
30.3323	200 mm	30.3331
30.3324	250 mm	30.3332
30.3325	300 mm	30.3333
wąskie • r		зкие

Standard mod. USA

30.3334	120 mm	30.3342
30.3335	130 mm	30.3343
30.3336	145 mm	30.3344
30.3337	155 mm	30.3345
30.3338	180 mm	
30.3339	210 mm	▲ wąskie
30.3340	250 mm	narrow
30.3341	310 mm	узкие

delikatne
slender
деликатные
▼

Standard

30.3346	130 mm	30.3348
30.3347	150 mm	30.3349
	170 mm	30.3350


Potts-Smith

30.3351	180 mm	30.3354
30.3352	210 mm	30.3355
30.3353	250 mm	30.3356


Semken

30.3357	125 mm
30.3358	150 mm


Adson 1,2 mm

30.3359.000	120 mm
30.3359.150	150 mm
Adson 0,8 mm mikro	
30.3360.000	120 mm
30.3360.150	150 mm


Mc Indoe

30.3361	150 mm
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Standard mod. angielski

30.3362	130 mm
30.3363	145 mm
30.3364	155 mm

anatomiczne • anatomical • анатомические



Taylor

30.3365 175 mm **30.3366**



Taylor

30.3367 175 mm **30.3368**



Gerald

30.3369 180 mm
prosta • straight • прямая

30.3370 180 mm
odgięta • curved • изогнутая



Waugh

30.3371 150 mm
30.3372 200 mm



Cushing

30.3373 175 mm **30.3374**



30.3375

delikatne • slender • деликатные
105 mm



30.3376



30.3377



Brophy

30.3378 200 mm **30.3379**





Standard

1:2

30.3380	105 mm
30.3381	115 mm
30.3382	130 mm
30.3383	145 mm
30.3384	160 mm
30.3385	180 mm
30.3386	200 mm
30.3387	250 mm
30.3388	300 mm

2:3

30.3389
30.3390
30.3391
30.3392
30.3393
30.3394
30.3395
30.3396



Standard

3:4

30.3397	130 mm
30.3398	145 mm
30.3399	160 mm



4:5

30.3400
30.3401
30.3402



Standard

1:2

30.3403	130 mm
30.3404	145 mm
30.3405	160 mm
30.3406	200 mm

▲
wąska
narrow
узкие



Standard mod. USA

1:2

30.3407	120 mm
30.3408	130 mm
30.3409	145 mm
30.3410	155 mm
30.3411	180 mm
30.3412	210 mm
30.3413	250 mm
30.3414	310 mm



2:3

30.3415
30.3416
30.3417
30.3418
30.3419
30.3420
30.3421
30.3422



Standard mod. USA

1:2

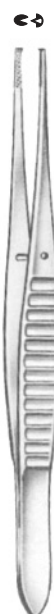
30.3429	130 mm
30.3430	145 mm
30.3431	150 mm

▲
delikatna
slender
узкая



Gerald

30.3432 175 mm 30.3433



Gillies

30.3434
150 mm



Semken

30.3435 125 mm
30.3436 150 mm



Adson

1,2 mm 0,8 mm
30.3437 120 mm 30.3439
30.3438 150 mm 30.3440



Waugh

30.3441 150 mm
30.3442 200 mm



Adlerkreutz

2:3 30.3443 150 mm
30.3444 200 mm 30.3446
30.3445 250 mm 30.3447
30.3448



Adson-Brown

30.3449.000 120 mm, 9X9
30.3449.007 120 mm, 7X7



Tayler

30.3450 175 mm 30.3451



Brophy

30.3452 200 mm 30.3453



Cushing

30.3454 175 mm 30.3455



Tayler

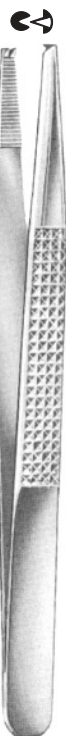
30.3456 175 mm 30.3457





Potts-Smith

30.3458 180 mm 30.3461
30.3459 210 mm 30.3462
30.3460 250 mm 30.3463



Bonney
180 mm

1:2 2:3
30.3464 30.3465



Lane

1:2 2:3
30.3466 145 mm 30.3468
30.3467 180 mm 30.3469



płucne chwytające • lung grasping • для легких



Russian

30.3470 150 mm
30.3471 200 mm
30.3472 250 mm



Mayo-Russian

30.3473
230 mm



Nelson

30.3474.180 180 mm
30.3474.000 230 mm



Singley-Tut

30.3475
230 mm

delikatne • slender • деликатные



30.3480
105 mm



30.3481
105 mm



30.3482
105 mm

atraumatyczne • atraumatic • хирургические



De Bakey



1,5 mm

30.3483
30.3484
30.3485
30.3486



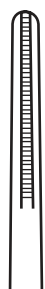
2,0 mm

30.3487
30.3488
30.3489
30.3490



2,7 mm

30.3491
30.3492
30.3493
30.3494



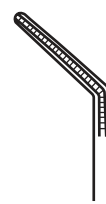
3,5 mm

30.3495
30.3496
30.3497
30.3498

160 mm
200 mm
240 mm
300 mm



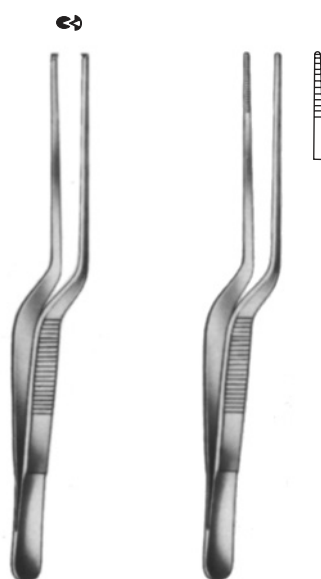
De Bakey



2,0 mm

30.3499
30.3500
30.3501
30.3502

pincety ENT • ENT forceps • ENT пинцеты



Lucae 1 x 2
30.3504
140 mm

Lucae
30.3505
140 mm

laboratoryjne • cover glass forceps • лабораторные



Kuehne
30.3594
105 mm



Kuehne
30.3595
105 mm

inne • others • другие



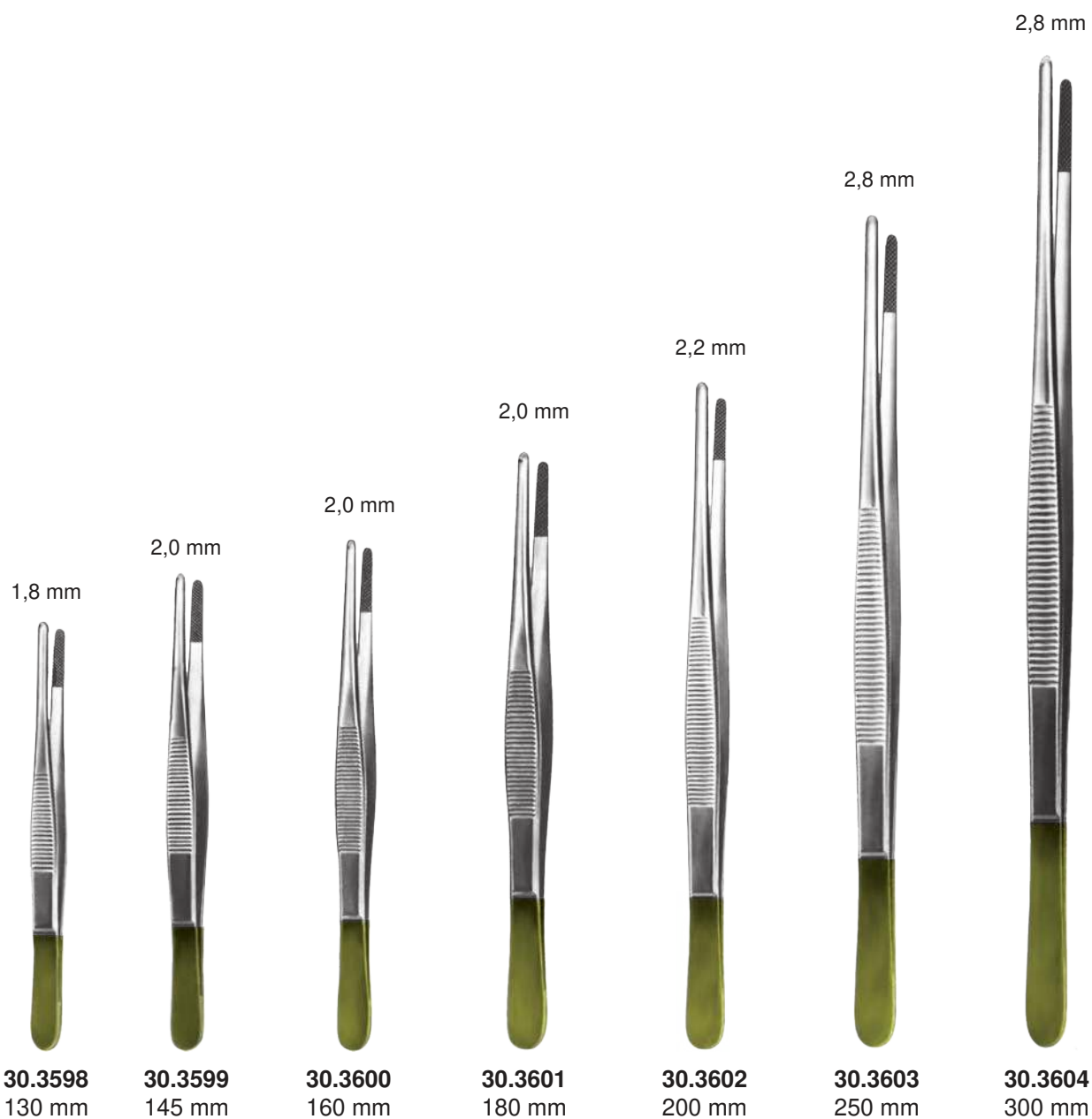
Littauer
30.3591
85 mm

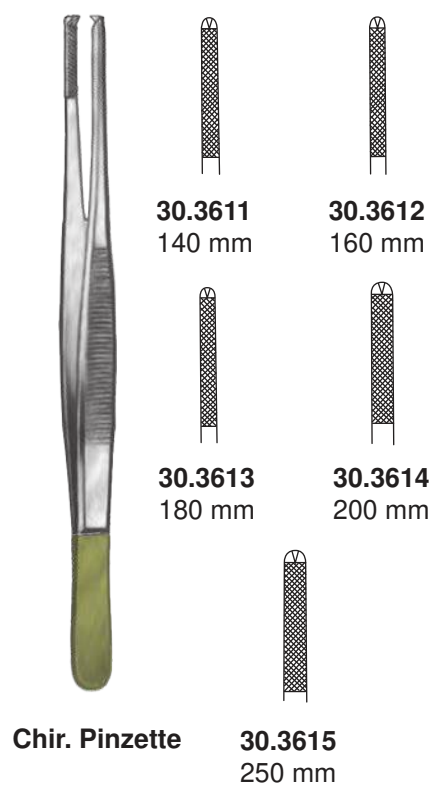
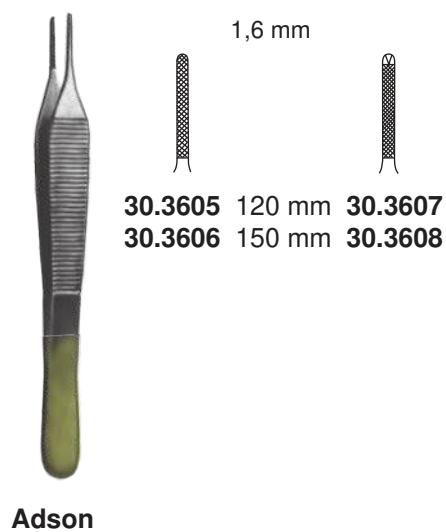


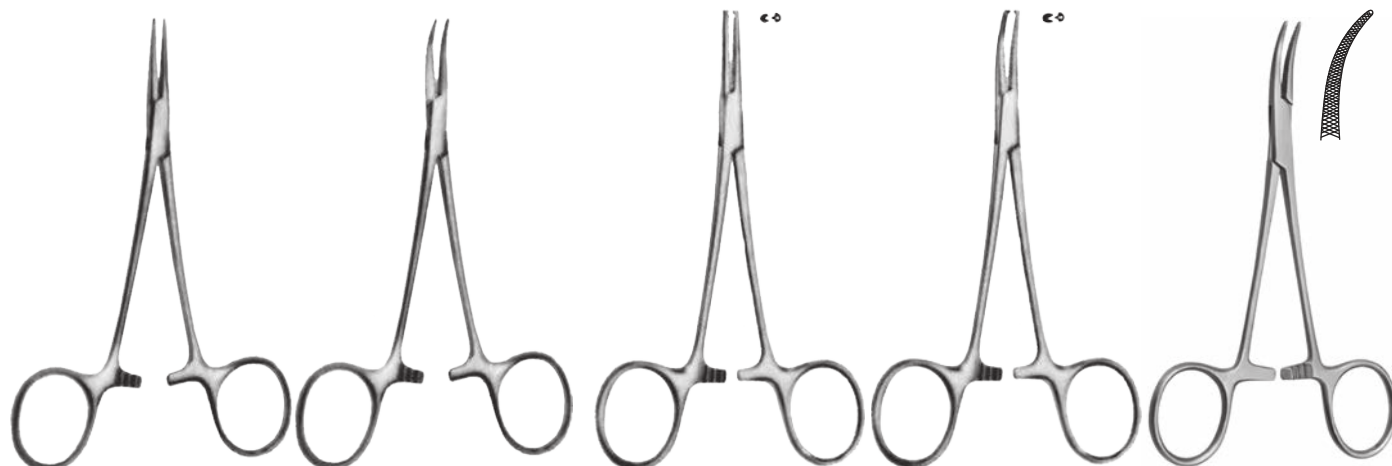
Douglas
30.3592
90 mm



Douglas
30.3593
90 mm







Halsted-Mosquito

30.0080 125 mm 30.0083
30.0081 140 mm 30.0084
30.0082 125 mm 30.0085
mikro • micro • микро

Halsted-Mosquito

30.0086 125 mm 30.0089
30.0087 140 mm 30.0090
30.0088 125 mm 30.0091
mikro • micro • микро

Halsted-Mosquito

30.0083.100
125mm

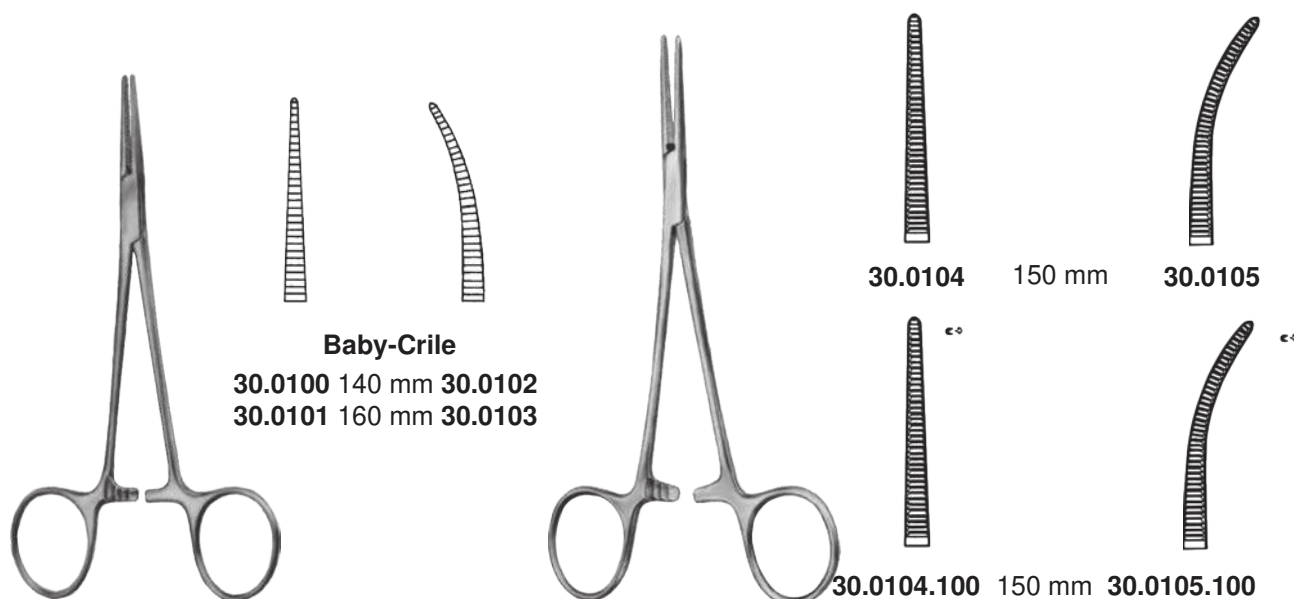


Hartmann

30.0092 100 mm 30.0094
mikro • micro • микро
30.0093 100 mm 30.0095

Hartmann

30.0092.100 100mm 30.0094.100
mikro • micro • микро

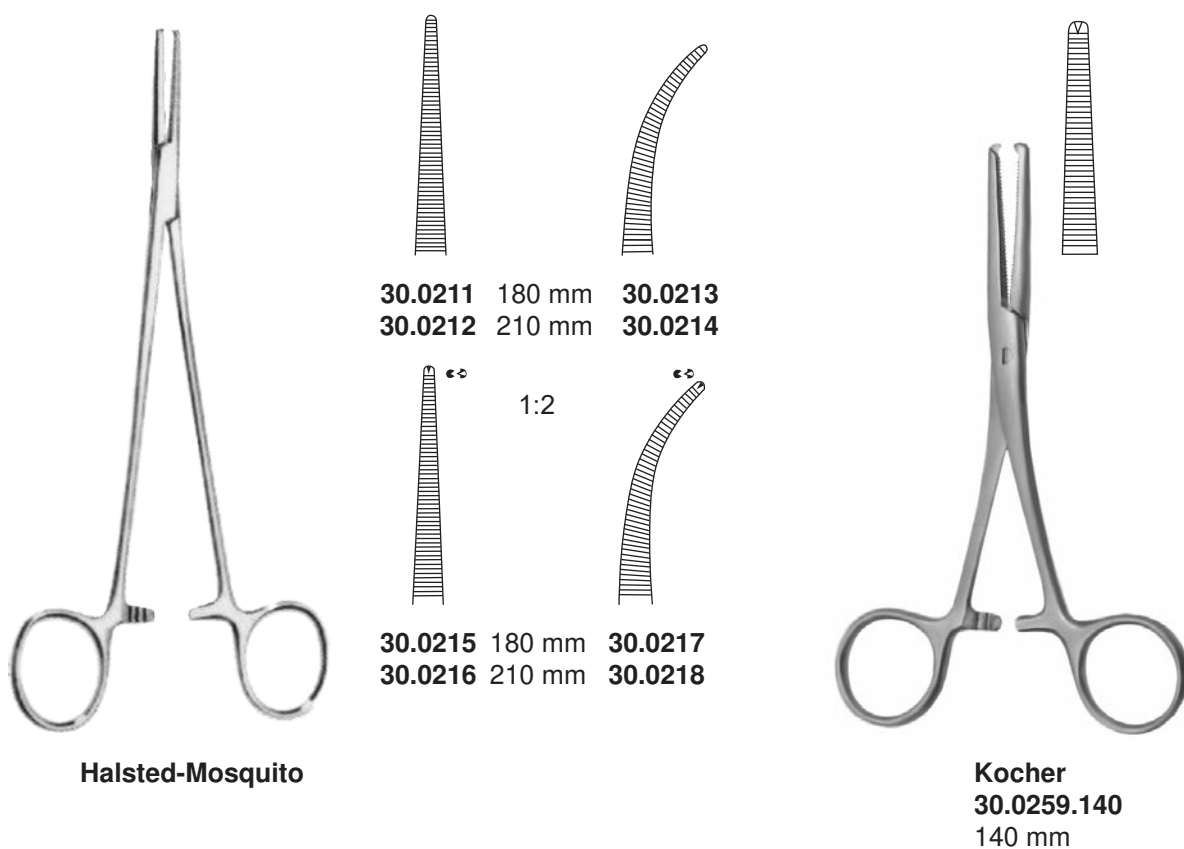
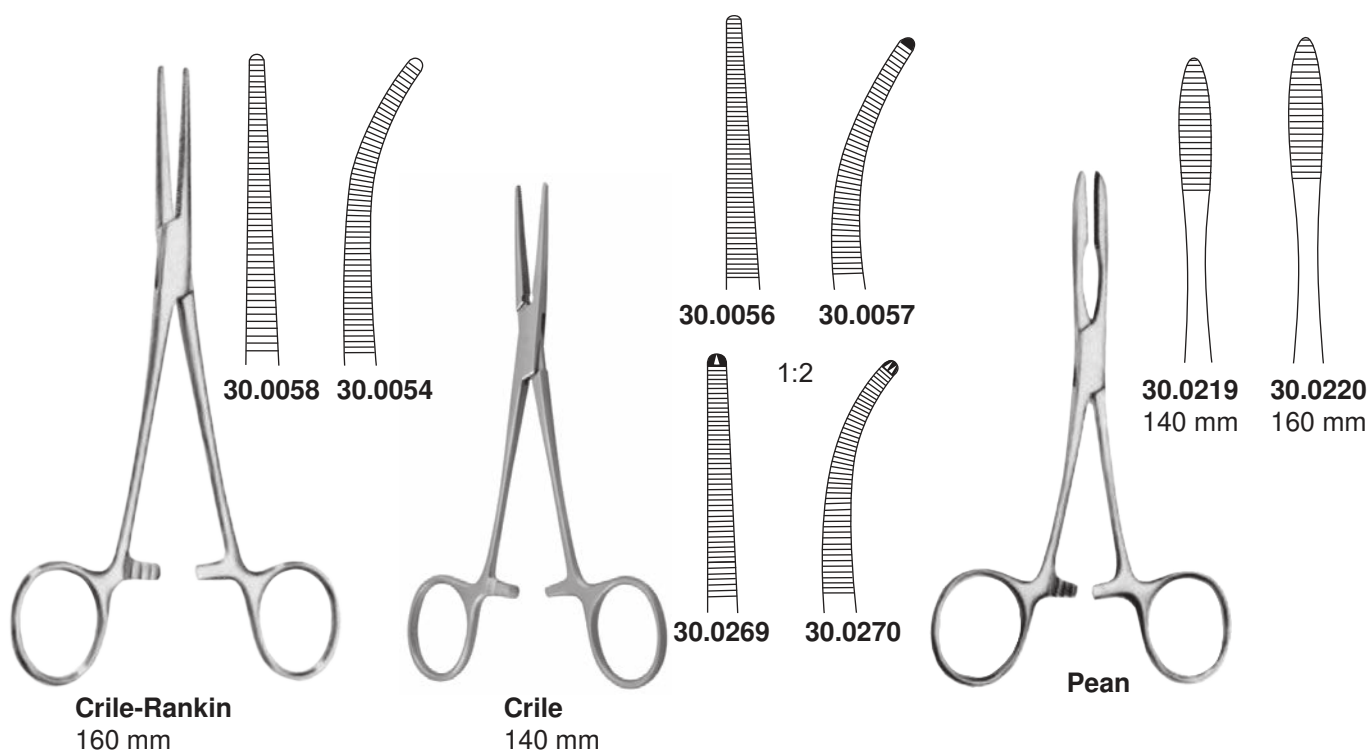


Baby-Crile

30.0100 140 mm 30.0102
30.0101 160 mm 30.0103

Leriche

30.0104.100 150 mm 30.0105.100



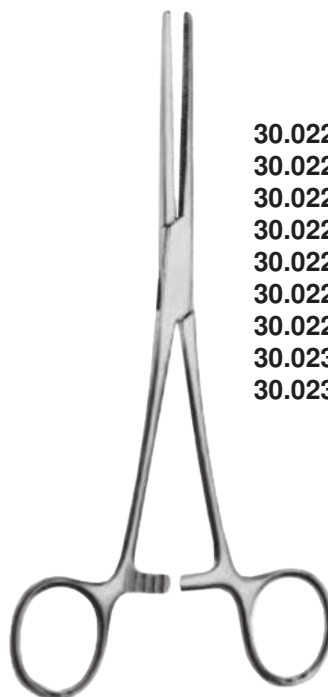


30.0221.130 130 mm
30.0221.000 140 mm
 proste
 straight
 прямой

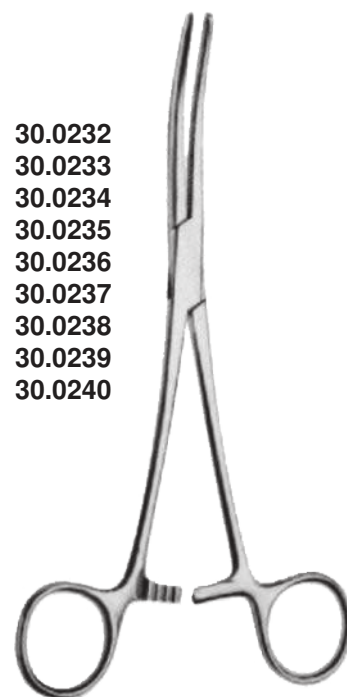
30.0222.130 130 mm
30.0222.000 140 mm
 odgięte
 curved
 изогнутый

Pean

delikatne • fine • тонкие

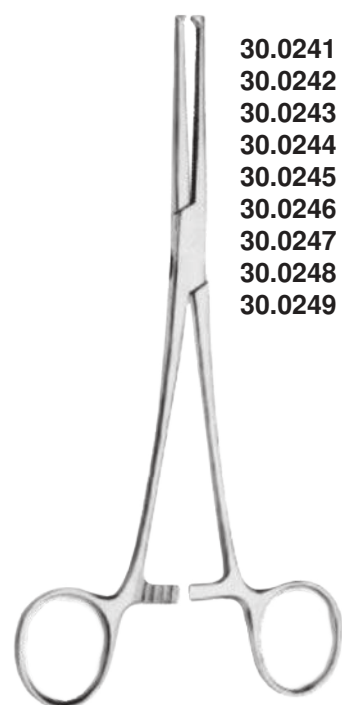


Pean (Rochester)

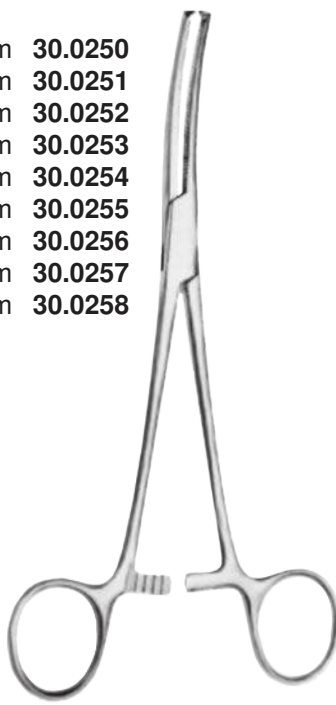


Pean (Rochester)

30.0223 130 mm	30.0232
30.0224 140 mm	30.0233
30.0225 160 mm	30.0234
30.0226 180 mm	30.0235
30.0227 200 mm	30.0236
30.0228 220 mm	30.0237
30.0229 240 mm	30.0238
30.0230 260 mm	30.0239
30.0231 300 mm	30.0240



Kocher (Ochsner)



Kocher (Ochsner)

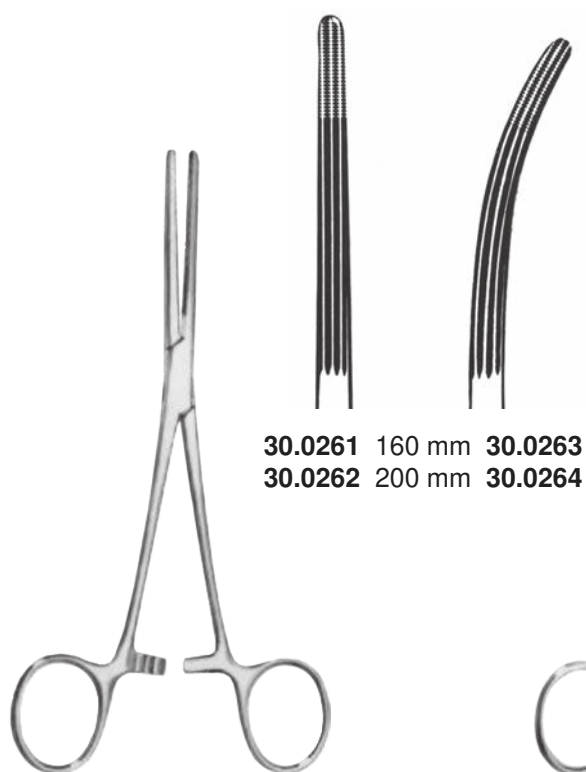


Kocher 140 mm

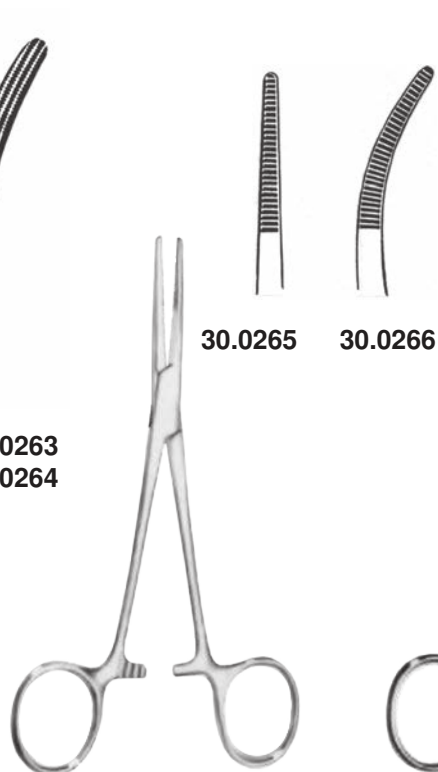
delikatne • slender • тонкие

30.0241 130 mm	30.0250
30.0242 140 mm	30.0251
30.0243 160 mm	30.0252
30.0244 180 mm	30.0253
30.0245 200 mm	30.0254
30.0246 220 mm	30.0255
30.0247 240 mm	30.0256
30.0248 260 mm	30.0257
30.0249 300 mm	30.0258

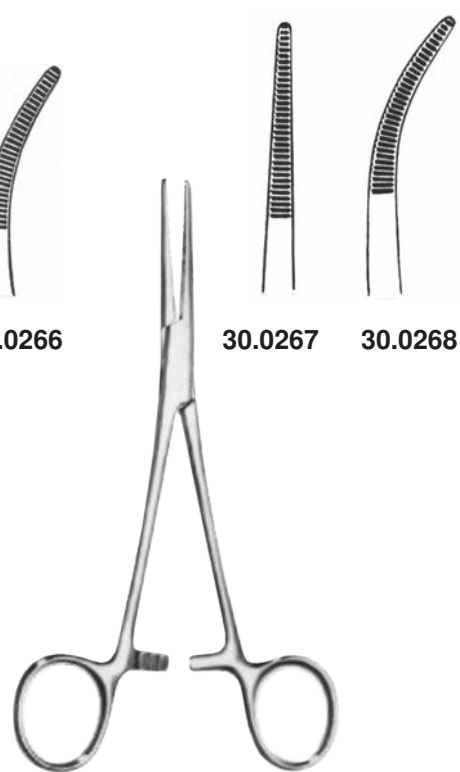
	
30.0259.000	30.0260.000
140 mm	
30.0259.160	30.0260.160
160 mm	



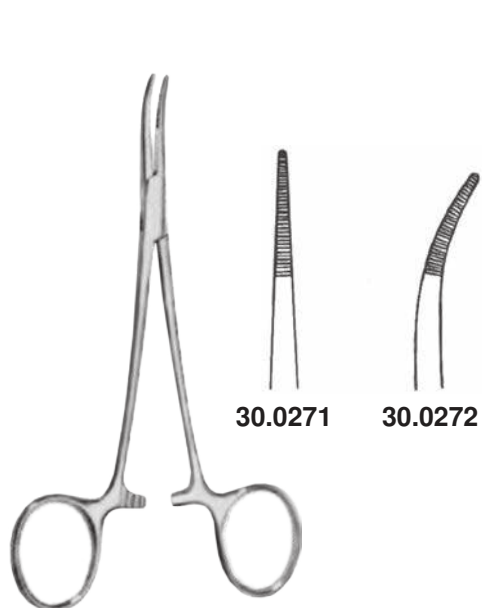
Rochester-Carmalt



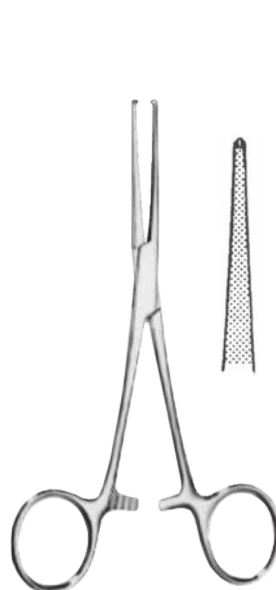
Kelly
140 mm



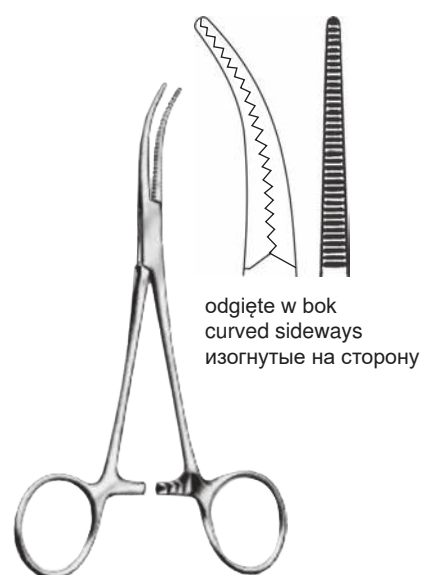
Kelly-Rankin
160 mm



Providence Hospital
140 mm



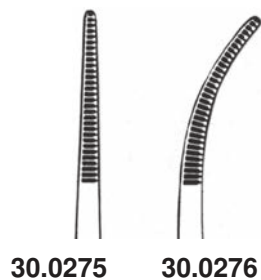
Lovelace
30.0273
155 mm



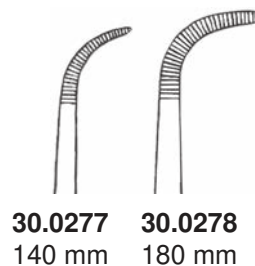
Dandy
30.0274
140 mm



Adson
185 mm



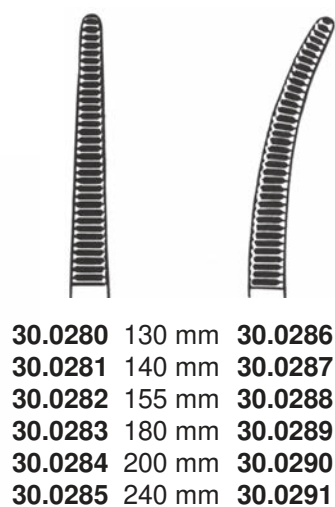
Baby-Adson



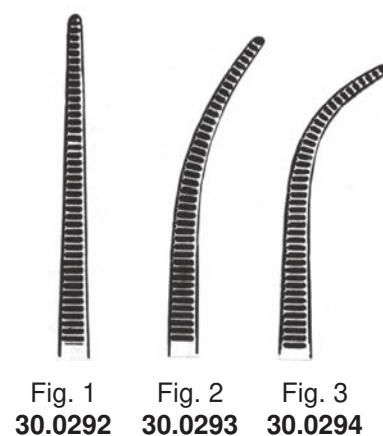
Pennington
30.0279 155 mm
30.2130 200 mm



Spencer-Wells



Heiss 200 mm





Roberts
220 mm



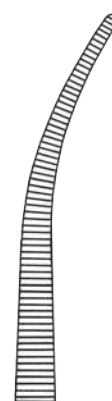
30.1900



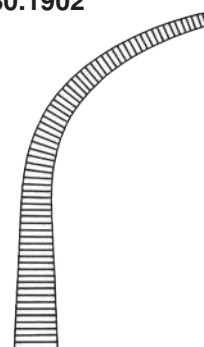
30.1901



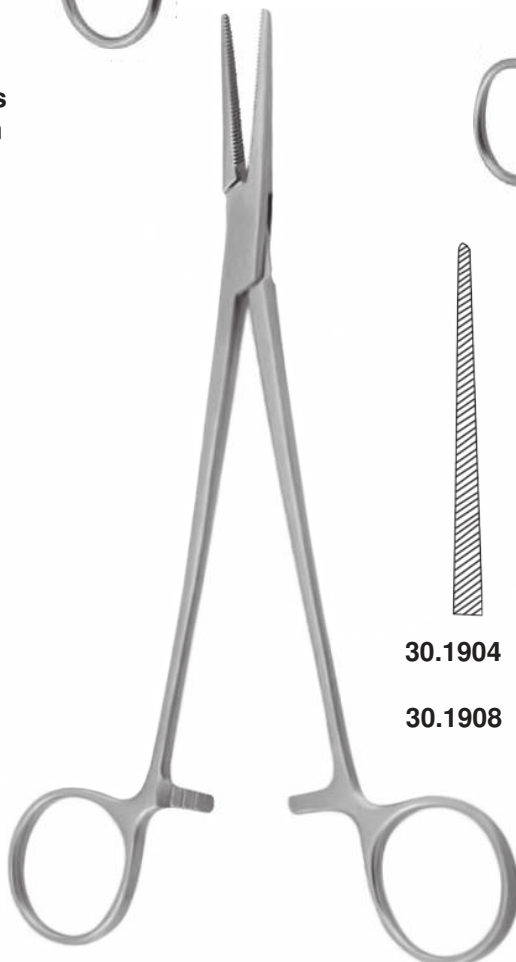
Zenker
295 mm



30.1902



30.1903



Bengolea



30.1904



30.1905



30.1906



30.1907

1:2

200 mm

30.1908

30.1909

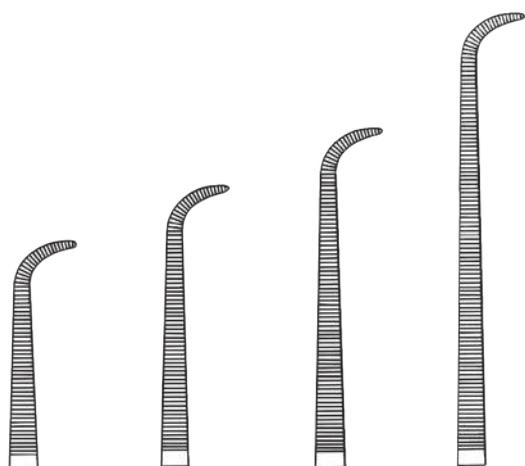
30.1910

30.1911

260 mm



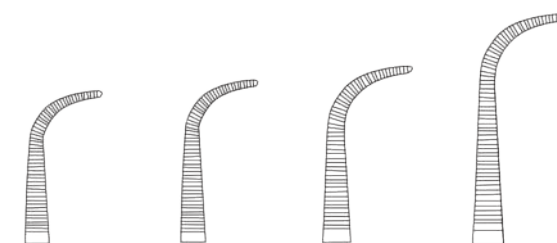
Mini-Gemini



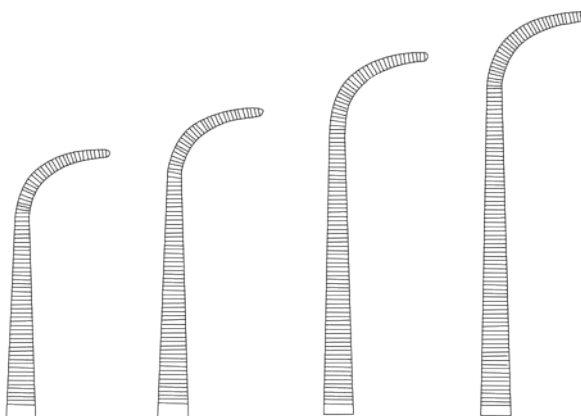
30.1912	30.1913	30.1914	30.1915
180 mm	220 mm	250 mm	280 mm



Gemini



30.1916	30.1917	30.1918	30.1919
130 mm	140 mm	160 mm	180 mm



30.1920	30.1921	30.1922	30.1923
200 mm	230 mm	250 mm	280 mm

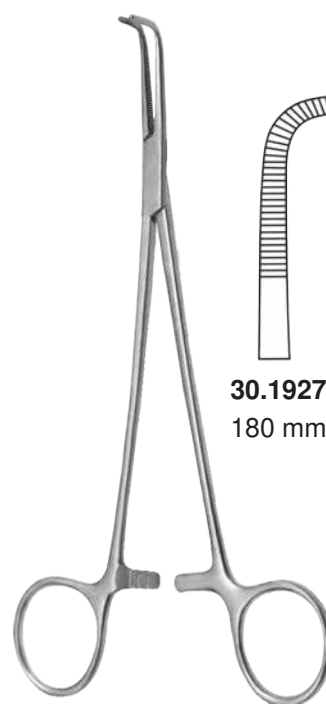


Kantrowitz

30.1924
180 mm

30.1925
240 mm

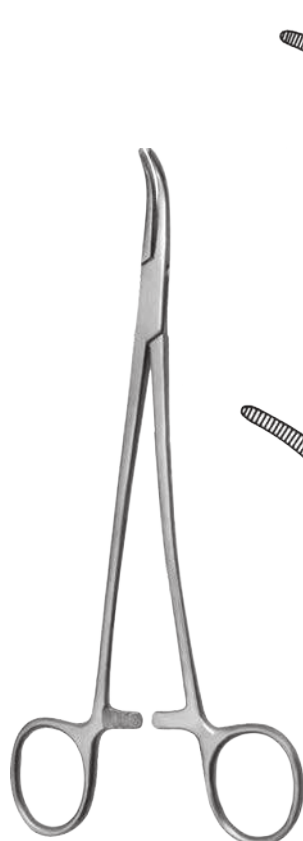
30.1926
280 mm



Meekers

30.1927
180 mm

30.1928
280 mm



Overholt

delikatne • slender • тонкие

30.1929
185 mm

30.1930
210 mm

30.1931
215 mm

30.1932
220 mm

kształt S
S-shaped
форма S



Stille

30.1933 240 mm



Green

30.1934 160 mm



**Overholt-
Geissendoerfer**

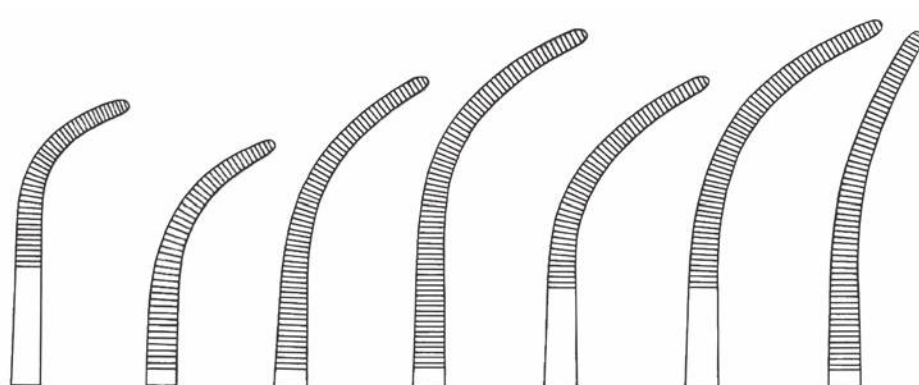


Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6	Fig. 7
30.0295	30.0296	30.0297	30.0298	30.0299	30.2000	30.2001
195 mm	210 mm	220 mm	225 mm	215 mm	225 mm	225 mm

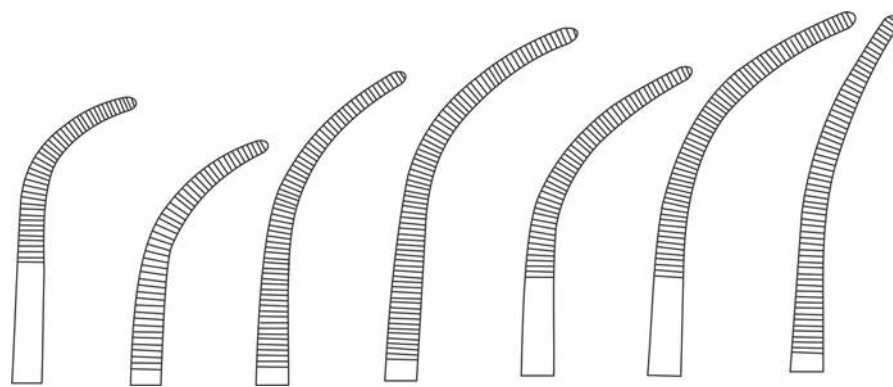
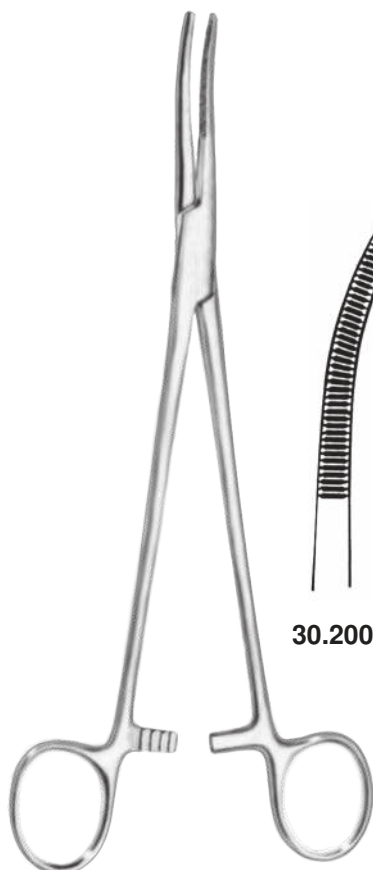


Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6	Fig. 7
30.2002	30.2003	30.2004	30.2005	30.2006	30.2007	30.2008
260 mm	270 mm	275 mm	275 mm	275 mm	280 mm	275 mm



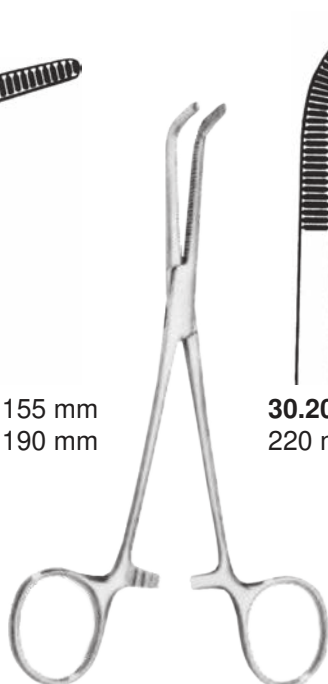
30.2009	30.2010	30.2011	30.2012
Rumel			
230 mm			



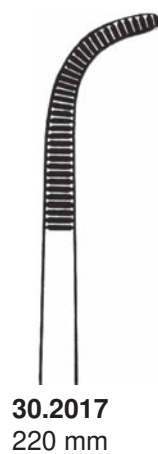
30.2013
Crafoord
240 mm



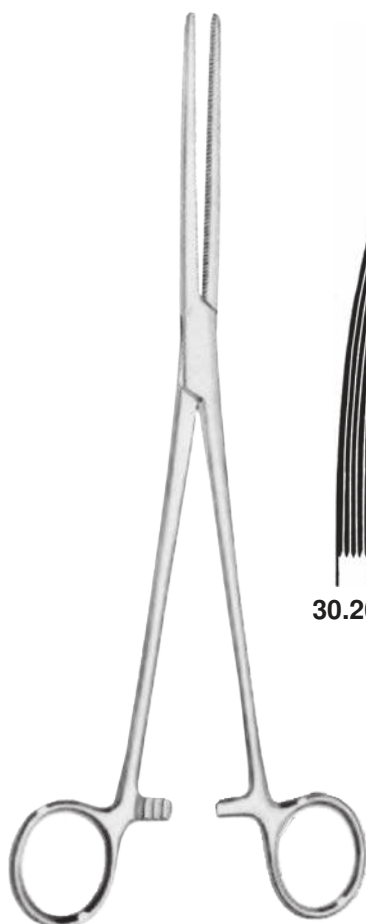
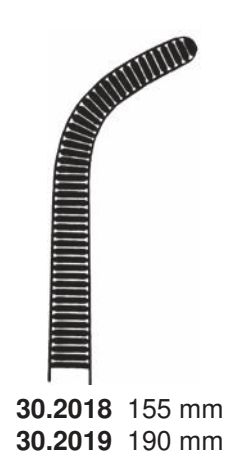
Mixer-Baby
30.2014 140 mm



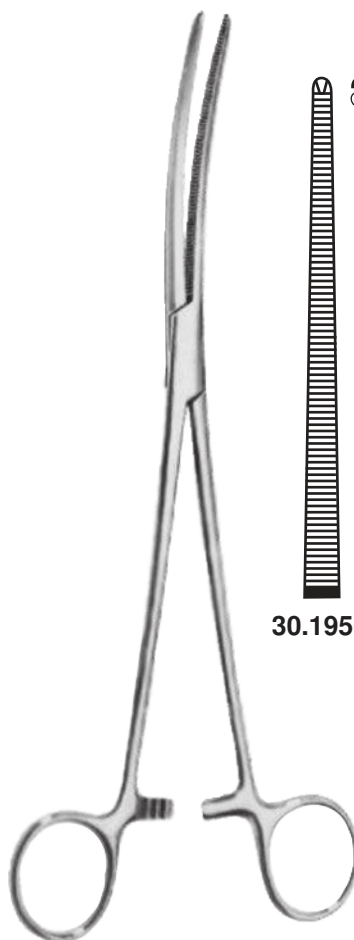
Mixer



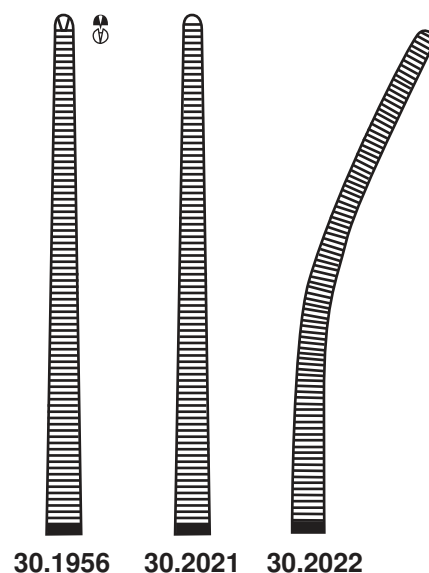
Mixer-O'Shaugnessy

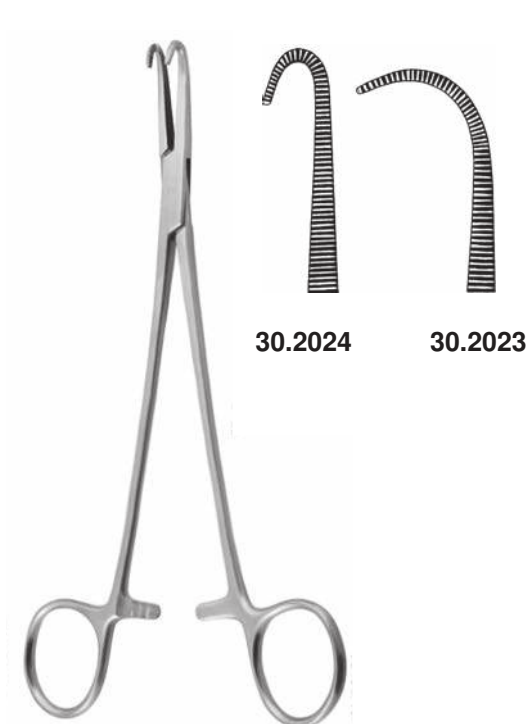


Crafoord-Sellers 240 mm



Sarot 240 mm





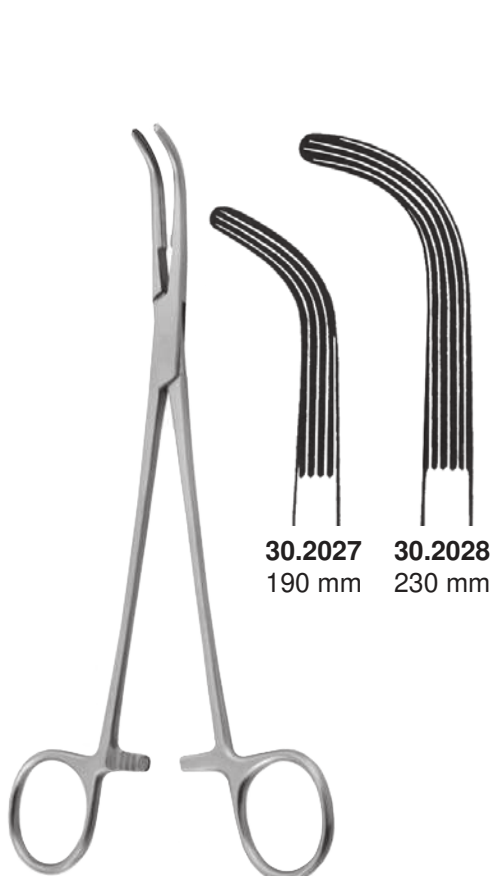
Negus
190 mm



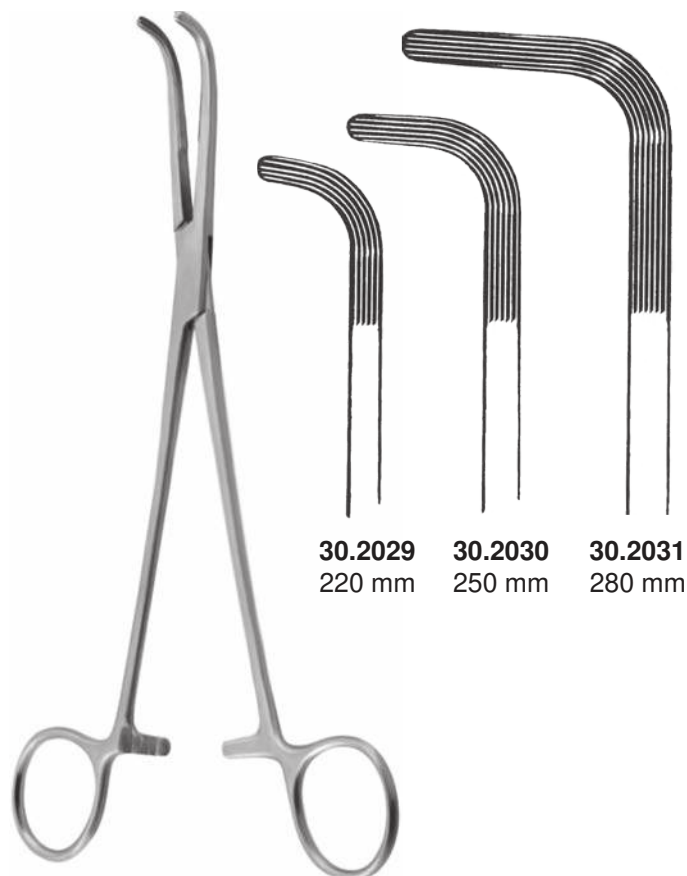
Johns Hopkins
30.2025
200 mm



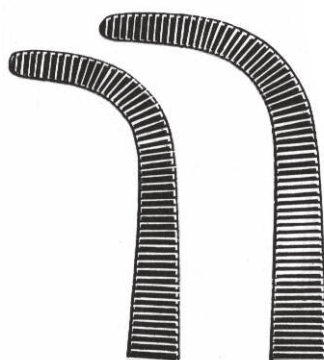
Lower
30.2026
180 mm



Lahey

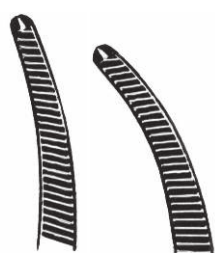


Mixer



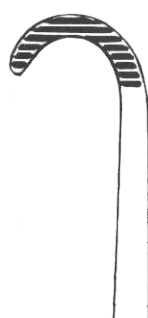
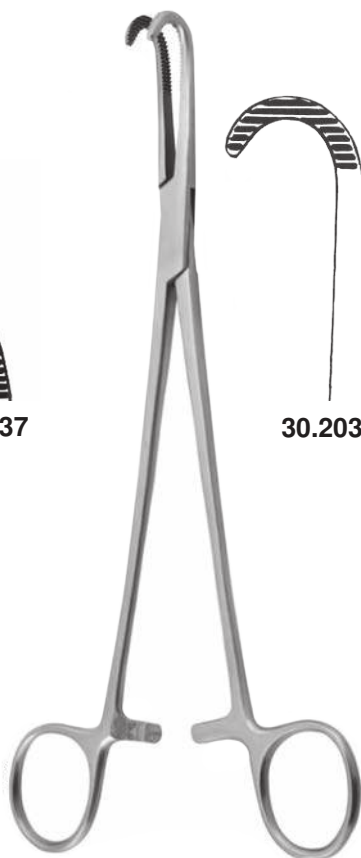
30.2032 220 mm
30.2033 230 mm

Gray



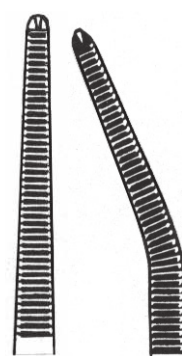
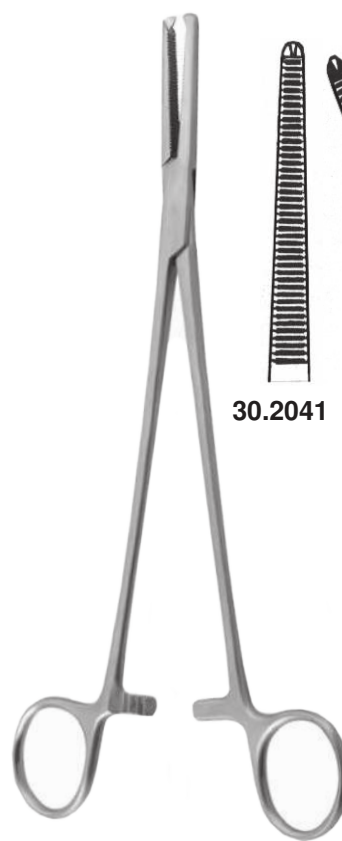
30.2036 30.2037
200 mm

Faure



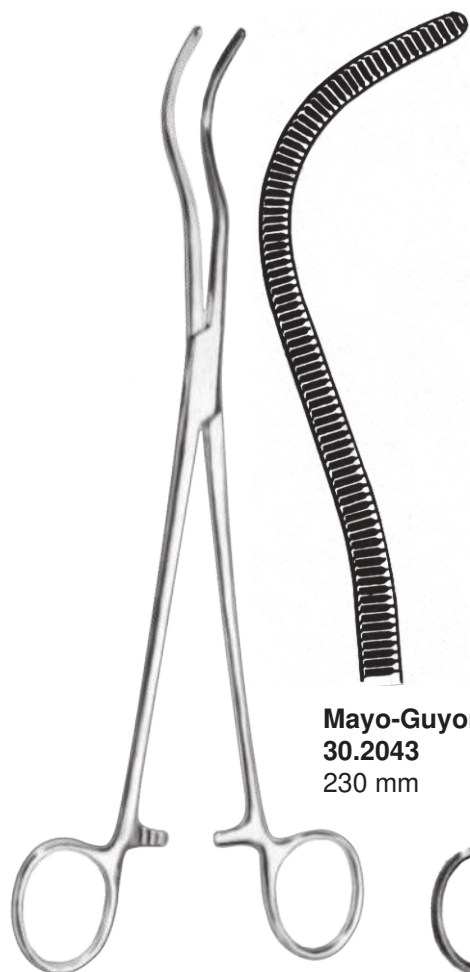
30.2039

Desjardins 210 mm

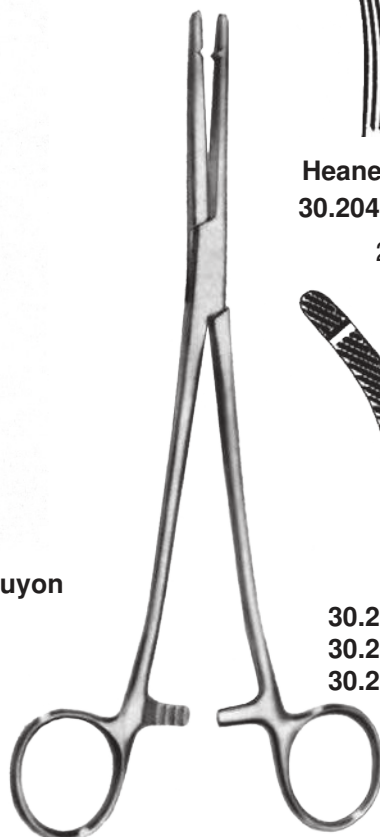


30.2041 **30.2042**

Phaneuf 210 mm

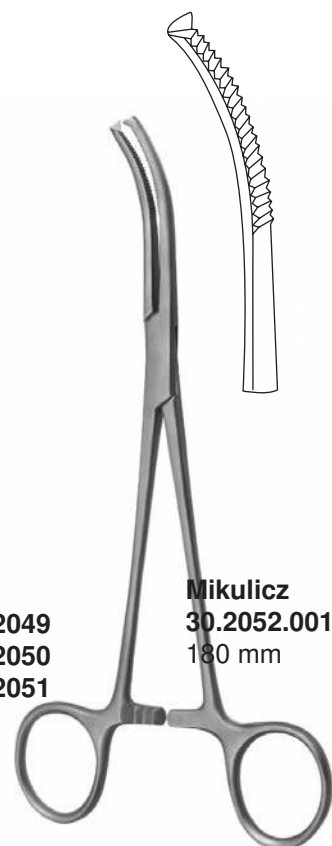


Mayo-Guyon
30.2043
230 mm



Heaney-Ballentine
30.2044 30.2045
210 mm

Heaney
30.2046 190 mm **30.2049**
30.2047 210 mm **30.2050**
30.2048 230 mm **30.2051**

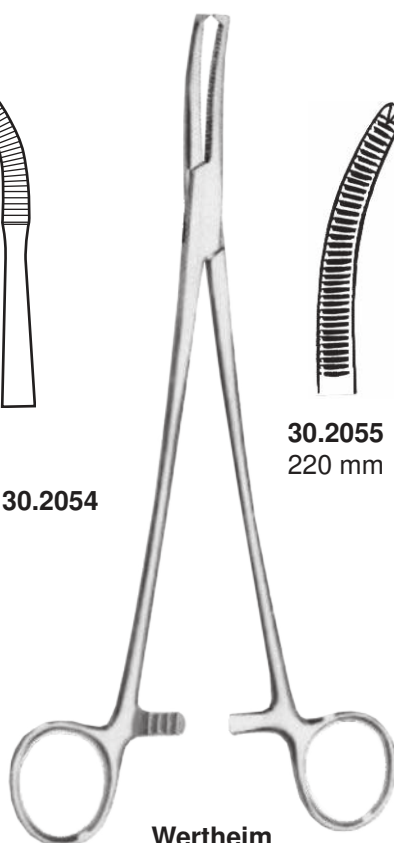


Mikulicz
30.2052.001
180 mm



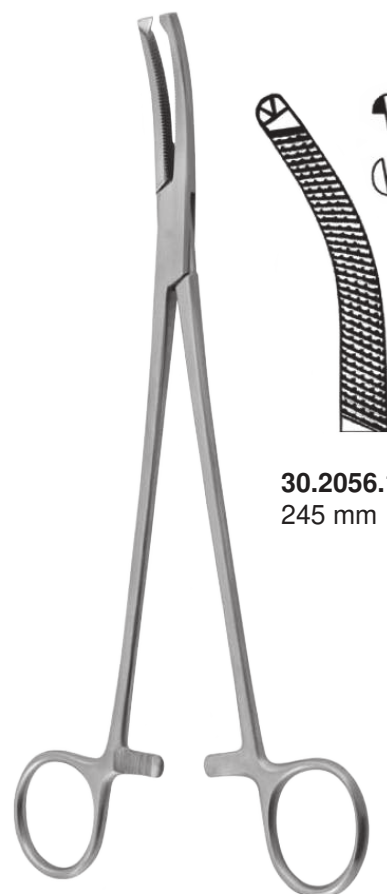
Mikulicz

30.2052.140 140 mm
30.2052.000 180 mm
30.2053.000 200 mm **30.2054**

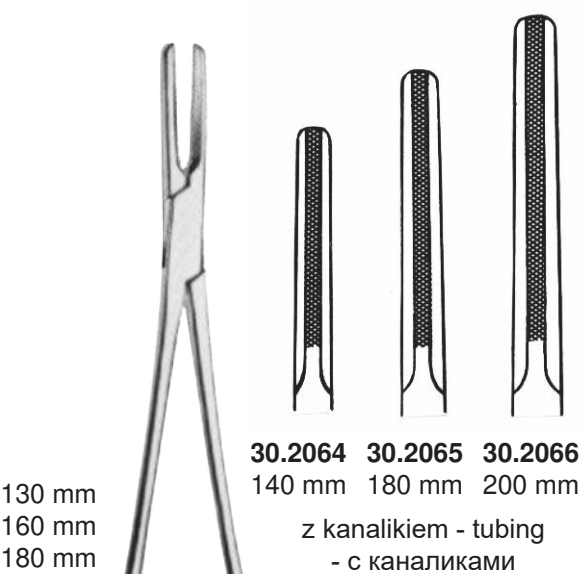
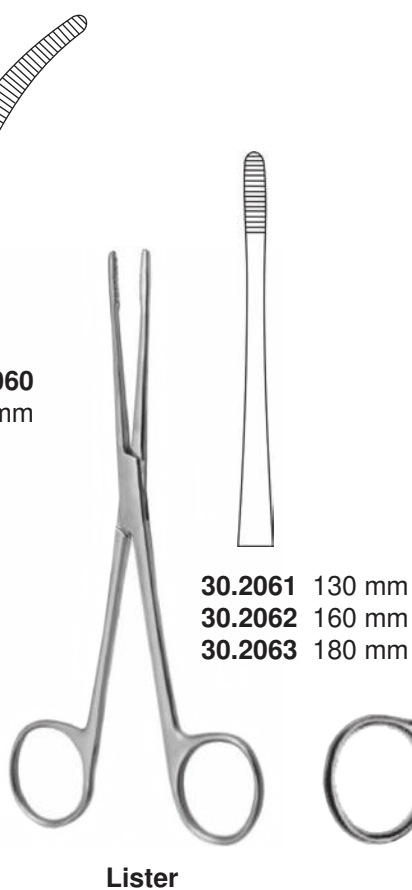
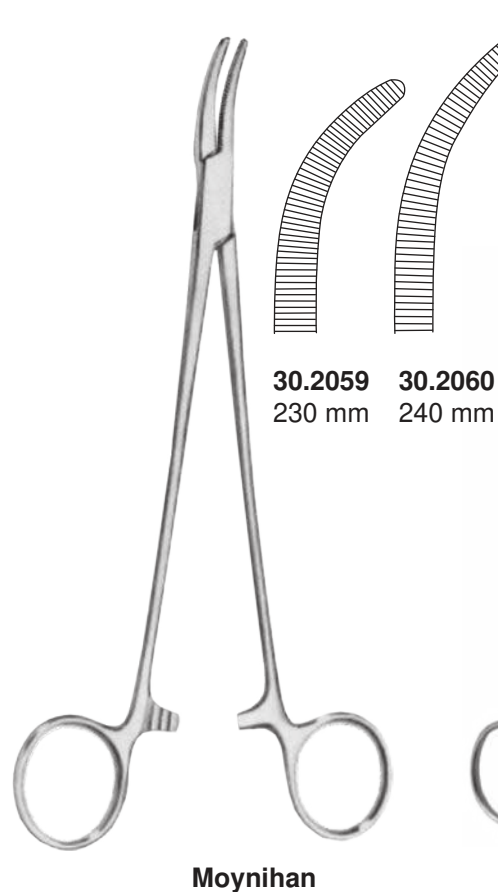
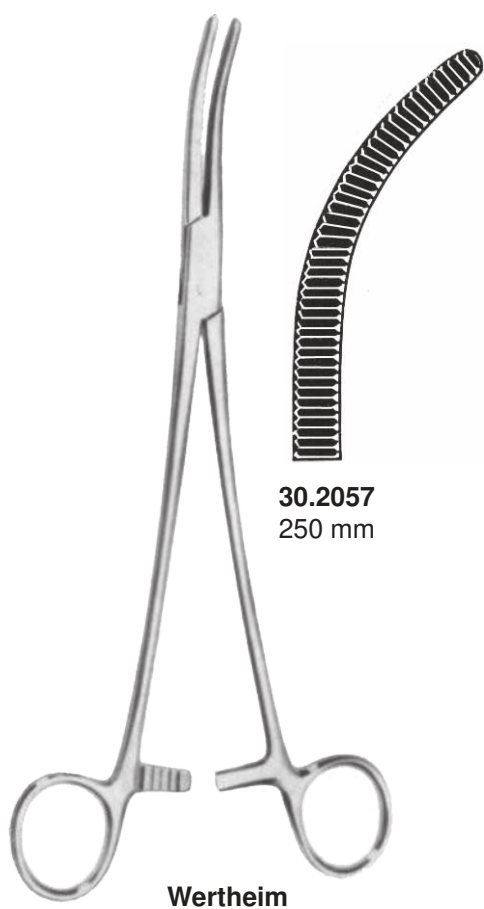


Wertheim

30.2055
220 mm

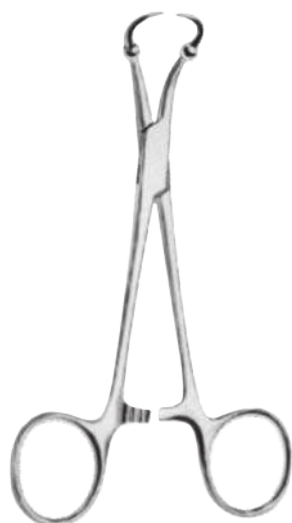


30.2056.100
245 mm





Lane
30.2067 200 mm



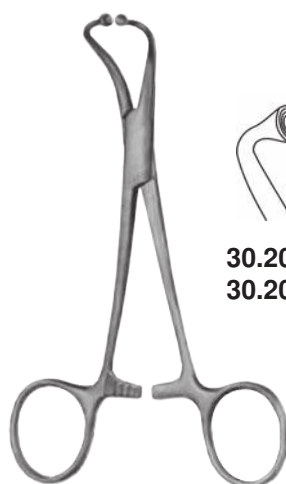
Roeder
30.2068 130 mm
30.2069 150 mm



Backhaus
30.2070 90 mm
30.2071 110 mm
30.2072 130 mm
30.2073 150 mm



Lorna
30.2074 100 mm
30.2075 130 mm



30.2076 110 mm
30.2077 130 mm



30.2078 110 mm
30.2079 130 mm



Doyen
30.2080 180 mm



Jones
30.2082 90 mm



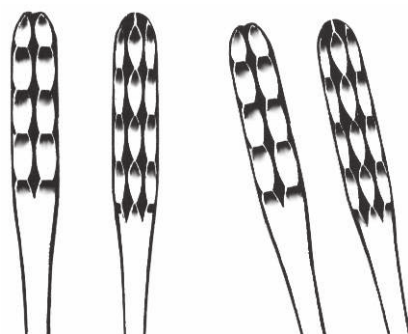
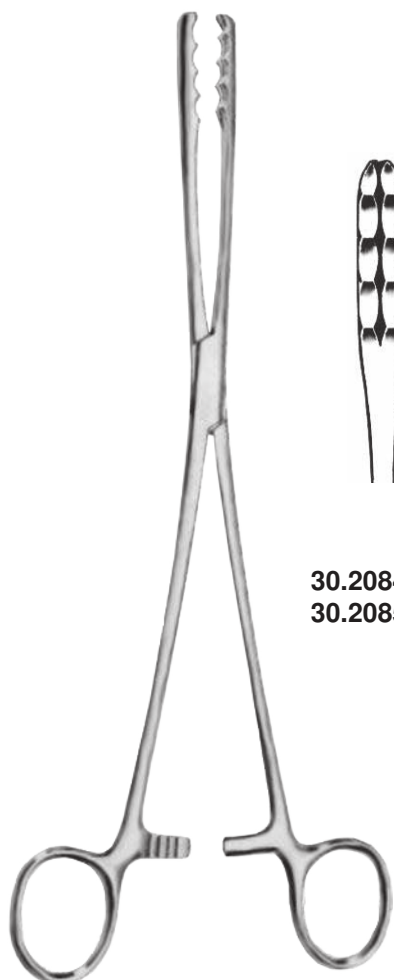
Ombredanne
30.2083 135 mm



30.2089.000
30.2089.250



Gross
200mm 30.2090.000
250mm 30.2090.250



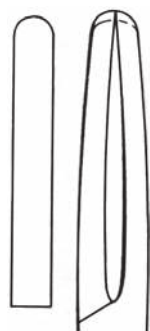
Ulrich
30.2084 200 mm
30.2085 250 mm
30.2086 200 mm
30.2087 250 mm



Pears
30.2088 145 mm



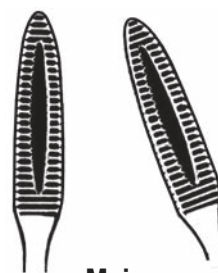
Thomas
30.2091 100 mm
30.2092 130 mm



gładkie
smooth
гладкие

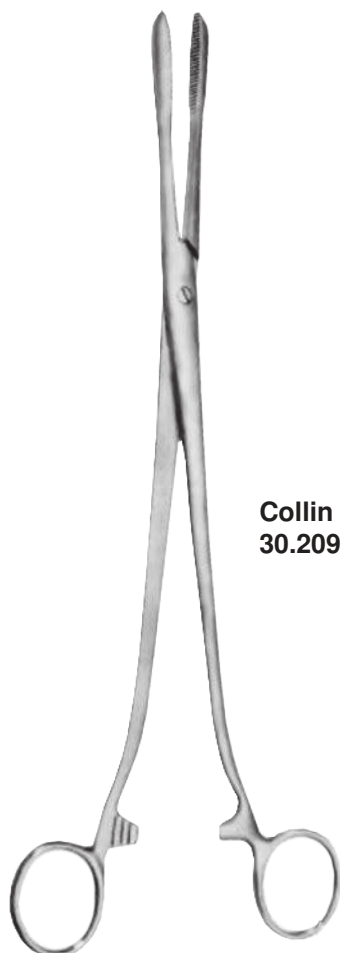


Presbyterian
30.2093 160 mm

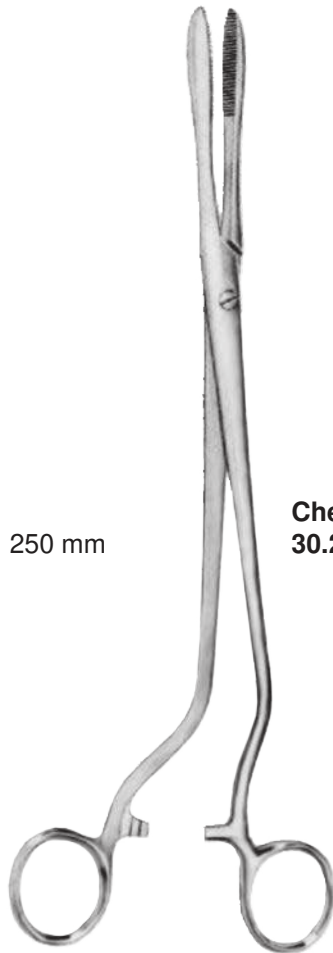


Maier

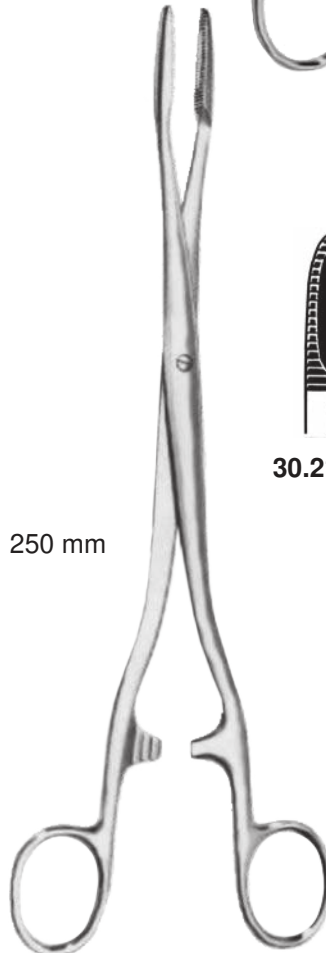
30.2094 220 mm 30.2096
30.2095 250 mm 30.2097
30.2095.270 270 mm 30.2097.270



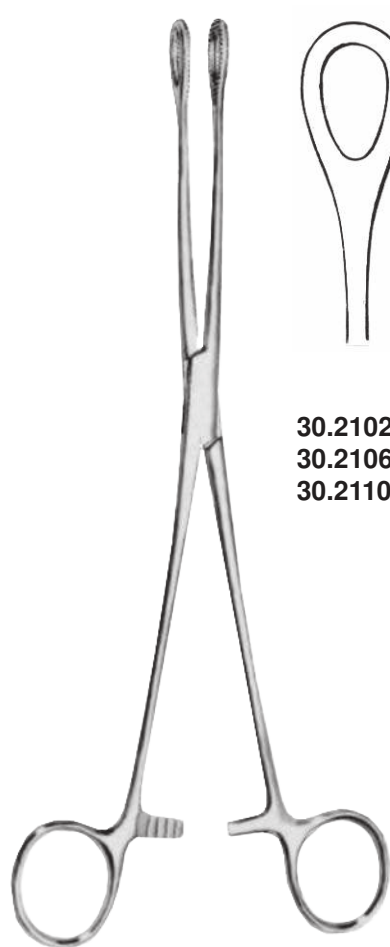
Collin
30.2098 250 mm



Cheron
30.2099 250 mm



30.2100 30.2101
Duplay
250 mm



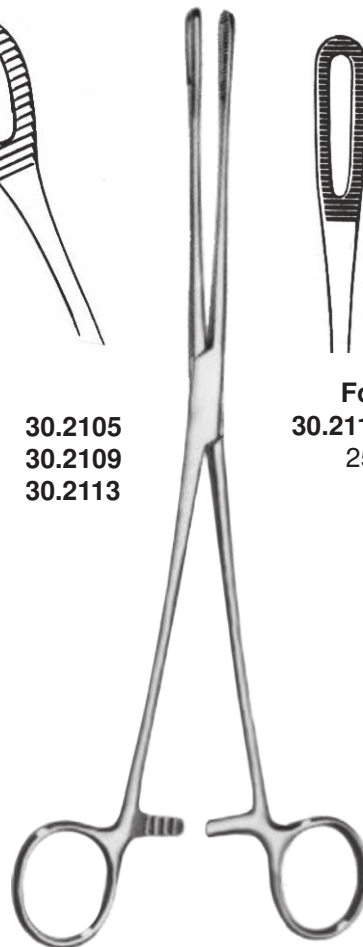
30.2102
30.2106
30.2110

30.2103
30.2107
30.2111

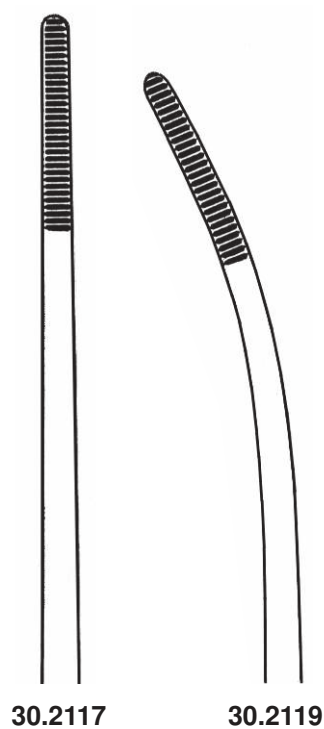
Foerster
180 mm
200 mm
250 mm

30.2104
30.2108
30.2112

30.2105
30.2109
30.2113



Foerster
30.2114 30.2115
250 mm



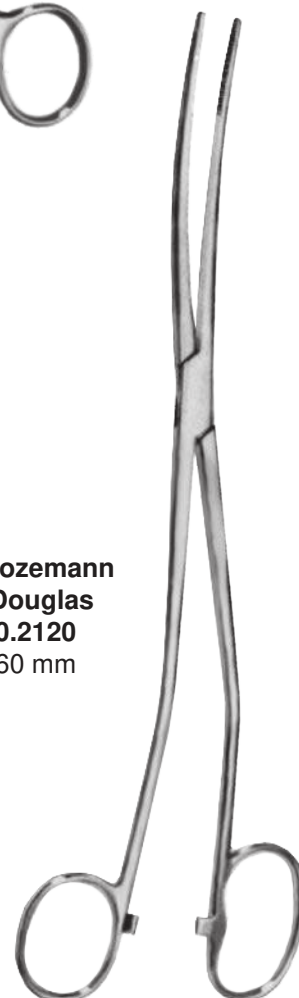
30.2117

30.2119

Bozemann 260 mm

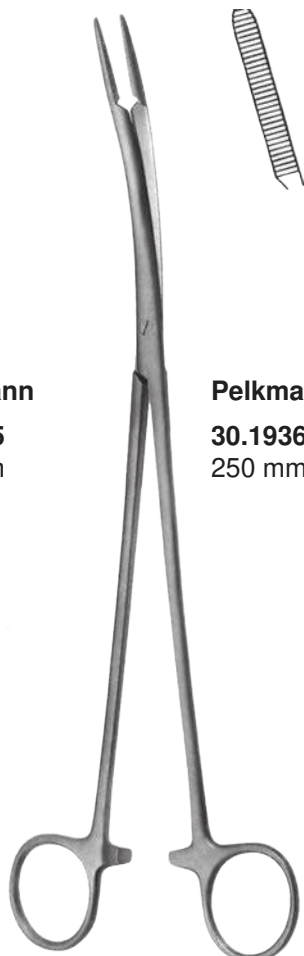


**Bozemann
-Douglas**
30.2120
260 mm

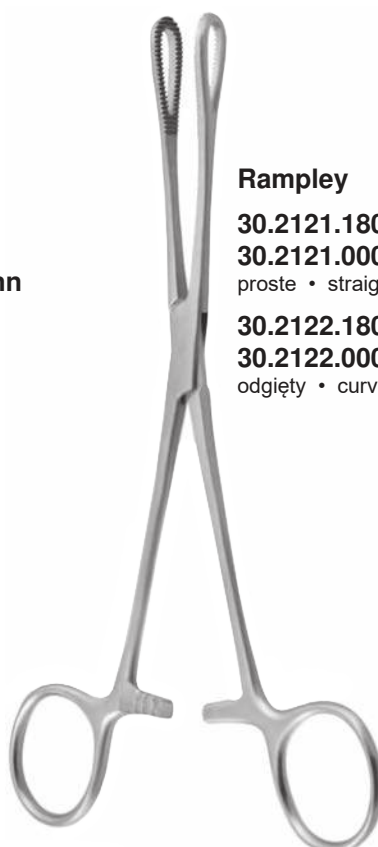
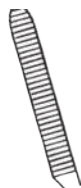




Pelkmann
30.1935
250 mm



Pelkmann
30.1936
250 mm



Rampley

30.2121.180 180 mm

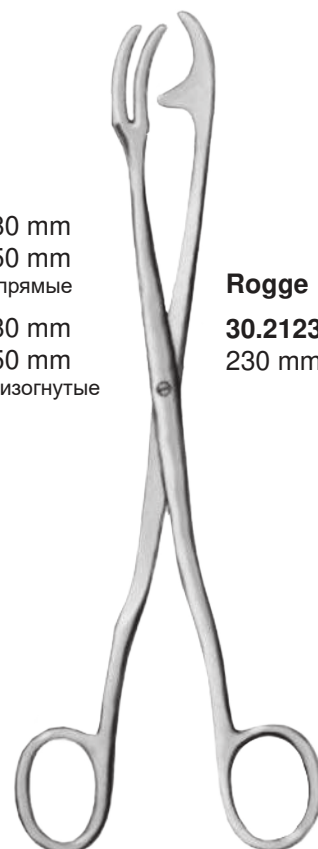
30.2121.000 250 mm

proste • straight • прямые

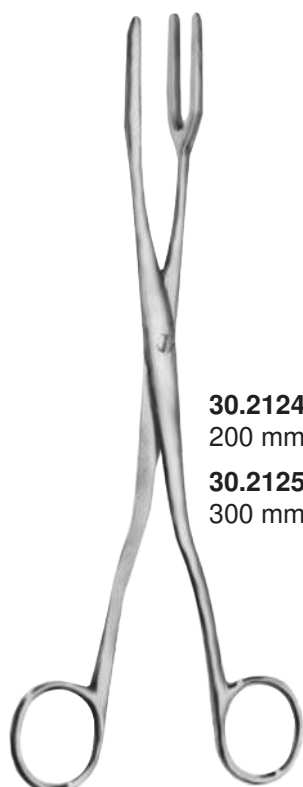
30.2122.180 180 mm

30.2122.000 250 mm

odgięty • curved • изогнутые



Rogge
30.2123
230 mm



30.2124
200 mm

30.2125
300 mm



Davis

30.2127 160 mm

30.2128 200 mm

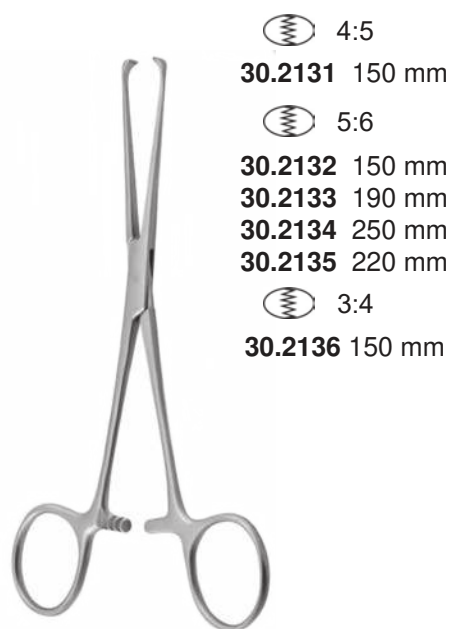
30.2129 240 mm



Pennington

30.2130.150 150 mm

30.2130.000 200 mm



Allis



Allis-Baby



Allis-Adair



Judd-Allis
30.2140 150 mm
30.2141 190 mm



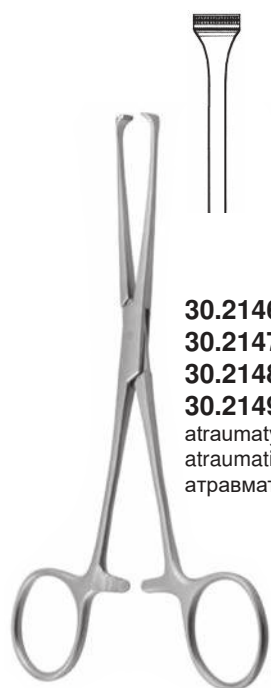
Boys-Allis
30.2142 150 mm



Thoms-Allis
30.2143 200 mm

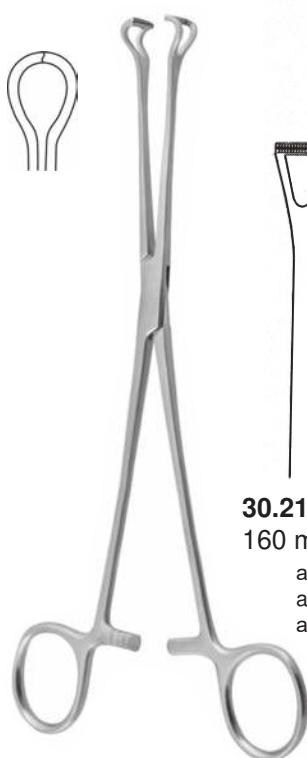


Lockwood-Allis
30.2144 160 mm
30.2145 200 mm



30.2146 155 mm
30.2147 200 mm
30.2148 220 mm
30.2149 250 mm
atraumatyczne
atraumatic
атравматические

Allis



30.2150 160 mm
30.2151 210 mm
atraumatyczne
atraumatic
атравматические

Babcock



30.2152 140 mm
30.2153 160 mm
30.2154 180 mm
30.2155 200 mm
30.2156 240 mm

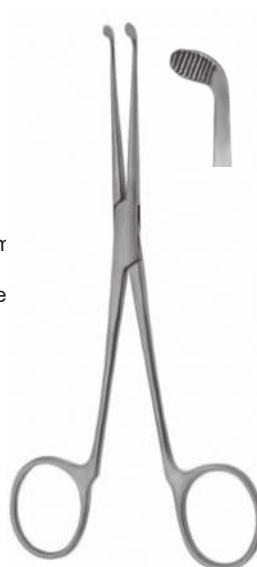
Babcock



30.2158 150 mm
30.2159 210 mm
30.2160 290 mm
30.2161 350 mm
bez trzpienia
without pin
без стержня

30.2162
30.2163
30.2164
30.2165
z trzpieniem
with pin
со стержне

Payr



Benson
30.2157 155 mm



Williams
30.2166.016 160 mm

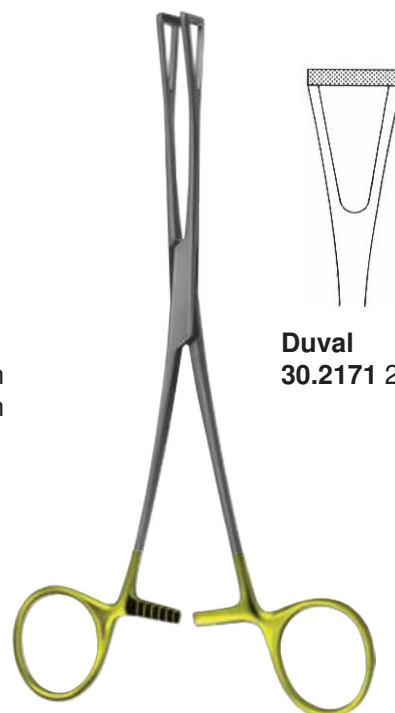
z utwardzoną wkładką • with T/C jaws • с усиленными губками



Babcock
30.2167 160 mm
30.2168 200 mm



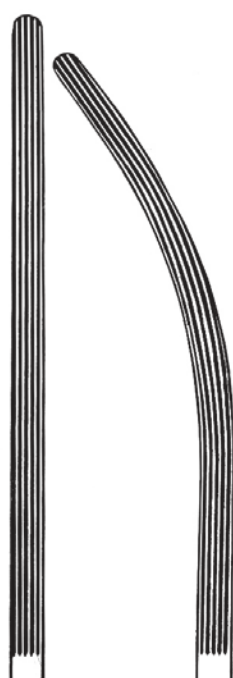
Allis
30.2169 160 mm
30.2170 190 mm



Duval
30.2171 200 mm



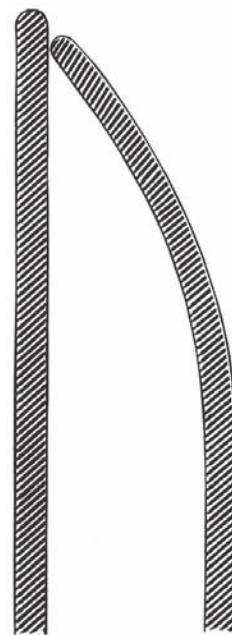
Mayo-Robson



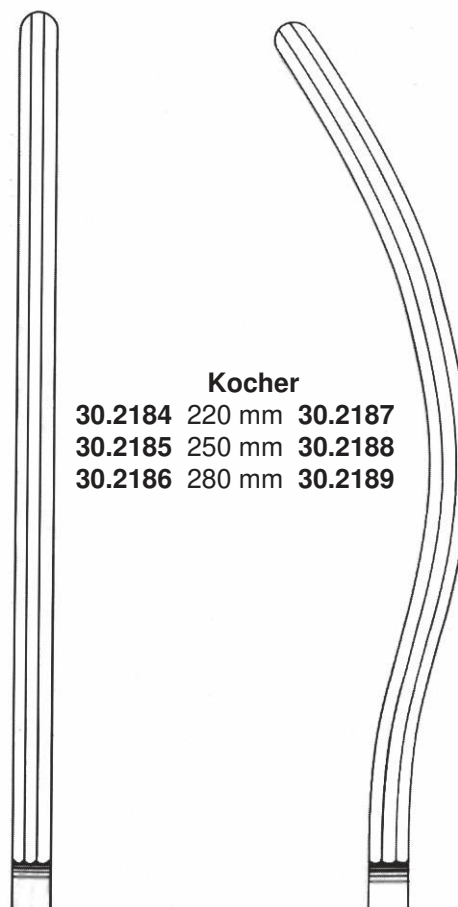
30.2172 210 mm 30.2175
30.2173 230 mm 30.2176
30.2174 250 mm 30.2177



Doyen

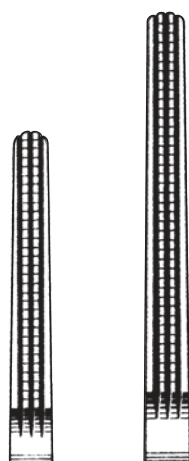


30.2178 170 mm 30.2181
30.2179 210 mm 30.2182
30.2180 230 mm 30.2183

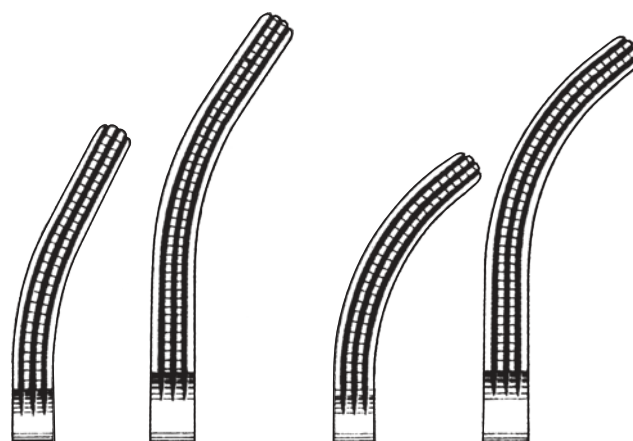


Kocher
30.2184 220 mm **30.2187**
30.2185 250 mm **30.2188**
30.2186 280 mm **30.2189**

atraumatyczne • atraumatic • атравматические



30.1947 220 mm
30.1948 255 mm



Rogers
30.1949 215 mm
30.1950 250 mm

30.1951 210mm
30.1952 245 mm

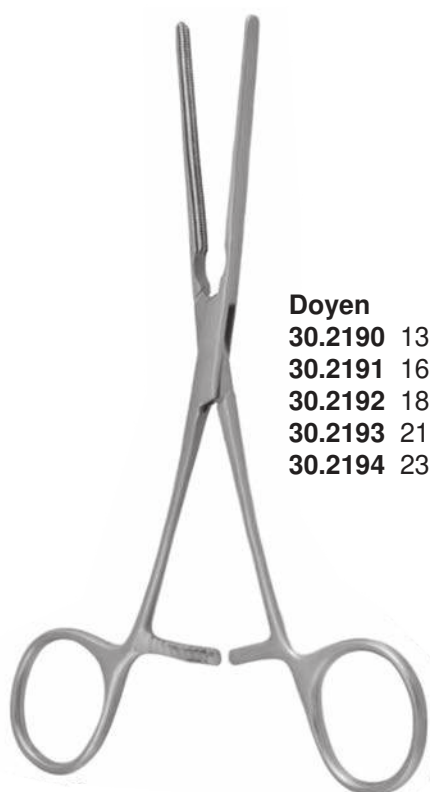
atraumatyczne • atraumatic • атравматические



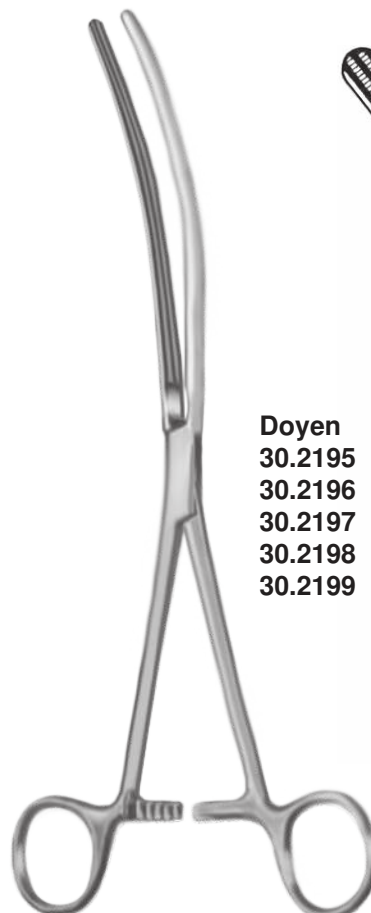
30.0079.025 25cm



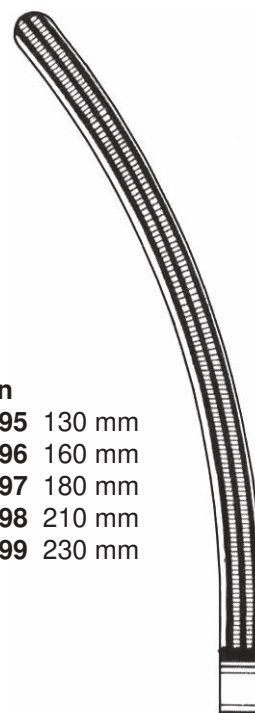
30.0079.026 26cm



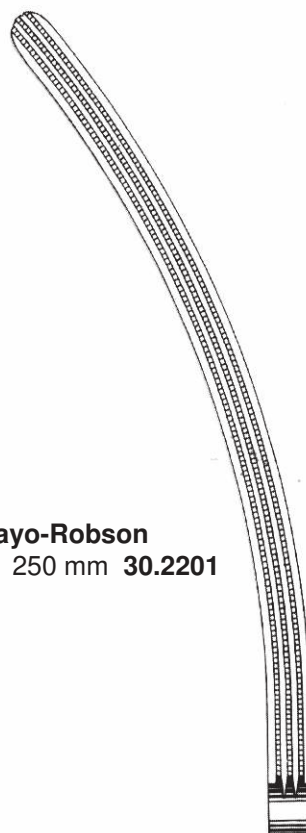
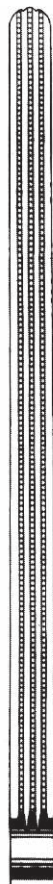
Doyen
30.2190 130 mm
30.2191 160 mm
30.2192 180 mm
30.2193 210 mm
30.2194 230 mm



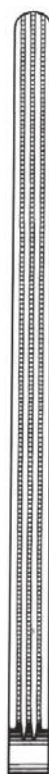
Doyen
30.2195 130 mm
30.2196 160 mm
30.2197 180 mm
30.2198 210 mm
30.2199 230 mm



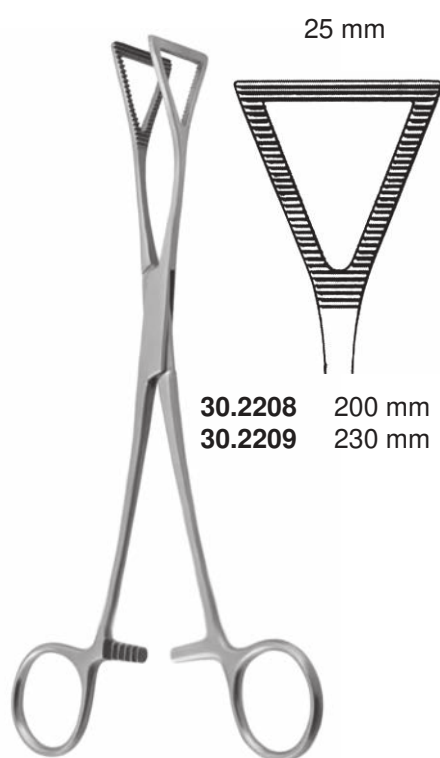
atraumatyczne - atraumatic- атравматические



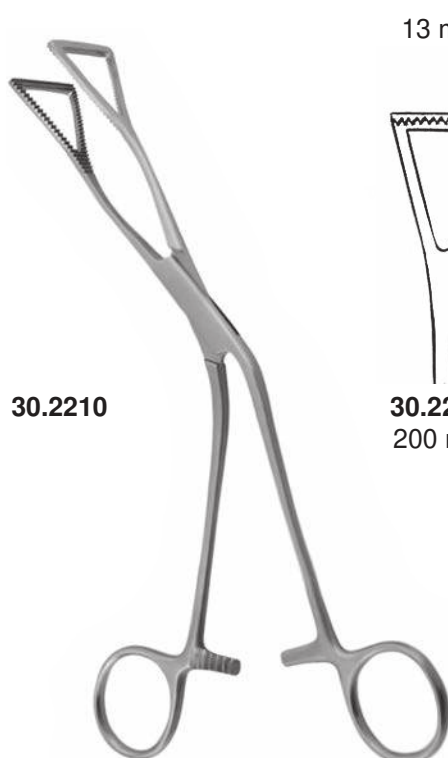
Mayo-Robson
30.2200 250 mm 30.2201



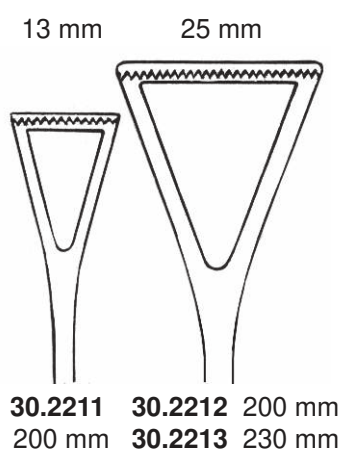
Kocher
30.2202 220 mm 30.2205
30.2203 250 mm 30.2206
30.2204 280 mm 30.2207



Duval



Lovelace



Collin



Price-Thomas
30.2214 225 mm



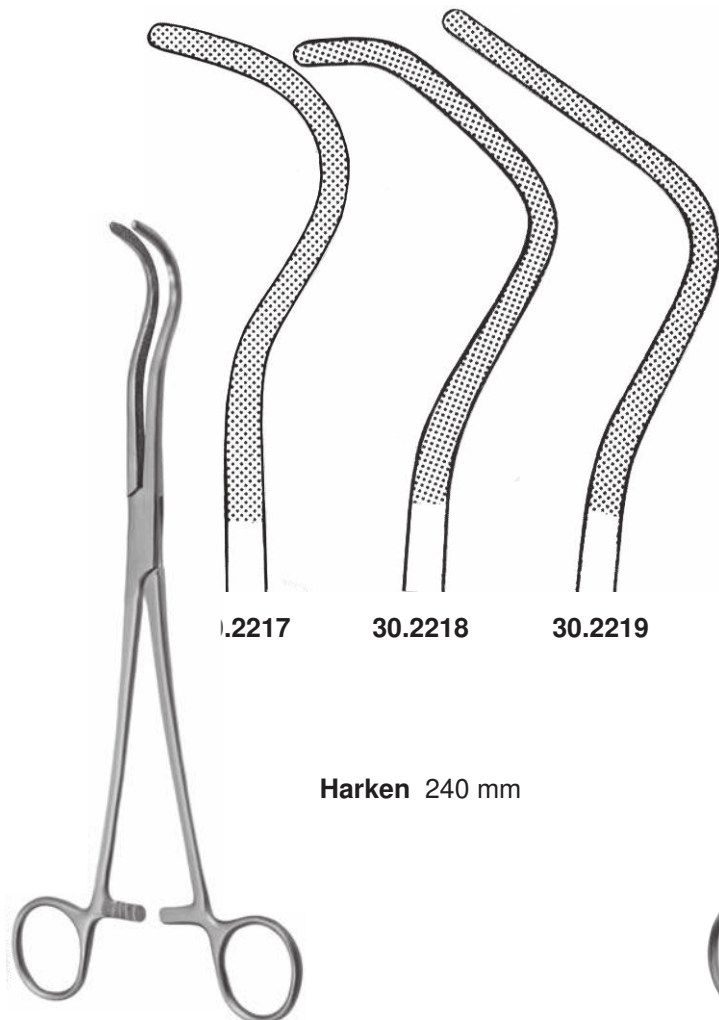
Price-Thomas
225 mm



30.2215



30.2216

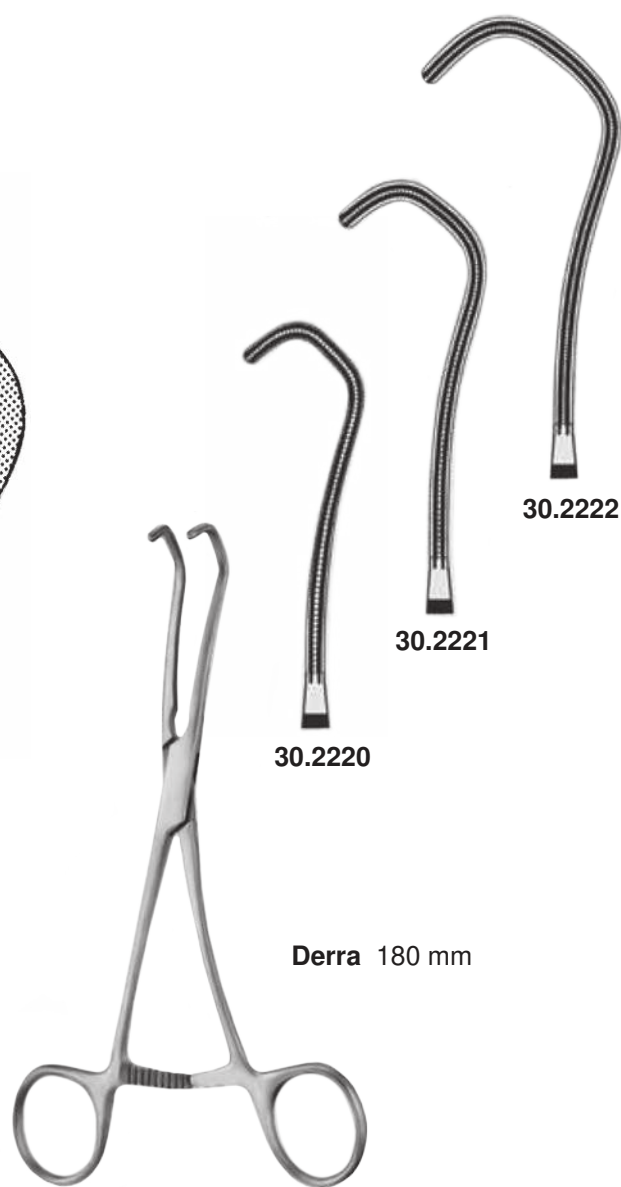


30.2217

30.2218

30.2219

Harken 240 mm



30.2220

30.2221

30.2222

Derra 180 mm



Trousseau
30.2223 140 mm



Laborde
30.2224 140 mm



Satinsky 265 mm

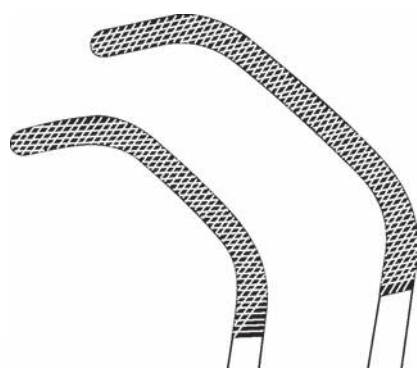


Fig. 1
30.2225

Fig. 2
30.2226



Satinsky 265 mm

Fig. 1
30.2227

Fig. 2
30.2228

kształt S
S-shaped
форма S

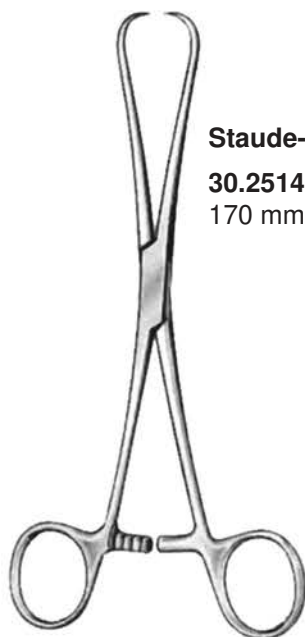


Baby-Satinsky
30.2229 150 mm



Schröder
30.2512
proste
straight
прямые

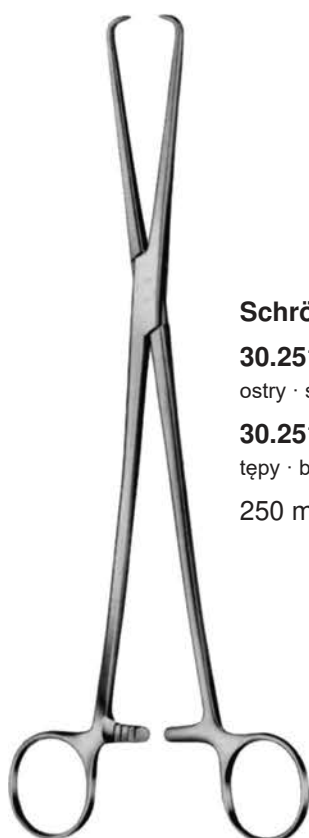
30.2513
odgięte do przodu
curved forwards
изогнутые вперед
240 mm



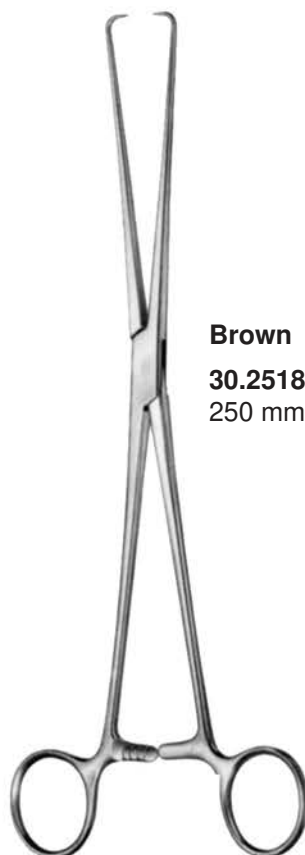
Staude-Moore
30.2514
170 mm



Czerny
30.2515
200 mm



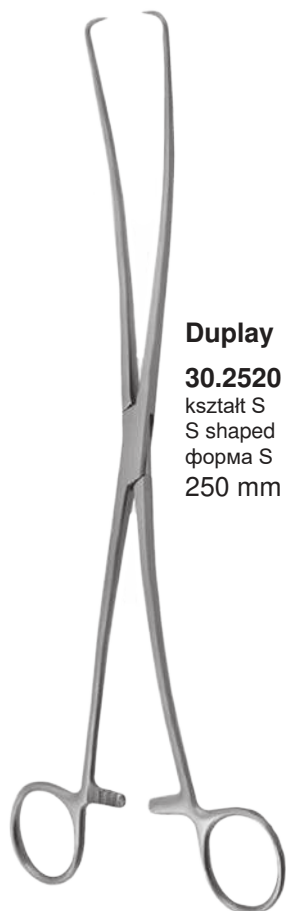
Schröder-Brown
30.2516
ostrzy · sharp · острый
30.2517
tępy · blunt · тупый
250 mm



Brown
30.2518
250 mm



Teale
30.2519
230 mm



Duplay

30.2520
kształt S
S shaped
форма S
250 mm



Skene

30.2521
240 mm

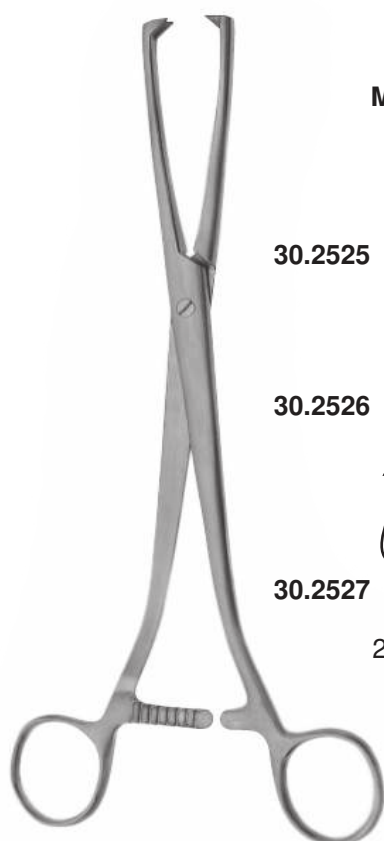


Jacobs

30.2522
proste • straight • прямые

30.2523
odgięte do przodu
curved forwards
изогнутые вперёд

30.2524
odgięte w bok
curved sideways
изогнутые на бок
210 mm



Museux



30.2525 6 mm **30.2528**



30.2526 8 mm **30.2529**



30.2527 10 mm **30.2530**

240 mm

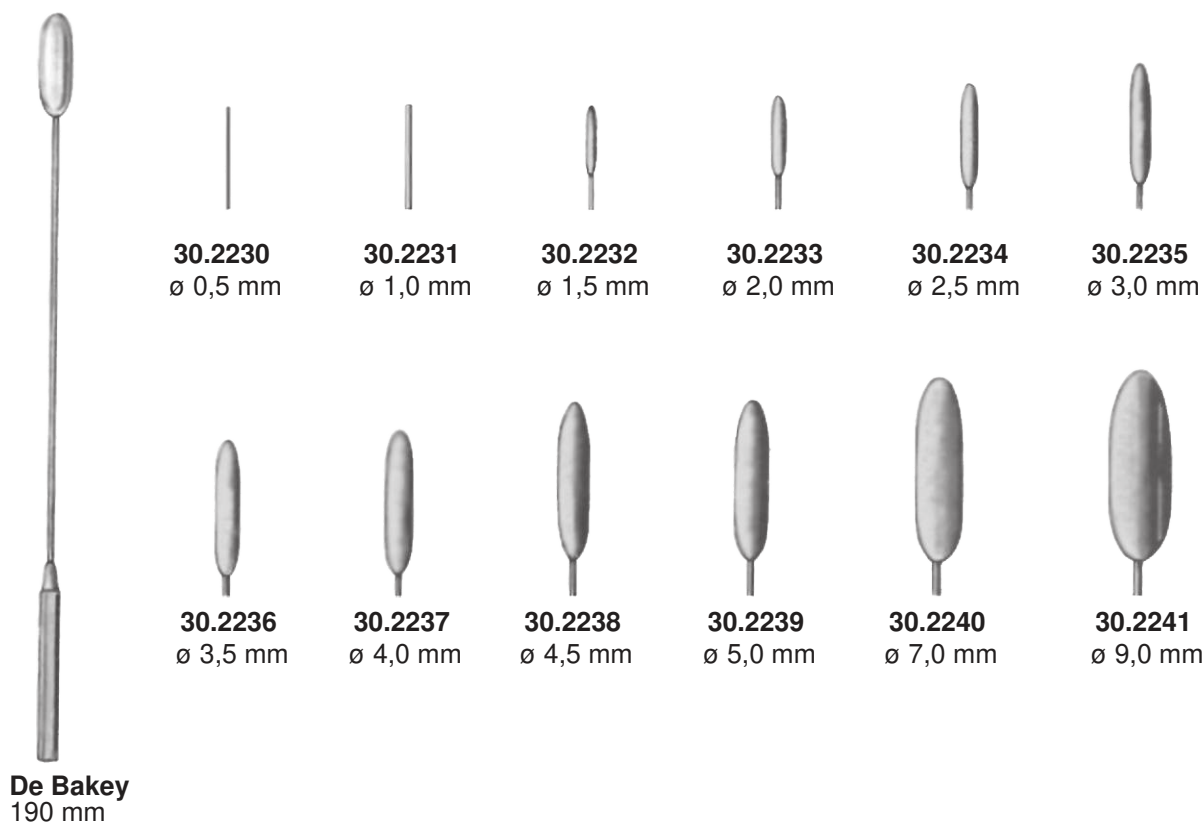
odgięte w bok
curved sideways
изогнутые на бок



Pozzi

30.2590.180
180 mm
30.2590.250
250 mm





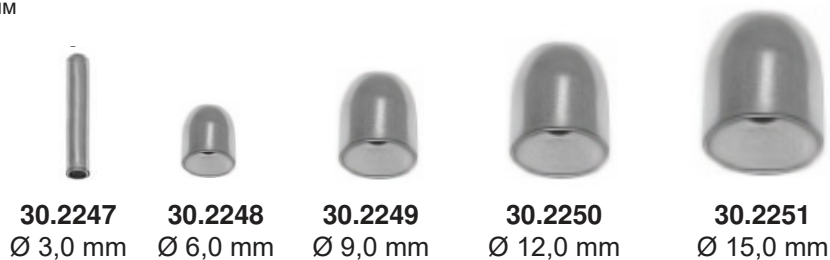
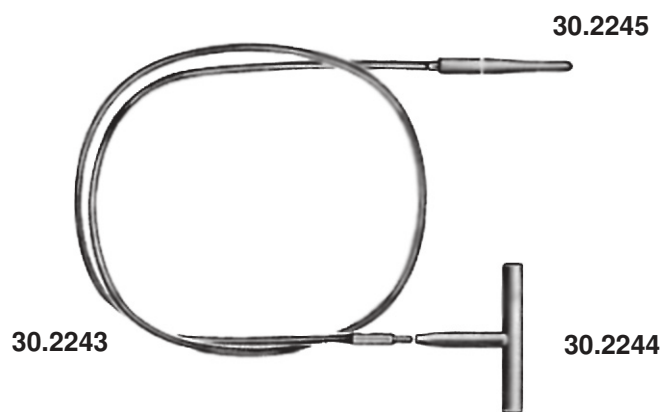
Nabattoff 30.2242

135x100x25 mm

Komplet nie zawiera końcówki Ø15 mm

Set does not include the olive of Ø15 mm

Набор не включает оливы Ø15 мм





30.3510.000 140 mm



30.3510.115 115 mm
30.3510.130 130 mm
30.3510.145 145 mm
30.3510.160 160 mm
30.3510.180 180 mm
30.3510.200 200 mm



30.3511.115 115 mm
30.3511.130 130 mm
30.3511.145 145 mm
30.3511.160 160 mm
30.3511.180 180 mm



30.3512.160 160 mm



30.3512.200 200 mm



30.2266
Ø 4 mm

Mayo 320 mm
giętka
malleable
пружинчатая



30.2267
4 mm

30.2268
5 mm

30.2269
6 mm



Desjardins 280 mm
elastyczna
flexible
эластичная



1 mm
30.2270

2 mm
30.2271

3 mm
30.2272

4 mm
30.2273

5 mm
30.2274

6 mm
30.2275

7 mm
30.2699

1/1

8 mm
30.2276

9 mm
30.2277

10 mm
30.2278

11 mm
30.2279

12 mm
30.2280

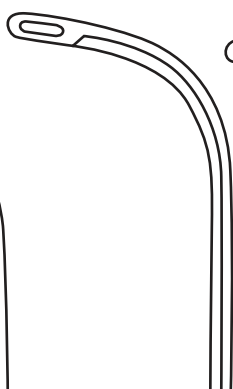
13 mm
30.2281

1/1

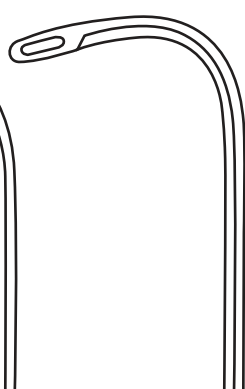
Bakes
300 mm



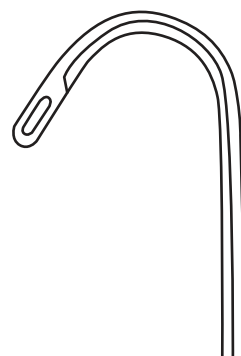
30.2252
230 mm



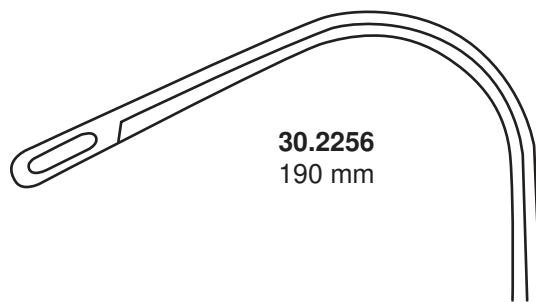
30.2253
220 mm



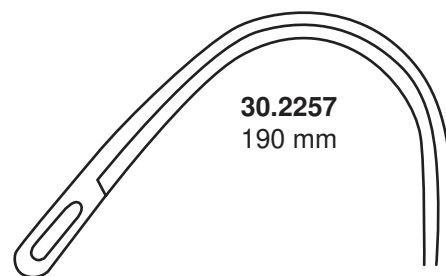
30.2254
220 mm



30.2255
220 mm



30.2256
190 mm



30.2257
190 mm



30.2258



30.2259



Mixer
30.2261 220 mm



Blake 200 mm
30.2262 **30.2263**



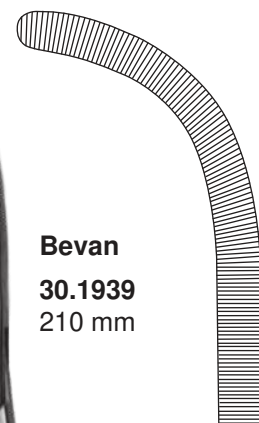
Mayo-Blake 200 mm
30.2264 **30.2265**



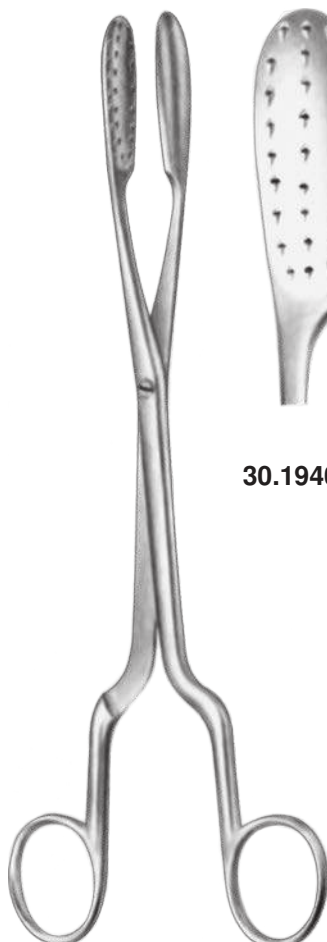
Rochester
30.1937
230 mm



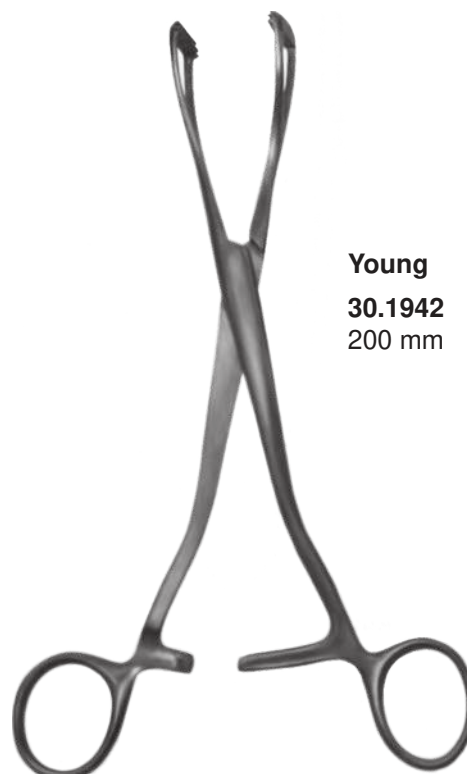
Best
30.1938
230 mm



Bevan
30.1939
210 mm



Lewkowitz
30.1940 245 mm **30.1941**



Young
30.1942
200 mm

hemoroidalne • haemorrhoidal • геморроидальные



McGivney
30.1943
190 mm



McGivney
30.1944
190 mm



Laufe
30.1945
200 mm



Pratt
30.1946
150 mm

do wprowadzania cewników • catheter • для поставки катетеров



Magill-Baby
30.1953
150 mm
dla dzieci
for children
для детей



Magill
30.1954
200 mm
dla dzieci
for children
для детей



Magill
30.1955
250 mm
dla dorosłych
for adults
для взрослых



Michel
30.4230
125 mm



Collin
30.4231
135 mm



Michel
30.4233
120 mm



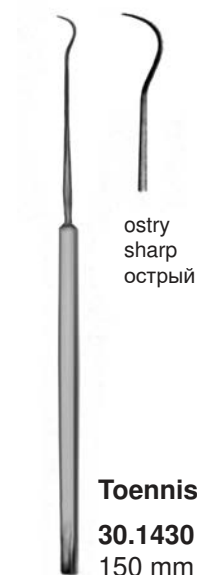
Michel
30.4234
120 mm



Hagenbarth
30.4235
125 mm



Wachenfeldt
30.4236
125 mm



13x6 mm



Graham
30.1431
165 mm



Adson
30.1432
200 mm



Adson
30.1433
200 mm

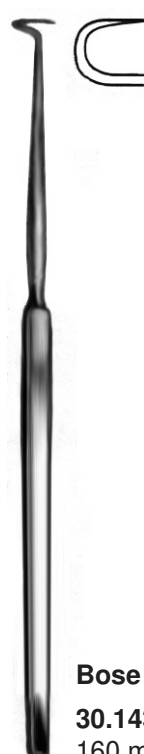


Hak do tarczycy
Thyroid gland retractor
Ранорасширитель для
щитовидной железы

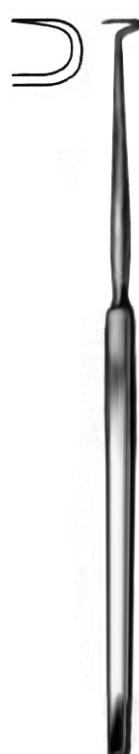
Schoenborn
30.1434
210 mm



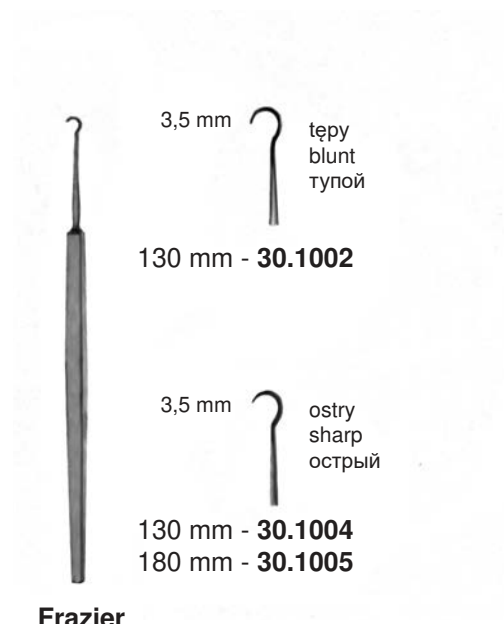
News
30.1435
150 mm

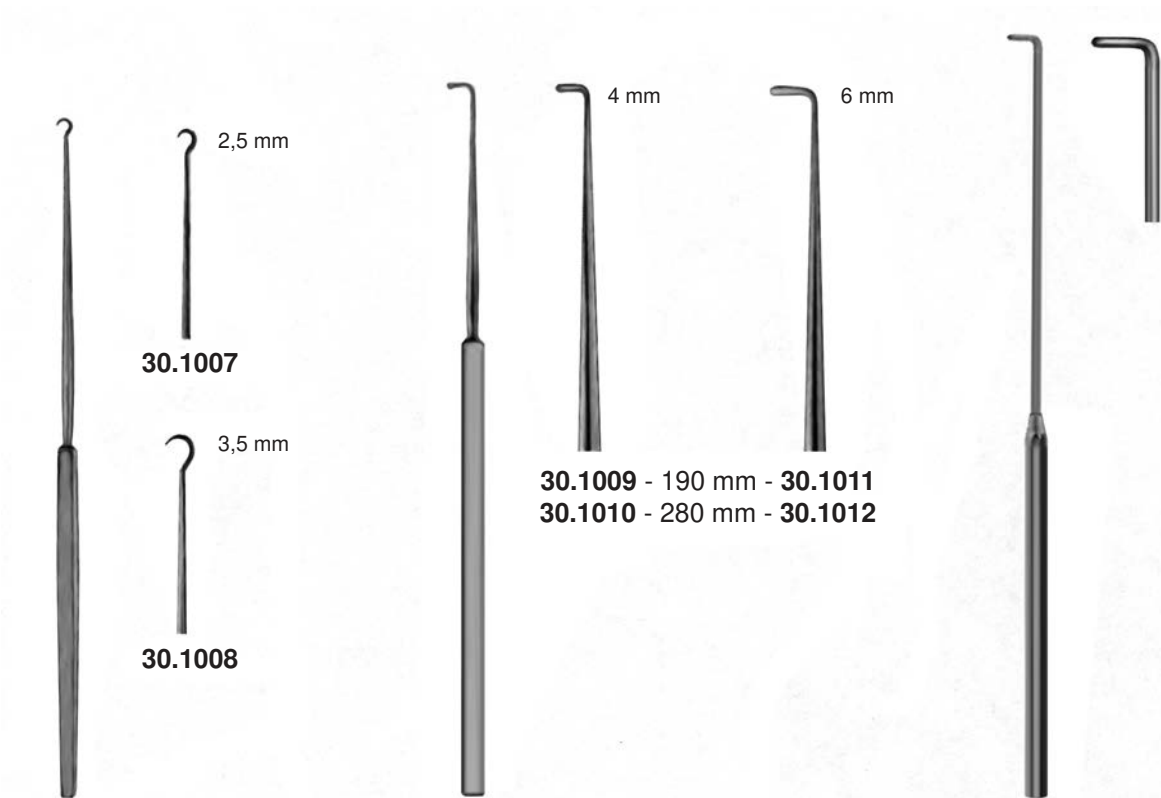


Bose
30.1436
160 mm

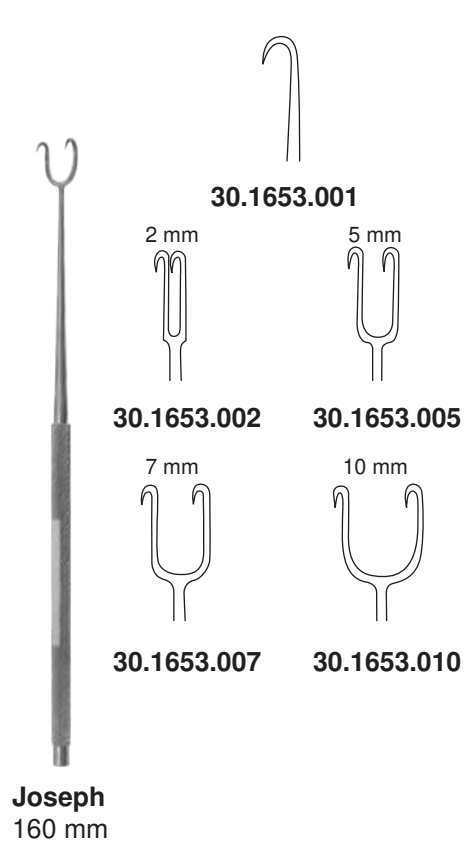
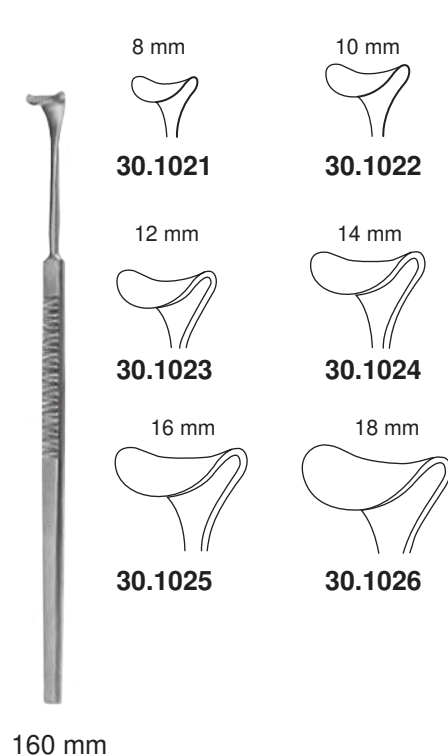
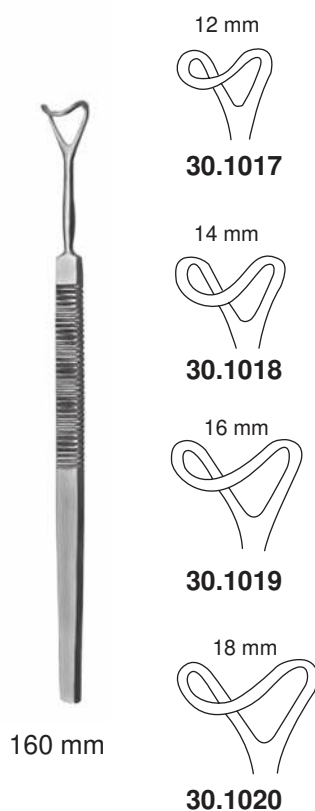


Bose
30.1437
160 mm


Frazier

Kilner
30.1006
150mm

Gillies
180 mm

Cushing
Crile
30.1013
200 mm





Graefe
30.1027
120 mm



Graefe
30.1028
120 mm



Jaeger
30.1029
130 mm



Jaeger
30.1030
130 mm



O'Connor
30.1031
120 mm



Guthrie
30.1032
120 mm



Guthrie
30.1033
120 mm



Wiener
30.1034
125 mm



Wiener
30.1035
125 mm

10x6 mm



30.1044

17x5 mm



30.1045

20x6 mm



30.1046

22x8 mm



30.1047

Mini-Langenbeck
160 mm



Lukens
30.1042
170 mm



Jackson
30.1043
170 mm





160 mm

tępy
blunt
тупой


30.1048



30.1049



30.1050



30.1051

ostry
sharp
острый


30.1052



30.1053



30.1054



30.1055



30.1056



30.1057



30.1058



30.1059

tępy
blunt
тупой


30.1060



30.1061



30.1062



30.1063

ostry
sharp
острый


160 mm



160 mm

tępy
blunt
тупой


30.1064



30.1065



30.1066



30.1067

ostry
sharp
острый


30.1068



30.1069

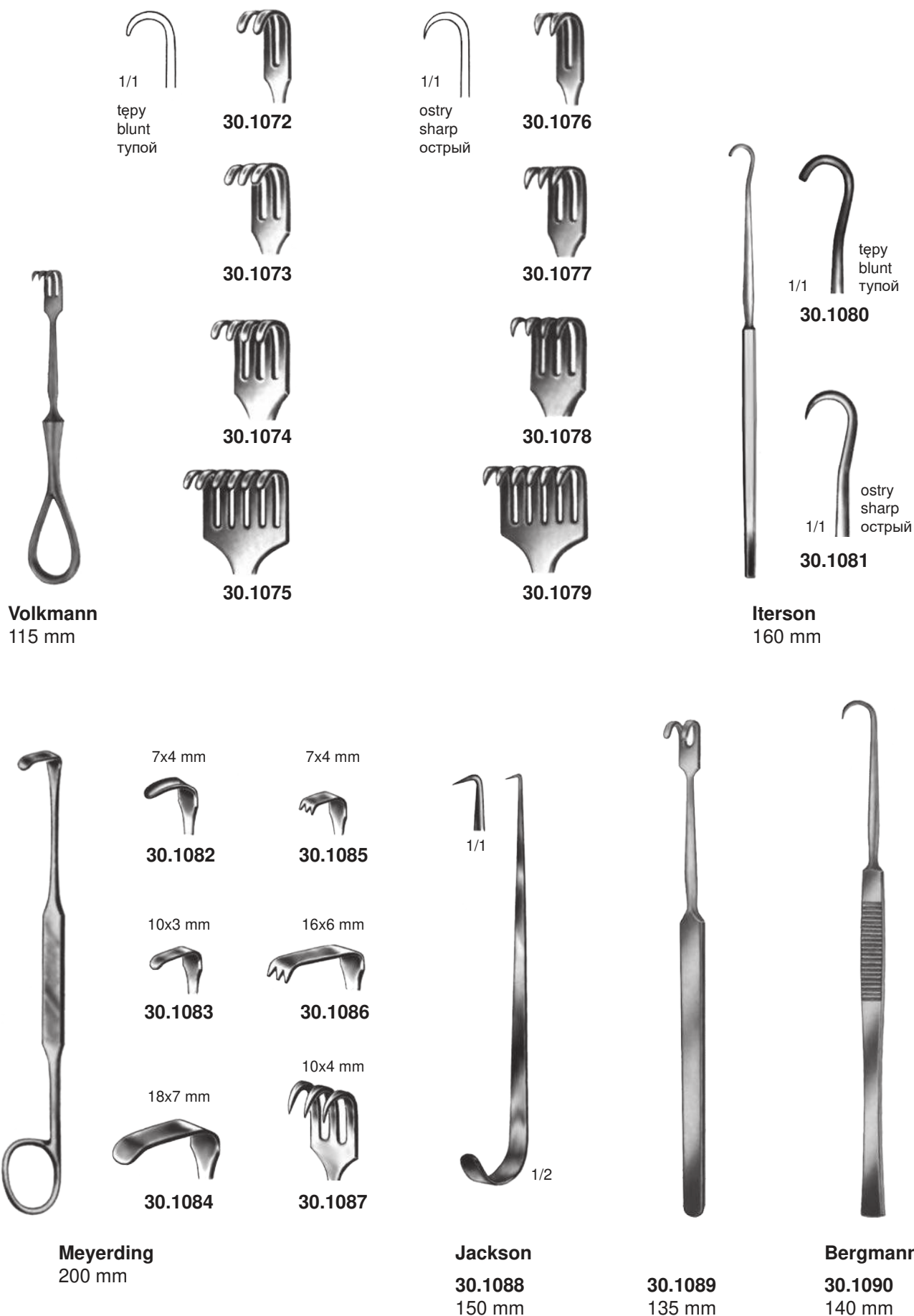


30.1070



30.1071

giętki
flexible
гибкий





30.1091 8 mm
30.1092 11 mm
30.1093 15 mm
30.1094 17 mm
30.1095 20 mm
30.1096 23 mm

Gil-Vernet
240 mm



30.1098 15 mm
30.1099 20 mm

Love (Morse)
250 mm



12x14 mm

Little
30.1103
200 mm



Cushing
200 mm

8 mm



30.1104

10 mm



30.1105

12 mm



30.1106

14 mm



30.1107

16 mm



30.1108

18 mm



30.1109



Cushing
240 mm

8 mm



30.1110

10 mm



30.1111

12 mm



30.1112

14 mm



30.1113

16 mm

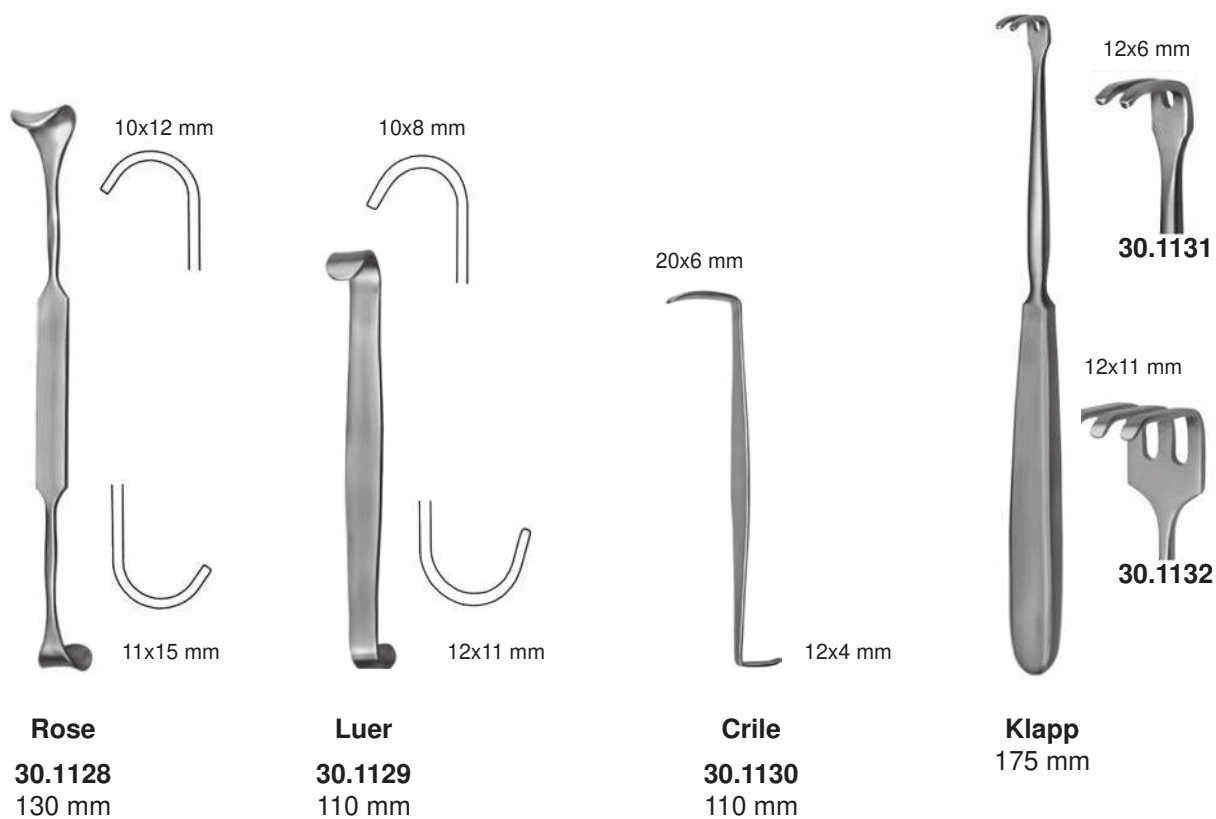
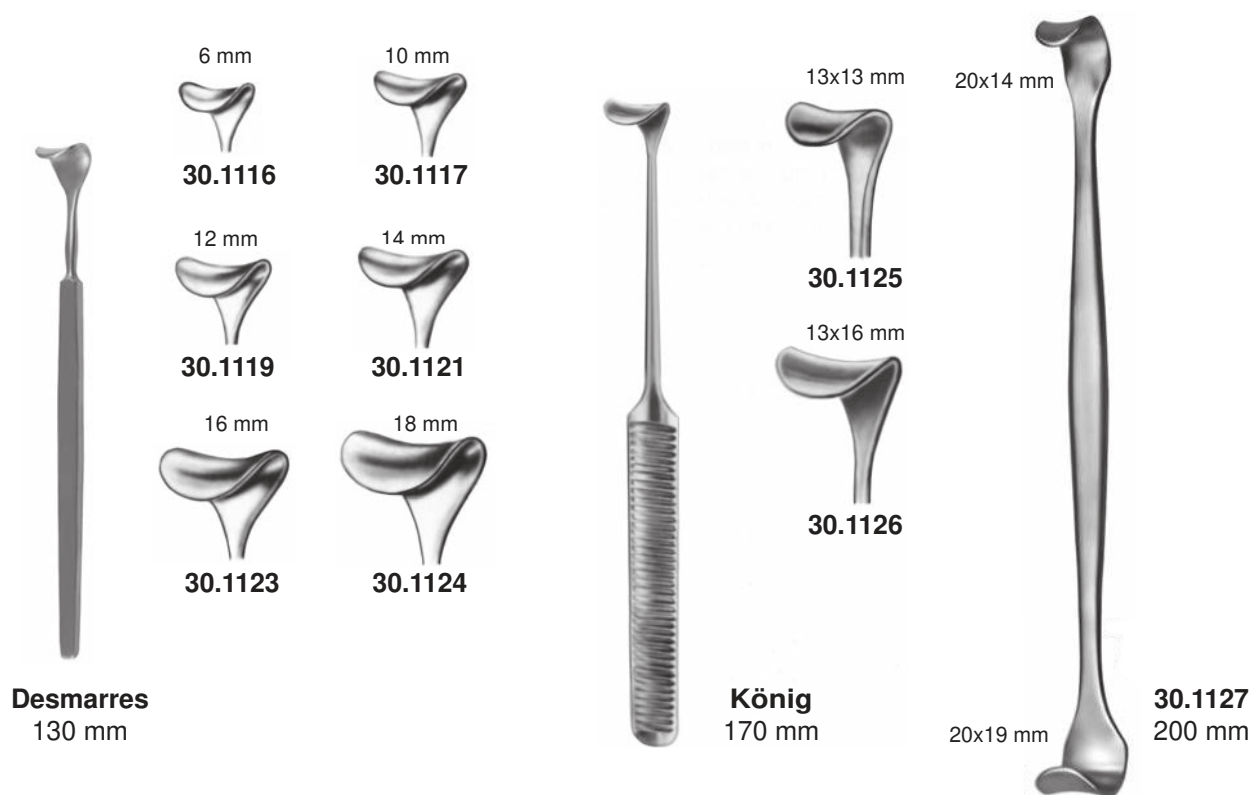


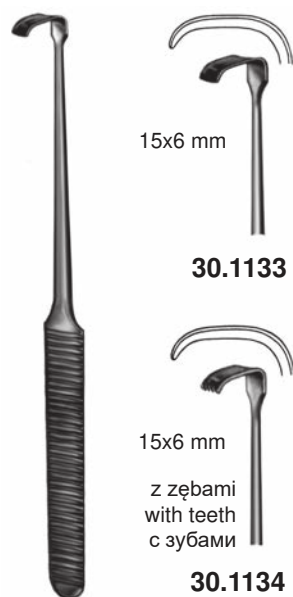
30.1114

18 mm



30.1115

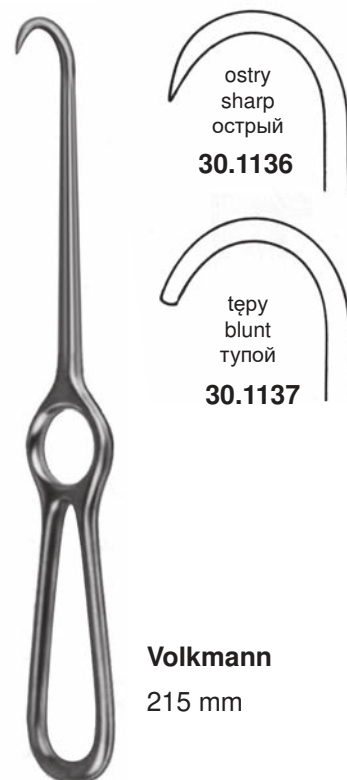




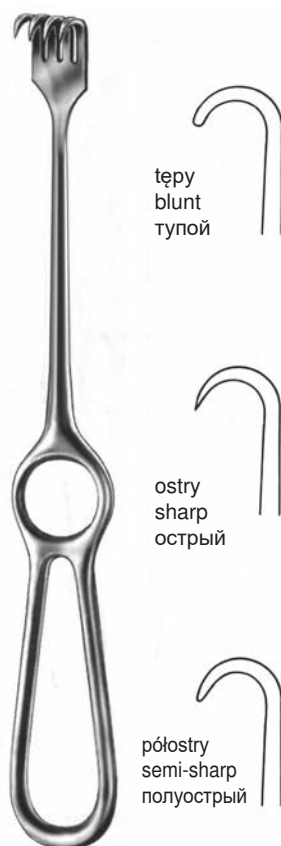
Strandell-Stille
190 mm



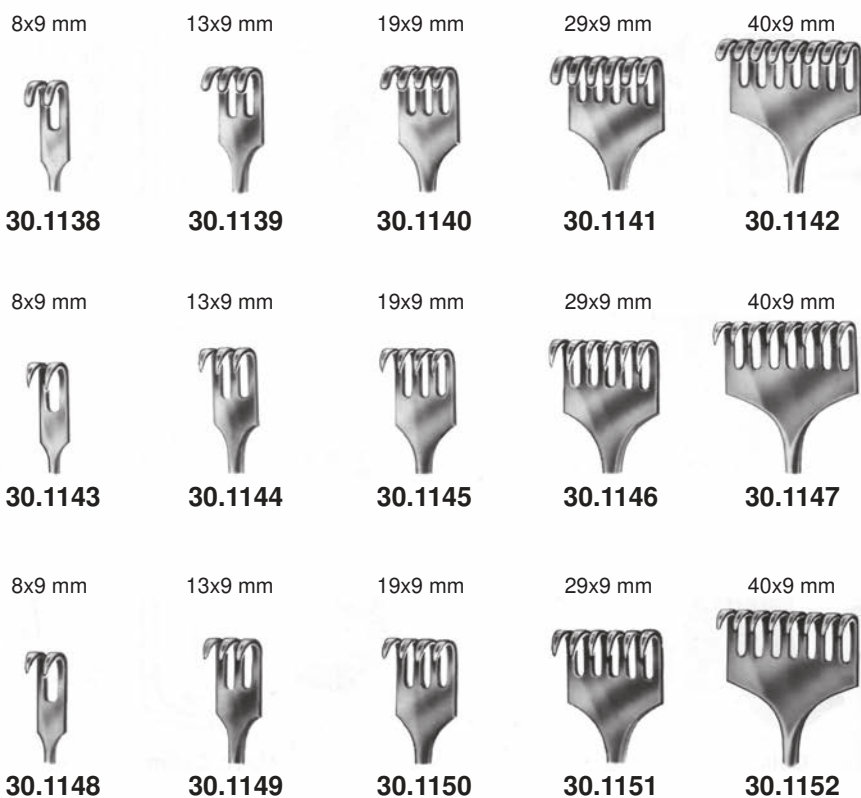
Cushing
30.1135
200 mm



Volkmann
215 mm



Volkmann
215 mm



Volkman
230 mm


tępy
blunt
тупой

30.1153

8x9 mm


30.1154

13x9 mm


30.1155

19x9 mm


30.1156

29x9 mm


30.1157


ostry
sharp
острый

30.1158

8x9 mm


30.1159

13x9 mm


30.1160

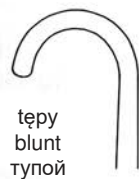
19x9 mm


30.1161

29x9 mm


30.1162


8x9 mm


30.1163
Kocher
220 mm


10x15 mm


30.1168

15x15 mm


30.1169

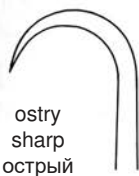
20x15 mm


30.1170

30x15 mm


30.1171

40x15 mm


30.1172


10x15 mm


30.1174

15x15 mm


30.1175

20x15 mm


30.1176

30x15 mm


30.1177

40x15 mm


30.1178


10x15 mm


30.1179

15x15 mm


30.1230

20x15 mm


30.1231

30x15 mm


30.1232

40x15 mm


30.1233




tępy
blunt
тупой



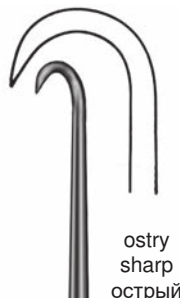
Kocher
30.1167
215 mm



ostry
sharp
острый



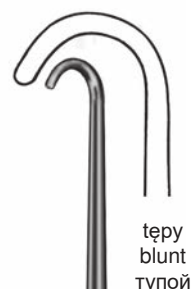
Kocher
30.1173
215 mm



ostry
sharp
острый



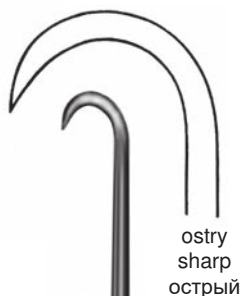
Kocher
30.1180
215 mm



tępy
blunt
тупой



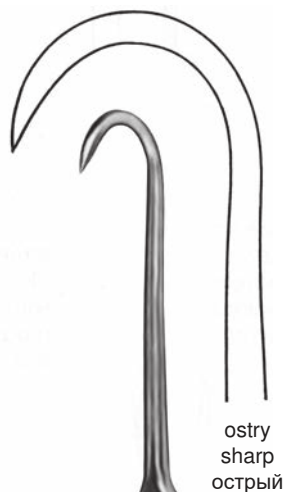
Kocher
30.1181
215 mm



ostry
sharp
острый



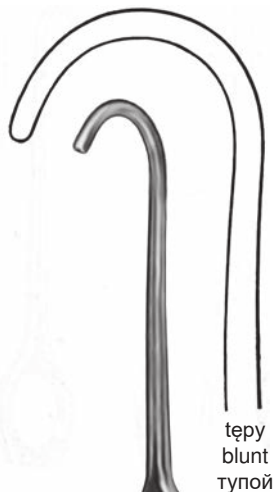
30.1182
245 mm



ostry
sharp
острый



Volkman
30.1183
215 mm



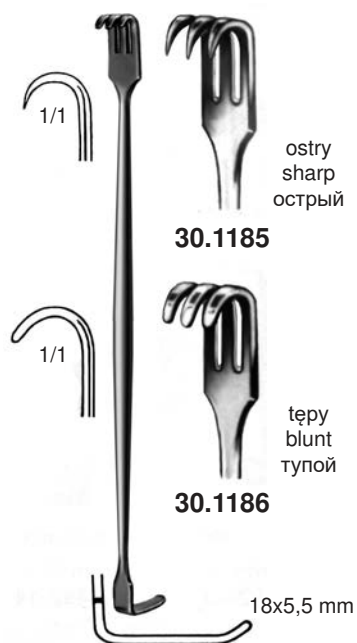
tępy
blunt
тупой



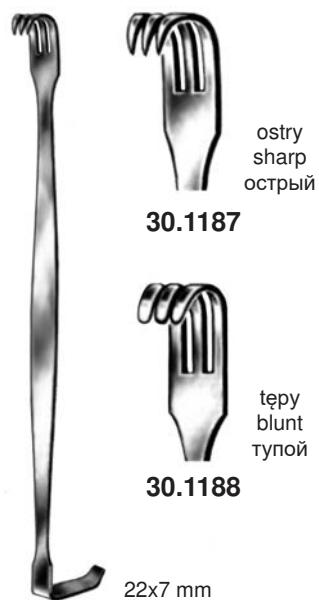
Volkman
30.1184
215 mm



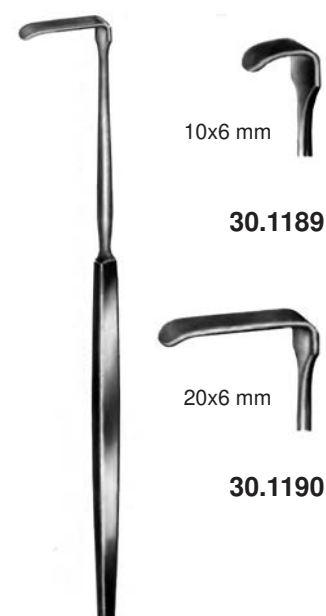
40.7216
230 mm



Senn-Miller
160 mm



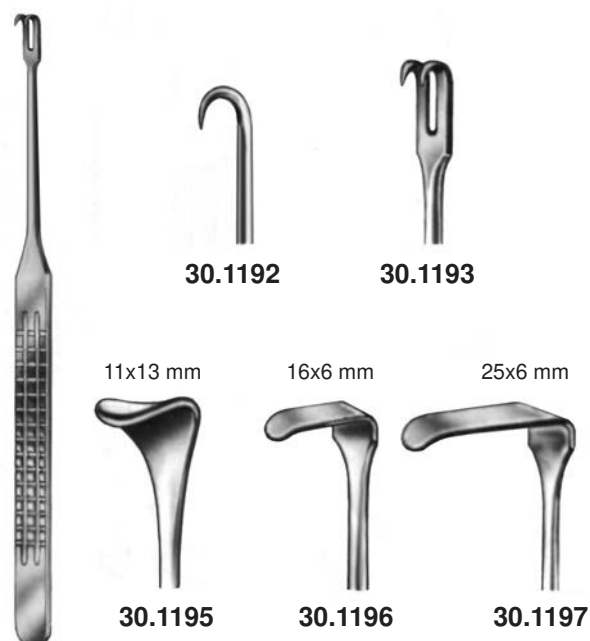
Baby-Senn-Miller
160 mm



Senn-Green
160 mm



Ragnell-Davis
30.1191
140 mm



Langenbeck-Green
160 mm



140 mm **30.1199**
160 mm **30.1200**

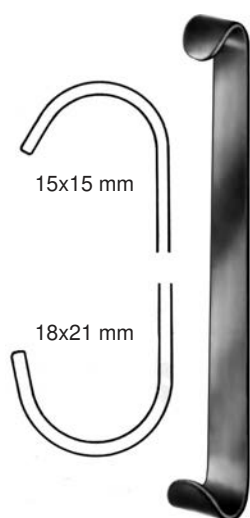
Collin- Hartmann
Komplet • Set • Набор **30.1198**



1. 140 mm **30.1202**
2. 150 mm **30.1203**
3. 170 mm **30.1204**

33x29 mm
29x26 mm
24x20 mm
30x28 mm
36x36 mm
38x43 mm

Roux
Komplet • Set • Набор **30.1201**



15x15 mm

18x21 mm

Baby-Roux
30.1205
130 mm



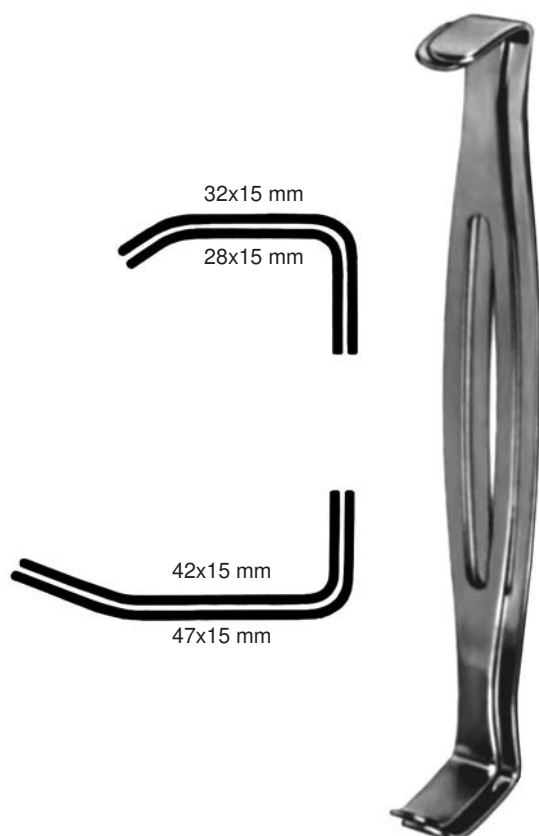
Mini-Roux
30.1206
140 mm



37x40 mm

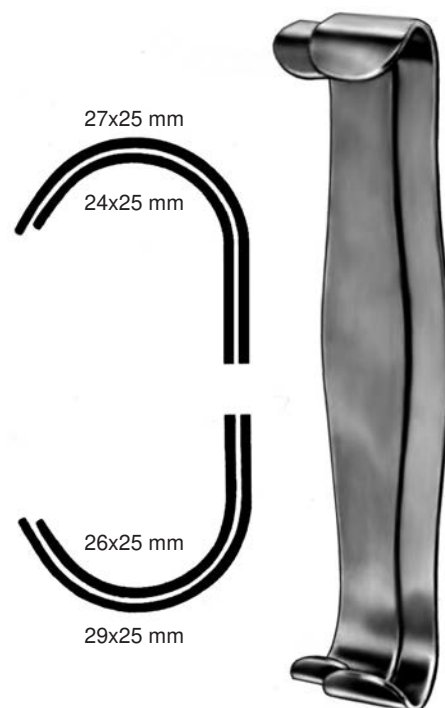
30x31 mm

Goelet
30.1207
190 mm



Parker-Langenbeck (US-Army)
30.1208

Komplet • Set • Набор 210 mm



Parker
30.1209

Komplet • Set • Набор 180 mm



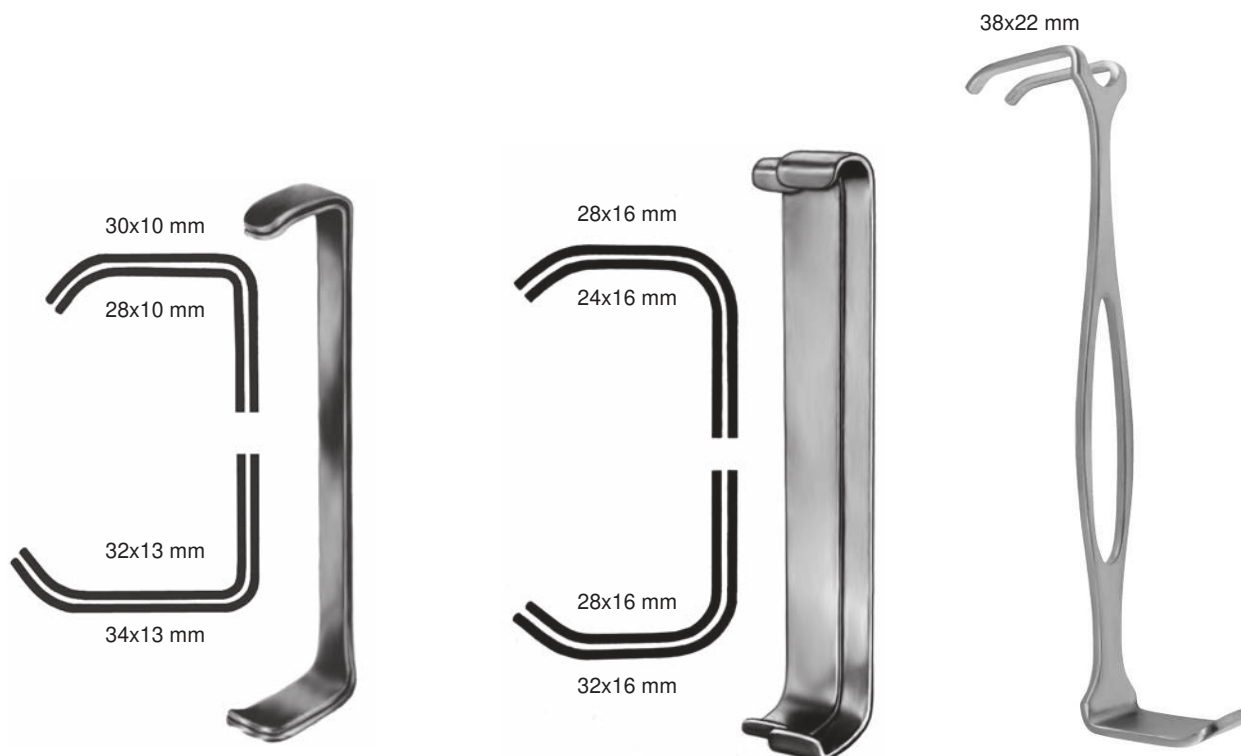
Parker
30.1210

Komplet • Set • Набор 135 mm



Parker-Mott
30.1211

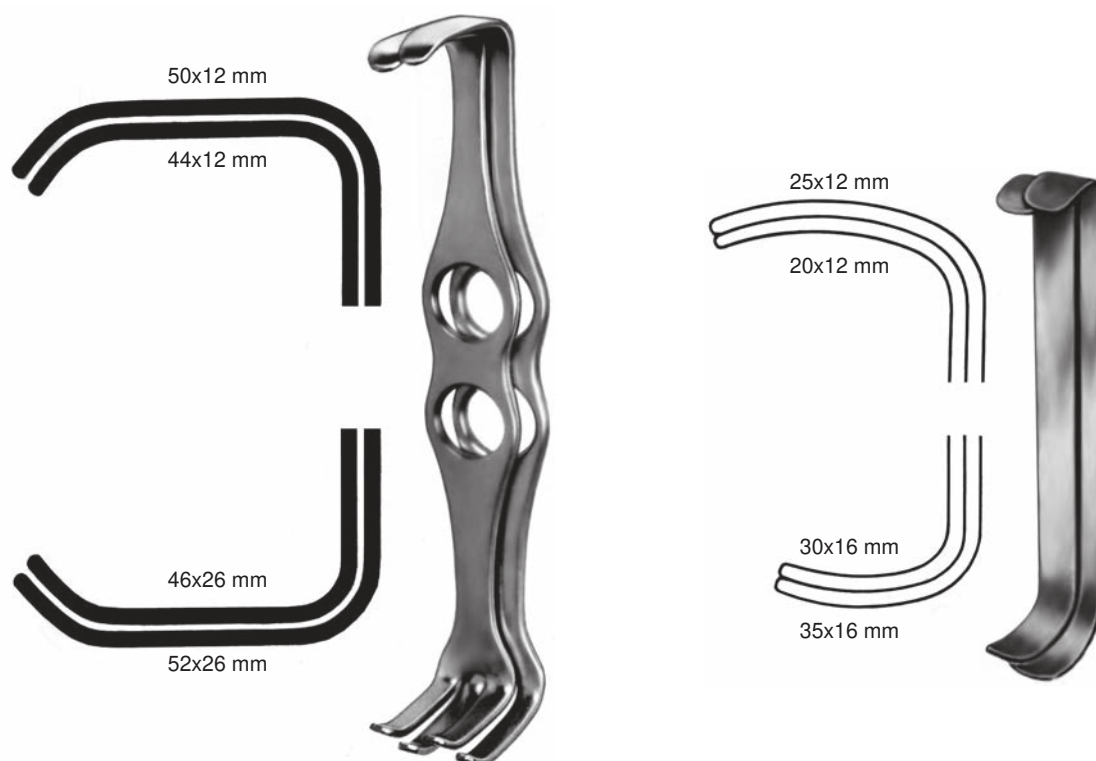
Komplet • Set • Набор 160 mm



Farabeuf 30.1212
Komplet • Set • Набор
120 mm

Farabeuf 30.1213
Komplet • Set • Набор
150 mm

30.1214
175 mm



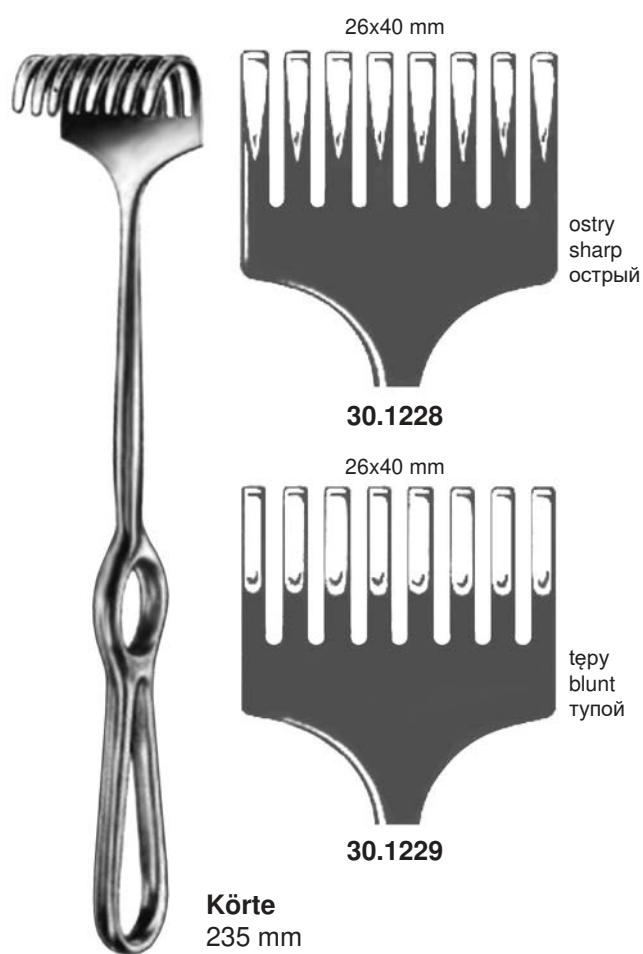
Mathieu 30.1215
Komplet • Set • Набор
200 mm

Collin 30.1216
Komplet • Set • Набор
150 mm



30.1226

Ollier
30.1227
225 mm



26x40 mm

ostrý
sharp
острый

30.1228

26x40 mm

těpy
blunt
тупой

30.1229

Körte
235 mm

40x40 mm



30.1234

45x50 mm



30.1235

50x60 mm



30.1236

70x70 mm



30.1237

25x40 mm



Israel
250 mm

33x20 mm



Wassmund
30.1238
205 mm

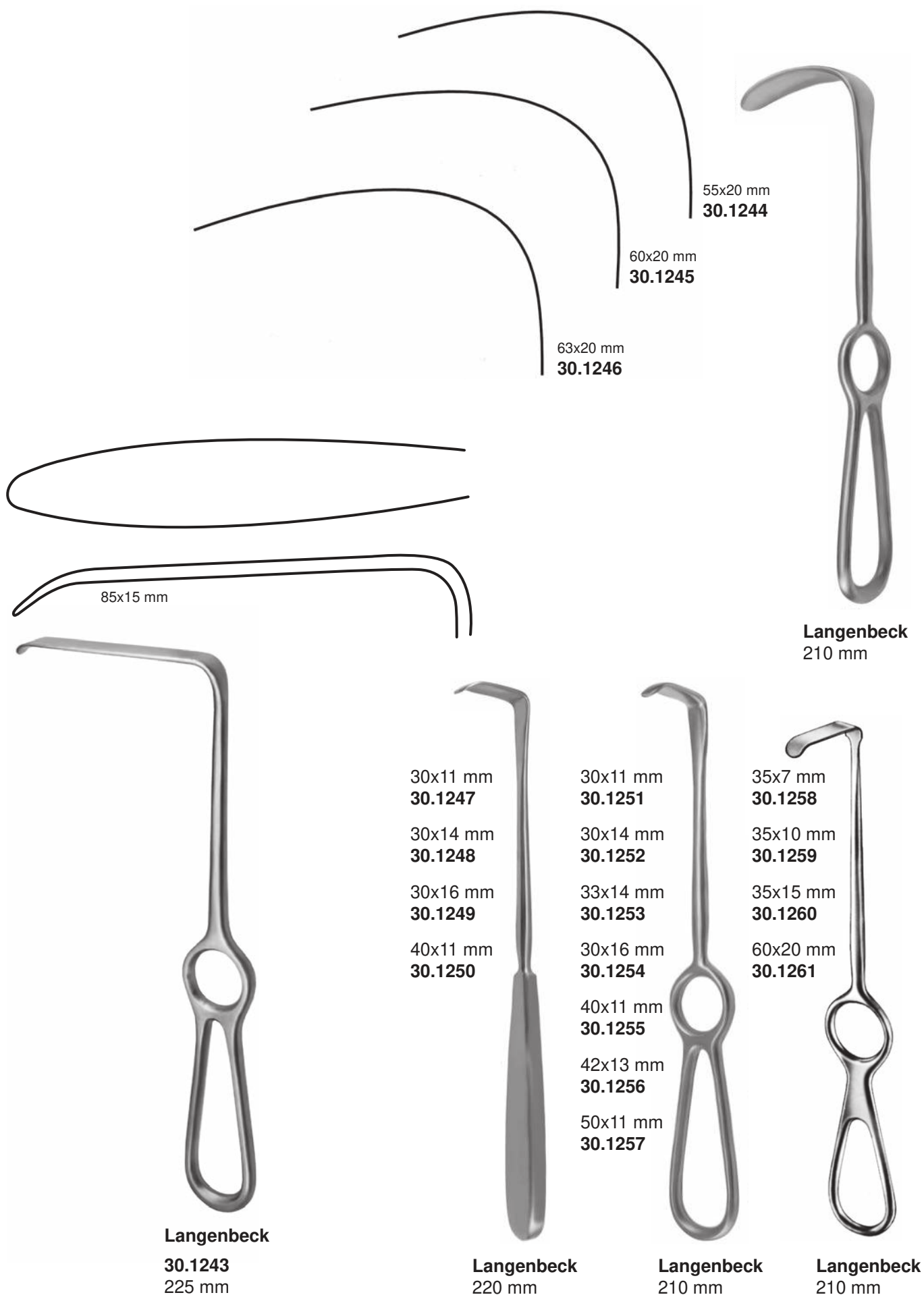
46x55 mm

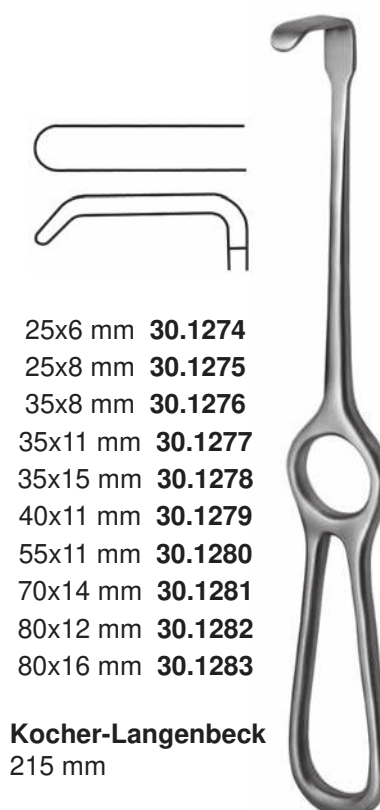
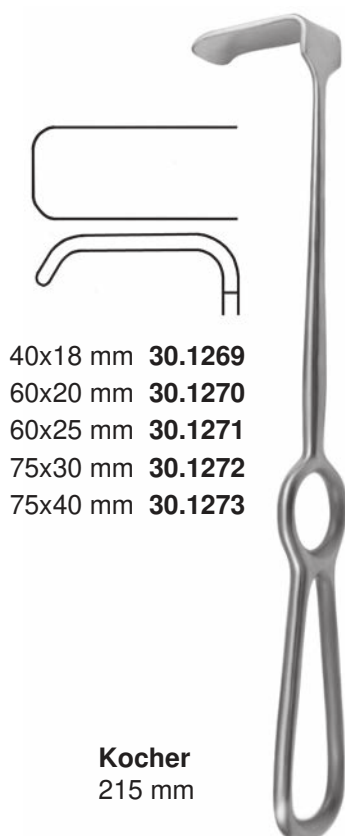
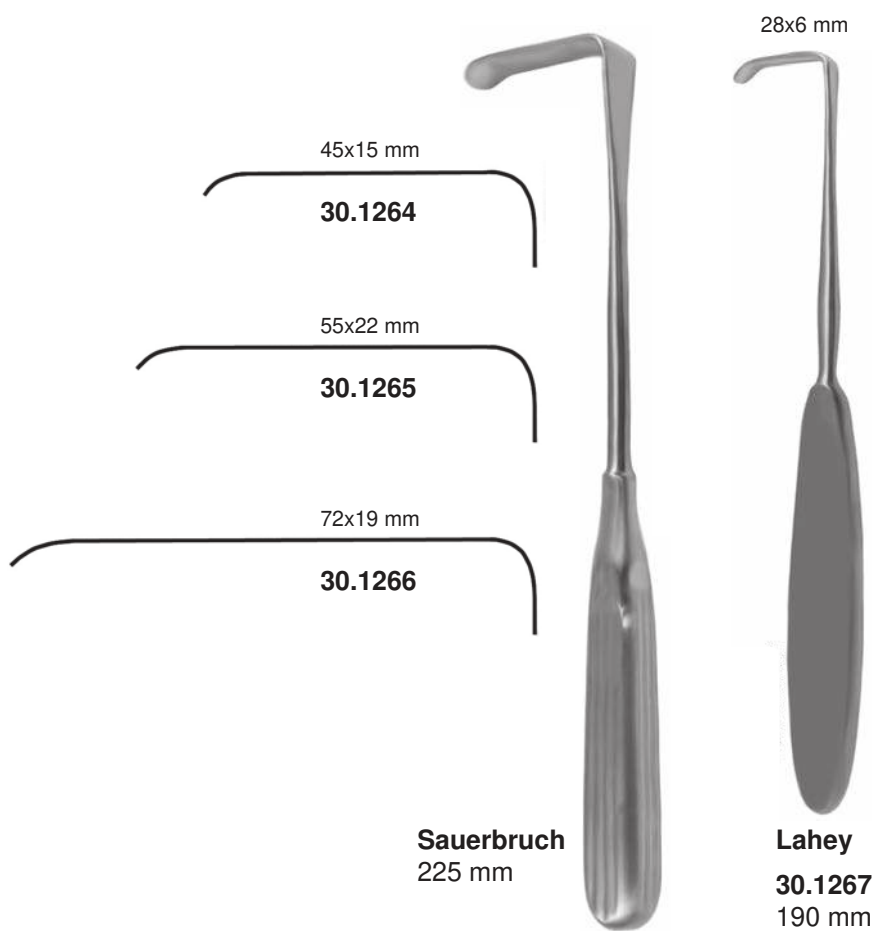
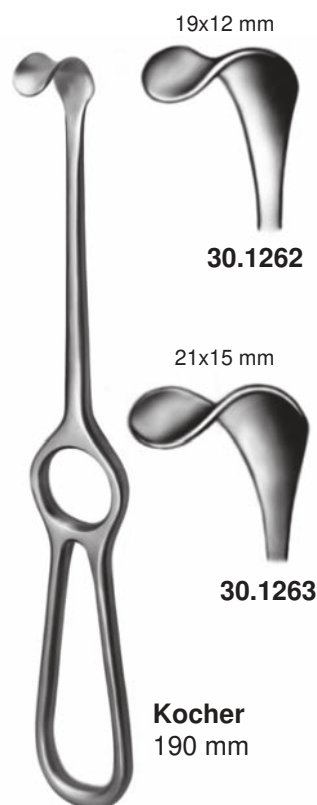


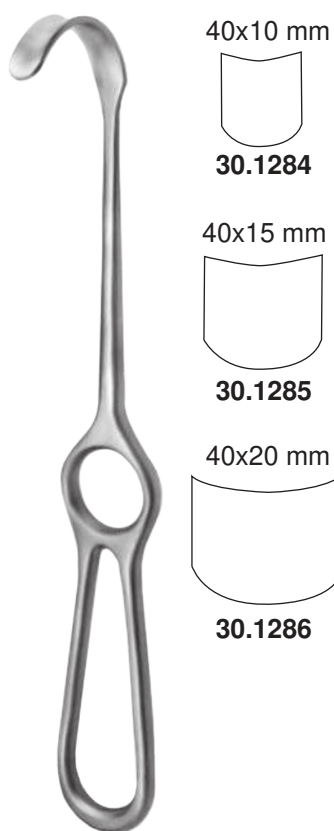
Körte
30.1239
230 mm



Körte-Wagner
30.1240
280 mm





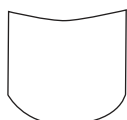


40x10 mm



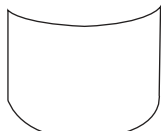
30.1284

40x15 mm

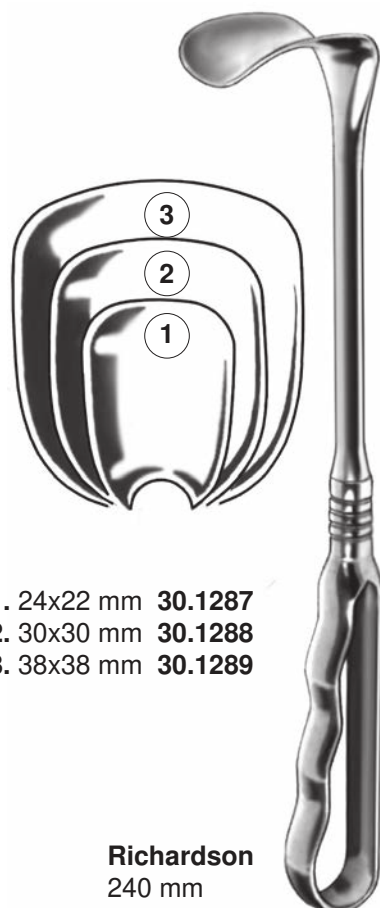


30.1285

40x20 mm



30.1286

Kocher
220 mm


3

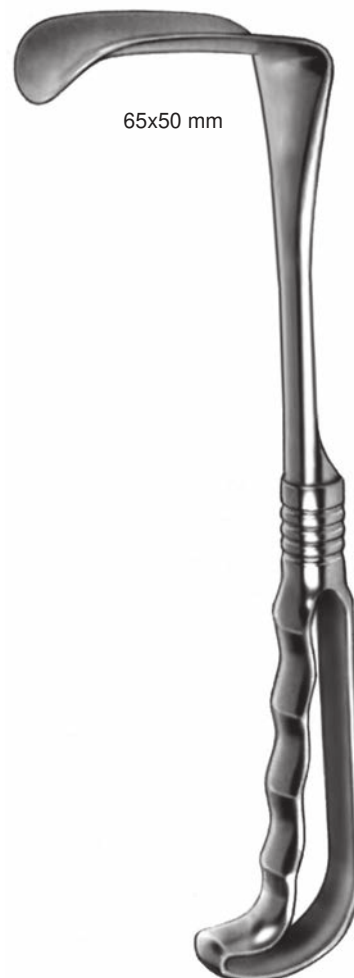
2

1

1. 24x22 mm 30.1287
2. 30x30 mm 30.1288
3. 38x38 mm 30.1289

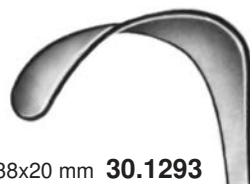
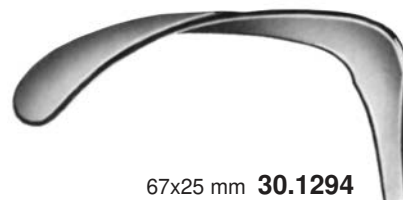
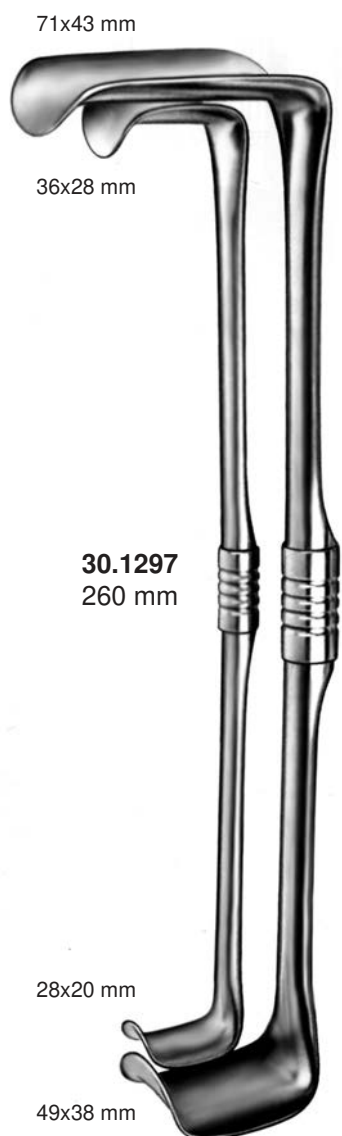
Richardson
240 mm


48x21 mm

Richardson
30.1290
240 mm


65x50 mm

Kelly
30.1291
260 mm


22x15 mm **30.1292**

38x20 mm **30.1293**

67x25 mm **30.1294**


71x43 mm

36x28 mm

30.1297
260 mm

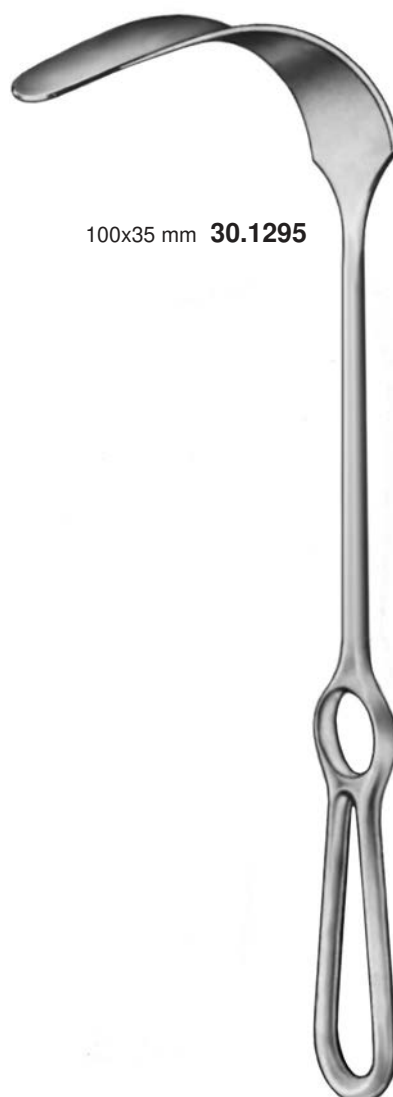
30.1298
280 mm

28x20 mm

49x38 mm

Richardson-Eastman
Komplet • Set • Набор
30.1296


67x17 mm

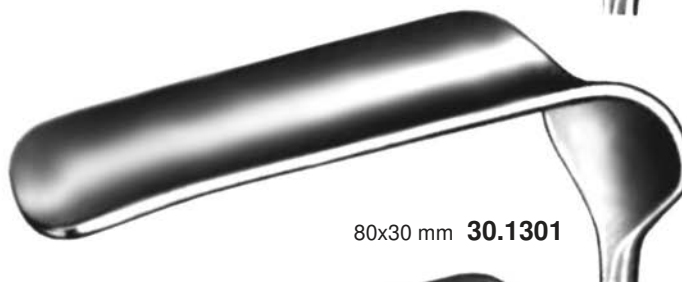
Caspar
30.1299
215 mm

100x35 mm **30.1295**
Kocher-Wagner
280 mm



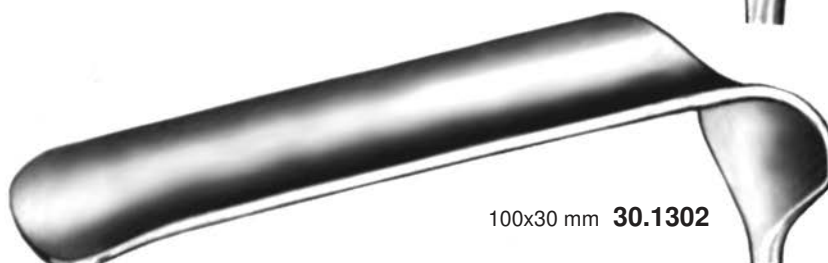
Hösel
250 mm



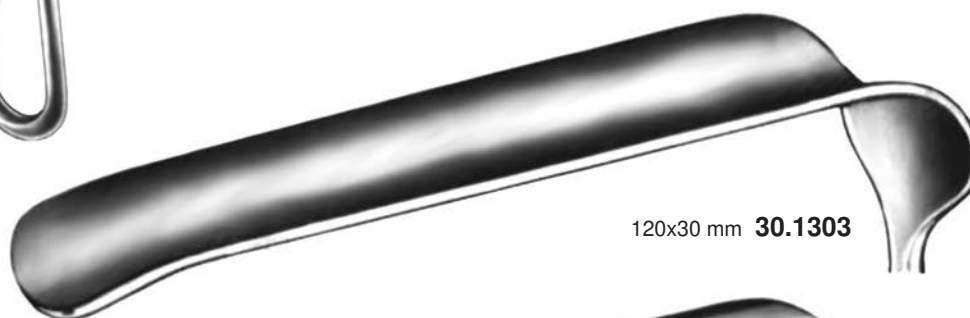
60x20 mm **30.1300**



80x30 mm **30.1301**



100x30 mm **30.1302**



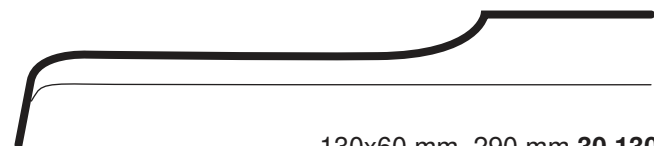
120x30 mm **30.1303**



140x30 mm **30.1304**



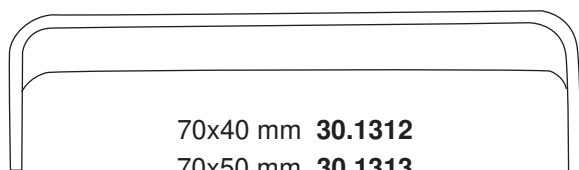
140x40 mm **30.1305**



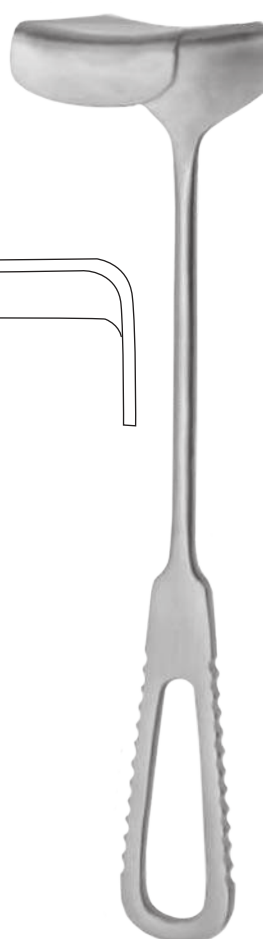
130x60 mm, 290 mm **30.1306**
180x60 mm, 325 mm **30.1307**



180x60 mm, 330 mm **30.1308**



70x40 mm **30.1312**
70x50 mm **30.1313**
70x65 mm **30.1314**



Morris
210 mm



Middeldorpf
275 mm



45x45 mm **30.1315**



45x50 mm **30.1316**



55x70 mm **30.1317**



Middeldorpf



14x17 mm
30.1321
215 mm



20x22 mm
30.1322
220 mm



26x30 mm
30.1323
235 mm

40x5 mm



Blount
30.1324
175 mm

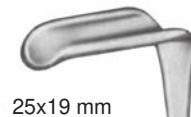
51x19 mm



Richardson
30.1329
235 mm



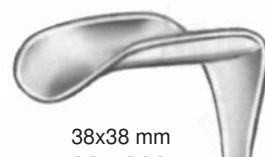
Richardson
240 mm



25x19 mm
30.1330



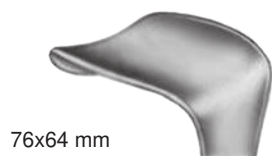
32x25 mm
30.1331



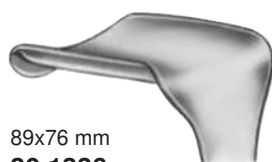
38x38 mm
30.1332



64x51 mm
30.1334



76x64 mm
30.1335

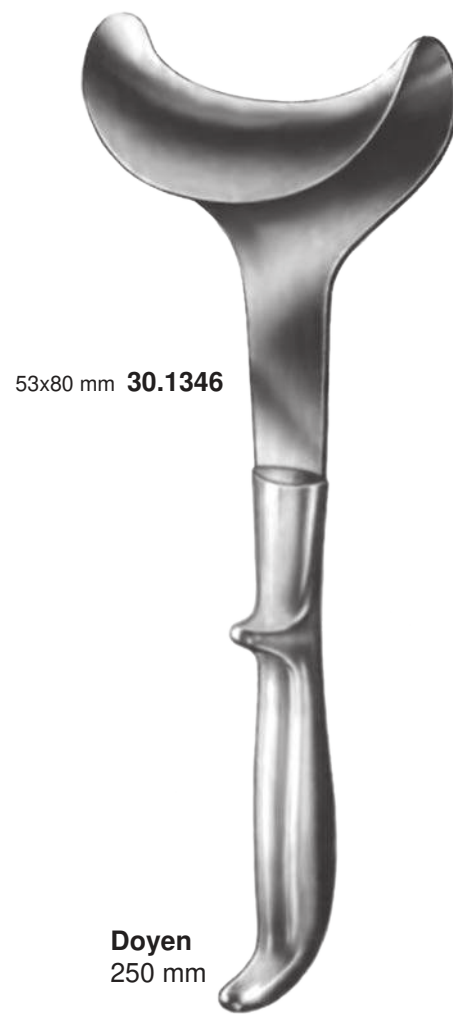
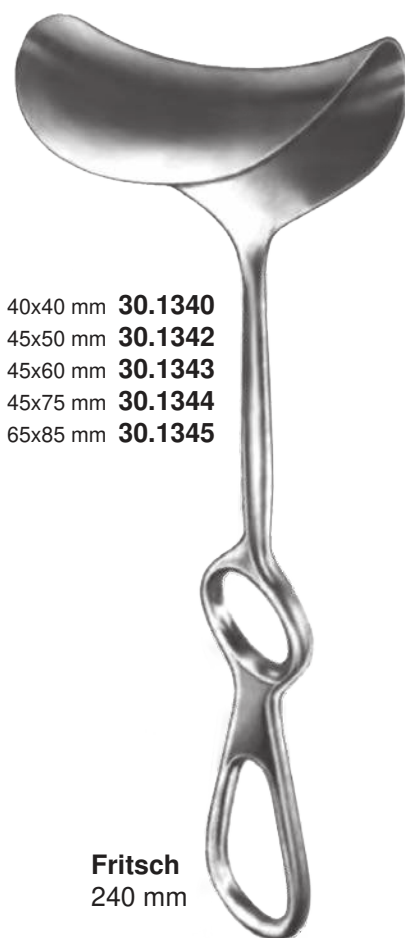
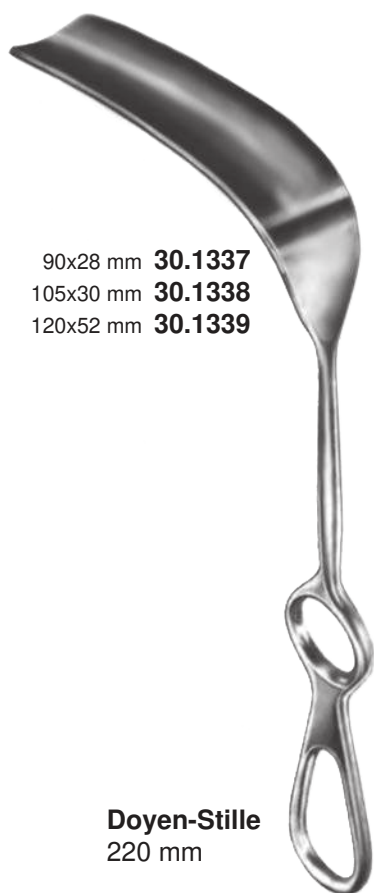


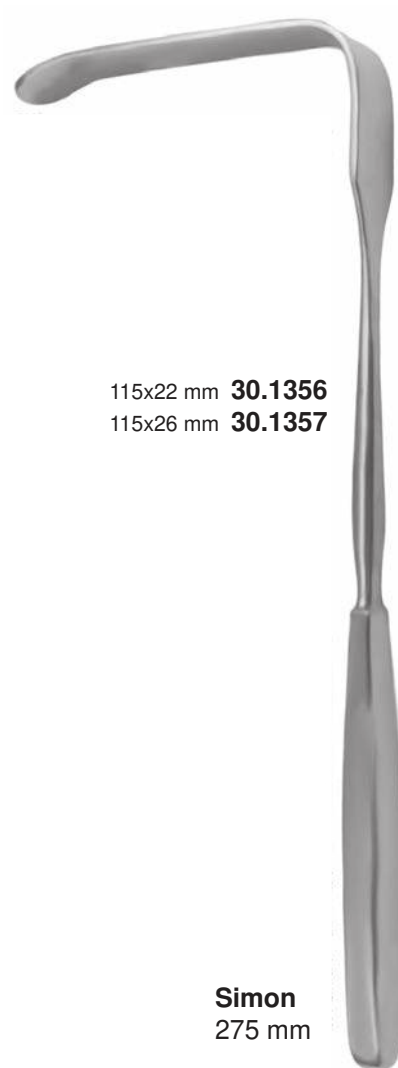
89x76 mm
30.1336



51x38 mm
30.1015

Kelly
250 mm







95x20 mm

Modell Tübingen

30.1358

265 mm

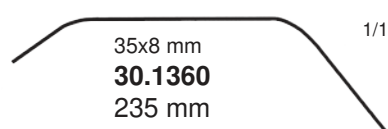


105x27 mm

Martin

30.1359

250 mm

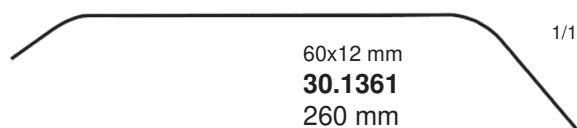


35x8 mm

30.1360

235 mm

1/1

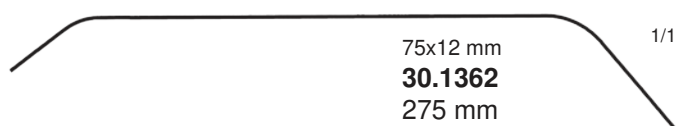


60x12 mm

30.1361

260 mm

1/1



75x12 mm

30.1362

275 mm

1/1



120x12 mm

30.1363

290 mm

1/1



Zenker

180x30 mm **30.1364**

160x30 mm **30.1365**

140x30 mm **30.1366**

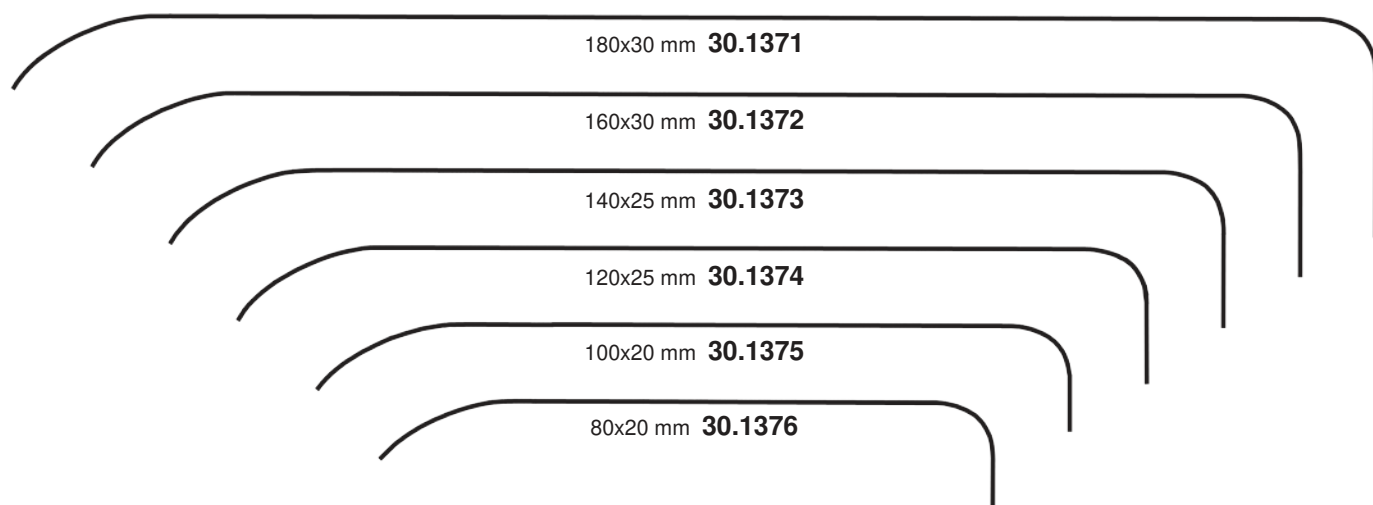
130x30 mm **30.1367**

120x25 mm **30.1368**

100x25 mm **30.1369**

80x20 mm **30.1370**

Brunner
250 mm



Brunner
250 mm



Deaver
30.1377
180 mm

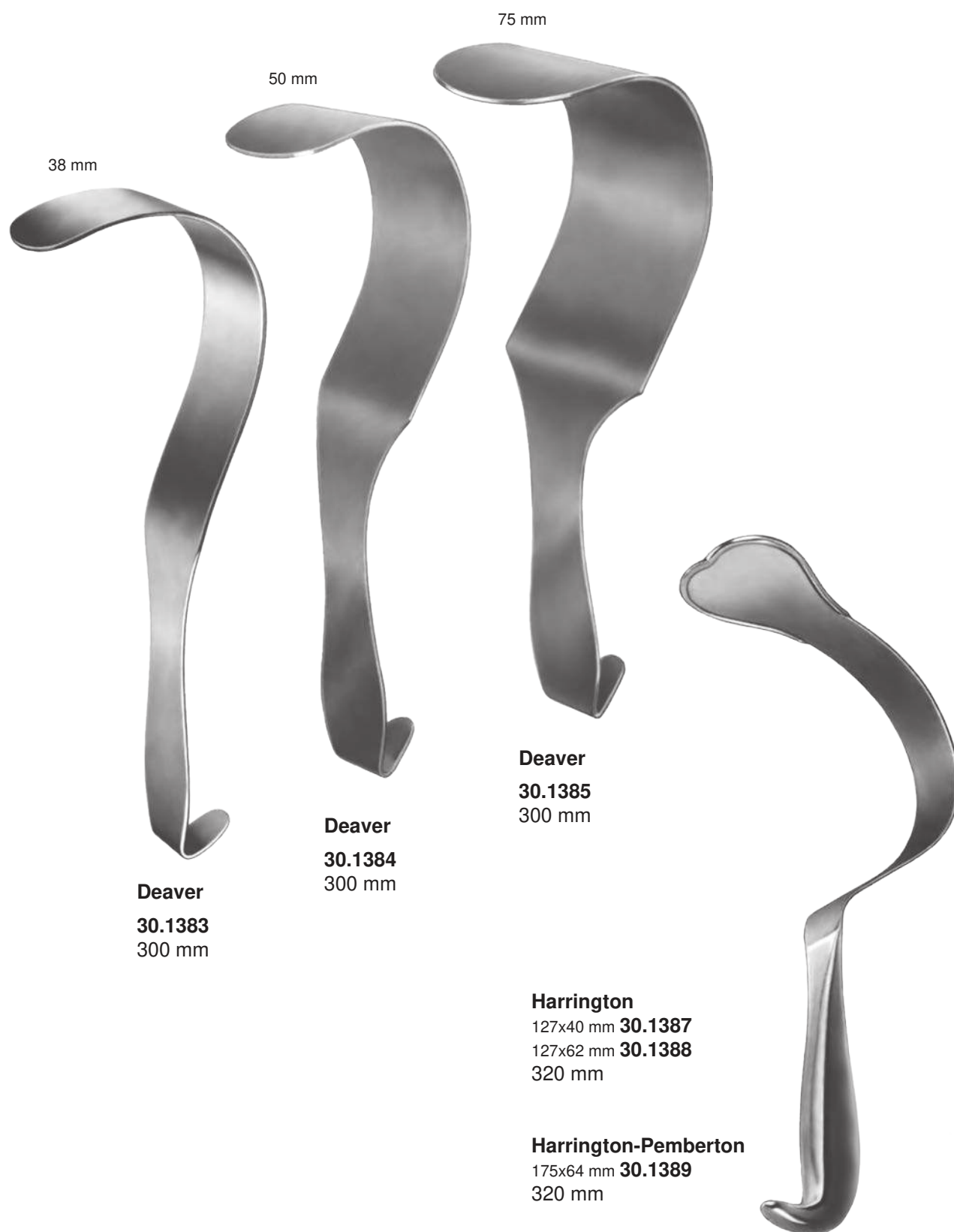
Deaver
30.1378
215 mm

Deaver
30.1379
230 mm

Deaver
30.1380
300 mm

Deaver
30.1381
330 mm

Deaver
30.1382
360 mm





125x37 mm

1/1



115x65 mm **30.1402**

1/1



115x38 mm **30.1403**

1/1



82x22 mm **30.1404**

1/1

Sauerbruch
30.1405
250 mm

Coryllos
240 mm



75x50 mm

Davidson
30.1412
160 mm

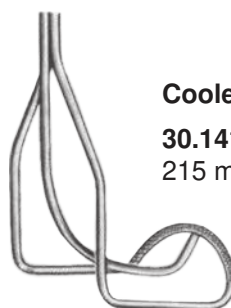


Cooley
30.1414
215 mm



75x90 mm

Davidson
30.1413
160 mm



Cooley
30.1415
215 mm

ząbkowany
serrated
зубчатый


Cooley
30.1416
230 mm

90x50 mm **30.1417**



75x25 mm **30.1418**



50x16 mm **30.1419**



Meyering
225 mm

elastyczne • flexible • эластичный



330 mm 30 mm **30.1533**
330 mm 40 mm **30.1534**
330 mm 50 mm **30.1535**

elastyczne • flexible • эластичный



Tuffier 200 mm 17x25 mm **30.1536**

elastyczne • flexible • эластичный



200 mm	6mm	30.1537	200 mm	17mm	30.1540
200 mm	9mm	30.1538	200 mm	20mm	30.1541
200 mm	12mm	30.1539	200 mm	25mm	30.1542

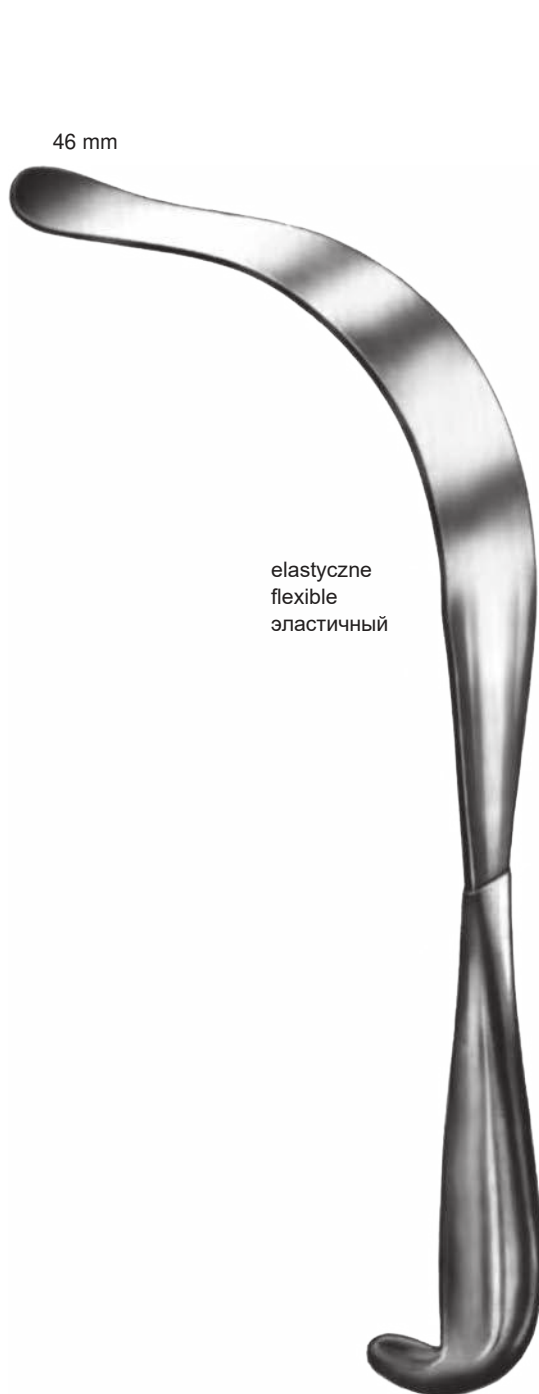
elastyczne • flexible • эластичный



Haberer 280 mm 25x30 mm **30.1543**
300 mm 37x45 mm **30.1544**



Reverdin 285 mm 65x45 mm **30.1545**



Kuemmel
30.1592
330 mm



30 mm **30.1593**
40 mm **30.1438**
50 mm **30.1439**
60 mm **30.1440**
70 mm **30.1441**
410 mm



30.1442
ostry
sharp
острый

30.1443
tępy
blunt
тупой

Finsen
50 mm



30.1445
tępy
blunt
тупой

Finsen
70 mm



30.1446
ostry
sharp
острый

30.1447
tępy
blunt
тупой



Alm

ostry sharp острый	tępy blunt тупой
--------------------------	------------------------

70 mm	30.1450	30.1452
100 mm	30.1451	30.1453



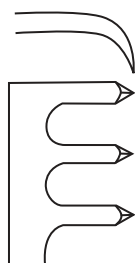
30.1454
ostry
sharp
острый

30.1455
tępy
blunt
тупой

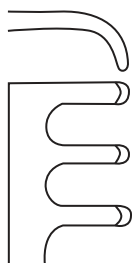
Holtzheimer
100 mm



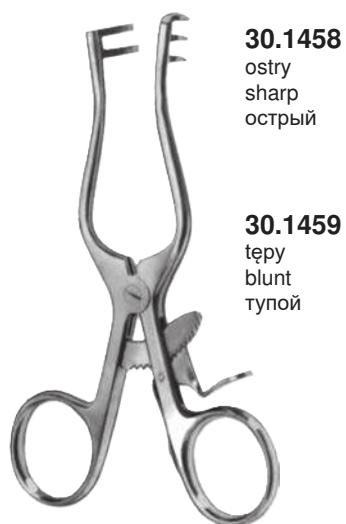
Jansen
100 mm



30.1457
ostry
sharp
острый



30.1456
tępy
blunt
тупой


30.1458

ostry
sharp
острый

30.1459

tępy
blunt
тупой

Weitlaner-Loktite
105 mm



	ostry sharp острый	tępy blunt тупой
130 mm	30.1460	30.1461
165 mm	30.1462	30.1463
200 mm	30.1464	30.1465

Weitlaner-Loktite

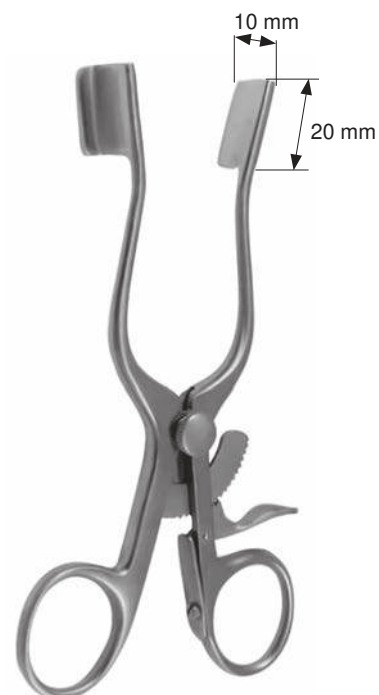

30.1466

ostry
sharp
острый

30.1467

tępy
blunt
тупой

Weitlaner-Wullstein
130 mm



Weitlaner-Baby

30.1468
130 mm



Scalp Contour
140mm

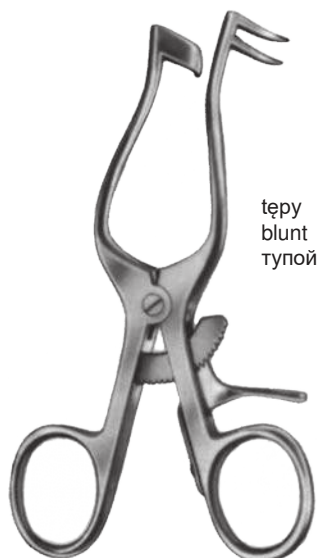
30.1469
ostry
sharp
острый

30.1470
tępy
blunt
тупой



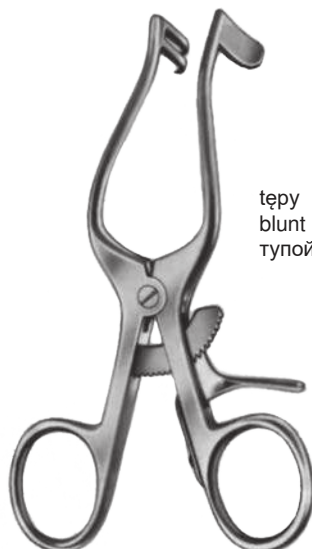
Cone

	ostry sharp острый	tępy blunt тупой
130 mm	30.1471	30.1472
165 mm	30.1473	30.1474
200 mm	30.1475	30.1476
250 mm	30.1477	30.1478



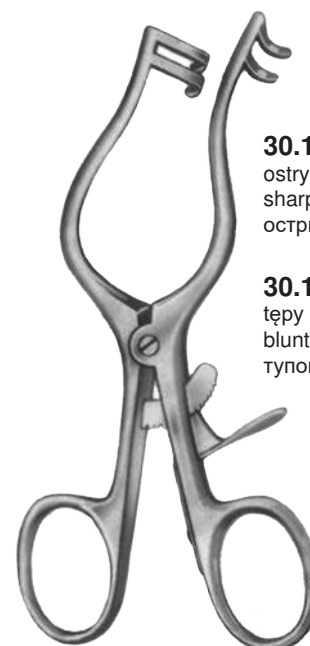
Plester
30.1479
110mm

tępy
blunt
тупой



Plester
30.1548
110mm

tępy
blunt
тупой



Plester
130mm

30.1480
ostry
sharp
острый

30.1481
tępy
blunt
тупой



Milligan
130 mm

30.1482.000

tępy
blunt
тупой

30.1482.100

ostry
sharp
острый



Tübinger Modell

30.1483
165 mm



Mollison
30.1484
155 mm



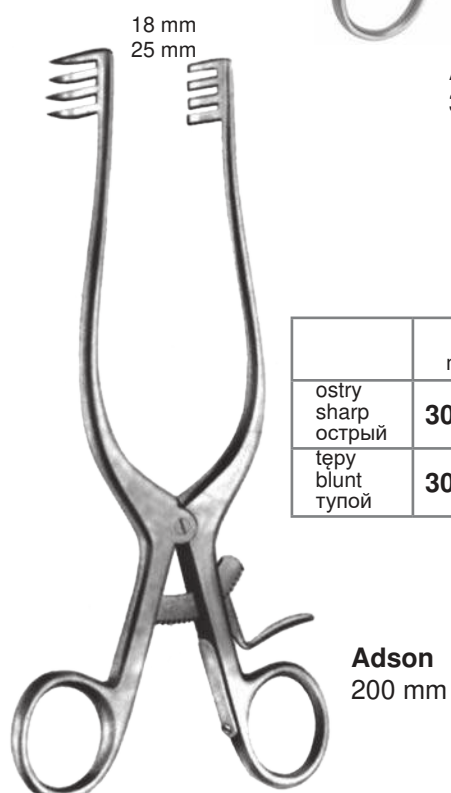
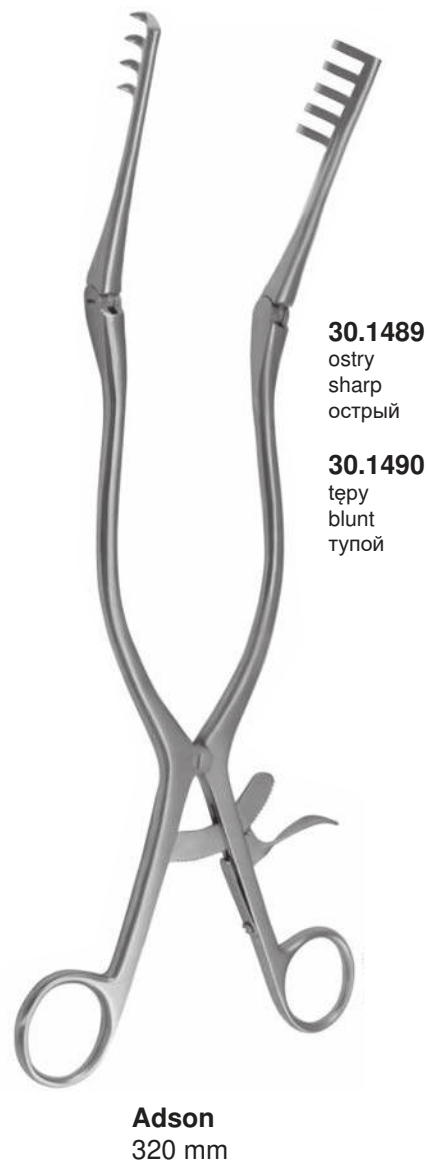
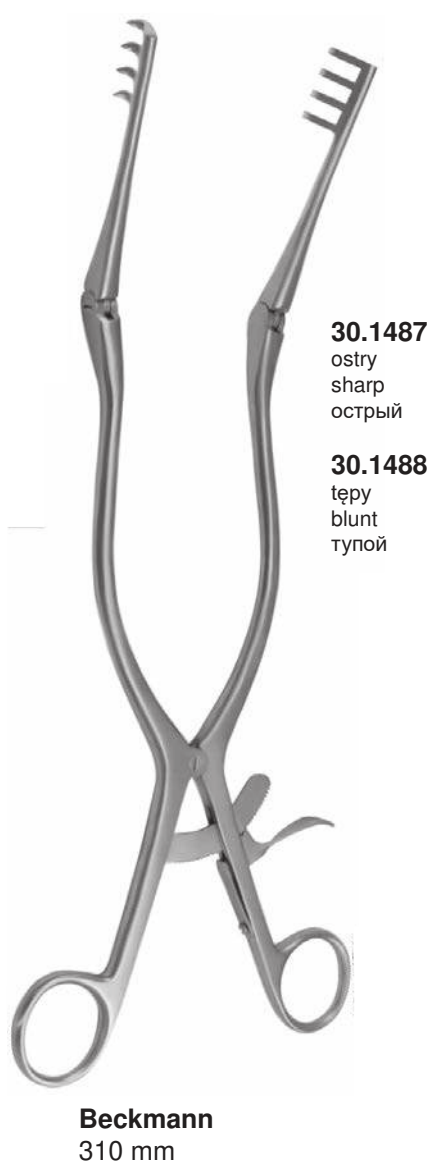
Adson-Baby
160 mm

30.1485

tępy
blunt
тупой

30.1486

ostry
sharp
острый



	18 mm	25 mm
ostry sharp острый	30.1491	30.1491.025
tępy blunt тупой	30.1492	30.1492.025

25 mm
35 mm


Adson
265 mm

	25 mm	35 mm
ostry sharp острый	30.1493	30.1493.035
tępy blunt тупой	30.1494	30.1494.035

ramię lewe 35 mm, prawe 18 mm left arm 35 mm, right arm 18 mm
30.1495.100

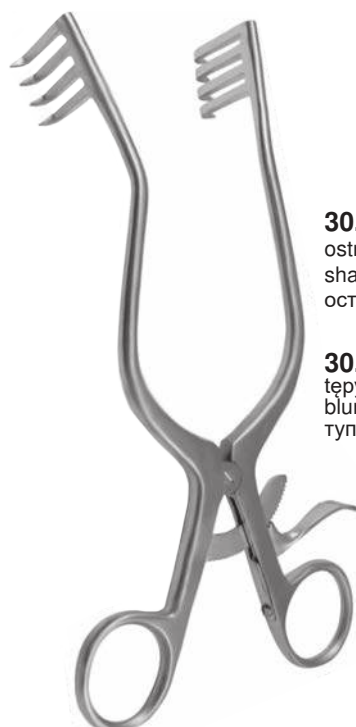
ramię lewe 18 mm, prawe 35 mm left arm 18 mm, right arm 35 mm
30.1495.200

	35 mm
ostry sharp острый	30.1495
tępy blunt тупой	30.1496

35 mm



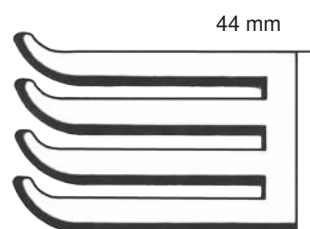
Adson
265 mm



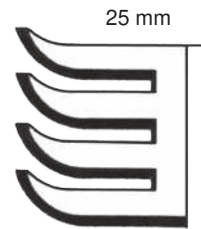
Anderson-Adson
195 mm

30.1497.000
ostry
sharp
острый

30.1497.100
tępy
blunt
тупой



44 mm



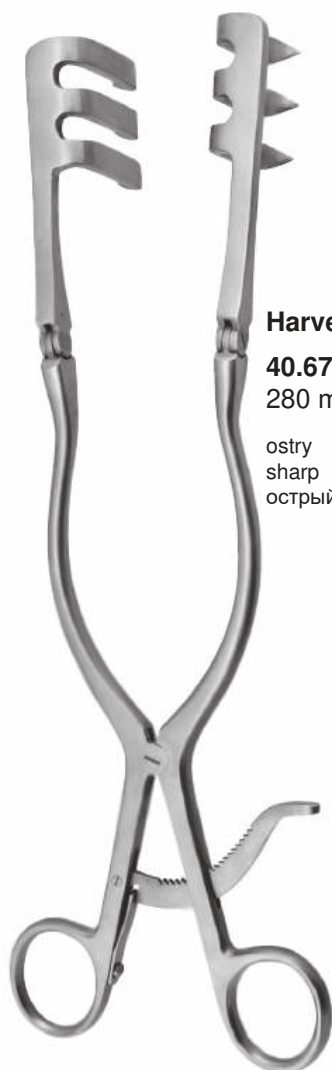
25 mm

30.1499
ostry
sharp
острый

30.1500
tępy
blunt
тупой

30.1501
ostry
sharp
острый

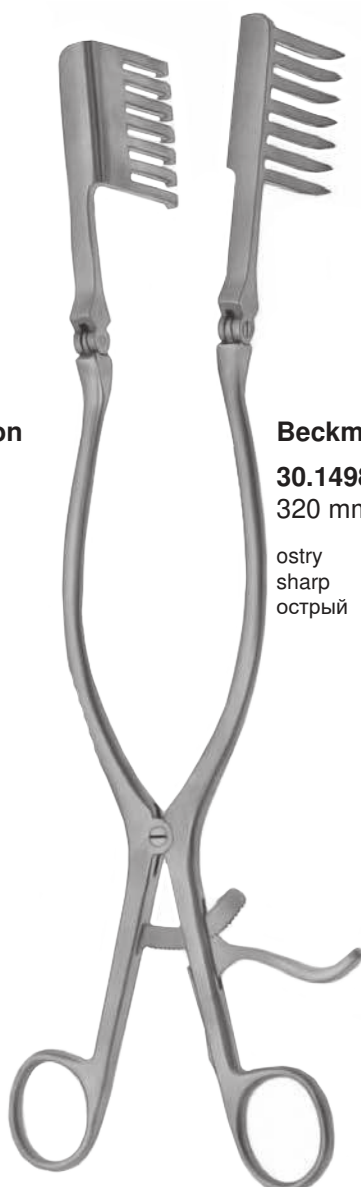
30.1502
tępy
blunt
тупой



Harvey-Jackson

40.6792
280 mm

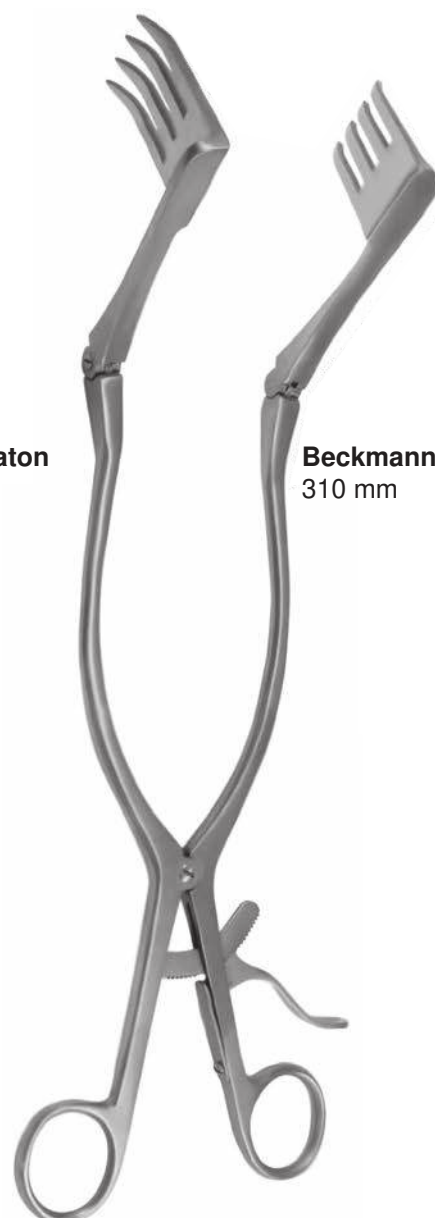
ostry
sharp
острый



Beckmann-Eaton

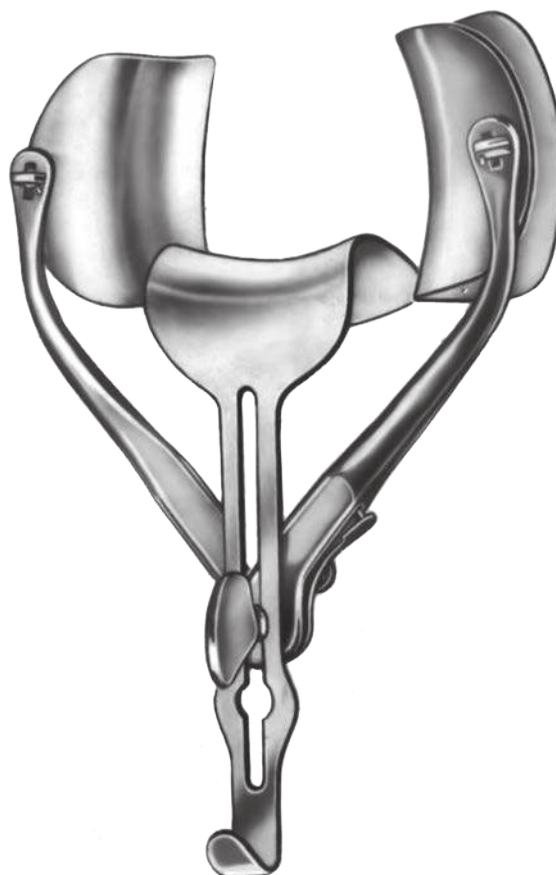
30.1498
320 mm

ostry
sharp
острый



Beckmann-Adson

310 mm



Ricard	Rozchylenie Spread Раскрытие	Łyżki boczne Lateral blades Боковые ложки	Łyżka środkowa Center blade Серединная ложка
30.1503	280 mm	72x85 mm	80x90 mm
30.1504	300 mm	60x80 mm	55x70 mm



Holzbach	Łyżki boczne Lateral blades Боковые ложки	Łyżka środkowa Center blade Серединная ложка
30.1507	62x80 mm	80x80 mm

Łyżki wymienne
Exchangeable blades
Заменяемые ложки



18x40 mm - **30.1511**
27x40 mm - **30.1512**
38x60 mm - **30.1513**
40x80 mm - **30.1514**
45x80 mm - **30.1515**
60x80 mm - **30.1516**



Collin-loktite

260 mm

Rozchylenie	Łyżki boczne	Łyżka środkowa
Spread	Lateral blades	Center blade
Раскрытие	Боковые ложки	Серединная ложка

30.1509	100 mm	38x60 mm	38x55 mm
30.1510	100 mm	38x80 mm	50x75 mm



Collin-loktite

260 mm

Rozchylenie	Łyżki boczne	Łyżka środkowa
Spread	Lateral blades	Center blade
Раскрытие	Боковые ложки	Серединная ложка

30.1508	160 mm	60x80 mm	60x75 mm
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Komplet z 2 parami łyżek
Set with 2 pairs of blades
Комплект с двумя парами ложек

Baby-Collin	Rozchylenie Spread Раскрытие	Łyżki boczne Lateral blades Боковые ложки
200 mm		
30.1517	80 mm	27x40 mm 18x40 mm



Collin	Rozchylenie Spread Раскрытие	Łyżki boczne Lateral blades Боковые ложки
240 mm		
30.1518	100 mm	38x60 mm


DeBakey

30.1519 100 mm
30.1520 145 mm


Gelpi-Loktite

30.1521 90 mm
30.1522 115 mm


Gelpi-Loktite

30.1523 140 mm
30.1524 180 mm


Gelpi-Loktite

30.1525
180 mm


Rigby

30.1526
180 mm

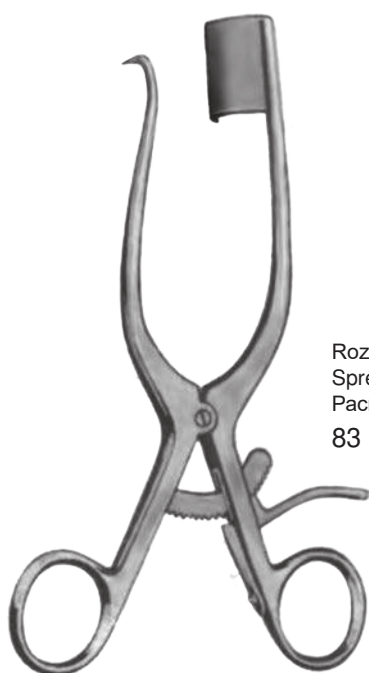
Rozchylenie
Spread
Раскрытие
100 mm

Łyżki boczne
Lateral blades
Боковые ложки
70x16 mm


Meyerding
190 mm

Łyżki boczne
Lateral blades
Боковые ложки

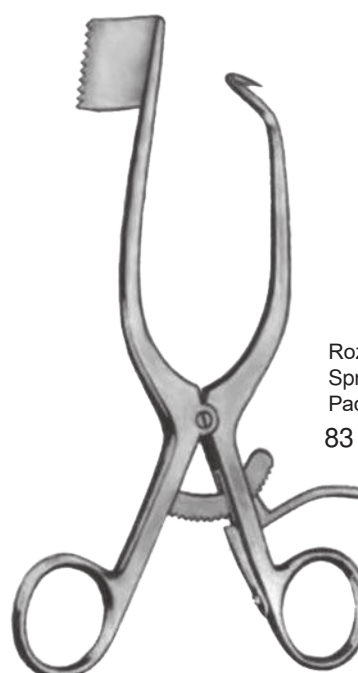
30.1527 25x30 mm
30.1528 25x55 mm
30.1529 25x60 mm
30.1530 20x60 mm


Markham-Meyerding

30.1531
180 mm

Rozchylenie
Spread
Раскрытие
83 mm

Łyżka prawa
Right blade
Ложка правая
45x25 mm


Markham-Meyerding

30.1532
180 mm

Rozchylenie
Spread
Раскрытие
83 mm

Łyżka lewa
Left blade
Ложка левая
45x25 mm



Gosset	Rozchylenie Spread Раскрытие	Łyżki boczne Lateral blades Боковые ложки
30.1550	100 mm	30x40 mm



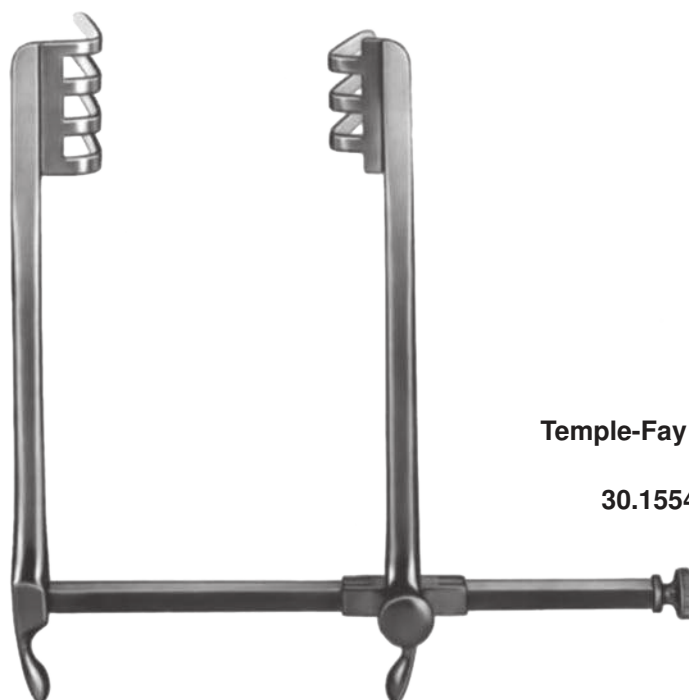
Gosset	Rozchylenie Spread Раскрытие	Łyżki boczne Lateral blades Боковые ложки
30.1551	100 mm	30x40 mm



Gosset	Rozchylenie Spread Раскрытие	Łyżki boczne Lateral blades Боковые ложки	Łyżka środkowa Center blade Серединная ложка
30.1552	160 mm	35x63 mm	56x60 mm



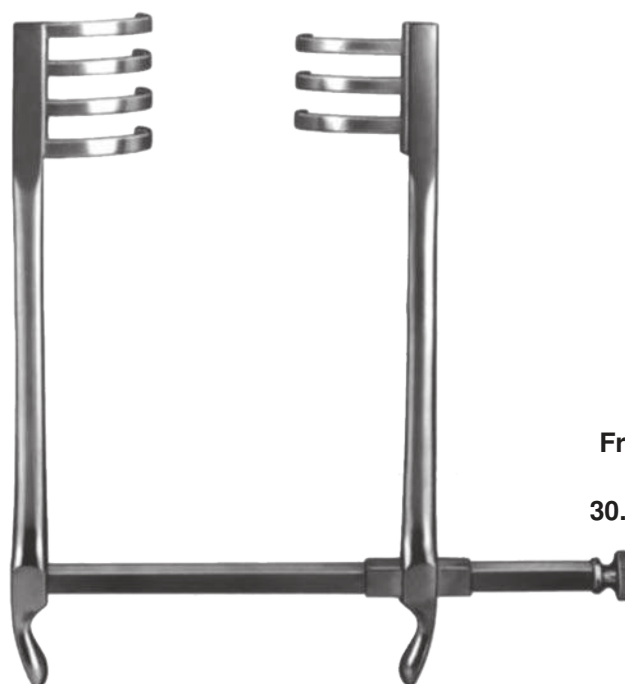
Gosset	Rozchylenie Spread Раскрытие	Łyżki boczne Lateral blades Боковые ложки
30.1553	140 mm	35x63 mm


Temple-Fay

Rozchylenie
Spread
Раскрытие

30.1554

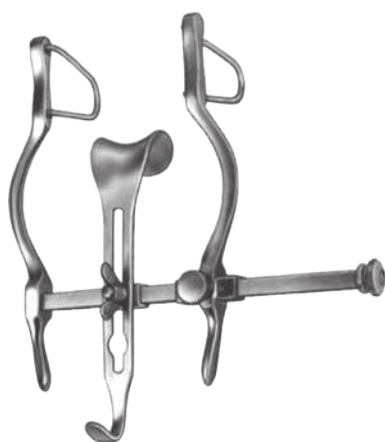
120 mm


Frazier

Rozchylenie
Spread
Раскрытие

30.1555

85 mm



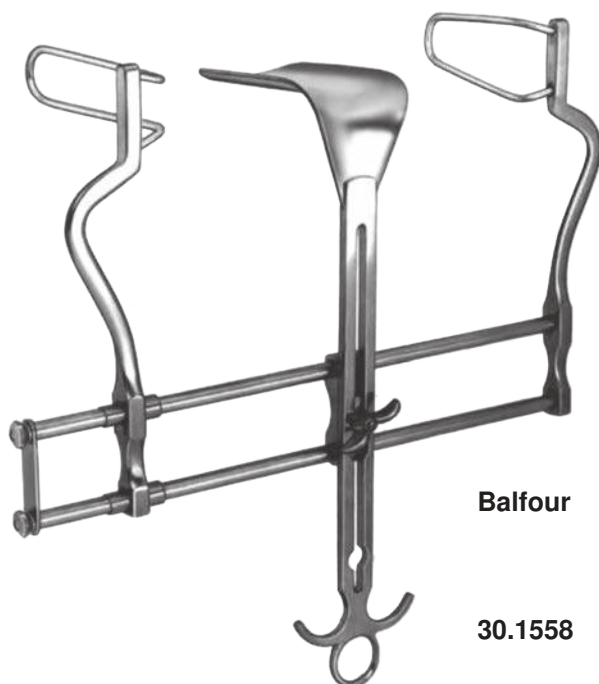
Balfour-Baby

	Rozchylenie Spread Раскрытие	Łyżki boczne Lateral blades Боковые ложки	Łyżka środkowa Center blade Серединная ложка
30.1556	90 mm	26x38 mm	25x23 mm



Balfour

	Rozchylenie Spread Раскрытие	Łyżki boczne Lateral blades Боковые ложки	Łyżka środkowa Center blade Серединная ложка
30.1557	180 mm	35x70 mm	45x80 mm



Balfour

	Rozchylenie Spread Раскрытие	Łyżki boczne Lateral blades Боковые ложки	Łyżka środkowa Center blade Серединная ложка
30.1558	200 mm	35x100 mm	60x100 mm


Balfour
30.1559

Rozchylenie
Spread
Раскрытие

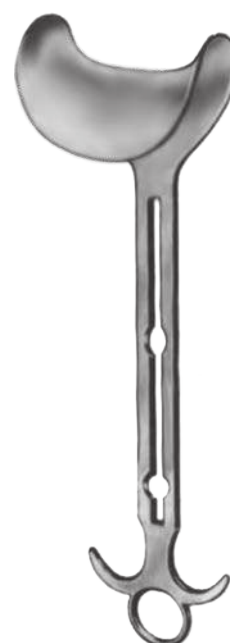
250 mm

Łyżki boczne
Lateral blades
Боковые ложки

35x100 mm

Łyżka środkowa
Center blade
Серединная ложка

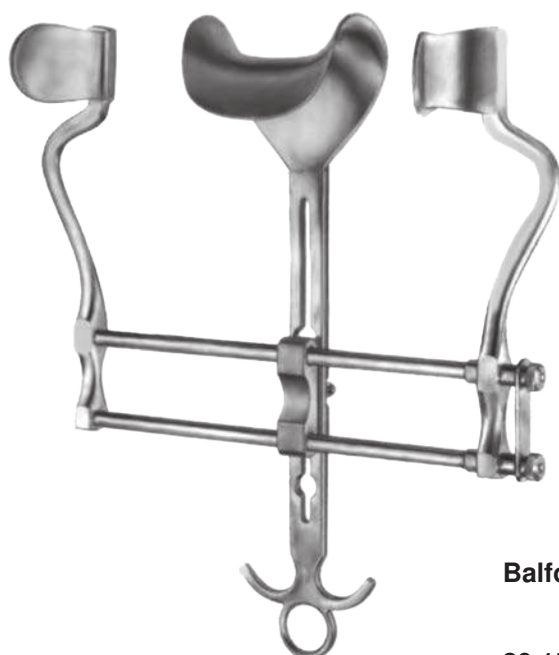
70x85 mm


Balfour
30.1561
30.1562

Łyżka środkowa
Center blade
Серединная ложка

45x80 mm

70x85 mm


Balfour
30.1560

Rozchylenie
Spread
Раскрытие

180 mm

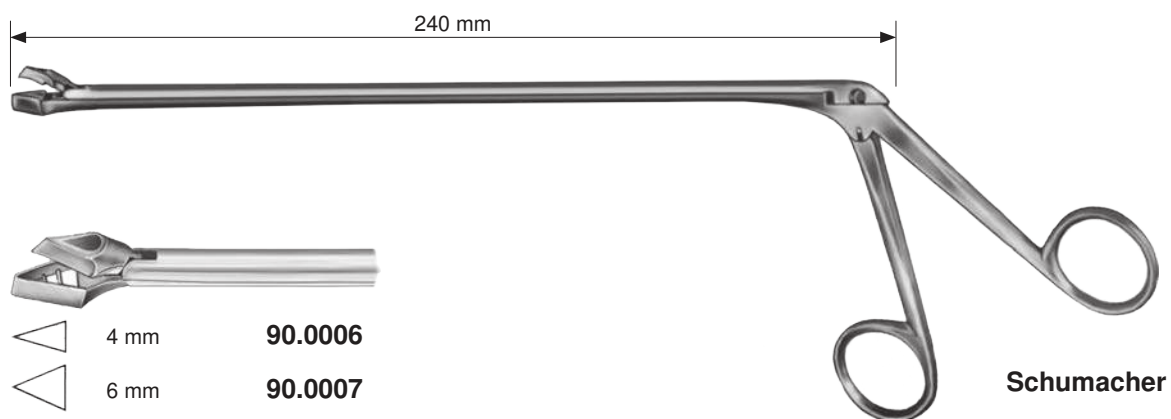
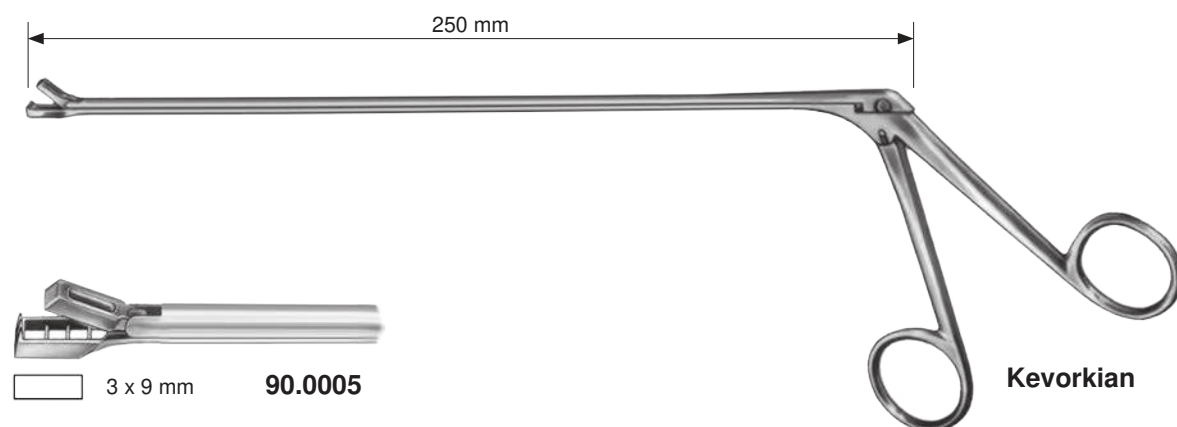
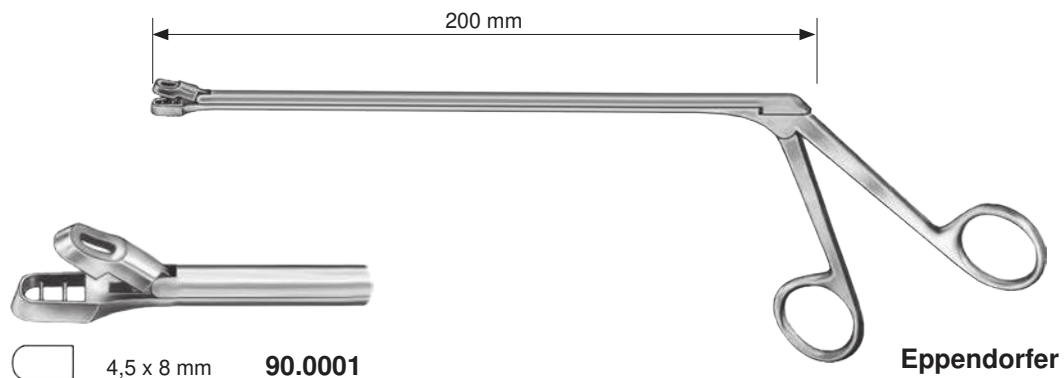
Łyżki boczne
Lateral blades
Боковые ложки

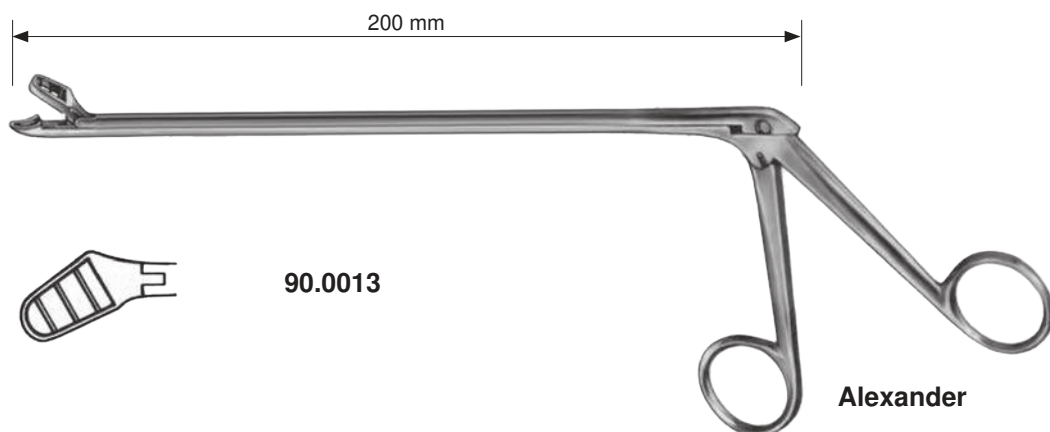
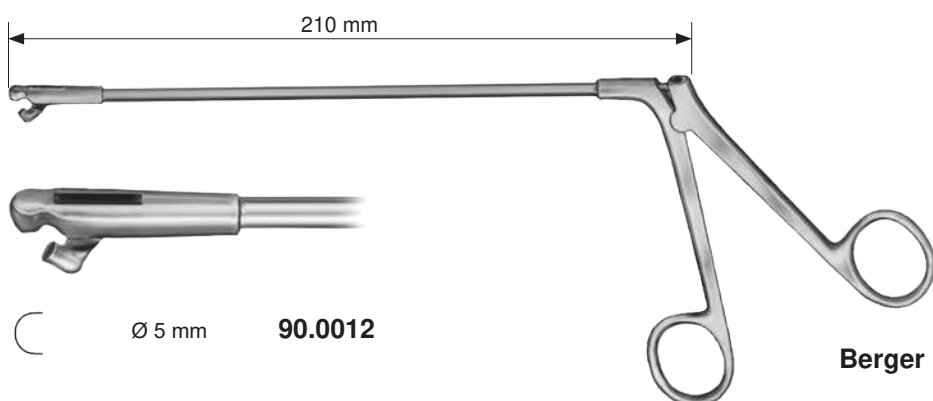
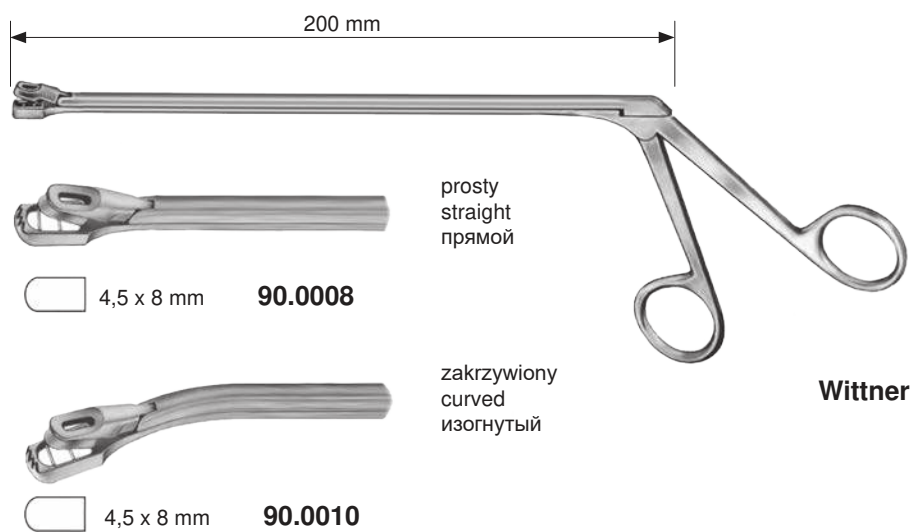
35x70 mm

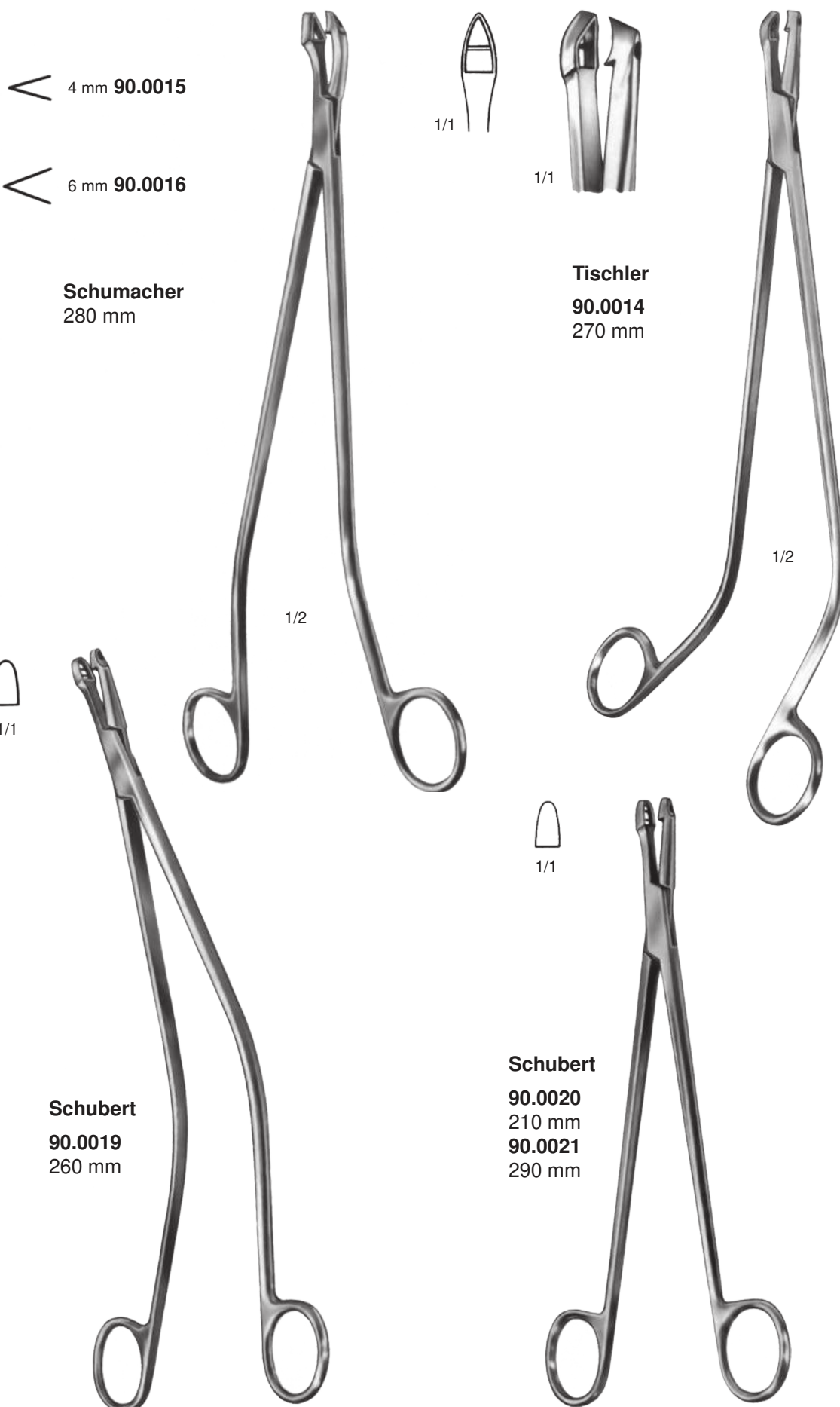
Łyżka środkowa
Center blade
Серединная ложка

45x80 mm











1/1

Van Doren

90.0022
240 mm



1/1

90.0023



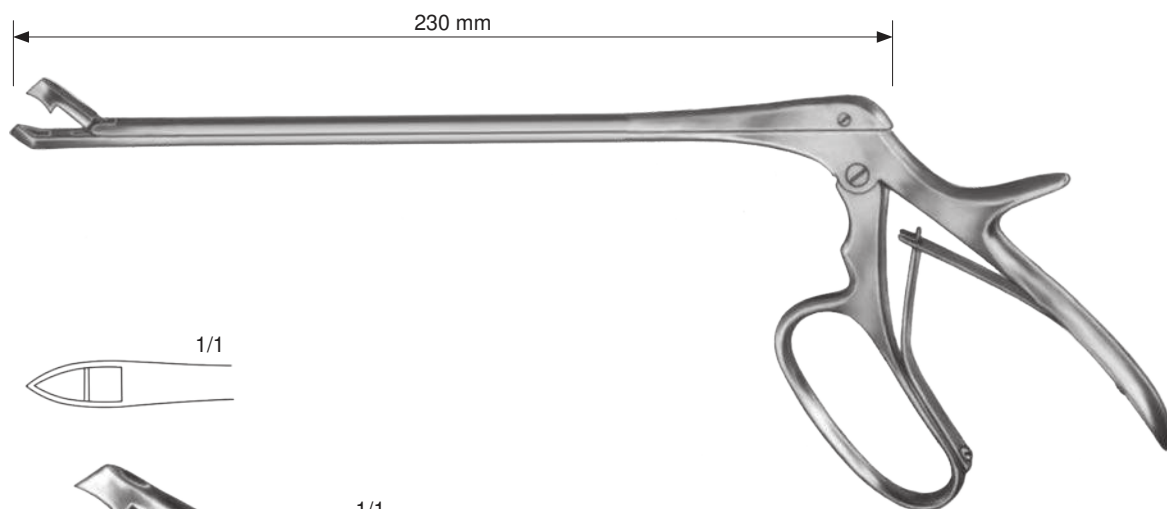
Faure
230 mm
90.0026



Thoms-Gaylor
240 mm
90.0027



Gellhorn
230 mm
90.0028



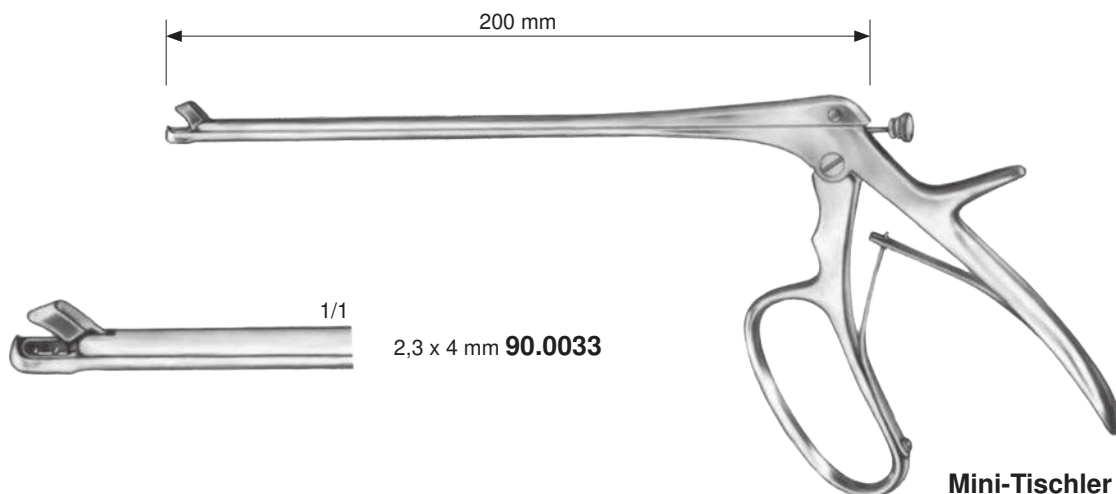
Tischler
90.0030



Tischler-Kevorkian
90.0031



Tischler-Morgan
90.0032



2,3 x 4 mm 90.0033

Mini-Tischler

Kristeller

wziernik • specula • зеркало

90.0100 70x27 mm

90.0101 80x30 mm

90.0102 90x36 mm

hak • retractor • хак

90.0103 75x23 mm

90.0104 85x26 mm

90.0105 100x32 mm

komplet • set • комплект

90.0106 Fig. 1

90.0107 Fig. 2

90.0108 Fig. 3

krótki model

short model

короткий вариант

Kristeller

wziernik • specula • зеркало

90.0109 105x18 mm

90.0110 105x21 mm

hak • retractor • хак

90.0111 110x14 mm

90.0112 110x17 mm

komplet • set • комплект

90.0113 Fig. 00

90.0114 Fig. 0

stożkowy kształt łyżki i haka
with conically shaped blades
с конической формой лезвий

Kristeller

wziernik • specula • зеркало

90.0117.001 105x26 mm

90.0118.001 105x28 mm

90.0119.001 105x33 mm

hak • retractor • хак

90.0117.002 115x22 mm

90.0118.002 115x24 mm

90.0119.002 115x29 mm

komplet • set • комплект

90.0117.000 Fig. 1

90.0118.000 Fig. 2

90.0119.000 Fig. 3

długi model

long model

длинный вариант

Kristeller

komplet • set • комплект

90.0122 70x15 mm

dla dzieci
for children
для детей

Kallmorgen

komplet • set • комплект

90.0123 70x40 mm

90.0124 90x40 mm

wziernik • specula • зеркало

90.0125 70x40 mm

90.0126 90x40 mm

hak • retractor • хак

90.0127 70x33 mm

90.0128 90x33 mm



podwójny
double
двойной

Sims

90.0129 25x30 mm

90.0130 30x35 mm

90.0131 35x40 mm



Semm

90.0132 95x14/18 mm

90.0133 100x20/25 mm

90.0134 105x27/35 mm



Doyen 70x30 mm

90.0135

240 mm



Breisky

290 mm

90.0136 100x20 mm

90.0137 100x25 mm

90.0138 100x30 mm

90.0139 100x35 mm

90.0140 100x40 mm

320 mm

90.0141 130x20 mm

90.0142 130x25 mm

90.0143 130x30 mm

90.0144 130x35 mm

90.0145 130x40 mm

350 mm

90.0146 155x40 mm



lekko wklęsły
slightly concave
слегка вогнутый

Doyen

90.0147 60x35 mm
90.0148 90x35 mm
90.0149 120x35 mm
90.0150 160x35 mm

90.0151 60x45 mm
90.0152 90x45 mm
90.0153 120x45 mm
90.0154 160x45 mm

90.0155 60x60 mm
90.0156 90x60 mm
90.0157 120x60 mm
90.0158 160x60 mm



Collin

90.0171 90x29 mm
90.0172 95x35 mm
90.0173 110x40 mm

haki poprzeczne • lateral retractors • хаки боковые



Lateral Retraktor
2x45° zakrzywiony
2x45° curved
2x45° изогнутый

90.0196
90.0197*)



Lateral Retraktor
2x45° zakrzywiony
2x45° curved
2x45° изогнутый

90.0198
90.0199*)

*) izolowane- stosowane w lasero- i elektrochirurgii • used in Laser- and Electrosurgery • использованные в лазер- и электрохирургии



Kogan
280 mm
z zapadką
with ratchet
с замком



4 x 23 mm

90.0200
90.0201*)

6 x 23 mm

90.0202
90.0203*)



3 x 23 mm

90.0204
90.0205*)



Kogan
90.0206
240 mm
bez zapadki
without ratchet
без замка



6 x 23 mm



Kogan
90.0207
240 mm
z zapadką śrubową
with screw ratchet
с винтовым замком

*) izolowane- stosowane w lasero- i elektrochirurgii • used in Laser- and Electrosurgery • использованные в лазер- и электрохирургии



Hegar

90.0229 1 mm	90.0259 1,5 mm
90.0230 2 mm	90.0260 2,5 mm
90.0231 3 mm	90.0261 3,5 mm
90.0232 4 mm	90.0262 4,5 mm
90.0233 5 mm	90.0263 5,5 mm
90.0234 6 mm	90.0264 6,5 mm
90.0235 7 mm	90.0265 7,5 mm
90.0236 8 mm	90.0266 8,5 mm
90.0237 9 mm	90.0267 9,5 mm
90.0238 10 mm	90.0268 10,5 mm
90.0239 11 mm	90.0269 11,5 mm
90.0240 12 mm	90.0270 12,5 mm
90.0241 13 mm	90.0271 13,5 mm
90.0242 14 mm	90.0272 14,5 mm
90.0243 15 mm	90.0273 15,5 mm
90.0244 16 mm	90.0274 16,5 mm
90.0245 17 mm	90.0275 17,5 mm
90.0246 18 mm	90.0276 18,5 mm
90.0247 19 mm	90.0277 19,5 mm
90.0248 20 mm	90.0278 20,5 mm
90.0249 21 mm	90.0279 21,5 mm
90.0250 22 mm	90.0280 22,5 mm
90.0251 23 mm	90.0281 23,5 mm
90.0252 24 mm	
90.0253 25 mm	
90.0254 26 mm	
90.0255 27 mm	
90.0256 28 mm	
90.0257 29 mm	
90.0258 30 mm	

komplet • set • набор

90.0282 4-17 mm

14 sztuk w komplecie • pieces per set • частей в наборе

90.0283 1-26 mm

26 sztuk w komplecie • pieces per set • частей в наборе

Hegar

- w skórzanym futerale
- in leather pouch
- в кожаном футляре



90.0284 4 - 17 mm

14 sztuk w komplecie • 14 pieces per set • 14 частей в наборе



tylko kasetka na:
metal case only, for:
только металлический ящик для:

90.0287 4 - 17 mm

14 sztuk w komplecie • pieces per set • частей в наборе

90.0288 1 - 26 mm

26 sztuk w komplecie • pieces per set • частей в наборе

Hegar

- w metalowej kasetce
- in metal case
- в металлическо ящике

90.0285 4 - 17 mm

14 sztuk w komplecie • 14 pieces per set • 14 частей в наборе

90.0286 1 - 26 mm

26 sztuk w komplecie • 26 pieces per set • 26 частей в наборе



Hegar

- podwójny w metalowej kasetce
- double in metal case
- двойной в металлическом ящике

90.0289 3/4 - 17/18 mm

8 sztuk w komplecie • pieces per set • частей в наборе

90.0290 1/2 - 25/26 mm

13 sztuk w komplecie • pieces per set • частей в наборе

tylko kasetka na:

metal case only, for:

только металлическом ящике для:

90.0291 3/4 - 17/18 mm

8 sztuk w komplecie • pieces per set • частей в наборе

90.0292 1/2 - 25/26 mm

13 sztuk w komplecie • pieces per set • частей в наборе



Hegar

- podwójny w zwijanym brezencie
- double in canvas roll
- двойной в холсте

90.0293 3/4 - 17/18 mm

8 sztuk w komplecie • pieces per set • частей в наборе



Hegar

podwójny • double • двойной

90.0294 1/2 mm

90.0295 3/4 mm

90.0296 5/6 mm

90.0297 7/8 mm

90.0298 9/10 mm

90.0299 11/12 mm

90.0300 13/14 mm

90.0301 15/16 mm

90.0302 17/18 mm

90.0303 19/20 mm

90.0304 21/22 mm

90.0305 23/24 mm

90.0306 25/26 mm



Sims 320 mm

90.0316

sztywna, z podziałką w cm
rigid, graduated in cm
твердый, степенный в см

90.0317

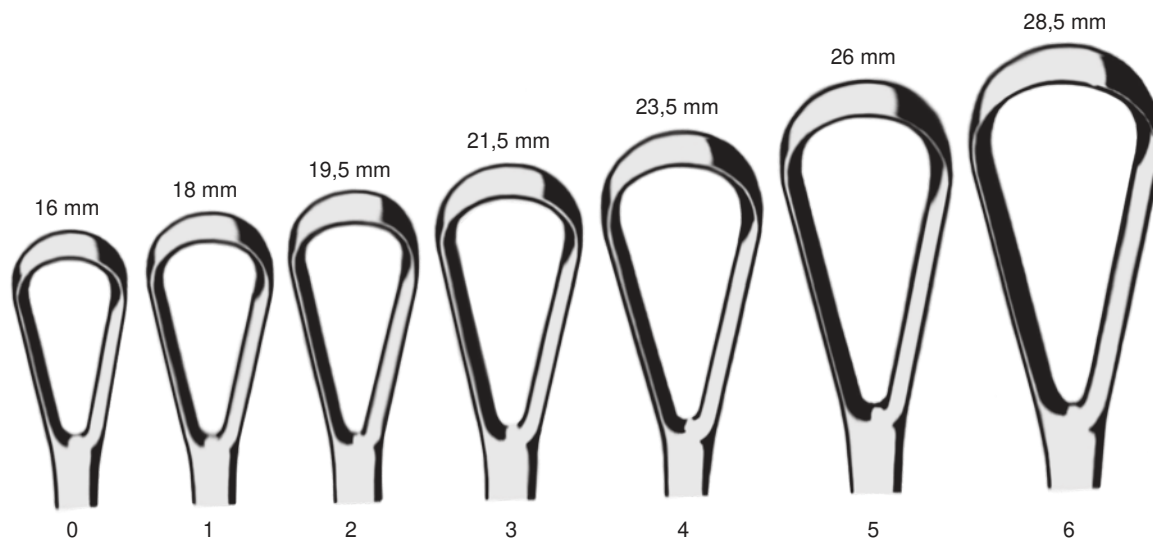
giętka, z podziałką w cm
malleable, graduated in cm
пружинчатый, степенный в см



Martin 320 mm

90.0318

giętka, z podziałką w cm
malleable, graduated in cm
пружинчатый, степенный в см

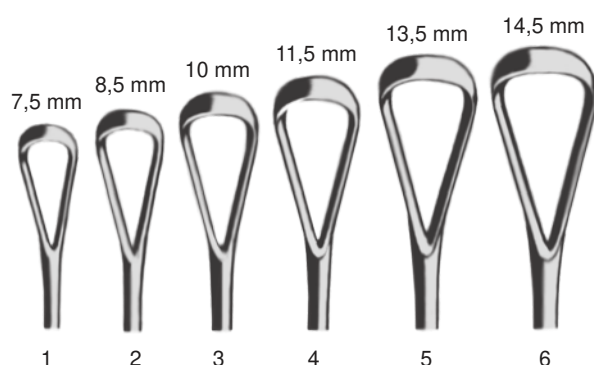


Bumm 280 mm

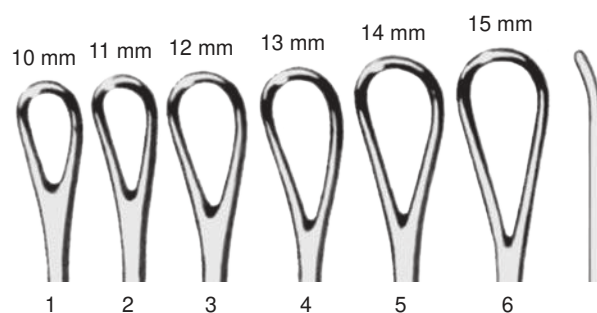
	ostra, giętka sharp, malleable острая, пружинчатая	tępa, giętka blunt, malleable тупая, пружинчатая
Fig. 0	90.0334	90.0341
Fig. 1	90.0335	90.0342
Fig. 2	90.0336	90.0343
Fig. 3	90.0337	90.0344
Fig. 4	90.0338	90.0345
Fig. 5	90.0339	90.0346
Fig. 6	90.0340	-



Sims 250 mm



	ostra, giętka sharp, malleable острая, пружинчатая	ostra, sztywna sharp, rigid острая, жёсткая	tępa, giętka blunt, malleable тупая, пружинчатая	tępa, sztywna blunt, rigid тупая, жёсткая
Fig. 1	90.0348	90.0354	90.0360	90.0366
Fig. 2	90.0349	90.0355	90.0361	90.0367
Fig. 3	90.0350	90.0356	90.0362	90.0368
Fig. 4	90.0351	90.0357	90.0363	90.0369
Fig. 5	90.0352	90.0358	90.0364	90.0370
Fig. 6	90.0353	90.0359	90.0365	90.0371



Thomas 280 mm

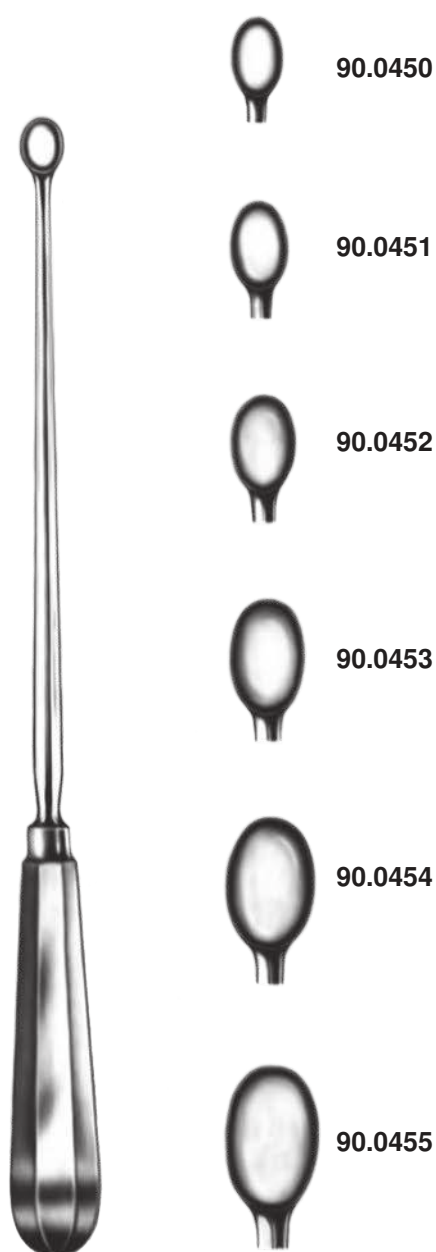


	tępa, giętka, gładka blunt, malleable, smooth тупая, пружинчатая, гладкая
Fig. 1	90.0372
Fig. 2	90.0373
Fig. 3	90.0374
Fig. 4	90.0375
Fig. 5	90.0376
Fig. 6	90.0377



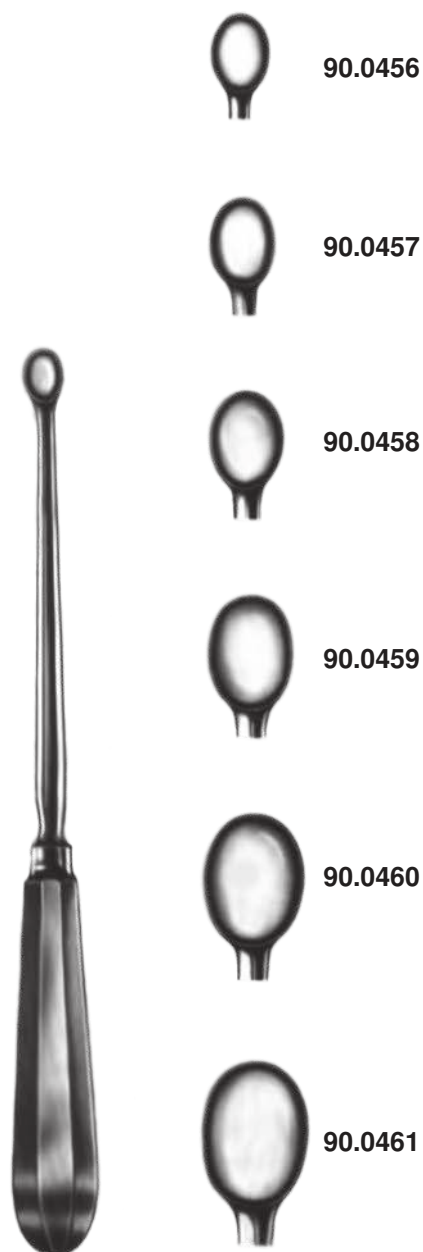
		ostra, giętka sharp, malleable острая, пружинчатая	ostra, sztywna sharp, rigid острая, жёсткая	tępa, giętka blunt, malleable тупая, пружинчатая	tępa, sztywna blunt, rigid тупая, жёсткая
Fig. 00	5 mm	90.0378	90.0396	90.0414	90.0432
Fig. 0	6 mm	90.0379	90.0397	90.0415	90.0433
Fig. 1	7 mm	90.0380	90.0398	90.0416	90.0434
Fig. 2	8 mm	90.0381	90.0399	90.0417	90.0435
Fig. 3	9 mm	90.0382	90.0400	90.0418	90.0436
Fig. 4	11 mm	90.0383	90.0401	90.0419	90.0437
Fig. 5	12 mm	90.0384	90.0402	90.0420	90.0438
Fig. 6	14 mm	90.0385	90.0403	90.0421	90.0439
Fig. 7	15 mm	90.0386	90.0404	90.0422	90.0440
Fig. 8	16 mm	90.0387	90.0405	90.0423	90.0441
Fig. 9	19 mm	90.0388	90.0406	90.0424	90.0442
Fig. 10	20 mm	90.0389	90.0407	90.0425	90.0443
Fig. 11	21 mm	90.0390	90.0408	90.0426	90.0444
Fig. 12	23 mm	90.0391	90.0409	90.0427	90.0445
Fig. 13	25 mm	90.0392	90.0410	90.0428	90.0446
Fig. 14	30 mm	90.0393	90.0411	90.0429	90.0447
Fig. 15	35 mm	90.0394	90.0412	90.0430	90.0448
Fig. 16	40 mm	90.0395	90.0413	90.0431	90.0449





Schroeder 300 mm

ostra, sztywna
sharp, rigid
острая, жёсткая

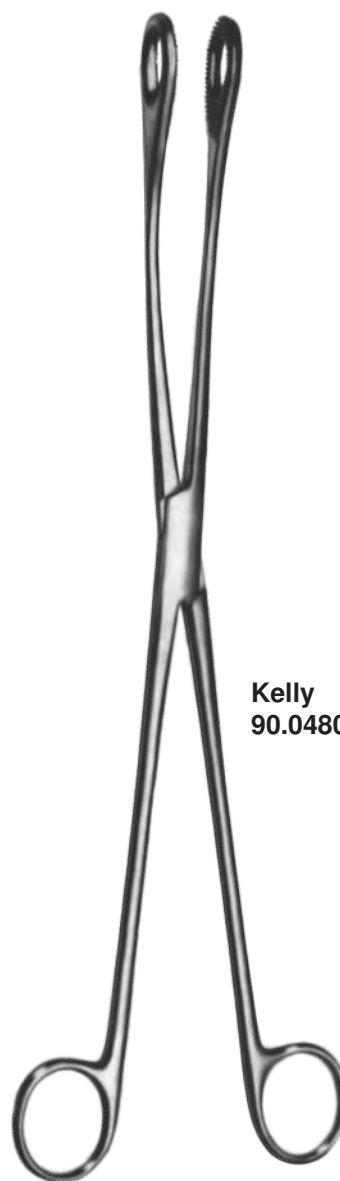


Simon 250 mm

ostra, sztywna
sharp, rigid
острая, жёсткая



Noto
90.0479 270 mm



Kelly
90.0480 320 mm

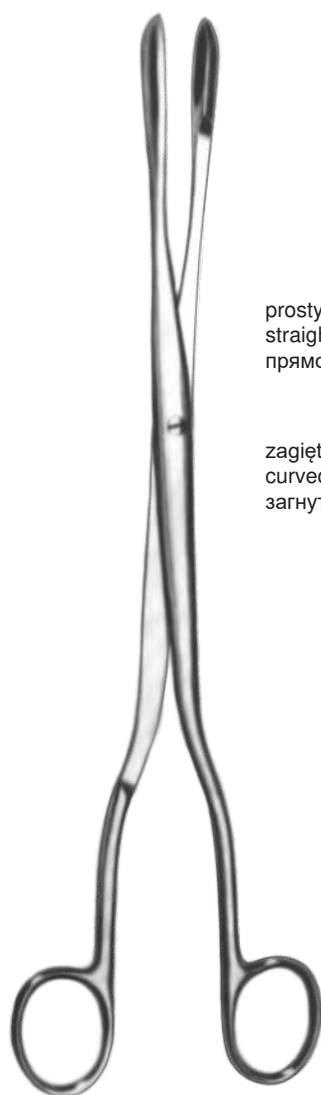


Doyen
90.0481 170 mm

śruby do mięśniaków
myoma screws
винты для миомы



Doyen
90.0482 170 mm



Winter 280 mm

prosty
straight
прямой

90.0483



90.0484



90.0485



zagięty
curved
загнутый

90.0486

90.0487

90.0488





Taca z drutu stalowego
Steel wire tray
Поднос из проволоки

12.0318.030 540 x 250 x 30 mm
12.0318.050 540 x 250 x 50 mm
12.0318.070 540 x 250 x 70 mm
12.0318.100 540 x 250 x 100 mm

12.0319.030 405 x 250 x 30 mm
12.0319.050 405 x 250 x 50 mm
12.0319.070 405 x 250 x 70 mm
12.0319.100 405 x 250 x 100 mm

12.0316.043 274 x 172 x 43 mm
12.0317.050 267 x 125 x 50 mm

12.0320.030 480 x 250 x 30 mm
12.0320.050 480 x 250 x 50 mm
12.0320.070 480 x 250 x 70 mm
12.0320.100 480 x 250 x 100 mm

12.0321.030 255 x 250 x 30 mm
12.0321.050 255 x 250 x 50 mm
12.0321.070 255 x 250 x 70 mm
12.0321.100 255 x 250 x 100 mm



Taca z drutu stalowego z pokrywą
Steel wire tray with lid
Поднос из проволоки с крышкой

12.0318.031 540 x 250 x 30 mm
12.0318.051 540 x 250 x 50 mm
12.0318.071 540 x 250 x 70 mm
12.0318.101 540 x 250 x 100 mm

12.0319.031 405 x 250 x 30 mm
12.0319.051 405 x 250 x 50 mm
12.0319.071 405 x 250 x 70 mm
12.0319.101 405 x 250 x 100 mm

12.0316.143 274 x 172 x 43 mm
12.0317.051 267 x 125 x 50 mm

12.0320.031 480 x 250 x 30 mm
12.0320.051 480 x 250 x 50 mm
12.0320.071 480 x 250 x 70 mm
12.0320.101 480 x 250 x 100 mm

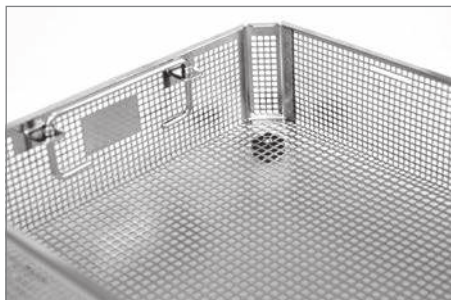
12.0321.031 255 x 250 x 30 mm
12.0321.051 255 x 250 x 50 mm
12.0321.071 255 x 250 x 70 mm
12.0321.101 255 x 250 x 100 mm



Taca z drutu stalowego z pokrywą
Steel wire tray with lid
Поднос из проволоки с крышкой

12.0439 670 x 80 x 52 mm
12.0440 460 x 80 x 52 mm
12.0441 290 x 80 x 52 mm

12.0442 640 x 150 x 77 mm



Taca z blachy perforowanej
Perforated sheet tray
Поднос из перфорированного металлического листа

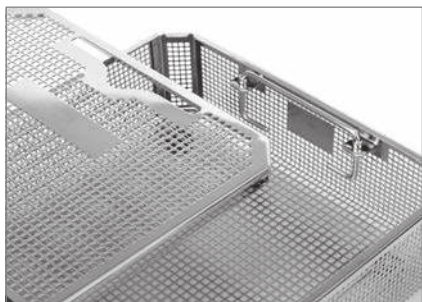
12.0322.030 540 x 253 x 30 mm
12.0322.050 540 x 253 x 50 mm
12.0322.070 540 x 253 x 70 mm
12.0322.100 540 x 253 x 100 mm

12.0323.030 485 x 253 x 30 mm
12.0323.050 485 x 253 x 50 mm
12.0323.070 485 x 253 x 70 mm
12.0323.100 485 x 253 x 100 mm

12.0327.030 405 x 253 x 30 mm
12.0327.050 405 x 253 x 50 mm
12.0327.070 405 x 253 x 70 mm
12.0327.100 405 x 253 x 100 mm

12.0324.030 244 x 253 x 30 mm
12.0324.050 244 x 253 x 50 mm
12.0324.070 244 x 253 x 70 mm
12.0324.100 244 x 253 x 100 mm

12.0325.040 275 x 175 x 40 mm
12.0325.095 275 x 175 x 95 mm
12.0326.050 265 x 125 x 50 mm



Taca z blachy perforowanej z pokrywą
Perforated sheet tray with lid
Поднос из перфорированного металлического листа с крышкой

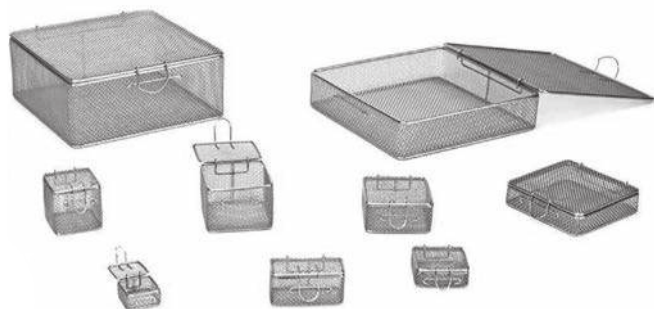
12.0322.031 540 x 253 x 30 mm
12.0322.051 540 x 253 x 50 mm
12.0322.071 540 x 253 x 70 mm
12.0322.101 540 x 253 x 100 mm

12.0323.031 485 x 253 x 30 mm
12.0323.051 485 x 253 x 50 mm
12.0323.071 485 x 253 x 70 mm
12.0323.101 485 x 253 x 100 mm

12.0327.031 405 x 253 x 30 mm
12.0327.051 405 x 253 x 50 mm
12.0327.071 405 x 253 x 70 mm
12.0327.101 405 x 253 x 100 mm

12.0324.031 244 x 253 x 30 mm
12.0324.051 244 x 253 x 50 mm
12.0324.071 244 x 253 x 70 mm
12.0324.101 244 x 253 x 100 mm

12.0325.041 275 x 175 x 40 mm
12.0325.195 275 x 175 x 95 mm
12.0326.051 265 x 125 x 50 mm



Taca z drutu stalowego
Steel mesh tray
Поддон из нержавеющей проволоки

12.0328.030	30 x 30 x 30 mm
12.0329.020	40 x 40 x 20 mm
12.0329.040	40 x 40 x 40 mm
12.0330.020	60 x 60 x 20 mm
12.0330.040	60 x 60 x 40 mm
12.0330.060	60 x 60 x 60 mm
12.0331.020	80 x 80 x 20 mm
12.0331.140	80 x 40 x 40 mm
12.0331.040	80 x 80 x 40 mm
12.0331.060	80 x 80 x 60 mm
12.0331.080	80 x 80 x 80 mm
12.0332.010	100 x 100 x 10 mm
12.0333.030	120 x 120 x 30 mm
12.0333.060	120 x 120 x 60 mm
12.0333.080	120 x 120 x 80 mm
12.0334.030	240 x 240 x 30 mm
12.0334.060	240 x 240 x 60 mm
12.0334.080	240 x 240 x 80 mm
12.0334.100	240 x 240 x 100 mm



K2-740
Filtr papierowy, jednorazowy, opak. 100 szt.
Single use paper filter, 100 pcs
Бумажный фильтр, одноразовый, 100 шт.



Maty silikonowe
Silicone mats
Силиконовые коврики

12.0718.000	275 x 125 mm
12.0719.000	250 x 235 mm
12.0720.000	300 x 300 mm
12.0721.000	380 x 230 mm
12.0722.000	440 x 230 mm
12.0723.000	520 x 230 mm
12.0724.000	230 x 220 mm
12.0725.000	470 x 230 mm
12.0726.000	260 x 180 mm



12.0727.000	250 x 240 x 2 mm
12.0728.000	480 x 250 x 2 mm



K2-660
Plomby plastikowe, opak. 100 szt.
Plastic security seal, 100 pcs
Пластиковые пломбы, 100 шт.



12.0400.030 230 x 155 x 30 mm
12.0401.030 300 x 175 x 30 mm
12.0401.040 300 x 175 x 40 mm
12.0402.040 350 x 240 x 40 mm
12.0403.050 400 x 300 x 50 mm



12.0411.040 235 x 190 x 40 mm



12.0404.010 210 x 160 x 10 mm
12.0405.010 240 x 180 x 10 mm
12.0406.010 310 x 150 x 10 mm
12.0407.010 310 x 210 x 10 mm
12.0408.010 350 x 240 x 10 mm
12.0409.020 400 x 270 x 20 mm
12.0410.010 420 x 280 x 10 mm



12.0412.040 100 x 60 x 40 mm
12.0413.040 120 x 80 x 40 mm
12.0414.030 160 x 100 x 30 mm
12.0415.035 170 x 90 x 35 mm
12.0416.050 180 x 120 x 50 mm
12.0417.050 200 x 100 x 50 mm
12.0418.050 220 x 150 x 50 mm
12.0419.050 260 x 150 x 50 mm
12.0420.050 300 x 200 x 50 mm
12.0421.050 310 x 201 x 50 mm
12.0422.080 400 x 200 x 80 mm
12.0423.070 500 x 270 x 70 mm



12.0424.040 180 x 80 x 40 mm
12.0425.060 200 x 100 x 60 mm
12.0426.060 220 x 120 x 60 mm
12.0427.060 250 x 120 x 60 mm
12.0428.060 300 x 125 x 60 mm
12.0429.060 320 x 150 x 60 mm
12.0430.120 500 x 200 x 120 mm



30.4300	40 mm
30.4301	60 mm
30.4302	80 mm
30.4303	100 mm
30.4304	120 mm
30.4305	150 mm

30.4306	165 x 60 mm	0,75 l
30.4307	175 x 70 mm	1,00 l
30.4308	220 x 80 mm	2,00 l
30.4309	225 x 90 mm	2,50 l
30.4310	240 x 110 mm	3,00 l
30.4311	255 x 115 mm	4,00 l
30.4312	275 x 115 mm	4,50 l
30.4313	290 x 125 mm	6,00 l
30.4314	310 x 120 mm	6,00 l
30.4315	345 x 125 mm	8,50 l
30.4316	380 x 130 mm	11,00 l
30.4317	415 x 140 mm	14,00 l

30.4318	70 mm	0,25 l
30.4319	110 mm	0,50 l
30.4320	140 mm	1,00 l
30.4321	160 mm	1,50 l
30.4322	180 mm	2,00 l



30.4323	170 mm
30.4324	200 mm
30.4325	250 mm
30.4326	270 mm

30.4330	40 x 19 mm	0,05 l
30.4331	61 x 30 mm	0,07 l
30.4332	80 x 40 mm	0,14 l
30.4333	116 x 50 mm	0,35 l
30.4334	128 x 55 mm	0,45 l
30.4335	147 x 65 mm	0,70 l
30.4336	210 x 90 mm	2,50 l

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12.0316.043	166	12.0327.071	167	30.0044	8	30.0158	21
12.0316.143	166	12.0327.100	167	30.0046	8	30.0159	21
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12.0318.030	166	12.0329.020	168	30.0057	50	30.0162	21
12.0318.031	166	12.0329.040	168	30.0058	50	30.0163	21
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12.0318.070	166	12.0330.060	168	30.0082	49	30.0166	21
12.0318.071	166	12.0331.020	168	30.0083	49	30.0167	21
12.0318.100	166	12.0331.040	168	30.0084	49	30.0168	21
12.0318.101	166	12.0331.060	168	30.0085	49	30.0169	21
12.0319.030	166	12.0331.140	168	30.0086	49	30.0170	21
12.0319.031	166	12.0332.010	168	30.0087	49	30.0171	21
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12.0319.051	166	12.0333.060	168	30.0089	49	30.0173	21
12.0319.070	166	12.0333.080	168	30.0090	49	30.0174	21
12.0319.071	166	12.0334.030	168	30.0091	49	30.0175	21
12.0319.100	166	12.0334.060	168	30.0092	49	30.0176	21
12.0319.101	166	12.0334.080	168	30.0092.100	49	30.0177	21
12.0320.030	166	12.0334.100	168	30.0093	49	30.0178	21
12.0320.031	166	12.0400.030	169	30.0094	49	30.0179	21
12.0320.050	166	12.0401.030	169	30.0094.100	49	30.0180	21
12.0320.051	166	12.0401.040	169	30.0095	49	30.0181	21
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12.0320.071	166	12.0403.050	169	30.0099	8	30.0183	21
12.0320.100	166	12.0404.010	169	30.0100	49	30.0184	21
12.0320.101	166	12.0405.010	169	30.0101	49	30.0185	21
12.0321.030	166	12.0406.010	169	30.0102	49	30.0186	21
12.0321.031	166	12.0407.010	169	30.0103	49	30.0187	21
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12.0321.070	166	12.0410.010	169	30.0105	49	30.0190	21
12.0321.071	166	12.0411.040	169	30.0105.100	49	30.0191	21
12.0321.100	166	12.0412.040	169	30.0121	21	30.0192	21
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12.0322.030	167	12.0414.030	169	30.0123	21	30.0194	21
12.0322.031	167	12.0415.035	169	30.0124	21	30.0195	21
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12.0322.070	167	12.0418.050	169	30.0127	21	30.0198	21
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12.0322.100	167	12.0420.050	169	30.0129	21	30.0200	21
12.0322.101	167	12.0421.050	169	30.0130	21	30.0201	21
12.0323.030	167	12.0422.080	169	30.0131	21	30.0202	21
12.0323.031	167	12.0423.070	169	30.0132	21	30.0203	21
12.0323.050	167	12.0424.040	169	30.0133	21	30.0204	21
12.0323.051	167	12.0425.060	169	30.0134	21	30.0205	21
12.0323.070	167	12.0426.060	169	30.0135	21	30.0206	21
12.0323.071	167	12.0427.060	169	30.0136	21	30.0207	21
12.0323.100	167	12.0428.060	169	30.0137	21	30.0208	21
12.0323.101	167	12.0429.060	169	30.0138	21	30.0209	21
12.0324.030	167	12.0430.120	169	30.0139	21	30.0210	21
12.0324.031	167	12.0439	166	30.0140	21	30.0211	50
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12.0324.070	167	12.0442	166	30.0143	21	30.0214	50
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12.0325.195	167	12.0724.000	168	30.0150	21	30.0221.000	51
12.0326.050	167	12.0725.000	168	30.0151	21	30.0221.130	51
12.0326.051	167	12.0726.000	168	30.0152	21	30.0222.000	51
12.0327.030	167	12.0727.000	168	30.0153	21	30.0222.130	51
12.0327.031	167	12.0728.000	168	30.0154	21	30.0223	51
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12.0327.051	167	30.0042	8	30.0156	21	30.0225	51
12.0327.070	167	30.0043	8	30.0157	21	30.0226	51

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30.0227	51	30.0296	57	30.1073	93	30.1151	96
30.0228	51	30.0297	57	30.1074	93	30.1152	96
30.0229	51	30.0298	57	30.1075	93	30.1153	97
30.0230	51	30.0299	57	30.1076	93	30.1154	97
30.0231	51	30.1002	89	30.1077	93	30.1155	97
30.0232	51	30.1004	89	30.1078	93	30.1156	97
30.0233	51	30.1005	89	30.1079	93	30.1157	97
30.0234	51	30.1006	89	30.1080	93	30.1158	97
30.0235	51	30.1007	89	30.1081	93	30.1159	97
30.0236	51	30.1008	89	30.1082	93	30.1160	97
30.0237	51	30.1009	89	30.1083	93	30.1161	97
30.0238	51	30.1010	89	30.1084	93	30.1162	97
30.0239	51	30.1011	89	30.1085	93	30.1163	97
30.0240	51	30.1012	89	30.1086	93	30.1167	98
30.0241	51	30.1013	89	30.1087	93	30.1168	97
30.0242	51	30.1015	112	30.1088	93	30.1169	97
30.0243	51	30.1016	90	30.1089	93	30.1170	97
30.0244	51	30.1017	90	30.1090	93	30.1171	97
30.0245	51	30.1018	90	30.1091	94	30.1172	97
30.0246	51	30.1019	90	30.1092	94	30.1173	98
30.0247	51	30.1020	90	30.1093	94	30.1174	97
30.0248	51	30.1021	90	30.1094	94	30.1175	97
30.0249	51	30.1022	90	30.1095	94	30.1176	97
30.0250	51	30.1023	90	30.1096	94	30.1177	97
30.0251	51	30.1024	90	30.1098	94	30.1178	97
30.0252	51	30.1025	90	30.1099	94	30.1179	97
30.0253	51	30.1026	90	30.1103	94	30.1180	98
30.0254	51	30.1027	91	30.1104	94	30.1181	98
30.0255	51	30.1028	91	30.1105	94	30.1182	98
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30.0295	57	30.1072	93	30.1150	96	30.1234	104

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30.1555	139	30.2001	57	30.2076	63	30.2147	69
30.1556	140	30.2002	57	30.2077	63	30.2148	69
30.1557	140	30.2003	57	30.2078	63	30.2149	69
30.1558	140	30.2004	57	30.2079	63	30.2150	69
30.1559	141	30.2005	57	30.2080	63	30.2151	69
30.1560	141	30.2006	57	30.2082	64	30.2152	69
30.1561	141	30.2007	57	30.2083	64	30.2153	69
30.1562	141	30.2008	57	30.2084	64	30.2154	69
30.1592	125	30.2009	57	30.2085	64	30.2155	69
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30.1653.002	90	30.2012	57	30.2088	64	30.2159	69
30.1653.005	90	30.2013	57	30.2089	64	30.2160	69
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30.1653.010	90	30.2015	58	30.2090	64	30.2162	69
30.1900	54	30.2016	58	30.2090.250	64	30.2163	69
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30.1922	55	30.2042	60	30.2114	66	30.2186	71
30.1923	55	30.2043	61	30.2115	66	30.2187	71
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30.1925	56	30.2045	61	30.2119	66	30.2189	71
30.1926	56	30.2046	61	30.2120	66	30.2190	72
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30.1929	56	30.2049	61	30.2122.000	67	30.2193	72
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30.1931	56	30.2051	61	30.2123	67	30.2195	72
30.1932	56	30.2052	61	30.2124	67	30.2196	72
30.1935	67	30.2053	61	30.2125	67	30.2197	72
30.1936	67	30.2054	61	30.2127	67	30.2198	72
30.1937	84	30.2055	61	30.2128	67	30.2199	72
30.1938	84	30.2056.100	61	30.2129	67	30.2200	73
30.1939	84	30.2057	62	30.2130	53	30.2201	73
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30.1942	84	30.2059.145	62	30.2131	68	30.2204	73
30.1943	85	30.2060	62	30.2132	68	30.2205	73
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30.1945	85	30.2062	62	30.2134	68	30.2207	73
30.1946	85	30.2063	62	30.2135	68	30.2208	74
30.1947	71	30.2064	62	30.2136	68	30.2209	74
30.1948	71	30.2065	62	30.2137	68	30.2210	74
30.1949	71	30.2066	62	30.2138	68	30.2211	74
30.1950	71	30.2068	63	30.2139	68	30.2212	74
30.1951	71	30.2069	63	30.2140	68	30.2213	74

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30.2258	82	30.2372	24	30.2452	31	30.2527	78
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30.2328.012	22	30.2403	25	30.2480	34	30.2550	38
30.2328.090	22	30.2404	25	30.2481	34	30.2551	38
30.2329.010	22	30.2405	25	30.2482	34	30.2552	38

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30.2561	37	30.2722	13	30.2793	18	30.3334	39
30.2562	37	30.2723	13	30.2794	18	30.3335	39
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