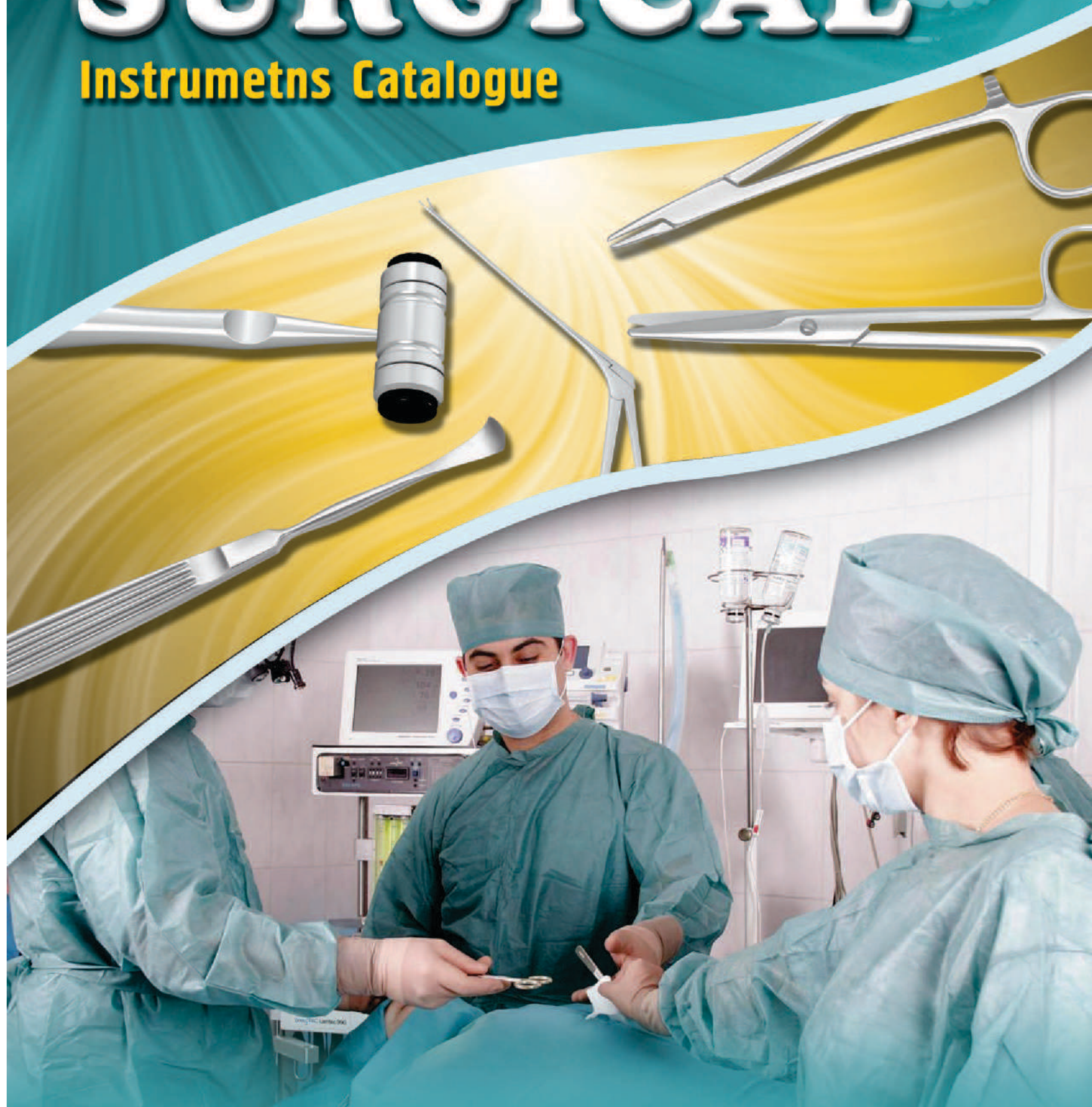


SURGICAL

Instrumentns Catalogue



G^{AND}
SURGICAL
INSTRUMENTS

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We Present this Catalogue with the aim of long life commitment and missionary dedication brought the Company, We acquired unblemished of reputation as manufacturers of complete range of Surgical Instruments as per standard set by international medical and surgical organizations.

We have come to specialize in instruments concerning General Surgery or The two vital factors that can darken or illuminate the world of a patient are the dexterity of the surgeons hands & the precision of the instruments involved. As for as the accuracy of the instruments is concerned, we perform our part as conscientiously as is possible by the combination of human hands and the latest available technology.

Service to humanity comes first on our agenda, business and profit is the second.

From the procurement of raw materials to packing, all the phases of the process are conducted under the same roof. This ensures and facilitates our interference at any stage of the process, which makes it possible for us to achieve perfection. Our technical experts can achieve any degree of technicality, ranging from the slightest variations to complete redesigning and production of entirely new items.

The quality of raw materials is of the international standard, but we can also satisfy individual specifications selecting from a large variety of imported steel.

We also welcome enquires for the instruments not listed in this catalogue both in the Surgical Instruments

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DIAGNOSTICS SET

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INSTRUMENTS



**Set
3001**



**Set
3002**



**Set
3003**



**Set
3004**

DIAGNOSTICS SET

G^{RAND}
SURGICAL
INSTRUMENTS



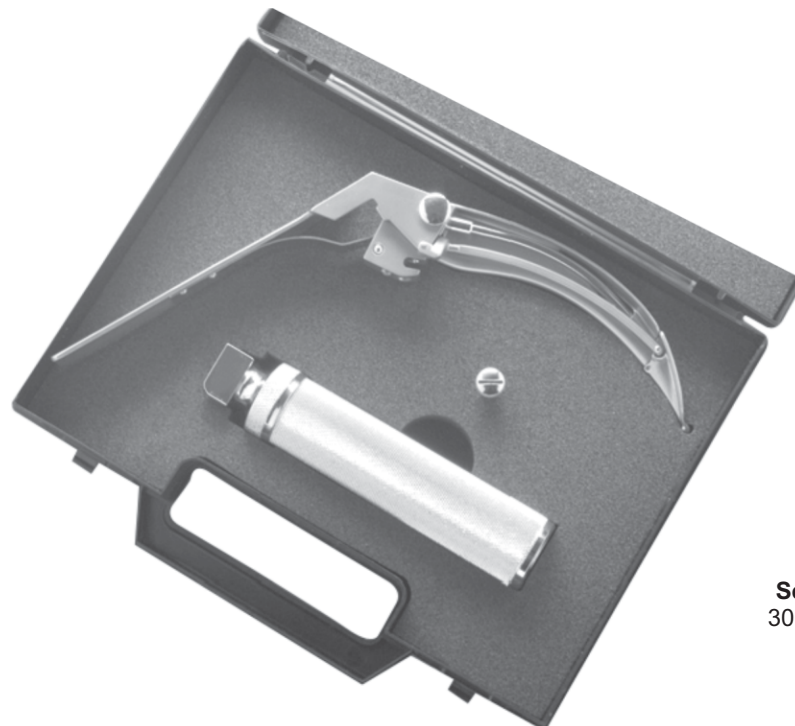
Set
3005



Set
3006



**Set
3007**



**Set
3008**

DIAGNOSTICS SET

G^{RAND}
SURGICAL
INSTRUMENTS



3009



3011



3010



3013



3012



Set
3014





**Set
3015**



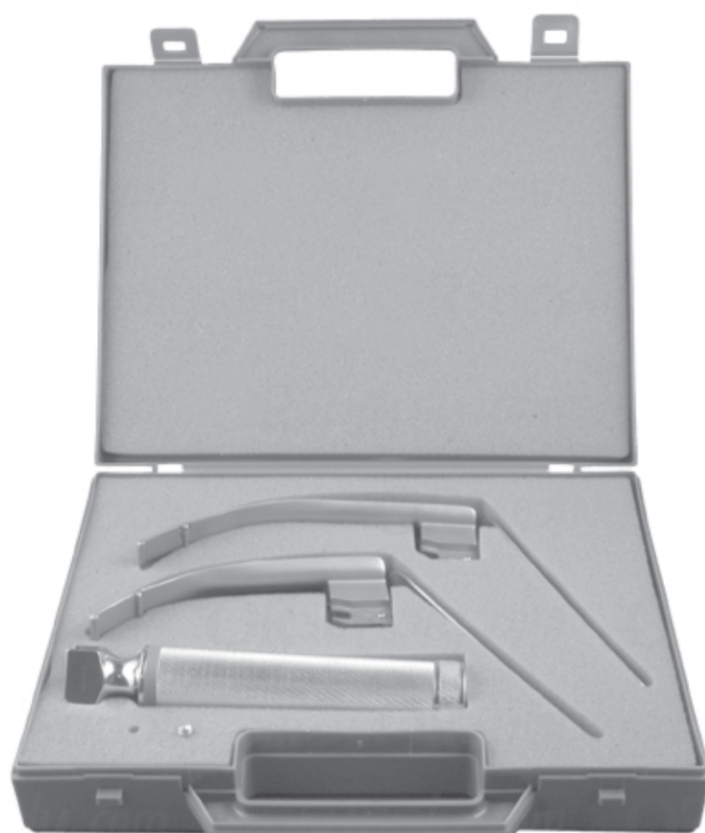
**Set
3016**

DIAGNOSTICS SET

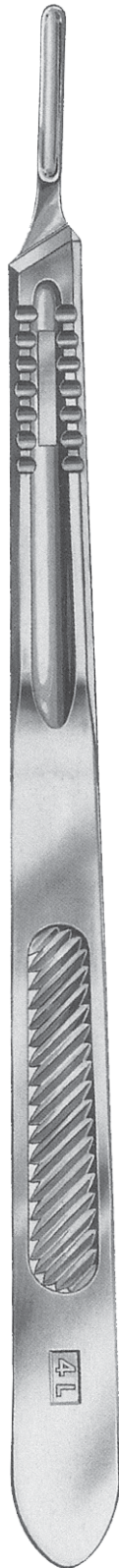
G^{RAND}
SURGICAL
INSTRUMENTS



**Set
3017**



**Set
3018**



No. 4L
3019



ERGONOMIC
3020



No. 7
3021



No. 3
3022



3023



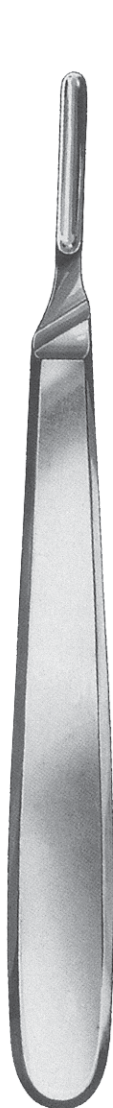
3024



3025



No.3L
3026



No.10
3027



No.4
3028



No.9
3029



BARRON
3030
For "B.P." type blades
for use with No's 10,11,12
& 15 blades
135mm (5.1/4")

STERILE BLADES

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3031



3032



3033



3034



3035



3036



3037



3038



3039



3040



3041



3042

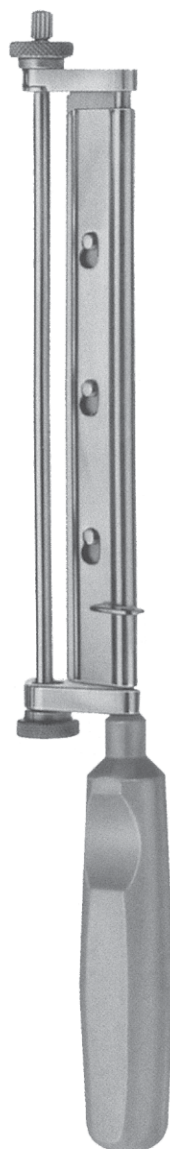




SILVER

3043
Skin Graft Knife
without blade
190mm (7.1/2")

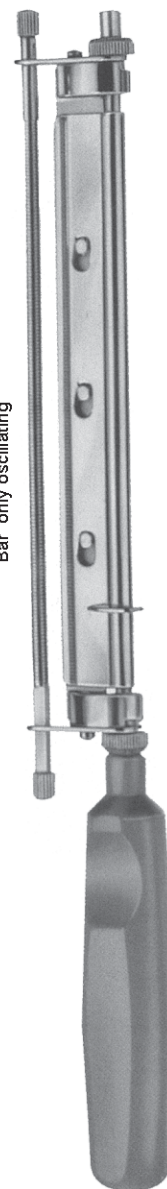
Bar fixed



WATSON

3044
Skin Graft Knife
without blade
300mm (12")

Bar only oscillating



COBBETT

3045
Skin Graft Knife
without blade
315mm (12.2/3")

SCISSORS

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INSTRUMENTS



MAYO
Straight, bevelled blades



3046
140 mm
(5.1/2")

3047
190 mm
(7.1/2")



3048
170 mm
(6.3/4")

3049
215mm
(8.1/2")



3050
140 mm
(5.1/2")

3051
190 mm
(7.1/2")



3052
170 mm
(6.3/4")

3053
215mm
(8.1/2")

Curved on flat, bevelled blades



MAYO
Round Blades



3054
170 mm
(6.3/4")

200mm
(8")
Straight



3055
140mm
(5.1/2")

150 mm
(6")
Straight



MAYO
Round Blades



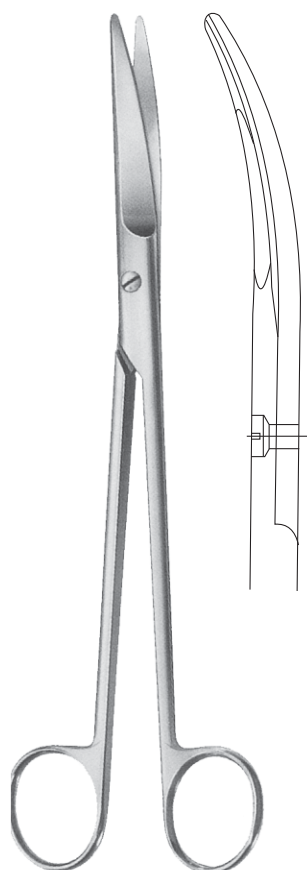
3056
170 mm
(6.3/4")

200mm
(8")
Curved on
flat

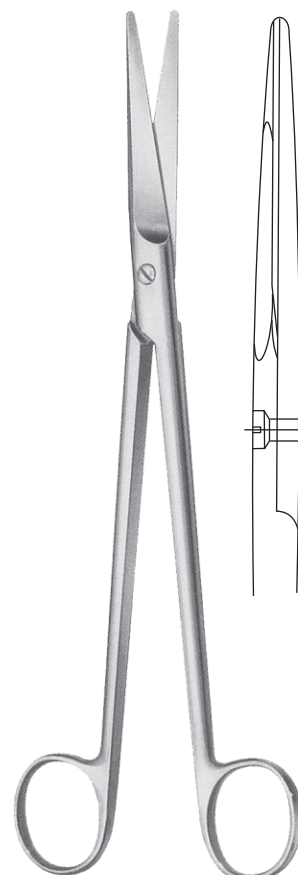


3057
140mm
(5.1/2")

150 mm
(6")
Curved on
flat



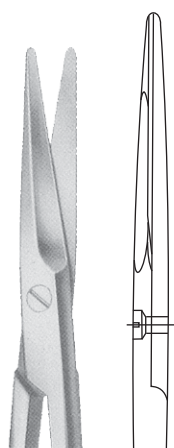
**MAYO HARRINGTON
3058**
225mm (9")
Curved on flat , blunt points



**MAYO HARRINGTON
3059**
225mm (9")
Straight, blunt points



MAYO (STILLE)



3060
170 mm
(6.3/4")
Straight



3061
150 mm
(6")
Straight



3062
170 mm
(6.3/4")
Curved on
flate



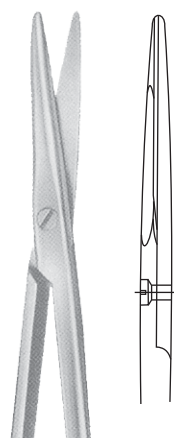
3063
150 mm
(6")
Curved on
flate

SCISSORS

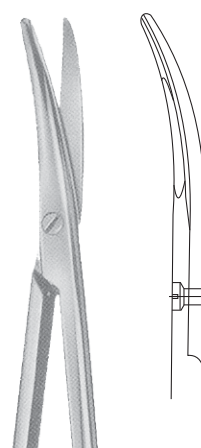
G
RAND
SURGICAL
INSTRUMENTS



METZENBAUM



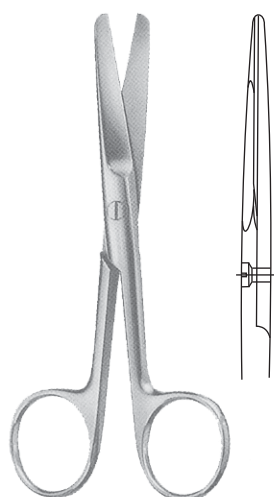
METZENBAUM
Straight, blunt points
3064
115mm (4.1/2")
3065
145mm (5.3/4")
3066
180mm (7")
3067
200mm (8")



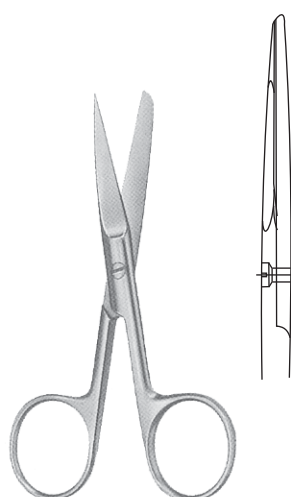
METZENBAUM
Curved on flat, blunt points
3070
115mm (4.1/2")
3071
145mm (5.3/4")
3072
180mm (7")
3073
200mm (8")

METZENBAUM (Nelson)
Straight
3068
230mm (9")
3069
250mm (10")

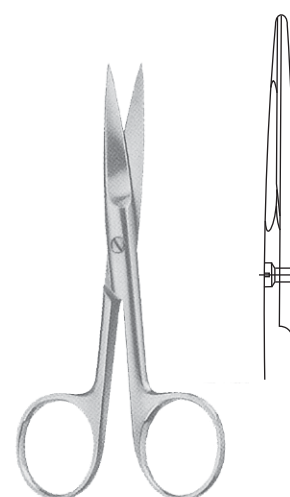
METZENBAUM (Nelson)
Curved on flat
3074
230mm (9")
3075
250mm (10")



DRESSING
Straight, blunt / blunt points
3076
125mm (5")
3077
145mm (5.3/4")
3078
150mm (6")
3079
180mm (7")
3080
200mm (8")

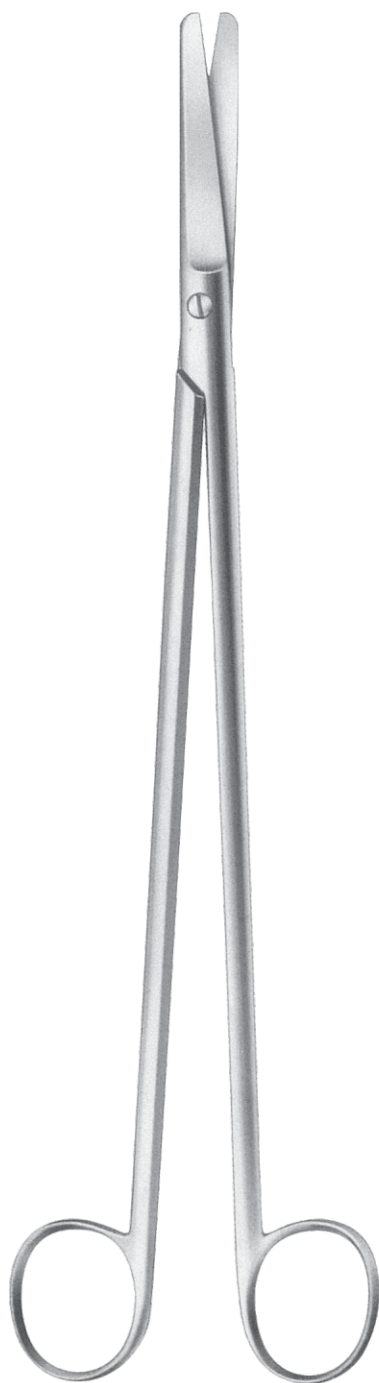


DRESSING
Straight, sharp / blunt points
3081
125mm (5")
3082
145mm (5.3/4")
3083
150mm (6")
3084
180mm (7")
3085
200mm (8")



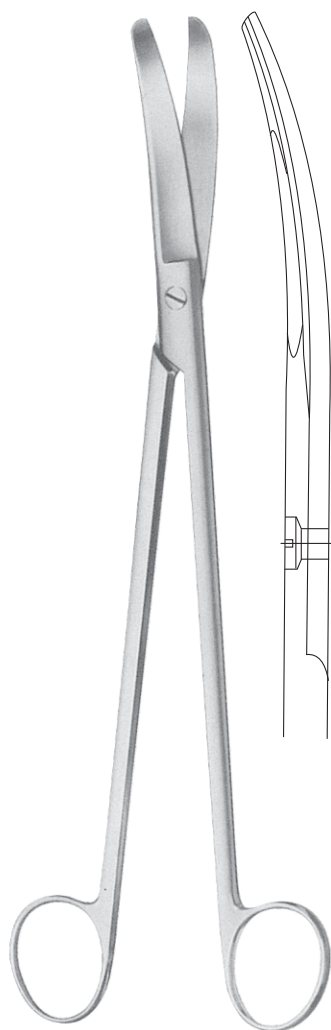
DRESSING
Straight, sharp / Sharp points
3086
125mm (5")
3087
145mm (5.3/4")
3088
150mm (6")
3089
180mm (7")
3090
200mm (8")





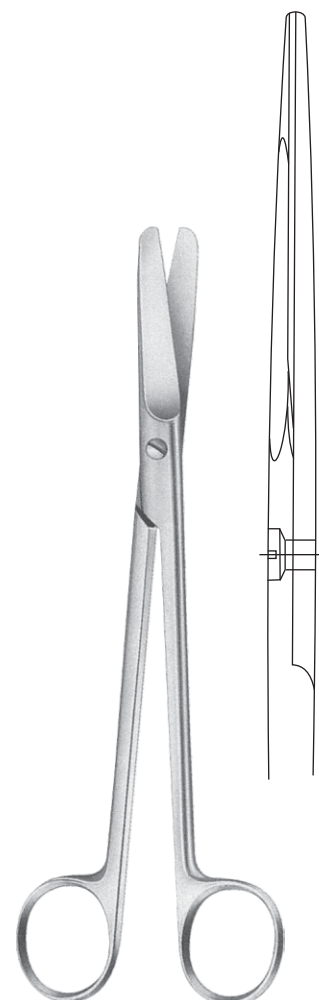
CRAFOORD

3091
305mm (12")
Straight



LLOYD DAVIS RECTAL
blunt points, flat blades

3092
255mm (10")
Curved on flat
3093
255mm (10")
Straight

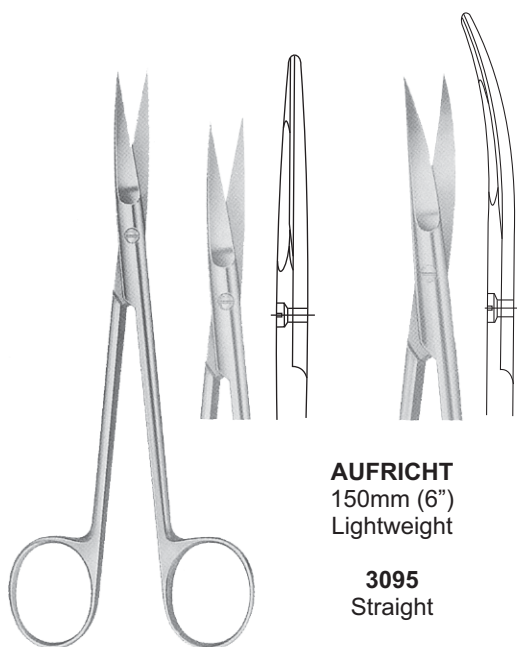


UTERINE

3094
230mm (9")
Straight. blunt points

SCISSORS

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INSTRUMENTS



AUFRICHT
150mm (6")
Lightweight

3095
Straight

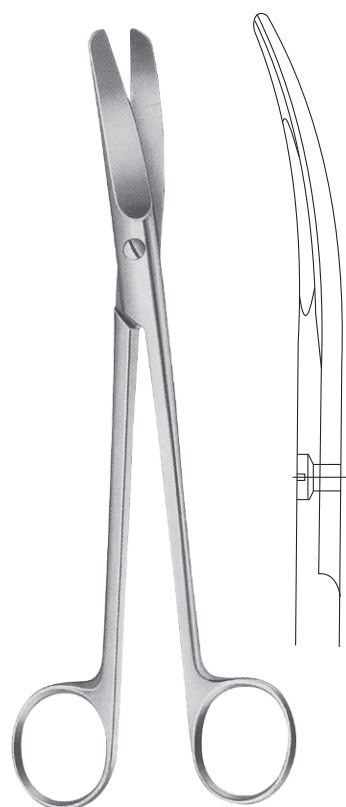
3096
Curved on flat



KILNER

3097
110mm (4.1/2")
Straight, sharp points

3098
110mm (4.1/2")
Curved on flat, blunt points



UTERINE
Curved on flat, blunt points

3099
200mm (8")

3100
230mm (9")



**BRAUN STADTLER
EPISIOTOMY**
Angled blades

3101
145mm (5.3/4")

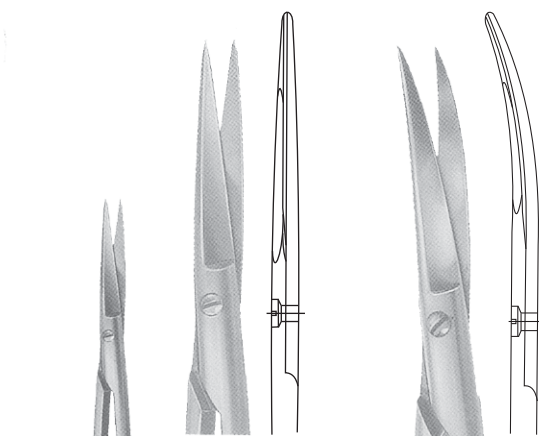
3102
200mm (8")



**AMERICAN PATTERN
UMBILICAL**
Angled blades

3103
100mm (4")

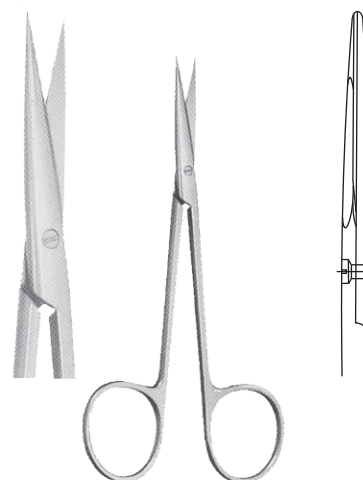




IRIS
110mm (4.1/2")
sharp points

3104
Straight

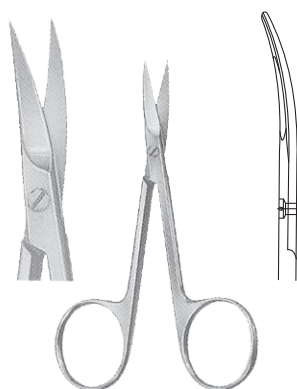
3105
Curved on flat



IRIS
110mm (4.1/2")
Round blades, sharp points

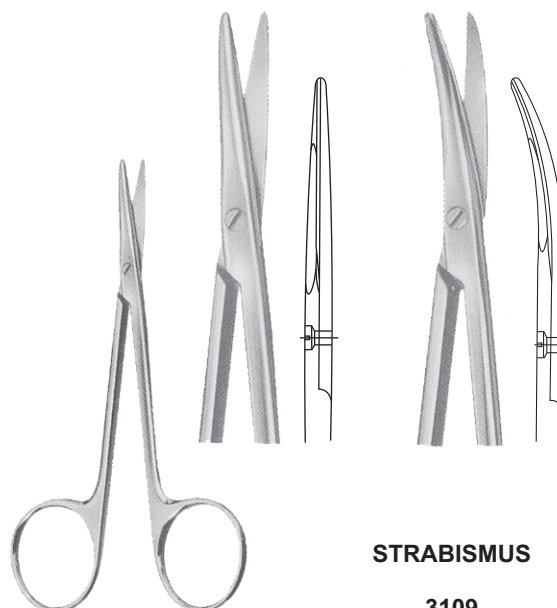
3106
Straight

3107
Curved on flat



IRIS

3108
90mm (3.1/2")
Curved on flat, lightweight
sharp points



STRABISMUS

3109
110mm (4.1/2")
Straight

3110
110mm (4.1/2")
Curved on flat

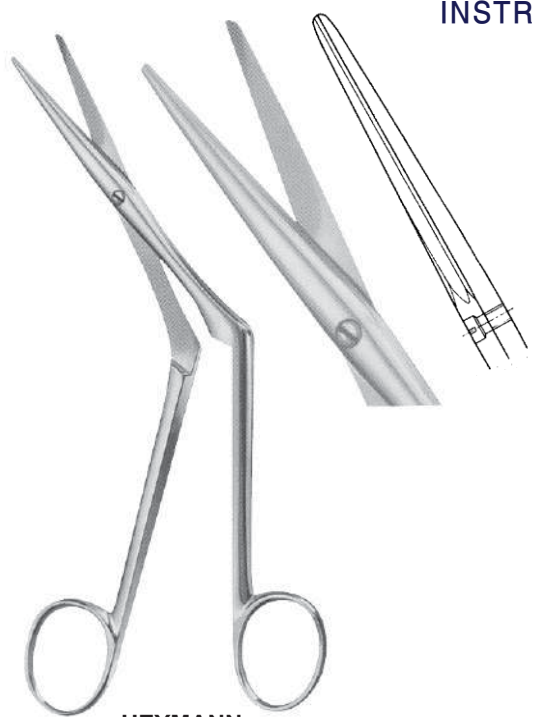
ORAL, DELICATE SCISSORS

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INSTRUMENTS



**SCHUKNECHT
WIRE CUTTING**

3111
125mm (5")

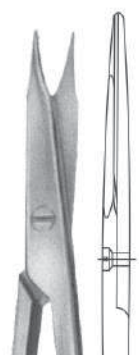


**HEYMANN
TURBINECTOMY**

3112
185mm (7.1/4")
Angled shanks
blunt points



STEVENS TENOTOMY
110 mm (4.1/4")



3113
straight,
sharp points



3114
Curved on flat
sharp points



3115
straight,
blunt points

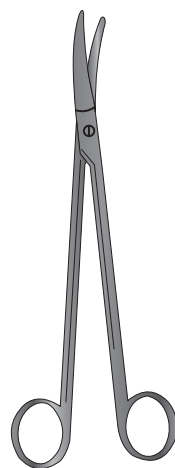


3116
Curved on flat
blunt points



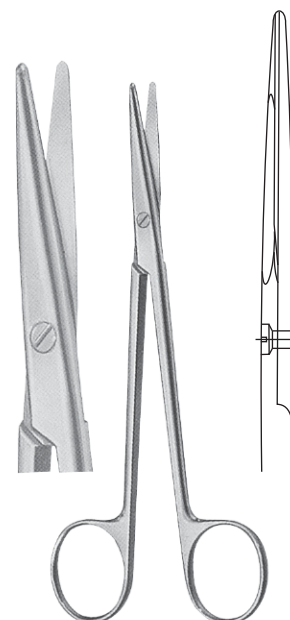
WOODS TONSIL

3117
190mm (7.1/2")
Curved on flat
sharpened
outer edge, blunt



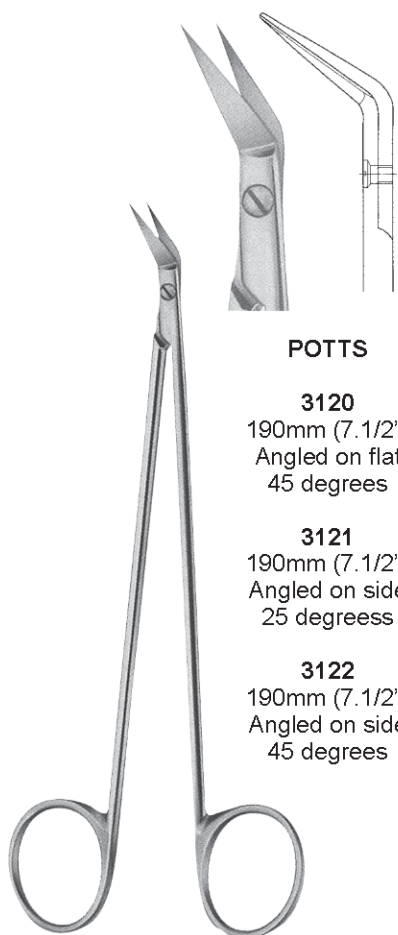
WHEELER TONSIL

3118
200mm (8")
Curved on flat



WILSON TONSIL

3119
180mm (7")
Straight

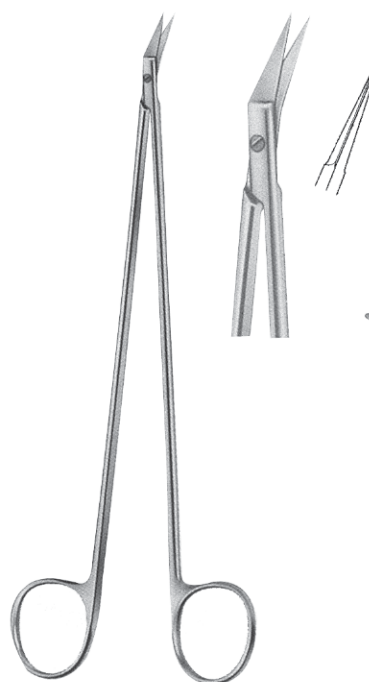


POTTS

3120
190mm (7.1/2")
Angled on flat
45 degrees

3121
190mm (7.1/2")
Angled on side
25 degrees

3122
190mm (7.1/2")
Angled on side
45 degrees



HEDGEMAN (DIETRICH)

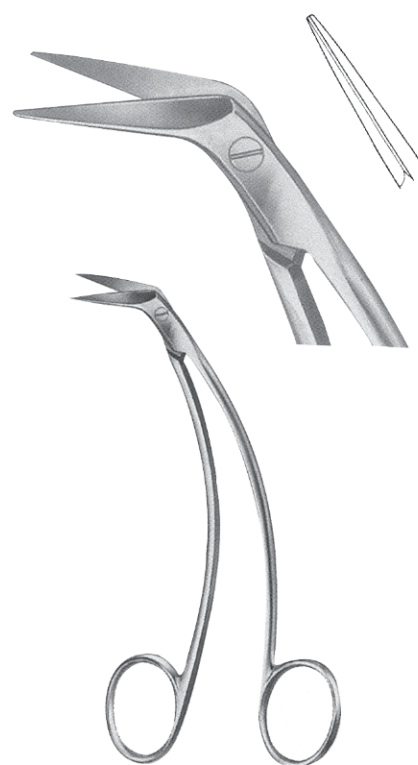
3123
175mm (7")
Angled to side, 25 degrees

3124
175mm (7")
Angled to side, 45 degrees

3125
175mm (7")
Angled to side, 60 degrees

3126
175mm (7")
Angled to side, 90 degrees

3127
175mm (7")
Angled to side, 125 degrees

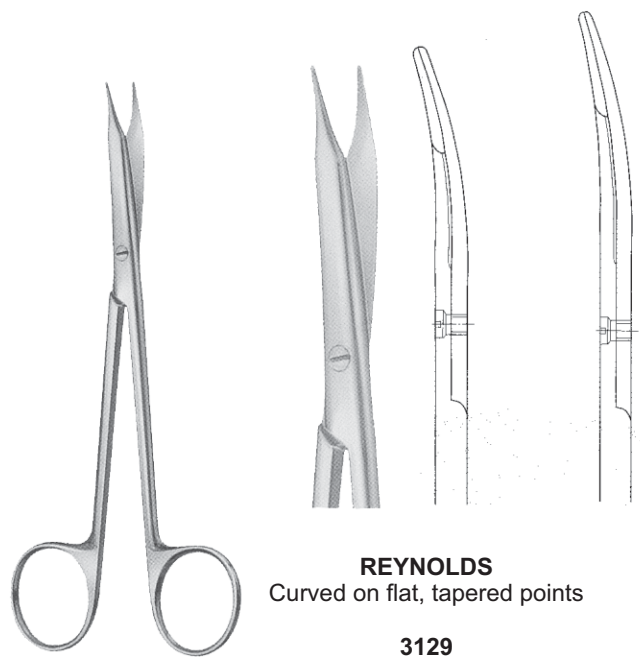


FAVALORO

3128
150mm (6")
Shanks curved,
blades angled to side

SCISSORS

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REYNOLDS
Curved on flat, tapered points

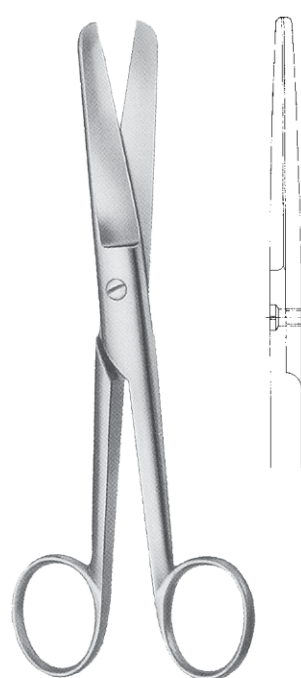
3129
145mm (5.3/4")

3130
180mm (7")



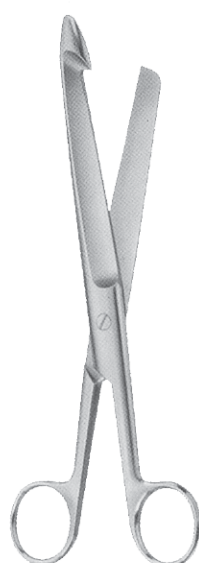
DOYEN ABDOMINAL

3131
180mm (7")
Curved, blunt points



DOYEN ABDOMINAL

3132
180mm (7")
Straight, blunt points



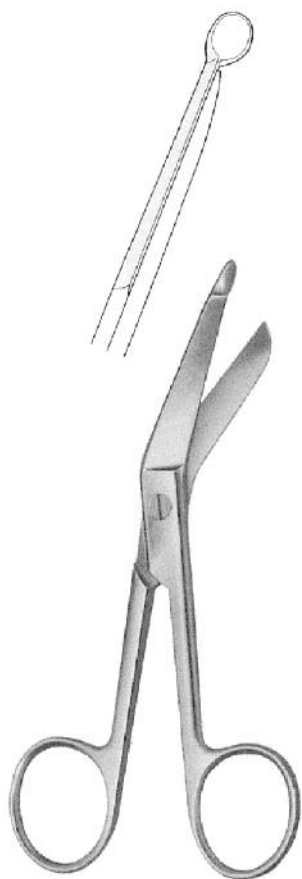
DOYEN ABDOMINAL

3133
210mm (8.1/4")
One blade with hook end



COUNTER SCISSORS

3134
210mm (8.1/4")



LISTER BANDAGE

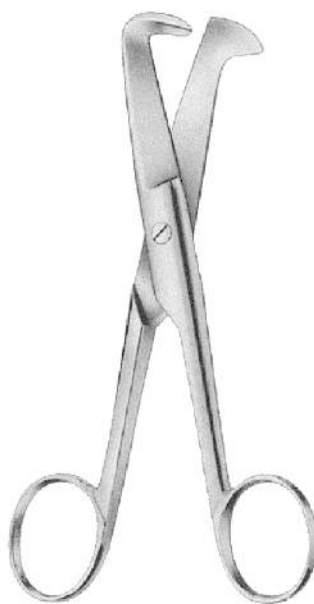
3135
115mm (4.1/2")

3136
140mm (5.1/2")

3137
180mm (7")

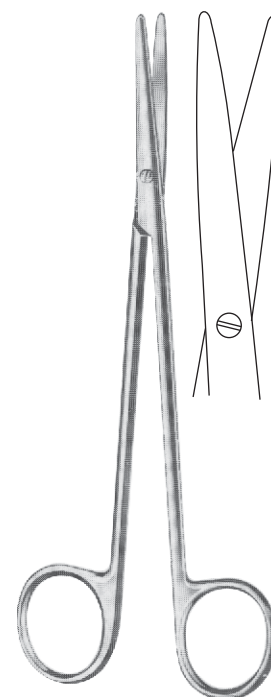
3138
200mm (8")

3139
235mm (9.1/4")



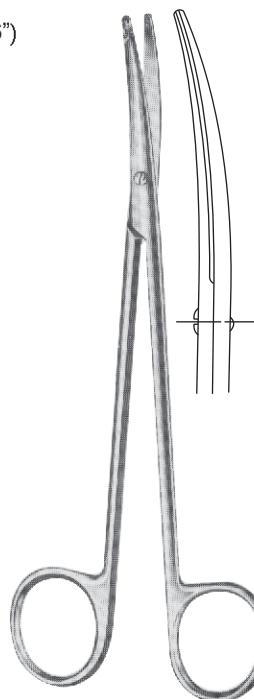
SCHUMACHER UMBILICAL

3140
155mm (6")



MCINDOE SCISSORS

3141
180mm (7")
Straight



MCINDOE SCISSORS

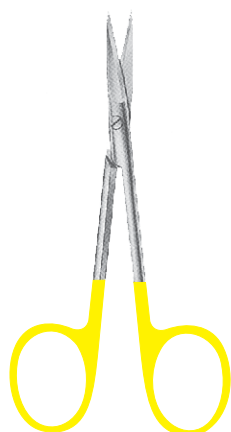
3142
180mm (7")
Curved



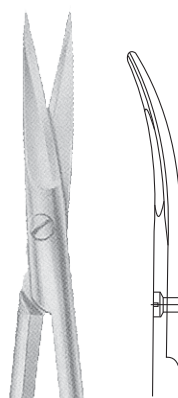
"TC" SCISSORS



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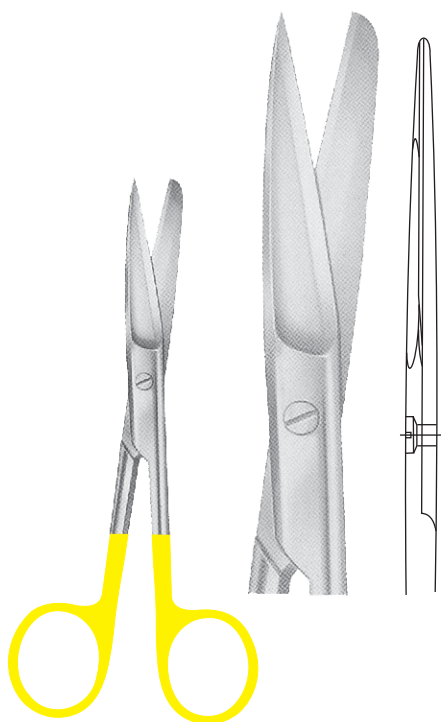
IRIS SCISSORS
110mm (4.3/8")



3143

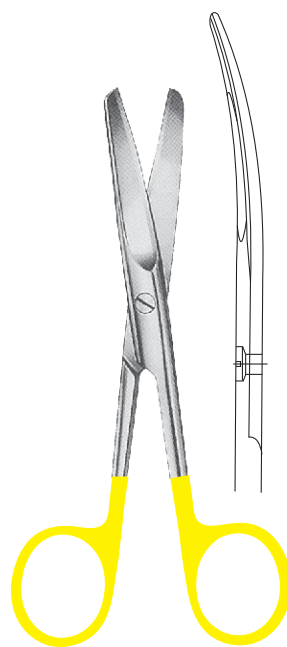
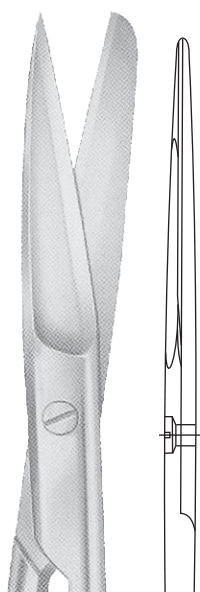


3144



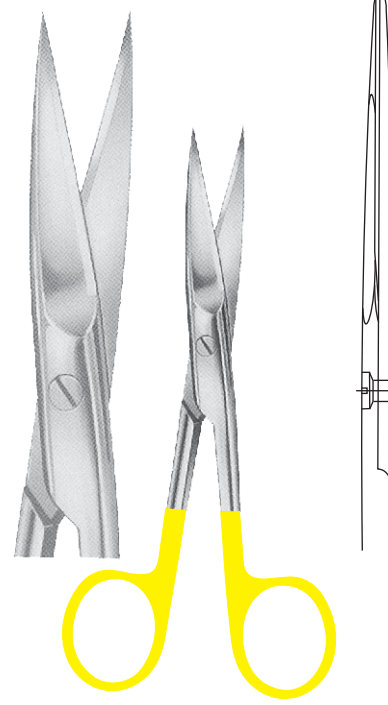
SURGICAL SCISSORS

3145
130mm (5")
150mm (6")
180mm (7")



SURGICAL SCISSORS

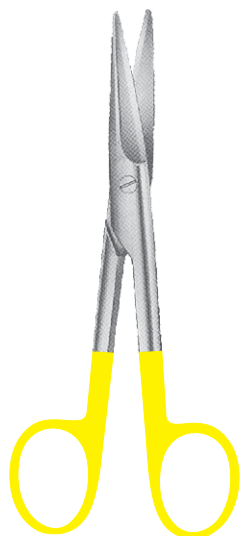
3146
130mm (5")
150mm (6")
180mm (7")



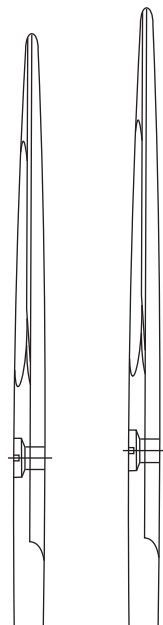
SURGICAL SCISSORS

3147
130mm (5")
150mm (6")
180mm (7")





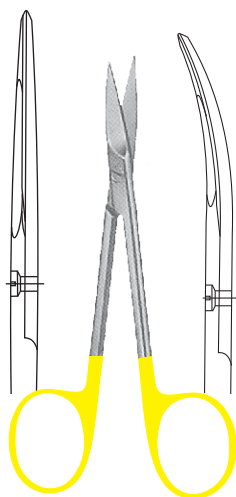
**MAYO
DISSECTING
SCISSORS**



3148
140mm (5.1/2")
150mm (6")
180mm (7")
200mm (8")
230mm (9")



3149
140mm (5.1/2")
150mm (6")
180mm (7")
200mm (8")
230mm (9")



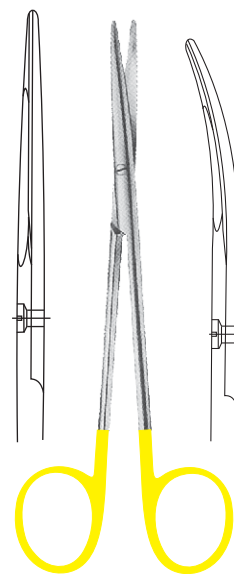
DELICATE SCISSORS
120mm (4.3/4")

- 3150** Straight
- 3151** Curved



STRABISMUS SCISSORS
115mm (4.1/2")

- 3152** Straight
- 3153** Curved



BABY METZANBAUM
145mm (5,3/4")

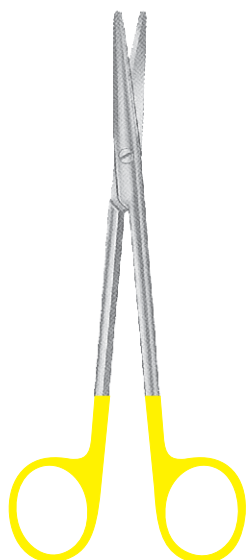
- 3154** Straight
- 3155** Curved



"TC" SCISSORS



G^{RAND}
SURGICAL
INSTRUMENTS



METZENBAUM
Round Blade Straight



3156
180mm (7")



3157
145mm (5.3/4")



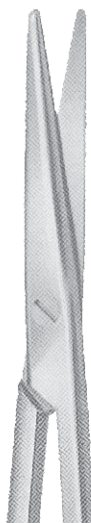
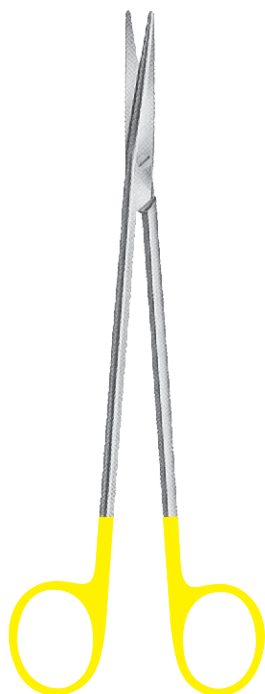
3158
180mm (7")



3159
200mm (8")



3160
145mm (5.3/4")



3161
180mm (7")



3162
200mm (8")

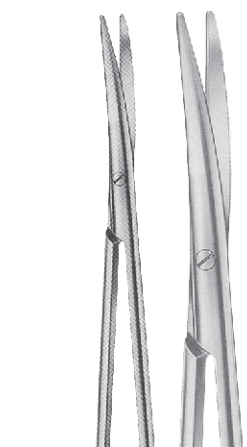
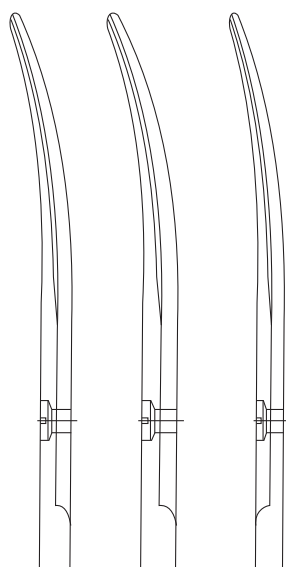


3163
230mm (9")



3164
180mm (7")



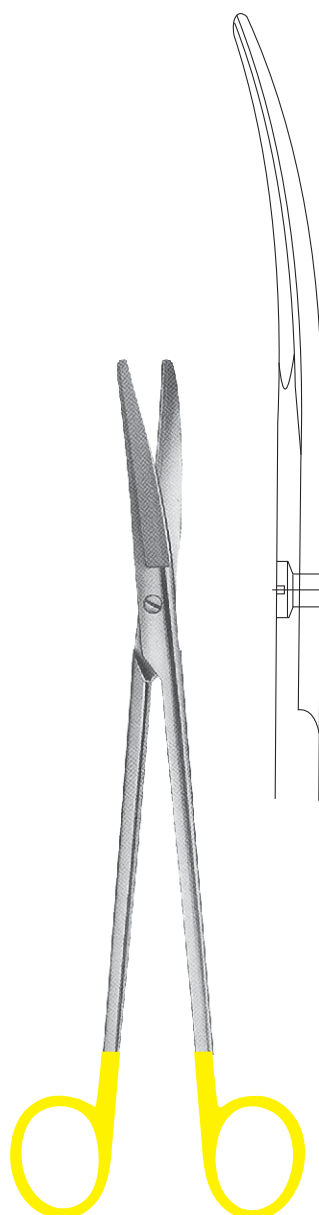


NELSON - METZENBAUM

3167
260mm (10.1/4")

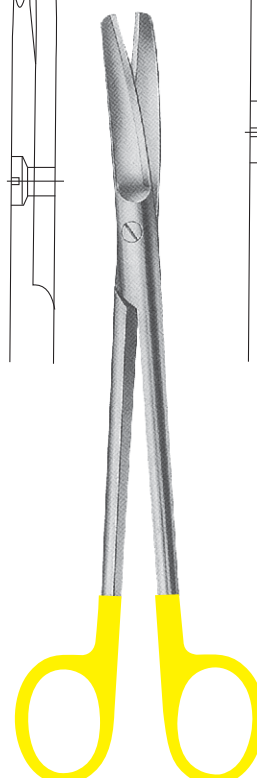
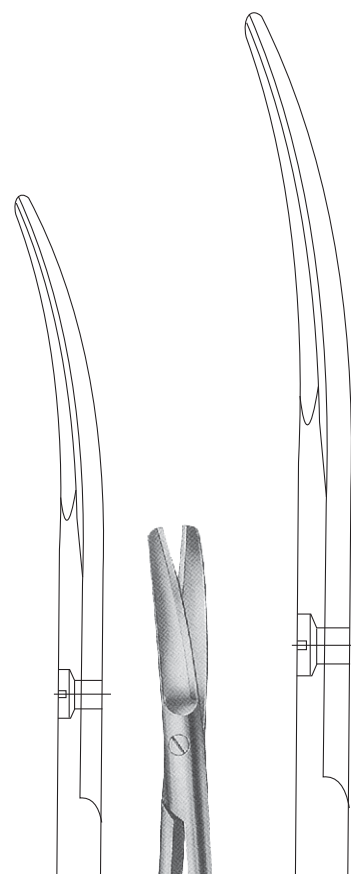
3168
280mm (11")

3169
285mm (11.1/4")



NELSON - METZENBAUM
Dissecting Scissors

3170
230mm (9")



SIMS

3171
200mm (8")

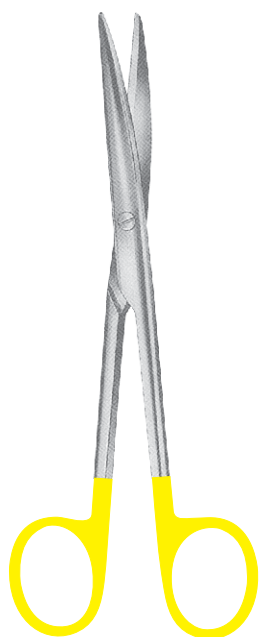
3172
230mm (9")



"TC" SCISSORS

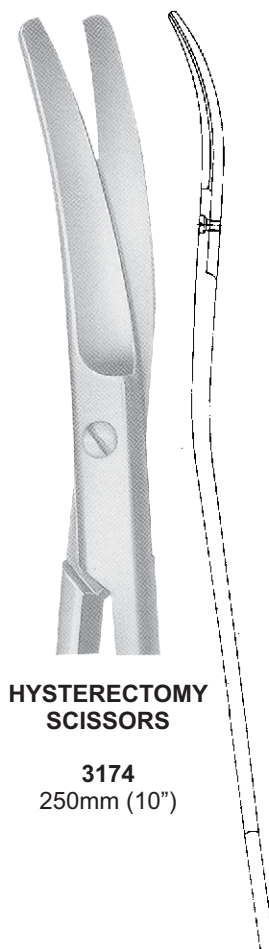
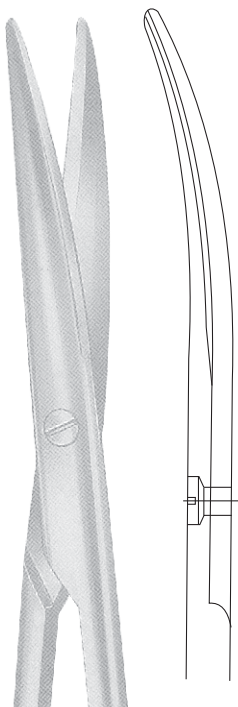


G^{RAND}
SURGICAL
INSTRUMENTS



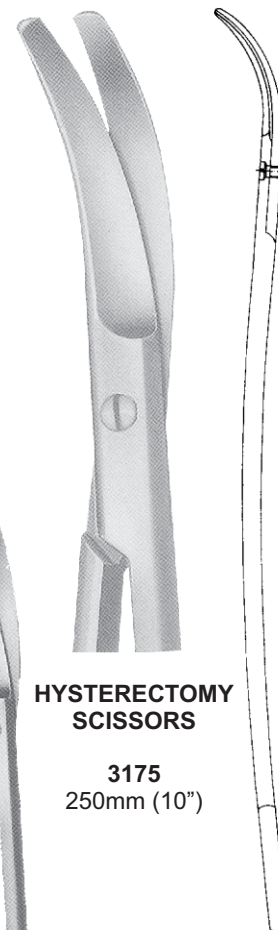
LEXER

3173
165mm (6.1/2")



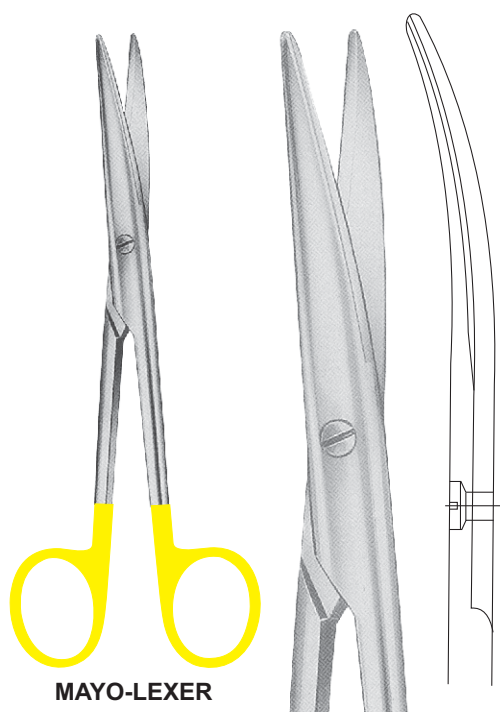
**HYSTERECTOMY
SCISSORS**

3174
250mm (10")



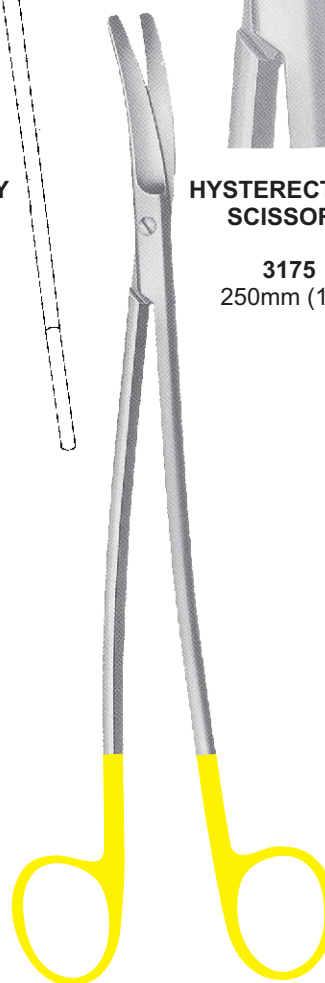
**HYSTERECTOMY
SCISSORS**

3175
250mm (10")



MAYO-LEXER

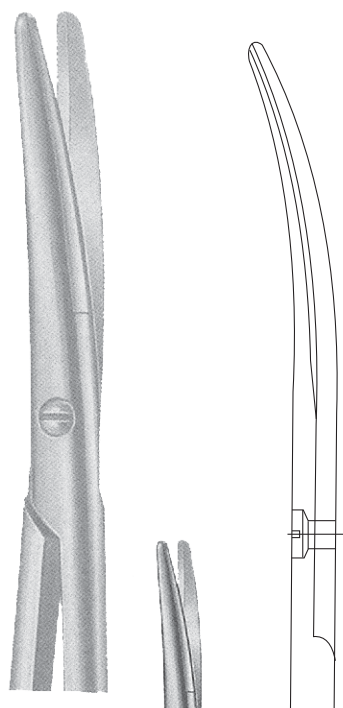
3176
165mm (6.1/2")



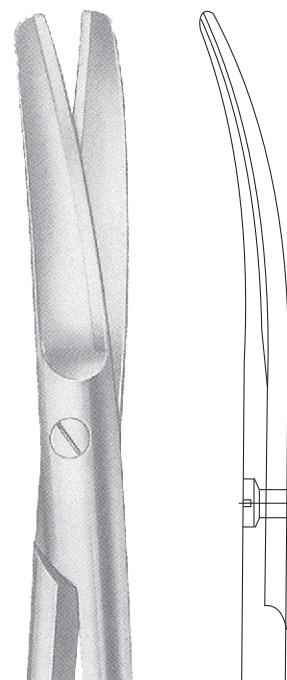
HYSTERECTOMY SCISSORS

Strongly curved to fit with parametriumclamps

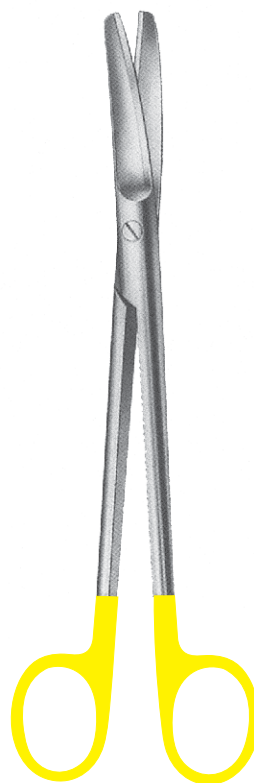




METZENBAUM
3178
230mm (9")
With broad blade ends



SIMS
3177
200MM (8")



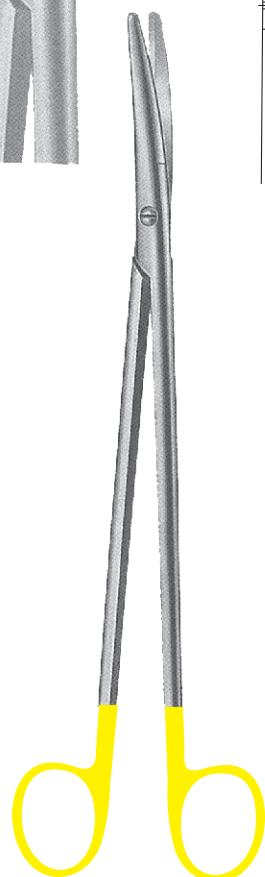
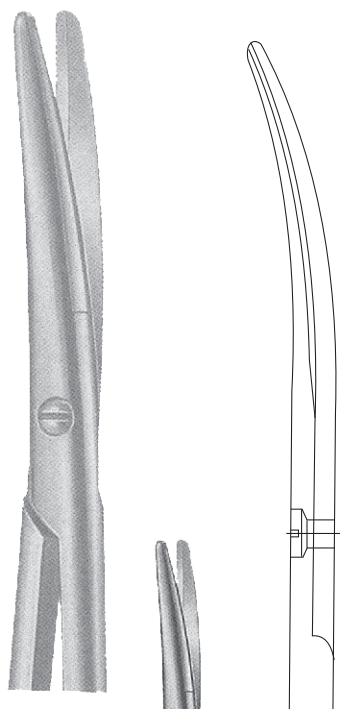
SIMS
3179
230mm (9")



"TC" SCISSORS

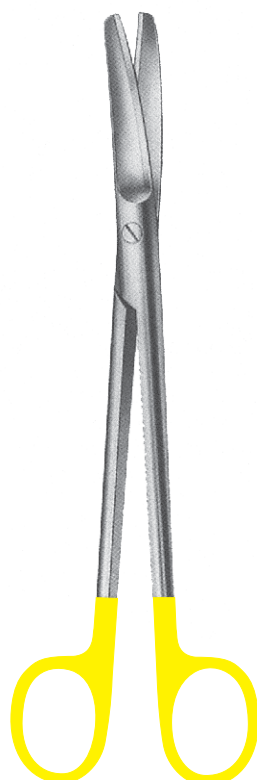


G
RAND
SURGICAL
INSTRUMENTS

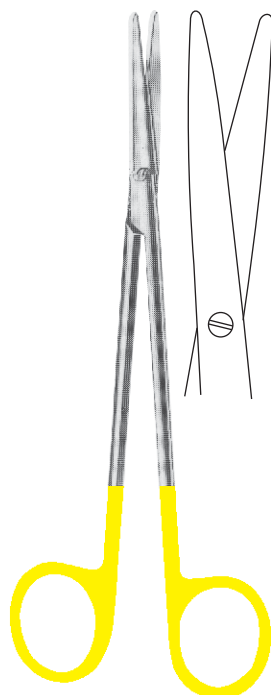


METZENBAUM

3180
230mm (9")
With broad blade ends

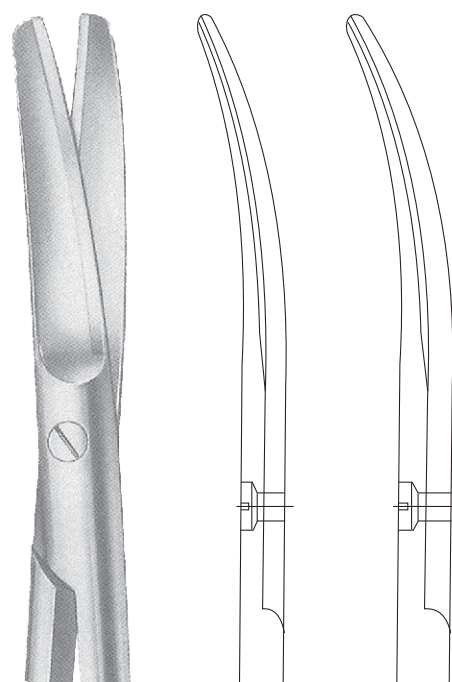


SIMS

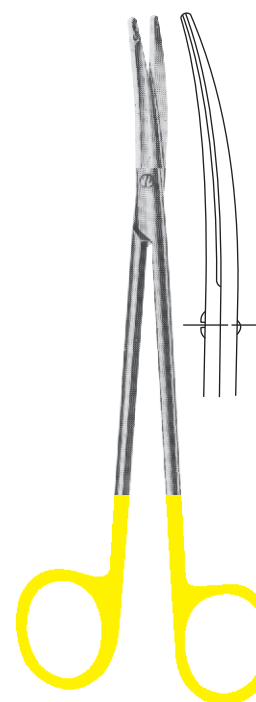


MCINDOE SCISSORS

3183
180mm (7")
Straight



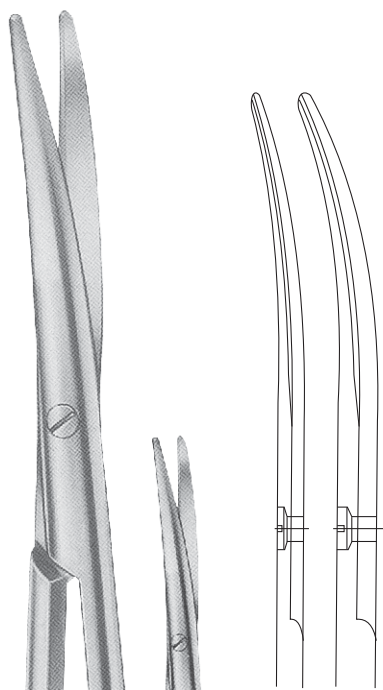
3181 **3182**
200mm (8") 230mm (9")



MCINDOE SCISSORS

3184
180mm (7")
Curved

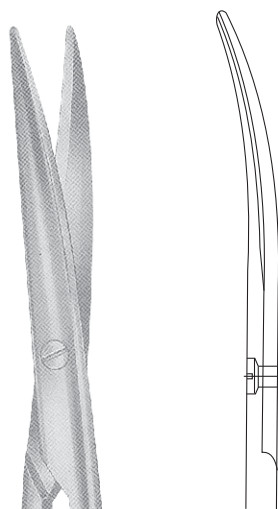




NELSON-METZENBAUM

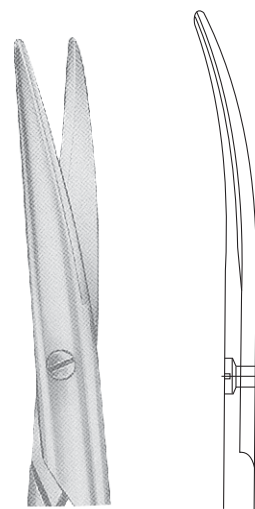
3185
260mm (10.1/4")

3186
280mm (11")



LEXER
Straight

3187
165mm (6.1/2")



MAYO - LEXER
Curved

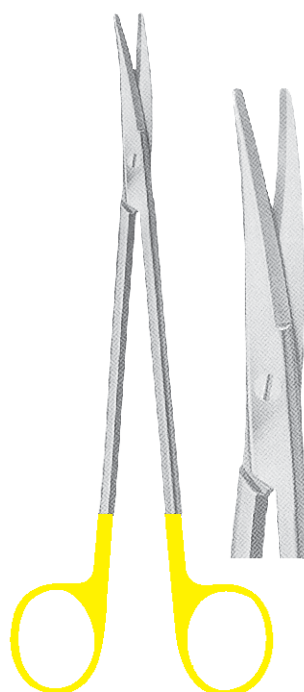
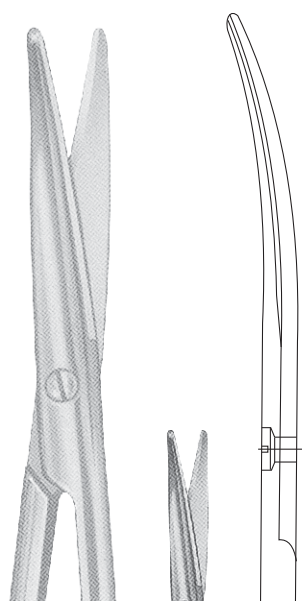
3188
165mm (6.1/2")



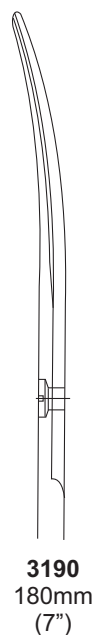
"TC" SCISSORS



G^{RAND}
SURGICAL
INSTRUMENTS



METZENBAUM



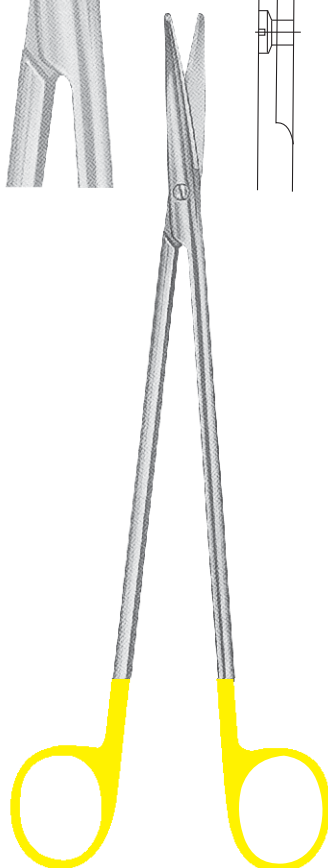
3190
180mm
(7")



3191
200mm
(8")

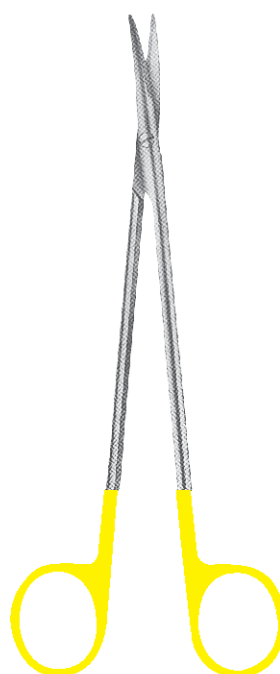


3192
230mm
(9")



NELSON-METZENBAUM

3189
230mm (9")

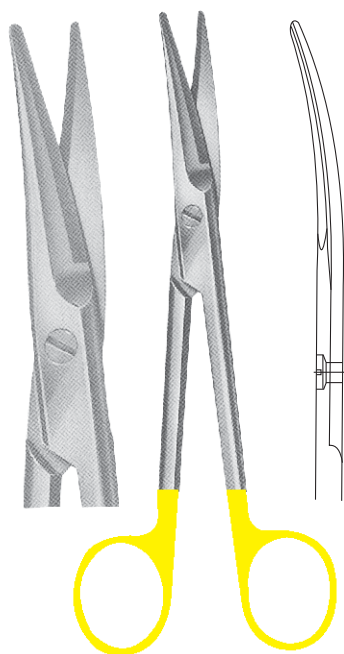


TOENNIS ADSON



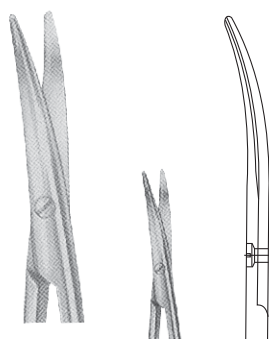
3193
175mm (7")





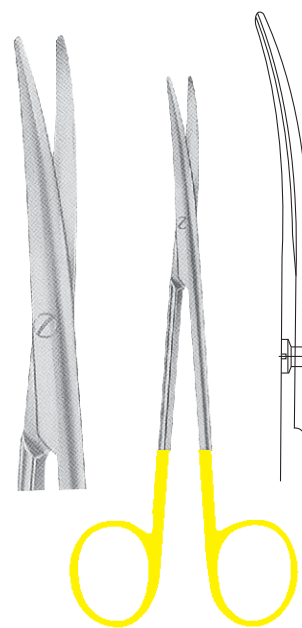
MAYO

3194
170mm (6.3/4")
Dissecting Scissors



METZENBAUM DELICATE

3195
115mm (4.1/2")

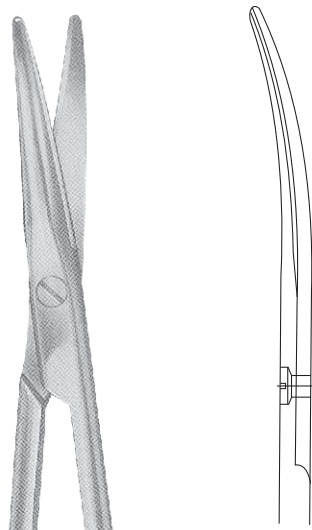


BABY METZENBAUM

3196
145mm (5.3/4")
3197
180mm (7")
3198
200mm (8")



METZENBAUM



3199
145mm (5.3/4")



3200
180mm (7")



3201
200mm (8")

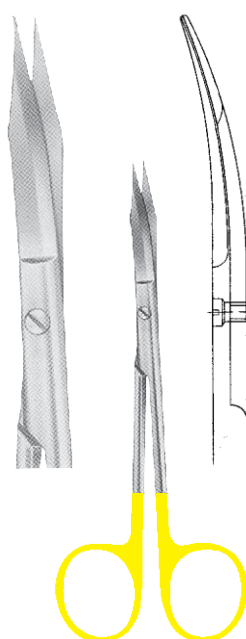
"TC" SCISSORS

G^{RAND}
SURGICAL
INSTRUMENTS

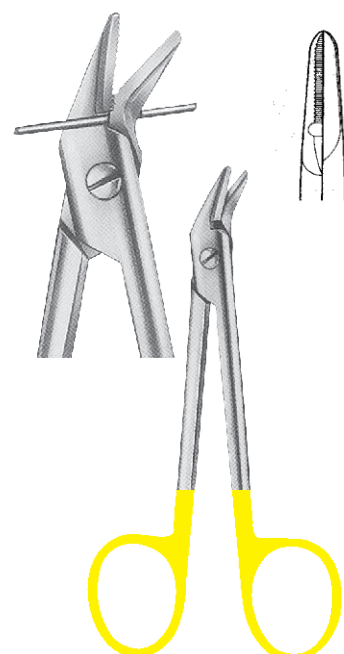


**DEBAKEY
VASCULAR SCISSORS**

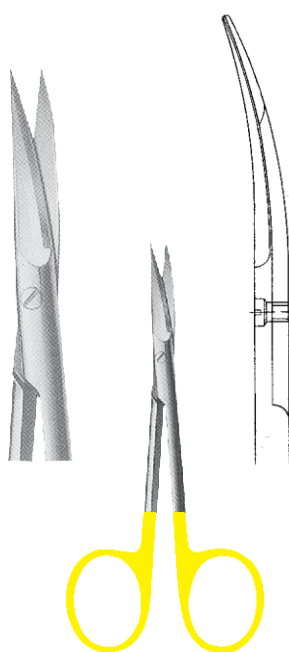
3202
220mm (8.3/4")



3203
Sharp Point
130mm (5.1/8")
1 blad serrated

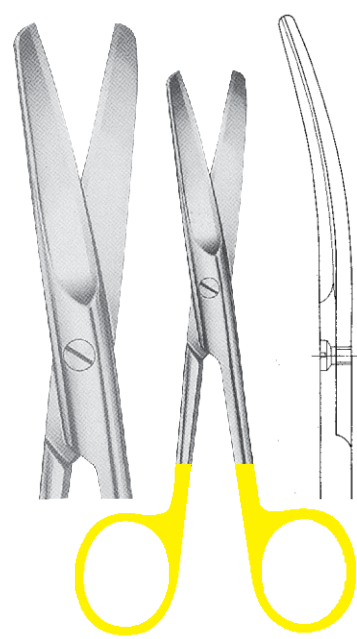


3204
120mm (4.3/4")
Wire cutting scissors
1 blade serrated



IRIS DELICATE

3205
110mm (4.3/8")



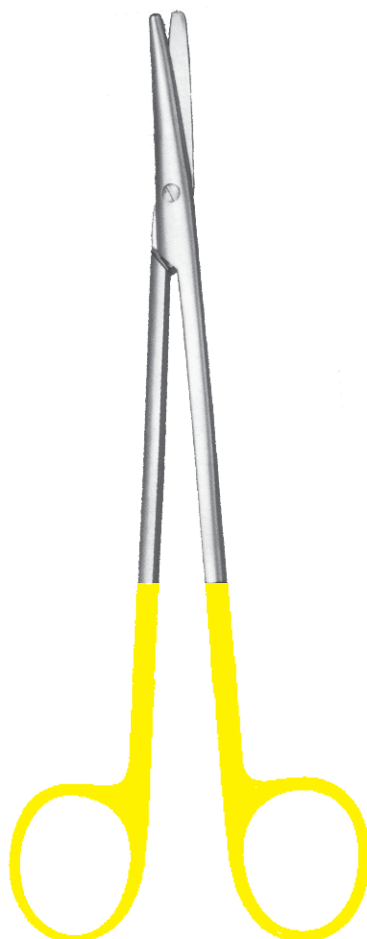
DRESSING SCISSORS

3206
145mm (5.3/4")



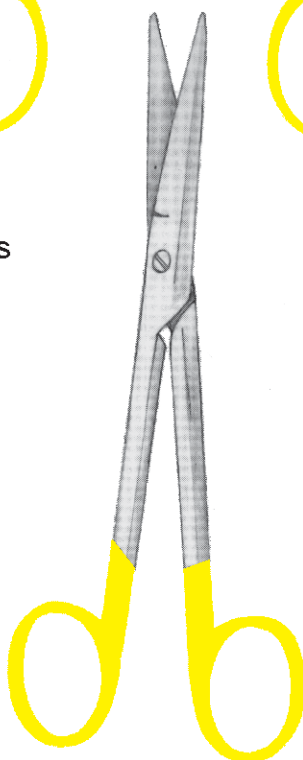


3207
REYNOLDS SCISSORS
150mm (6")
180mm (7")

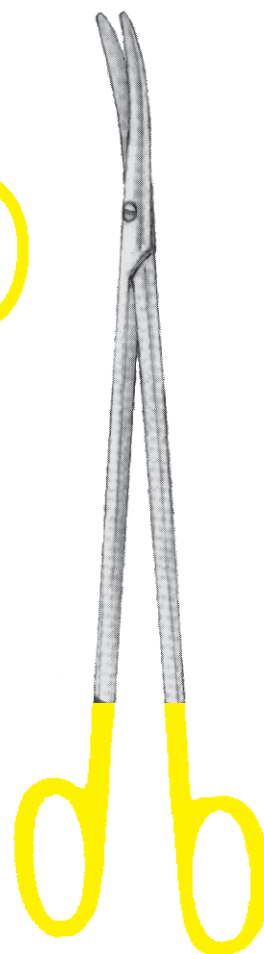


3208
METZENBAUM
Straight
145mm (5.3/4")
180mm (7")
200mm (8")

Curved
145mm (5.3/4")
180mm (7")



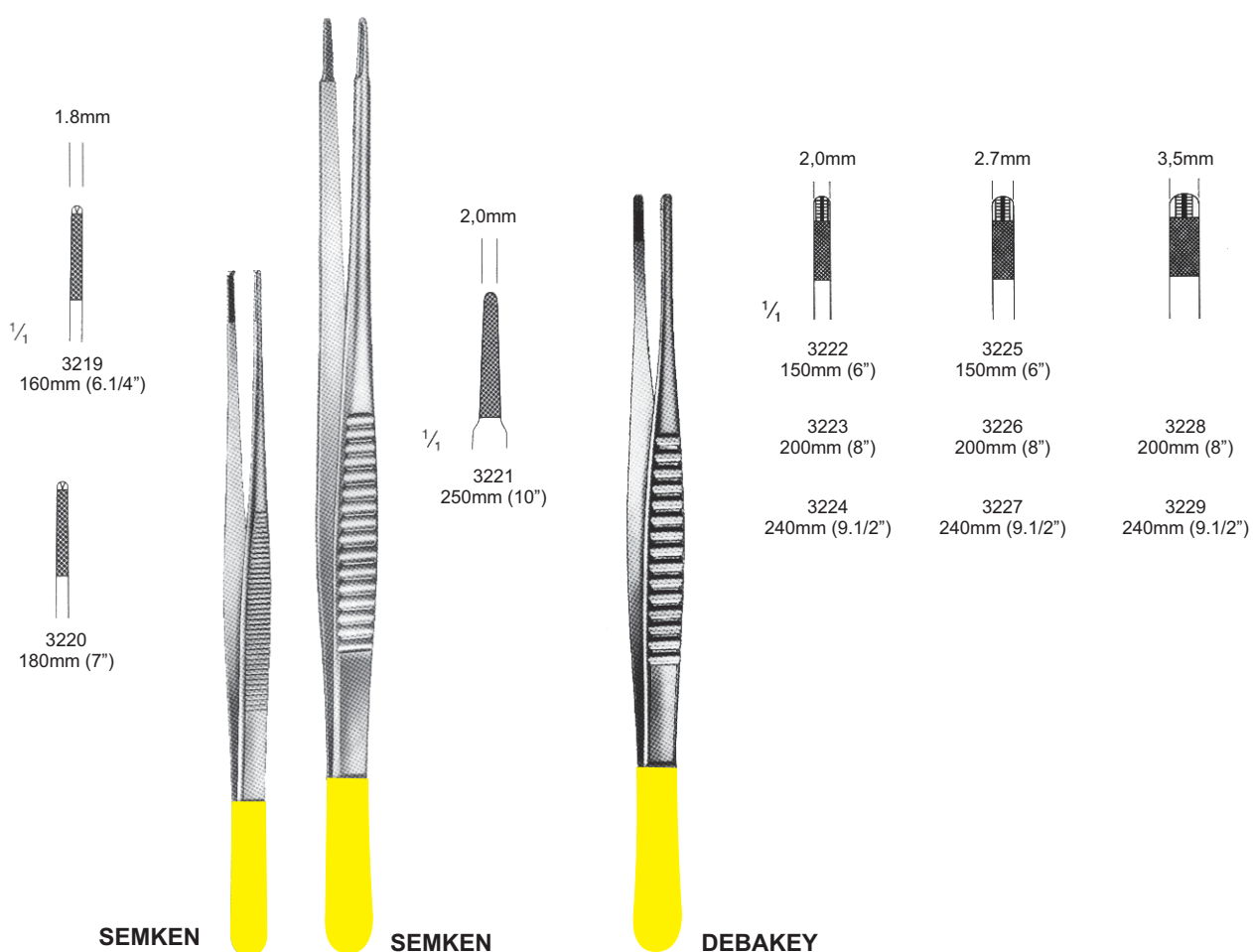
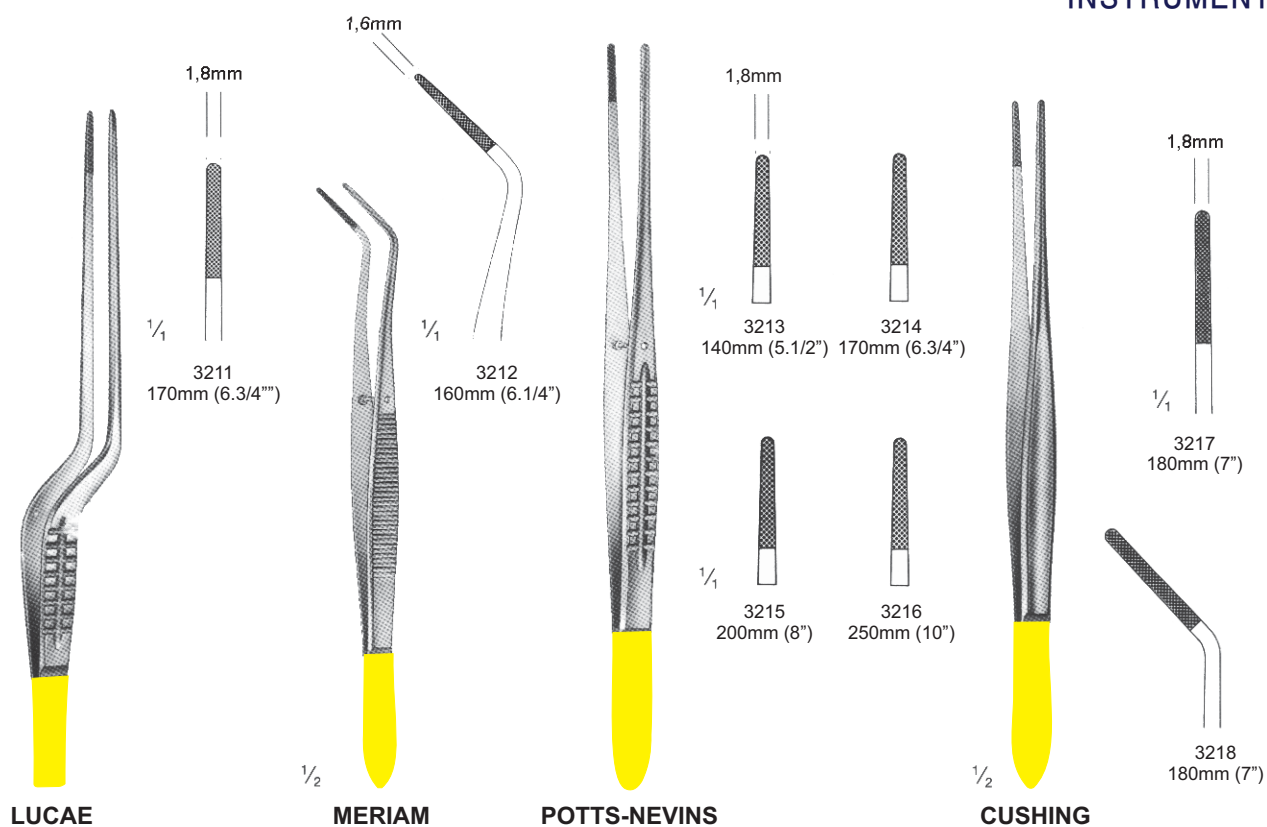
3209
MAYO
140mm (5.1/2")

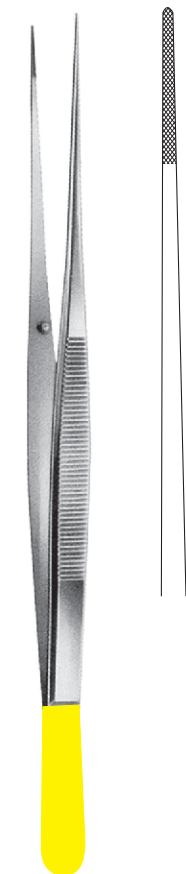


3210
McIndoe
190mm (7.1/4")

"TC" DISSECTING FORCEPS

GRAND
SURGICAL
INSTRUMENTS

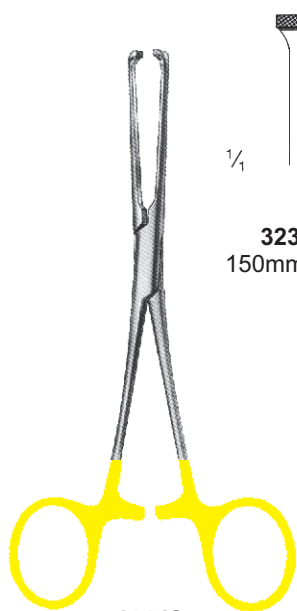




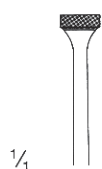
3230
230mm (9")



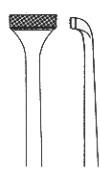
3231
185mm (7.1/4")



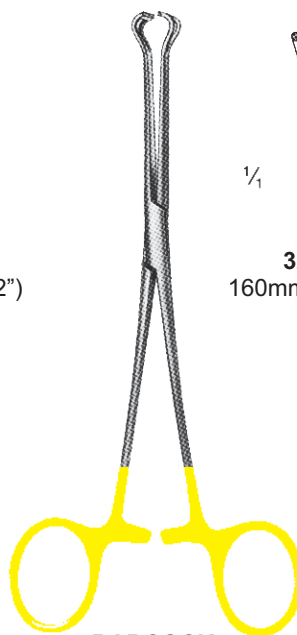
ALLIS



3232
150mm (6")



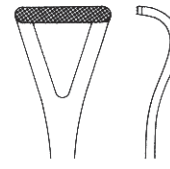
3233
190mm (7.1/2")



BABCOCK



3234
160mm (6.1/4")



3235
200mm (8")



"TC" DISSECTING FORCEPS



G^{RAND}
SURGICAL
INSTRUMENTS



3236
145mm
(5.3/4")



3237
180mm
(7")



3238
200mm
(8")



3239
250mm
(10")



WANGENSTEEN

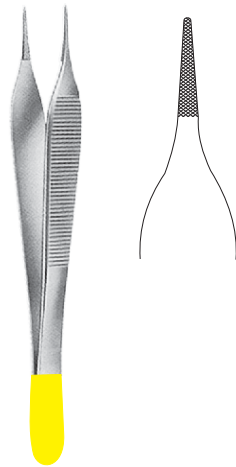


3240
150mm
(6")



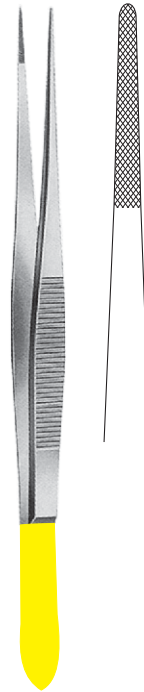
3241
230mm
(9")





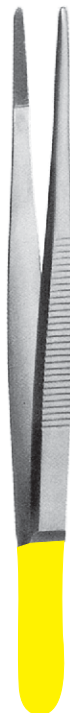
ADSON

3242
120mm (4.3/4")



CUSHING

3243
180mm (7")
With scraper end



3244
145mm
(5.3/4")



3245
200mm
(8")



3246
250mm
(10")



DUVAL
3247
140mm (5.1/2")



DUVAL
3248
180mm (7")



DUVAL
3249
190mm (7.1/2")
3250
200mm (8")



RUTHERFORD MORISON

3251
150mm (6")
6 x 7 teeth



STILES (ALLIS-THOMS)

3252
200mm (8")
6 x 7 teeth



LANE

1 x 2 teeth fenestrated

3253
125mm (5")

3254
150mm (6")

DISSECTING & LIGATURE FORCEPS

G
RAND
SURGICAL
INSTRUMENTS



3255
215mm (8.1/2")



3256
210mm (8.1/4")



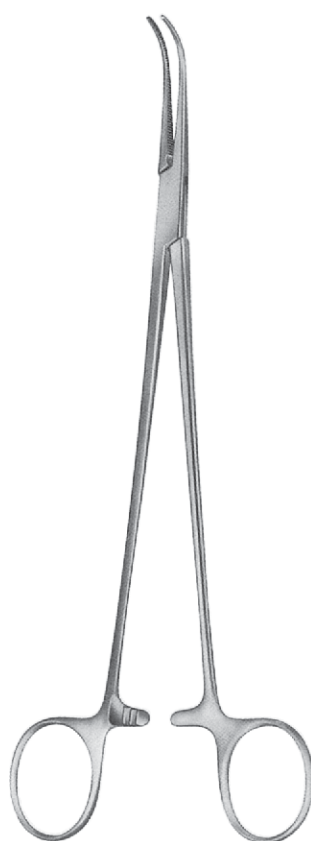
3257
220mm (8.3/4")



3258
225mm (9")



3259
225mm (9")



**FINE CURVED DISSECTING
FORCEPS**



3260
295mm (11.3/4")



3261
295mm (11.3/4")



3262
300mm (12")





LIGATURE FORCEPS
3263
95mm (3.3/4")
Straight, smooth jaw



MICRO ADSON
3264
140mm (5.1/2")



3265
185mm (7.1/4")



3266
210mm (8.1/4")



BABY - ADSON



3267
140mm
(5.1/2")



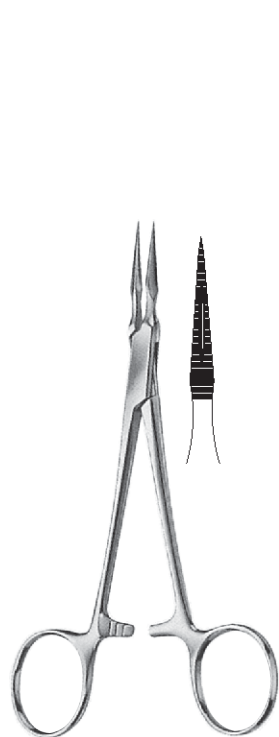
3268
180mm
(7")



S.SHAPED DELICATE

SPLINTER FORCEPS

G
RAND
SURGICAL
INSTRUMENTS



3269
ARTHURE
140mm (5.1/2")



3270
FEILCHENFEL
70mm (3")
90mm (3.1/2")
115mm (4.1/2")



3271
HUNTER
105mm (4.1/8")



3272
DENIS BROWNE
190mm (7.1/2")

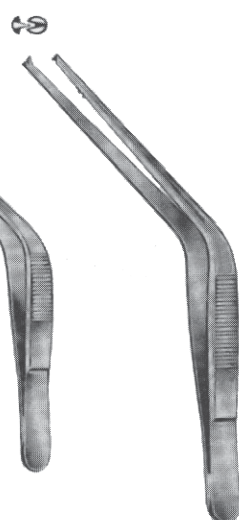


MICRO SOFT TOUCH RING TIP

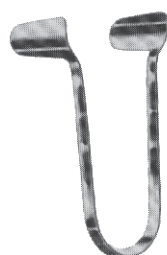
3273
150mm (6")
3274
185mm (7.1/4")
3275
210mm (8.1/4")
3276
230mm (9")
3277
250mm (10")



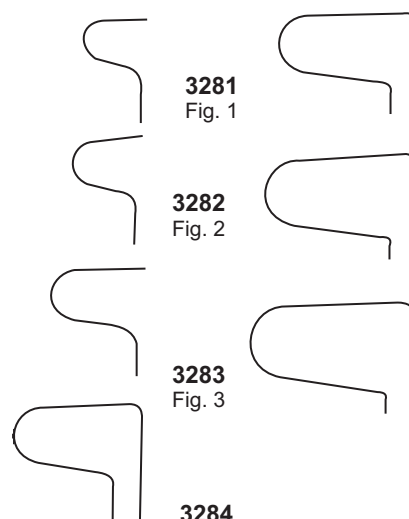
TROELTSCH (Wilde)
3278
110mm (4.1/2")



TROELTSCH (Wilde)
3279
120mm (4.3/4")
1 x 2 teeth



TUDICHUM
3280
65mm (2.1/2")



3281
Fig. 1

3282
Fig. 2

3283
Fig. 3

3284
Fig. 4



3285



3288

SILCOCK
1 x 2 teeth

3286
100mm (4")
3287
110mm (4.3/8")



3289



3292



3293



3294

FINE
1 x 2 teeth
3290
100mm (4")
3291
100mm (4")



RAMSEY
180mm (7")



BONNEY
1 x 2 teeth

3295
180mm (7")



BICKFORD
1 x 2 teeth

3296
225mm (9")



CANADIAN
2 x 3 teeth

3297
140mm (5.1/2")

3298
150mm (6")

TOOTHED DISSECTING FORCEPS

G RAND
SURGICAL
INSTRUMENTS



WAUGH
1 x 2 teeth
3299
200mm (8")
3300
180mm (7")
3301
150mm (6")



ADSON
1 X 2 teeth
3302
125mm (5") Fine
3303
125mm (5") Standard
3304
190mm (7.1/2")



ADSON
Bayonet
1 x 2 teeth
3305
190mm (7.1/2")



JEFFERSON
1 x 2 teeth
3306
180mm (7")

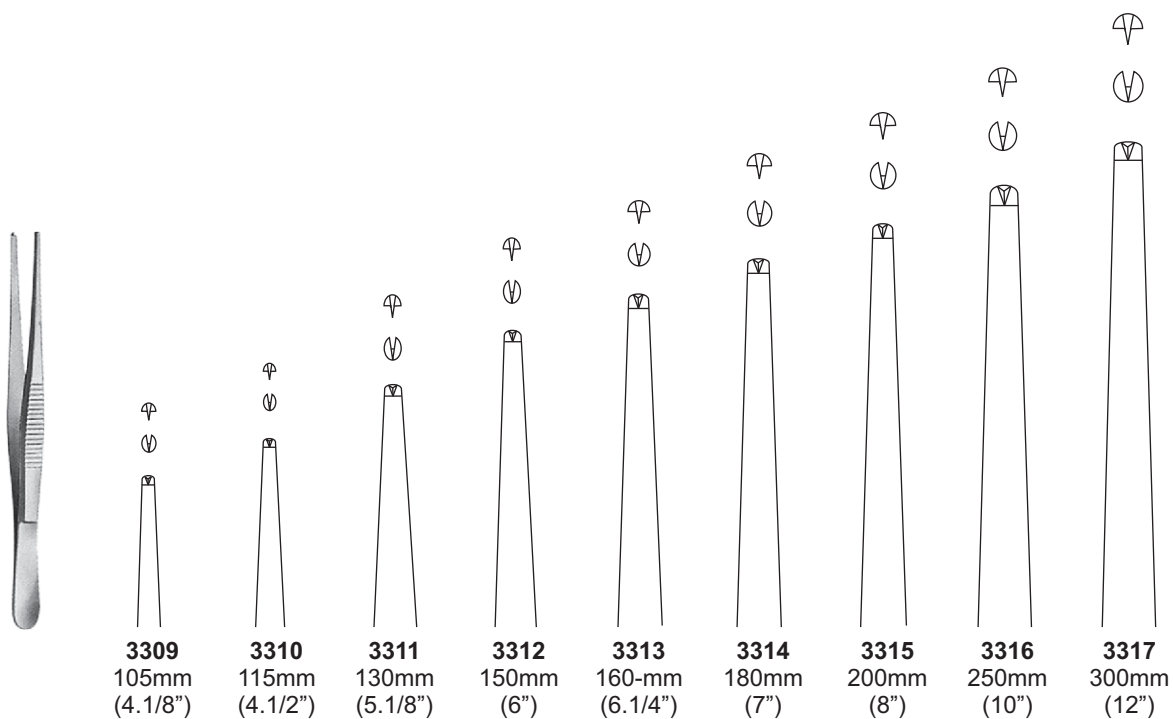


ADSON-BROWN
7 x 7 teeth
3307
125mm (5")



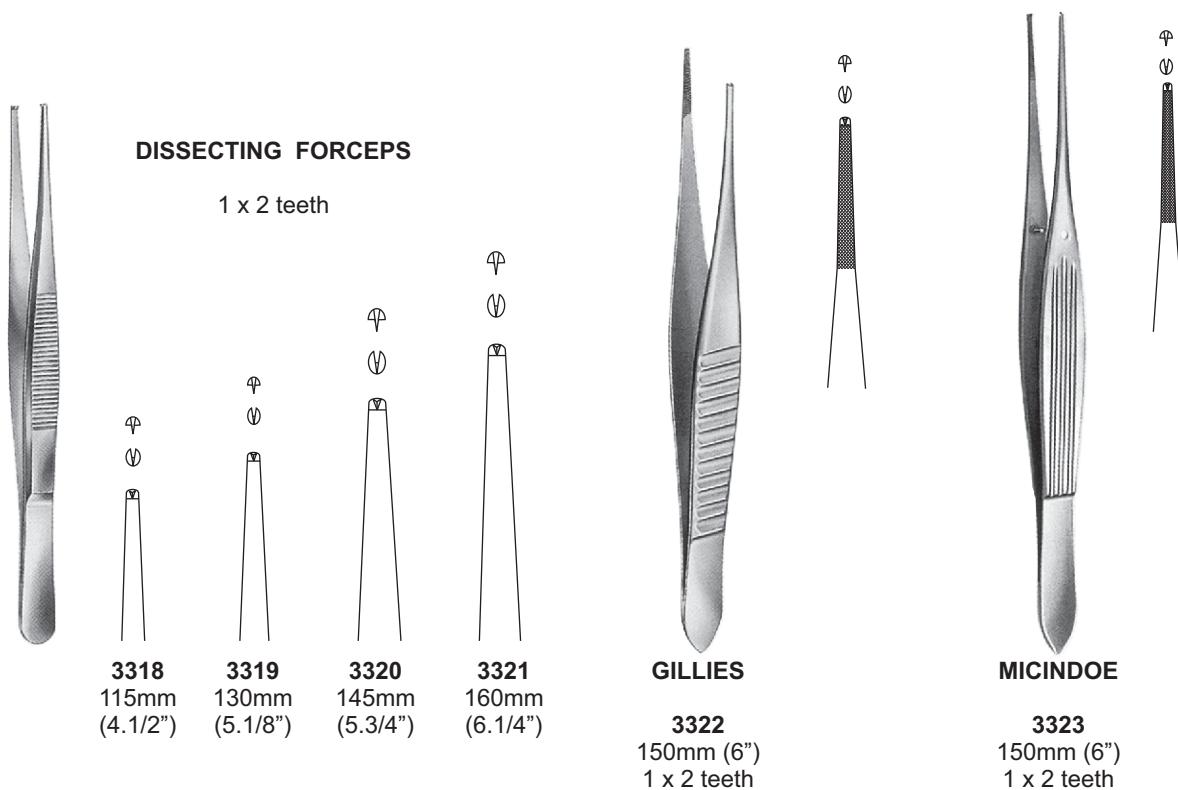
PENNYBACKER
3 x 4 teeth
3308
160mm (6.1/2")





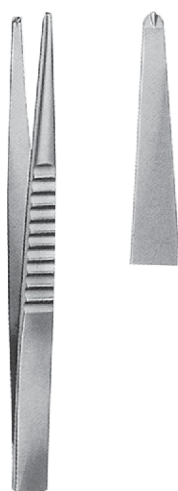
DISSECTING FORCEPS

1 x 2 teeth



TOOTHED DISSECTING FORCEPS

G^{RAND}
SURGICAL
INSTRUMENTS



TREVES
1 x 2 teeth

3324
125mm (5")

3325
150mm (6")

3326
180mm (7")

3327
200mm (8")

3328
250mm (10")



LANE
1 x 2 teeth

3329
125 mm (5")

3330
145mm (5.3/4)

3331
180mm (7")

LANE
2 x 3 teeth

3332
145mm (5.3/4")

3333
180mm (7")



DISSECTING FORCEPS

3334
150mm (6")
2 x 3 teeth

3335
150mm (6")
3 x 4 teeth



ADSON

- 3336**
125mm (5") Fine
- 3337**
125mm (5") Standard
- 3338**
190mm (7.1/2")



CAIRNS (DOTT)

- 3339**
215mm (8.1/2")
Medium jaw
2mm wide
- 3340**
180mm (7")
Fine jaw
1mm wide



JEFFERSON

- 3341**
180mm (7")



SILCOCK

- 3342**
100mm (4")



EXTRA FINE

- 100mm (4")



3343



3344

DELICATE DISECTING FORCEPS

G^{RAND}
SURGICAL
INSTRUMENTS



3345
90mm
(3.1/2")

3346
105mm
(4.1/8")

3347
115mm
(4.1/2")

3348
130mm
(5.1/8")

3349
145mm
(5.3/4")

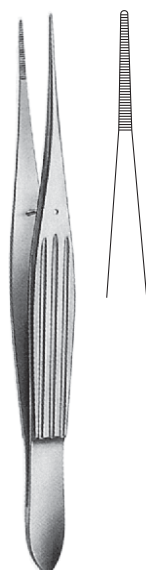
3350
90mm
(3.1/2")

3351
105mm
(4.1/8")

3352
115mm
(4.1/2")

3353
130mm
(5.1/8")

3354
145mm
(5.3/4")



MACINDOE
3355
150mm (6")



WAUGH
3356
200mm (8")

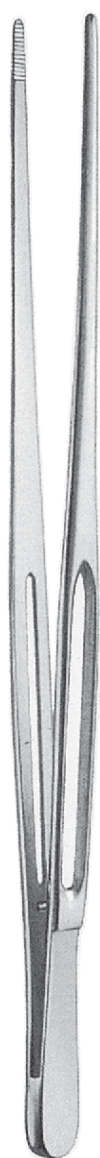


WAUGH

3357
150mm (6")

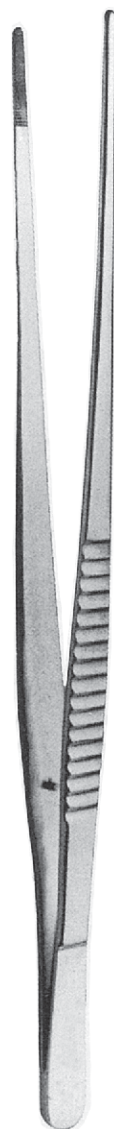
3358
180mm (7")





MAINGOT INTESTINAL
Fenestrated Grip

3359
280mm (11")



ST MARKS

3360
290mm (11.1/2")



EMMET

3361
200mm (8")

SERRATED DISSECTING FORCEPS

G^{RAND}
SURGICAL
INSTRUMENTS



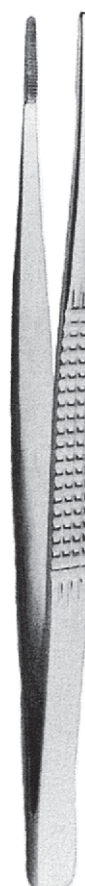
RAMSEY

3362
180mm (7")



BONNEY

3363
180mm (7")



BICKFORD

3364
225mm (9")



**DISSECTING
FORCEPS**



3365
115mm
(4.1/2")



3366
130mm
(5.1/8")



3367
145mm
(5.3/4")



3368
160mm
(6.1/4")



3369
305mm
(12")



**DISSECTING
FORCEPS**



3370
150mm
(6")



3371
180mm
(7")



3372
200mm
(8")



SERRATED DISSECTING FORCEPS



G^{RAND}
SURGICAL
INSTRUMENTS



CANADIAN
Straight

3373
130mm (5.1/8")

3374
150mm (6")



DISSECTING FORCEPS
Turn over end

3375
125mm (5")

3376
150mm (6")

3377
180mm (7")

3378
200mm (8")

3379
250mm (10")



DISSECTING FORCEPS
Block end

3380
125mm (5")

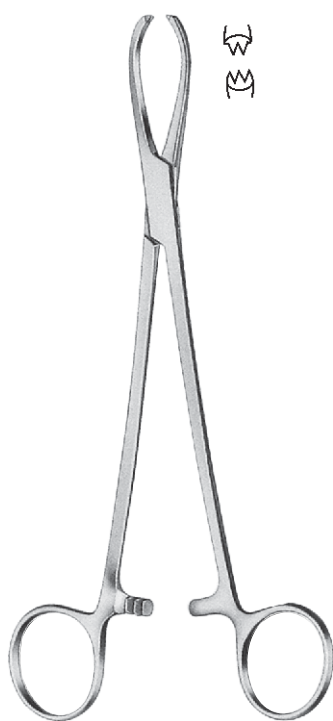
3381
150mm (6")

3382
180mm (7")

3383
200mm (8")

3384
250mm (10")





LITTLEWOOD

3385
185mm (7.1/4")
2 x 3 teeth



TUBING CLAMP

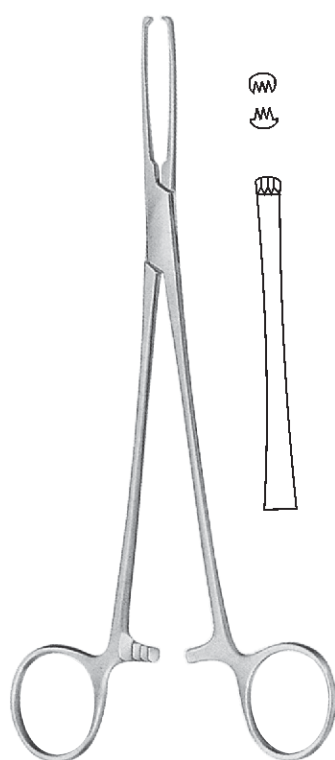
3386
175mm (7")

3387
200mm (8")



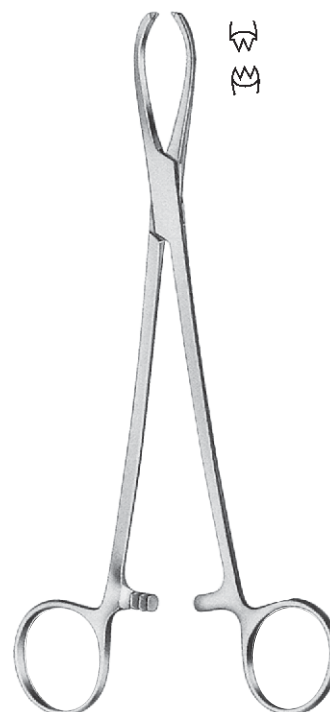
CHAPUT (POIRIER)

3389
125mm (5")
2 x 3 teeth



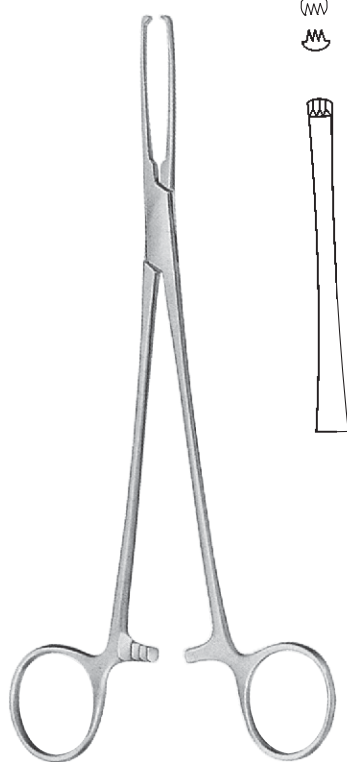
JUD-ALLIS

3388
195mm (7.3/4")
Light pattern, 3 x 4 teeth



LITTLEWOOD

3390
185mm (7.1/4")
2 x 3 teeth



JUD-ALLIS

3391
195mm (7.3/4")
Light pattern, 3 x 4 teeth



CHAPUT (POIRIER)

3392
125mm (5")
2 x 3 teeth

ALLIS
150mm (6")

3393
2 x 3 teeth

3394
3 x 4 teeth

3395
4 x 5 teeth

3396
5 x 6 teeth

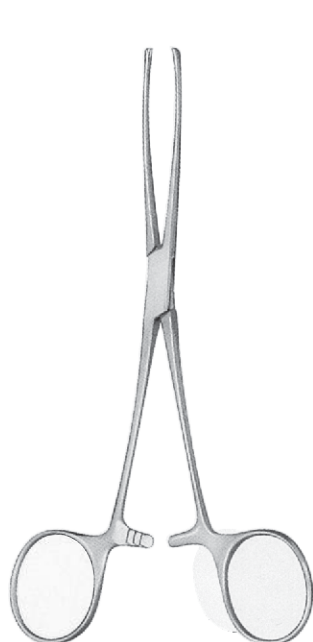
3397
6 x 7 teeth



3401

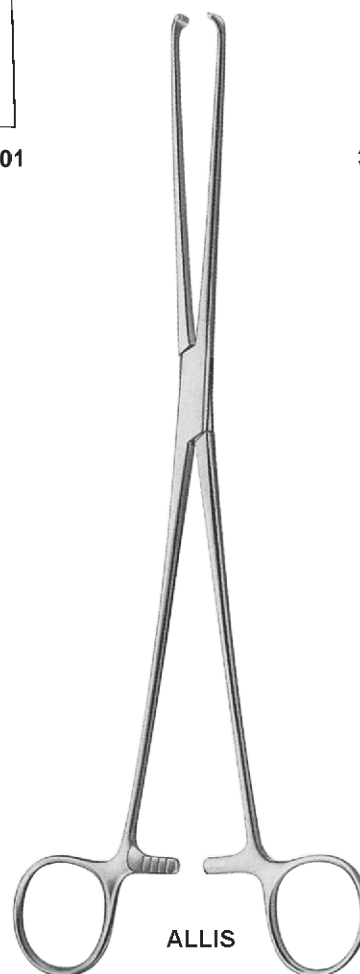


3402



AMERICAN PATTERN ALLIS

3398
150mm (6")
3 x 4 teeth



ALLIS

3399
190mm (7.1/2")

3400
255mm (10")
5 x 6 Teeth



3403
125mm
(5")



3404
150mm
(6")



3405
180mm
(7")



3406
200mm
(8")



3407
225mm
(9")



SPENCER WELLS
Straight



3408
125mm
(5")



3409
150mm
(6")



3410
180mm
(7")



3411
200mm
(8")



3412
225mm
(9")

SPENCER WELLS
Curved on flat





FRASER-KELLY (CRILE)

3413
180mm (7")
Curved on flat



3414
180mm (7")
Curved on flat



3416
185mm (7.1/4")
Curved on flat
1 x 2 teeth



3415
180mm (7")
Straight



3417
185mm (7.1/4")
Straight
1 x 2 teeth



FRASER - ADSON

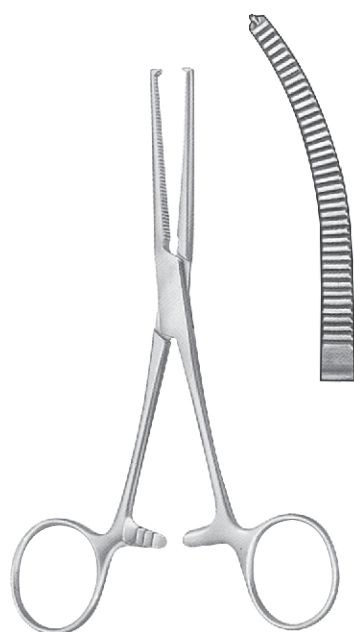


DUNHILL

3418
125mm (5")
Curved on flat

3419
125mm (5")
Straight

3420
180mm (7")
Curved on flat



KOCHER
Curved on flat 1 x 2 teeth

3421
125mm (5")

3422
140mm (5.1/2")

3423
150mm (6")

3424
180mm (7")

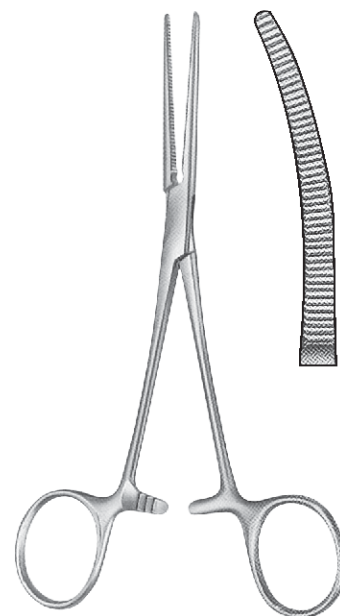
3425
200mm (8")

3426
225 (9")



LLOYD DAVIS

3427
260mm (10.1/4")
Curved on flat



MAYO

3428
160mm (6.1/4")
Curved on flat



KELLY
Curved on flat

3429
140mm (5.1/2")

3430
160mm (6.1/4")



KOCHER
Straight 1 x 2 teeth

3431
125mm (5")

3432
140mm (5.1/2")

3433
150mm (6")

3434
180mm (7")

3435
200mm (8")

3436
225mm (9")



KELLY HALSTEAD

3437
140mm (5.1/2")
Straight

3438
140mm (5.1/2")
Curved on flat



CAIRNS

3439
145mm (5.3/4")

3440
145mm (5.3/4")
Curved on flat

3441
145mm (5.3/4")
Curved to side



CRAFOORD

3442
254mm (9.3/4")
Curved on flat



CRILE
Straight

3443
140mm (5.1/2")

3444
160mm (6.1/4")

3445
180mm (7")



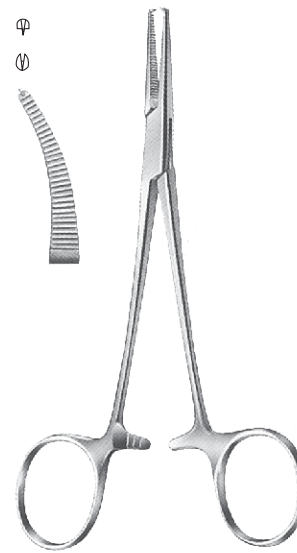
BABY-CRILE

3446
140mm (5.1/2")
Curved on flat



BABY-CRILE

3447
140mm (5.1/2")
Straight
1 x 2 teeth



BABY CRILE

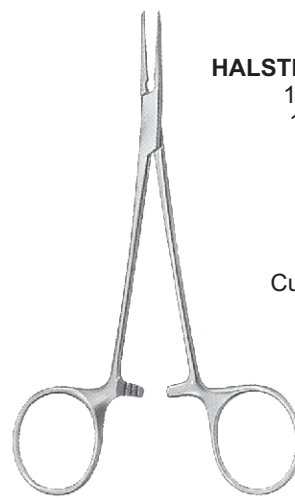
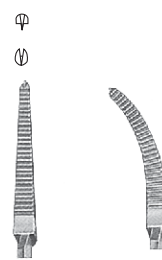
3448
140mm (5.1/2")
Curved on flat
1 x 2 teeth



HALSTEAD MOSQUITO
125mm (5")

3449
Straight

3450
Curved on flat



HALSTEAD MOSQUITO
125mm (5")
1 x 2 teeth

3451
Straight

3452
Curved on flat



HALSTEAD MOSQUITO

3453
100mm (4")
Straight



HALSTEAD MOSQUITO

3454
100mm (4")
Curved on flat

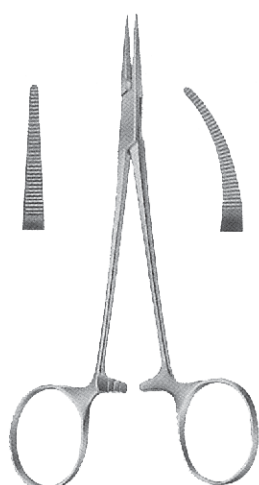


HALSTEAD MOSQUITO

100mm (4")
1 x 2 teeth

3455
Straight

3456
Curved on flat

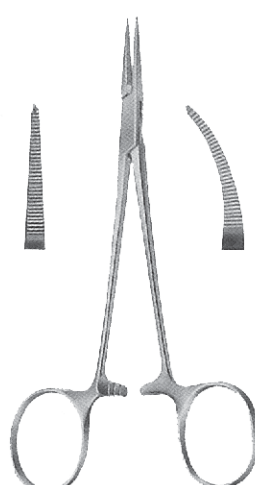


HALSTEAD MOSQUITO

125mm (5")

3457
Straight

3458
Curved on flat



HALSTEAD MOSQUITO

125mm (5")
1 x 2 teeth

3459
Straight

3460
Curved on flat

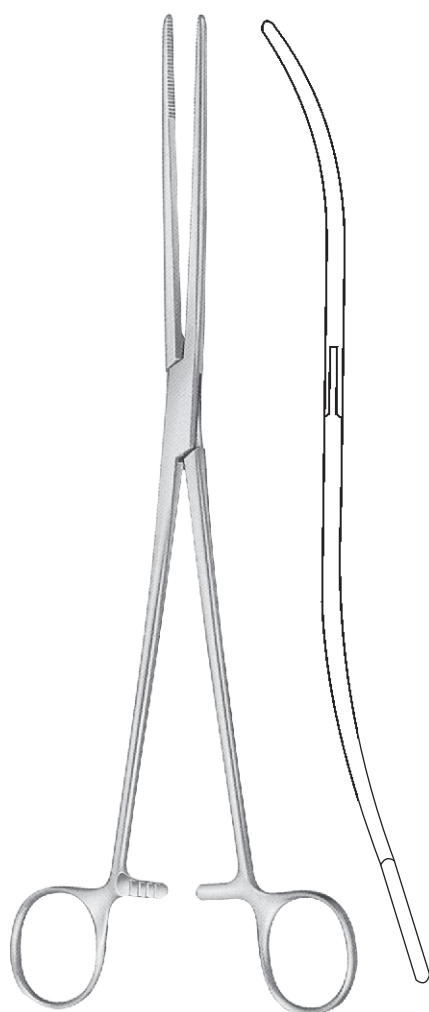


BABY - CRILE

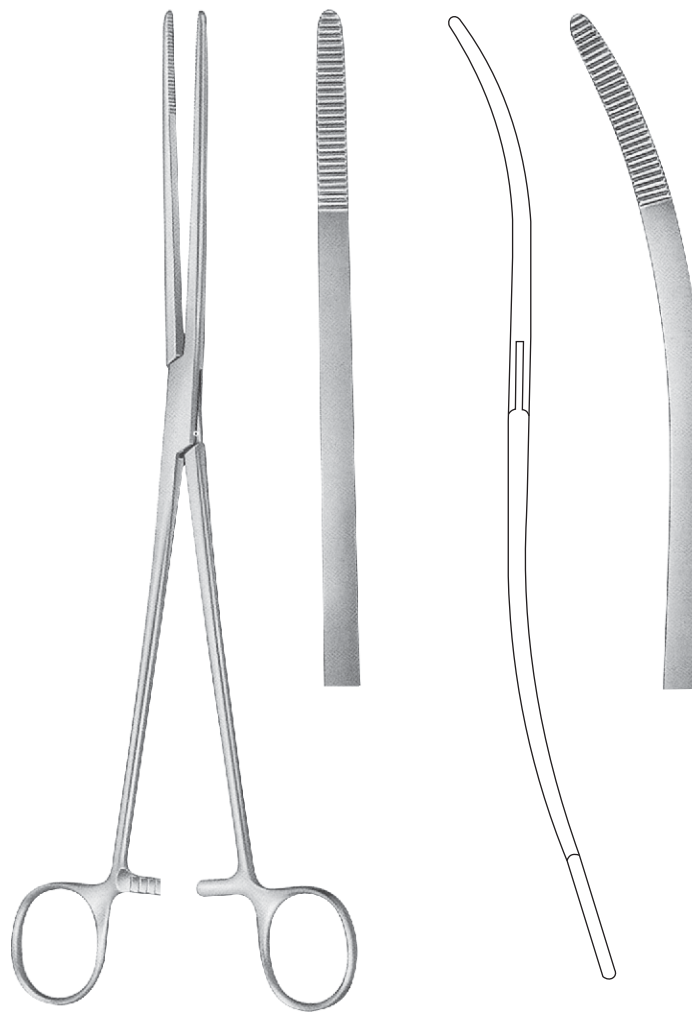
3461
140mm (5.1/2")
Straight

DRESSING FORCEPS


 RAND
 SURGICAL
 INSTRUMENTS



BOZEMANN
3462
 250mm (10")
 S-shaped curve



BOZEMANN
3463
 260mm (10.1/4")
 Straight

3464
 250mm (10")
 Curved



RAMPLEY

3465
180mm (7")

3466
240mm (9.1/2")



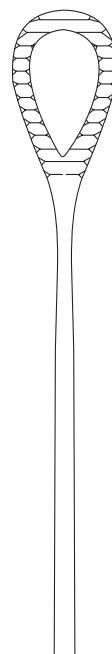
FORESTER

3467
240mm (9.1/2")

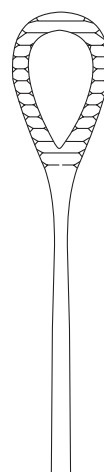
3468
180mm (7")
Straight

3469
240mm (9.1/2")

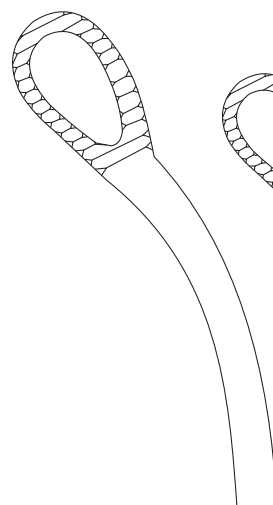
3470
180mm (7")
Curved on flat



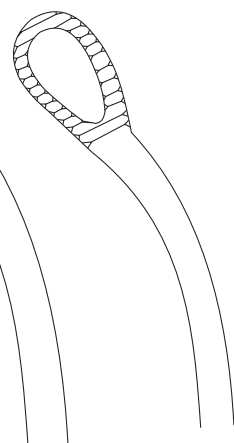
3471



3472



3473



3474

TOWEL CLAMPS

G
RAND
SURGICAL
INSTRUMENTS



BALL AND SOCKET

3475
130mm (5")

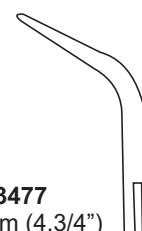


BACKHAUS

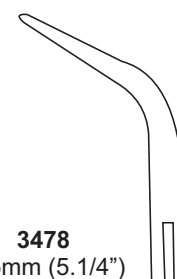
3476
90mm (3.1/2")



3477
100mm (4.3/4")



3478
135mm (5.1/4")



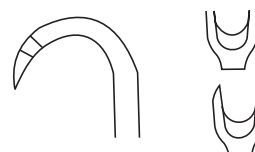
MAYO

3479
140mm (5.1/2")



MOYNIHAN

3480
190mm (7.1/2")
2 x 2 teeth





3483



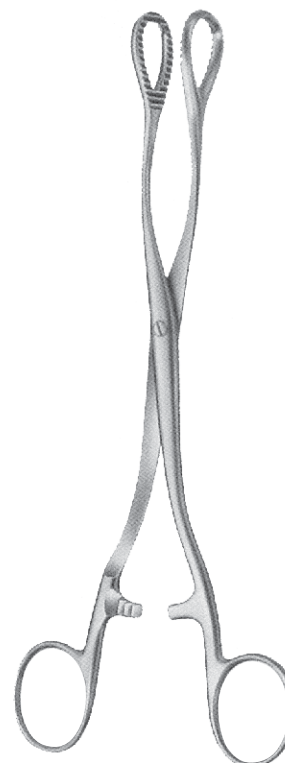
3484



COLLIN TONGUE FORCEPS

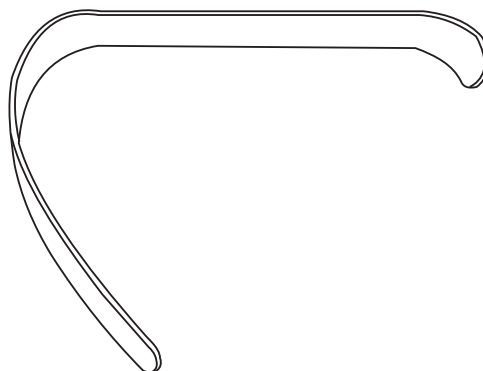
3481
170mm (6.3/4")

3482
160mm (6.1/4")



HEYWOOD-SMITH TONGUE FORCEPS

3485
200mm (8")



LACK TONGUE DEPRESSOR

3486
13mm wide
child

3487
19mm wide
Adolescent

3488
22mm wide
Adults



3489
180mm (7")

FLAT TONGUE DEPRESSOR
Double ended
tapering 19mm + 23mm



3490
140mm (5.1/2")



WEBSTER
Smooth Jaw

3491
115mm (4.1/2")



LAWRANCE

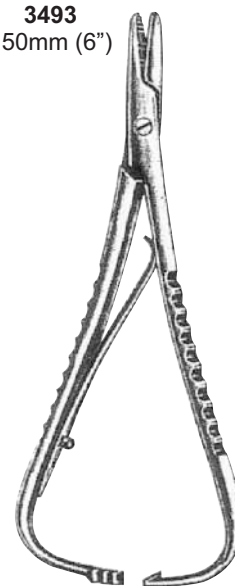
3492
150mm (6")
Lightweight

3493
150mm (6")



MAYO

3494
150mm (6")



MCPHAILS

3495
180mm (7")

NEEDLE HOLDERS

G
RAND
SURGICAL
INSTRUMENTS



HALSEY

3496
125mm (5")



MATHIEU

3497
140mm (5.1/2")



MATHIEU

3498
170mm (6.3/4")



MATHIEU

3499
200mm (8")



MAYO (BAUMGARTNER)



3500
140mm (5.1/2")

MAYO (MASSON)



3501
265mm (10.1/2")

MAYO



3502
165mm (6.1/2")



3503
190mm (7.1/2")



3504
200mm (8")



3505
230mm (9")

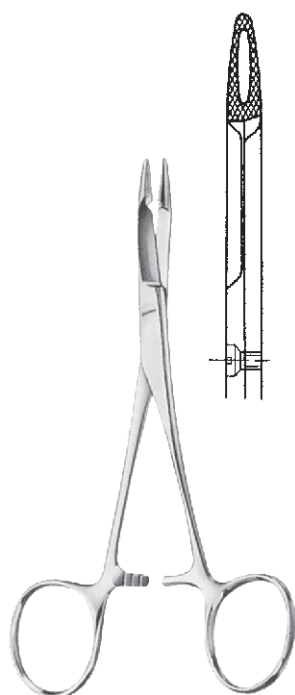
HEGAR



3506
200mm (8")

NEEDLE HOLDERS

G^{RAND}
SURGICAL
INSTRUMENTS

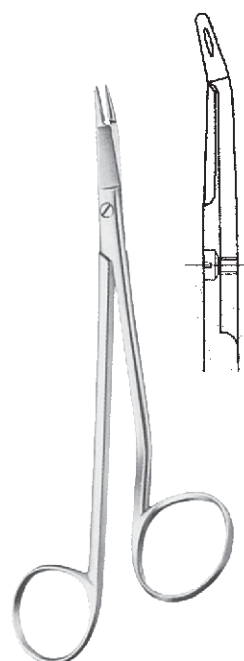


OLSEN HEGAR
Combined needle holder
and scissors

3507
140mm (5.1/2")

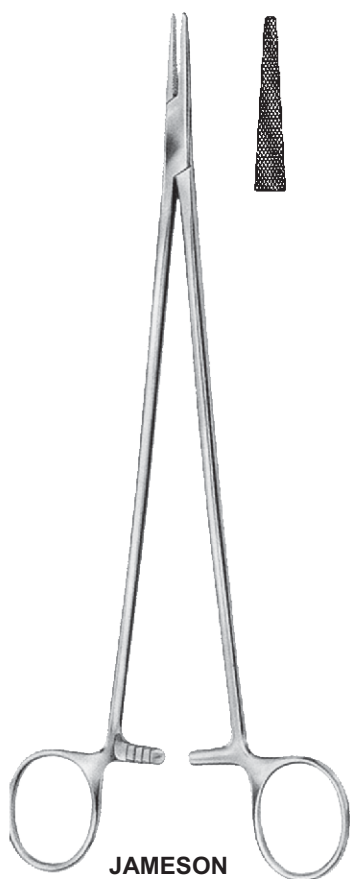
3508
165mm (6.1/2")

3509
190mm (7.1/2")



WARD
Combined needle holder
and scissors

3510
180mm (7")



JAMESON

3511
230mm (9")



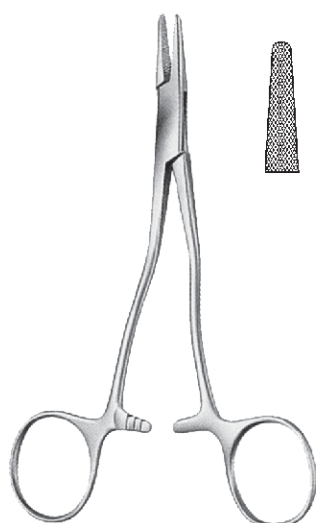
WRIGHT

3512
125mm (5")



GILLIES
Combined needle holder
and scissors

3513
160mm (6.1/4")



KILNER

3514
135mm (5.1/4")



HEANEY

3515
200mm (8")

NEEDLE HOLDERS

G^{RAND}
SURGICAL
INSTRUMENTS



CRILE WOOD

3516
150mm (6")



CRILE MURRAY

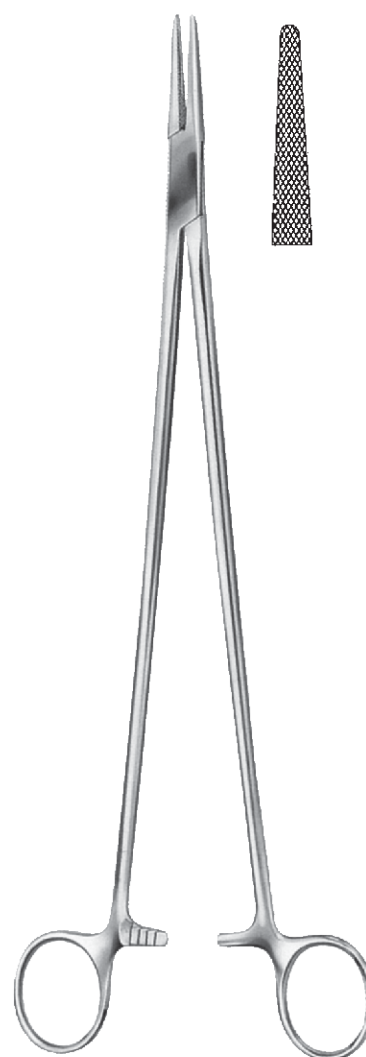
3517
145mm (5.3/4")



NAUNTUN MORGAN

3518
190mm (7.1/2")

3519
250mm (10")



WANGENSTEEN

3520
270mm (10.3/4")



CONVERSE

3521
125mm (5")



DERF

3522
120mm (4.3/4")



MAYO (DUNHILL)

3523
160mm (6.1/4")



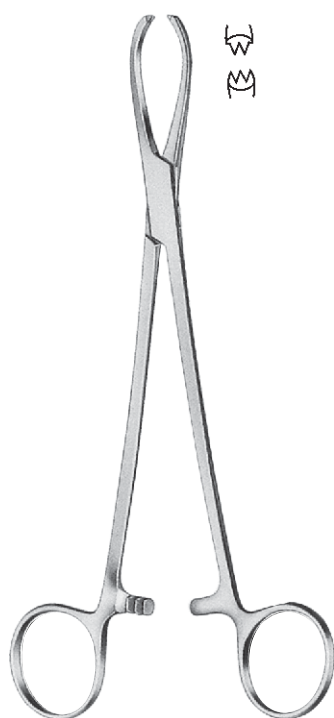
MAYO

3524
180mm (7")



MAYO

3525
190mm (7.1/2")



LITTLEWOOD

3526
185mm (7.1/4")
2 x 3 teeth



TUBING CLAMP

3527
175mm (7")

3528
200mm (8")



CASTROVIEJO

3529
145mm (5.3/4")
With catch



CASTROVIEJO

3530
145mm (5.3/4")
With catch



ARRUGA

3531
135mm (5.1/4")



BARRAQUER

3532
120mm (4.3/4")
With catch

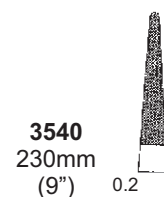
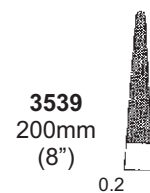
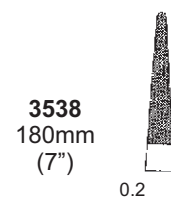
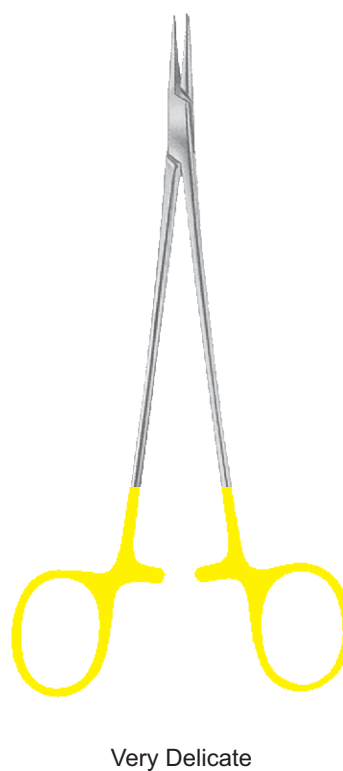
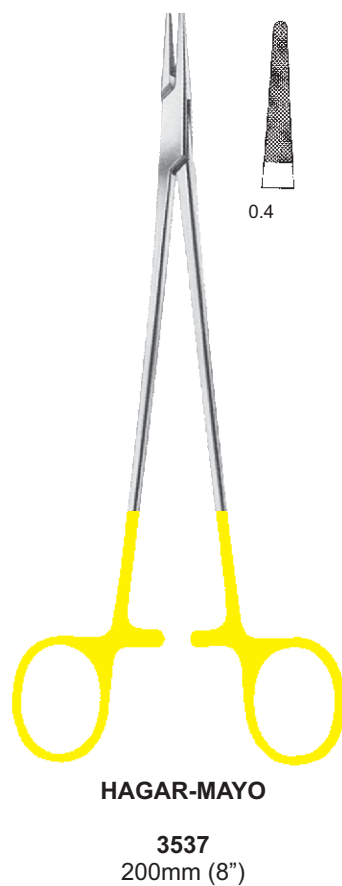
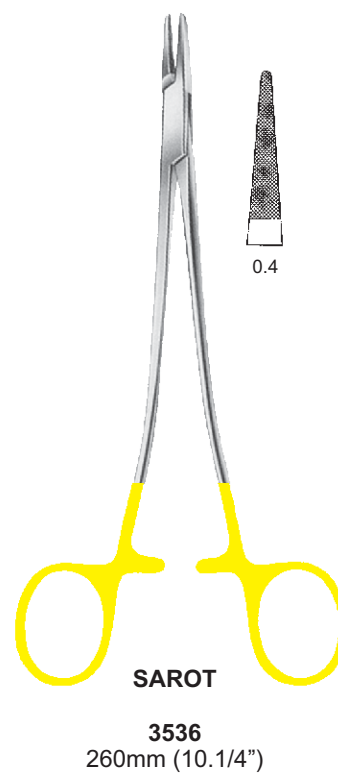
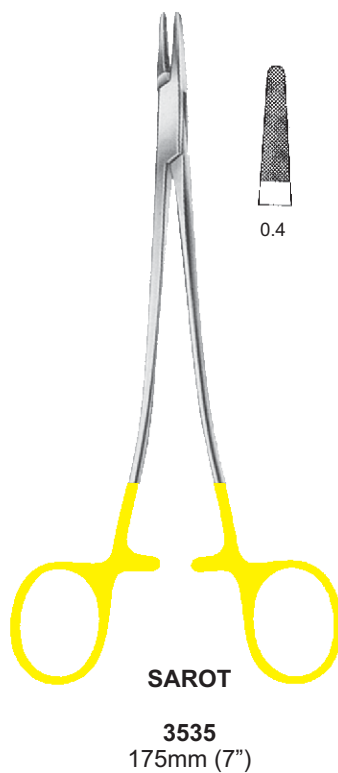
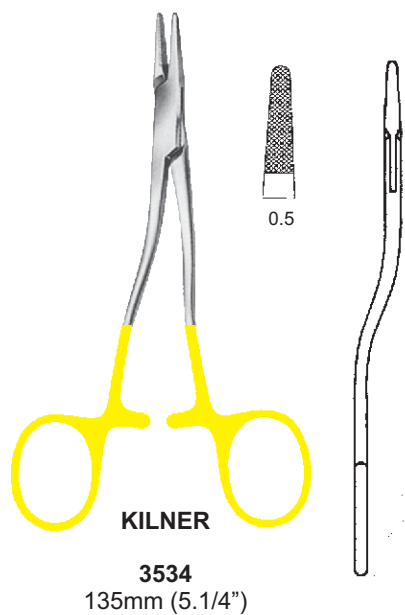


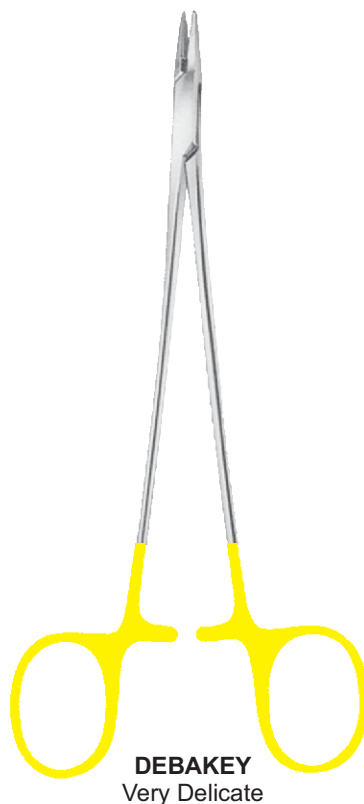
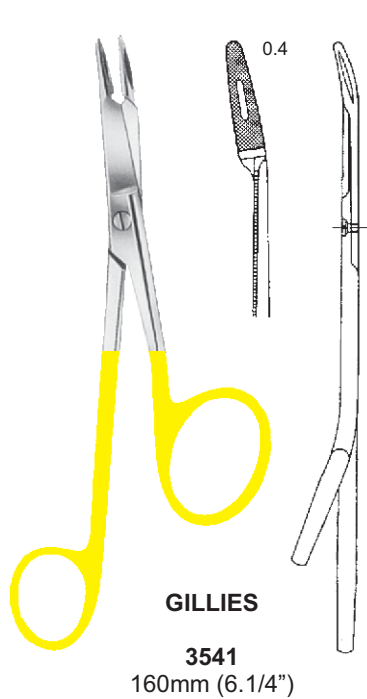
BARRAQUER

3533
120mm (4.3/4")
Without catch

"TC" NEEDLE HOLDERS

G
RAND
SURGICAL
INSTRUMENTS





3542
165mm (6.1/2")



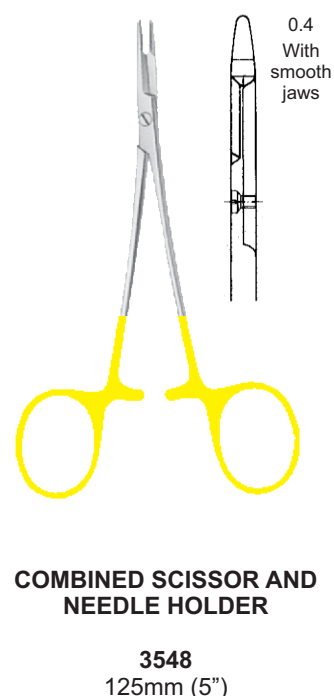
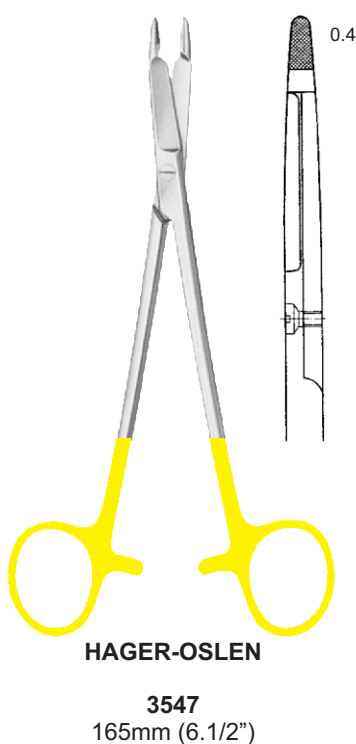
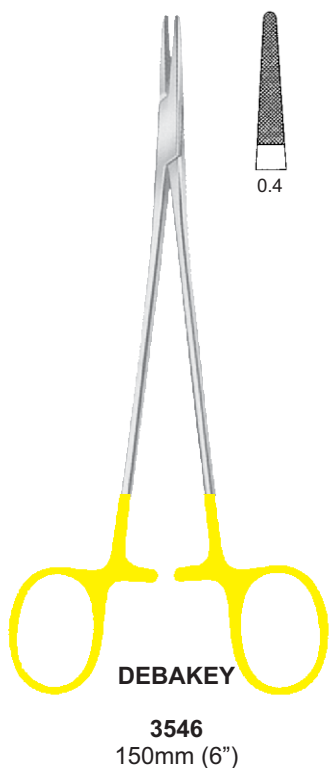
3543
210mm (8.1/4")



3544
165mm (6.1/2")



3545
210mm (8.1/4")



"TC" NEEDLE HOLDERS

G^{RAND}
SURGICAL
INSTRUMENTS



3549
195mm (7.3/4")
Elastic pattern, delicate



3550
200mm (8")



HOESEL
3554
260mm (10.1/4")
With long neck



MATHIEU-STANDARD



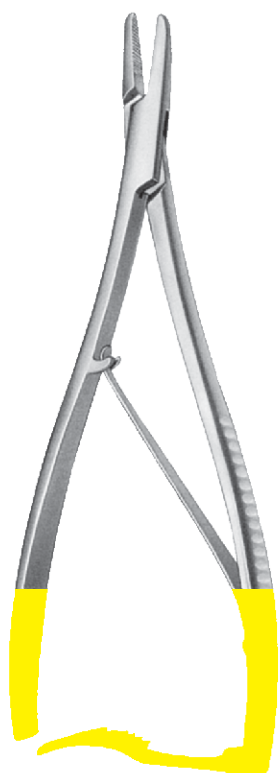
3551
140mm (5.1/2")



3552
170mm (6.3/4")



3553
200mm (8")



ZWEIFEL



0.5

3555
200mm (8")
Heavy pattern for
sternum suture



MATHIEU
Heavy pattern



0.5

3556
200mm (8")



0.5

3557
245mm (9.3/4")



0.4

3558
200mm (8")



0.4

3559
260mm (10.1/4")

With long neck



ZWEIFEL



0.5

3560
180mm (7")



0.5

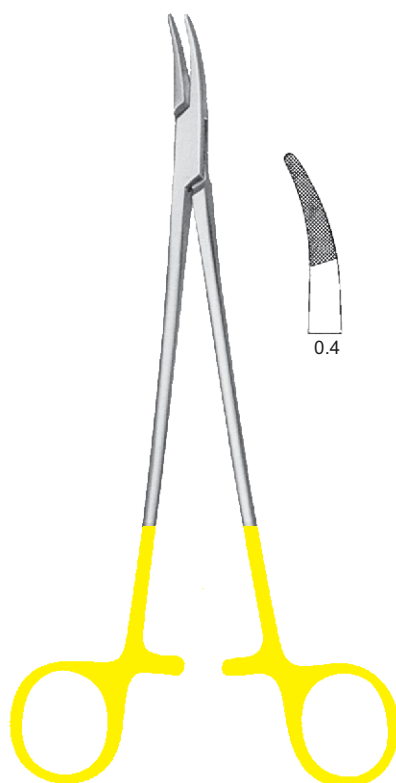
3561
230mm (9")

“TC” NEEDLE HOLDERS

G^{RAND}
SURGICAL
INSTRUMENTS



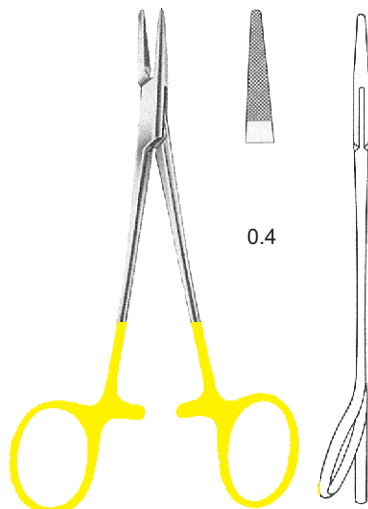
3562
200mm (8")



JULIAN
3563
200mm (8")

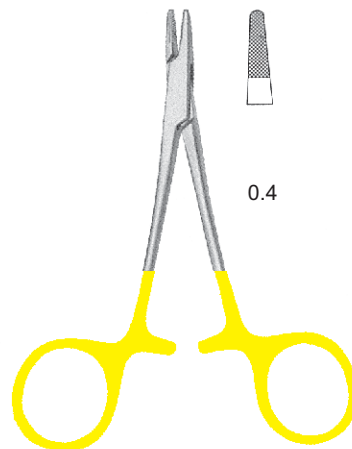


TOENNIS
3564
185mm (7.1/4")



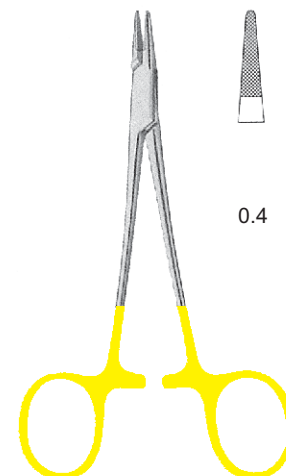
MASING

3565
130mm (5.1/8")
One ring angled



DERF

3566
115mm (4.1/2")

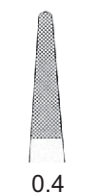


MASING

3567
125mm (5")



CRILE - WOOD



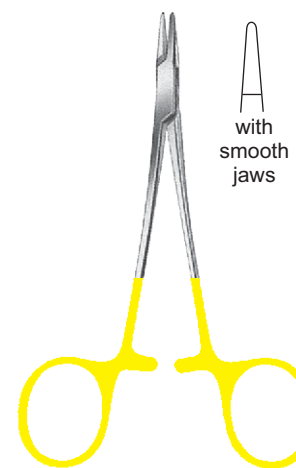
3568
180mm
(7")



3569
200mm
(8")



3570
305mm
(12.1/4")

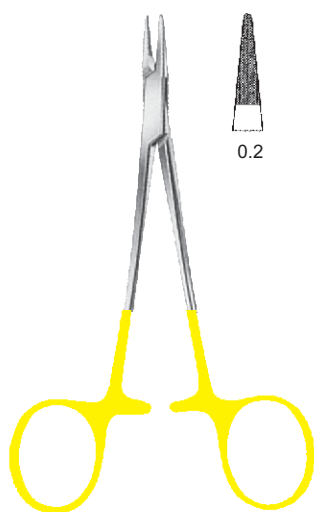


HALSEY

3571
120mm (4.3/4")

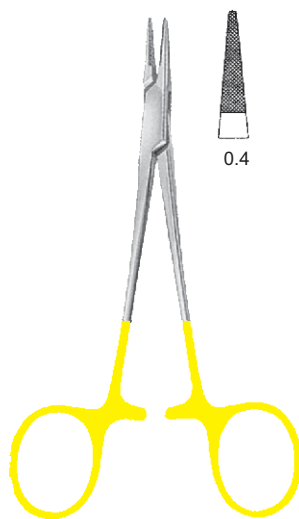
“TC” NEEDLE HOLDERS

G^{RAND}
SURGICAL
INSTRUMENTS



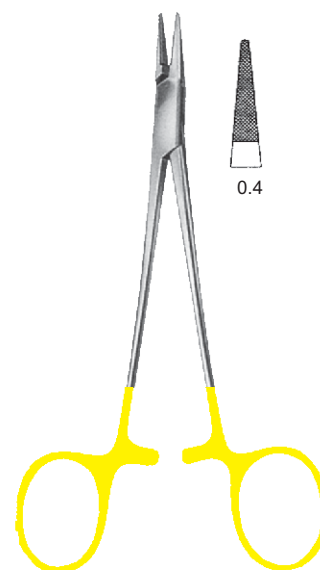
CONVERSE

3572
130mm (5.1/8")



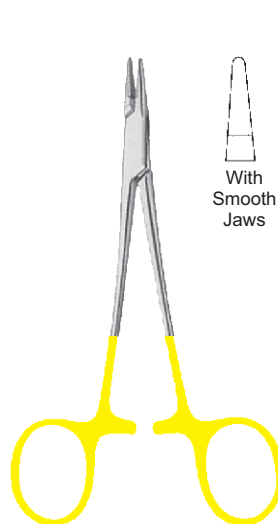
HALSEY

3573
130mm (5.1/8")



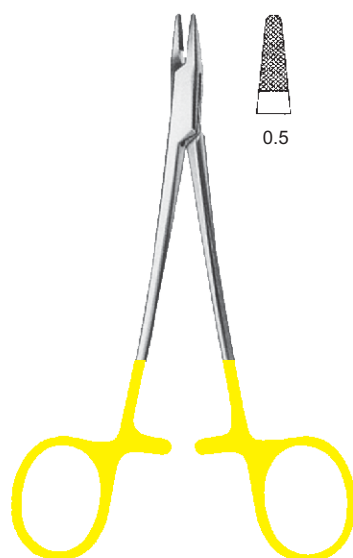
BABY-CRILE-WOOD

3574
150mm (6")



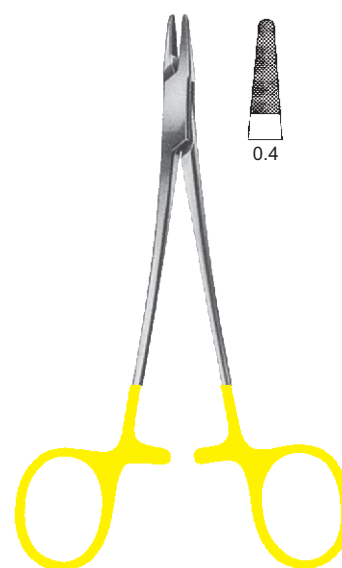
WEBSTER

3575
125mm (5")



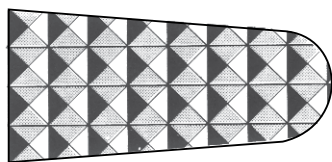
BAUMGARTNER

3576
145mm (5.3/4")



CRILE - WOOD

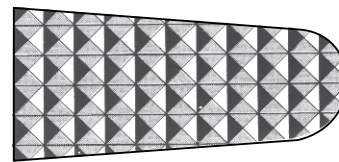
3577
145mm (5.3/4")



COARSE

For powerful needle holder patterns and wire twisters

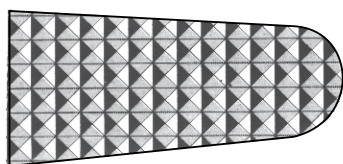
Maximum holding capabilities for heavy needles or wire



STANDARD

Used for example Mayo-Hegar, Mathieu Needle Holders

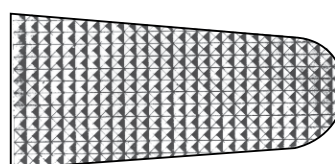
For needle 3-0 and larger



FINE

For delicate needle holders such as Crile Wood and Debaquey

For needle and sutures between 4-0 and 6-0



MICRO

For micro needle holder such as Castroviejo, Microvascular and Mini-Ryder

For delicate needle and sutures between 7-0 and 10-0



With Smooth Jaws

CASTROVIEJO

3578
145mm (5.3/4")



0.2

CASTROVIEJO

3579
145mm (5.3/4")



0.2

CASTROVIEJO

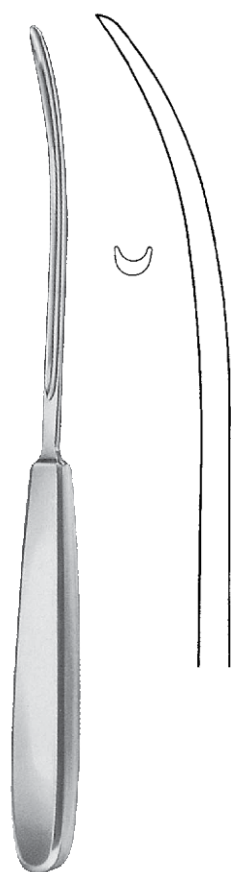
3580
180mm (7")



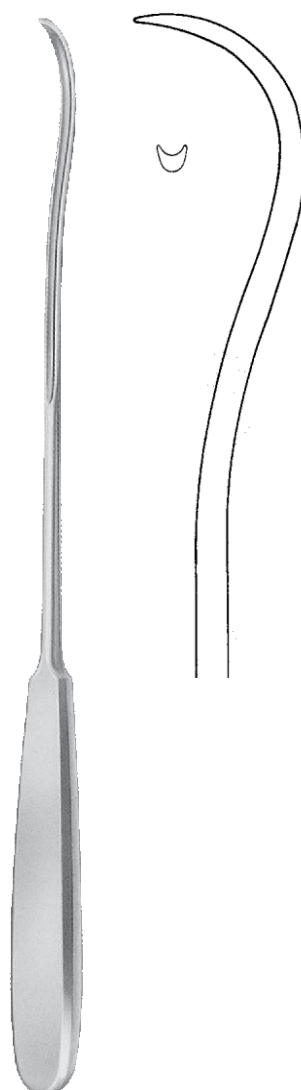
0.2

CASTROVIEJO

3581
215mm (8.1/2")



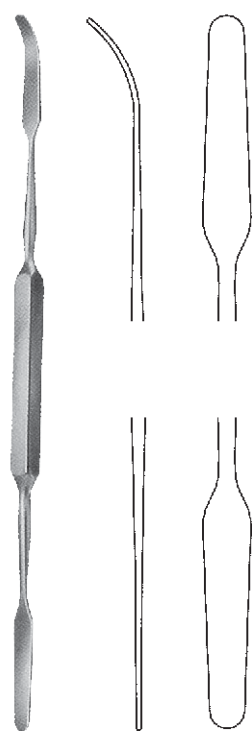
PAYR
3582
225mm (9")



PAYR
3583
280mm (11")



GWYNNE EVANS TONSIL
200mm (8")
Double ended
3584
6mm wide
3585
8mm wide



MACDONALD

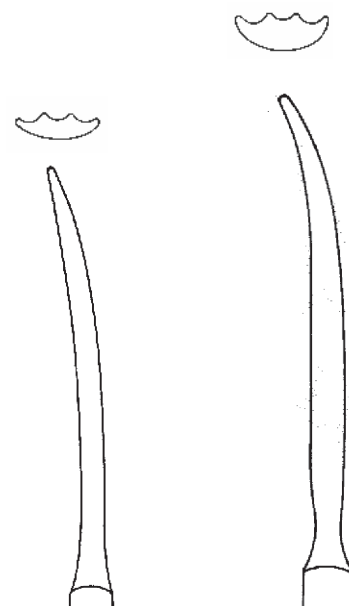
3586
185mm (7.1/4")
Double ended



WATSON CHEYNE
Fine with probe

3587
125mm (5")

3588
190mm (7.1/2")



KOCHER THYROID

3589
150mm(6")

3590
170mm (6.3/4")



LIEBRICH LACHRYMAL

3591
No. 00 - 0 (0.7 - 0.8mm)

3592
No. 1 - 2 (0.9 - 1.1mm)

3593
No. 3 - 4 (1.3 - 1.4mm)

3594
No. 5 - 6 (1.5 - 1.6mm)



ANEL LACHRYMAL

3595
108mm (4.1/4") 0.6mm , small



CAWTHORNE

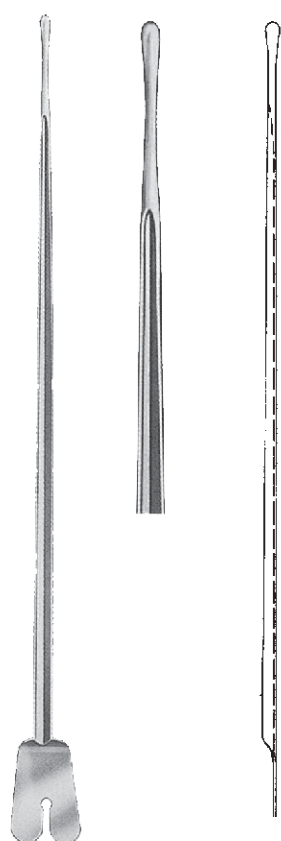
3596
140mm (5.1/2")



JOBSON HORNE

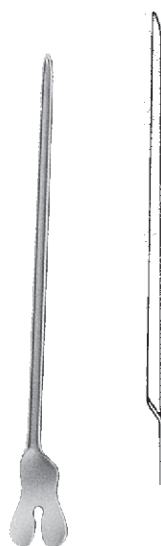
3597
140mm (5.1/2")

3598
178mm (7")



BRODIE

3599
200mm (8")
Ball point

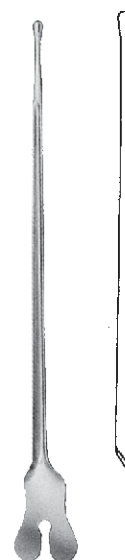


DIRECTORS

3600
130mm (5.1/8")

3601
145mm (5.3/4")

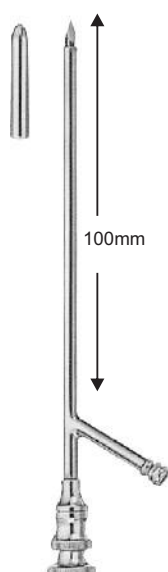
3602
160mm (6.1/4")



3603
140mm (5.1/2")


NESTED TROCARS

3604
 171mm (6.3/4")
 1.9mm, 3.3mm,
 4.5mm and 6.0mm
 Set of four

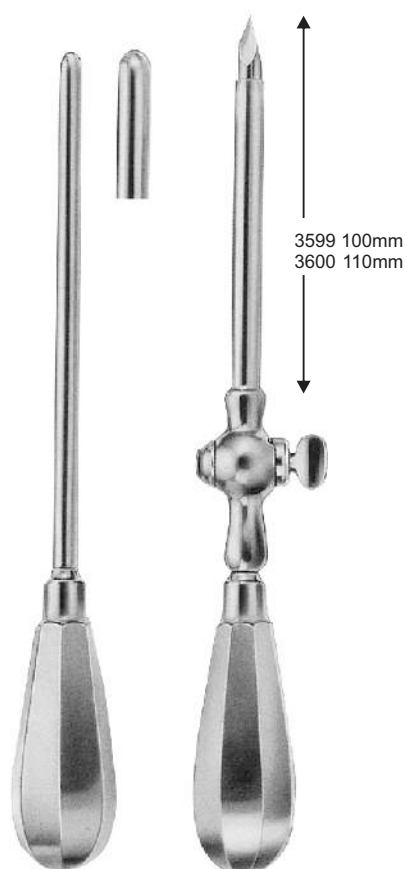

OSCHNER GALL BLADDER

3605
 I.D. 3.6mm O.D. 4.6mm

3606
 I.D. 5.0mm O.D. 6.0mm

3607
 I.D. 3.0mm O.D. 4.0mm

3608
 I.D. 4.3mm O.D. 5.3mm


SUPRAPUBIC

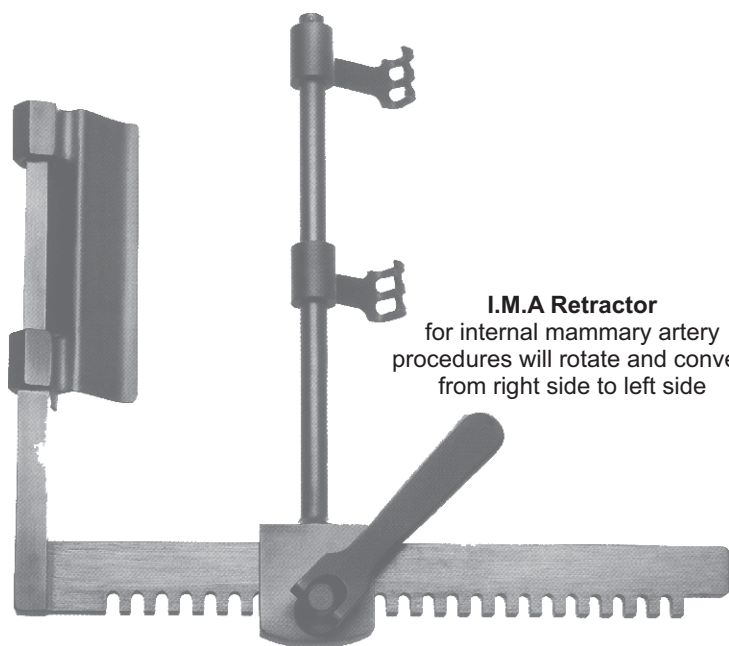
3609
 I.D. 9.0mm O.D. 10.0mm

3610
 I.D. 7.0mm O.D. 8.0mm



**CHARNLEY INITIAL INCISION
RETRACTOR**
with weight and chain

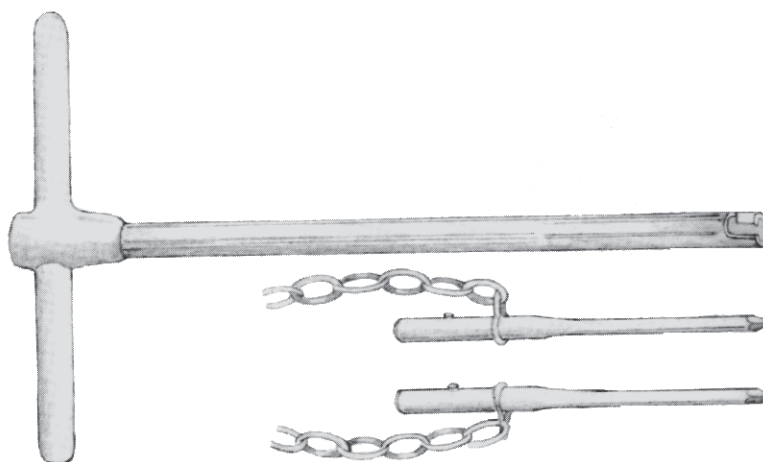
3611



I.M.A Retractor
for internal mammary artery
procedures will rotate and convert
from right side to left side

I.M.A RETRACTOR

3612

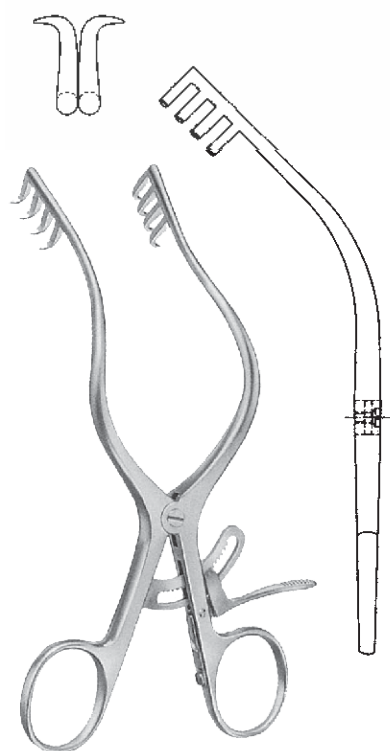


**CHARNLEY
PIN RETRACTOR**

3613

SELF RETAINING RETRACTORS

G^{RAND}
SURGICAL
INSTRUMENTS



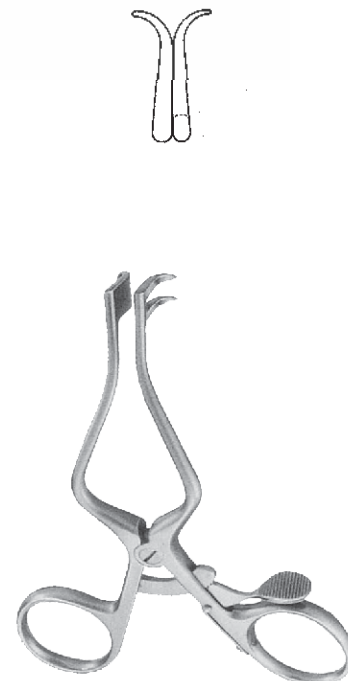
MOLLISON

3614
165mm (6.1/2")



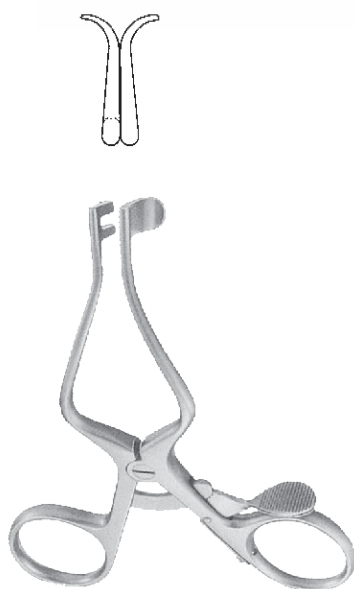
MOLLISON

3615
133mm (5.1/4")



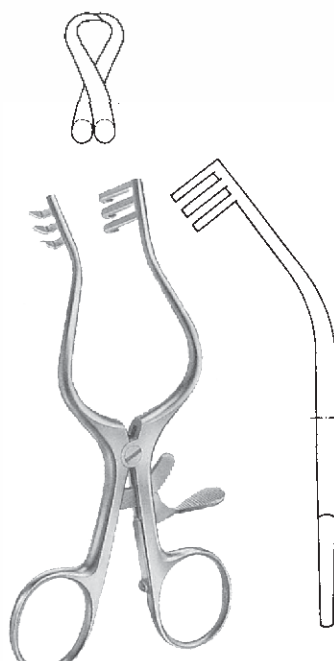
PLESTER-JANSEN

3616
140mm (5.1/2")



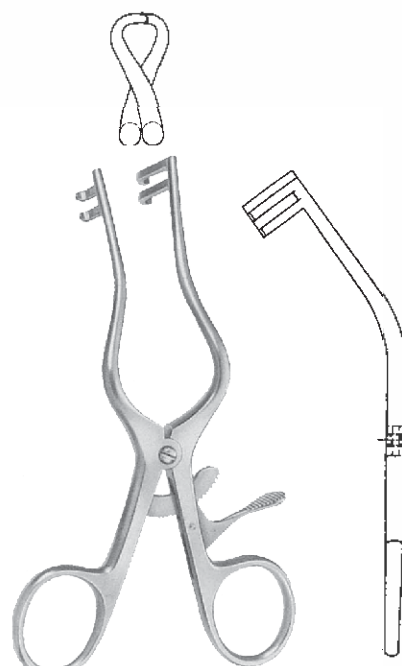
**PLESTER-JANSEN
Right**

3617
140mm (5.1/2")



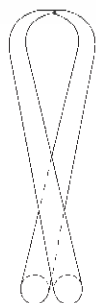
PLESTER-JANSEN

3618
140mm (5.1/2")



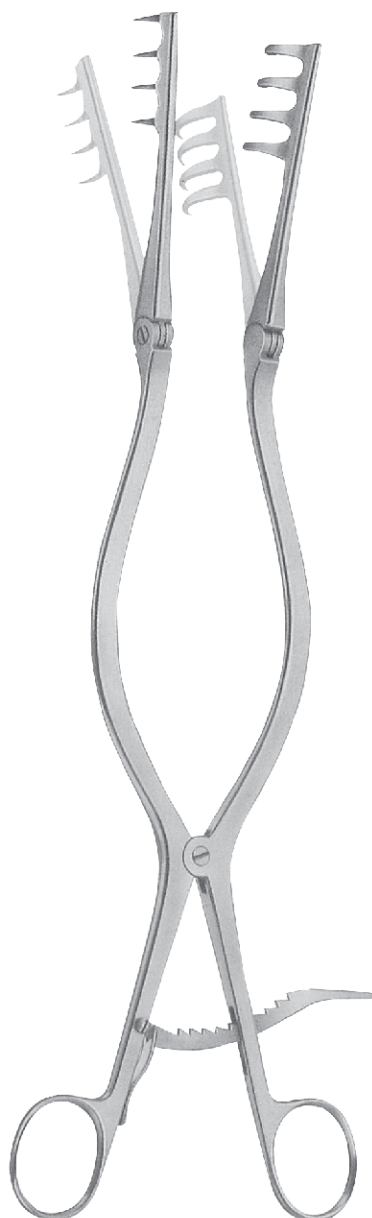
**WALLACE MODIFIED
PLESTER-JANSEN**

3619
140mm (5.1/2")



ADSON

3620
265mm (10.1/2")



BECKMANN-ADSON

3621
310mm (12")

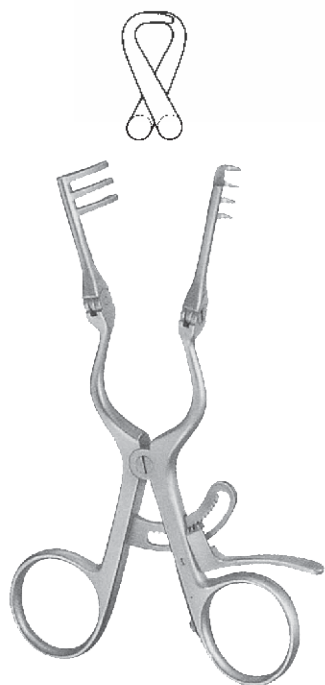


ADSON

3622
320mm (12.3/4")
Semi - sharp

SELF RETAINING RETRACTORS

G RAND
SURGICAL
INSTRUMENTS



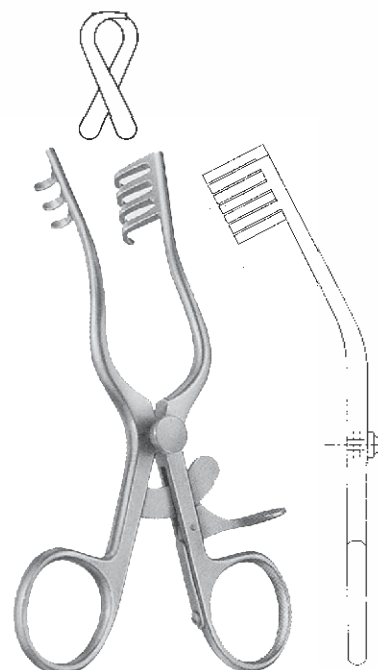
CONE

3623
145mm (5.3/4")



JANSON (SHEA)

3624
105mm (4.1/8")



JEFFERSON

3625
140mm (5.1/2")



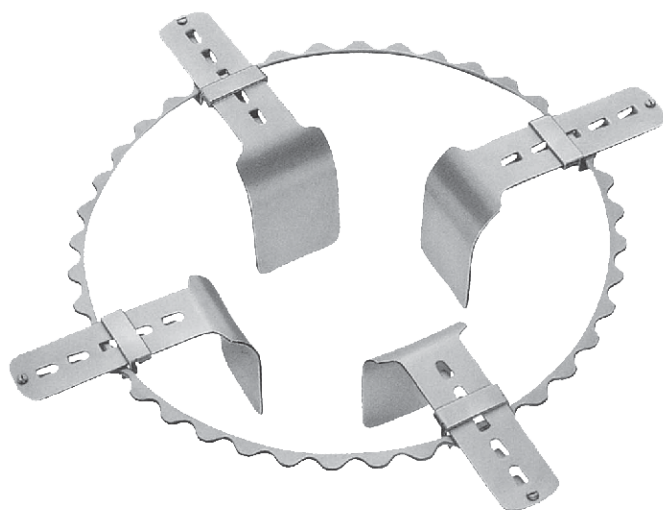
HENDERSON

3626
130mm (5.1/8")



TRAVERS

3627
195mm (7.3/4")
Sharp



TURNER WARWICK

3628
140mm x 180mm (7" x 5.1/2")
Oval sprocket frame and four blades



GELPI VULVA

3629
165mm (6.1/2")



GELPI VULVA

3630
135mm (5.1/4")



JACKSON - BURROWS

3631
165mm (6.1/2")

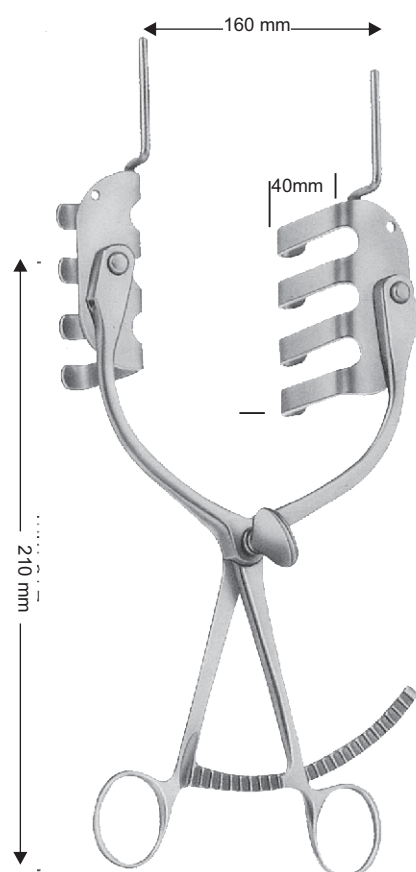


FINSON

3632
70mm (2.3/4")

SELF RETAINING RETRACTORS

G^{RAND}
SURGICAL
INSTRUMENTS



**ST MARKS HOSPITAL
PERINEAL**
210mm (8.3/8")

3633
Blades: 70mm x 40mm



JOLL THYROID

3634
152mm (6")



MILLIN RETROPUBIC

3635
Blades
55mm x 25mm
80mm x 25mm

Centre blade:
115mm x 45mm



WEISLANDER

3636
110mm (4.3/8")
2 x 3teeth, sharp



WEISLANDER

3637
110mm (4.3/8")
2 x 3 teeth, blunt



RNTNE HOSPITAL

3638
159mm (6.1/4")
3 x 4 teeth

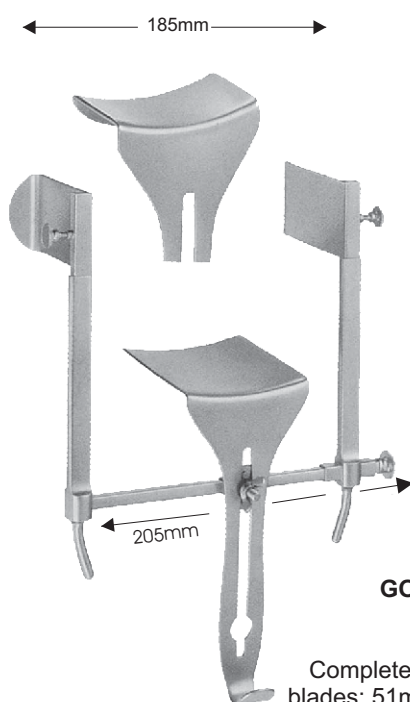


NORFOLK AND NORWICH

3639
215mm (8.1/2")
4 x 5 teeth, blunt

SELF RETAINING RETRACTORS

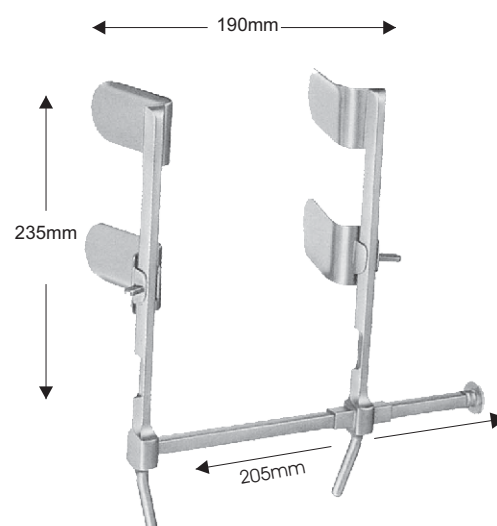
G
RAND
SURGICAL
INSTRUMENTS



GOLIGHER

3640

Complete with two centre blades: 51mm deep, and four lateral blades: 2 x 51mm deep 2 x 102mm deep



BERKELEY ABDOMINAL

3641

Blades: 35mm x 60mm



TRAVERS

3642

200mm (8")
4 x 5 teeth
Blunt



IRWIN

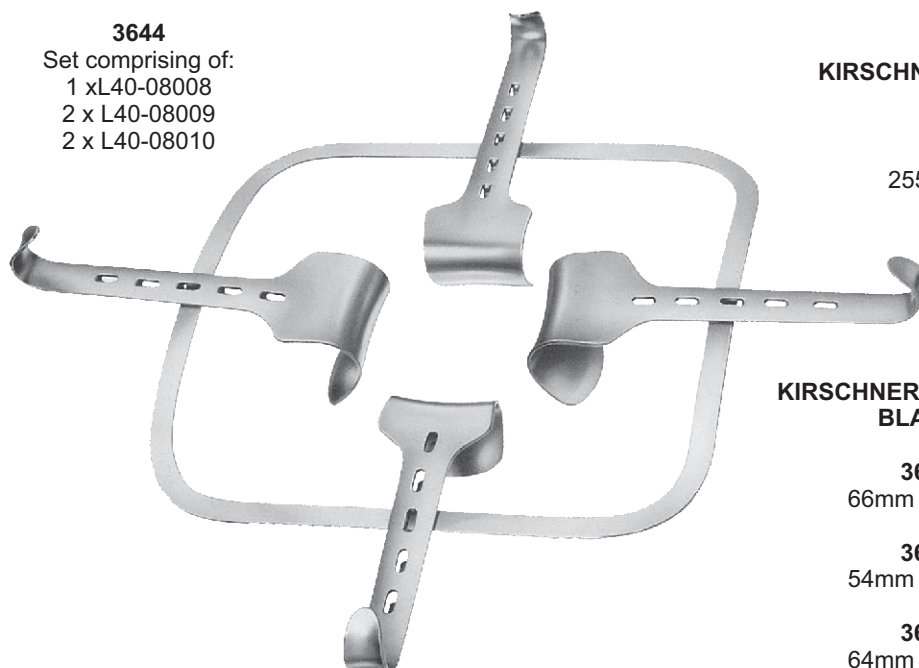
3643

178mm (7")
4 x 5 teeth
Sharp

KIRSCHNER RETRACTOR SET

3644

Set comprising of:
1 x L40-08008
2 x L40-08009
2 x L40-08010



**KIRSCHNER RETRACTOR
FRAME**

3645

255mm square

**KIRSCHNER RETRACTOR
BLADES**

3646

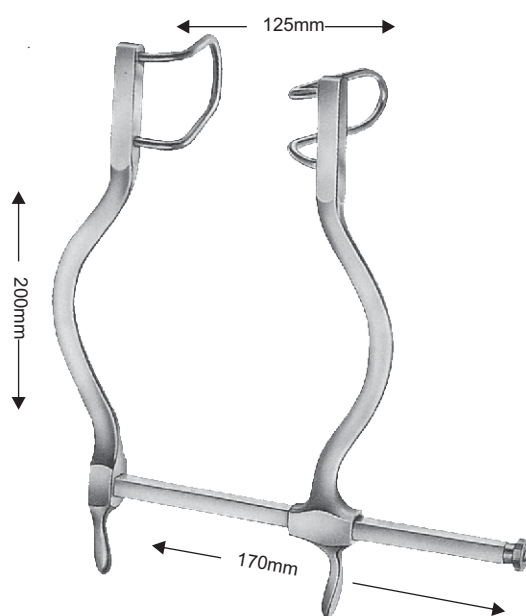
66mm x 48mm

3647

54mm x 42mm

3648

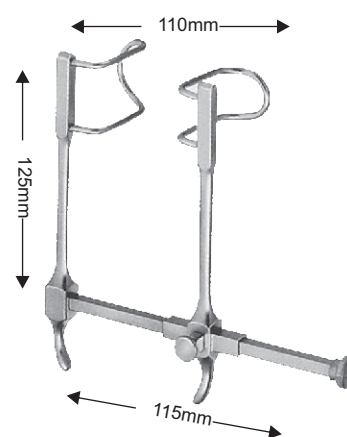
64mm x 80mm



GOSSET

3649

Blades: 55mm



GOSSET

3650

Blades: 38mm

SELF RETAINING RETRACTORS

G
RAND
SURGICAL
INSTRUMENTS

TURNER WARWICK RETRACTOR BLADES



3651
Blade: 51mm x 38mm
Curved, blackened finish

3652
Blade: 76mm x 60mm
Curved, blackened finish

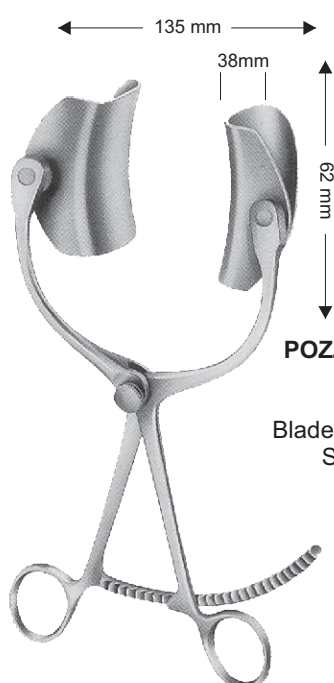


3653
Blade: 89mm x 60mm
Flat, polished front surface

3654
Blade: 114mm x 60mm
Flat polished front surface



3655
13mm deep
Single hook blade



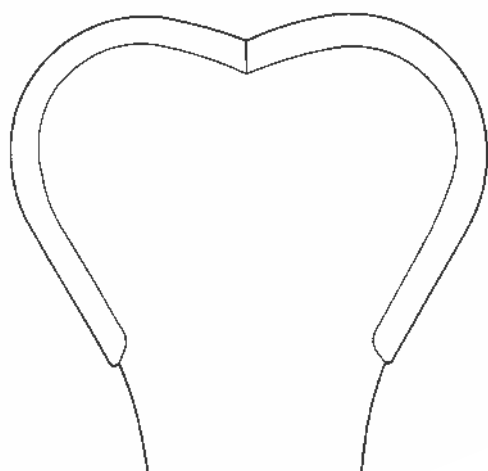
POZZI ABDOMINAL

3656
Blades: 62mm x 38mm
Swivel blades



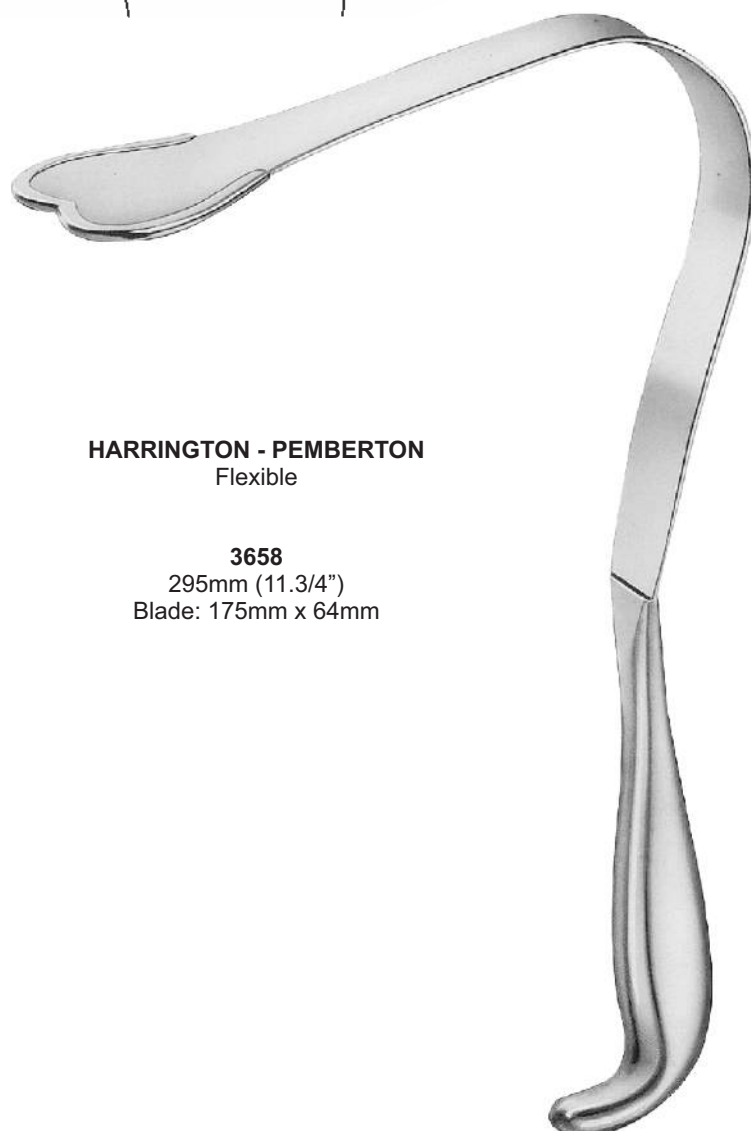
POZZI ABDOMINAL

3657
Lateral blades:
62mm x 38mm
Center blade:
55mm x 55mm



HARRINGTON - PEMBERTON
Flexible

3658
295mm (11.3/4")
Blade: 175mm x 64mm



ALLISON

3659
255mm (10")
Blade: 40mm wide



RETRACTOR
155mm (6")
Flexible shaft



3660
2 prong, sharp



3663
2 prong, blunt



3661
3 prong, sharp



3664
3 prong, blunt



3662
4 prong, sharp



3665
4 prong, blunt



3666
125mm (5")



3667
135mm (5.1/4")



3668
130mm (5.1/8")



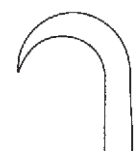
RETRACTOR



KILNER
150mm (6")

3669
Sharp

3670
Blunt



**LANGENBECK
BONE HOOK**

3671
205mm (8")
Sharp



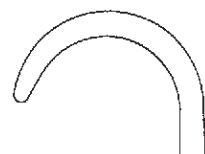
**LANGENBECK
BONE HOOK**

3672
205mm (8")
Blunt



**KOCHER
BONE HOOK**

3673
220mm (8.3/4")
Sharp



**KOCHER
BONE HOOK**

3674
220mm (8.3/4")
Blunt



HAND HELD RETRACTORS



G^{RAND}
SURGICAL
INSTRUMENTS

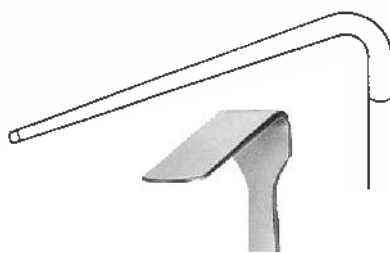


WERTHEIM

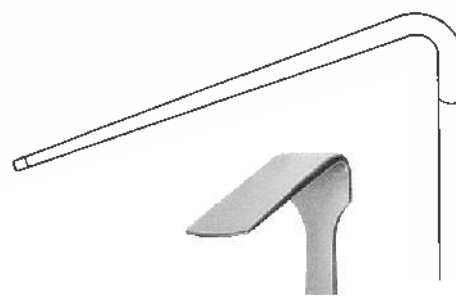
3675
300mm (12")
Blade: 100mm x 40mm



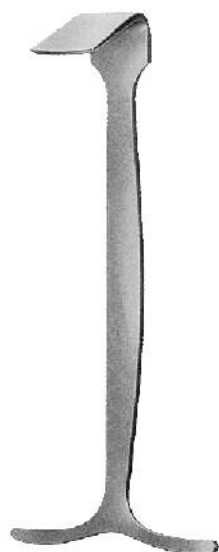
3676
Blade: 32mm x 19mm



3677
Blade: 41mm x 19mm

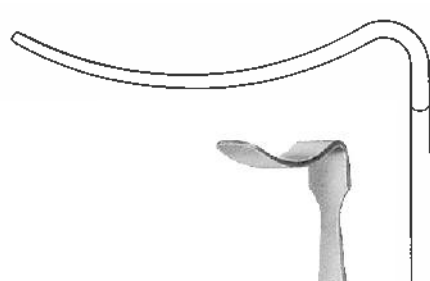


3678
Blade: 57mm x 19mm

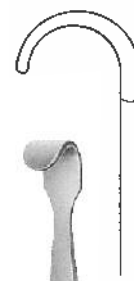


SMILLIE RETRACTORS

3679
145mm (5.3/4")

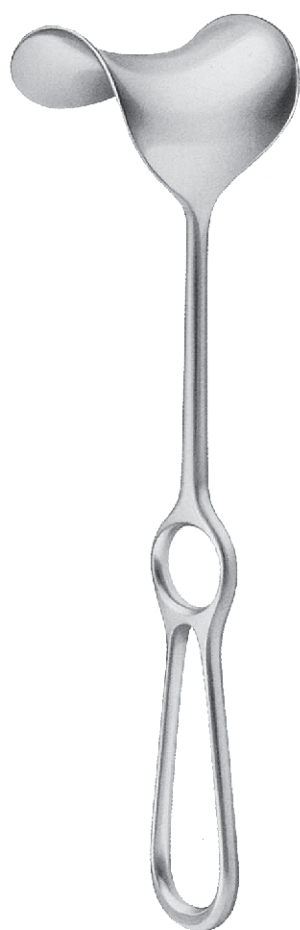


3680
Blade: 10mm



3681



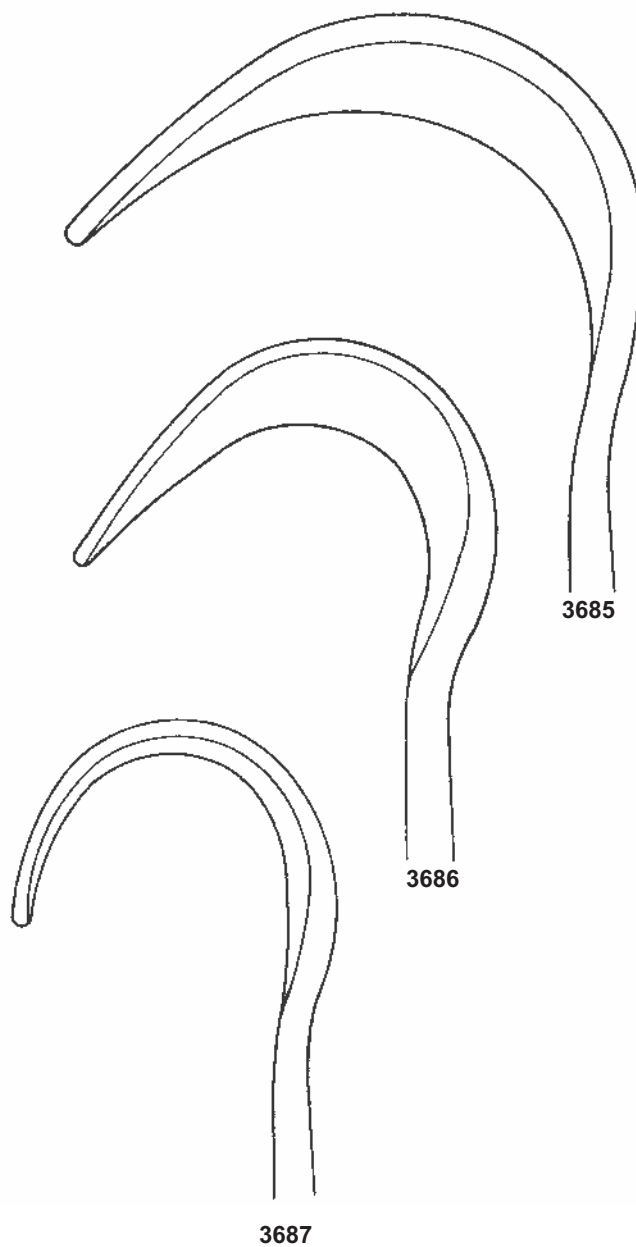


ABDOMINAL RETRACTOR
240mm (9.1/2")

3682
Blade: 34mm x 50mm

3683
Blade: 46mm x 75mm

3684
Blade: 64mm x 85mm



HAND HELD RETRACTORS

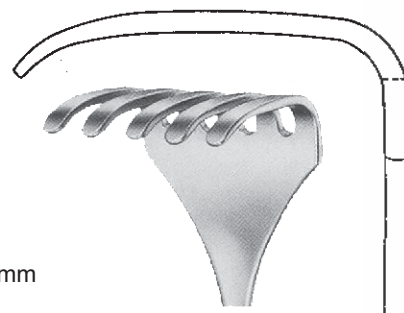
G^{RAND}
SURGICAL
INSTRUMENTS



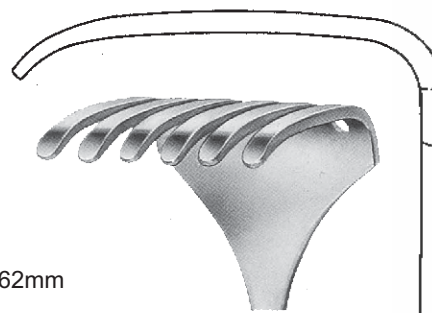
ISRAEL
255mm (10")1



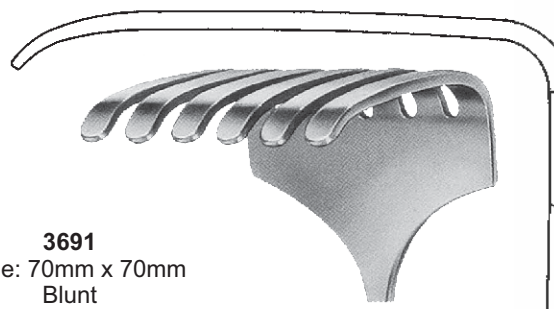
3688
Blade: 39mm x 40mm
Blunt



3689
Blade: 47mm x 51mm
Blunt



3690
Blade: 53mm x 62mm
Blunt



3691
Blade: 70mm x 70mm
Blunt



3697



3698



LEMPERT
225mm (9")

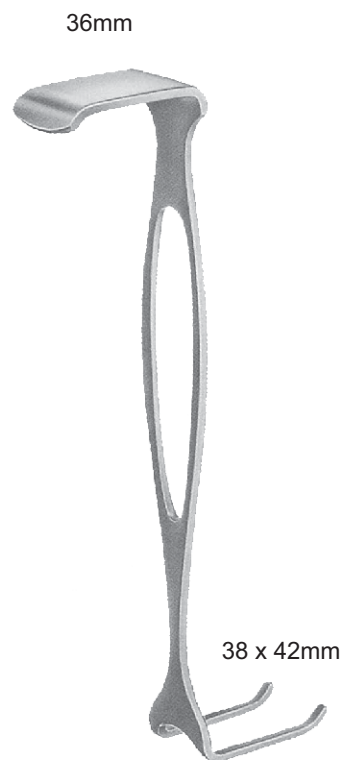
3692
Blade 9mm x 19mm
Sharp

3693
Blade 8.5mm x 19mm
Blunt



BALLANCE
225mm (9")

3694
Blade 9mm x 29mm
Sharp
3695
Blade 8.5mm x 29mm
Blunt



CZERNY

3696
175mm (7")

HAND HELD RETRACTORS

RAND
SURGICAL
INSTRUMENTS



3699



3701



3703



3705



3700



3702



3704



3706

165mm (6.1/2")
Small curve sharp

165mm (6.1/2")
Small curve blunt



3707



3709



3711



3713



3708



3710



3712



3714

165mm (6.1/2")
Large curve sharp

165mm (6.1/2")
Large curve blunt



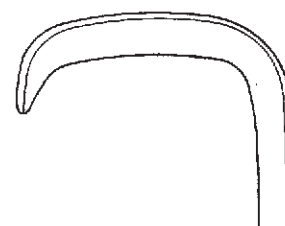


RICHARDSON
240mm (9.1/2")

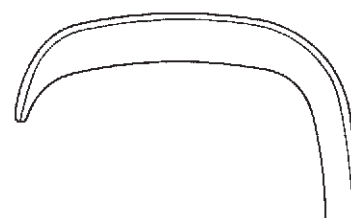
3715
Blade: 23mm x 20mm



3716
Blade: 30mm x 29mm



3717
Blade: 37mm x 37mm



3718
Blade: 47mm x 21mm

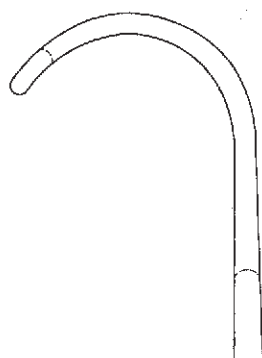
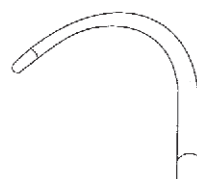
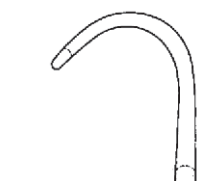


HAND HELD RETRACTORS

G^{RAND}
SURGICAL
INSTRUMENTS



MIDDELDORPF



DURHAM
215mm (8.1/2")

3722
Blade: 10mm

3723
Blade: 16mm



KOCHER

3724
250mm (10")
Blade: 67mm x 25mm



CUSHINGS VEIN RETRACTORS
250mm (10")



3725
Blade: 14mm x 11mm



3726
Blade: 18mm x 13mm



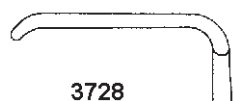
3727
Blade: 22mm x 15mm



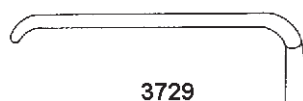
HAND HELD RETRACTORS



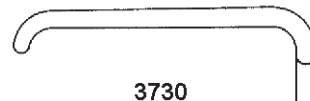
G^{RAND}
SURGICAL
INSTRUMENTS



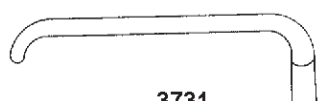
3728
Blade: 25mm x 6mm



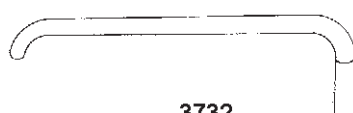
3729
Blade: 35mm x 8mm



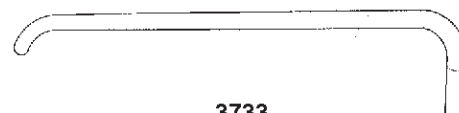
3730
Blade: 35mm x 11mm



3731
Blade: 35mm x 15mm



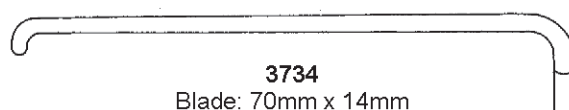
3732
Blade: 41mm x 11mm



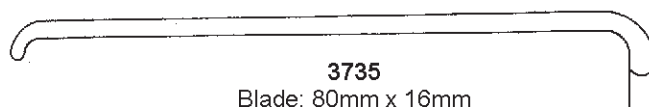
3733
Blade: 55mm x 11mm



LANGENBECK
215mm (8.1/2")



3734
Blade: 70mm x 14mm

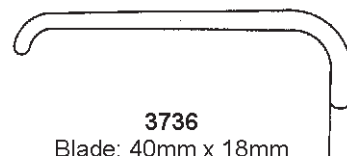


3735
Blade: 80mm x 16mm

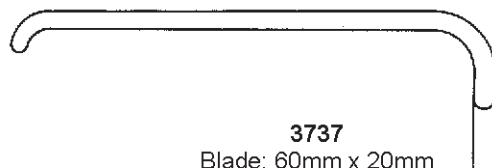




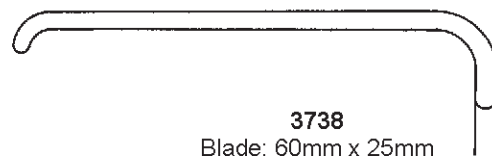
KOCHER
230mm (9")



3736
Blade: 40mm x 18mm



3737
Blade: 60mm x 20mm



3738
Blade: 60mm x 25mm



3739
Blade: 75mm x 30mm



3740
Blade: 75mm x 40mm

HAND HELD RETRACTORS

G^{RAND}
SURGICAL
INSTRUMENTS



DEAVER

3741
300mm (12")
Blade: 38mm wide

DEAVER

3742
310mm (12.1/4")
Blade: 50mm wide

DEAVER

3743
320mm (12.3/4")
Blade: 75mm wide



DEAVER GRIP

**No 1
3744**

310mm (12.1/4")
Blade: 25mm wide



DEAVER GRIP

**No 2
3745**

310mm (12.1/4")
Blade: 38mm wide



HAND HELD RETRACTORS



G^{RAND}
SURGICAL
INSTRUMENTS



DEAVER GRIP

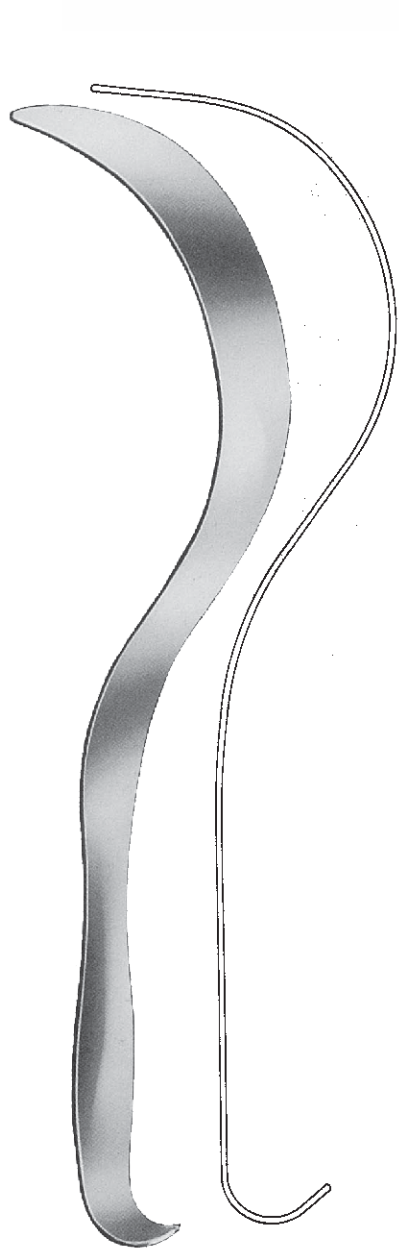
No 3
3746
302mm (12")
Blade: 50mm wide



DEAVER GRIP

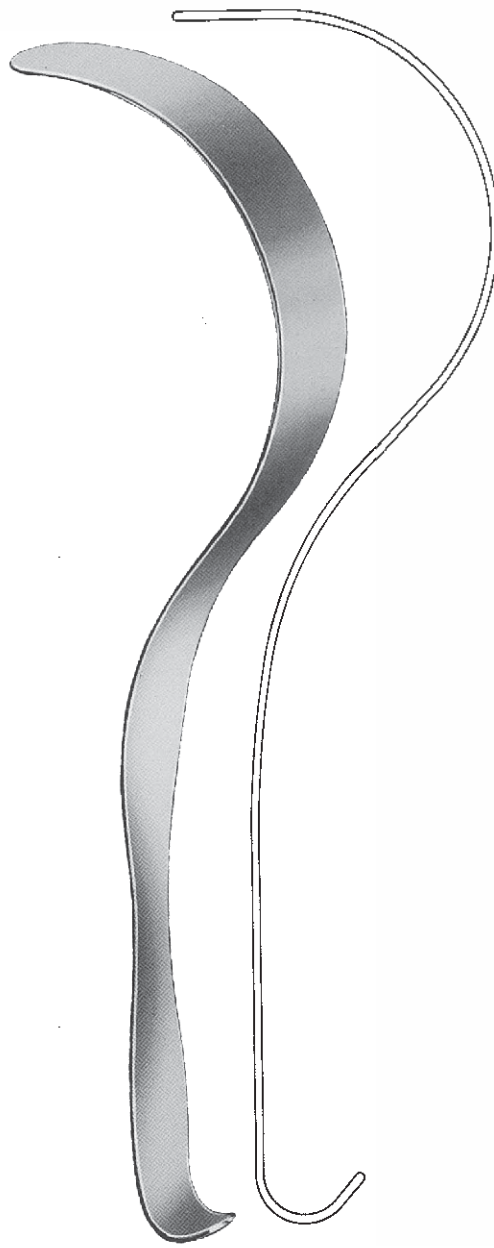
No 4
3747
310mm (12.1/4")
Blade: 75mm wide





DEAVER

3748
300mm (12")
Blade: 25mm wide



DEAVER

3749
315mm (12.1/2")
Blade: 25mm wide

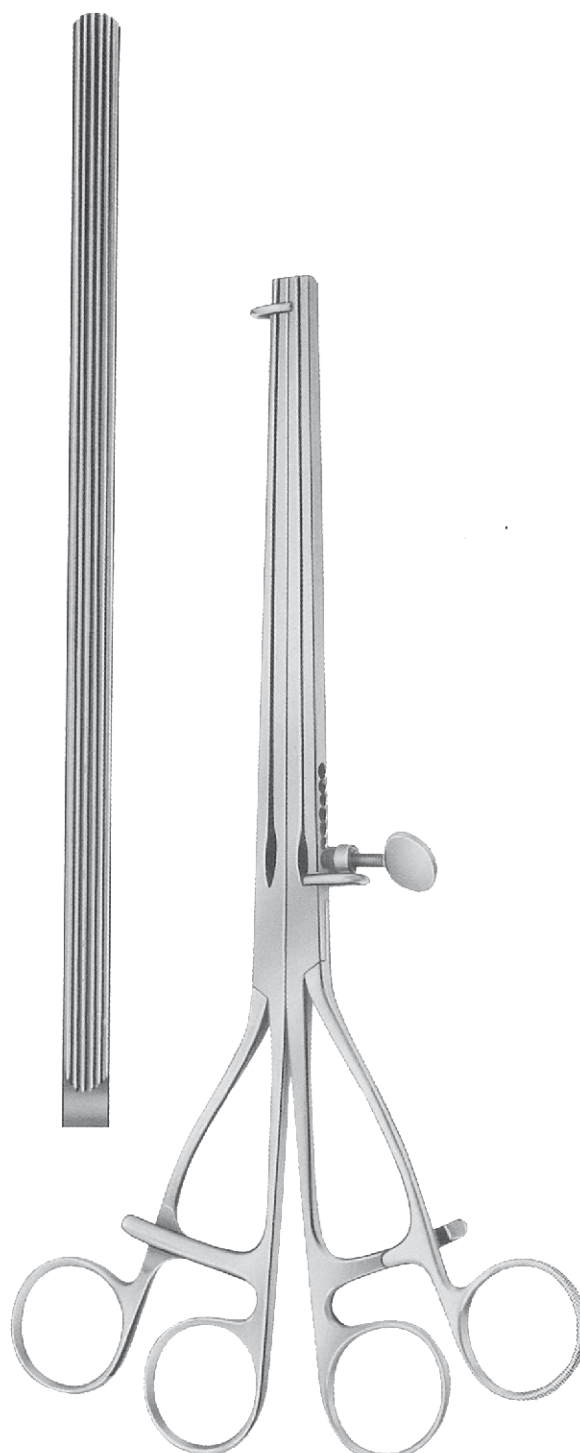
INTESTINAL CLAMPS

G^{RAND}
SURGICAL
INSTRUMENTS



LANE TWIN ANASTOMOSIS

3750
 300mm (12") Curved



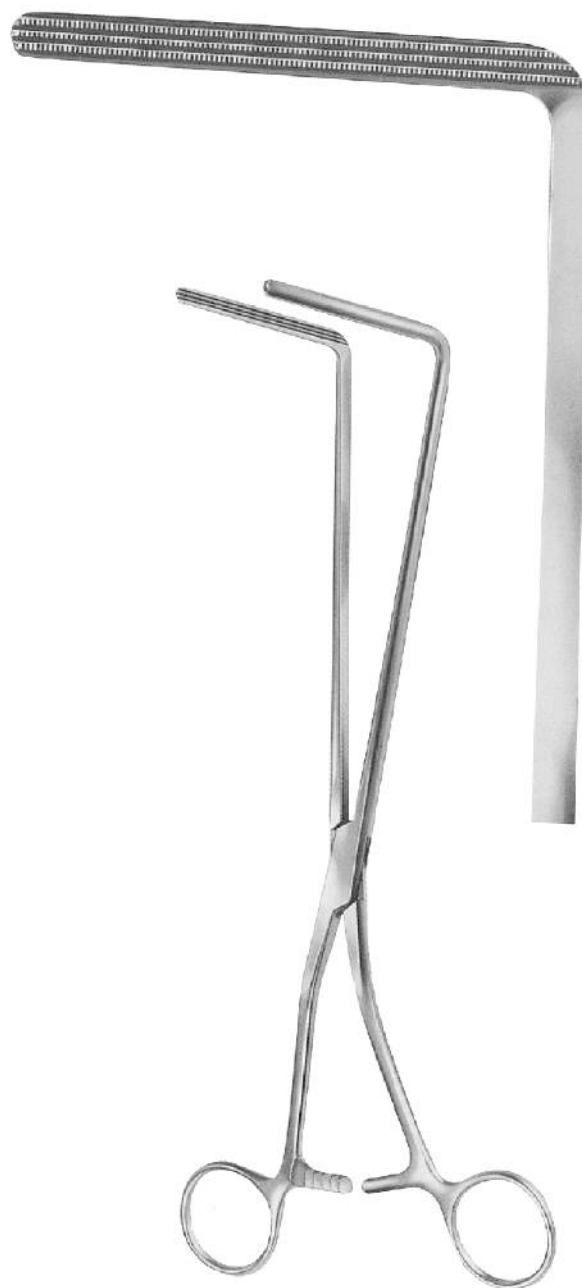
LANE TWIN ANASTOMOSIS

3751
 300mm (12") Straight



LLOYD DAVIS RECTAL OCCLUSION

3752
315mm (12.1/2")
Angleg



RESANO

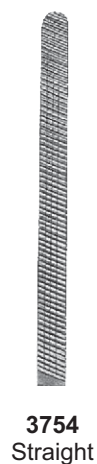
3753
265mm (10.1/2")
Colon resection clamp

INTESTINAL CLAMPS

G^{RAND}
SURGICAL
INSTRUMENTS



DOYEN
165mm (6.1/2")
Spring blades



3754
Straight



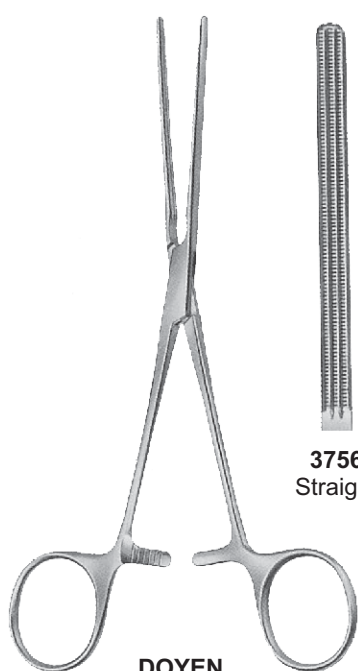
3755
Curved



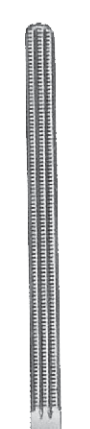
3758
Straight



3759
Curved



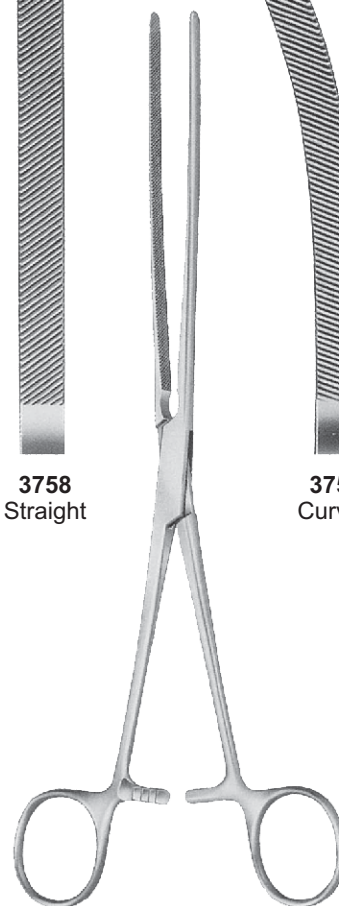
DOYEN
170mm (6.3/4")
Spring blades



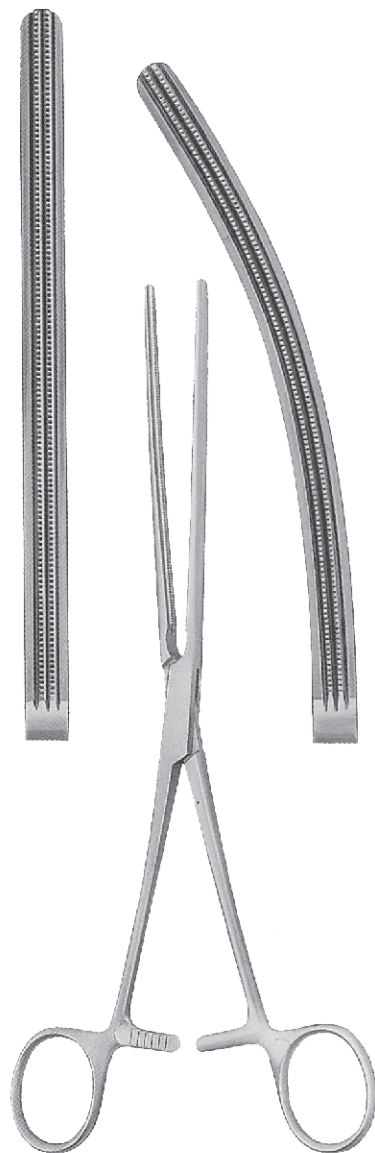
3756
Straight



3757
Curved



DOYEN
235mm (9.3/4")
Spring blades



DOYEN
230mm (9")
Spring blades

3760
Straight

3761
Curved



DOYEN (KOCHER)
Straight, light spring blade

3762
230mm (9")

3763
250mm (10")

3764
280mm (11")

3765
210mm (8.1/4")



DOYEN (MAYO ROBSON)
Curved, light spring blade

3766
230mm (9")

3767
250mm (10")

3768
280mm (11")

3769
210mm (8.1/4")

CHOLECYSTECTOMY AND GALL STONE FORCEPS

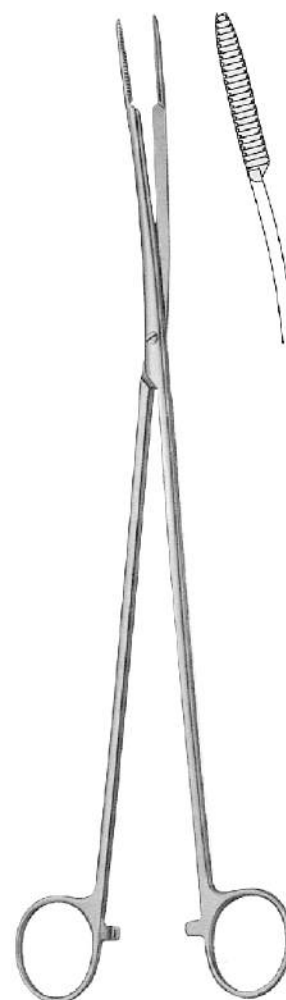
G^{RAND}
SURGICAL
INSTRUMENTS



BLAKE
3770
205mm (8")
Straight



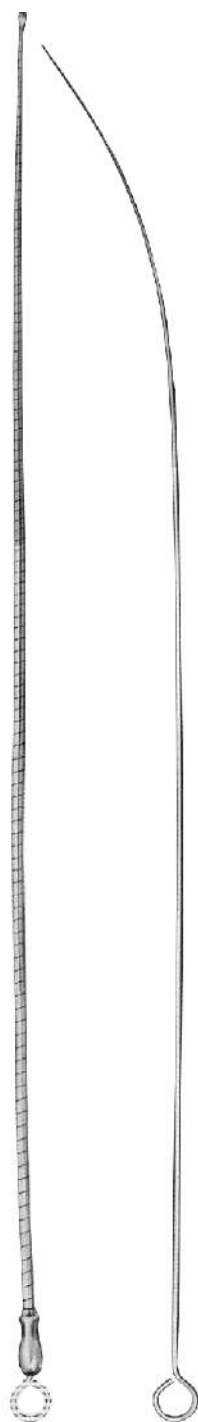
BLAKE
3771
205mm (8")
Curved



**DUCT DISSECTING / DILATING
FORCEPS**
3772
260mm (10.1/4")



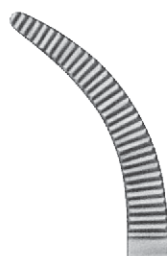
MOYNIHAN
3773
345mm (13.3/4")
Gall stone probe and scoop
malleable



OCHSNER
3774
400mm (16")
Gall duct probe flexible



DESJARDINS
285mm (11.1/4")
Gall duct probes, flexible



MIXSTER

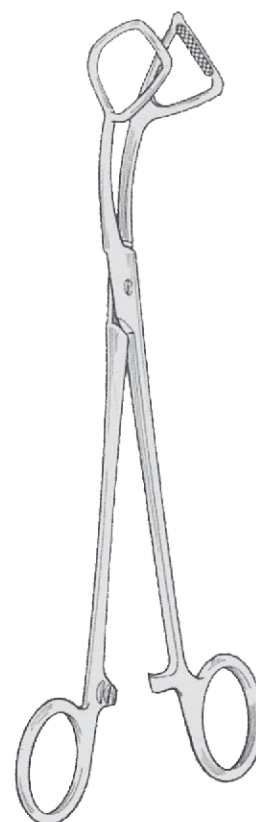
3778
220mm (8.3/4")

3779
250mm (10")



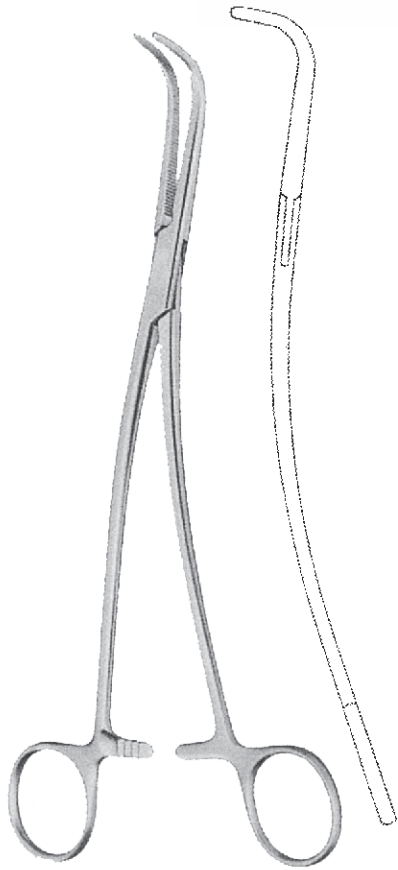
MOYNIHAN

3780
230mm (9")



**MOUAT GALL BLADDER
LIFTING FORCEPS**

3781
215mm (8.1/2")



GEARY GRANT

3782
230mm (9")
Large curved



LAHEY

3783
195mm (7.3/4")

3784
230mm (9")



LOWER

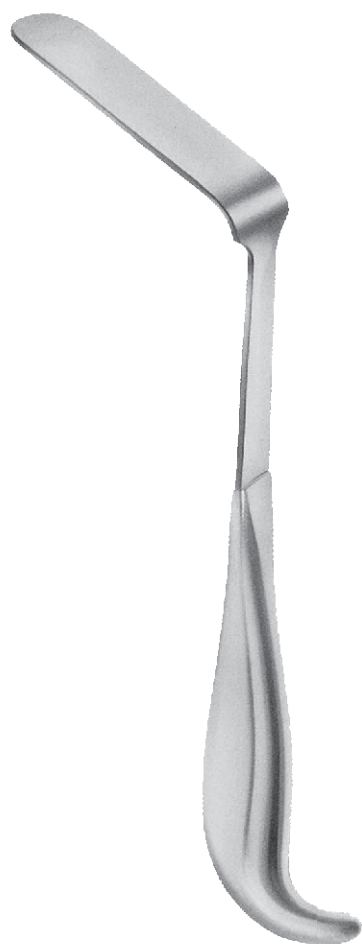
3785
180mm (7")



VAGINAL SPECULUM



G^{RAND}
SURGICAL
INSTRUMENTS



MODIFIED DOYEN

3786
250mm (10")
Blade: 80mm x 30mm
Lateral Speculum



SIMON

275mm (10.3/4")

3787

Blade: 115mm X 26mm

3788

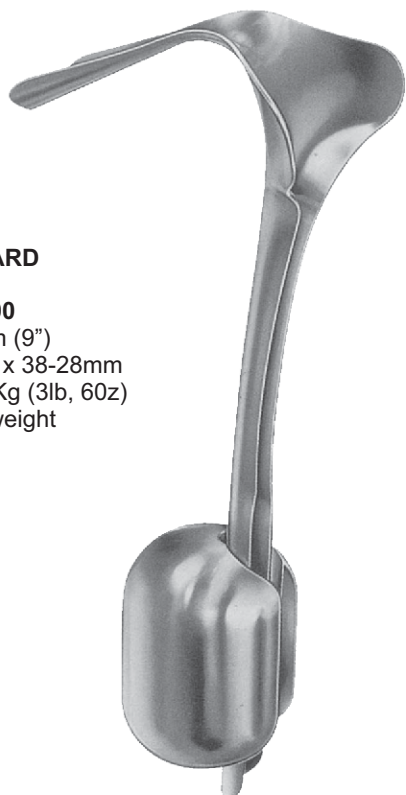
Blade: 115mm x 22mm

3789



AUVARD

3790
230mm (9")
Blade: 63mm x 38-28mm
Weight: 1.53 Kg (3lb, 60z)
Fixed weight

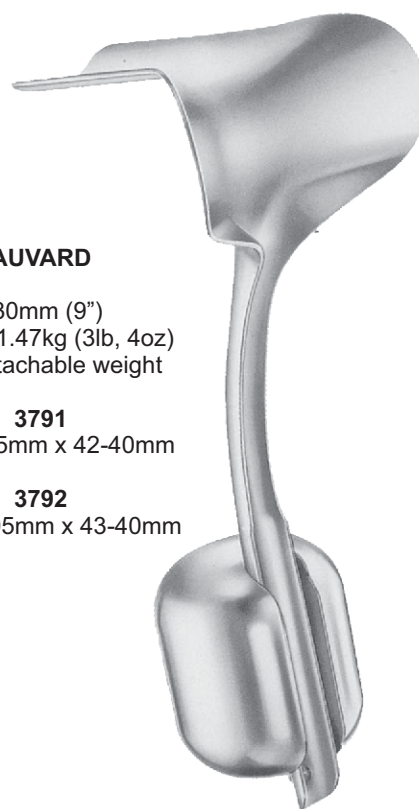


AUVARD

230mm (9")
Weight: 1.47kg (3lb, 4oz)
with detachable weight

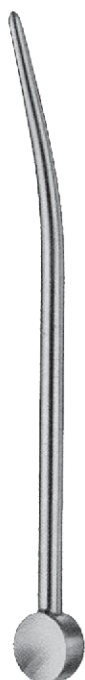
3791
Blade: 75mm x 42-40mm

3792
Blade: 105mm x 43-40mm



3793

3794	6mm
3795	7mm
3796	8mm
3797	9mm
3798	10mm
3799	11mm
3800	12mm
3801	13mm
3802	14mm
3803	15mm
3804	16mm
3805	17mm



HAWKIN AMBLER
170mm (6.3/4")
Cervix dilator

3806
Set of sixteen
consisting of one of
each of: 3791 to 3806

3807	2mm	3818	13mm	3829	8.5mm
3808	3mm	3819	14mm	3830	9.5mm
3809	4mm	3820	15mm	3831	10.5mm
3810	5mm	3821	16mm	3832	11.5mm
3811	6mm	3822	17mm	3833	12.5mm
3812	7mm	3823	2.5mm	3834	13.5mm
3813	8mm	3824	3.5mm	3835	14.5mm
3814	9mm	3825	4.5mm	3836	15.5mm
3815	10mm	3826	5.5mm	3837	16.5mm
3816	11mm	3827	6.5mm	3838	17.5mm
3817	12mm	3828	7.5mm		



HEGAR
185mm (7.1/4")
Cervix dilator



VAGINAL SPECULUM



G^{RAND}
SURGICAL
INSTRUMENTS

Lower blade

Upper blade

3839
175mm (7")
Blade:
70mm x 15mm

3843
175mm (7")
Blade:
70mm x 10mm

3840
180mm (7")
Blade:
70mm x 27mm

3844
180mm (7")
Blade:
75mm x 23mm

3841
180mm (7")
Blade:
75mm x 30mm

3845
180mm (7")
Blade:
80mm x 25mm

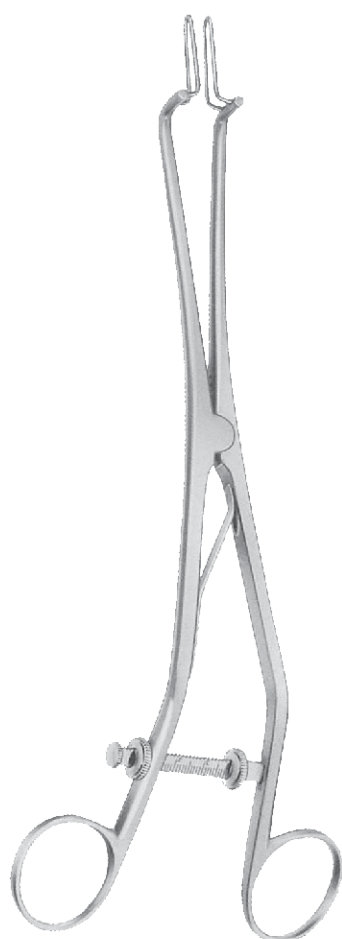
3842
185mm (7.1/4")
Blade:
90mm x 36mm

3846
185mm (7.1/4")
Blade:
100mm x 32mm

KRISTELLE

KRISTELLE





**KOGAN ENDOCERVICAL
SPECULUM**

3847
240mm (9.1/2")
Graduated



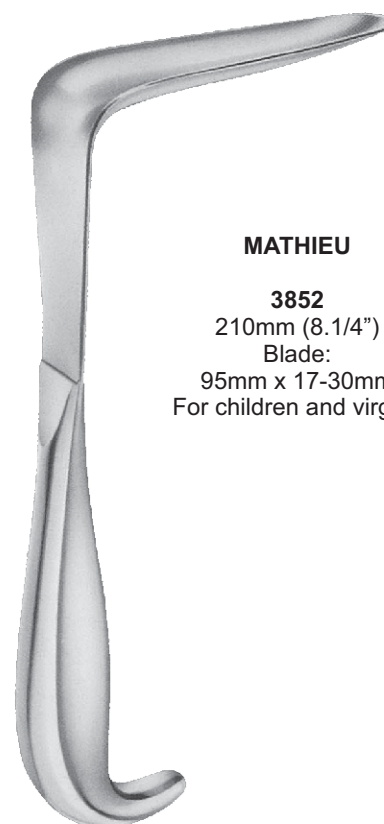
MODIFIED WERTHEIM
320mm (12.3/4")

3848
Blade: 100mm x 25mm

3849
Blade: 100mm x 30mm

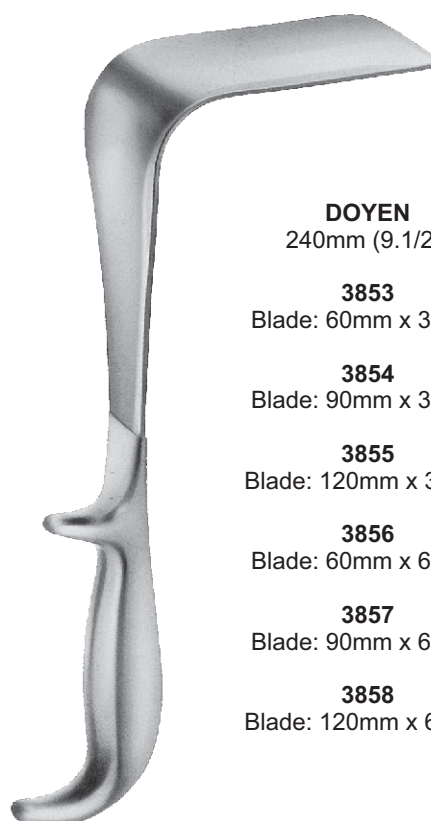
3850
Blade: 100mm x 35mm

3851
Blade: 100mm x 40mm



MATHIEU

3852
210mm (8.1/4")
Blade:
95mm x 17-30mm
For children and virgins



DOYEN
240mm (9.1/2")

3853
Blade: 60mm x 35mm

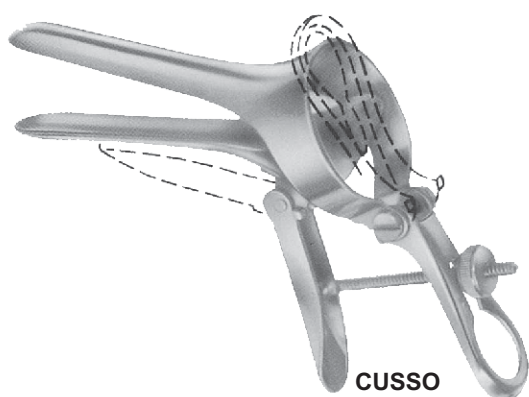
3854
Blade: 90mm x 35mm

3855
Blade: 120mm x 35mm

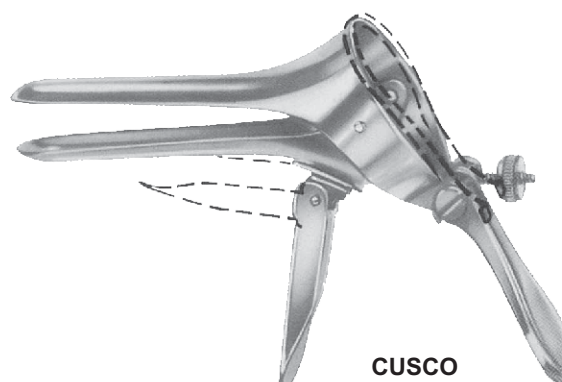
3856
Blade: 60mm x 60mm

3857
Blade: 90mm x 60mm

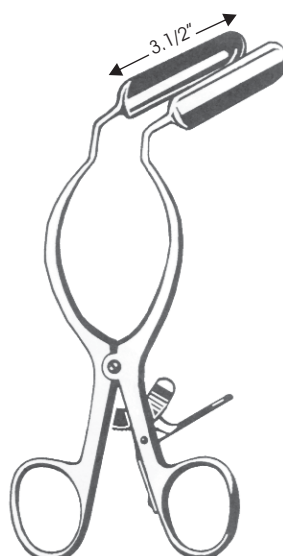
3858
Blade: 120mm x 60mm



CUSCO
3859
75mm x 17mm
Extra small for virgins



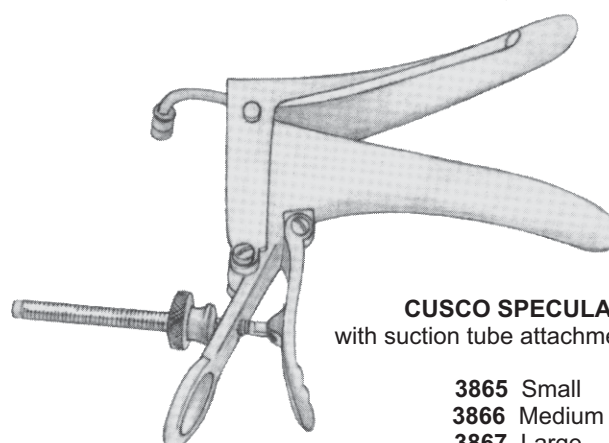
CUSCO
3860
75mm x 17mm
Extra small for virgins



**McGEE LATERAL
VAGINAL RETRACTOR**
with ratch handle
3861



CUSCO
3862 110mm x 37mm
3863 80mm x 32mm
3864 80mm x 24mm

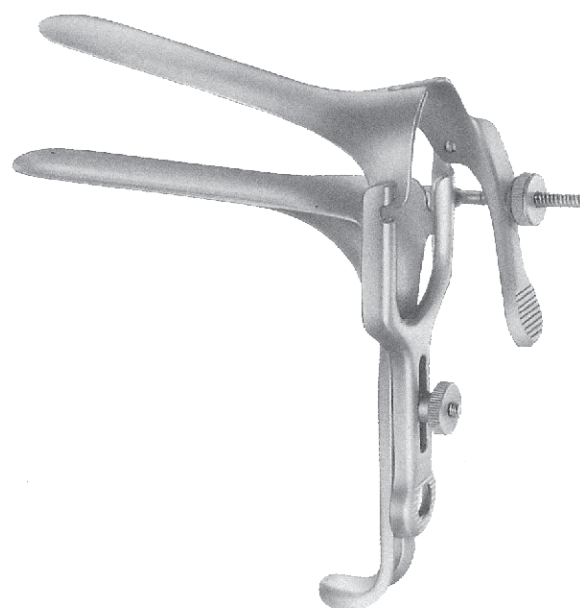


CUSCO SPECULAM
with suction tube attachment black
3865 Small
3866 Medium
3867 Large



GRAVE

3868 75mm x 20mm
3869 95mm x 30mm
3870 195mm x 33mm



PEDERSON

3871 100mm x 22 mm
3872 120mm x 25mm



SIMS

3873
125mm (5")
Small
70mm x 26mm
75mm x 30mm

3874
150mm (6")
Medium
75mm x 30mm
80mm x 35mm

3875
175mm (7")
Large
80mm x 36mm
90mm x 40mm

CLUTTON URETHRAL SOUNDS

265mm (10.1/2")

Set twelve **3876**

Set Comprising one of each of:

3877	6/10	f.g (2/3.33mm)
3878	8/12	f.g (2.66/4.66mm)
3879	10/14	f.g (3.33/4.66mm)
3880	12/16	f.g (4/5.33mm)
3881	14/18	f.g (4.66/6mm)
3882	16/20	f.g (5.33/6.66mm)
3883	18/22	f.g (6/7.33mm)
3884	20/24	f.g (6.66/8mm)
3885	22/26	f.g (7.33/8.66mm)
3886	24/28	f.g (8/9.33mm)
3887	26/30	f.g (8.66/9.33mm)
3888	28/32	f.g (9.33/10.66mm)


3892

12 f.g (4mm)

3893

8 f.g (2.66mm)

3894

10 f.g (3.33mm)

3895

14 f.g. (4.66mm)

3896

16 f.g. (5.33mm)


FEMALE CATHETERS

160mm (6.1/4")



**TURNER WARWICK (HEY GROVES)
URETHRAL STAFF**

3897
Black finish 180mm (7")



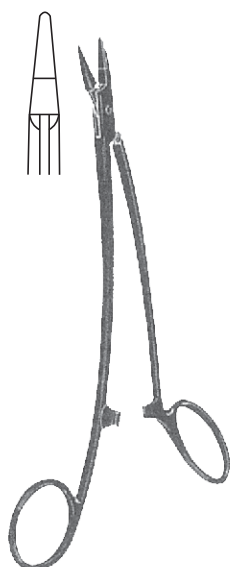
**TURNER WARWICK
DISSECTING SCISSORS**

Curved, with insulation shanks
and universal diathermy
attachment

3898
145mm (5.3/4")

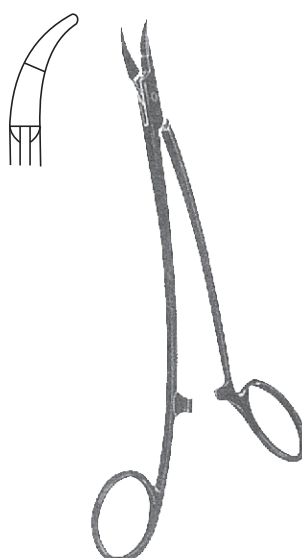
3899
180mm (7")

3900
230mm (9")



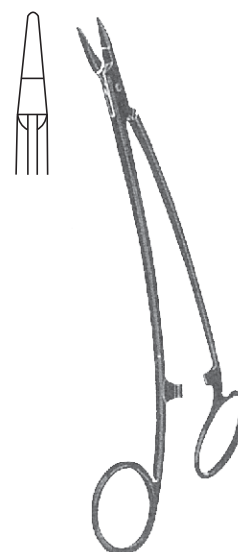
**TURNER WARWICK
NEEDLE HOLDER**

3901
Straight, right hand model,
black finish 215mm (8.1/2")



**TURNER WARWICK
NEEDLE HOLDER**

3902
Curved, right hand model,
black finish 215mm (8.1/2")



**TURNER WARWICK
NEEDLE HOLDER**

3903
Straight, left hand model,
black finish 215mm (8.1/2")



3905
Double ended
4/9 f.g and 7/12 f.g
1.33/3mm and 2.33/4mm



3906
Double ended
10/15 f.g and 13/18 f.g
3.33/5mm and 4.33/6mm



3907
Double ended
16/21 f.g and 19/24 f.g
5.33/7mm and 6.33/8mm



3908
Double ended
22/27 f.g and 25/30 f.g
7.33/9mm and 8.33/10mm

**TURNER - WARWICK METAL
DILATORS**

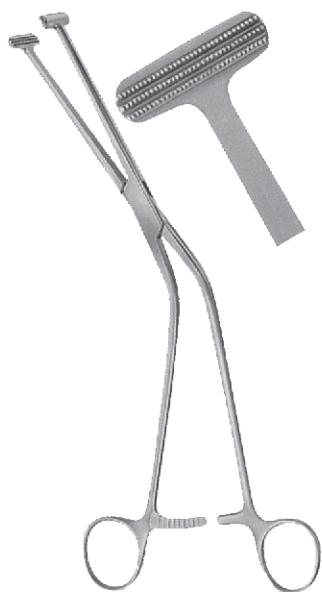
3904

Set of comprising of:

- 1 x 3905
- 1 x 3906
- 1 x 3907
- 1 x 3908
- 1 x 3909



3909
Double ended
28/33 f.g and 31/36 f.g



MILLIN
3910
235mm (9.1/4")
Lobe grasping forceps



MILLIN
3911
245mm (9.3/4")
Lobe grasping forceps



MILLIN
3912
240mm (9.1/2")
Bladder neck
spreader



**CUNNINGHAM
PENILE CLAMPS**
With foam rubber lining

3913
Small

3914
Medium

3915
Large



**THOMPSON-WALKER
PENILE CLAMP**

3916
115mm (4.1/2")

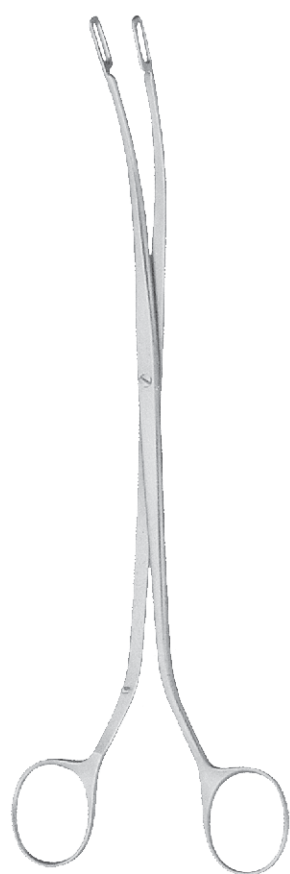
MOULDED RUBBER SHEATHS

3917



PENILE CLAMP

3918
130mm (5.1/8")



RANDALL
Renal Calculus Forceps

3919
A
230mm (9")



3920
B
200mm (8")



3921
C
195mm (7.3/4")



3922
D
180mm (7")



BLADDER SPATULA

3923
235mm (9.3/4")
Blade: 91mm x 61mm



MILLIN

3924
245mm (9.3/4")
Ligature holding forceps



**GABRIEL METAL AND GLASS
SYRINGE SET**

Consisting of

- 3925 Gabriel needle, straight
- 3926 Gabriel needle, angled
- 3927 Gabriel syringe, 10ml



GABRIEL NEEDLES
Diameter: 0.9mm

- 3928**
75mm (3")
Straight

- 3929**
100mm (4")
straight

- 3930**
100mm (4")
Angled

GABRIEL SYRINGES

- 3931**
3ml

- 3932**
10ml

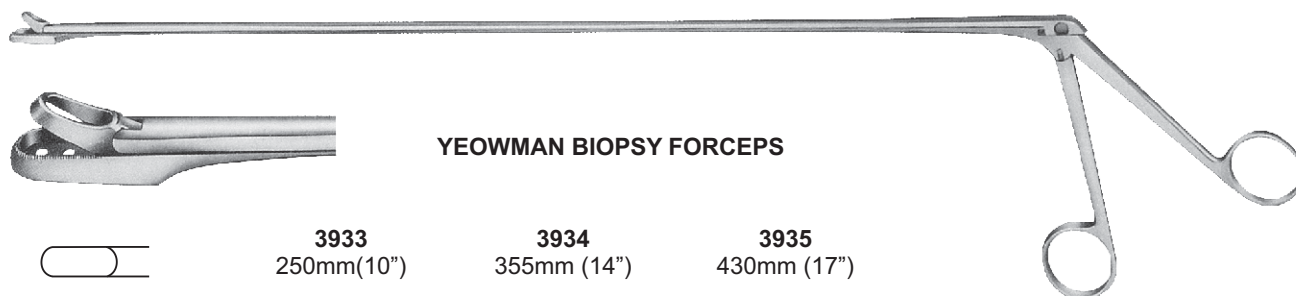


**GABRIEL METAL AND GLASS
SYRINGE SET**

- 3928** Gabriel needle, straight
- 3929** Gabriel needle, straight
- 3930** Gabriel needle, angled
- 3931** Gabriel syringe, 3ml
- 3932** Gabriel syringe, 10ml

PROCTOLOGY HAEMORRHOIDAL IGATORS

G
RAND
SURGICAL
INSTRUMENTS



BARRON HAEMORRHOID LIGATOR SET

3936
Set consisting of

3937 Stem
3938 "O" Ring
3939 Conical loader for
"O" Ring

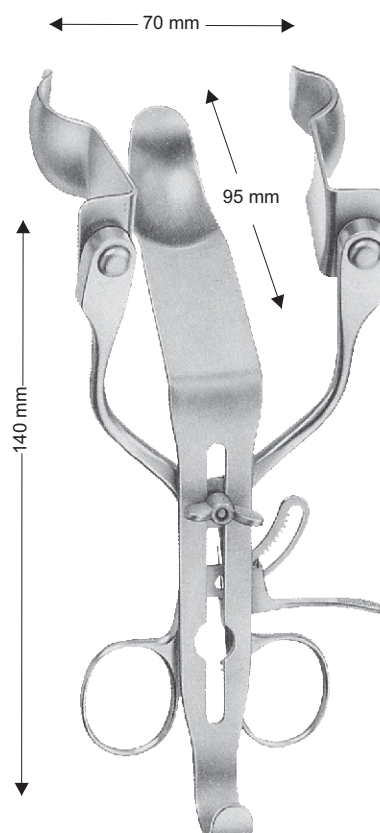
3940 universal Handle

3941
215mm (8.1/2")
Stem Only

3942
Pack of 300
"O" Rings

3943
Conical loader only

3944
Universal handle

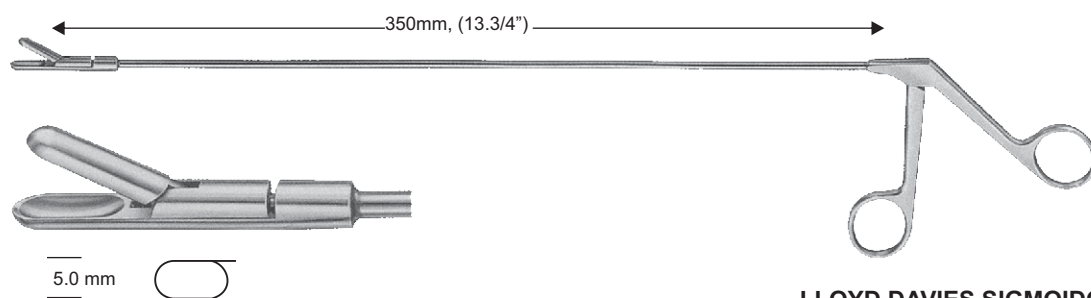


PARK ANAL AND SPHINCTERECTOMY RETRACTOR

3945
Complete with:
Centre Blade: 95mm
Pair Blades: 70mm 3923
Pair Blades: 93mm 3924

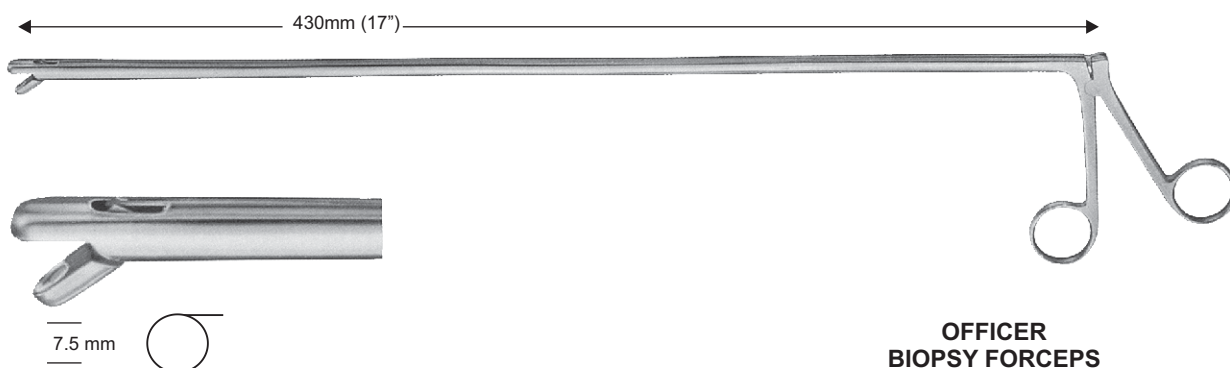
3946
Spare Blades 70mm

3947
Spare Blades 93mm



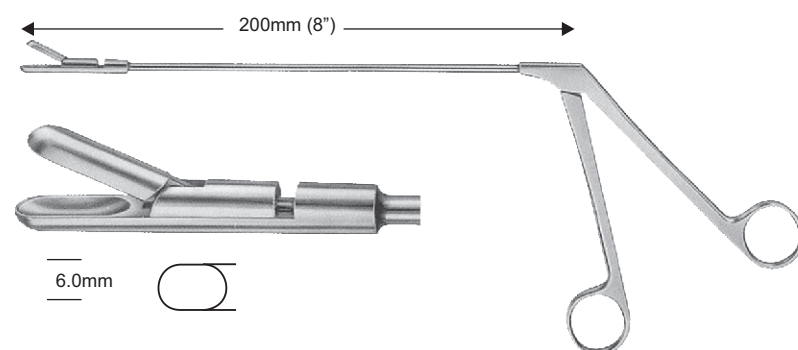
**LLOYD DAVIES SIGMOIDOSCOPE
BIOPSY FORCEPS**

3948
350mm (13.3/4")



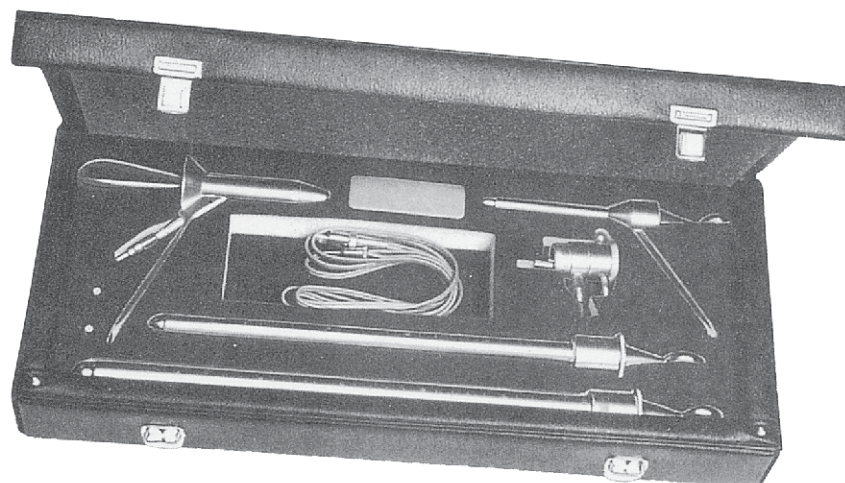
**OFFICER
BIOPSY FORCEPS**

3949
430mm (17")
Jaws 8mm



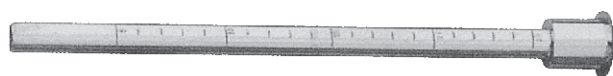
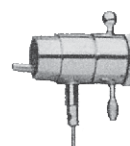
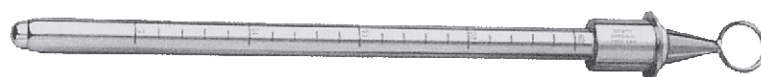
**WALTON RECTAL
BIOPSY FORCEPS**

3950
200mm (8")
Laterally angled shanks



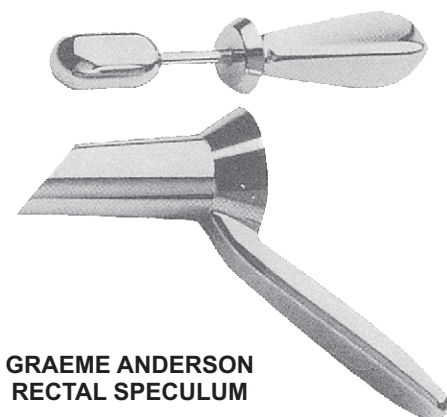
**LLOYD DAVIES (ST MARKS PATTERN)
MAJOR SIGMOIDOSCOPE AND
PROCTOSCOPE SET**

3951
Set of consisting
Naunton Morgan Rectal Speculum (17mm)
Lloyd Davies Proctoscope (10mm)
Fibre light carrier
Lloyd Davies Sigmoidoscope (16mm)
Lloyd Davies Sigmoidoscope (20mm)
Case



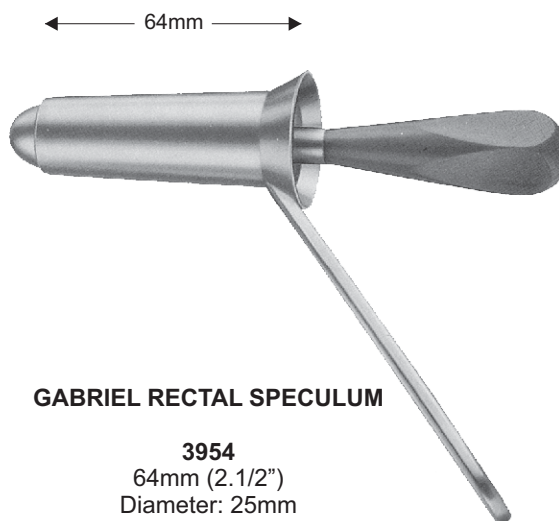
**LLOYD DAVIES (ST MARKS PATTERN)
COMBINATION SIGMOIDOSCOPE SET**

3952
Consisting of
Fibre light carrier
Lloyd Davies Sigmoidoscope (16mm)
Lloyd Davies Sigmoidoscope (20mm)
Case



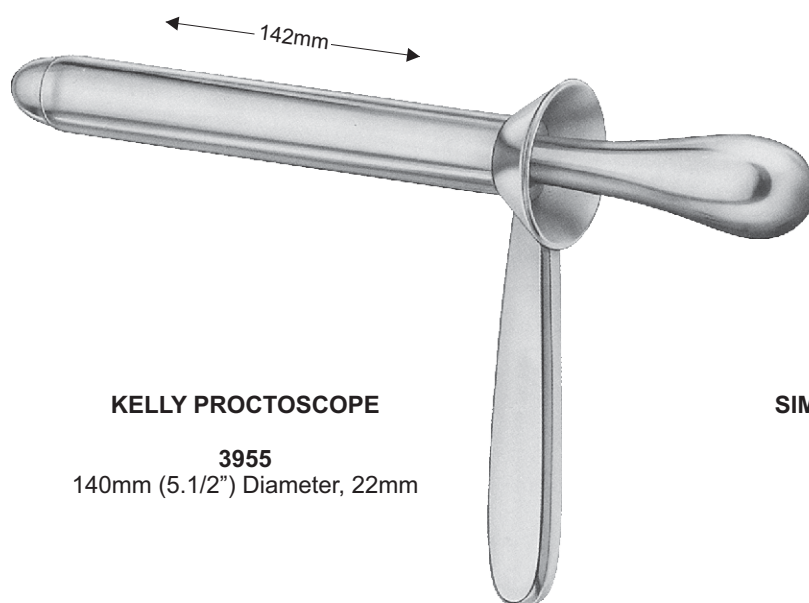
**GRAEME ANDERSON
RECTAL SPECULUM**

3953
190mm (7.1/2")
Diameter: 19mm



GABRIEL RECTAL SPECULUM

3954
64mm (2.1/2")
Diameter: 25mm



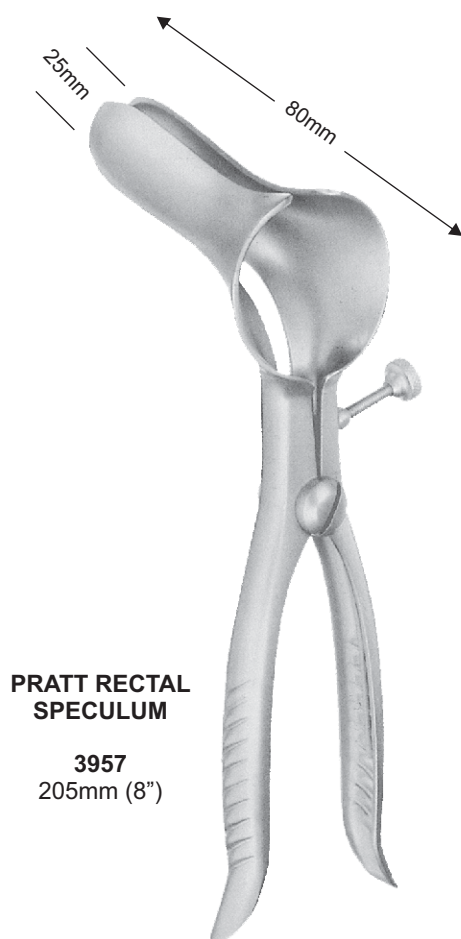
KELLY PROCTOSCOPE

3955
140mm (5.1/2") Diameter, 22mm



SIMS RECTAL SPECULUM

3956
160mm (6.1/4")



PRATT RECTAL SPECULUM

3957
205mm (8")



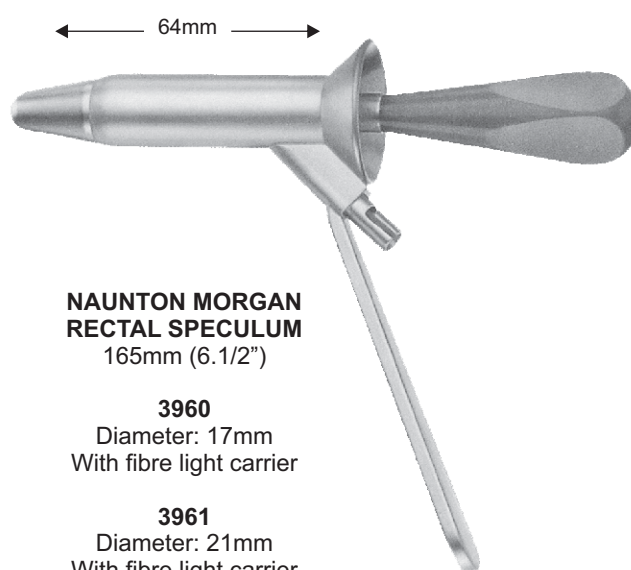
CZERNY RECTAL SPECULUM

3958
225mm (9")



MCEVEDY RECTAL SPECULUM WITH BATTERY HANDLE

3959
150mm (6") Diameter: 27mm



NAUNTUN MORGAN RECTAL SPECULUM
165mm (6.1/2")

3960
Diameter: 17mm
With fibre light carrier

3961
Diameter: 21mm
With fibre light carrier

3962
Diameter: 24mm
With fibre light carrier



3963



3964



3965



3966



3967



**GWILLIAM
HYSTERECTOMY**
200mm (8")

3963
Straight

3964
Curved



**HEANY
HYSTERECTOMY FORCEPS**
200m (8")

3965
Curved, single tooth

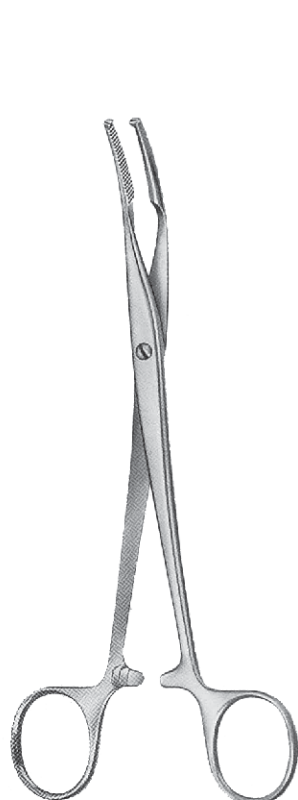
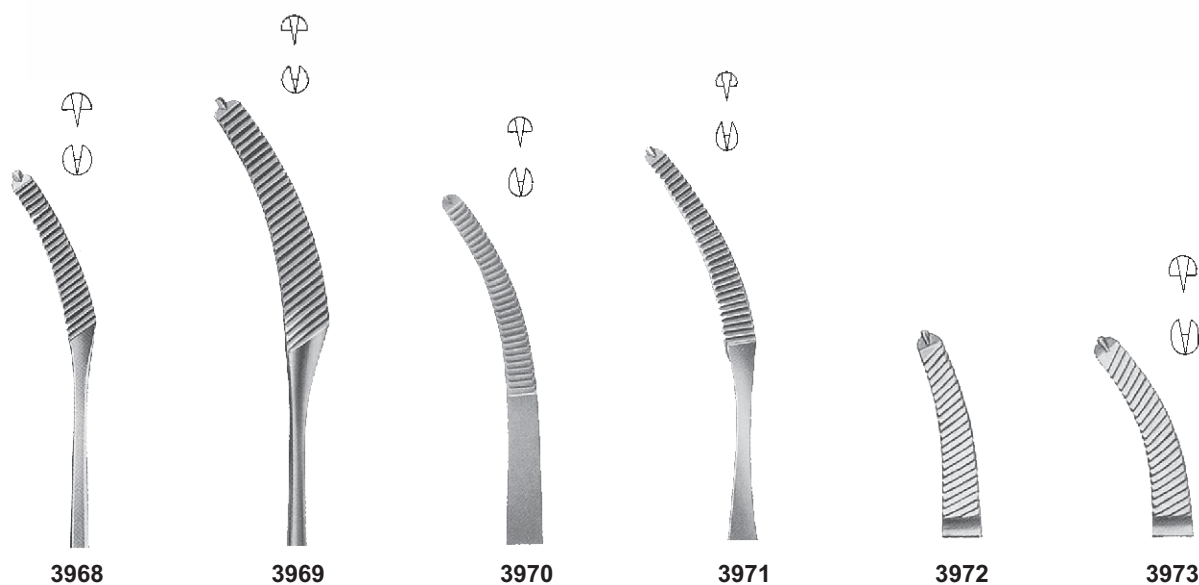


HEANY
3966
205mm (8")

3967
245cm (9.3/4")

PERITONEUM INSTRUMENTS

G^{RAND}
SURGICAL
INSTRUMENTS



MIKULICZ
3968
180mm (7")

3969
205mm (8")



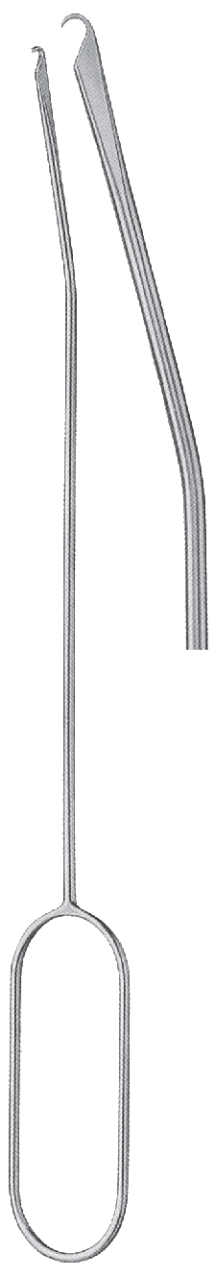
PEROTONEUM
3970
205mm (8")

3971
205mm (8")



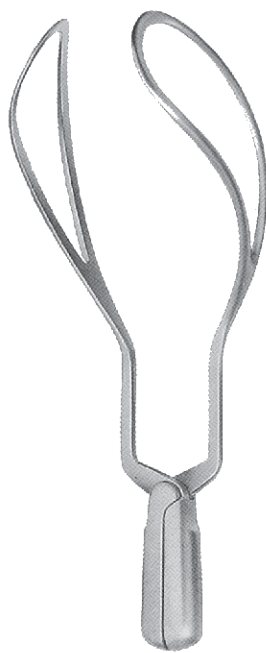
FAURE
3972
205mm (8")

3973
205mm (8")



I.U.D. REMOVING HOOK

3974
320mm (12.1/2")



WRIGLEY

3975
250mm (10")

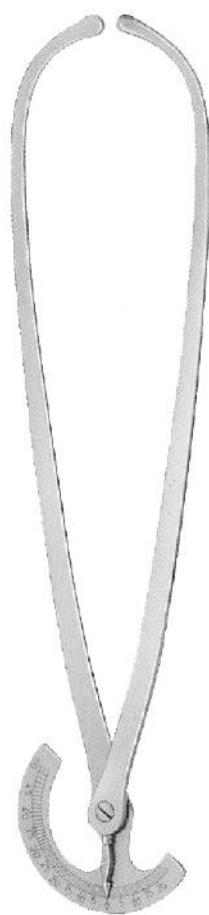


KIELLAND

3976
402mm (16.3/4")



BARNES
3977
410mm (16")
With Simpson handles and
Neville axis traction rod



**FRENCH MODEL
PELVIMETER**
3978
330mm (13")
External and internal
Graduated to 50 and
22cms



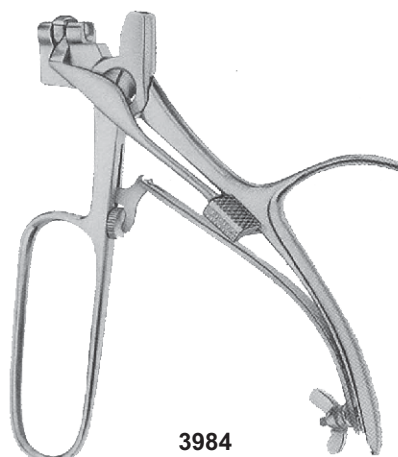
**VACUME
EXTRACTION
SUCTION HEAD**
3979 40mm
3980 50mm
3981 60mm



AMNIOTOME
3982
240mm (9.1/2")



3983
140mm (5.1/2")
Pistol Grip

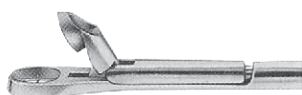


3984
140mm (5.1/2")
Pistol grip

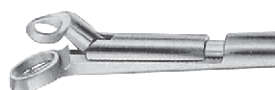


Shaft only
3985 200mm (8")
3986 250mm (10")

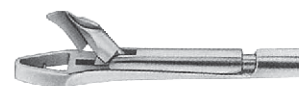
Biopsy cutting



3987 ⊕



3989 ⊕

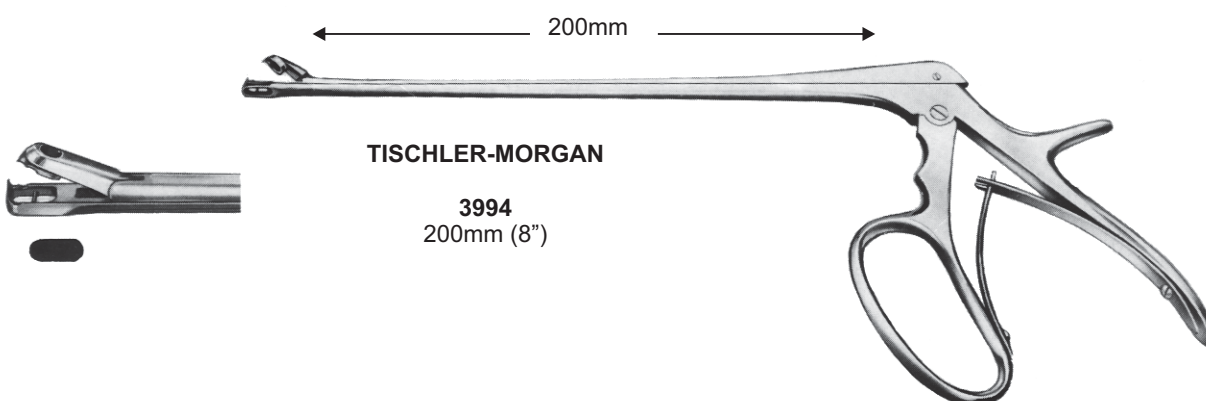
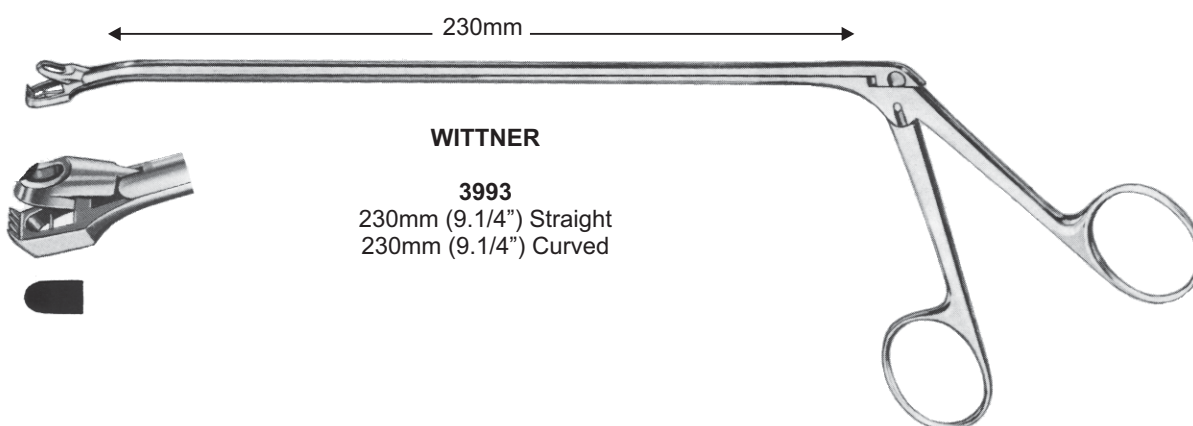
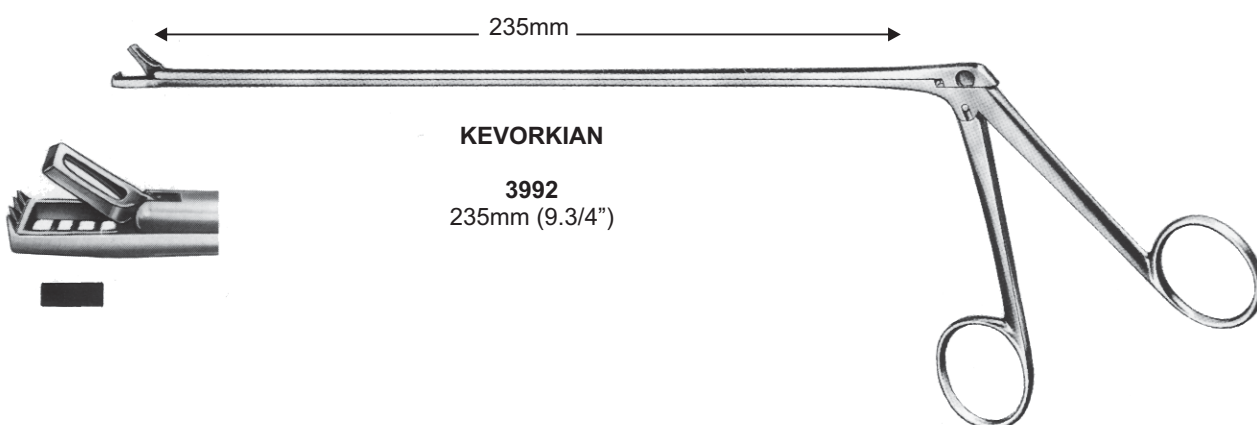
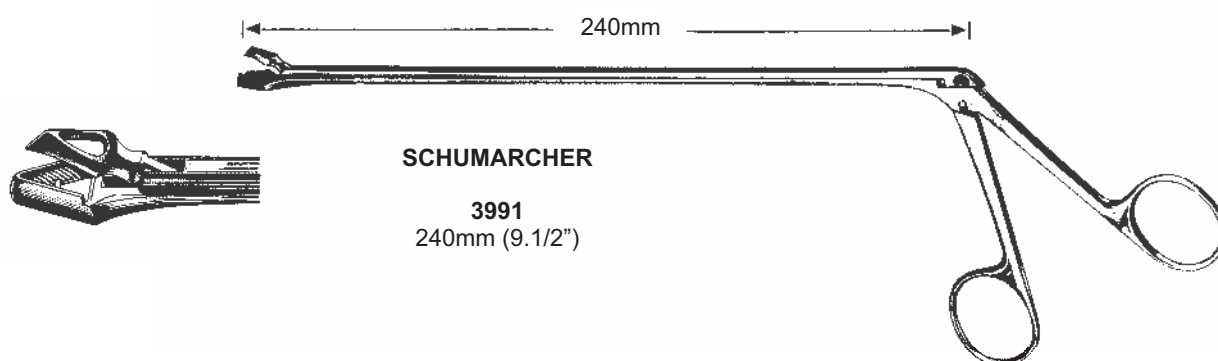


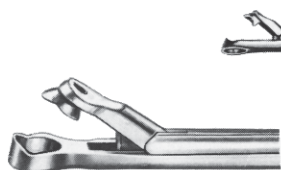
3990 △

3988 ⊕

CERVICAL BIOPSY FORCEPS

G
RAND
SURGICAL
INSTRUMENTS

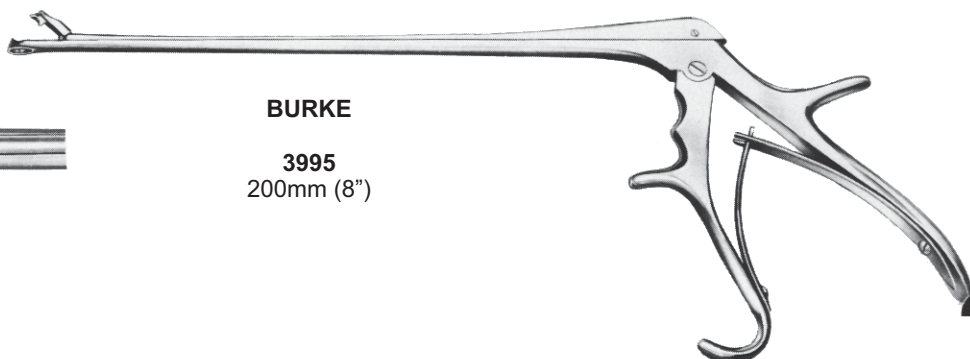




OVAL
7 x 5 mm

BURKE

3995
200mm (8")



TISHLER-MORGAN

Fig.1

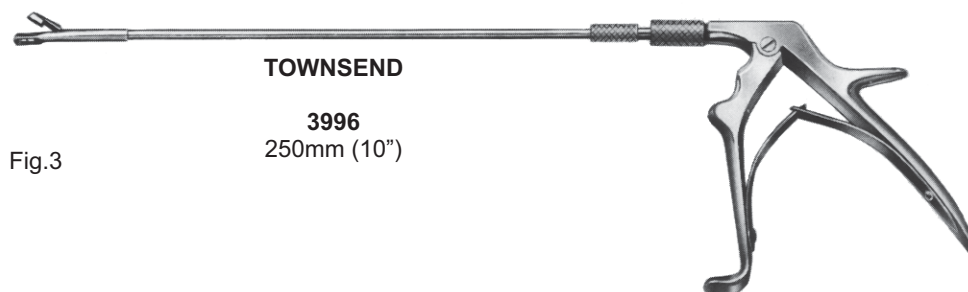


OVAL
3.7 x 5mm

Fig.3

TOWNSEND

3996
250mm (10")



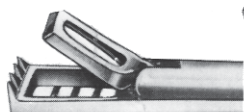
MINI

Fig.5



KEVORKIAN

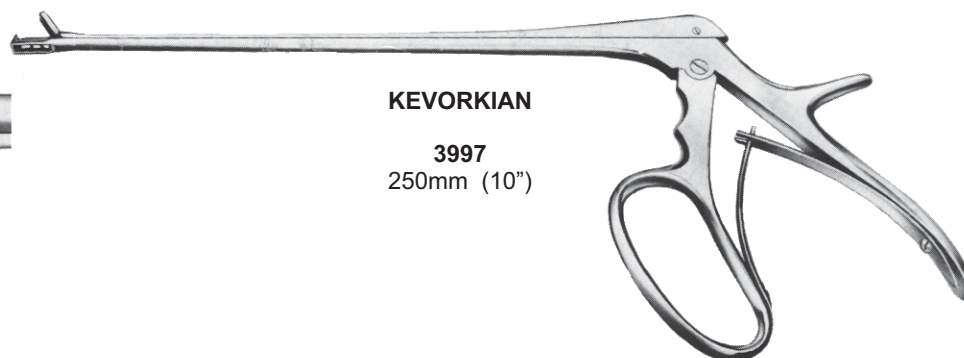
Fig.4

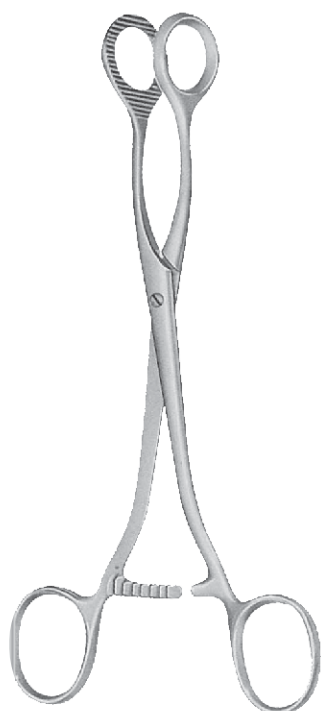
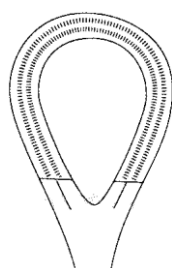


3 x 8 mm

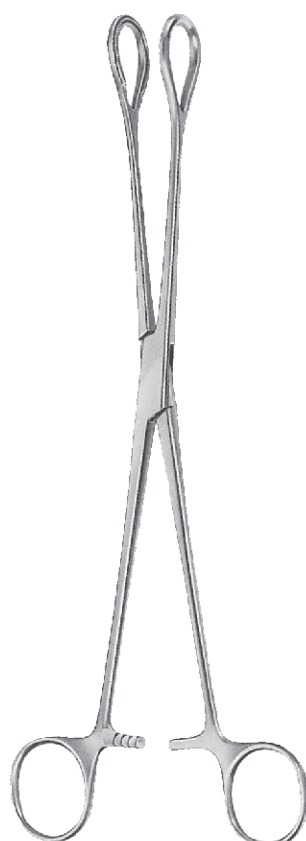
KEVORKIAN

3997
250mm (10")





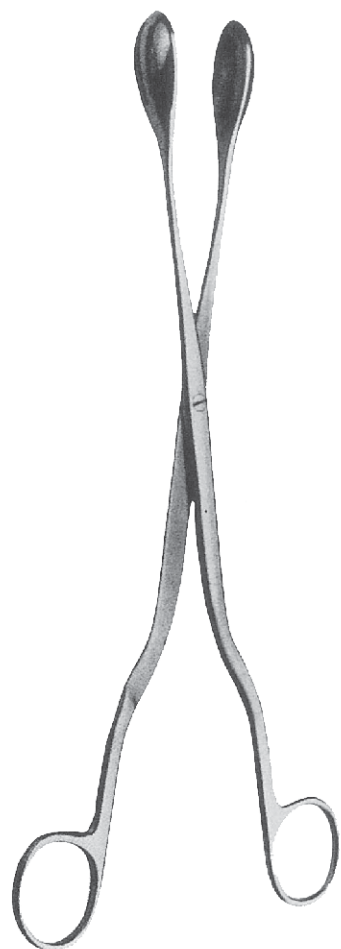
DOYEN
3998
185mm (7.1/4")



3999
250mm (10")

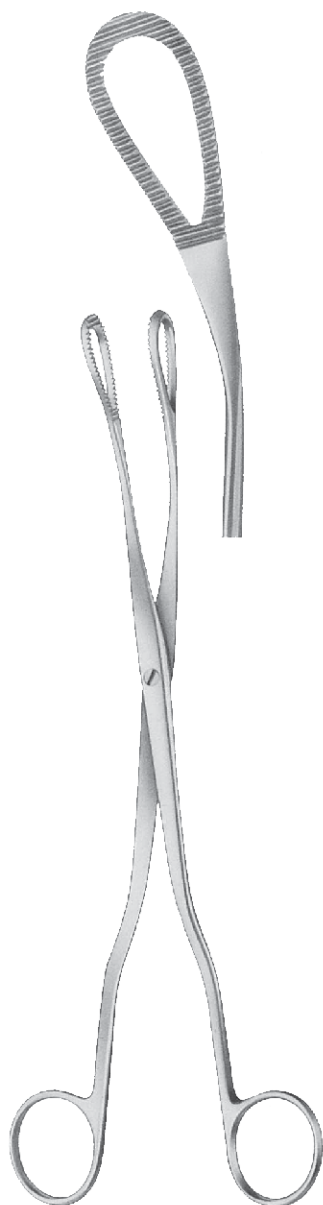


BONNEY POLYPI
4000
240mm (9.1/2")



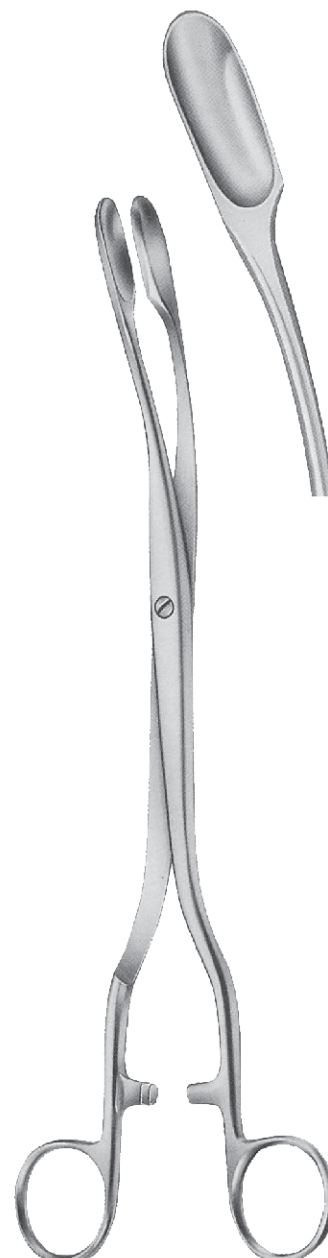
HEYWOOD SMITH

4001
240mm (9.1/2")



MCLINTOCK

4002
240mm (9.1/2")



NOTO

4003
280mm (11")



TUFNOL Mallet
250mm (10")

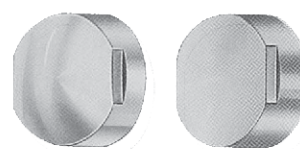
4004
Diameter: 35mm

4005
Diameter: 42mm

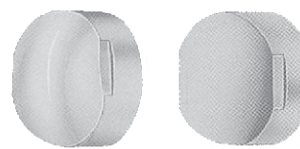
4006
Diameter: 50mm



4007
230mm (9")
Diameter: 35mm



4008
One metal disk, flat
One metal disk, convex



4009
One plastic disk, flat
One Plastic disk, Convex



4010
Wrench



LUCAE

4011
Diameter: 27mm
8.1/2 oz



KELSEY FRY

4012
190mm (7.1/2")
Diameter: 20mm

SPARE DISKS

4013
Spare disks for
Kelsey-Fry Mallet



HEATH

4014
Diameter: 25mm
28 oz

4015
Diameter: 40mm
36 oz

OSTEOTOMES, CHISELS & GOUGES

G
RAND
SURGICAL
INSTRUMENTS



**SWEDISH MODEL
CHISELS**
200mm (8")
Straight

- 4016**
Width: 10mm
- 4017**
Width: 15mm
- 4018**
Width: 20mm
- 4019**
Width: 25mm
- 4020**
Width: 30mm

CAPENER CHISELS
255mm (10")
With Tufnal Handle
Straight

- 4021**
Width: 6mm
- 4022**
Width: 8mm
- 4023**
Width: 10mm
- 4024**
Width: 12mm
- 4025**
Width: 15mm
- 4026**
Width: 20mm
- 4027**
Width: 25mm
- 4028**
Width: 30mm

CAPENER CHISELS
255mm (10")
With Tufnal Handle
Curved

- 4029**
Width: 6mm
- 4030**
Width: 8mm
- 4031**
Width: 10mm
- 4032**
Width: 12mm
- 4033**
Width: 15mm
- 4034**
Width: 20mm
- 4035**
Width: 25mm
- 4036**
Width: 30mm

**SWEDISH MODEL
OSTEOTOME**
200mm (8")
Straight

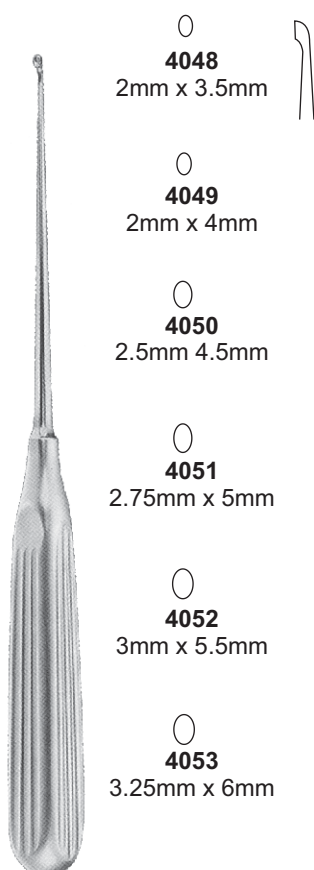
- 4037**
Width: 10mm
- 4038**
Width: 15mm
- 4039**
Width: 20mm
- 4040**
Width: 25mm
- 4041**
Width: 30mm

**SMITH-PETERSON
OSTEOTOME**
200mm (8")
Straight

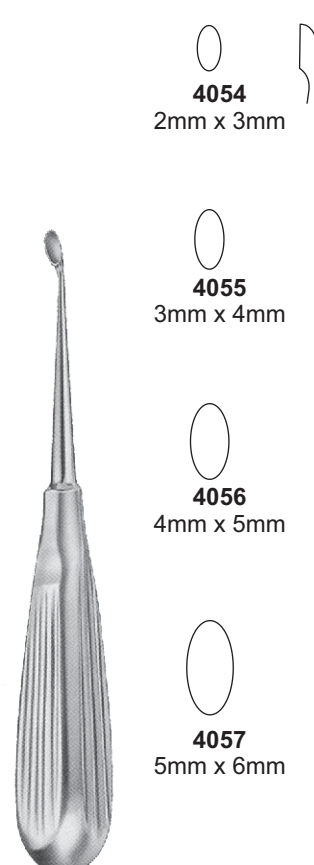
- 4042**
Width: 10mm
- 4043**
Width: 15mm
- 4044**
Width: 20mm
- 4045**
Width: 25mm
- 4046**
Width: 30mm



MARTINI
4047
140mm (5.1/2")



LEMPERT
200mm (8")*



COLLIER AND MORRIS
180mm (7")

4048
2mm x 3.5mm

4049
2mm x 4mm

4050
2.5mm 4.5mm

4051
2.75mm x 5mm

4052
3mm x 5.5mm

4053
3.25mm x 6mm

4054
2mm x 3mm

4055
3mm x 4mm

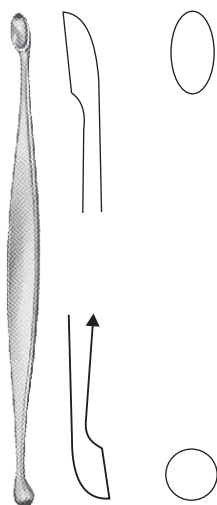
4056
4mm x 5mm

4057
5mm x 6mm

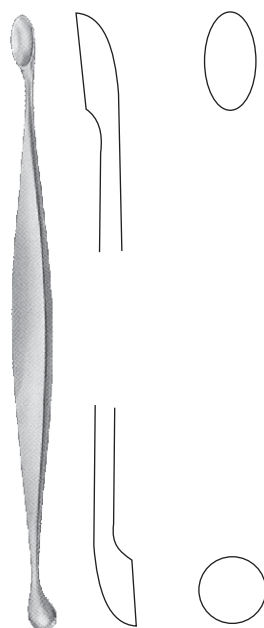


VOLKMANN
170mm (6.3/4")

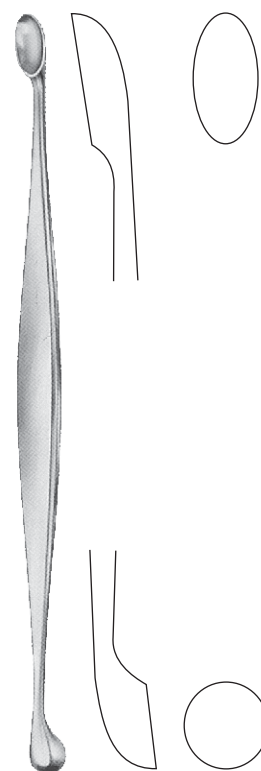
2.8mm	3.6mm	4.4mm	5.2mm	6.8mm
4058	4059	4060	4061	4062
8.5mm	10mm	11.5mm	13mm	14.5mm
4063	4064	4065	4066	4067



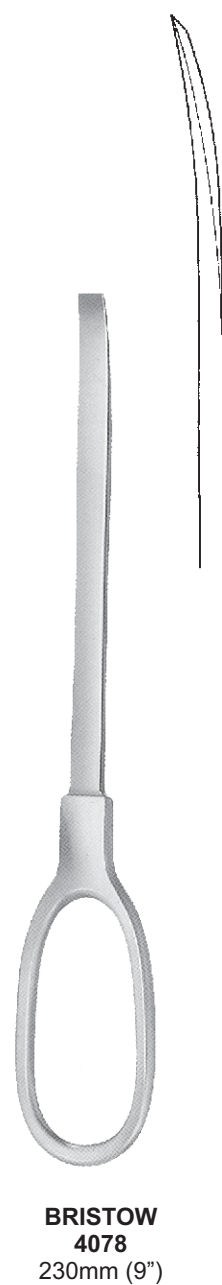
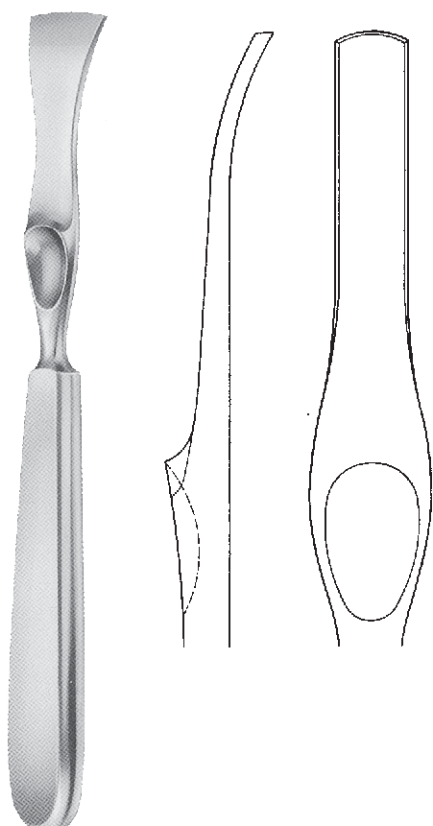
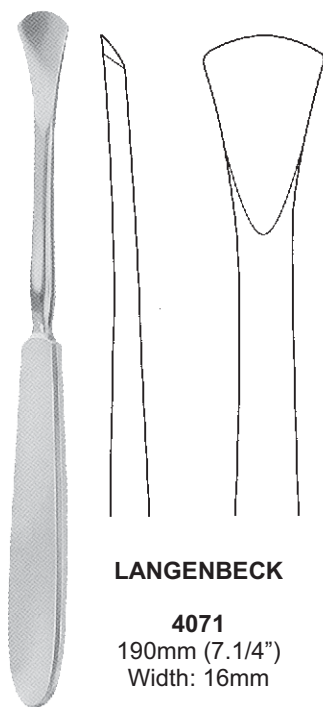
BOYD
BONE CURETTE
Oval, double ended
4068
130mm (5.1/8")

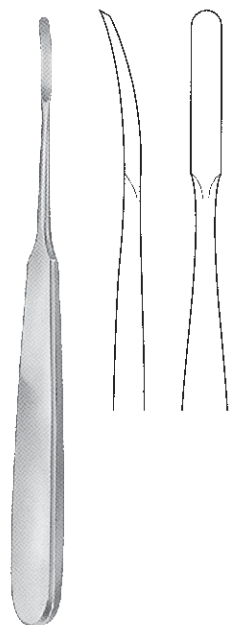


BOYD
BONE CURETTE
Oval, double ended
4069
160mm (6.1/4")



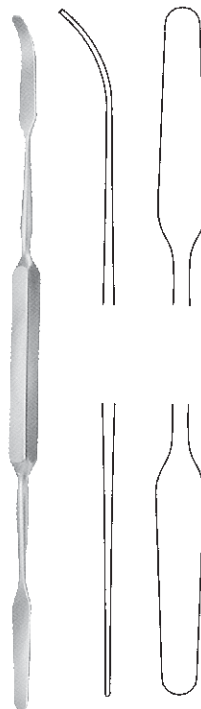
BOYD
BONE CURETTE
Oval, double ended
4070
200mm (8")





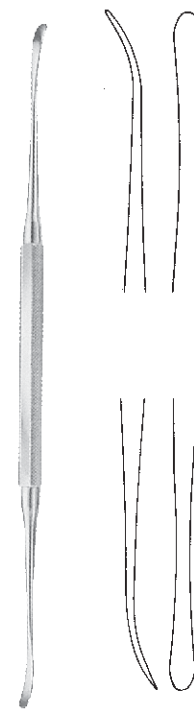
JOSEPH

4079
170mm (6.3/4")
Width at tip: 4mm



MACDONALD

4080
185mm (7.1/4") blunt



FREER ELEVATOR

4081
190mm (7.1/2"), double ended



ADSON

165mm (6.1/2"), curved

4082 width 5mm
4083 width 7mm



ADSON

165mm (6.1/2") slight curve
4084 Width 7mm



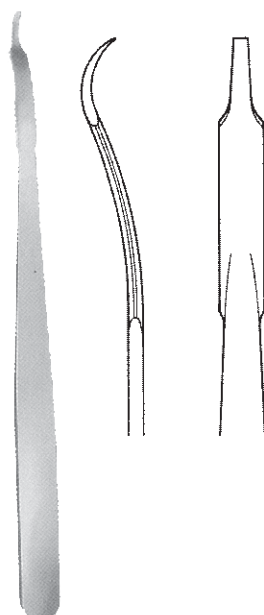
PENNYBACKER

150mm (6")
4085 Width 6mm



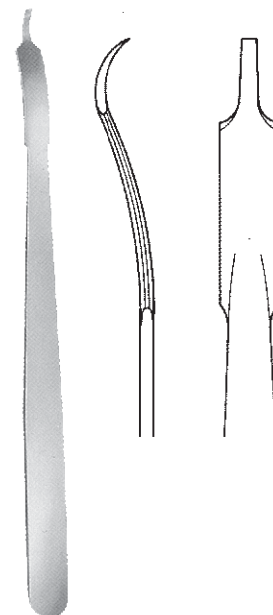
**"COBRA"
HIP LEVER**

4086
235mm (9.1/4")
Max Width: 65mm
Width at tip: 25mm



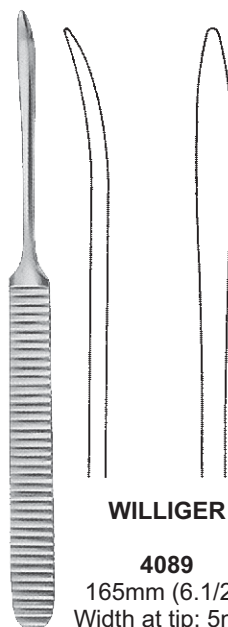
MINI-HOHMANN

4087
160mm (6.1/4")
Max width: 6mm
Width at tip: 2mm



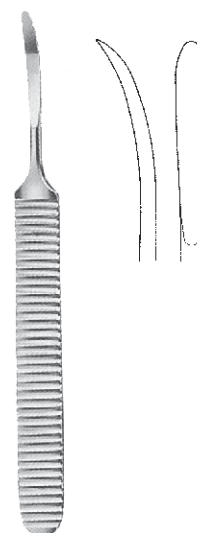
MINI-HOHMANN

4088
160mm (6.1/4")
Max width: 8mm
Width at tip: 2mm



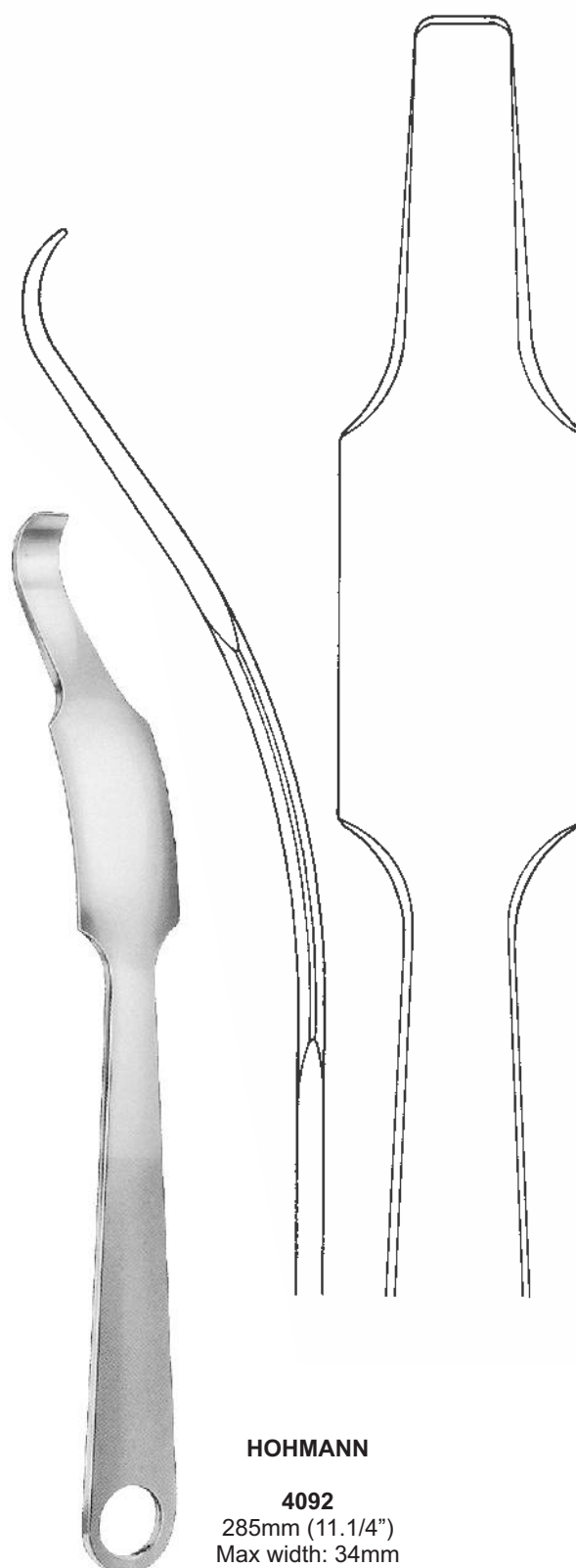
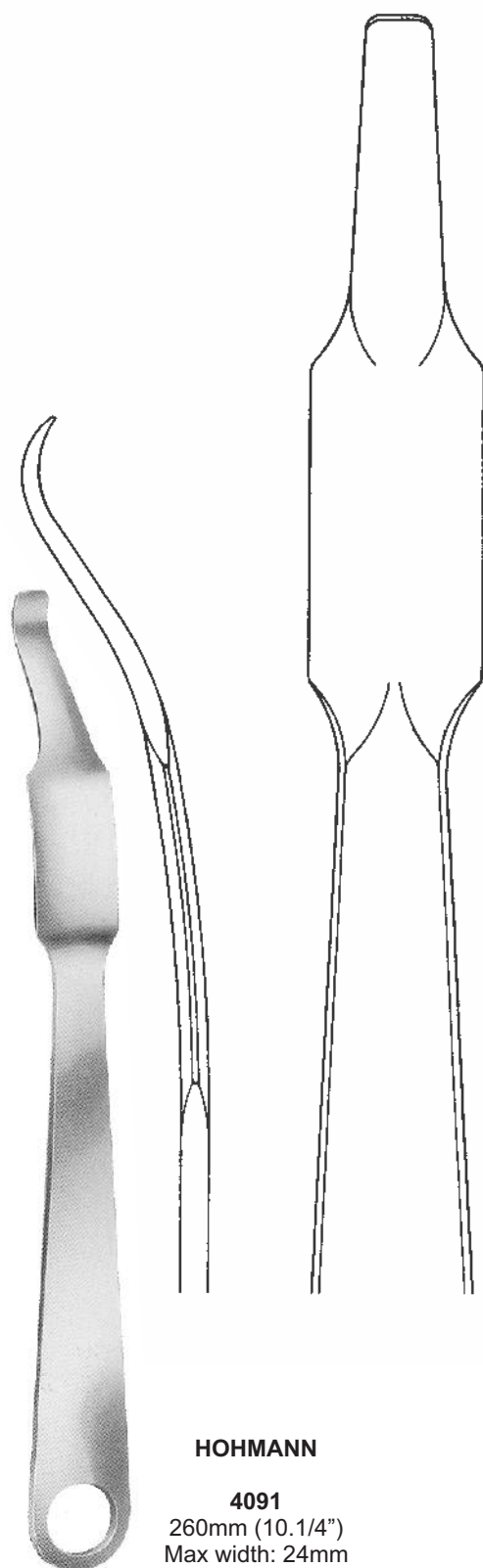
WILLIGER

4089
165mm (6.1/2")
Width at tip: 5mm



WILLIGER

4090
140mm (4.1/2")
Width at tip: 4mm





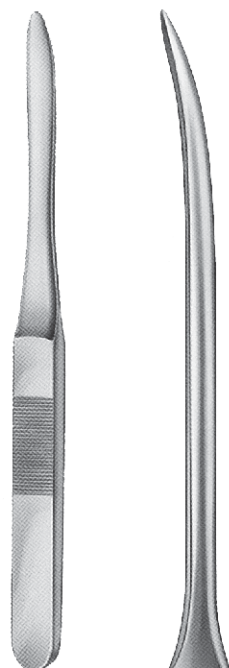
ST THOMAS



4093
180mm (7")
Pointed end



4094
180mm (7")
Rounded end



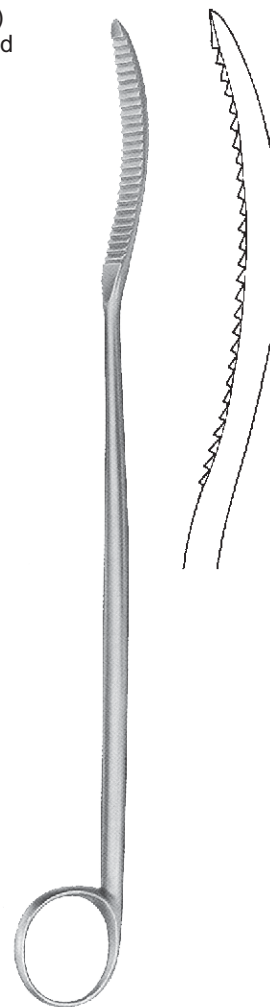
**CAIRNS SKULL FLAP
ELEVATOR**

4095
180mm (7")



**TRETHOWAN
BONE LEVER**

4096
215mm (8.1/2")

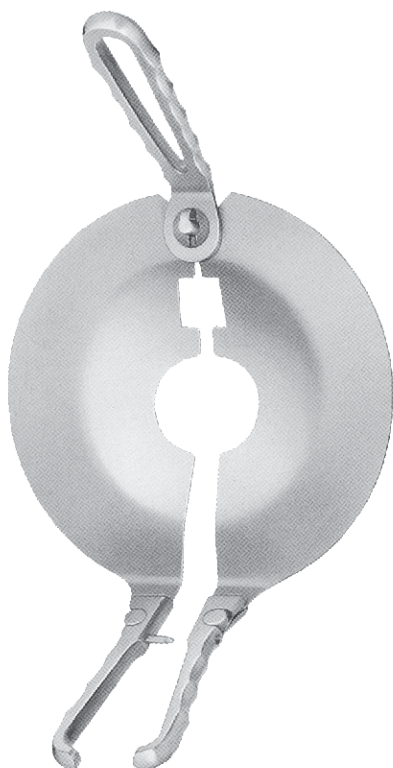


**LANE
BONE LEVER**

4097
255mm (10")

AMPUTATION INSTRUMENTS

G^{RAND}
SURGICAL
INSTRUMENTS



**PERCY AMPUTATION FLAP
RETRACTOR**

4098
Removable handles

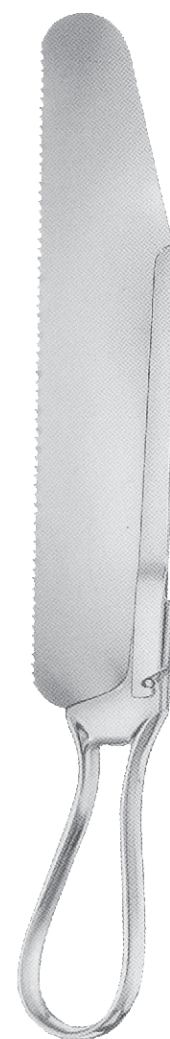


AMPUTATION SAW
With hinged back
to take apart
4099
Blade: 230mm (9")

5000
Spare blade for
amputation saw



FINGER SAW
5001
200mm (8")



**ARMY REGULATION
AMPUTATION SAW**

5002
Blade: 180mm (7")
With hinged back
to take apart



LISTON

5003

Blade: 130mm (5.1/8")

5004

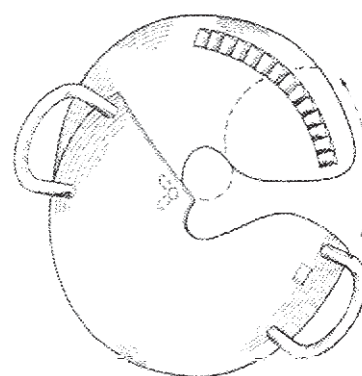
Blade 220mm (8.3/4")



LANGENBECK

5005

Resection knife



**BLAKE AMUPTATION FLAP
RETRACTOR**

5006

Diameter: 240mm (9.1/2")



SUCTION TUBES



G^{RAND}
SURGICAL
INSTRUMENTS

FRAZIER

5007

185mm (7.1/4") Diameter 2.33mm 7.f.g

5008

185mm (7.1/4") Diameter 2.66mm 8 f.g

5009

185mm (7.1/4") Diameter 3mm 9.f.g



ADSON FRAZIER

180mm (7")

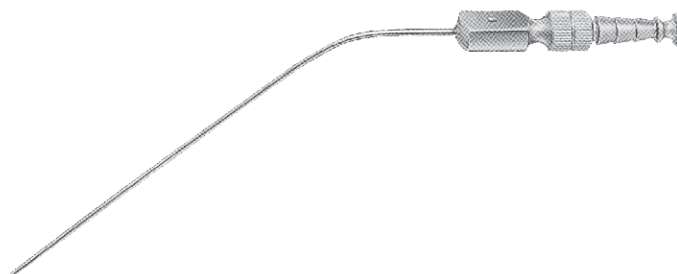
5010 Diameter 2mm

5011 Diameter 2.5mm

5012 Diameter 3mm

5013 Diameter 4mm

5014 Diameter 5mm



ADSON

180mm (7")

5015 Diameter 3mm

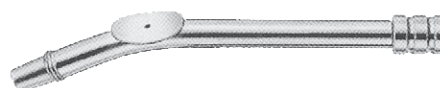
5016 Diameter 5mm



CONE SUCTION TUBES

5017

Set comprising of one of each of the following items except 3498



SUCTION TUBES

5018 Diameter: 3mm

5019 Diameter: 4mm

5020 Diameter: 5mm



HANDLE

5021 100mm (4")
with Tucker value



BARRON

5022
230mm (9")
Diameter: 1.33mm



BELUCCI

5023
Set comprising of each of the following items:

BELUCCI SUCTION TUBE

5024
170mm (6.3/4") Diameter: 2mm

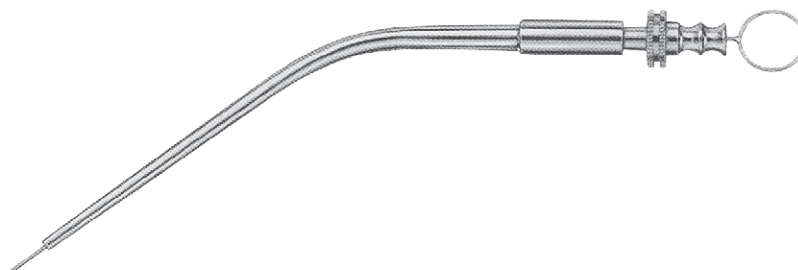


ZOELLNER DETACHABLE ENDS

5025 20 s.w.g
5026 22 s.w.g
5027 24 s.w.g

FORMBY

5028
210mm (8.1/4")
Diameter: 3.3mm



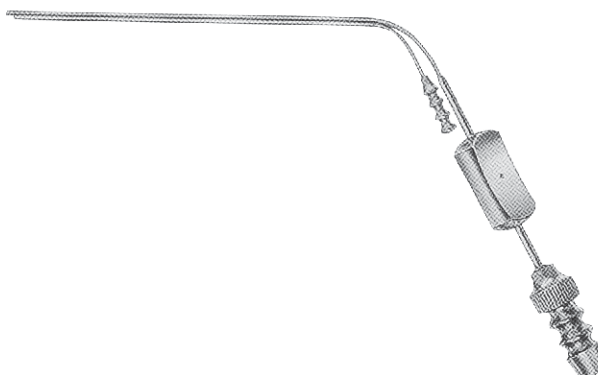
HOUSE

Shaft: 90mm (3.1/2")
Suction and irrigation tube

5029
Diameter suction tube: 0.9mm
Diameter irrigating tube: 0.7mm

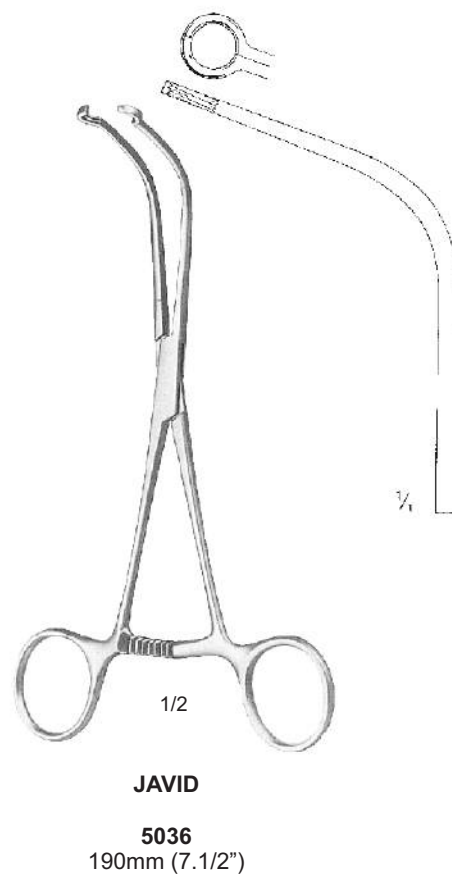
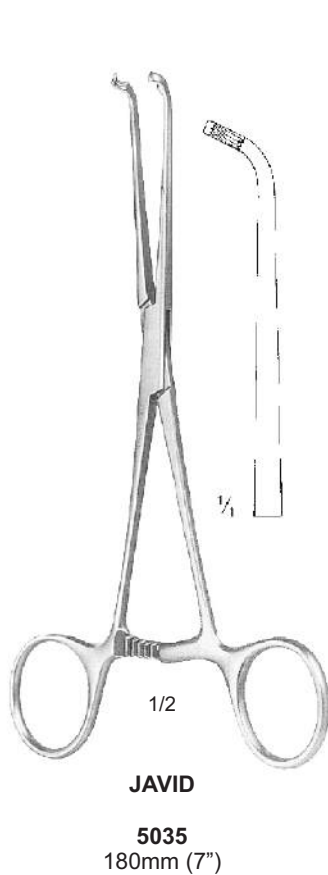
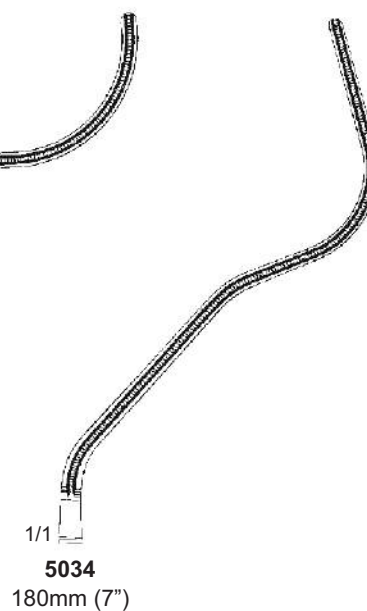
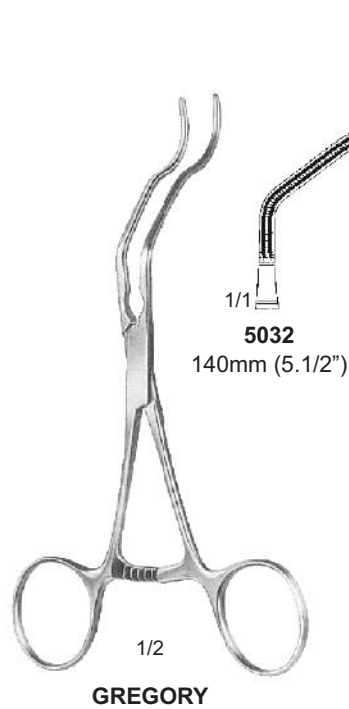
5030
Diameter suction tube: 1.2mm
Diameter irrigating tube: 0.9mm

5031
Diameter suction tube: 1.5mm
Diameter irrigating tube: 1.2mm



ATRAUMA CARDIOVASCULAR FORCEPS


GRAND
SURGICAL
INSTRUMENTS

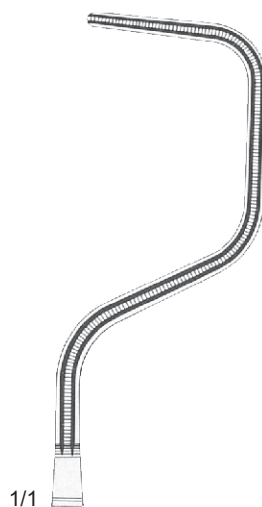




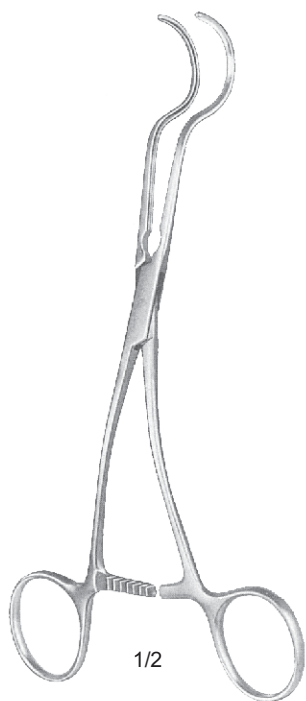
1/2

DALE

5037
185mm (7")

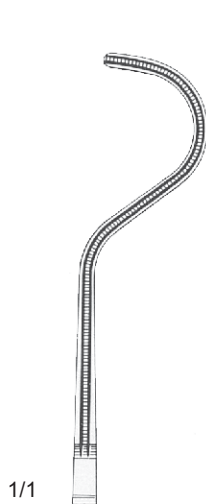


1/1



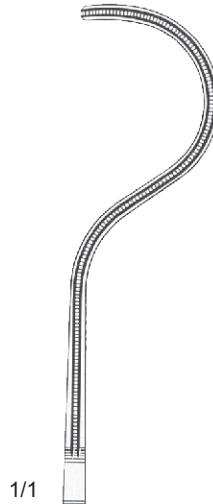
1/2

DALE



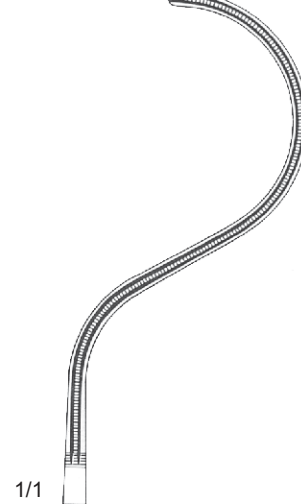
1/1

5038
170mm (6.1/2")



1/1

5039
175mm (7")

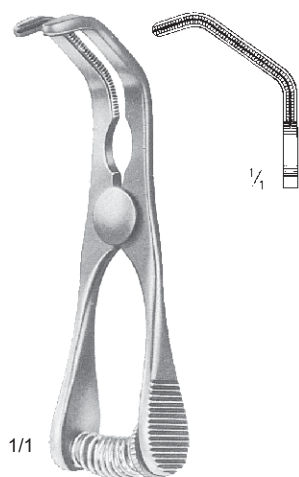


1/1

5040
185mm (7.1/4")

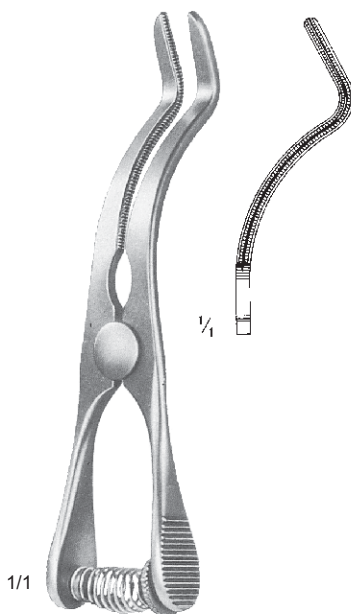
ATRAUMA BULLDOG CLAMPS

G
RAND
SURGICAL
INSTRUMENTS



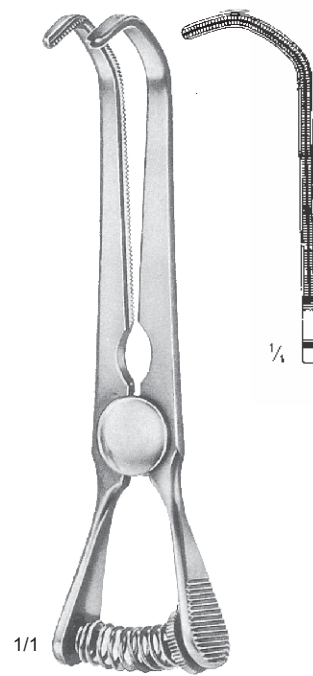
DE-BAKEY SATINSKY

5041
 70mm (2.3/4")



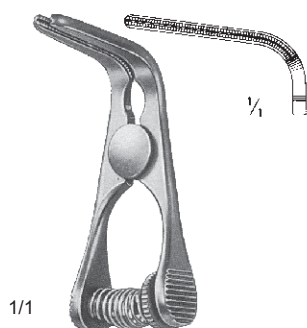
DE BAKEY-CAROTIS

5042
 90mm (3.1/2")



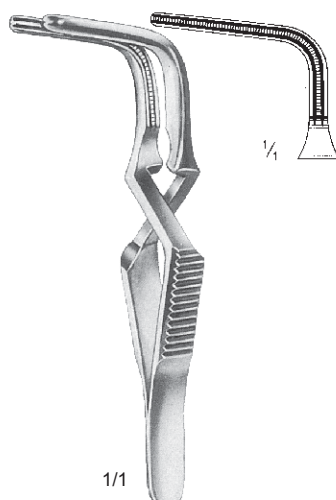
DE BAKEY SATINSKY

5043
 100mm (4")



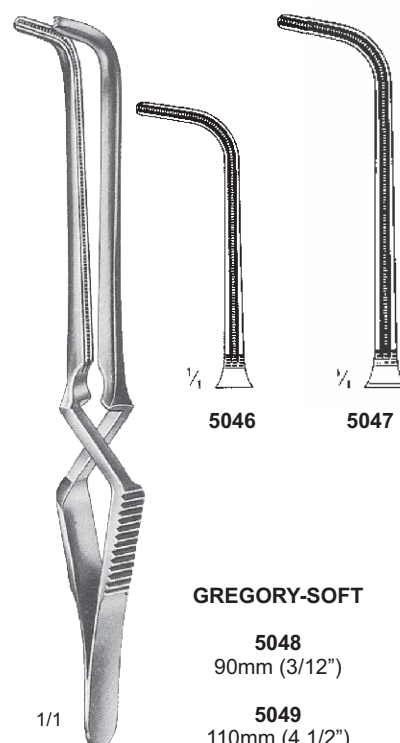
GLOVER

5044
 50mm (2")



SANTULLI

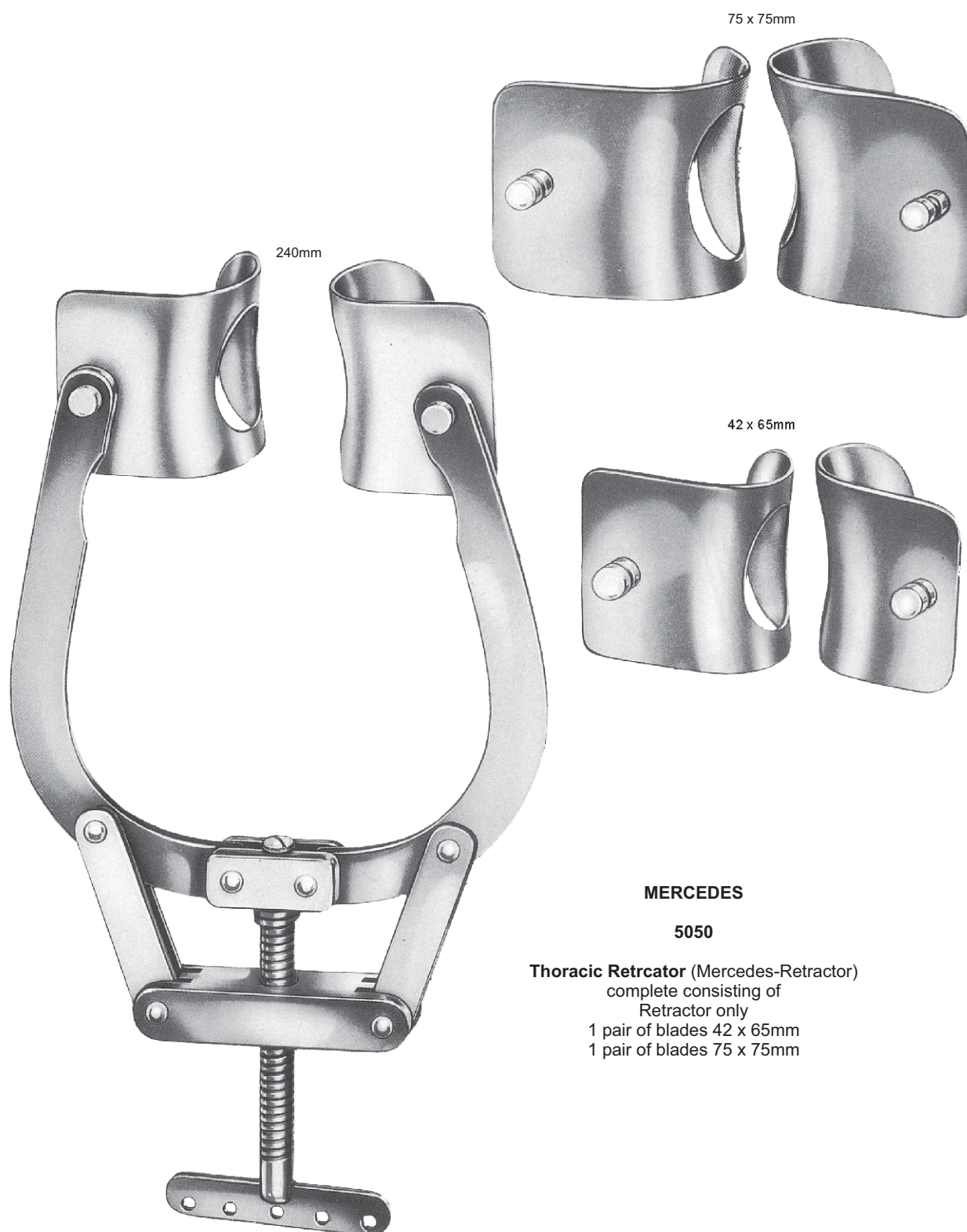
5045
 70mm (2.3/4")



GREGORY-SOFT

5048
 90mm (3/12")

5049
 110mm (4.1/2")



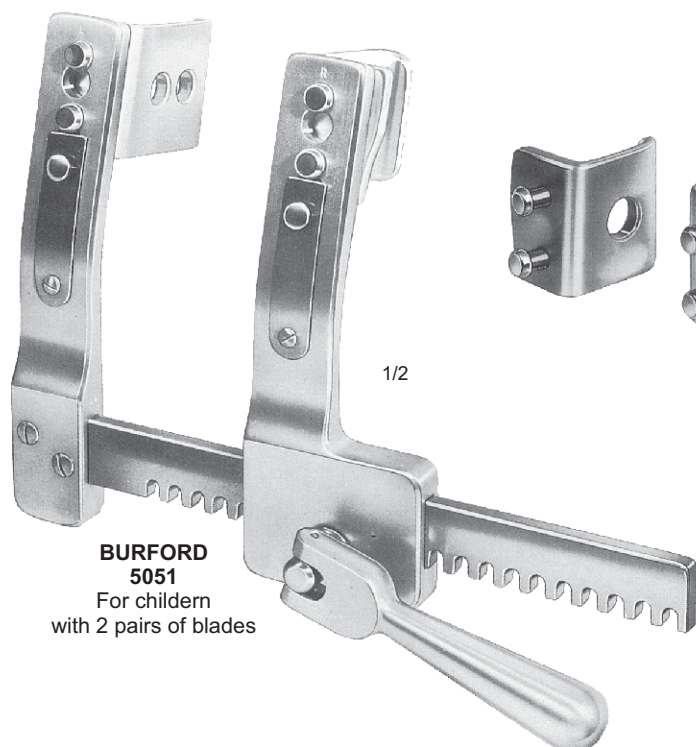
MERCEDES

5050

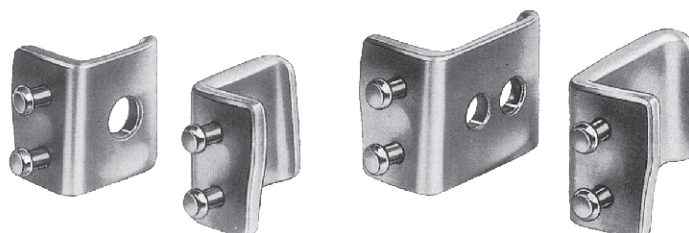
Thoracic Retractor (Mercedes-Retractor)
complete consisting of
Retractor only
1 pair of blades 42 x 65mm
1 pair of blades 75 x 75mm

RIB SPREADERS

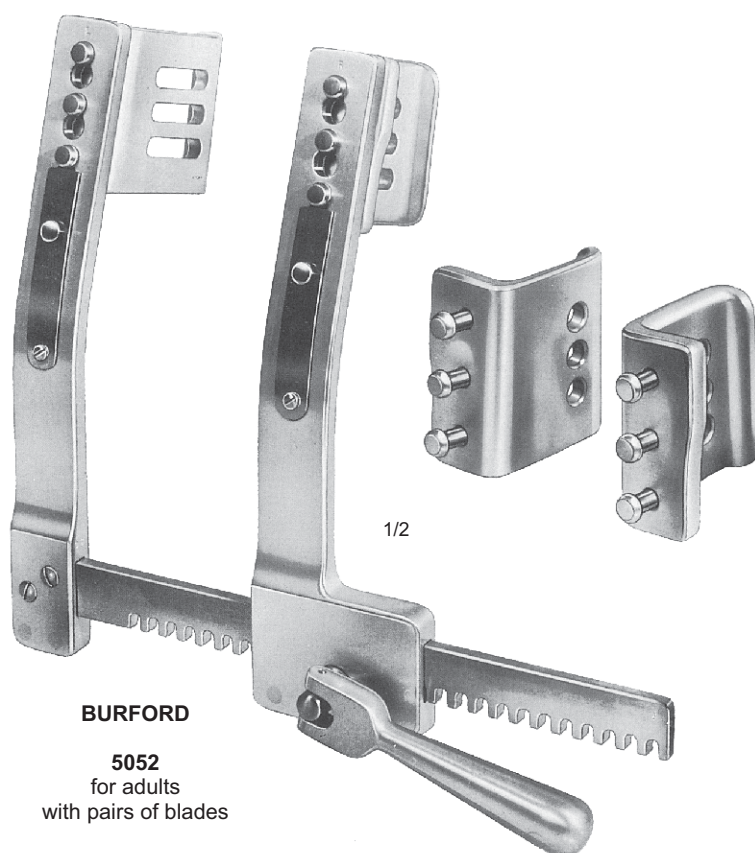
G
RAND
SURGICAL
INSTRUMENTS



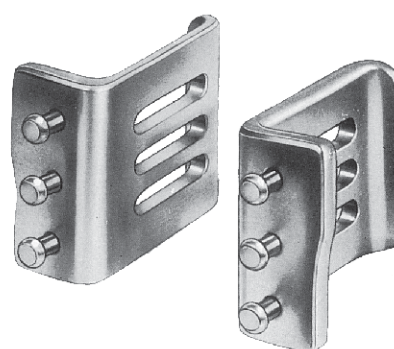
**BURFORD
5051**
For children
with 2 pairs of blades



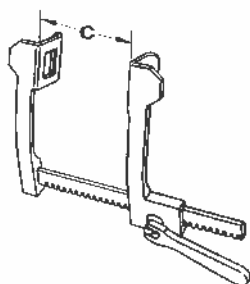
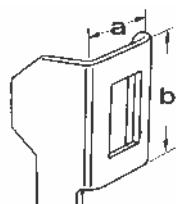
a	b	c
48mm 34mm	42mm 42mm	135mm 135mm



**BURFORD
5052**
for adults
with pairs of blades



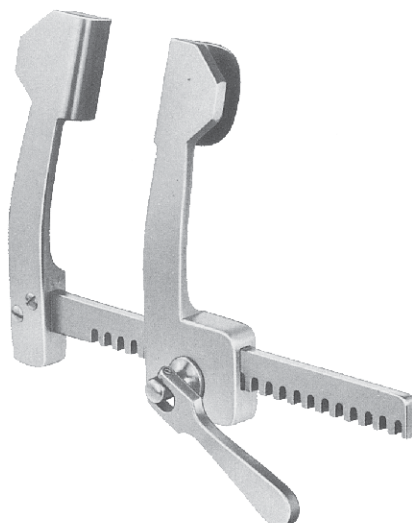
a	b	c
64mm 47mm	62mm 62mm	180mm
65mm 47mm	62mm 62mm	260mm
65mm 47mm	62mm 62mm	300mm



COOLEY

5053
For new borns

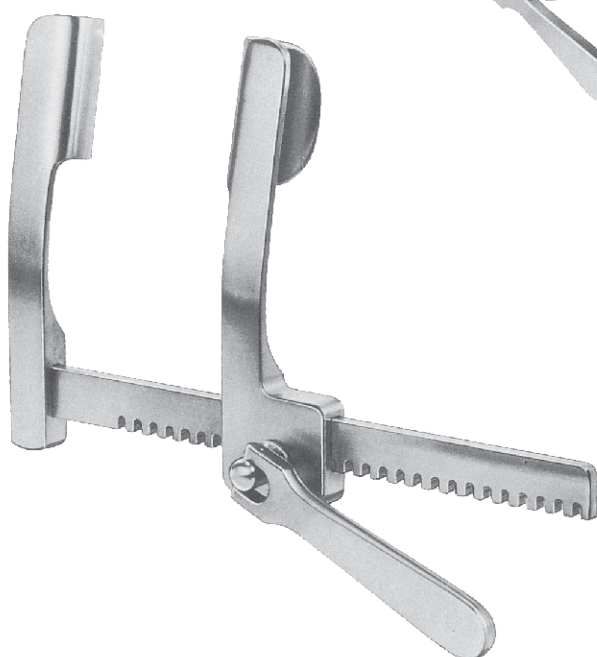
A	B	C
12 mm	16 mm	95 mm



COOLEY

5054
Pediatric size

A	B	C
15 mm	30 mm	140 mm
21 mm	44 mm	150 mm



COOLEY

5055
For adults

A	B	C
35 mm	50 mm	200 mm



BONE & RIB SHEARS



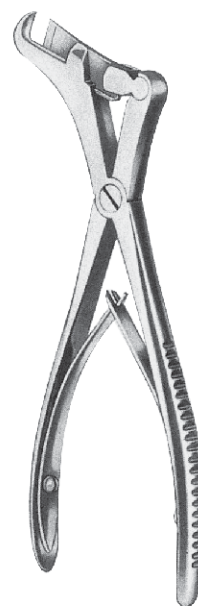
G^{RAND}
SURGICAL
INSTRUMENTS



5056
230mm (9")



5057
220mm(8.3/4")



5058
170mm (6.3/4")



GLUCK
5059
220mm (8.3/4")

With eccentric
sliding blade



STILLE
5060
210mm (8.1/4")





PLASTER SHEARS

5061
160mm (6.1/4")



PLASTER SHEARS

5062
200mm (8")

5063
230mm (9")

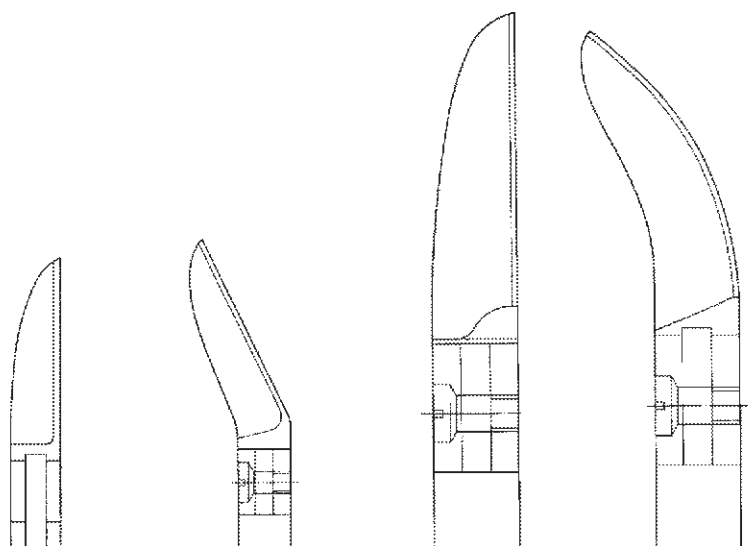


PLASTER SHEARS

5064
235mm (9.1/4")

BONE CUTTING FORCEPS

G
RAND
SURGICAL
INSTRUMENTS



5069
150mm (6")



RUSKIN - LISTON

5065
190mm (7.1/2")
Straight

5066
190mm (7.1/2")
Angled on flat



**STILLE
LISTON**

5067
280mm (11")
Straight

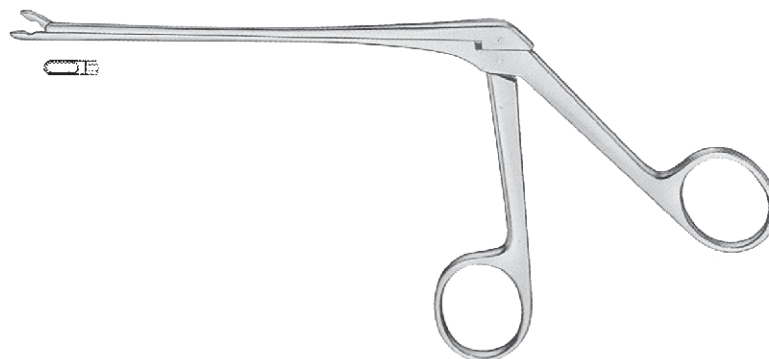
5068
275mm (10.3/4")
Curved on flat



5070
145mm (5.3/4")

BECK RONGEUR

5071
Shaft: 130mm (5.1/8")
2mm bite



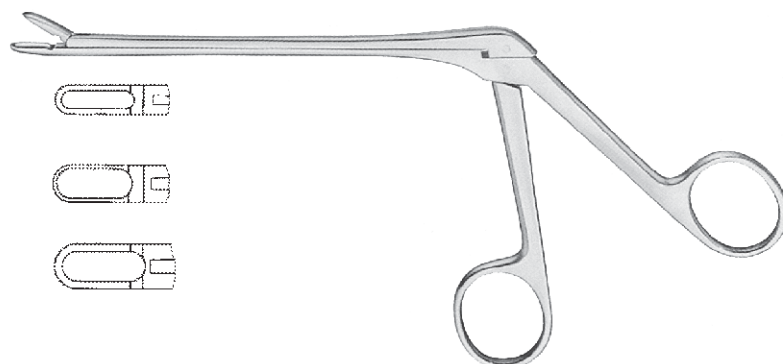
**CUSHING (CAIRNS)
RONGEUR**

Shaft: 130mm (5.1/8")

5072
4mm bite

5073
5mm bite

5074
7mm bite



**CUSHING
RONGEURS**

Shaft: 130mm (5.1/8")

5075
3mm bite

5076
4mm bite

5077
5mm bite



**CUSHING
RONGEURS**

Shaft 130mm (5.1/8")

5078
3mm bite

5079
4mm bite





SARGENT (VAN HAVRE)

5080
220mm (8.3/4")
10mm bite



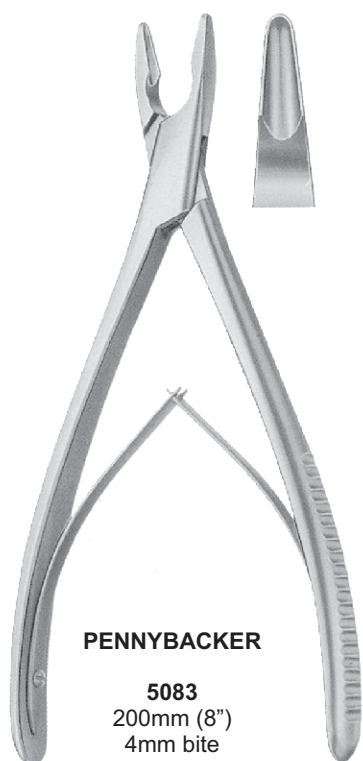
OLIVECRONA

5081
230mm (9")
6mm bite



STILLE-RUSKIN

5082
240mm (9.1/2")



PENNYBACKER

5083
200mm (8")
4mm bite



WILMS

5084
200mm (8")
4mm bite



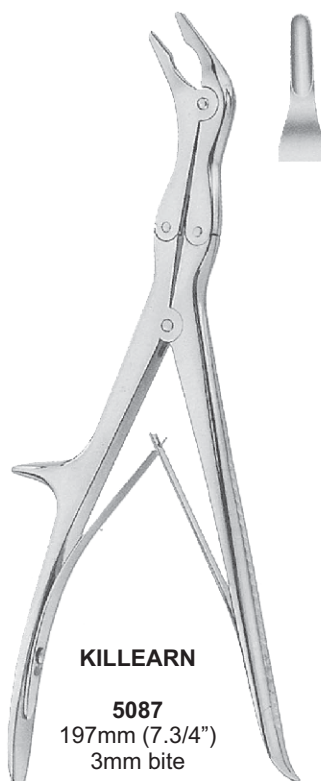
HEANLEY

5085
175mm (7")
4mm bite



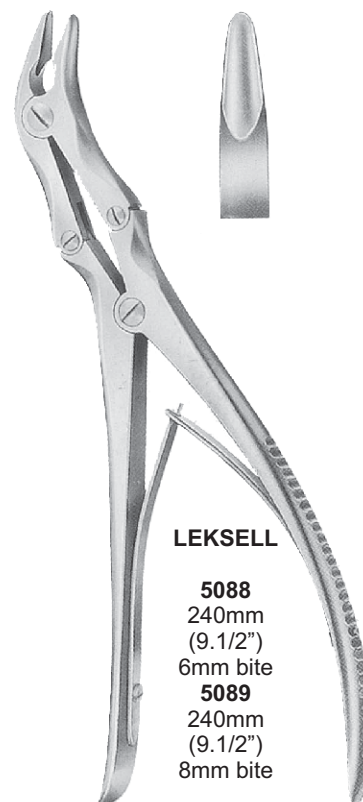
TROTTER

5086
200mm (8")
10mm bite



KILLEARN

5087
197mm (7.3/4")
3mm bite

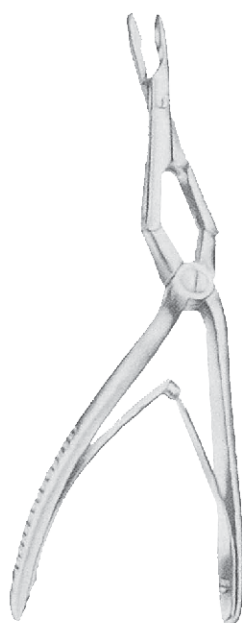


LEKSELL

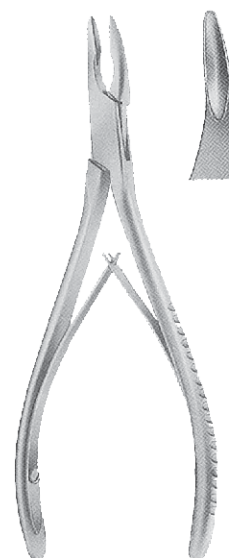
5088
240mm
(9.1/2")
6mm bite
5089
240mm
(9.1/2")
8mm bite



BEYER
5090
150mm (6")
5mm bite



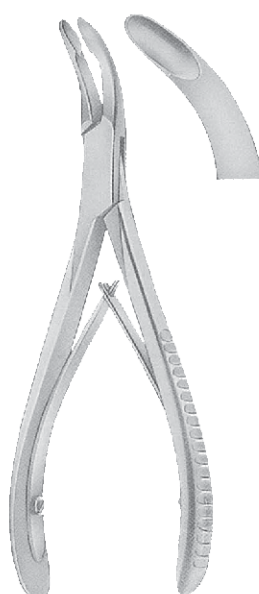
**JANSEN-MIDDLETON
SEPTUM FORCEPS**
5091
200mm (8") Spoon shaped
4mm bite



CAIRNS
5092
140mm (5.1/2")
4mm bite



CAIRNS
5093
140mm (5.1/2")
4mm bite



LUER
5094
155mm (6")



RUSKIN
5095
190mm (7.1/2")
6mm bite



5096
250mm (9.3/4")



5097
255mm (10")



5mm
5098
175mm (7")

VERBRUGGE



5099
265mm (10.1/2")

VERBRUGGE



6000
135mm (5.1/4")

LEWIN

TUNNELING SET

G
RAND
SURGICAL
INSTRUMENTS



6001
Complete Set



6002
6 mm



6003
8mm



6004
10mm



6005
12mm



6006



6007

110mm x 37mm
80 mm x 32mm
80 mm x 24mm

6001 Tunneling set complete
6008 Universal Handle (2x)
6009 Tunneling shaft, curved, 225mm
6010 Tunneling shaft, straight, 225mm
6011 Tunneling shaft, curved, 540mm
6002 Bullet tip 6mm (2 x)
6003 Bullet tip 8mm (2 x)
6004 Bullet tip 10mm (2 x)
6005 Bullet tip 12mm (2 x)
6006 Vein tip
6007 Luer Adaptor
Plate for tips only
Sterilizing cases 550 x 115 x 35mm



6008



6009
225mm



6010
225mm



6011
540mm



6012
0.5 mm Ø



6013
1.0 mm Ø



6014
1.5 mm Ø



6015
2.0 mm Ø



6016
2.5 mm Ø



6017
3.0 mm Ø



6018
4.0 mm Ø



6019
5.0 mm Ø



6020
0.5 mm Ø



6021
1.0 mm Ø



6022
1.5 mm Ø



6023
2.0 mm Ø



6024
2.5 mm Ø



6025
3.0 mm Ø



6026
3.5 mm Ø



6027
4.0 mm Ø



6028
4.5 mm Ø



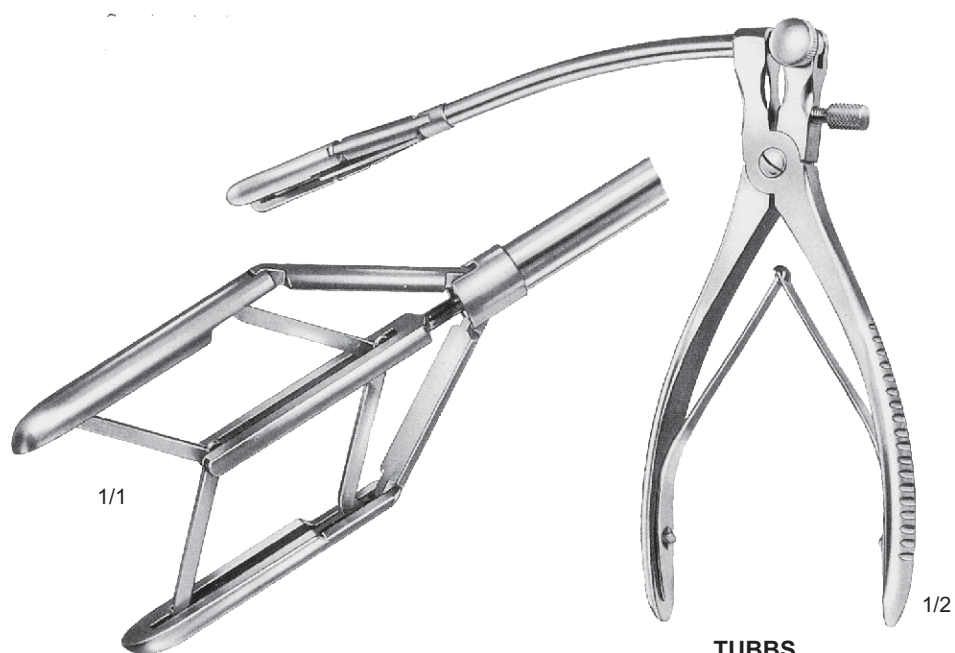
6029
5.0 mm Ø



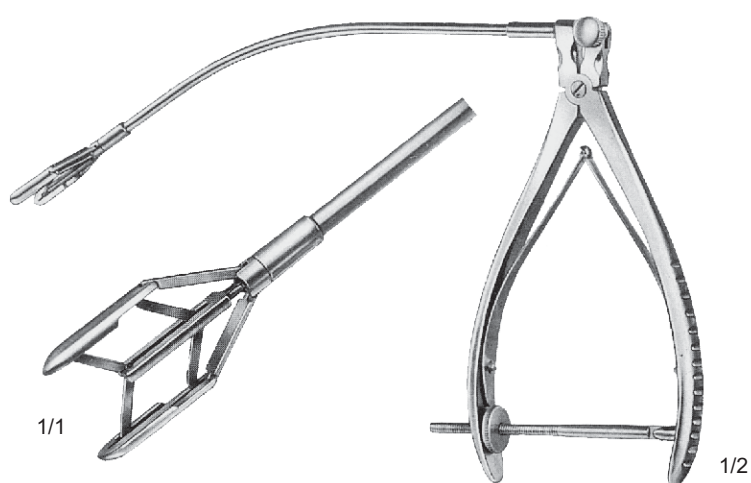
6030
7.0 mm Ø



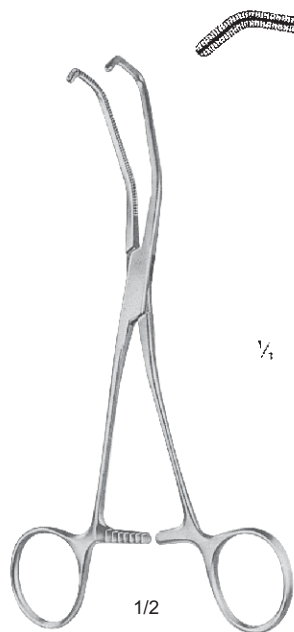
6031
9.0 mm Ø



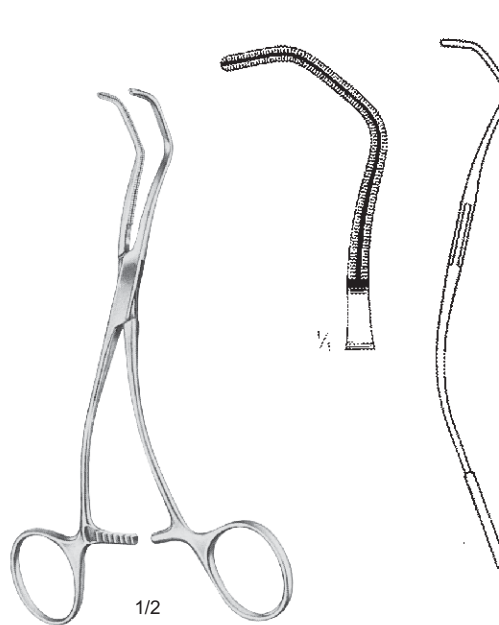
**TUBBS
6032**
Blade opening from 8 to 42mm



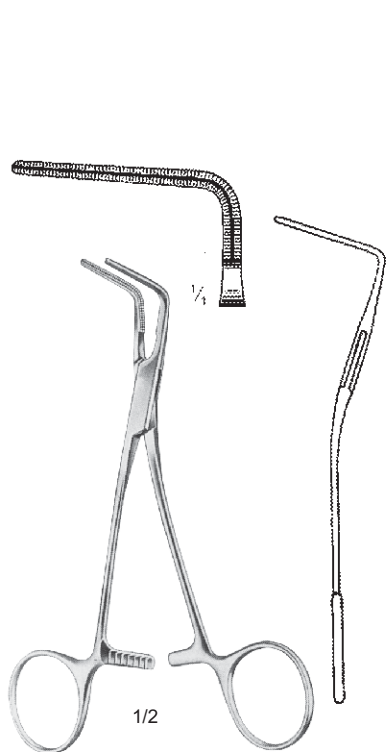
**COOLEY
6033**
Blade opening from 8 to 15mm



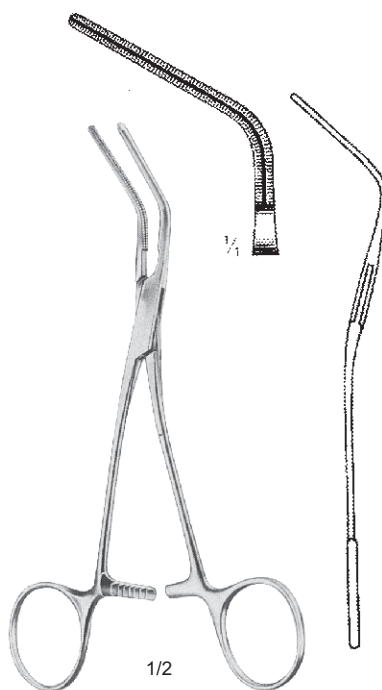
**COOLEY
6034**
170mm (6.3/4")



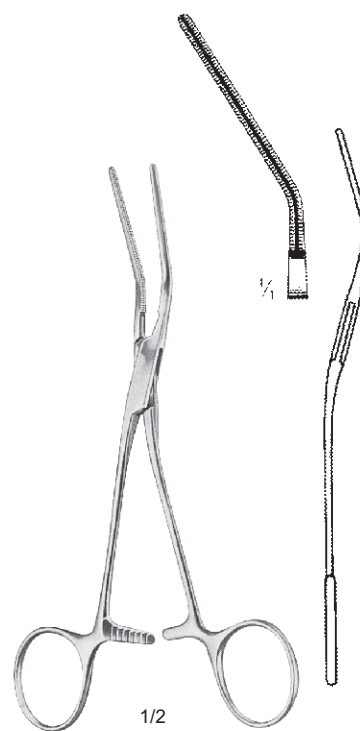
**COOLEY
6035**
160mm (6.1/4")



**COOLEY
6036**
150mm (6")



**COOLEY
6037**
155mm (6.1/4")



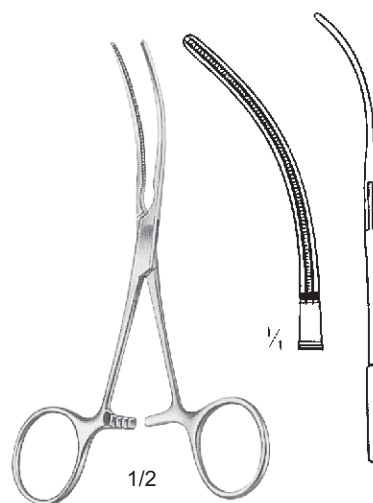
**COOLEY
6038**
170mm (6.3/4")

ATRAUMA CARDIOVASCULAR FORCEPS

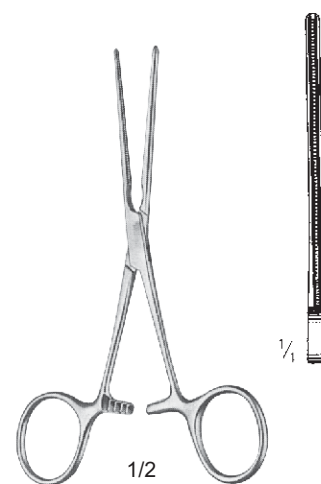

GRAND
SURGICAL
INSTRUMENTS



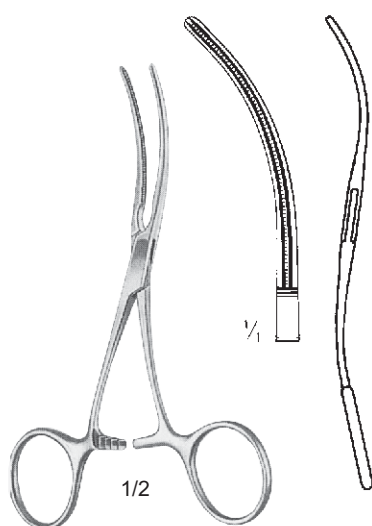
DE BAKEY
6039
 100mm (4")



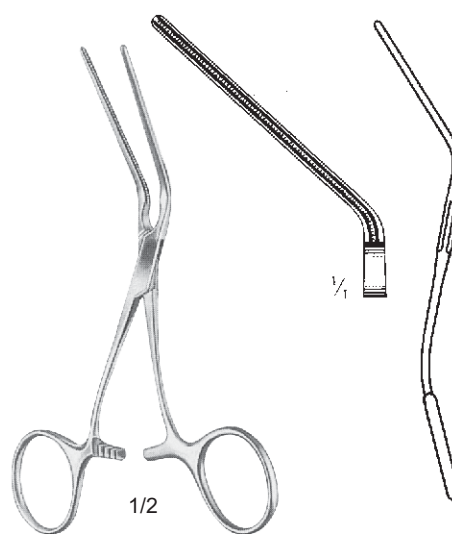
DE BAKEY
6040
 110mm (4.1/4")



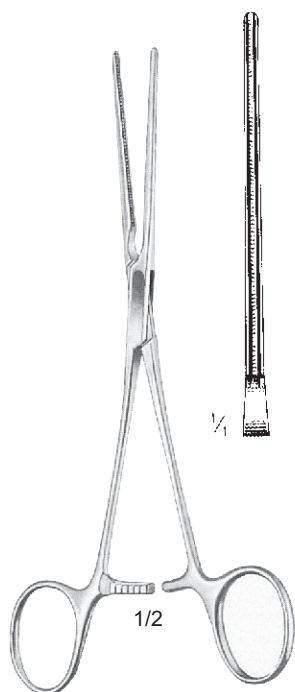
DE BAKEY
6041
 120mm (4.3/4")



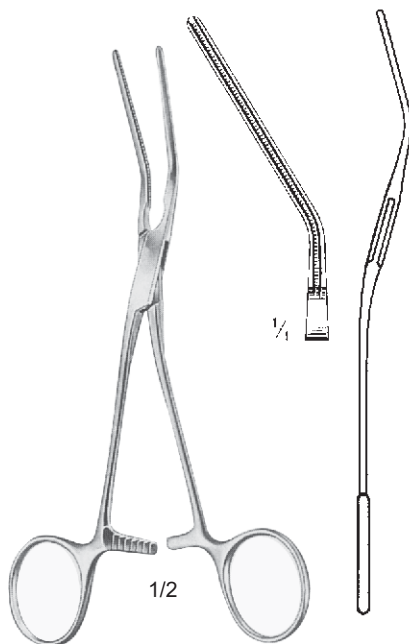
DE BAKEY
6042
 120mm (4.3/4")



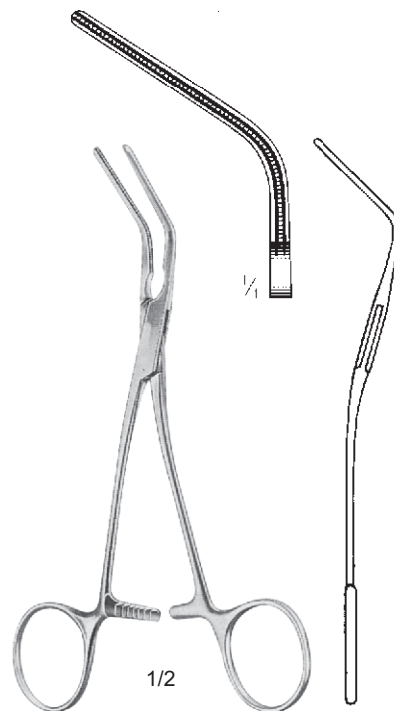
DE BAKEY
6043
 130mm (5.1/4")



**DE BAKEY
6044**
170mm (6.1/4")



**DE BAKEY
6045**
160mm (6")



**DE BAKEY
6046**
150mm (6")



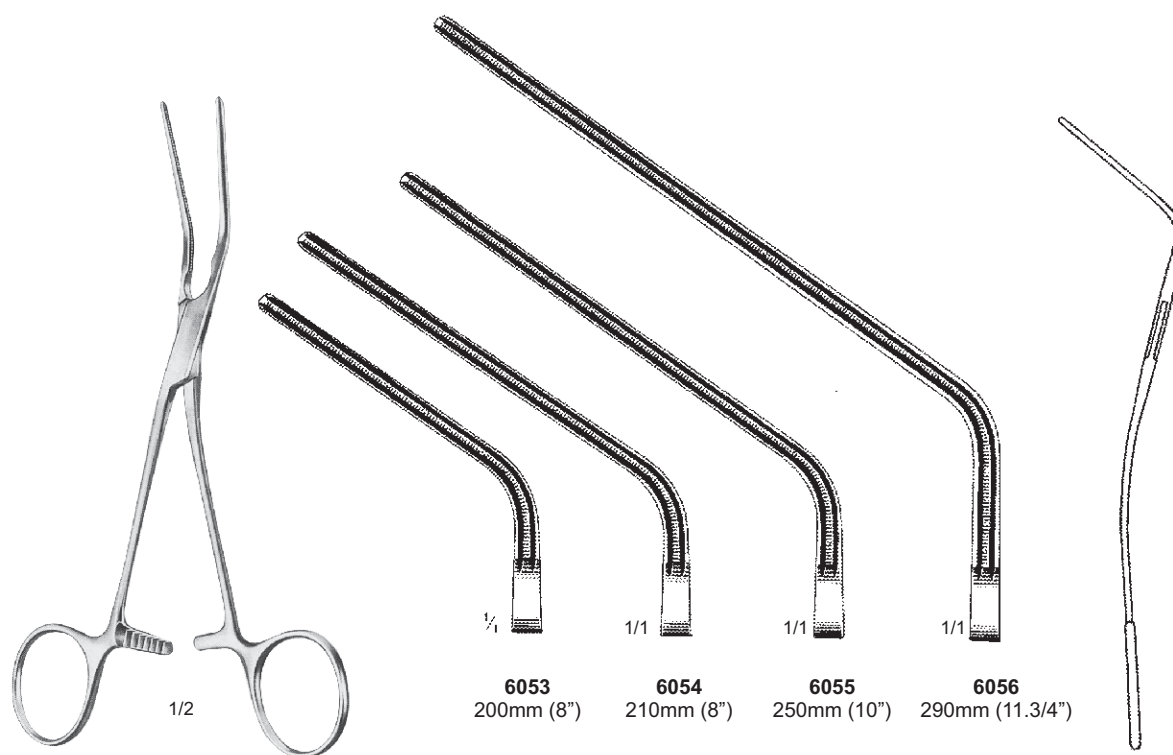
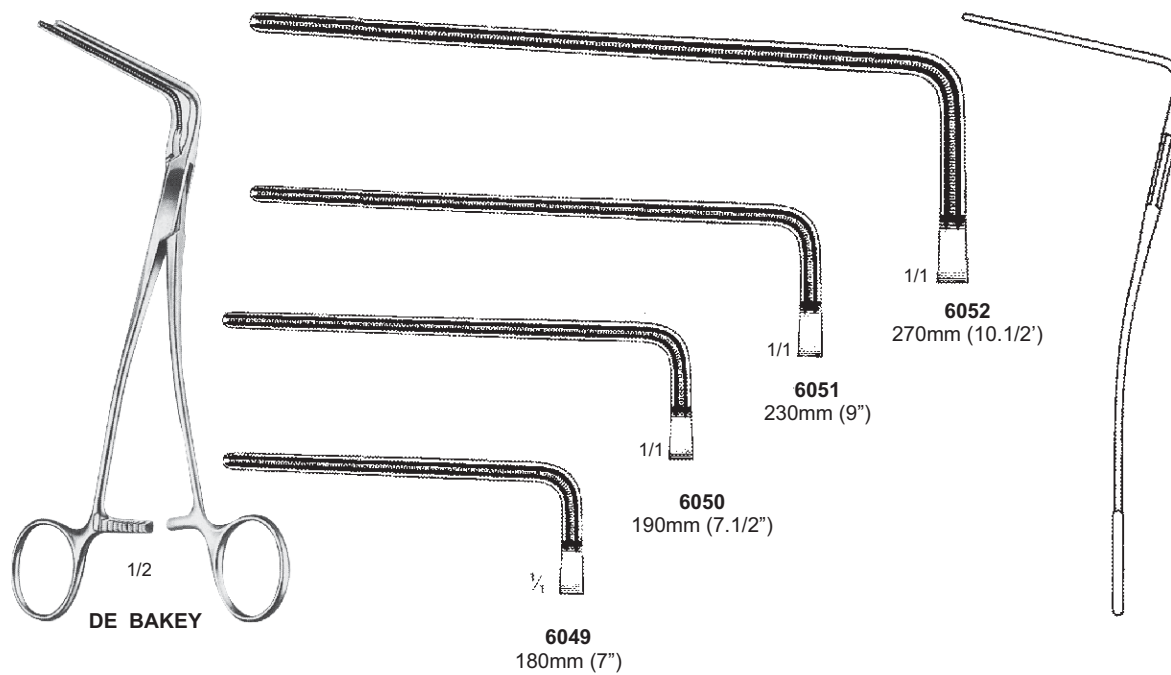
**DE BAKEY
6047**
150mm (6")



**DE BAKEY
6048**
170mm (6.1/4")

ATRAUMA CARDIOVASCULAR FORCEPS

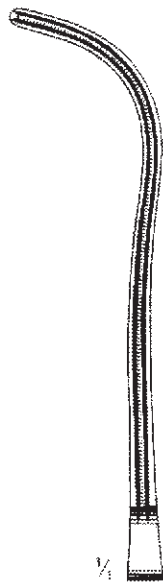

GRAND
SURGICAL
INSTRUMENTS





HARKEN

1/2



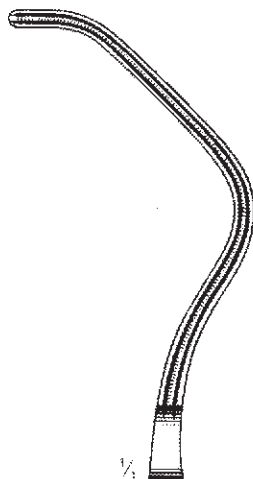
1/4

6057
240mm (9.1/2")



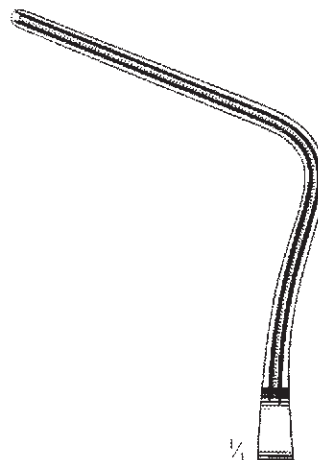
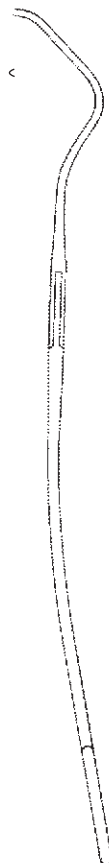
1/4

6058
240mm (9.1/2")



1/4

6059
240mm (9.1/2")



1/4

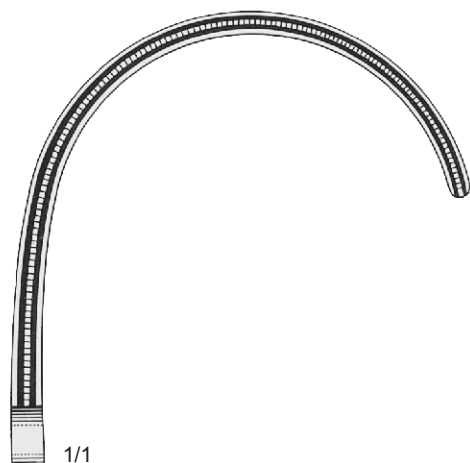
6060
240mm (9.1/2")

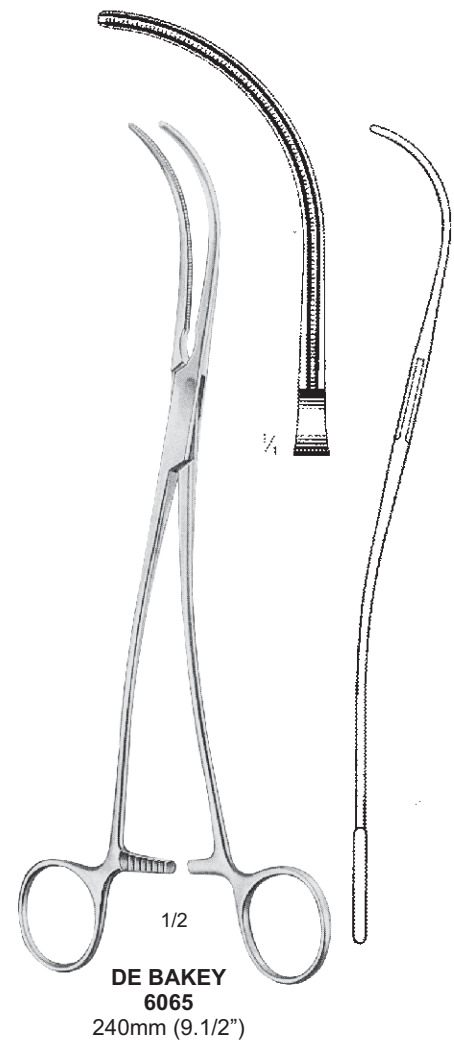
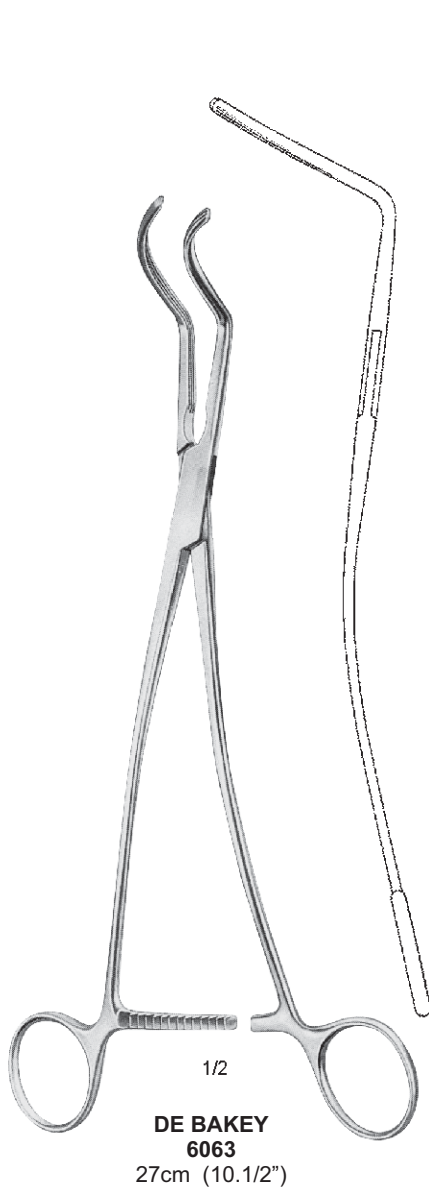


ATRAUMA CARDIOVASCULAR FORCEPS



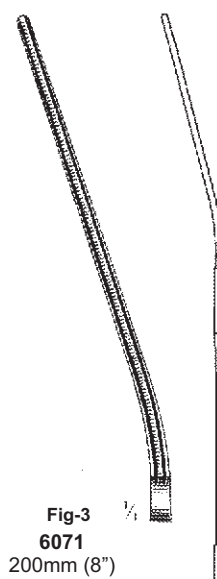
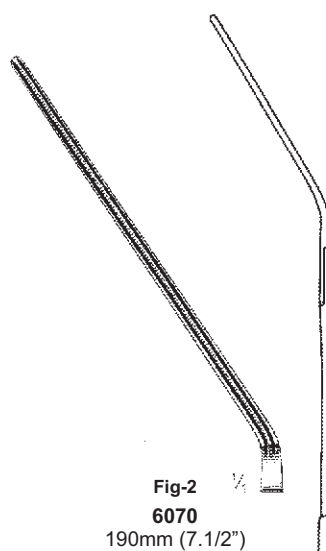
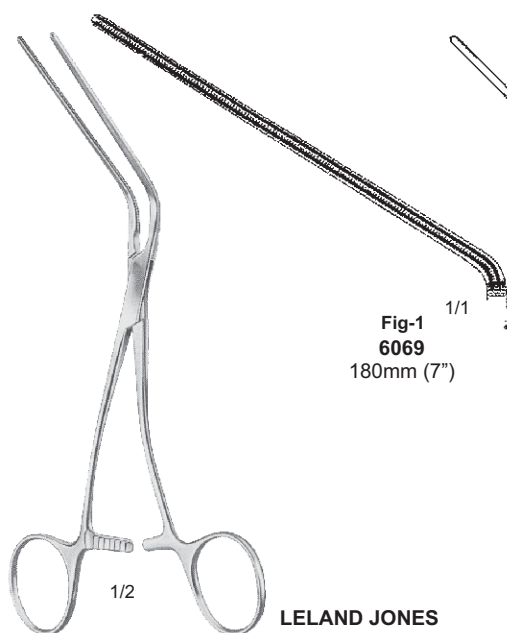
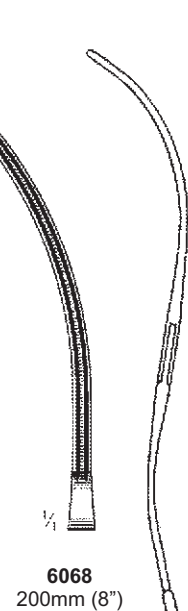
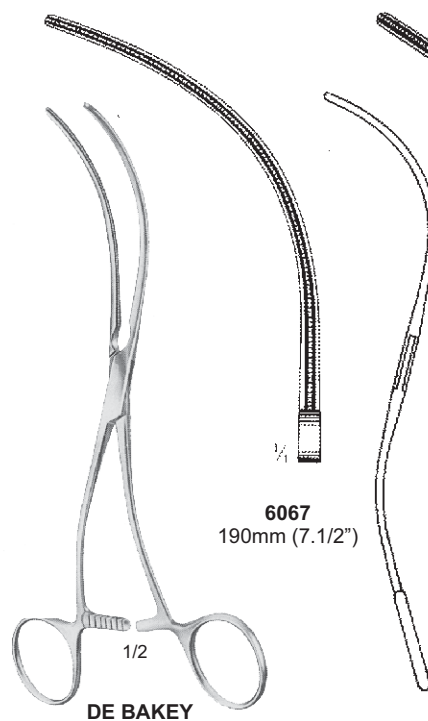
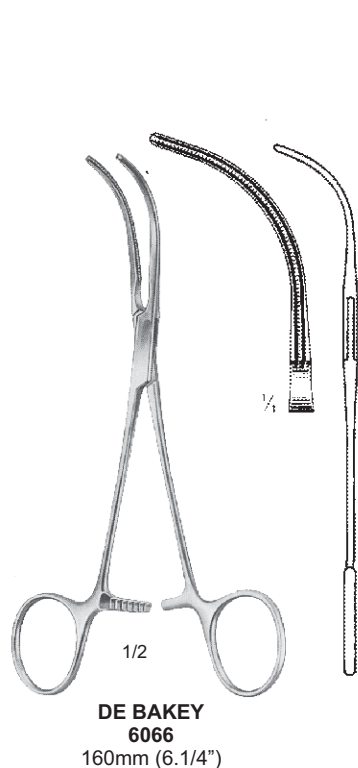
G^{RAND}
SURGICAL
INSTRUMENTS





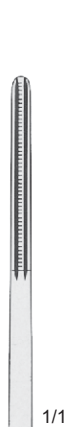
ATRAUMA CARDIOVASCULAR FORCEPS


RAND
SURGICAL
INSTRUMENTS

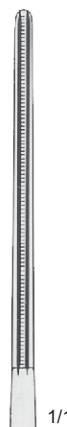




6072
210mm (8.1/4")



6073
220mm (8.3/4")



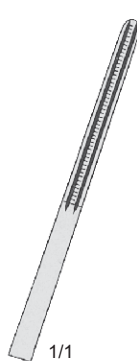
6074
210mm (8.1/4")



6075
220mm (8.3/4")



6076
210mm (8.1/4")



6077
220mm (8.3/4")

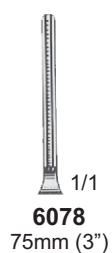


ATRAUMA BULLDOG CLAMPS


RAND
SURGICAL
INSTRUMENTS



1/1



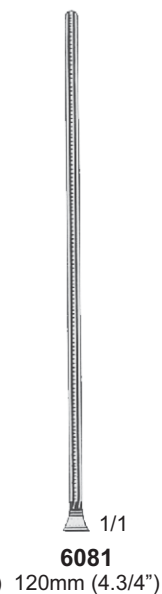
1/1
6078
75mm (3")



1/1
6079
85mm (3.1/2")



1/1
6080
105mm (4.1/4")

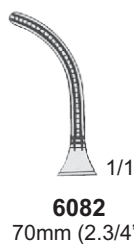


1/1
6081
120mm (4.3/4")

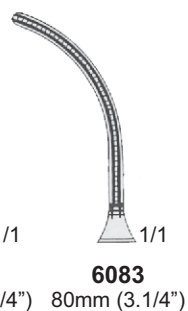
DEBAKEY BULLDOG CLAMPS



1/1



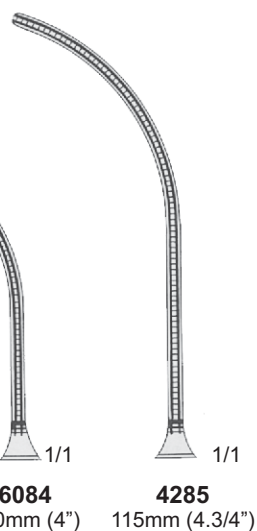
1/1
6082
70mm (2.3/4")



1/1
6083
80mm (3.1/4")

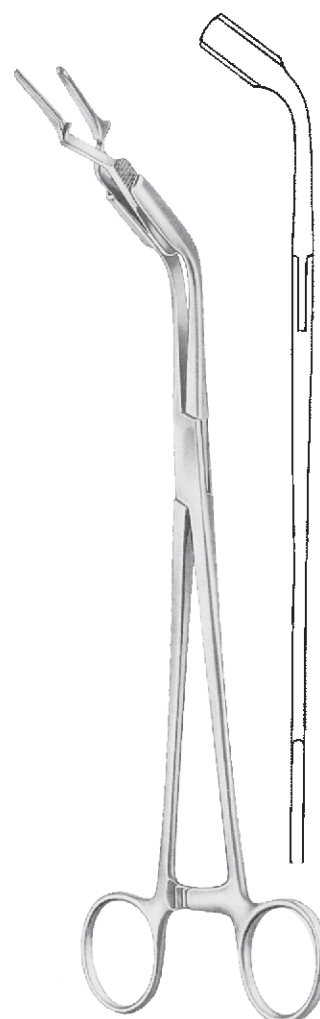


1/1
6084
100mm (4")

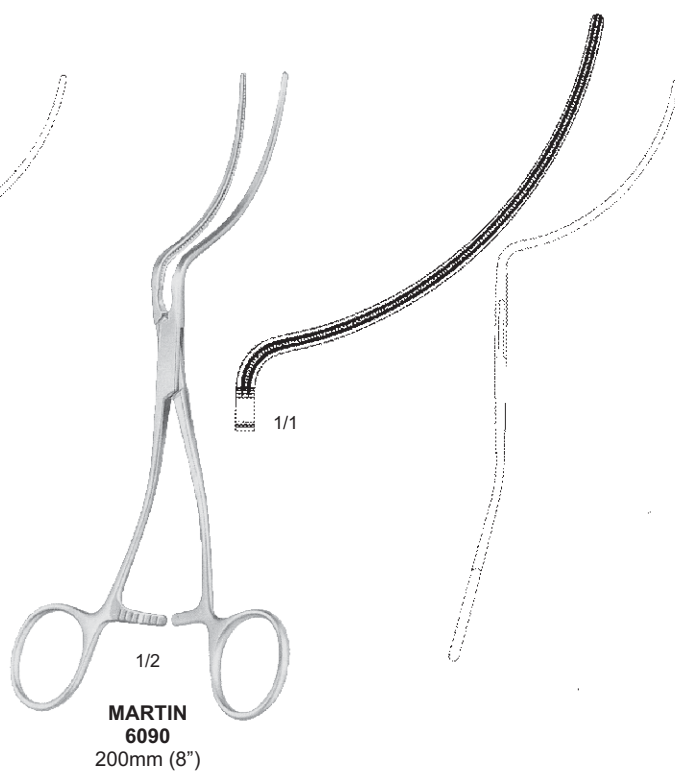
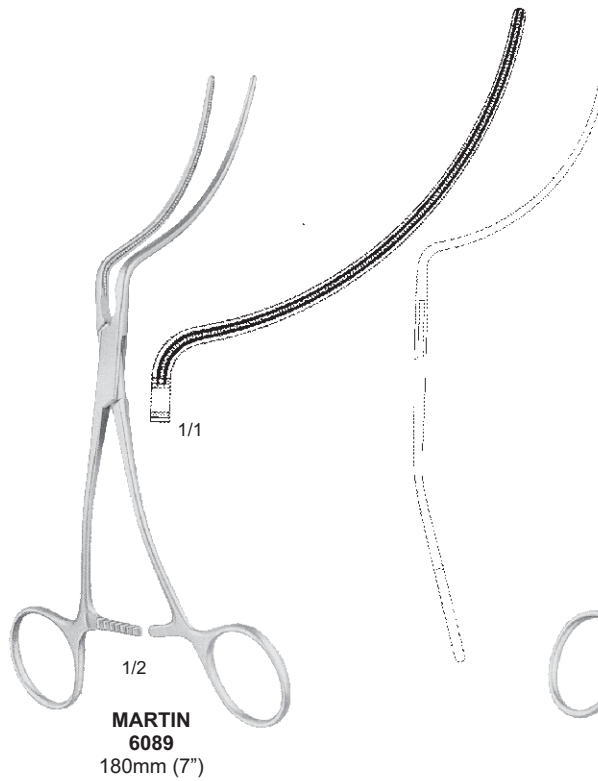
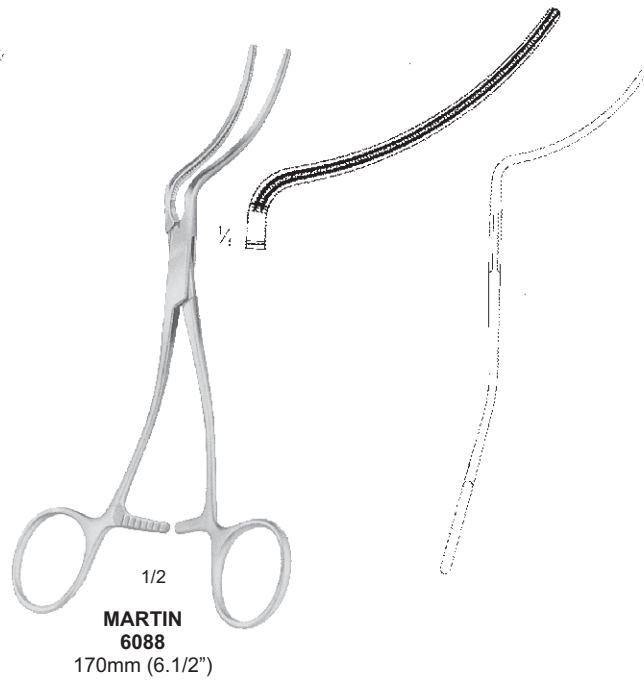
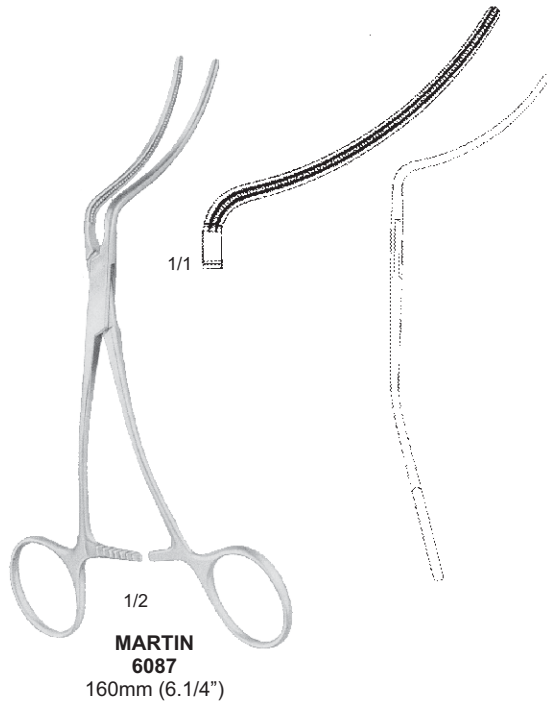


1/1
4285
115mm (4.3/4")

DEBAKEY BULLDOG CLAMPS



APPLYING FORCEPS
6086
 230mm (9")



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