Nerve - and Vessel Hooks

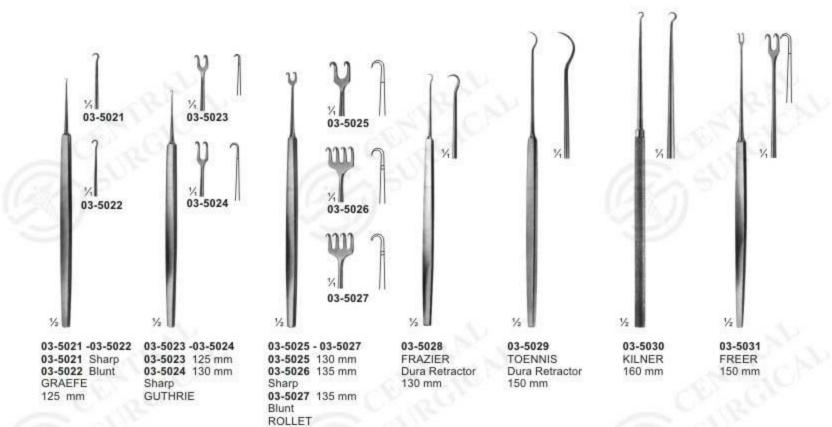


Nerve - and Vessel Hooks





Fine Wound Retractors (Dura- and Skin Retractors)







BERGMANN

140 mm

BOSE

165 mm

BOSE

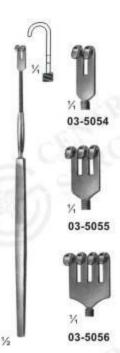
165 mm

CENTRAL SURGICAL (PVT) .LTD.,

Wound - Trachea Retractors

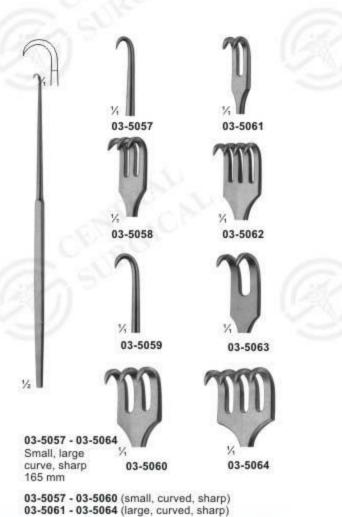






03-5048 - 03-5050 180 mm

03-5054 - 03-5056 Flexible shaft, blunt 155 mm





03-5065 - 03-5068 (small, curved, blunt) 03-5069 - 03-5072 (large, curved, blunt)



Retractors With Treangle Handle



03-5073 MANNERFELT modif. sharp 135 mm



03-5074 MANNERFELT modif. sharp 155 mm



03-5075 MANNERFELT modif. sharp 155 mm



03-5076 - 03-5078 MANNERFELT modif. Small curve, sharp 155 mm



03-5079 - 03-5081 MANNERFELT modif. Large curve, blunt 155 mm



03-5082 - 03-5085 LANGENBECK-MANNERFELT modif. 155 mm



03-5086 - 03-5088 MANNERFELT modif. Saddle hooks, 155 mm



03-5089 MANNERFELT modif. Saddle hooks, fenestrated 155 mm



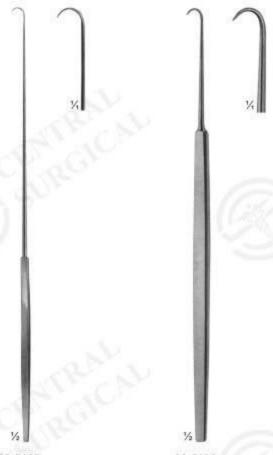








Retractors



03-5105 EMMET Fistula hook 220 mm





03-5109 - 03-5110 Tendon hooks 175 mm



03-5107 SIMON Fistula hook 220 mm



15 x 11 mm

Fistula hook

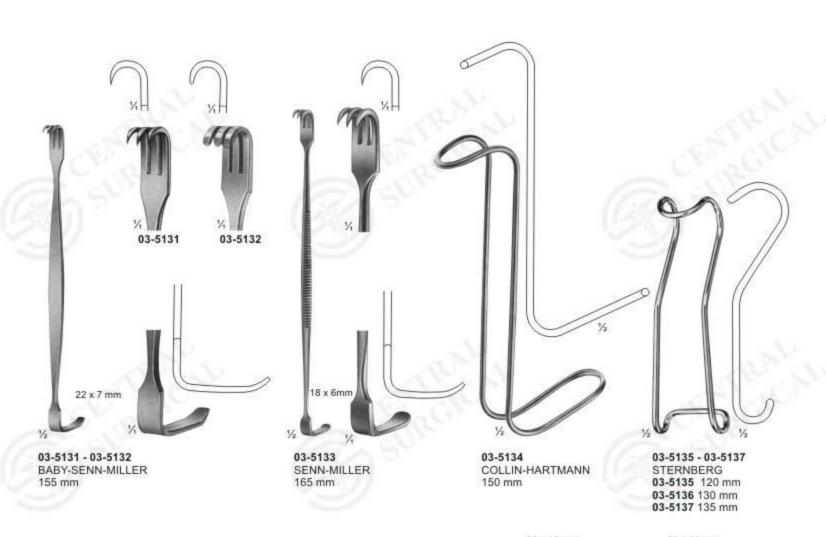
230 mm

03-5111

03-5111 KLAPP Tendon hooks 175 mm

Wound and Vein Retractors









Retractors



03-5153 MATHIEU

200 mm

03-5154 US-ARMY

220 mm

03-5152 CZERNY

175 mm



Bone Retractors and Retractors



03-5155 KOCHER Sharp 205 mm



03-5156 KOCHER Sharp 220 mm



03-5157 VOLKMANN Sharp 220 mm



03-5158 VOLKMANN Blunt 220 mm



03-5159 VOLKMANN Sharp 220 mm



03-5160 9 x 8 mm



03-5161 9 x 13 mm



03-5162 9 x 19 mm



03-5163 9 x 29 mm



03-5164 8,5 x 8 mm



03-5165 8,5 x 13 mm



03-5166 8,5 x 19 mm



03-5167 8,5 x 29 mm

03-5160 - 03-5167 VOLKMANN 225 mm







Retractors, Deep form





Retractors



03-5196 - 03-5201 LANGENBECK 210 mm

03-5196 28 x 10 mm 03-5197 28 x 14 mm 03-5198 33 x 14 mm 03-5199 28 x 16 mm 03-5200 40 x 10 mm 03-5201 40 x 13 mm

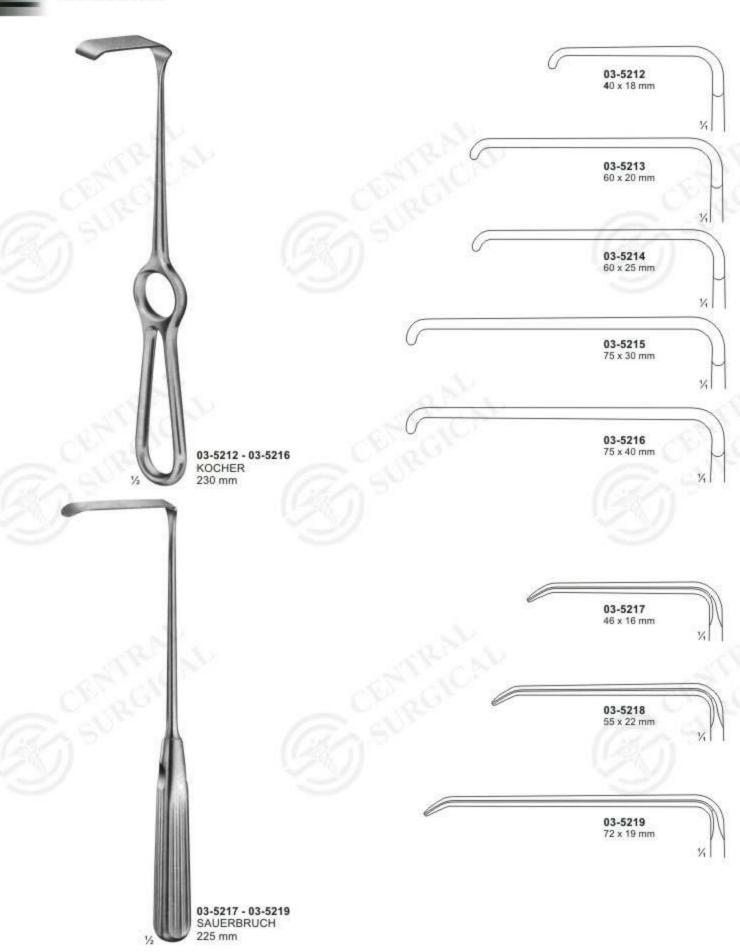


03-5202 - 03-5210 KOCHER-LANGENBECK 215 mm

03-5202 25 x 6 mm 03-5203 35 x 8 mm 03-5204 35 x 11 mm 03-5205 35 x 15 mm 03-5206 41 x 11 mm 03-5207 55 x 11 mm 03-5208 70 x 14 mm 03-5209 80 x 12mm 03-5210 80 x 16mm



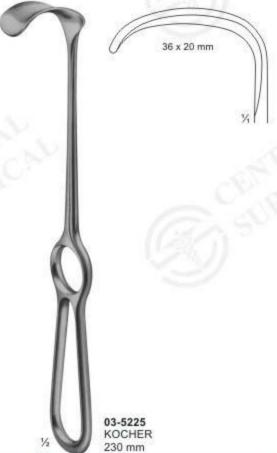




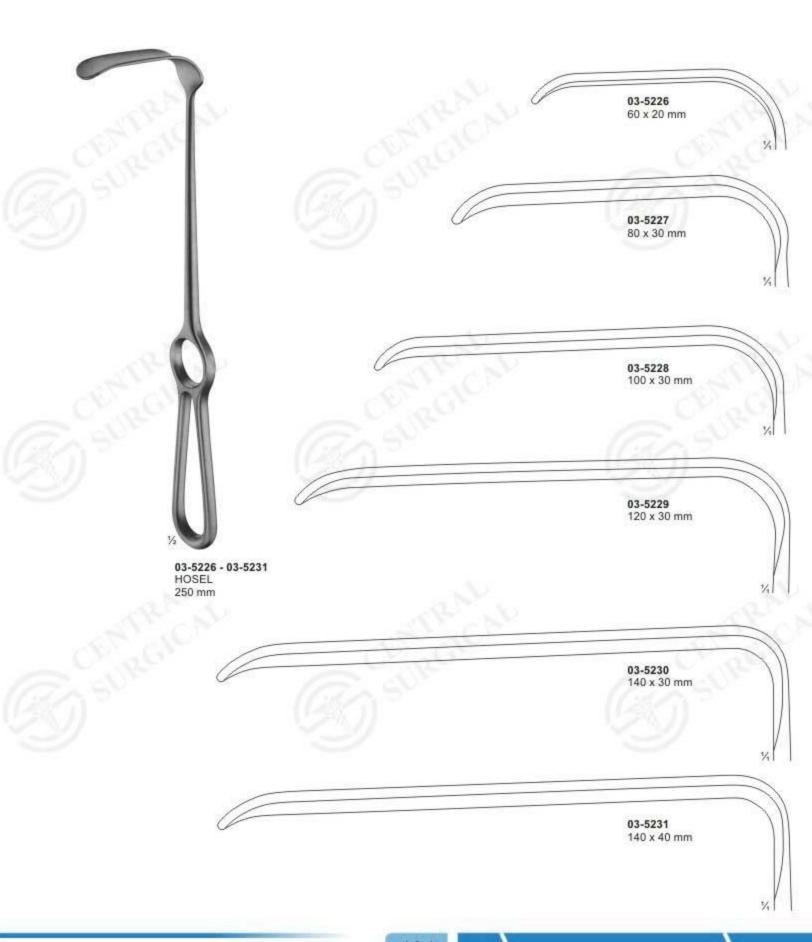














Retractors





03-5235 - 03-5237 RICHARDSON 240 mm

132





03-5239 - 03-5240 KELLY 260 mm





Retractors For Deep Surgery

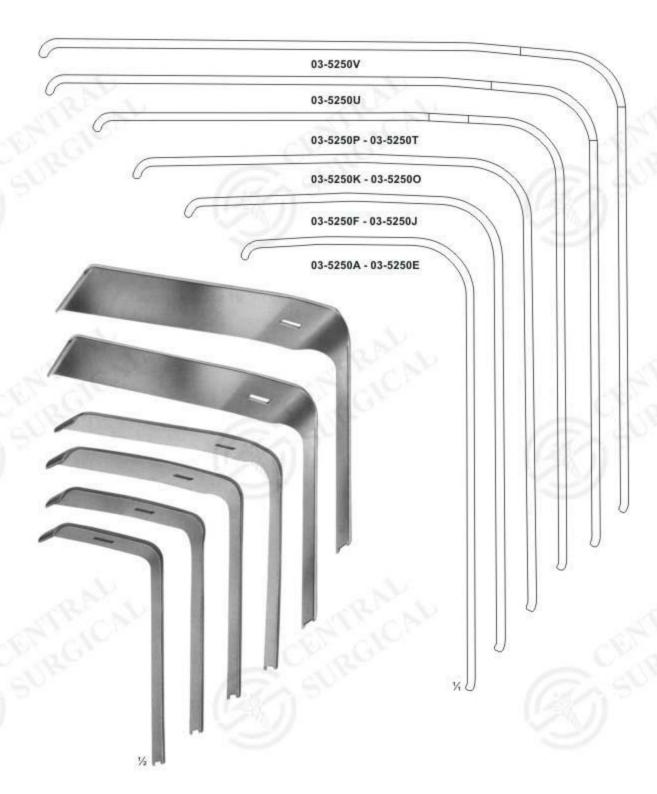




Retractors For Deep Surgery



Retractors, Vario Retractor System, Germ. Fed Patent, Germ. Fed. Regd.Des, US-Patent.



Retractor blades for	handles 03-5250
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Depth	Width						
1000	14mm	18mm 2	2mm 26	mm 30m	m 40mm	50mm	
55mm	03-5250A	03-5250B	03-5250C	03-5250D	03-5250E	*	-
75mm	03-5250F	03-5250G	03-5250H	03-52501	03-5250J		
95mm	03-5250K	03-5250L	03-5250M	03-5250N	03-52500	-	
115mm	03-5250P	03-5250Q	03-5250R	03-5250S	03-5250T	(140);	(*)
135mm	-		-		- 03-5250U	2	
145mm	*	29	*	*		-03-525	OV



Retractors, Vario Retractor System, Germ. Fec Patent, Germ. Fed. Regd.Des, US-Patent.









54 mm

Flexible 295 mm















Retractors For Deep Surgery (Abdominal Retractors)





Retractors For Deep Surgery (Abdominal Retractors)



Retractors, Abdominal Retractors



Length

of Blades Width of Blades

35mm 45mm 60mm 62mm 03-5287 03-5290 03-5294 92mm 03-5288 03-5291 03-5295 122mm 03-5289 03-5292 03-5296 160mm 03-5293 03-5297

Abdominal Retractors



03-5304 - 03-5308 ROCHARD 310 mm 03-5304 48 x 90 mm 03-5305 48 x 105 mm

03-5306 48 x 120 mm 03-5307 48 x 135 mm 03-5308 48 x 155 mm



03-5309 ROCHARD Fixation device for



03-5310 - 03-5313 DOYEN 280 mm 03-5310 48 x 90 mm 03-5311 48 x 105 mm 03-5312 48 x 120 mm 03-5313 48 x 135 mm



03-5314 DOYEN-CHILD Fixation device 220 mm



03-5315 Chain with weight 645g 790 mm

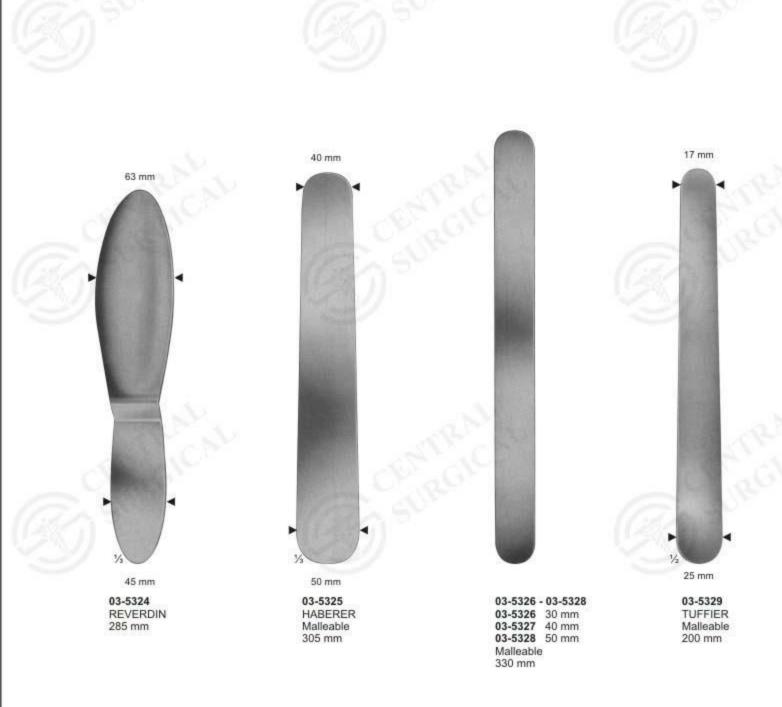
Pelvis Retractors



Abdominal- and Intestinal Spatulas



Abdominal- and Intestinal Spatulas







03-5330 BOSE 60 mm



03-5331 FINSEN 50 mm



03-5332 FINSEN 70 mm



03-5333 FINSEN modif.



03-5334 45 mm



03-5335 55 mm



03-5336 MUELLER 65 mm



03-5337 100 mm



03-5338 - 03-5339 03-5338 70 mm 03-5339 100 mm



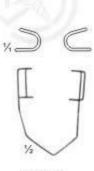
03-5340 LOGAN modif. REILL 50 mm



03-5341 JANSEN 100 mm



03-5342 JANSEN 100 mm



03-5343 BARRAQUER 45 mm





03-5344 WEITLANER Sharp 110 mm





03-5347 WEITLANER Sharp 130 mm



03-5345 WEITLANER Semi-Sharp 110 mm





03-5348 WEITLANER Semi-Sharp 130 mm



03-5346 WEITLANER Blunt 110 mm



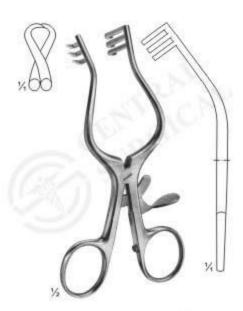


03-5349 WEITLANER Blunt 130 mm

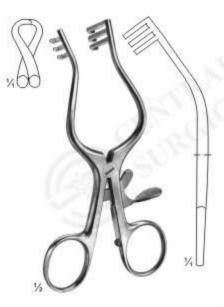




03-5350 WEITLANER Sharp 130 mm



03-5351 WULLSTEIN Sharp 130 mm



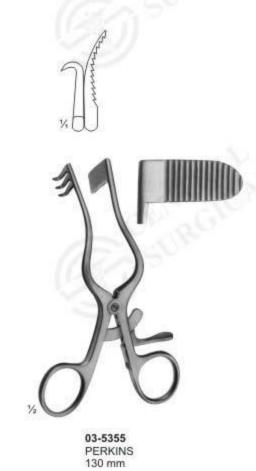
03-5352 WULLSTEIN Blunt 130 mm



03-5353 WEITLANER Sharp 165 mm

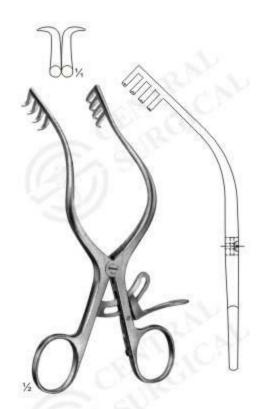


03-5354 PLESTER Blunt 110 mm





03-5356 ADSON-BABY Blunt 140 mm



03-5357 MOLLISON Sharp 155 mm



03-5358 MAYO-ADAMS 165 mm



Self-Retaining Laminectomy Retractors



03-5359 ANDERSON-ADSON Sharp 190 mm



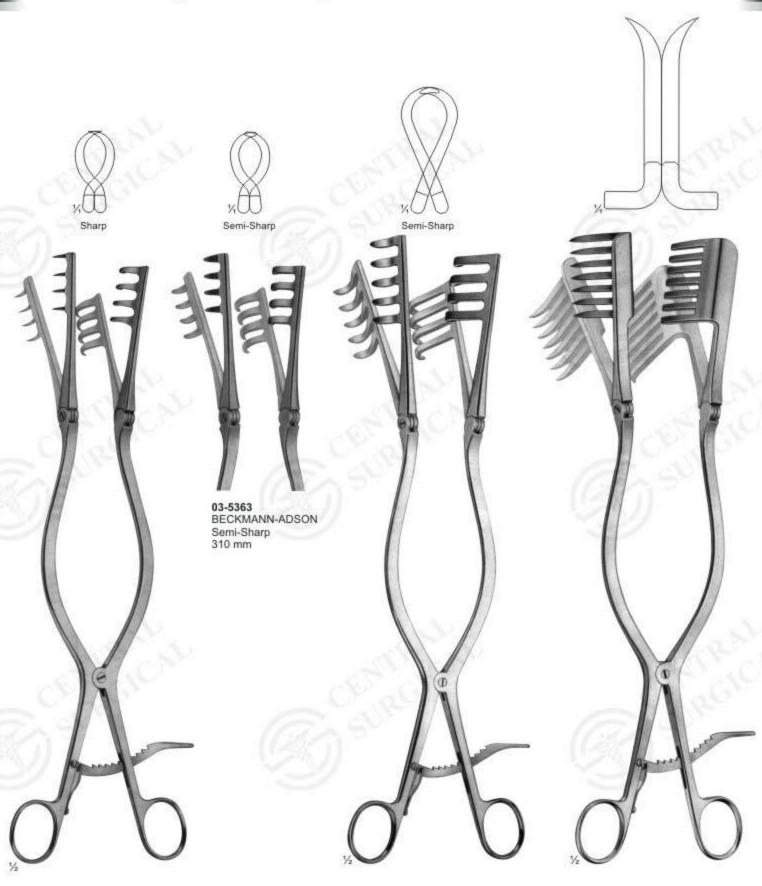
03-5360 NORFOLK and NORWICH Blunt 220 mm



03-5361 ADSON Sharp 265 mm



Self-Retaining Laminectomy Retractors



03-5362 - 03-5363 BECKMANN-ADSON Sharp 310 mm 03-5364 ADSON Semi-Sharp 320 mm 03-5365 BECKMANN-EATON Sharp 320 mm



Special Retractors



03-5366 JOLL (FRIEDMAN) Thyroid- and Vaginal Retractor 155 mm





03-5368 GELPI Vaginal Retractor 135 mm



03-5369 GELPI Skin- and Vaginal Retractor 175 mm

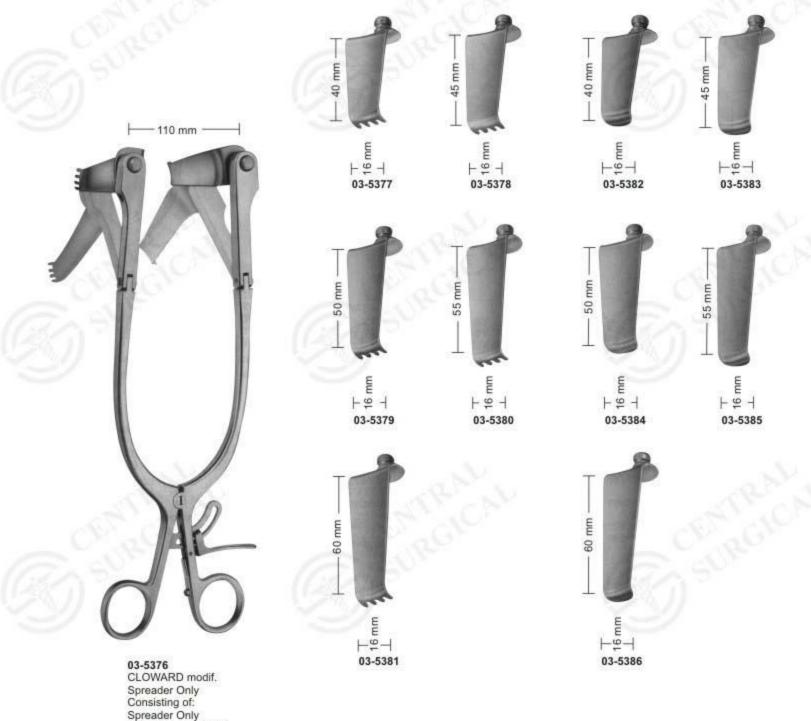


03-5370 DE BAKEY Femur Retractor 145 mm

Self Retaining Retractors for Laminectomy and other Operations



Retractors for Cervical Spine



Blades only used for 03-5375

1 Blade

1 Blade

1 Blade

1 Blade 1 Blade

03-5377 03-5378

03-5379

03-5380

03-5381

Retractors for Cervical Vertebral Column



03-5387 CASPAR

Retractor, adjustable, consisting of: 5 medial blades (03-5389 - 03-5393 5 Lateral blades. (03-5394 - 03-5398) and the retractor only By Reversing the Screw, The Retractor Can be Used From Both Sides

To be used preferably for transverse retraction.



03-5389 40 x 23 mm 03-5390 45 x 23 mm 03-5391 50 x 23 mm 03-5392 55 x 23 mm 03-5393 60 x 23 mm

Medial blades



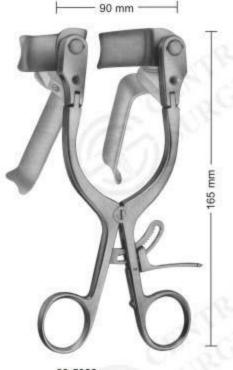
03-5394 40 x 23 mm 03-5395 45 x 23 mm 03-5396 50 x 23 mm 03-5397 55 x 23 mm 03-5398 60 x 23 mm Lateral blades



03-5399 45 x 23 mm 03-5400 50 x 23 mm 03-5401 55 x 23 mm 03-5402 60 x 23 mm 03-5403 65 x 23 mm Blunt blades



03-5404 50 x 25 mm 03-5405 60 x 25 mm Blunt blades, for harvesting of the fusion graft from the iliac crest



O3-5388
CASPAR
Counter retractor, adjustable,
consisting of: 5 blades. (03-5399 - 03-5403)
and the retractor only

To be used preferably for up and down retraction.



03-5406 40 x 25 mm 03-5407 45 x 25 mm 03-5408 50 x 25 mm 03-5409 55 x 25 mm 03-5410 60 x 25 mm Medial Titan blades semi transparent to x-ray



03-5411 40 x 25 mm 03-5412 45 x 25 mm 03-5413 50 x 25 mm 03-5414 55 x 25 mm 03-5415 60 x 25 mm Lateral Titan blades semi transparent to x-ray

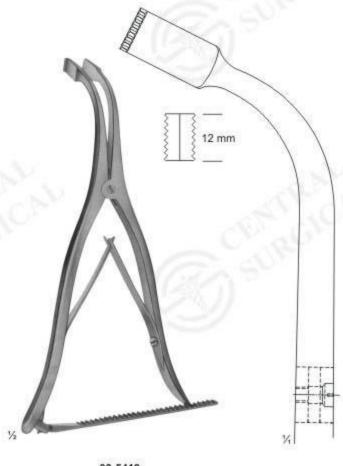


Lamina Spreaders

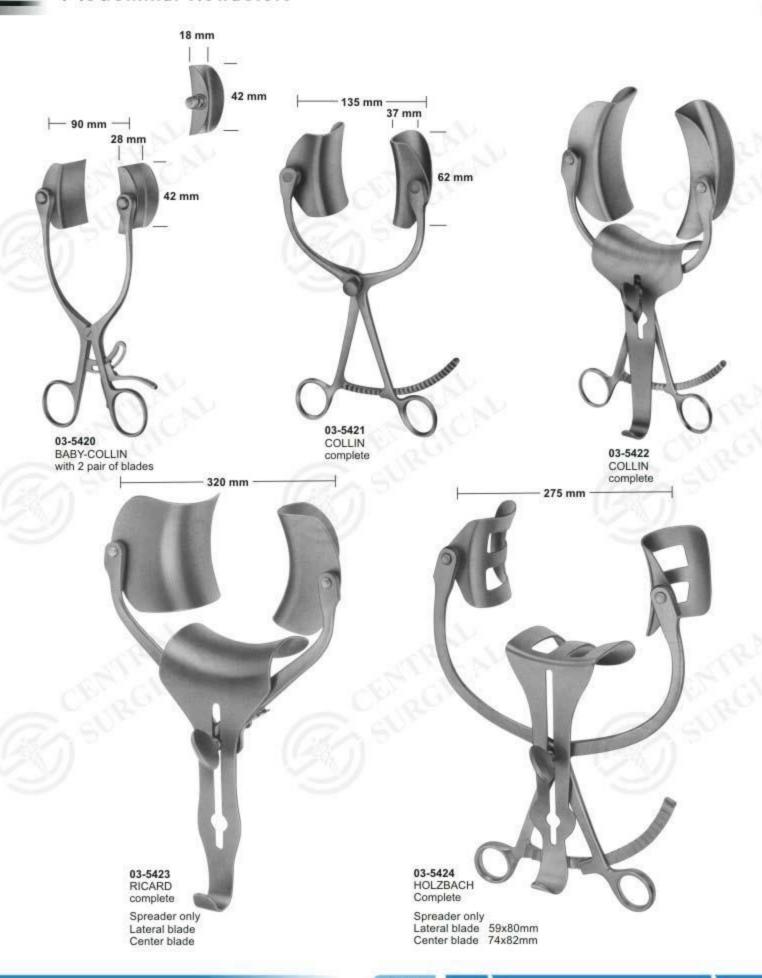






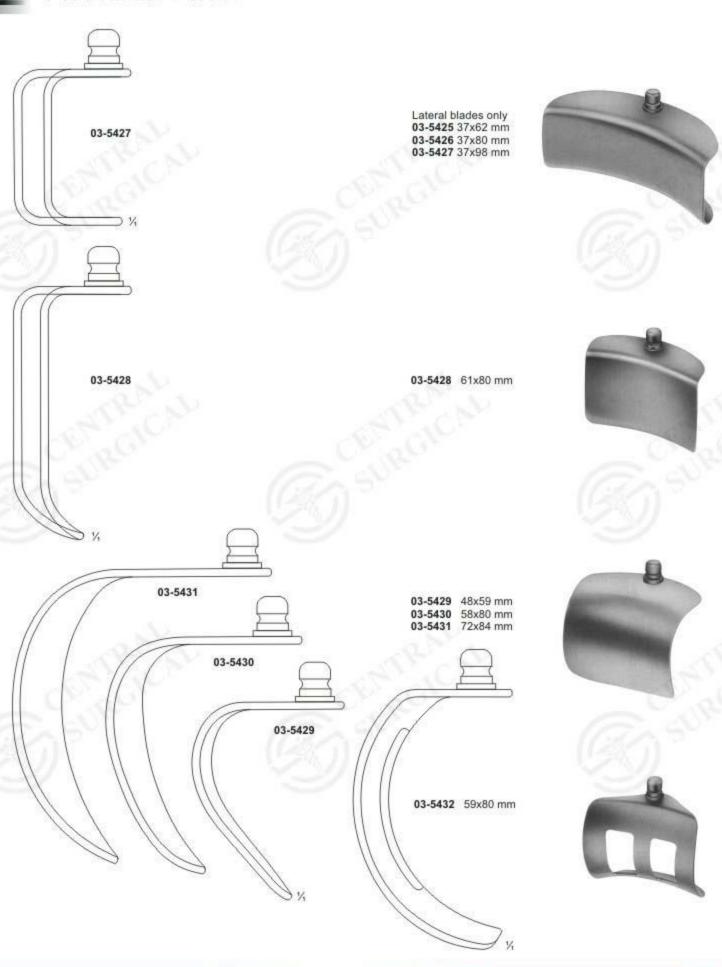


INGE 170 mm



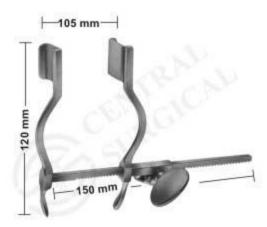


Abdominal Baldes





03-5433 GOSSET Blades:38 mm deep



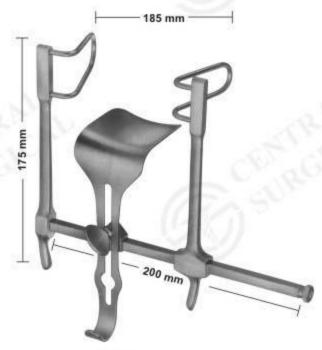
03-5434 HERTZLER Blades 20 X 25 mm



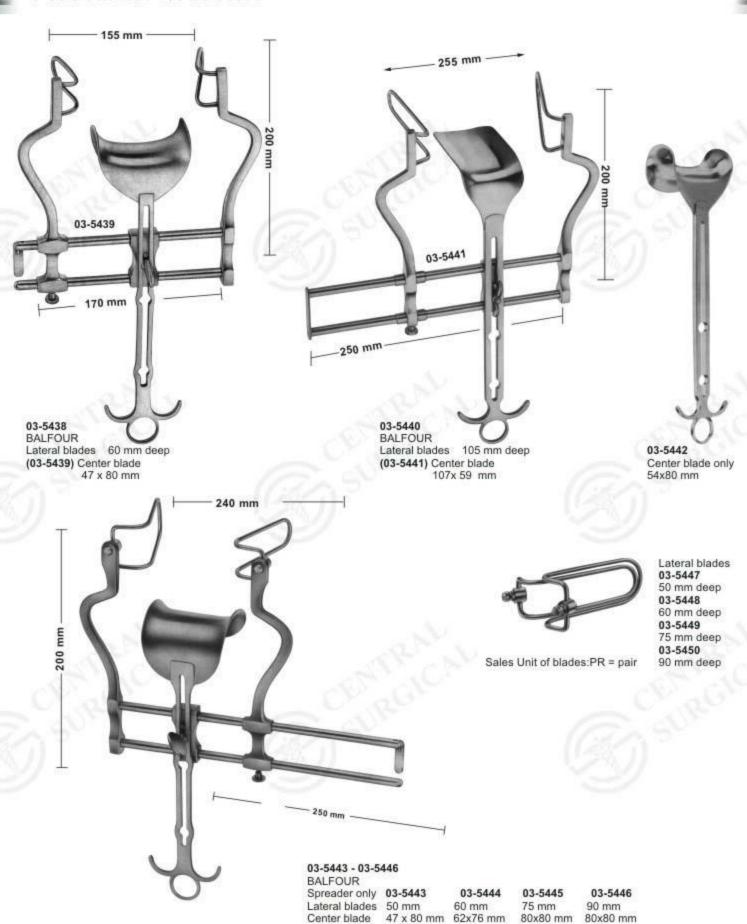
03-5435 BALFOUR-BABY Lateral blades 27 mm deep (03-5435) Center blade 21x24 mm



03-5436 GOSSET Blades:55mm deep



03-5437 GOSSET Lateral blades 58 mm deep Center blade 59 x 57 mm



Center blade

