

SELF-RETAINING RETRACTOR

19



PAGE 001 to 031



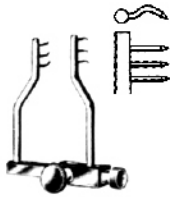
- EN Self Retaining Retractors
- DE Wundspreizer, Selbsthalend
- ES Separadores con retenida automatica

SERVING HEALTHCARE WORLDWIDE

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RETRACTORS



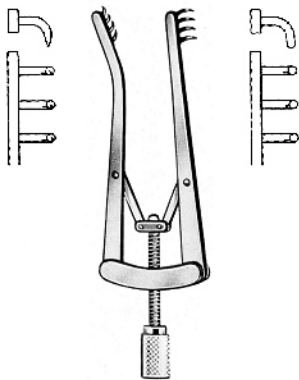
LOGAN
19.0010.04 4.0cm



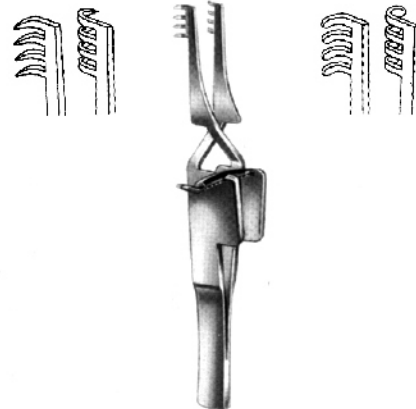
BUCKLEY
19.0014.06 6.0cm



19.0020.08 8.0cm



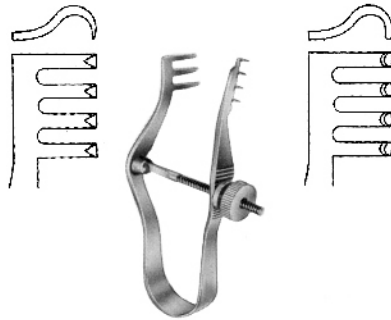
ALM
sharp 19.0030.07 7.0cm
blunt 19.0032.07 7.0cm
sharp 19.0030.10 10.0cm
blunt 19.0032.10 10.0cm



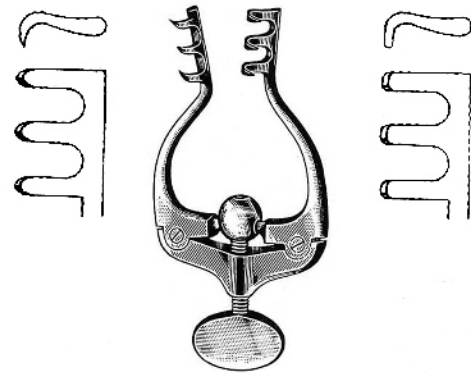
KAUPP
shrap 19.0040.10 10.0cm
blunt 19.0042.10 10.0cm



FINSEN
sharp 19.0050.05 5.0cm
blunt 19.0052.05 5.0cm
sharp 19.0050.07 7.0cm
blunt 19.0052.07 7.0cm



FINSEN
sharp 19.0054.05 5.0cm
blunt 19.0056.05 5.0cm
sharp 19.0054.07 7.0cm
blunt 19.0056.07 7.0cm



JANSEN
sharp 19.0060.10 10.0cm
blunt 19.0062.10 10.0cm

19.0062.10

19-001

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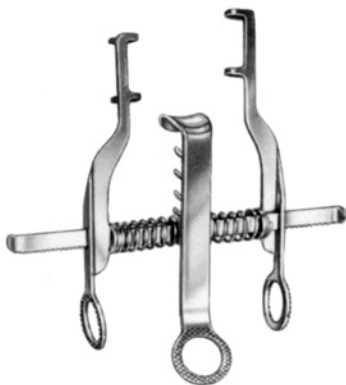
RETRACTORS



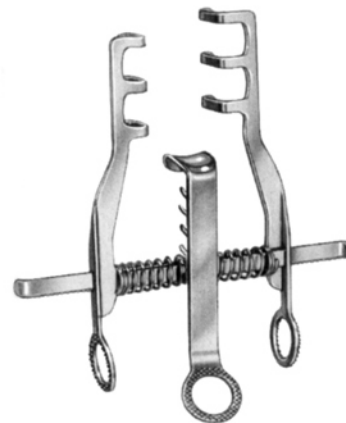
VICKERS
 19.0070.00 5.0cm



VICKERS 7.5cm
 19.0072.00 complete with central blade
 19.0072.01 10x12mm
 19.0072.02 10x18mm



VICKERS 7.5cm
 19.0074.00 complete with central blade
 19.0072.01 10x12mm
 19.0072.02 10x18mm



VICKERS 9.0cm
 19.0076.00 complete with central blade
 19.0072.01 10x12mm
 19.0072.02 10x18mm

19.0076.02

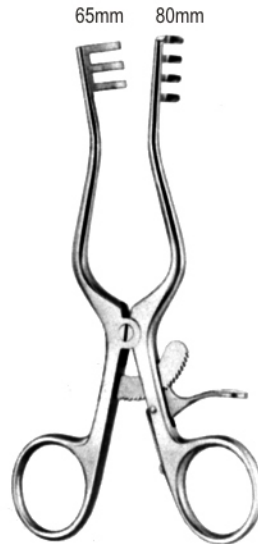
19-002

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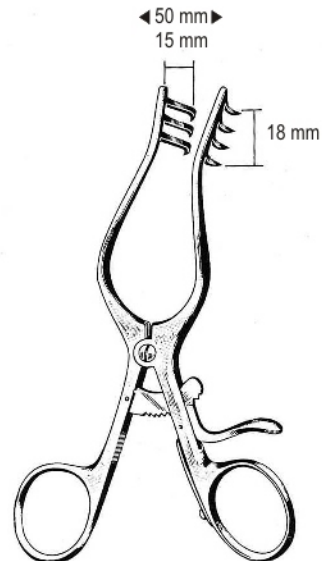
RETRACTORS



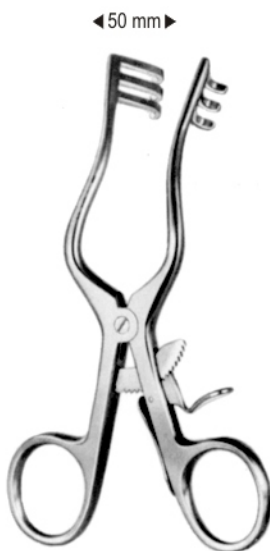
WEITLANER-LOKTITE
sharp blunt
19.0080.10 10.5cm 19.0082.10



WEITLANER
sharp blunt
19.0084.13 13.0cm 19.0086.13
19.0084.14 14.0cm 19.0086.14
19.0084.16 16.0cm 19.0086.16



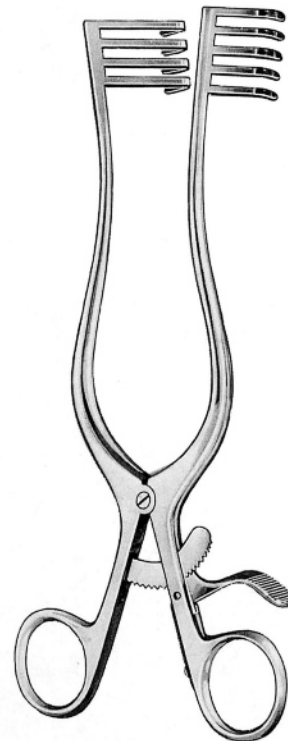
WEITLANER-WULLSTEIN
sharp blunt
19.0088.13 13.0cm 19.0089.13



WEITLANER-WULLSTEIN
sharp blunt
19.0090.13 13.0cm 19.0092.13



WEITLANER
sharp blunt
19.0094.20 20.0cm 19.0096.20
19.0094.23 23.0cm 19.0096.23
19.0094.26 26.0cm 19.0096.26



TRAVERS
19.0100.20 20.0cm
19.0100.21 21.0cm

19.0100.21

19-003

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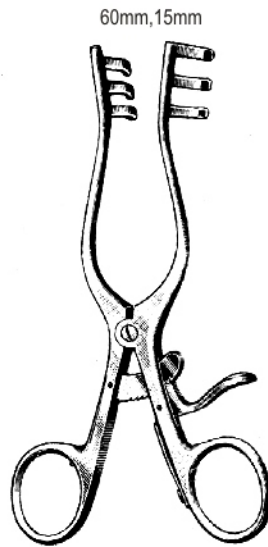
RETRACTORS



WEITLANER-BABY
 19.0104.13 13.0cm



MILLIGAN
 19.0110.13 13.0cm



WEST
 sharp 19.0114.13
 blunt 19.0116.13
 13.0cm



ANDERSON-ADSON
 19.0120.19 19.5cm



PLESTER
 sharp 19.0124.13
 blunt 19.0126.13
 13.0cm



PLESTER
 19.0130.11 11.0cm



PLESTER
 19.0132.11 11.0cm

19.0132.11

19-004

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RETRACTORS



SCALP CONTOUR
 sharp blunt
 19.0140.14 14.0cm 19.0142.14



MOLLISON
 19.0150.16 16.5cm



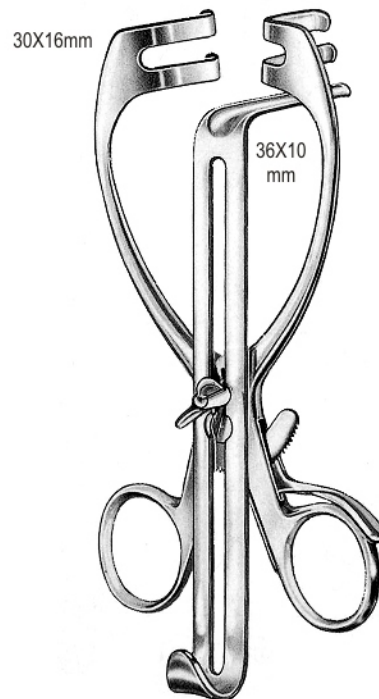
MOLLISON
 19.0152.15 15.0cm



RIGBY
 19.0156.18 18.0cm



MAYO-ADAMS
 19.0160.17 17.0cm



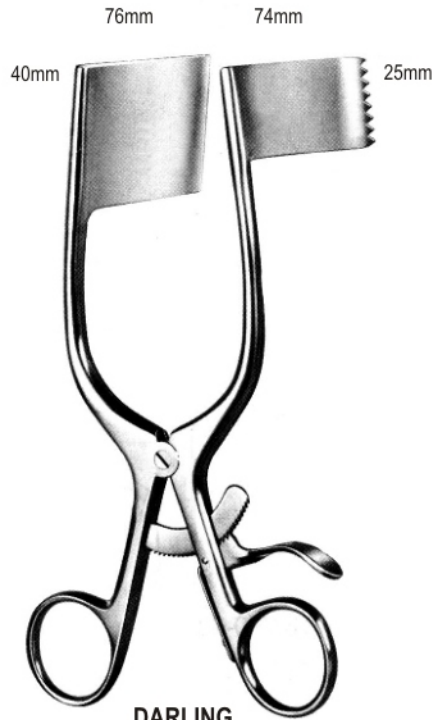
MAYO-ADAMS
 19.0162.17 17.0cm

19.0162.17

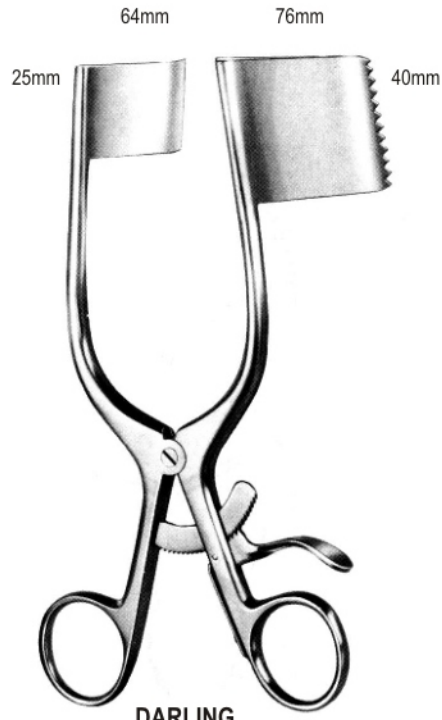
19-005

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RETRACTORS



DARLING
19.0170.18 18cm



DARLING
19.0172.18 18cm



HENLEY
sharp 19.0176.01 16.5cm blunt 19.0176.02



centre blade
19.0176.19
16x19mm

centre blade
19.0176.25
16x25mm

centre blade
19.0176.32
16x32mm

19.0176.32

19-006

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RETRACTORS



GELPI-LOKTITE
 19.0180.13 13.0cm



GELPI
 19.0182.09 09.0cm
 19.0182.14 14.0cm
 19.0182.16 16.0cm
 19.0182.18 18.0cm



GELPI
 19.0186.18 18.0cm



GELPI-SEILETZ
 19.0190.15 15.0cm



GELPI-LOKTITE
 19.0194.18 18.0cm



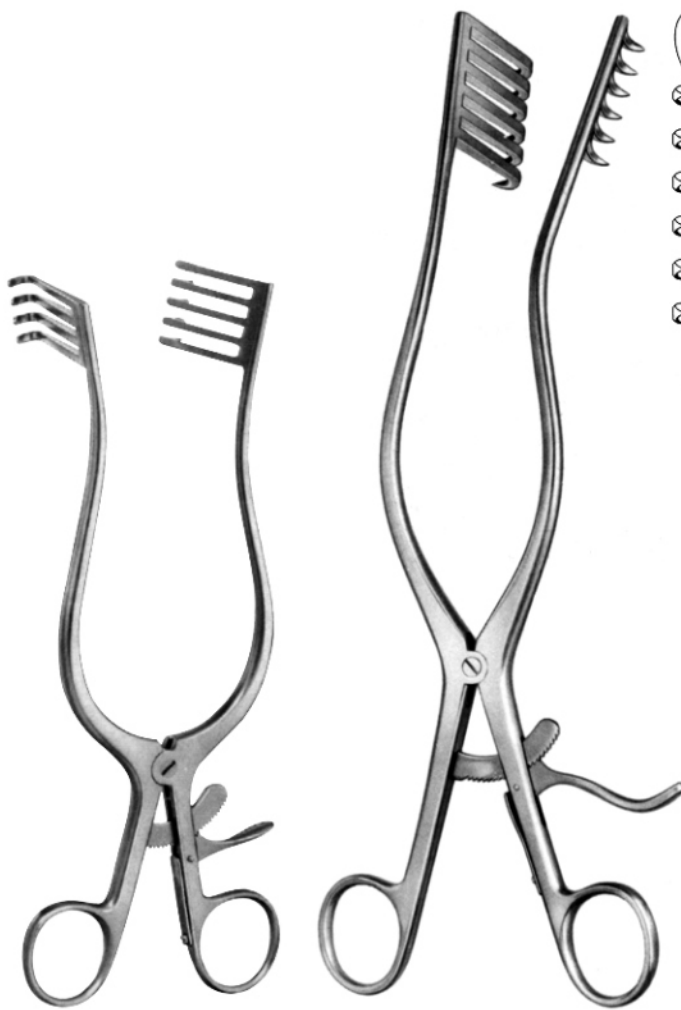
GELPI-LOKTITE
 19.0196.18 18.0cm

19.0196.18

19-007

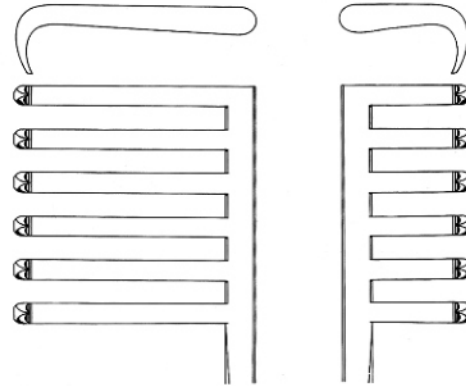
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RETRACTORS

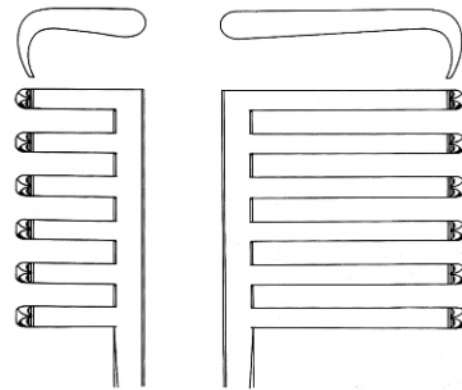


NORFOLK-NORWICH
19.0200.22 22.0cm

27.0cm



19.0204.01



19.0204.02

RETRACTORS



ADSON

	sharp		blunt
19.0210.13	13.0cm	19.0212.13	
19.0210.16	16.0cm	19.0212.16	
19.0210.20	20.0cm	19.0212.20	
19.0210.26	26.0cm	19.0212.26	

ADSON

19.0216.32 32.0cm

HARVEY JACKSON

19.0220.28 28.0cm

19.0220.28

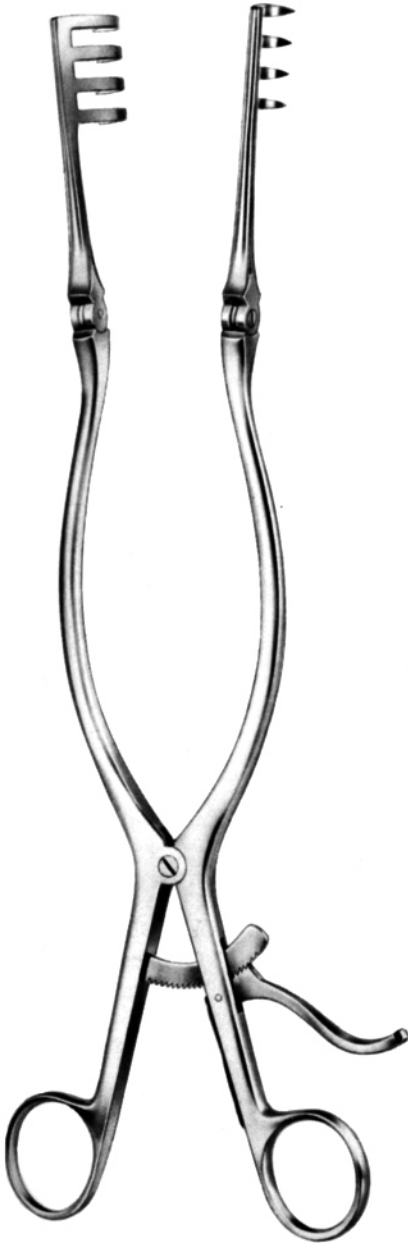
19-009

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RETRACTORS

150mm



BECKMANN
 19.0224.31 31.0cm



BECKMANN-EATON
 19.0230.32 32.0cm



BECKMANN-ADSON
 sharp 31.0cm blunt
 19.0234.01 27x27mm 19.0236.01
 19.0234.02 46x27mm 19.0236.02

19.0236.02

19-010

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RETRACTORS



CLOWARD
16.0cm
19.0240.00 complete
19.0240.01 frame



CLOWARD
25.0cm
19.0242.00 complete
19.0242.01 frame



CLOWARD-HOEN
23.0cm
19.0244.00 complete
19.0244.01 frame



19.0246.40 40x16mm
19.0246.45 45x16mm
19.0246.50 50x16mm
19.0246.55 55x16mm
19.0246.60 60x16mm



19.0248.40
19.0248.45
19.0248.50
19.0248.55
19.0248.60

19.0248.60

19-011

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RETRACTORS



CASPAR
 19.0254.00 complete
 19.0254.17 without blade

19.0254.40 40mm

19.0254.45 45mm

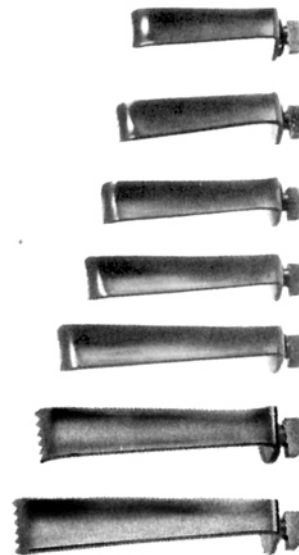
19.0254.50 50mm

19.0254.55 55mm

19.0254.60 60mm

19.0254.65 65mm

19.0254.70 70mm



CASPAR
 19.0260.45 - 19.0260.65



19.0260.45 45mm
 19.0260.50 50mm
 19.0260.55 55mm
 19.0260.60 60mm
 19.0260.65 65mm

19.0260.65

19-012

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RETRACTORS



CASPAR



- 19.0262.40 40mm
- 19.0262.45 45mm
- 19.0262.50 50mm
- 19.0262.55 55mm
- 19.0262.60 60mm
- 19.0262.65 65mm
- 19.0262.75 75mm
- 19.0262.85 85mm



BLADE EJECTOR
19.0266.11 11.5cm



CASPAR
19.0270.00



- 19.0270.35 35mm
- 19.0270.40 40mm
- 19.0270.45 45mm
- 19.0270.50 50mm
- 19.0270.55 55mm
- 19.0270.60 60mm
- 19.0270.65 65mm
- 19.0270.75 75mm
- 19.0270.85 85mm

19.0270.85

19-013

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RETRACTORS



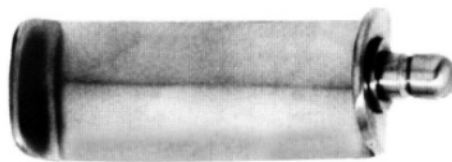
CASPAR
 19.0274.00 complete
 19.0274.15 without blade



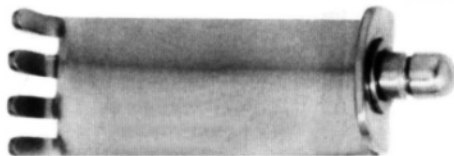
CASPAR
 19.0276.00 complete
 19.0276.15 without blade



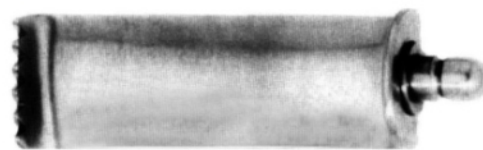
CASPAR
 19.0280.00 complete
 19.0280.01 without blade



19.0282.45 45x20mm
 19.0282.50 50x20mm
 19.0282.55 55x20mm
 19.0282.60 60x20mm
 19.0282.65 65x20mm



19.0284.40 40x20mm
 19.0284.45 45x20mm
 19.0284.50 50x20mm
 19.0284.55 55x20mm
 19.0284.60 60x20mm



19.0286.40 40x20mm
 19.0286.45 45x20mm
 19.0286.50 50x20mm
 19.0286.55 55x20mm
 19.0286.60 60x20mm

19.0286.60

19-014

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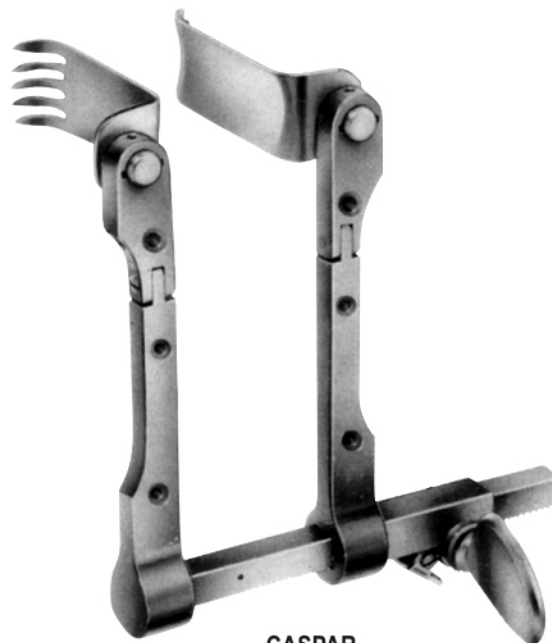
RETRACTORS



CASPAR
19.0290.00 complete
19.0290.01 without blade
115mmx85mm



CASPAR
19.0294.00 complete
19.0294.01 without blade
165mmx90mm



CASPAR
19.0300.00 complete
19.0300.01 without blade
120mmx90mm

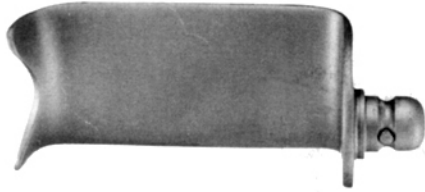
19.0300.01

19-015

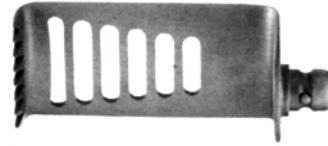
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RETRACTORS



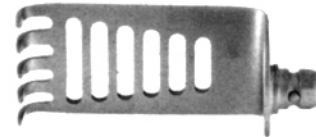
S.STEEL		TITANIUM	
19.0310.30	30x24mm	19.9310.30	
19.0310.35	35x24mm	19.9310.35	
19.0310.40	40x24mm	19.9310.40	
19.0310.45	45x24mm	19.9310.45	
19.0310.50	50x24mm	19.9310.50	
19.0310.55	55x24mm	19.9310.55	
19.0310.60	60x24mm	19.9310.60	
19.0310.65	65x24mm	19.9310.65	
19.0310.70	70x24mm	19.9310.70	
19.0310.75	75x24mm	19.9310.75	



S.STEEL		TITANIUM	
19.0316.25	25x24mm	19.9316.25	
19.0316.30	30x24mm	19.9316.30	
19.0316.35	35x24mm	19.9316.35	
19.0316.40	40x24mm	19.9316.40	
19.0316.45	45x24mm	19.9316.45	
19.0316.50	50x24mm	19.9316.50	
19.0316.55	55x24mm	19.9316.55	
19.0316.60	60x24mm	19.9316.60	
19.0316.65	65x24mm	19.9316.65	
19.0316.70	70x24mm	19.9316.70	



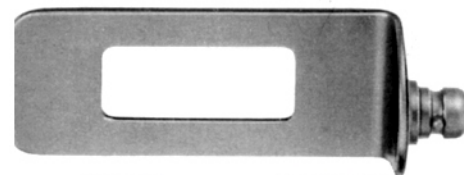
S.STEEL		TITANIUM	
19.0312.30	30x23mm	19.9312.30	
19.0312.35	35x23mm	19.9312.35	
19.0312.40	40x23mm	19.9312.40	
19.0312.45	45x23mm	19.9312.45	
19.0312.50	50x23mm	19.9312.50	
19.0312.55	55x23mm	19.9312.55	
19.0312.60	60x23mm	19.9312.60	
19.0312.65	65x23mm	19.9312.65	
19.0312.70	70x23mm	19.9312.70	
19.0312.75	75x23mm	19.9312.75	



S.STEEL		TITANIUM	
19.0318.25	25x24mm	19.9318.25	
19.0318.30	30x24mm	19.9318.30	
19.0318.35	35x24mm	19.9318.35	
19.0318.40	40x24mm	19.9318.40	
19.0318.45	45x24mm	19.9318.45	
19.0318.50	50x24mm	19.9318.50	
19.0318.55	55x24mm	19.9318.55	
19.0318.60	60x24mm	19.9318.60	
19.0318.65	65x24mm	19.9318.65	
19.0318.70	70x24mm	19.9318.70	



S.STEEL		TITANIUM	
19.0314.30	30x23mm	19.9314.30	
19.0314.35	35x23mm	19.9314.35	
19.0314.40	40x23mm	19.9314.40	
19.0314.45	45x23mm	19.9314.45	
19.0314.50	50x23mm	19.9314.50	
19.0314.55	55x23mm	19.9314.55	
19.0314.60	60x23mm	19.9314.60	
19.0314.65	65x23mm	19.9314.65	
19.0314.70	70x23mm	19.9314.70	
19.0314.75	75x23mm	19.9314.75	



S.STEEL		TITANIUM	
19.0320.50	50x25mm	19.9320.50	
19.0320.60	60x25mm	19.9320.60	

19.0336.60

19-016

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RETRACTORS



CASPAR
 19.0340.00 complete
 19.0340.01 without blades



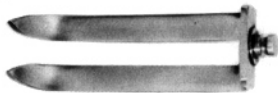
CASPAR
 19.0344.00 complete
 19.0344.01 without blades



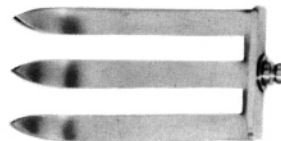
CASPAR
 19.0350.50 50mm



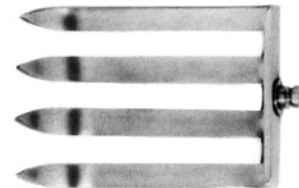
CASPAR
 19.0350.70 70mm



- 19.0352.35 35x22mm
- 19.0352.40 40x22mm
- 19.0352.45 45x22mm
- 19.0352.50 50x22mm
- 19.0352.55 55x22mm
- 19.0352.60 60x22mm
- 19.0352.65 65x22mm
- 19.0352.70 70x22mm



- 19.0354.35 35x37mm
- 19.0354.40 40x37mm
- 19.0354.45 45x37mm
- 19.0354.50 50x37mm
- 19.0354.55 55x37mm
- 19.0354.60 60x37mm
- 19.0354.65 65x37mm
- 19.0354.70 70x37mm



- 19.0356.35 35x52mm
- 19.0356.40 40x52mm
- 19.0356.45 45x52mm
- 19.0356.50 50x52mm
- 19.0356.55 55x52mm
- 19.0356.60 60x52mm
- 19.0356.65 65x52mm
- 19.0356.70 70x52mm

19.0356.70

19-017

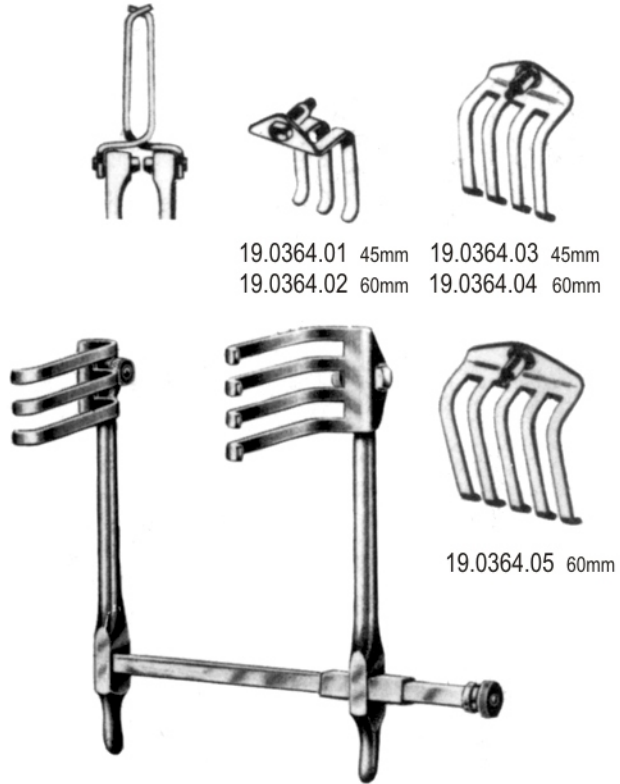
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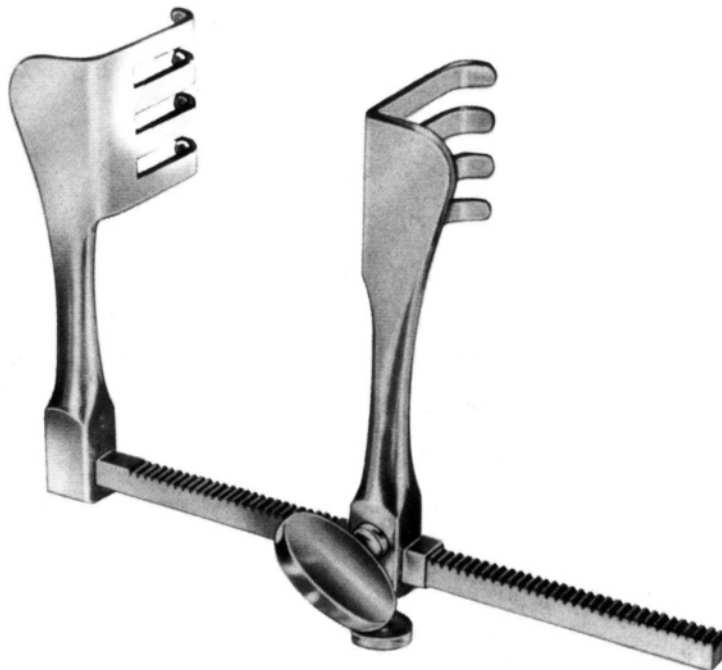
RETRACTORS



TEMPLE-FAY
 19.0360.00
 48x40x110mm



TEMPLE-FAY-ULRICH
 19.0364.00



BADGLEY
 19.0370.00 55x44x165 mm
 19.0372.00 60x44x165 mm

19.0372.00

19-018

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RETRACTORS



SCOVILLE
19.0380.00 frame only

SCOVILLE-HAVERFIELD
19.0382.00 frame only



SCOVILLE
19.0384.50
50mm



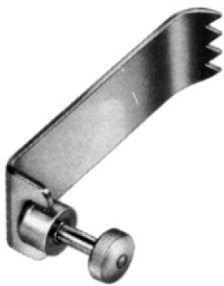
SCOVILLE
19.0384.70
70mm



SCOVILLE
19.0386.50
50mm



SCOVILLE
19.0386.70
70mm



SCOVILLE
19.0388.01 64x25mm
19.0388.02 64x50mm
19.0388.03 88x25mm



SCOVILLE
19.0390.01 41x38mm
19.0390.02 67x44mm



TAYLOR
19.0392.01 48x50mm
19.0392.02 64x50mm
19.0392.03 64x64mm
19.0392.04 80x57mm

19.0392.04

19-019

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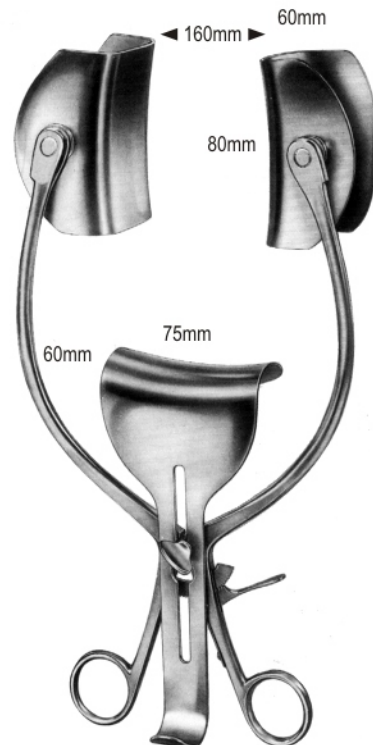
RETRACTORS



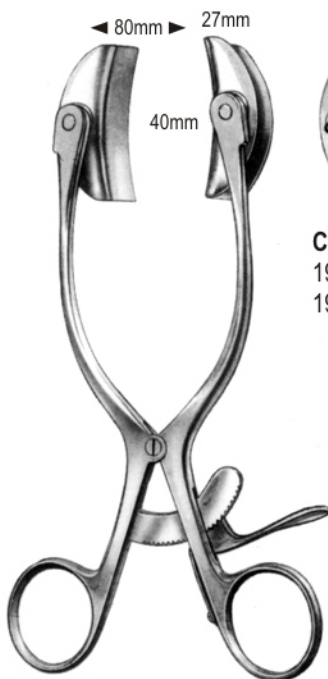
COLLIN
 19.0400.00
 with 1 pair of blades
 38x60mm



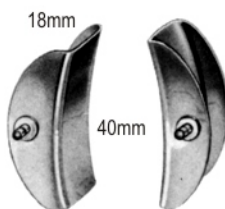
COLLIN
 lateral blades
 38x60mm 19.0402.00
 38x80mm 19.0404.00
 central blades
 38x55mm
 50x76mm



COLLIN
 26.0cm
 19.0406.00 complete
 19.0406.01 central blade 60x75mm



BABY-COLLIN
 19.0410.00
 complete set with 2 pairs of blades



COLLIN lateral blades
 19.0410.18 18x40mm
 19.0410.27 27x40mm



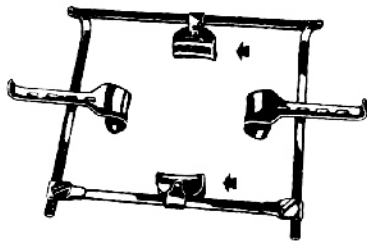
RICARD complete
 19.0420.00 28.0cm
 19.0422.00 30.0cm
 spreader only
 19.0424.01
 central blades
 19.0426.01 55x70mm
 19.0426.02 80x90mm
 lateral blades
 19.0430.40 50x58mm
 19.0430.45 60x80mm
 19.0430.60 72x85mm

19.0430.60

19-020

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RETRACTORS



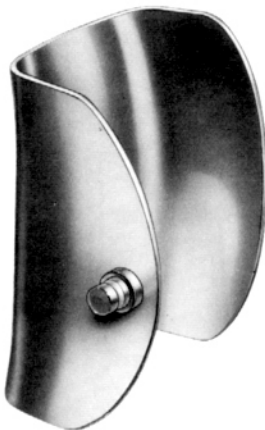
19.0430.45



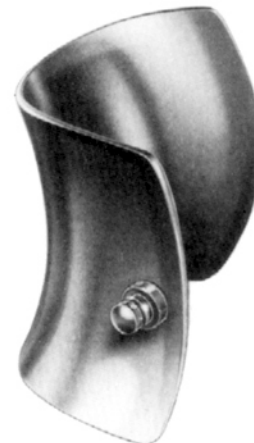
19.0410.00



19.0400.00



- 19.0428.50 18x40mm
- 19.0428.52 27x40mm
- 19.0428.70 38x60mm
- 19.0428.80 40x80mm
- 19.0428.90 45x80mm
- 19.0428.92 50x70mm
- 19.0428.94 60x80mm



- 19.0430.18 50x70mm
- 19.0430.27 52x110mm
- 19.0430.38 70x55mm
- 19.0430.39 80x90mm
- 19.0430.40 50x58mm
- 19.0430.45 60x80mm
- 19.0430.60 72x85mm



19.0402.00
19.0404.00



19.0406.00



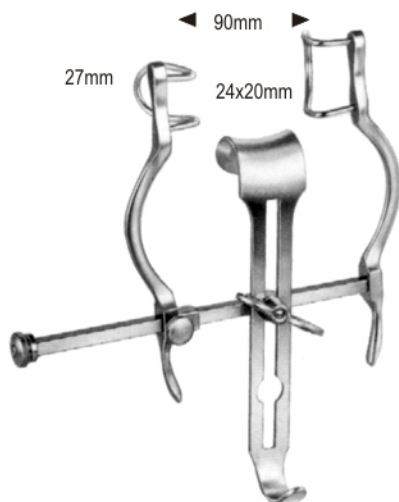
19.0420.00
19.0422.00

19.0422.00

19-021

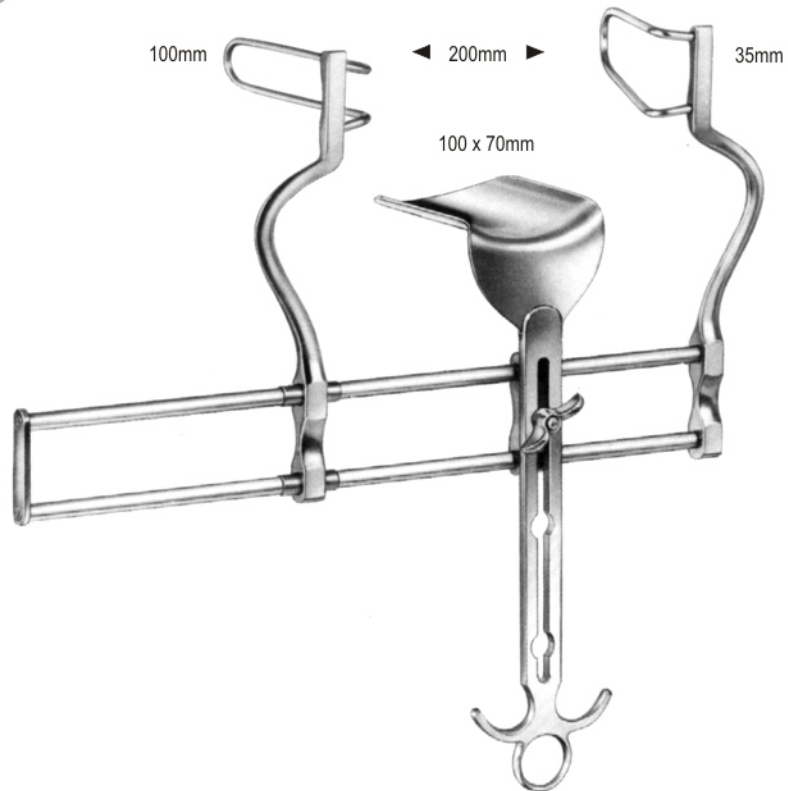
www.hilbro.net

RETRACTORS



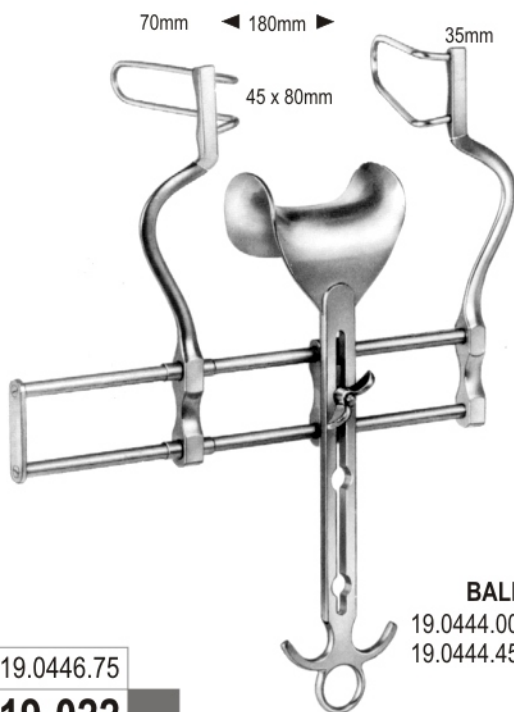
BALFOUR-BABY

19.0440.00 complete
 19.0440.24 centre blade



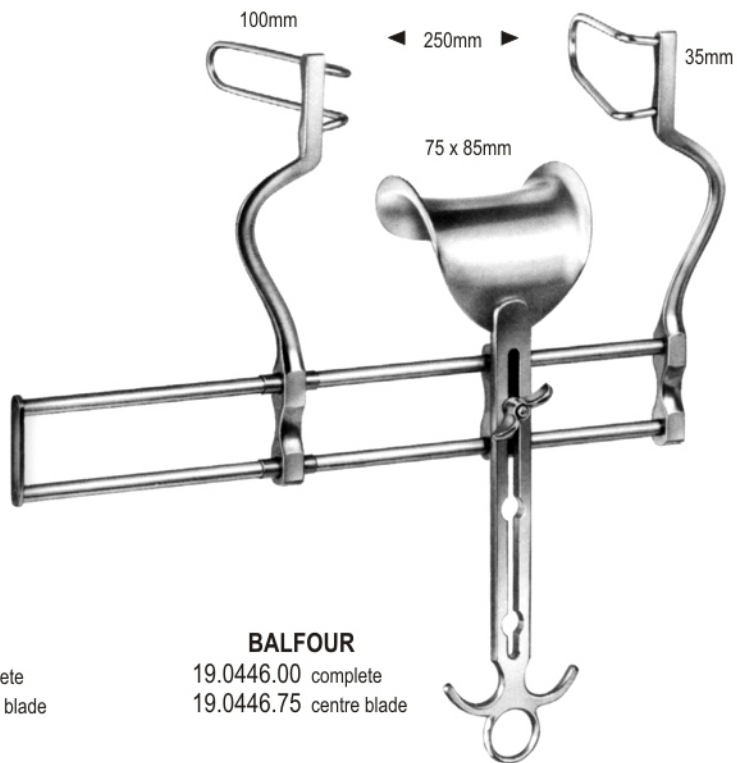
BALFOUR

19.0442.00 complete
 19.0442.10 centre blade



BALFOUR

19.0444.00 complete
 19.0444.45 centre blade



BALFOUR

19.0446.00 complete
 19.0446.75 centre blade

19.0446.75

19-022

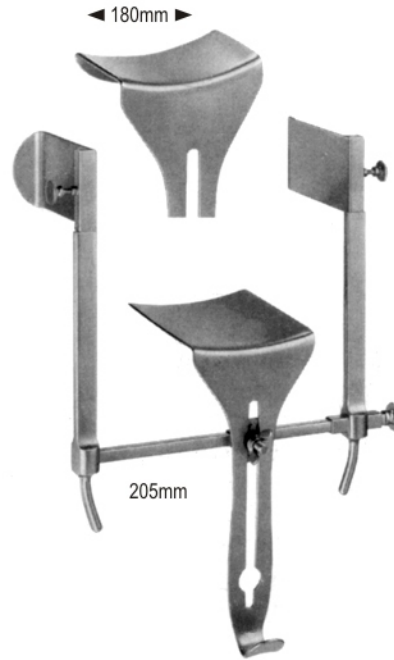
www.hilbro.net

RETRACTORS



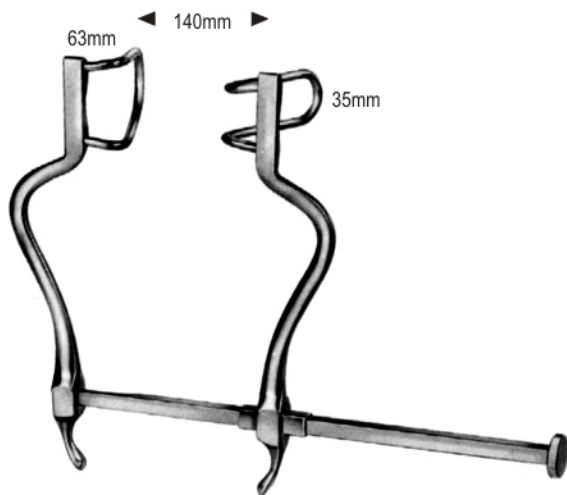
BERKELEY

- 19.0450.00 complete
- 19.0450.60 2 blades 60 x 35mm

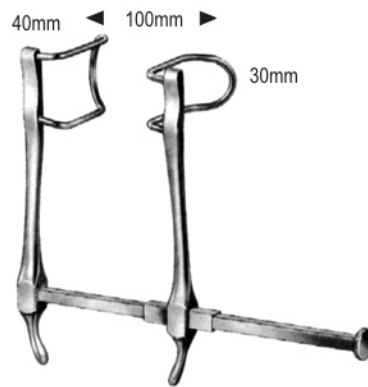


GOLIGHER

- 19.0454.00 complete
- 19.0454.51 1 centre blade 51mm deep
- 19.0454.10 1 pair lateral blades 51mm deep
- 19.0456.51 1 centre blade 102mm deep
- 19.0456.10 1 pair lateral blades 102mm deep



GOSSET
19.0460.00



GOSSET
19.0462.00

19.0462.00

19-023

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EN Retractors

DE Wundhaken

ES Separadores



RETRACTORS



GOSSET

19.0464.00 complete

19.0464.16 central blade



19.0470.08
8cm blade pair



BALFOUR US-TYPE

19.0470.00



19.0470.06
6cm blade pair

19.0470.06

19-024

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Center Blade Only EN

Mittelblatt allein DE

Valva central suelta ES

19

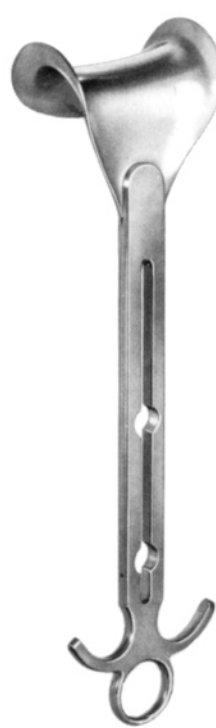
RETRACTORS



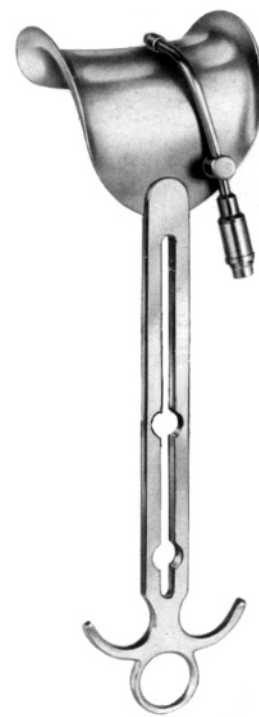
BALFOUR
19.0480.80 80x90mm



DOYEN
19.0482.95 55x95mm
19.0482.10 55x105mm
19.0482.11 55x115mm
19.0482.12 55x125mm



BALFOUR
19.0484.40 40x68mm
19.0484.68 68x85mm



BALFOUR
19.0486.68 68x85mm

19.0486.68

19-025

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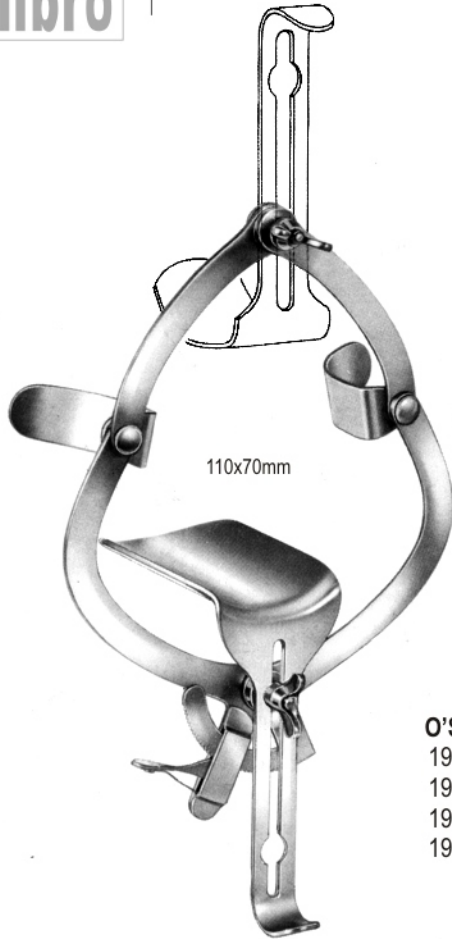
EN Abdominal Retractors

DE Bauchdeckenhalter

ES Separadores abdominales



RETRACTORS



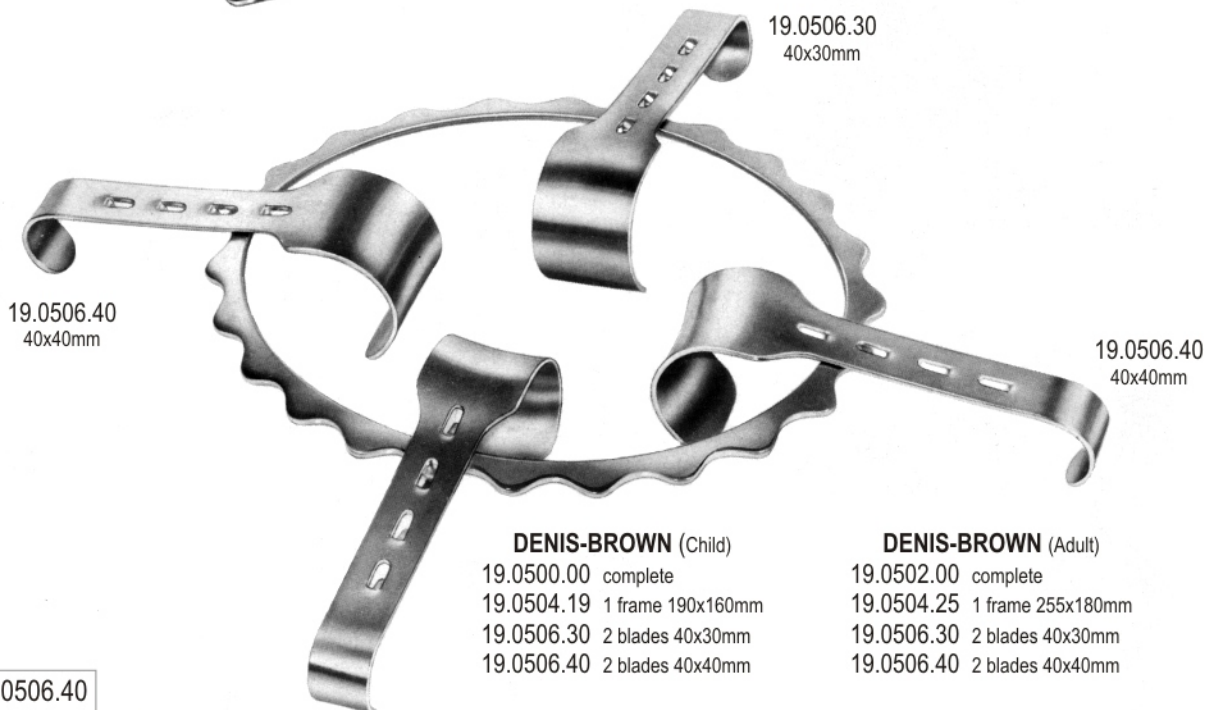
110x70mm

O'SULLIVAN-O'CONNOR

- 19.0490.00 set
- 19.0490.01 frame
- 19.0490.02 blade
- 19.0490.03 blade 110x70mm



19.0490.04
80x45mm



19.0506.40
40x40mm

19.0506.30
40x30mm

19.0506.40
40x40mm

DENIS-BROWN (Child)

- 19.0500.00 complete
- 19.0504.19 1 frame 190x160mm
- 19.0506.30 2 blades 40x30mm
- 19.0506.40 2 blades 40x40mm

DENIS-BROWN (Adult)

- 19.0502.00 complete
- 19.0504.25 1 frame 255x180mm
- 19.0506.30 2 blades 40x30mm
- 19.0506.40 2 blades 40x40mm

19.0506.30
40x30mm

19.0506.40

19-026

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RETRACTORS



19.0512.40
40x55mm

19.0512.50
50x65mm

19.0512.60
60x85mm

19.0512.78
78x65mm

19.0512.80
80x90mm

19.0512.98
98x50mm

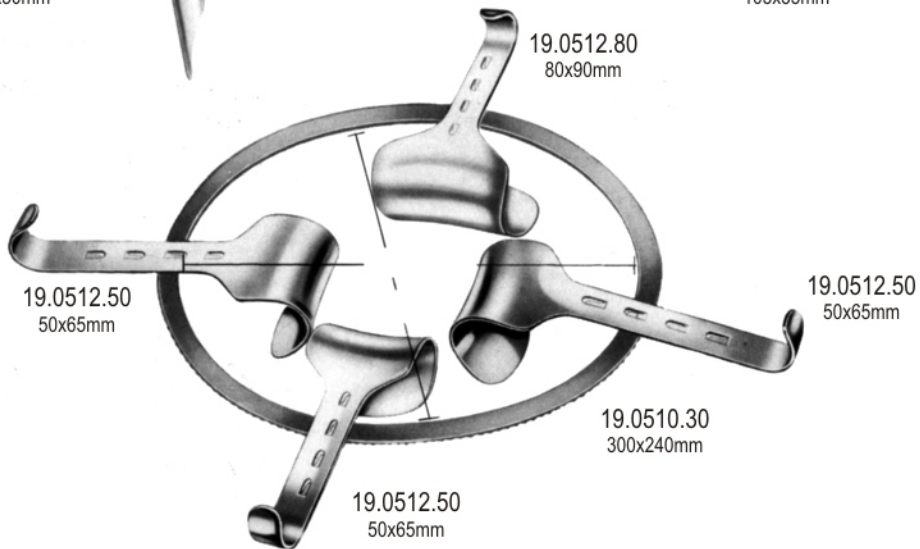
19.0512.99
105x35mm



19.0512.98
98x50mm



19.0512.99
105x35mm



19.0512.80
80x90mm

19.0512.50
50x65mm

19.0512.50
50x65mm

19.0510.30
300x240mm

19.0512.50
50x65mm

KIRSCHNER, OVAL

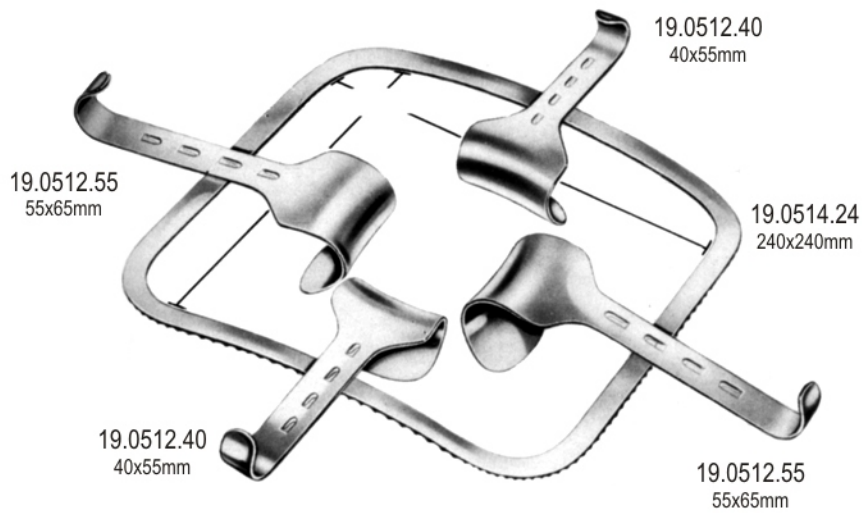
- 19.0510.00 complete
- 19.0510.30 1 frame 300x240mm
- 19.0512.50 3 hook-on retractors, 50x65mm
- 19.0512.80 1 blade, 80x90mm
- 19.0512.98 1 blade, 98x50mm
- 19.0512.99 1 blade, 105x35mm

19.0512.99

19-027

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RETRACTORS



KIRCHNER

- 19.0514.00 complete
- 19.0514.24 1 frame, rigid, 240x240mm
- 19.0512.40 2 hook-on retractors, 40x55mm
- 19.0512.55 2 hook-on retractors, 55x65mm



KIRCHNER

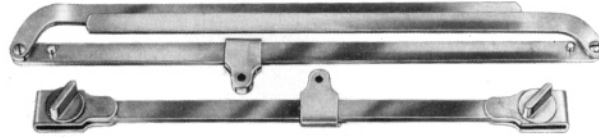
- 19.0516.00 complete
- 19.0516.28 1 folding frame, 280x280mm
- 19.0512.40 2 blades, 40x55mm
- 19.0512.50 2 blades, 50x65mm

19.0512.50

19-028

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RETRACTORS



FOLDING FRAME
19.0520.30 300x300mm

19.0428.70
38x60mm



19.0512.50
50x65mm

19.0512.50
50x65mm

19.0428.70
38x60mm

19.0428.90
45x80mm



19.0512.60
60x85mm

19.0512.60
60x85mm

19.0428.90
45x80mm

FRANZ

- 19.0520.00 abdominal retractor, set folding complete consisting of;
- 19.0520.30 1 frame, folding 300x300mm
- 19.0428.70 2 exchangeable blades 38x60mm
- 19.0512.50 2 hook-on retractor 50x65mm

FRANZ

- 19.0522.00 abdominal retractor, set folding complete consisting of;
- 19.0520.30 1 frame, folding 300x300mm
- 19.0428.70 2 exchangeable blades 38x60mm
- 19.0528.90 2 exchangeable blades 45x80mm
- 19.0512.50 2 hook-on retractor 50x65mm
- 19.0512.60 2 hook-on retractor 60x85mm

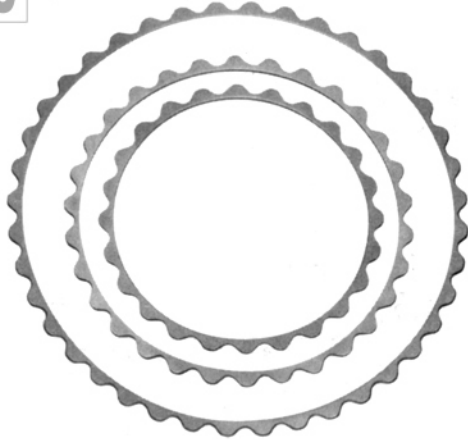
19.0512.60

19-029

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RETRACTORS



TURNER-WARWICK
 19.0530.18 18.5cm
 19.0530.23 23.0cm
 19.0530.30 30.0cm



TURNER-WARWICK
 19.0532.01
 460x330mm

TURNER-WARWICK
 19.0532.00 complete



19.0534.01
 75x20mm



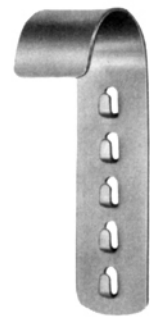
19.0534.02
 100x40mm



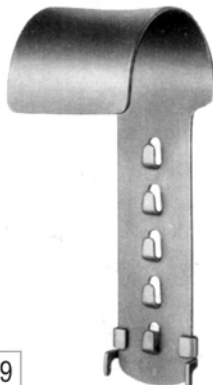
19.0534.03
 90x58mm



19.0534.04
 115x58mm



19.0534.05
 50x40mm



19.0534.06
 75x60mm



19.0534.07
 90x60mm



19.0534.08
 114x60mm



19.0534.09
 13mm (hook)

19.0534.09

19-030

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RETRACTORS

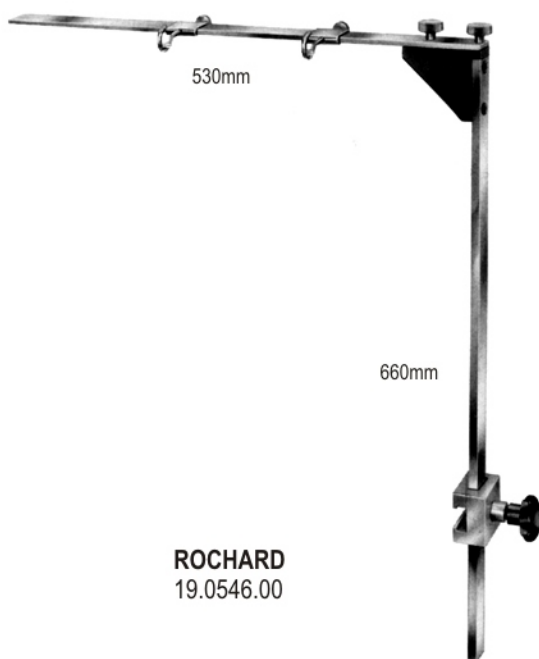


ROCHARD
310mm

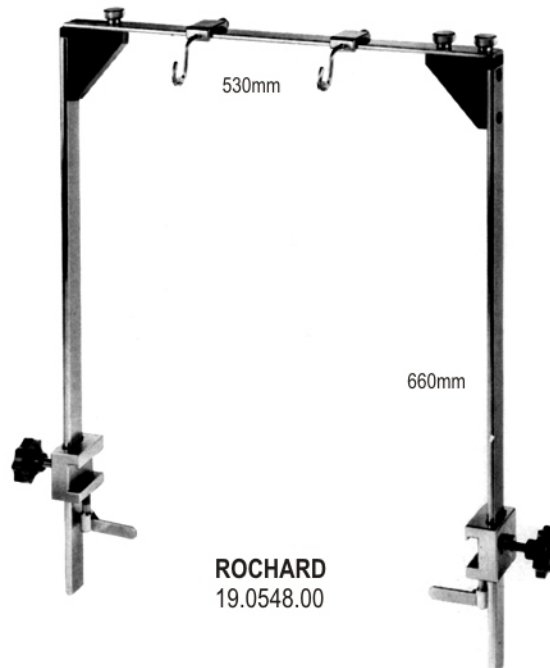


ROCHARD
19.0544.19

- | | | | |
|------------|----------|------------|-----------|
| 19.0540.01 | 48x90mm | 19.0540.08 | 80x155mm |
| 19.0540.02 | 48x105mm | 19.0540.09 | 100x100mm |
| 19.0540.03 | 48x120mm | 19.0540.10 | 100x105mm |
| 19.0540.04 | 48x135mm | 19.0540.11 | 100x120mm |
| 19.0540.05 | 48x155mm | 19.0540.12 | 100x155mm |
| 19.0540.06 | 80x105mm | 19.0540.13 | 150x150mm |
| 19.0540.07 | 80x120mm | | |



ROCHARD
19.0546.00



ROCHARD
19.0548.00

19.0548.00

19-031

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