



THE ULTIMATE CHOICE

SELF-RETAINING RETRACTOR

Self Retaining Retractors
Wundspreizer, Selbsthalend
Separadores con retenida automatica
РАНОРАСШИРИТЕЛИ САМОУДЕРЖИВАЮЩИЕСЯ
自护拉钩

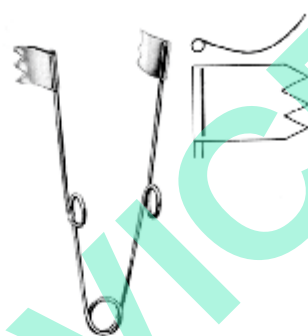
GEFYRA SERVICES



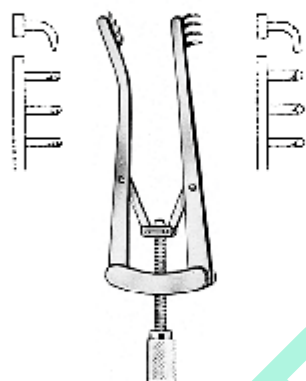
LOGAN
19.0010.04 4.0cm



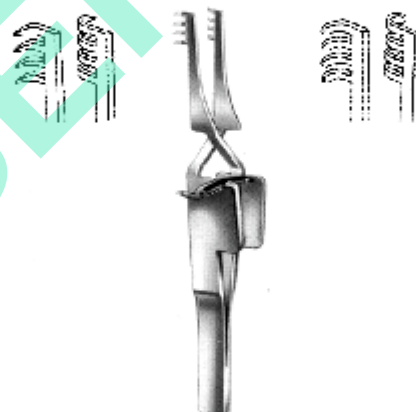
BUCKLEY
19.0014.06 6.0cm



19.0020.08 8.0cm



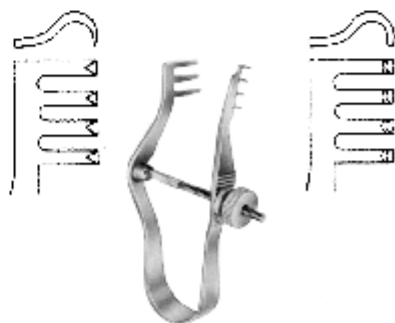
ALM
sharp 19.0030.07 7.0cm 19.0032.07
blunt 19.0030.10 10.0cm 19.0032.10



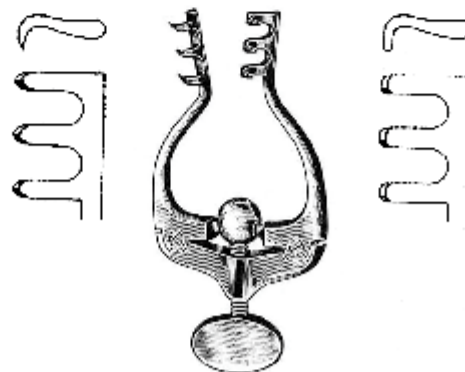
KAUPP
shrap 19.0040.10 10.0cm blunt 19.0042.10



FINSEN
sharp 19.0050.05 5.0cm 19.0052.05
blunt 19.0050.07 7.0cm 19.0052.07



FINSEN
sharp 19.0054.05 5.0cm 19.0056.05
blunt 19.0054.07 7.0cm 19.0056.07



JANSEN
sharp 19.0060.10 10.0cm blunt 19.0062.10

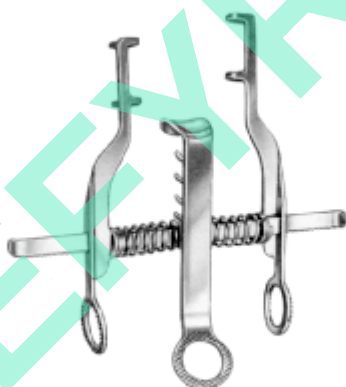
RETRACTORS



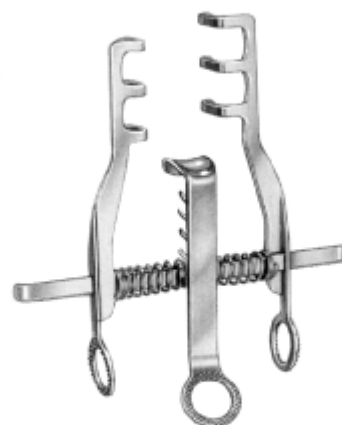
VICKERS
19.0070.00 5.0cm



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



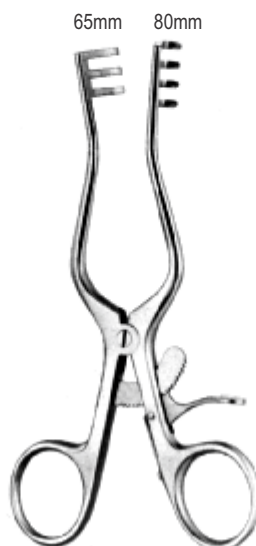
VICKERS 7.5cm
19.0074.00 complete with central blade
19.0072.01 10x12mm
19.0072.02 10x18mm



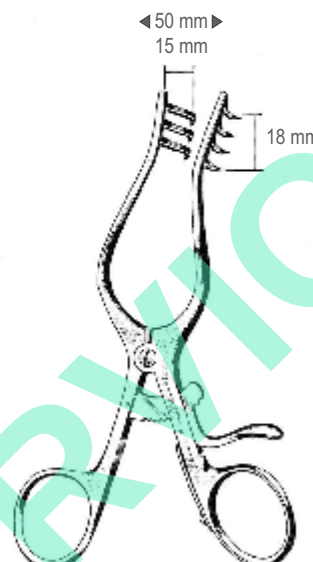
VICKERS 9.0cm
19.0076.00 complete with central blade
19.0072.01 10x12mm
19.0072.02 10x18mm



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



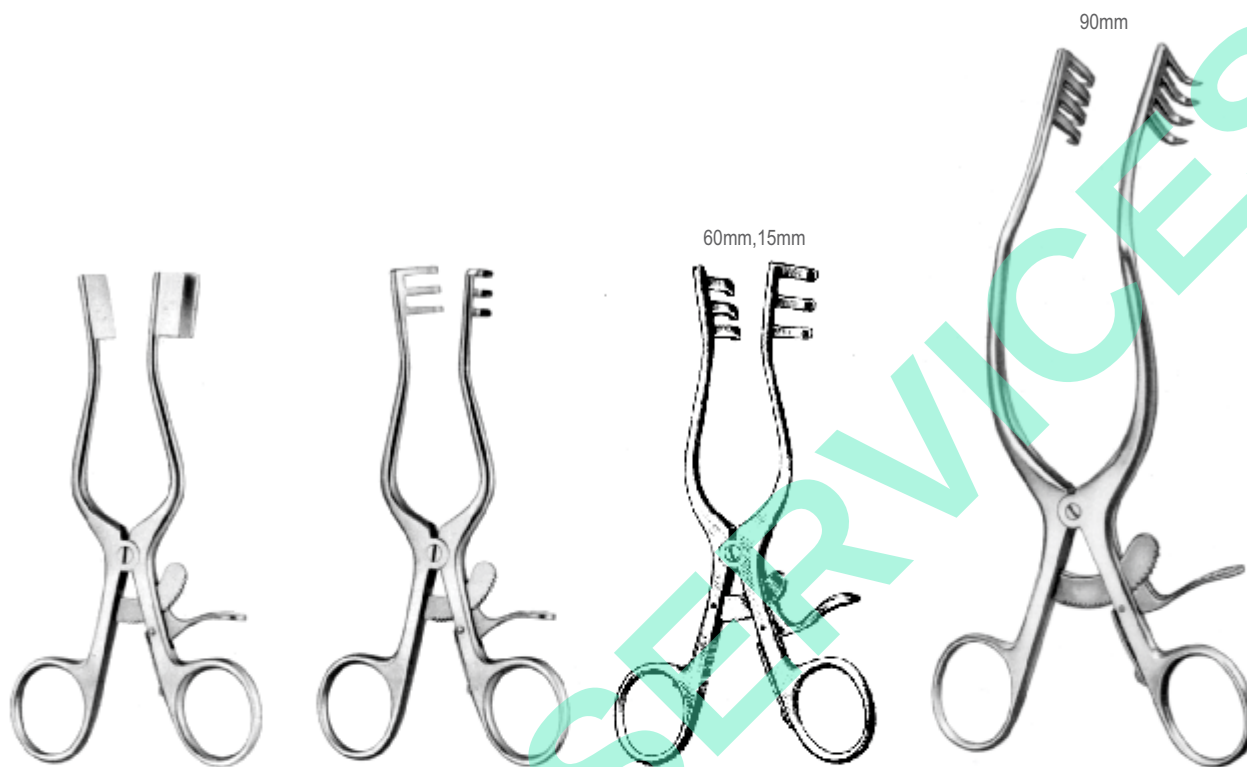
WEITLANER
sharp blunt
19.0094.20 20.0cm 19.0096.20
19.0094.23 23.0cm 19.0096.23
19.0094.26 26.0cm 19.0096.26



TRAVERS
19.0100.20 20.0cm
19.0100.21 21.0cm

RETRACTORS

RETRACTORS

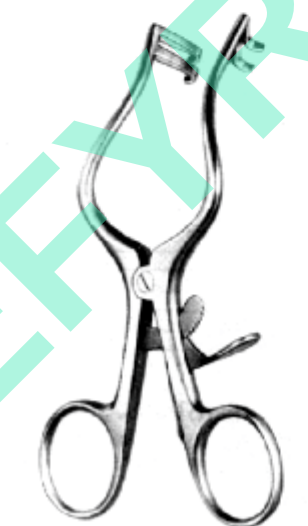


WEITLANER-BABY
19.0104.13 13.0cm

MILLIGAN
19.0110.13 13.0cm

WEST
sharp 19.0114.13 13.0cm
blunt 19.0116.13

ANDERSON-ADSON
19.0120.19 19.5cm



PLESTER
sharp 19.0124.13 13.0cm
blunt 19.0126.13



PLESTER
19.0130.11 11.0cm



PLESTER
19.0132.11 11.0cm



SCALP CONTOUR
sharp blunt
19.0140.14 14.0cm 19.0142.14



MOLLISON
19.0150.16 16.5cm



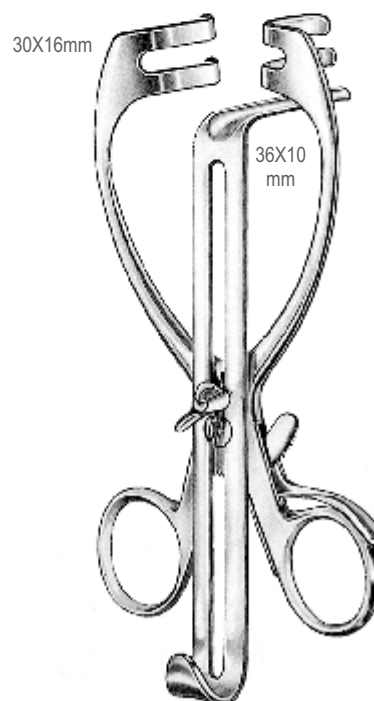
MOLLISON
19.0152.15 15.0cm



RIGBY
19.0156.18 18.0cm

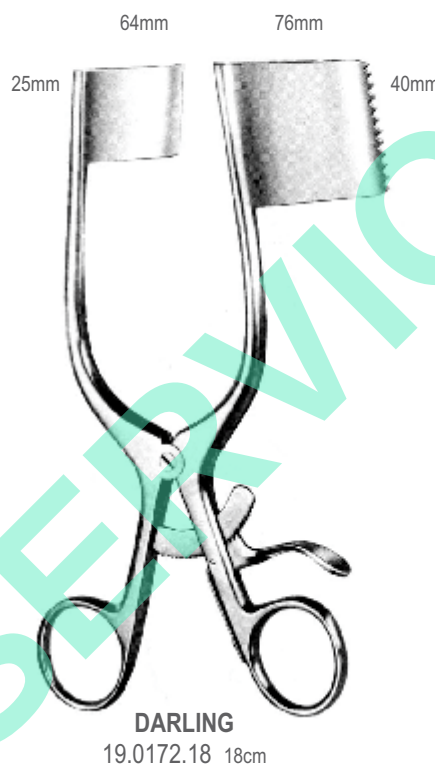
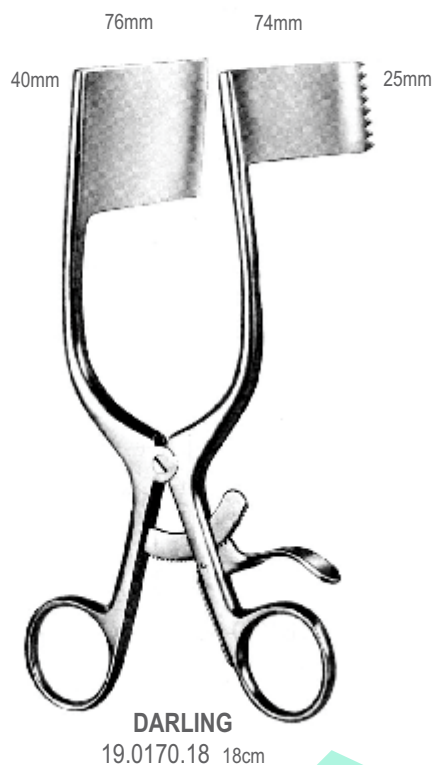


MAYO-ADAMS
19.0160.17 17.0cm



MAYO-ADAMS
19.0162.17 17.0cm

RETRACTORS



centre blade
19.0176.19
16x19mm

centre blade
19.0176.25
16x25mm

centre blade
19.0176.32
16x32mm



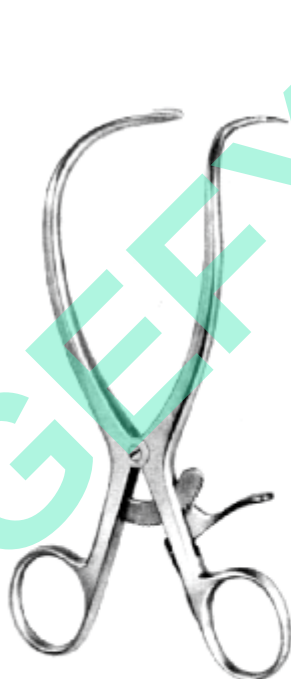
GELPI-LOKTITE
19.0180.13 13.0cm



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



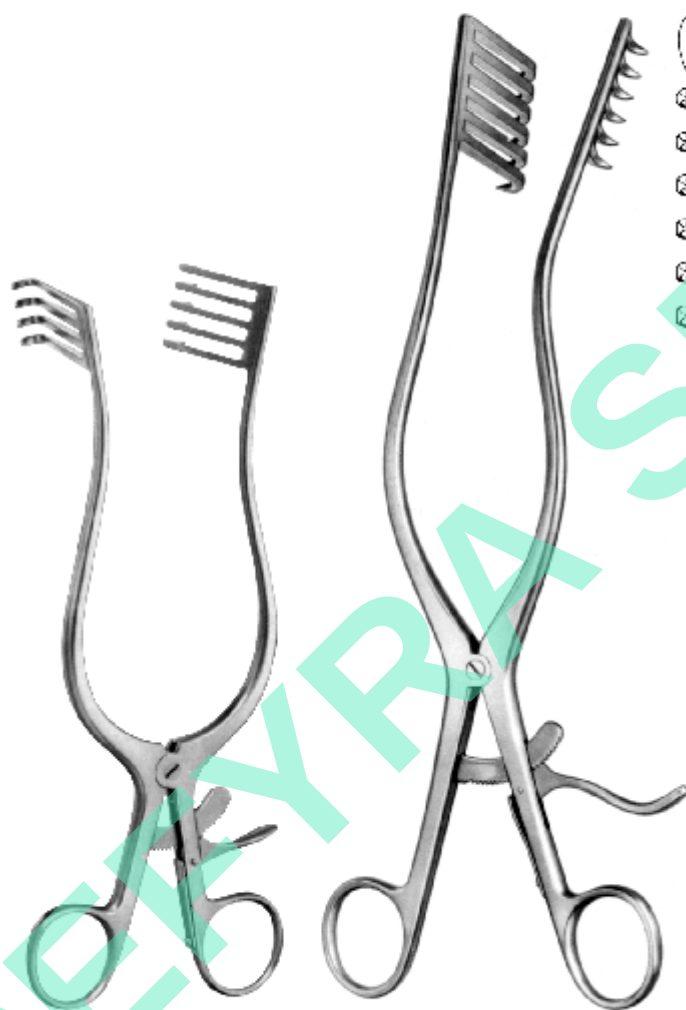
GELPI-LOKTITE
19.0194.18 18.0cm



GELPI-LOKTITE
19.0196.18 18.0cm

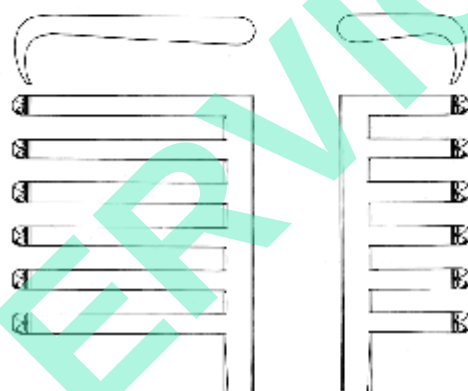
RETRACTORS

RETRACTORS

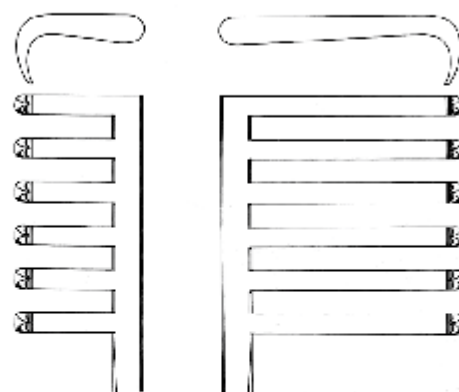


NORFOLK-NORWICH
19.0200.22 22.0cm

27.0cm



19.0204.01



19.0204.02

Self Retaining Retractors
Wundspreizer, Selbstthalend
Separadores con retenida automatica
Ранорасширители самоудерживающиеся
牵开器



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

RETRACTORS

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

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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
19.0246.45
19.0246.50
19.0246.55
19.0246.60

40x16mm
45x16mm
50x16mm
55x16mm
60x16mm



19.0248.40
19.0248.45
19.0248.50
19.0248.55
19.0248.60

RETRACTORS



CASPAR

19.0254.00 complete
19.0254.17 without blade

19.0254.40 40mm

19.0254.45 45mm

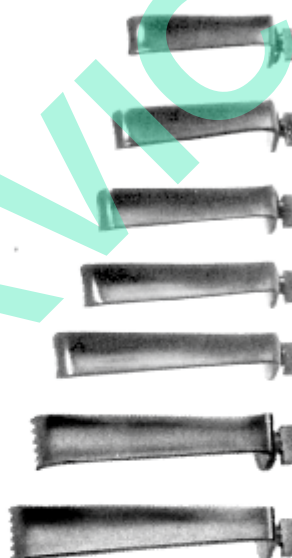
19.0254.50 50mm

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

Self Retaining Retractors
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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

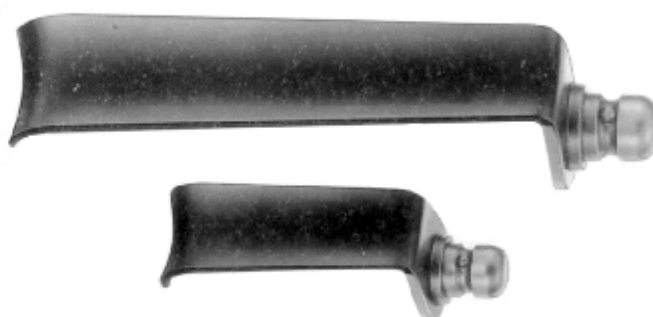


BLADE EJECTOR
19.0266.11 11.5cm

RETRACTORS



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



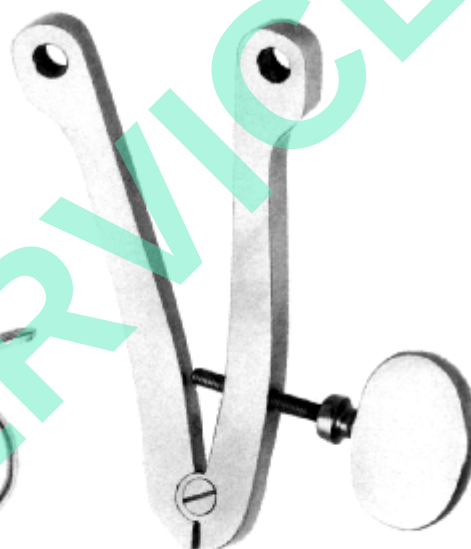
CASPAR

19.0274.00 complete
19.0274.15 without blade



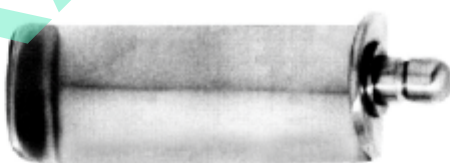
CASPAR

19.0276.00 complete
19.0276.15 without blade



CASPAR

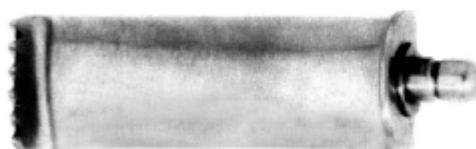
19.0280.00 complete
19.0280.01 without blade



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

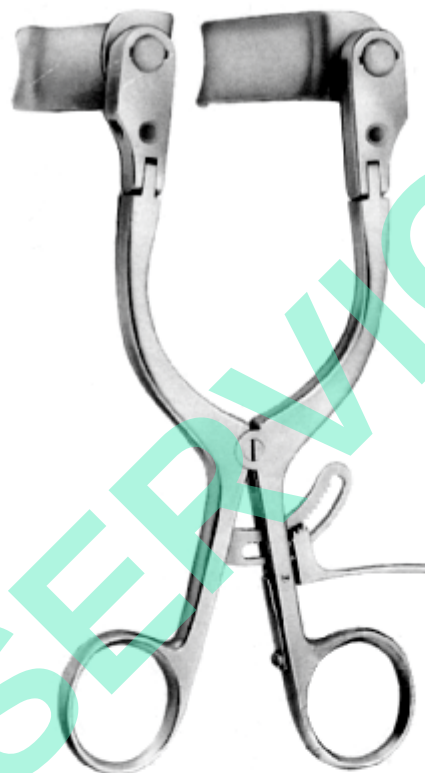


19.0286.40 40x20mm
19.0286.45 45x20mm
19.0286.50 50x20mm
19.0286.55 55x20mm
19.0286.60 60x20mm

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CASPAR
19.0290.00 complete
19.0290.01 without blade
115mmx85mm

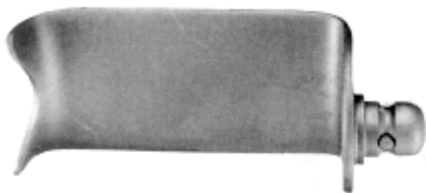


CASPAR
19.0294.00 complete
19.0294.01 without blade
165mmx90mm

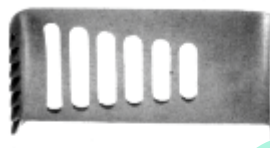


CASPAR
19.0300.00 complete
19.0300.01 without blade
120mmx90mm

RETRACTORS



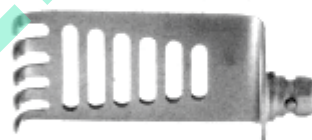
S.STEEL		TITANIUM
19.0310.30	30x24mm	19.9310.30
19.0310.35	35x24mm	19.9310.35
19.0310.40	40x24mm	19.9310.40
19.0310.45	45x24mm	19.9310.45
19.0310.50	50x24mm	19.9310.50
19.0310.55	55x24mm	19.9310.55
19.0310.60	60x24mm	19.9310.60
19.0310.65	65x24mm	19.9310.65
19.0310.70	70x24mm	19.9310.70
19.0310.75	75x24mm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



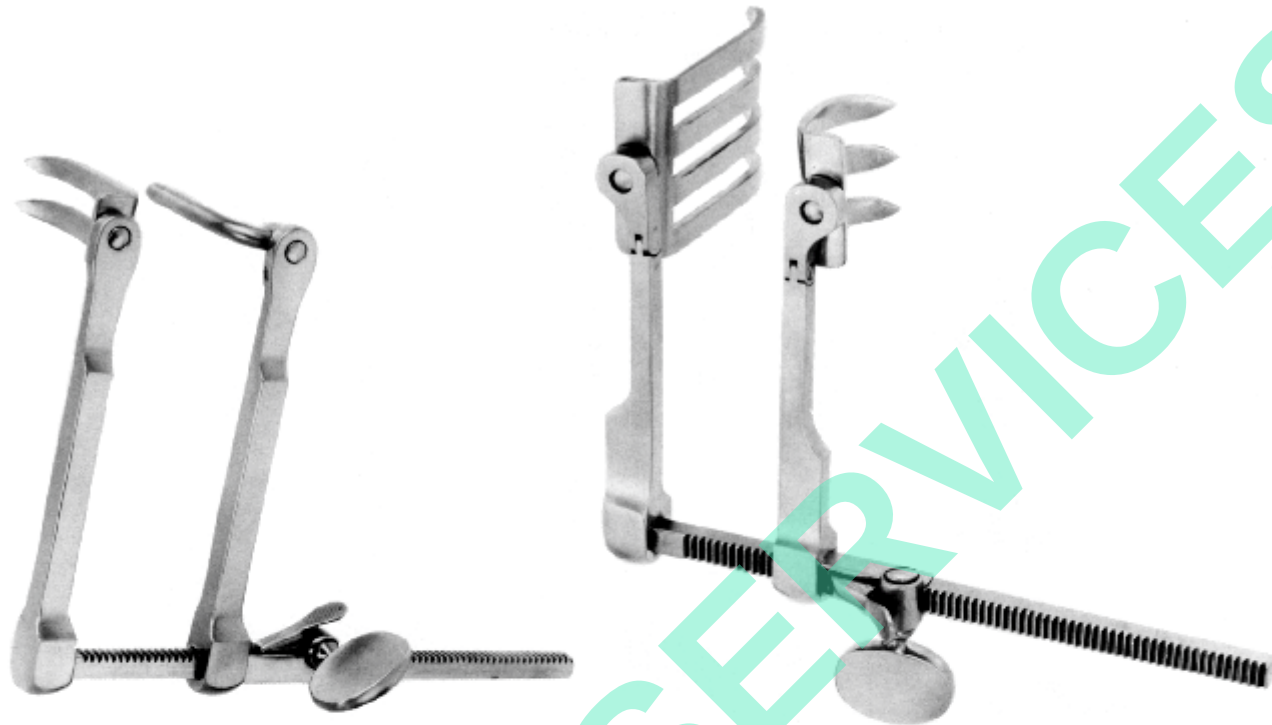
S.STEEL		TITANIUM
19.0318.25	25x24mm	19.9318.25
19.0318.30	30x24mm	19.9318.30
19.0318.35	35x24mm	19.9318.35
19.0318.40	40x24mm	19.9318.40
19.0318.45	45x24mm	19.9318.45
19.0318.50	50x24mm	19.9318.50
19.0318.55	55x24mm	19.9318.55
19.0318.60	60x24mm	19.9318.60
19.0318.65	65x24mm	19.9318.65
19.0318.70	70x24mm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



CASPAR
 19.0340.00 complete
 19.0340.01 without blades

CASPAR
 19.0344.00 complete
 19.0344.01 without blades



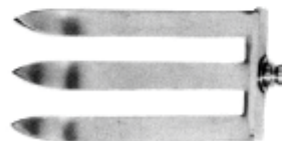
CASPAR
 19.0350.50 50mm



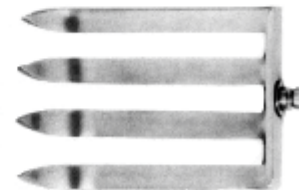
CASPAR
 19.0350.70 70mm



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



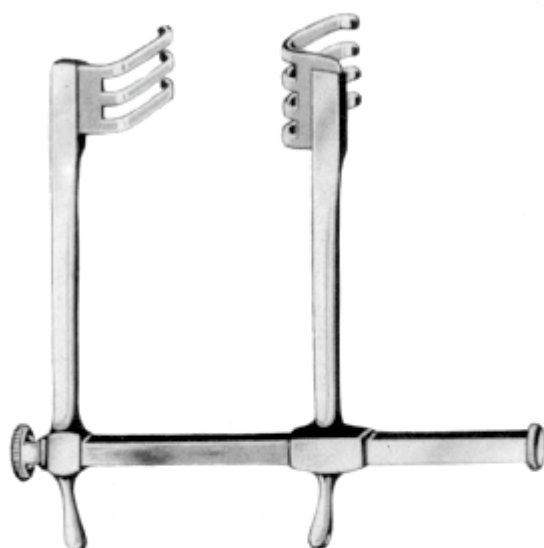
19.0354.35 35x37mm
 19.0354.40 40x37mm
 19.0354.45 45x37mm
 19.0354.50 50x37mm
 19.0354.55 55x37mm
 19.0354.60 60x37mm
 19.0354.65 65x37mm
 19.0354.70 70x37mm



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

RETRACTORS

RETRACTORS



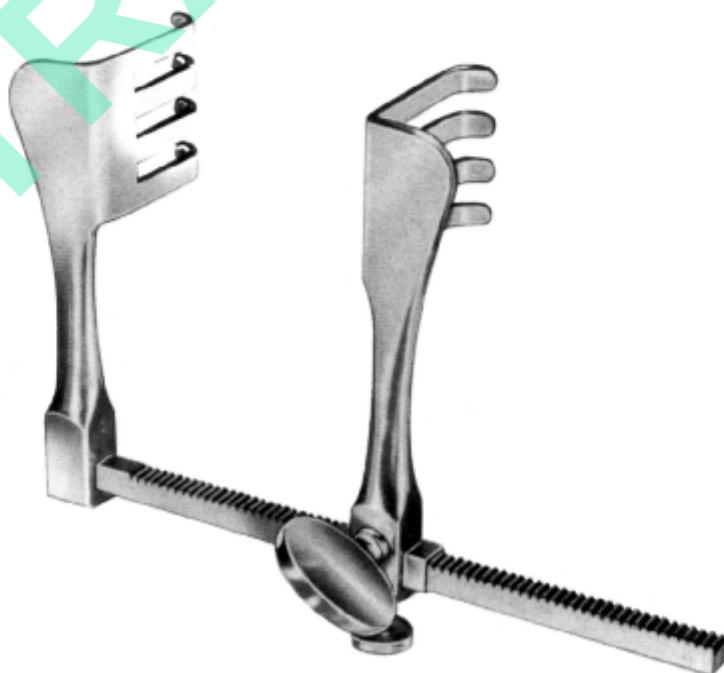
TEMPLE-FAY
19.0360.00
48x40x110mm



TEMPLE-FAY-ULRICH
19.0364.00

19.0364.01 45mm 19.0364.03 45mm
19.0364.02 60mm 19.0364.04 60mm

19.0364.05 60mm



BADGLEY

19.0370.00 55x44x165 mm
19.0372.00 60x44x165 mm



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

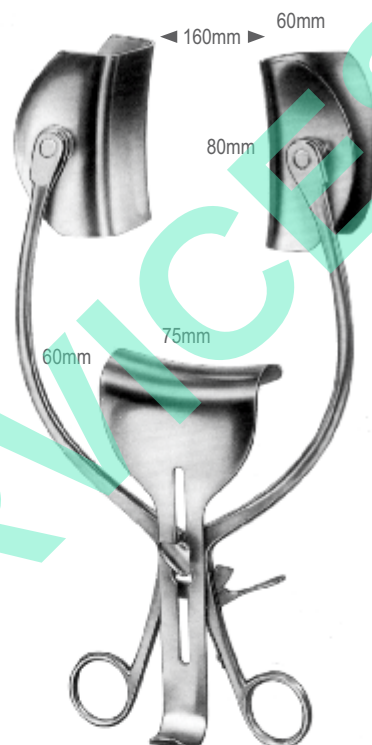
RETRACTORS



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



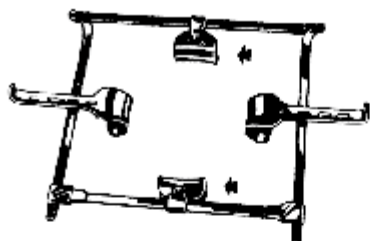
COLLIN
lateral blades
18x40mm 19.0410.18
27x40mm 19.0410.27



RICARD complete
19.0420.00 28.0cm
19.0422.00 30.0cm
sepreader 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

BABY-COLLIN

19.0410.00
complete set with 2 pairs of blades



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

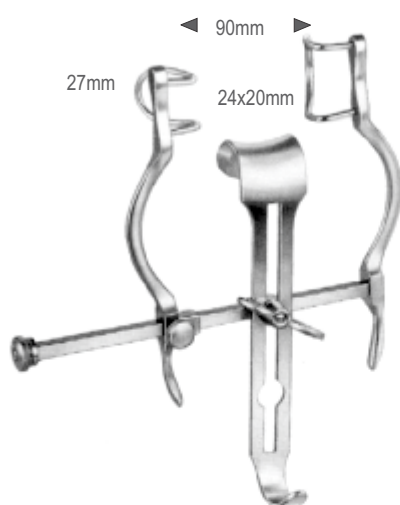


19.0406.00



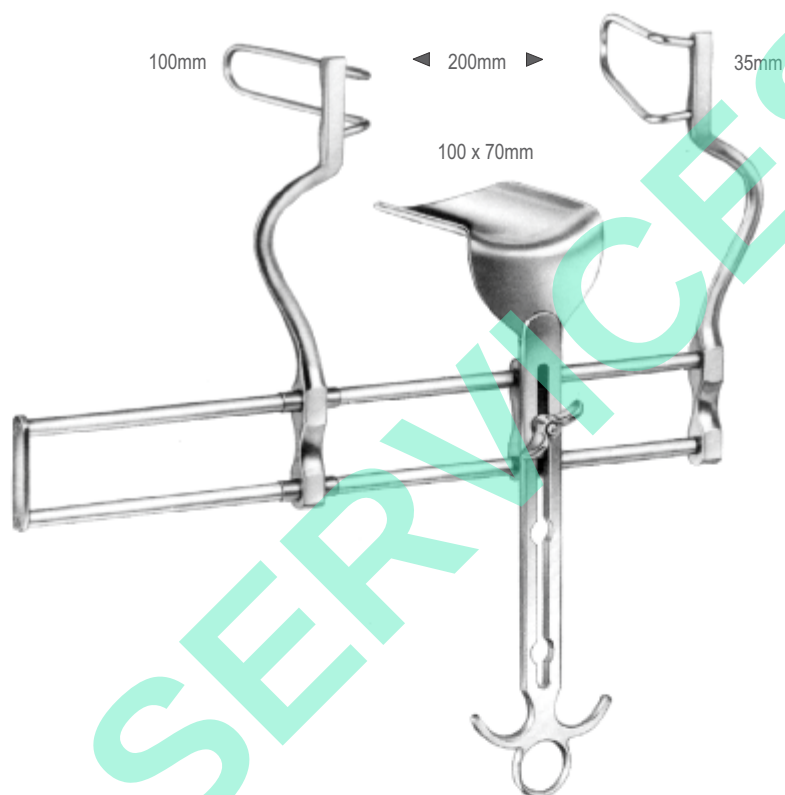
19.0420.00
 19.0422.00

RETRACTORS



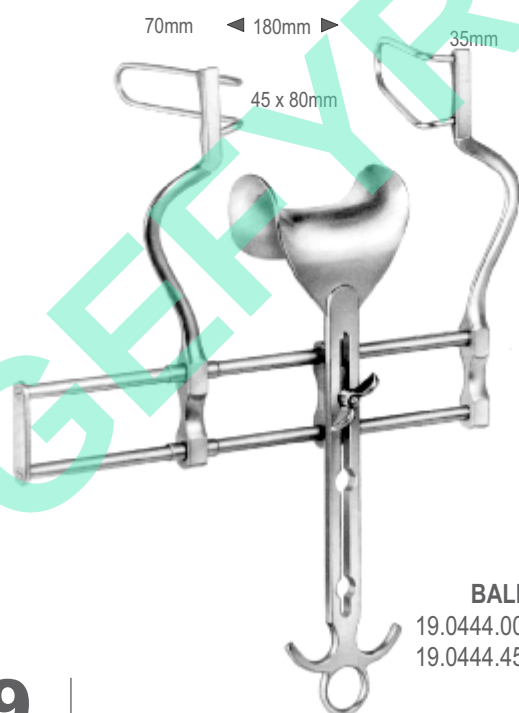
BALFOUR-BABY

19.0440.00 complete
19.0440.24 centre blade



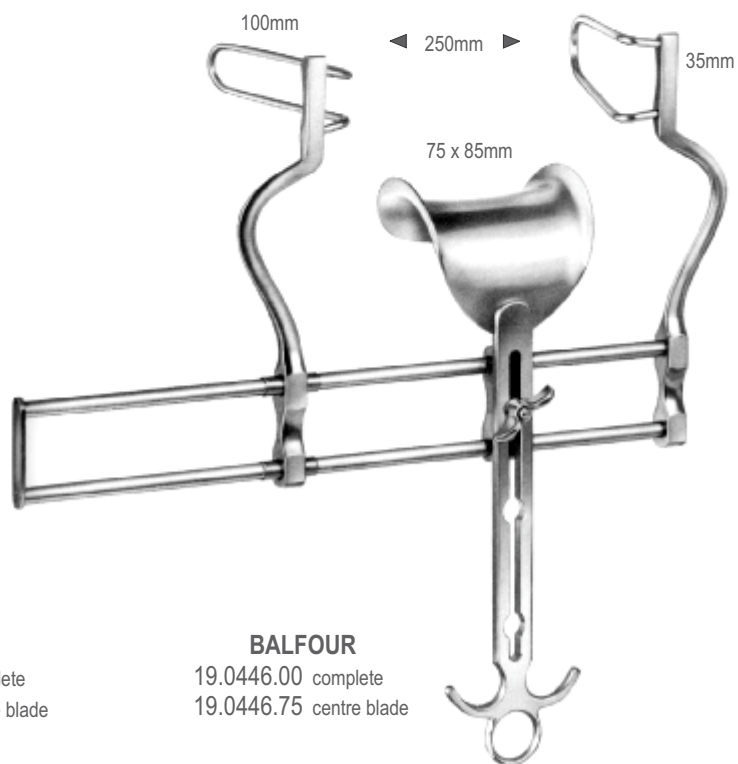
BALFOUR

19.0442.00 complete
19.0442.10 centre blade



BALFOUR

19.0444.00 complete
19.0444.45 centre blade



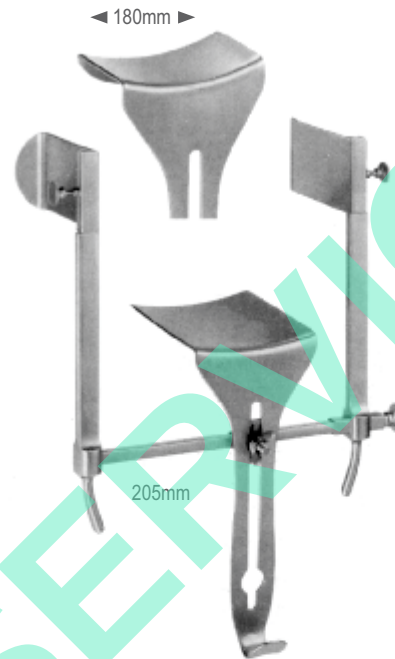
BALFOUR

19.0446.00 complete
19.0446.75 centre blade



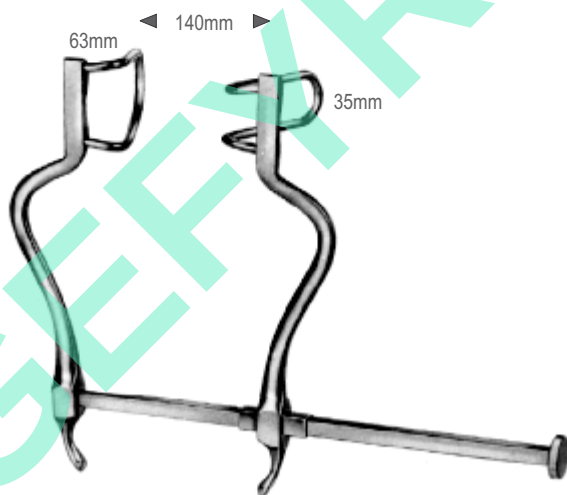
BERKELEY

19.0450.00 complete
19.0450.60 2 blades 60 x 35mm

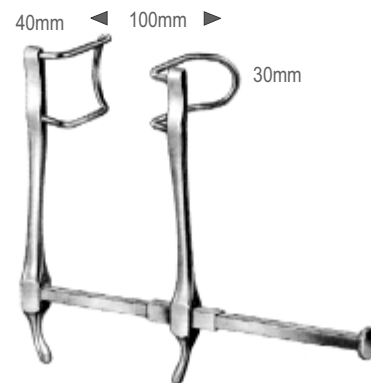


GOLIGHER

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

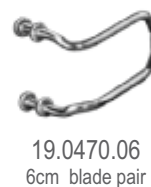
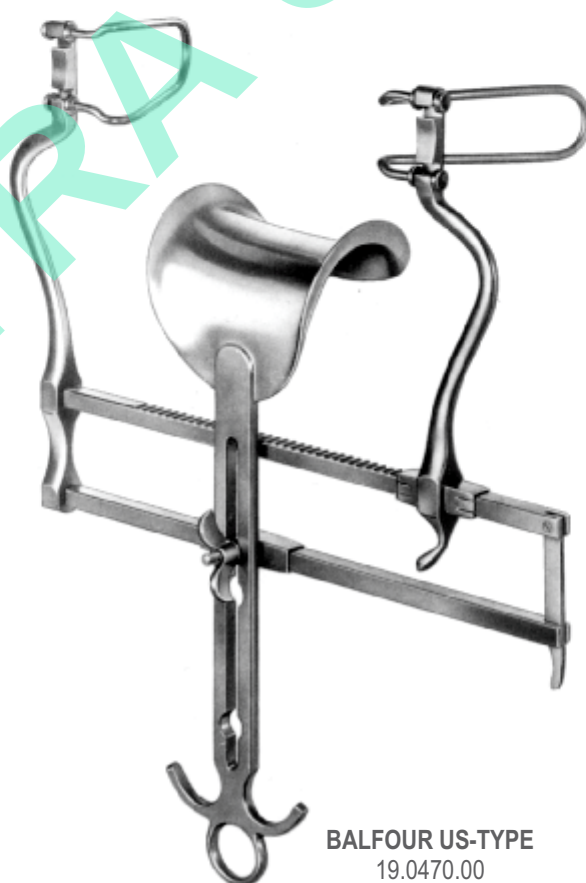
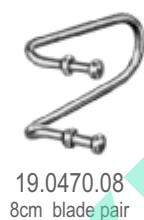


GOSSET
19.0462.00

RETRACTORS



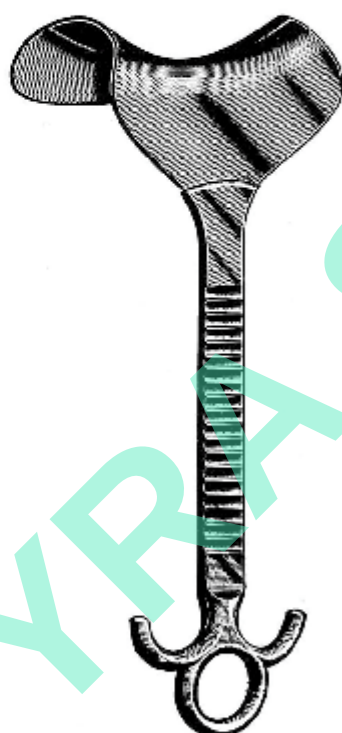
19.0464.00 complete
19.0464.16 central blade



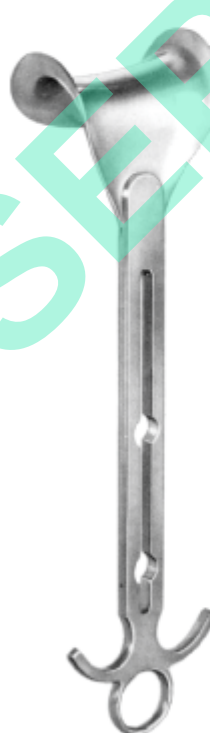
Center Blade Only
Mittelblatt allein
Valva central suelta
Зеркала сменные к ранорасширителям
中心刀片只



BALFOUR
19.0480.80 80x90mm



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



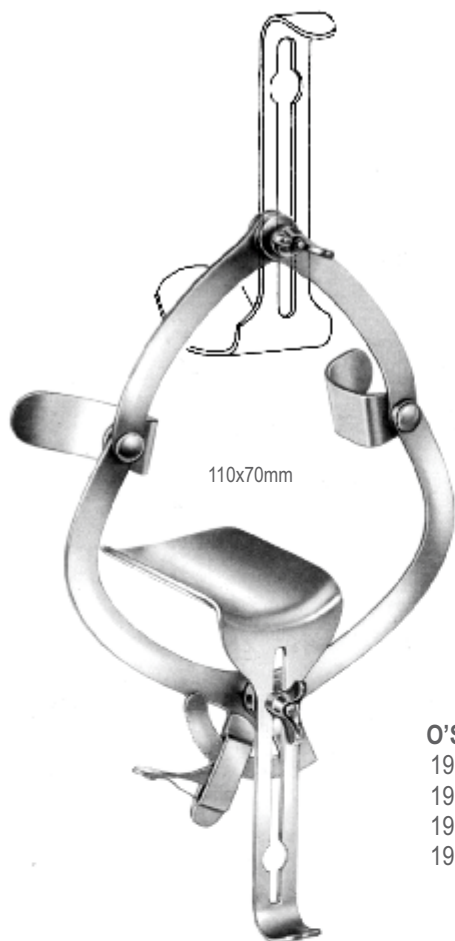
BALFOUR
19.0484.40 40x68mm
19.0484.68 68x85mm



BALFOUR
19.0486.68 68x85mm

RETRACTORS

RETRACTORS



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

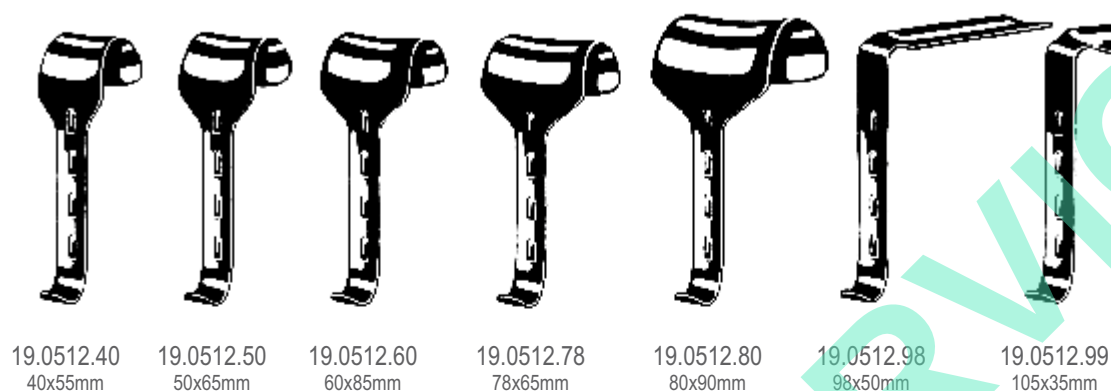
DENIS-BROWN (Child)

- 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

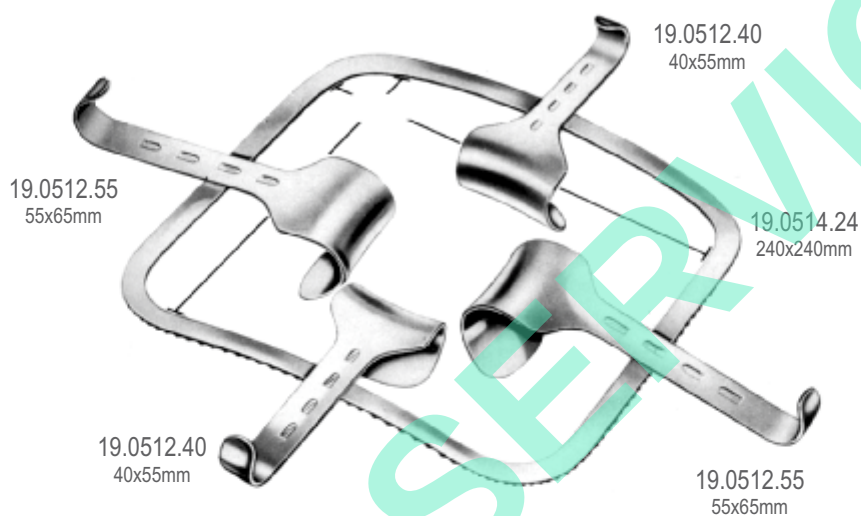
19.0506.30
40x30mm



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

RETRACTORS



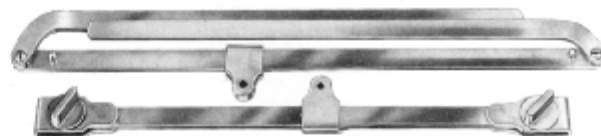
KIRCHNER

- 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



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

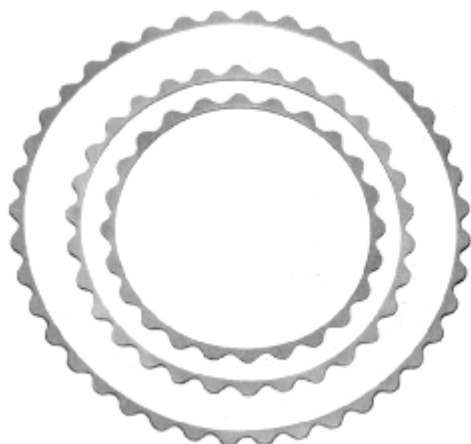
FRANZ

- 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

RETRACTORS



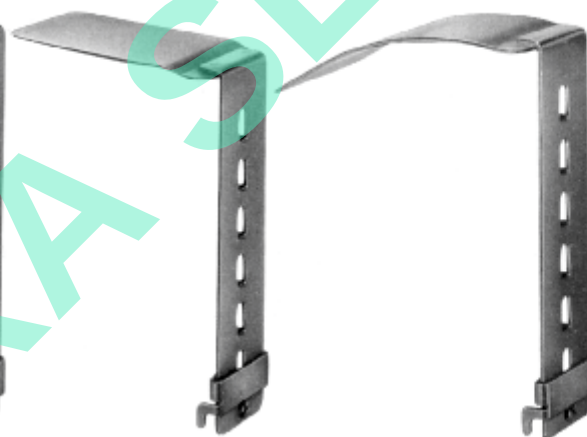
TURNER-WARWICK
19.0530.18 18.5cm
19.0530.23 23.0cm
19.0530.30 30.0cm



TURNER-WARWICK
19.0532.01
460x330mm



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)



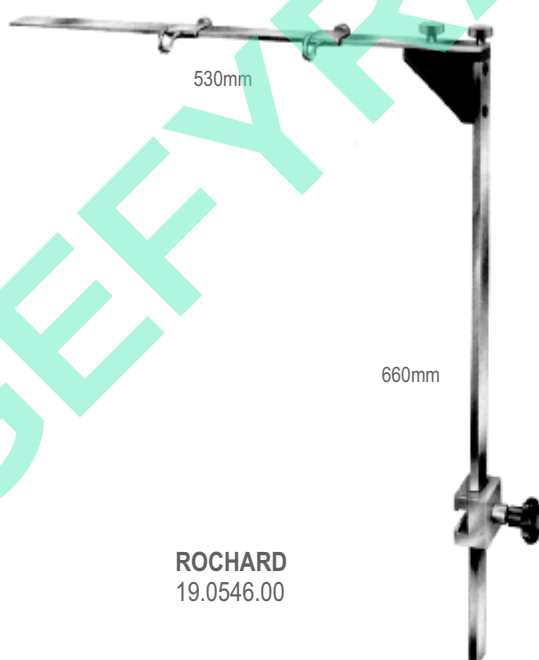
ROCHARD
 310mm



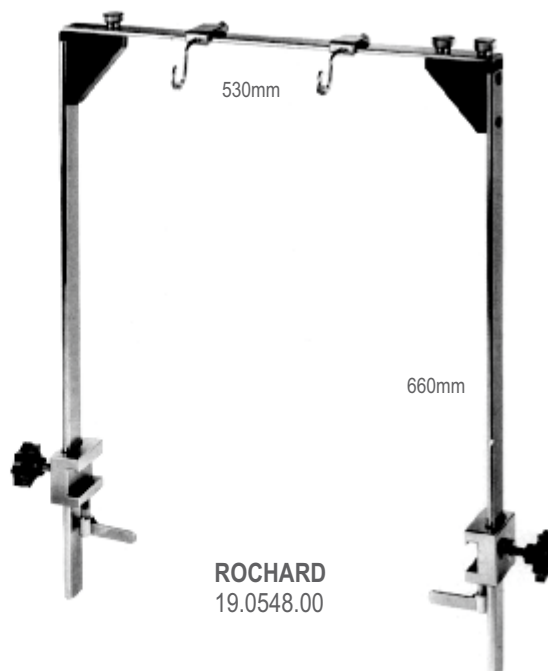
ROCHARD
 19.0544.19

19.0540.01 48x90mm
 19.0540.02 48x105mm
 19.0540.03 48x120mm
 19.0540.04 48x135mm
 19.0540.05 48x155mm
 19.0540.06 80x105mm
 19.0540.07 80x120mm

19.0540.08 80x155mm
 19.0540.09 100x100mm
 19.0540.10 100x105mm
 19.0540.11 100x120mm
 19.0540.12 100x155mm
 19.0540.13 150x150mm



ROCHARD
 19.0546.00



ROCHARD
 19.0548.00

RETRACTORS