



ASAMAR
SURGICAL

RETRACTOR SPECIALIST
CARDIOVASCULAR
& THORACIC
Instruments
CATALOGUE

www.retractorspecialist.com



PREFACE:

We are pleased to present this edition of our **Cardiovascular & Thoracic Instruments** Catalog. This volume has been designed to support cardiac and thoracic specialists, surgical teams, and medical procurement professionals with a clear and reliable reference to our instrument range. Although every effort has been made to ensure accuracy, we welcome recommendations that contribute to further enhancement.

Cardiovascular and thoracic surgery demands instruments of exceptional precision, balance, and structural integrity. This catalog features a focused selection of instruments developed for open-heart, vascular, thoracic, and related surgical procedures. Each item is referenced for convenient identification and procurement. For quotations or further information, please share the catalog reference and instrument details to enable precise support from our team.

Should you require instruments from additional clinical disciplines, we also offer the following catalogs:

G: General Surgical Instruments

D: Dental Instruments

E: ENT Instruments

With longstanding roots in Sialkot's surgical manufacturing expertise, **Asamar Surgical Retractor Specialist** continues to advance its capabilities with meticulous engineering, skilled craftsmanship, and responsible production practices. Our priority is to provide instruments that deliver confidence in the operating theatre through consistency, precision, and dependable performance.

We trust this catalog will serve as a valuable resource for hospitals, surgical centres, and professionals dedicated to cardiovascular and thoracic care.

Production View





TABLE OF CONTENTS

12	SCALPEL BLADES	PAGE 01-07
13	SCISSORS	PAGE 08-24
14	DRESSING & TISSUE FORCEPS	PAGE 25-33
14	NON-TRAUMATIC TISSUE FORCEPS	PAGE 34-35
14	PROMEDUR DISSECTING FORCEPS	PAGE 36-37
14	BIPOLAR COAGULATING FORCEPS	PAGE 38-43
15	HEMOSTATIC FORCEPS	PAGE 44-57
48	TISSUE- AND ORGANHOLDING FORCEPS	PAGE 58-61
17	RETRACTORS	PAGE 62-78
18	NEEDLEHOLDERS	PAGE 79-85
19	SUCTION, VARICOSE	PAGE 86-89

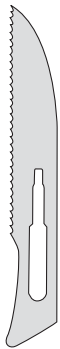


TABLE OF CONTENTS

23	DISSECTORS, ELEVATORS, RASPATORIES	PAGE 90-95
23	BONE INSTRUMENTS	PAGE 96-102
40	RIB SHEARS	PAGE 103-105
40	RIB SPREADERS	PAGE 106-118
40	BRONCHUS, LIGATURE & LUNG GRASPING FORCEPS	PAGE 119-120
40	COOLEY NON-TRAUMATIC VASCULAR CLAMPS	PAGE 121-132
40	NEONATAL AND PEDIATRIC CLAMPS	PAGE 133-136
41	NON-TRAUMATIC BULLDOG CLAMPS	PAGE 137-144
41	DEBAKEY NON-TRAUMATIC VASCULAR CLAMPS	PAGE 145-169
40	VESSEL INSTRUMENTS	PAGE 170-175
28	INSTRUMENTS FOR MICROVASCULAR SURGERY	PAGE 176-182



Sterile, in packages of 100



AS-1400
Saw blade



AS-1401
10



AS-1402
11



AS-1403
12



AS-1404
12 d



AS-1405
13



AS-1406
14



AS-1407
15



AS-1408
15 c



AS-1409
16



AS-1410
17



Sterile, in packages of 100



AS-1411
20



AS-1412
21



AS-1413
22



AS-1414
18



AS-1415
19



AS-1416
23



AS-1417
24



AS-1418
25



AS-1419
34



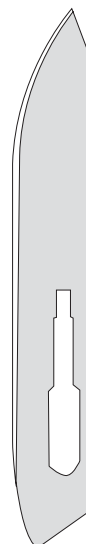
AS-1420
36



AS-1421
24 d



AS-1422
36 d



POST-MORTEM
AS-1423
Not Sterile



AS-1424
Scalpel-blade remover



AS-1425
Technical #3



AS-1426
Technical #4



AS-1427
#3



AS-1428
#4



AS-1429
3/4



AS-1430
#7 K



AS-1431
#7



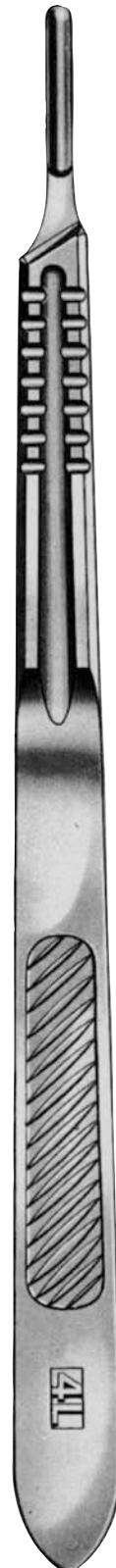
COLLIN
AS-1432
#8



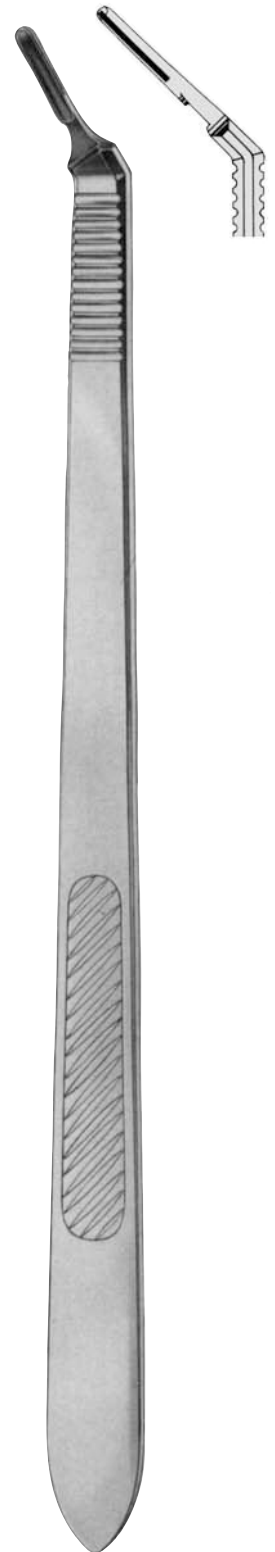
COLLIN
AS-1433
#9



AS-1434
#3 L



AS-1435
#4 L



AS-1436
#3 L



AS-1437
#4 L



AS-1438
#5, 16 cm



AS-1439
#5, 16 cm



AS-1440
#7 L



AS-1441
#3, 21cm



Microsurgery blades 0,6 mm and handle

In packages of 10 ea.



AS-1442
#61



AS-1443
#62



AS-1444
#62S



AS-1445
#65



AS-1446
#67



ANATOMY
AS-1447
#4



ANATOMY
AS-1448
#9



BARRON
AS-1449
#3

Handles for blades



AS-1450 100mm
AS-1451 125mm
AS-1452 55mm
AS-1453 180mm
AS-1454 200mm



TROUTMAN
AS-1455 10 cm



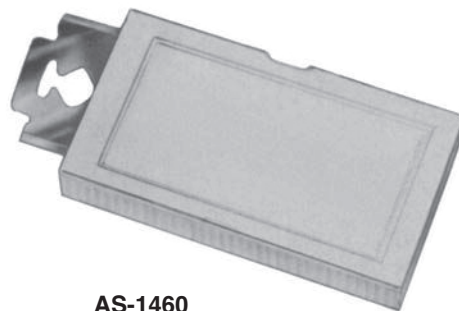
TROUTMAN
AS-1456 10 cm



CASTROVIEJO
AS-1457 13 cm / 8 mm
AS-1458 13 cm / 10 mm



BARRAQUER
AS-1459 11 cm



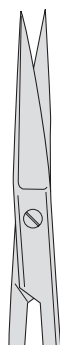
AS-1460
Package = 10



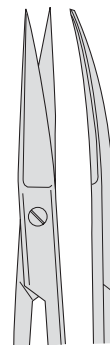
IRIS



**IRIS
SUPERCUT**



AS-1461 9,0 cm
AS-1462 9,0 cm
AS-1463 10,5 cm
AS-1464 10,5 cm
AS-1465 11,5 cm
AS-1466 11,5 cm
AS-1467 11,5 cm
 Serrated



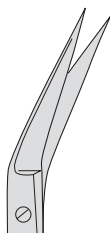
AS-1468 9,0 cm
AS-1469 9,0 cm
AS-1470 10,5 cm
AS-1471 10,5 cm
AS-1472 11,5 cm
AS-1473 11,5 cm
AS-1474 11,5 cm
 Serrated



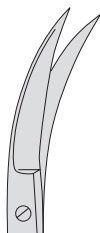
AS-1475



AS-1476



AS-1477 10,5 cm
AS-1478 10,5 cm
AS-1479 11,0 cm



WALKER-IRIS

AS-1480 9,0 cm
AS-1481 10,5 cm
AS-1482 11,5 cm



IRIS



AS-1483
 10 cm
 with large rings



AS-1484
 10 cm



IRIS
AS-1485
 10,5 cm
 Left handed



STRABISMUS
11,5 cm



**STRABISMUS
SUPERCUT**
11,5 cm



**AS-1486
AS-1487**



**AS-1488
AS-1489**



STRABISMUS
AS-1490 11,5 cm



STRABISMUS
AS-1491 11,5 cm



AS-1492



AS-1493



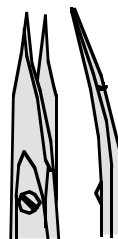
STEVENS



**STEVENS
SUPERCUT**



AS-1494
10,5 cm
AS-1495
11,5 cm
AS-1496
11,5 cm



AS-1495
10,5 cm
AS-1496
11,5 cm
AS-1497
11,5 cm



AS-1498
10,5 cm
AS-1499
11,5 cm
AS-1500
11,5 cm



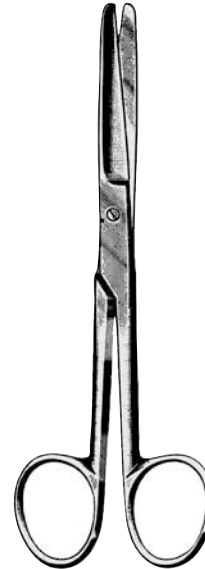
AS-1500
10,5 cm
AS-1501
11,5 cm
AS-1502
11,5 cm



Dissecting Scissors



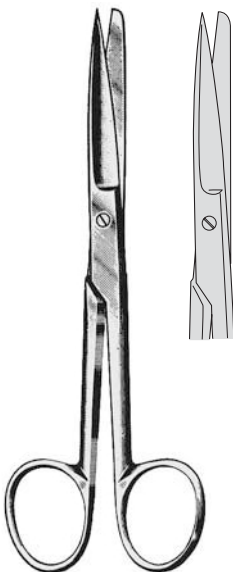
POTTS
AS-1503
14 cm



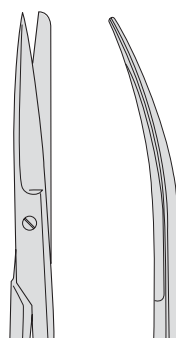
DEAVER
AS-1504
14 cm



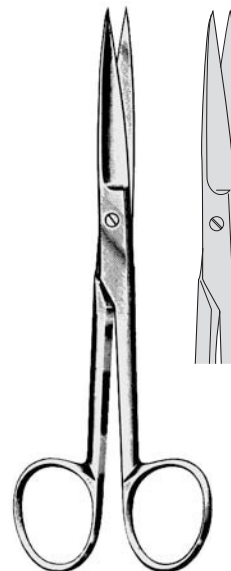
DEAVER
AS-1505
14 cm



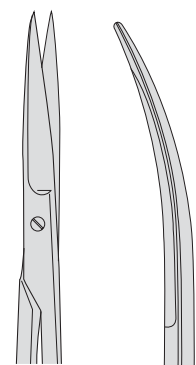
DEAVER
AS-1506
14 cm



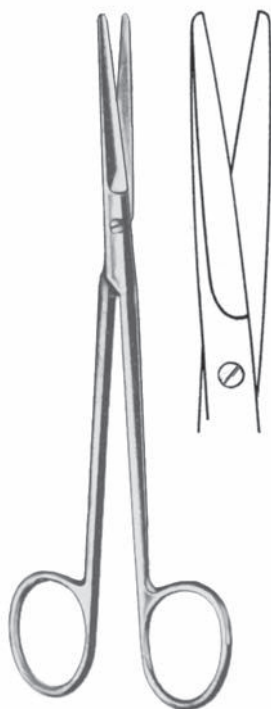
DEAVER
AS-1507
14 cm



DEAVER
AS-1508
14 cm



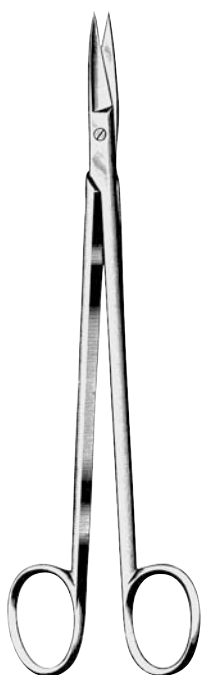
DEAVER
AS-1509
14 cm



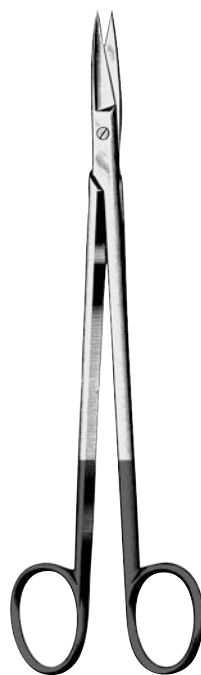
MIXTER
AS-1510
15 cm



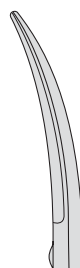
MIXTER
AS-1511
15 cm



KELLY
AS-1512
Smooth
AS-1513
Serrated



KELLY
SUPERCUT (SC)
AS-1514
Straight



KELLY
AS-1515 16 cm
AS-1516 16 cm
Smooth
Lisa
AS-1515
Serrated



KELLY
AS-1516 16 cm



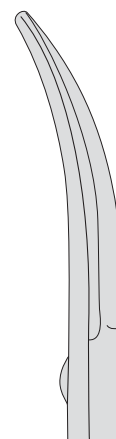
MAYO



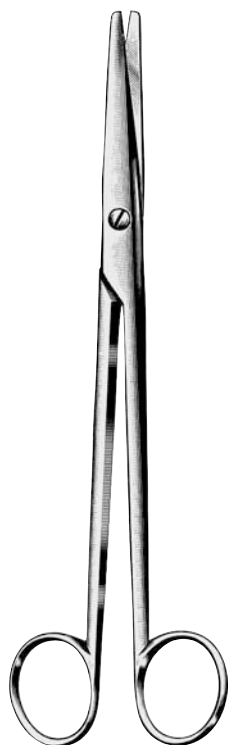
**MAYO
SUPERCUT (SC)**



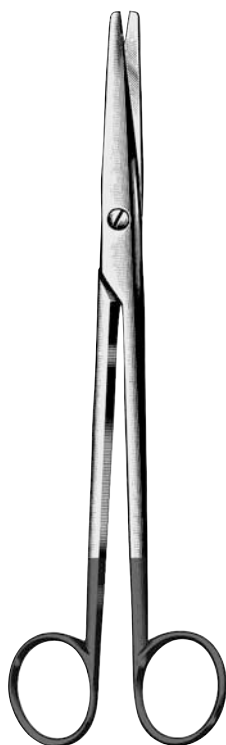
AS-1517	14,5 cm
AS-1518	14,5 cm
AS-1519	17,0 cm
AS-1520	17,0 cm
AS-1521	20,0 cm
AS-1522	20,0 cm
AS-1523	23,0 cm
AS-1524	23,0 cm



AS-1525	14,5 cm
AS-1526	14,5 cm
AS-1527	17,0 cm
AS-1528	17,0 cm
AS-1529	20,0 cm
AS-1530	20,0 cm
AS-1531	23,0 cm
AS-1532	23,0 cm



MAYO-STILLE



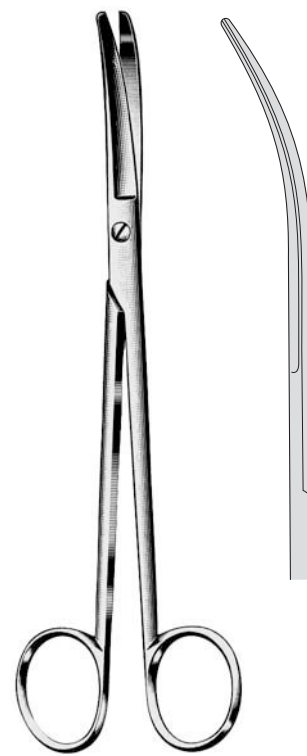
**MAYO-STILLE
SUPERCUT (SC)**



AS-1533	15,0 cm
AS-1534	17,0 cm
AS-1535	17,0 cm
AS-1536	19,5 cm
AS-1537	21,0 cm



AS-1538	15,0 cm
AS-1539	17,0 cm
AS-1540	17,0 cm
AS-1541	19,5 cm
AS-1542	21,0 cm



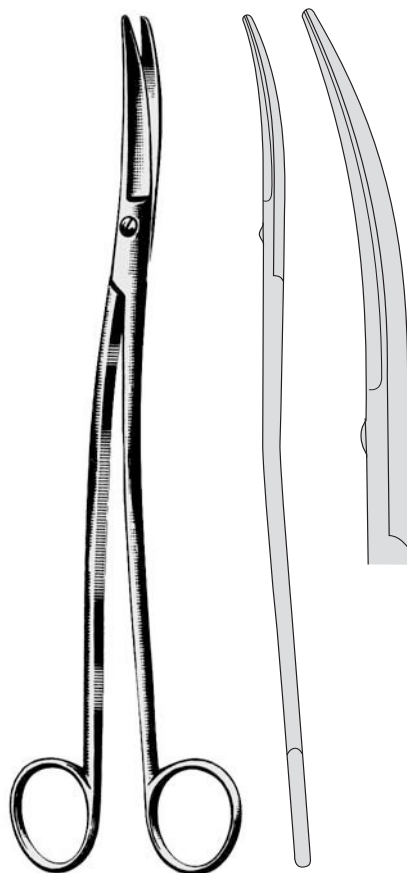
WERTHEIM

AS-1543	14,5 cm
AS-1544	19,5 cm
AS-1545	22,5 cm



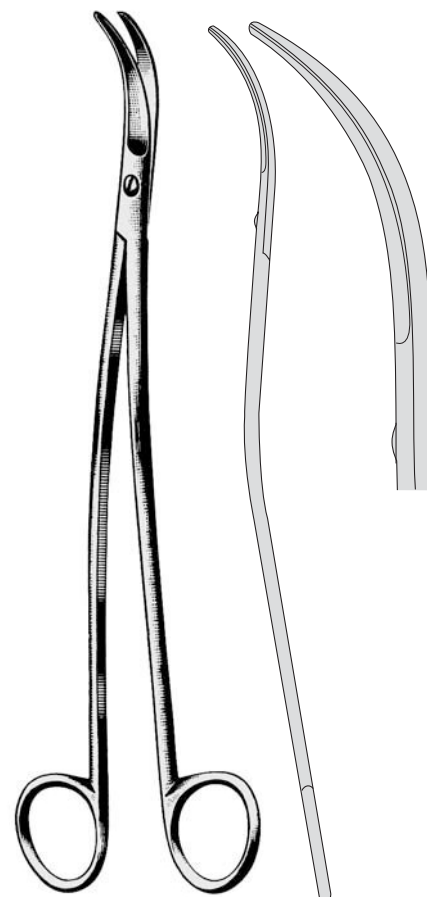
THOREK

AS-1546 19 cm
AS-1547 23 cm



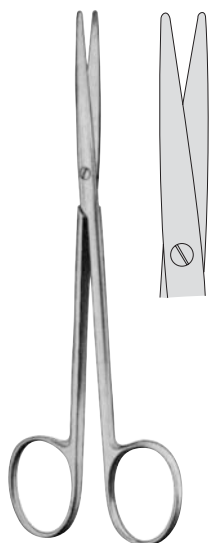
KLINGENBERG-LOTH

AS-1548 23 cm



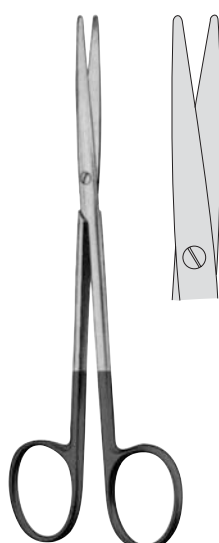
SATINSKY

AS-1549 24,5 cm



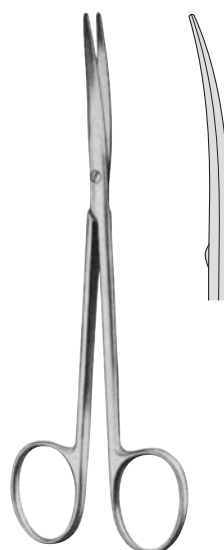
METZENBAUM-BABY

AS-1550 11,5 cm
AS-1551 13,0 cm
AS-1552 14,5 cm



**METZENBAUM-BABY
SUPERCUT (SC)**

AS-1553 SC 11,5 cm
AS-1554 SC 14,5 cm



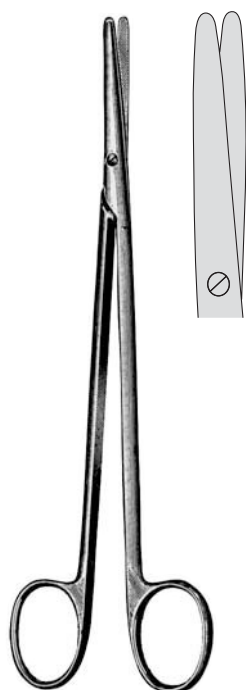
METZENBAUM-BABY

AS-1555 11,5 cm
AS-1556 13,0 cm
AS-1557 14,5 cm



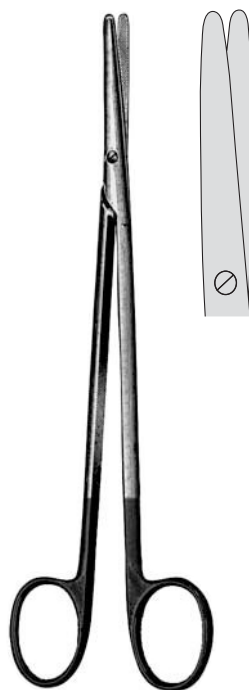
**METZENBAUM-BABY
SUPERCUT (SC)**

AS-1558 SC 11,5 cm
AS-1559 SC 14,5 cm



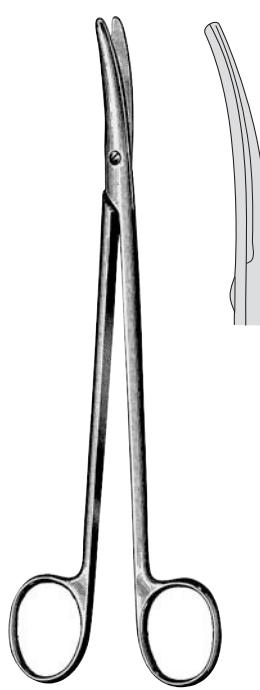
METZENBAUM

AS-1560	14,5 cm
AS-1561	18,0 cm
AS-1562	20,0 cm
AS-1563	23,0 cm
AS-1564	25,0 cm
AS-1565	28,0 cm
AS-1566	30,0 cm



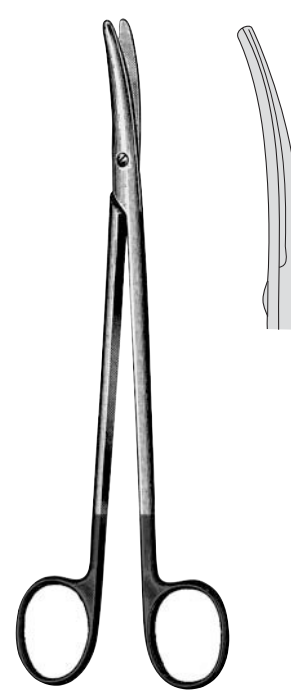
**METZENBAUM
SUPERCUT (SC)**

AS-1567	14,5 cm
AS-1568	18,0 cm
AS-1569	20,0 cm
AS-1570	23,0 cm
AS-1571	25,0 cm
AS-1572	28,0 cm
AS-1573	30,0 cm



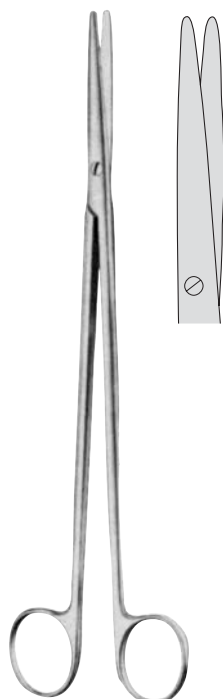
METZENBAUM

AS-1574	14,5 cm
AS-1575	18,0 cm
AS-1576	20,0 cm
AS-1577	23,0 cm
AS-1578	25,0 cm
AS-1579	28,0 cm
AS-1580	30,0 cm



**METZENBAUM
SUPERCUT (SC)**

AS-1581	14,5 cm
AS-1582	18,0 cm
AS-1583C	20,0 cm
AS-1584	23,0 cm
AS-1585	25,0 cm
AS-1586	28,0 cm
AS-1587	30,0 cm



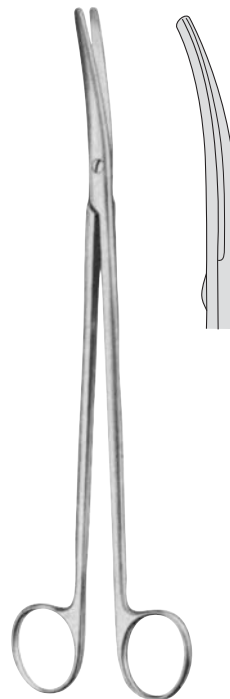
METZENBAUM-FINO

AS-1588	14,5 cm
AS-1589	18,0 cm
AS-1590	20,0 cm
AS-1591	23,0 cm



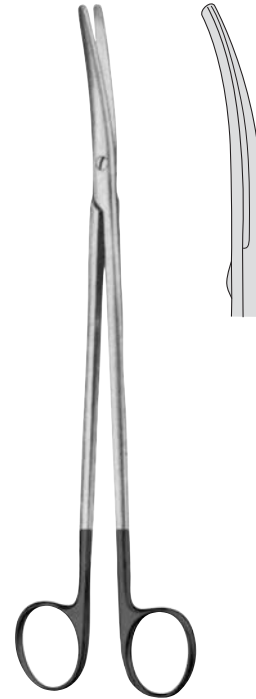
**METZENBAUM-FINO
SUPERCUT (SC)**

AS-1592	14,5 cm
AS-1593	18,0 cm
AS-1594	20,0 cm
AS-1595	23,0 cm



METZENBAUM-FINO

AS-1596	14,5 cm
AS-1597	18,0 cm
AS-1598	20,0 cm
AS-1599	23,0 cm



**METZENBAUM-FINO
SUPERCUT (SC)**

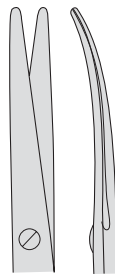
AS-1600	14,5 cm
AS-1601	18,0 cm
AS-1602	20,0 cm
AS-1603	23,0 cm



LEXER-BABY



AS-1604
10 cm



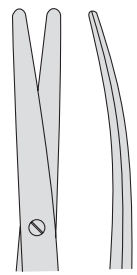
AS-1605
10 cm



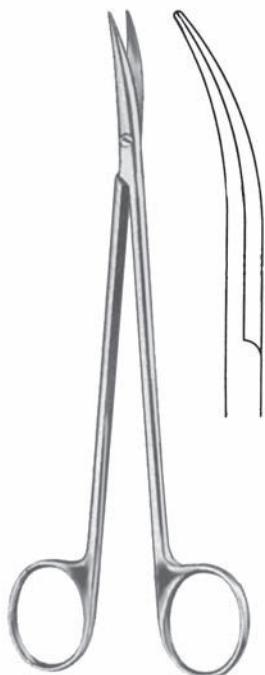
LAHEY-METZENBAUM



AS-1606
15 cm



AS-1607
15 cm



DE BAKEY
AS-1608
17 cm



TOENNIS



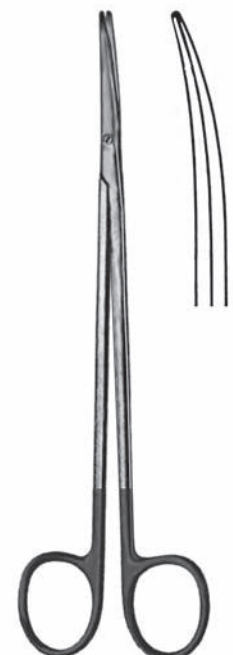
AS-1609
18 cm



AS-1610
18 cm



TOENNIS-ADSON
AS-1611
18 cm



**TOENNIS-ADSON
SUPERCUT (SC)**
AS-1612 18 cm



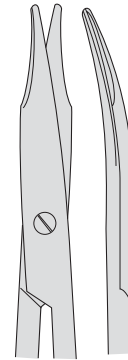
**REYNOLDS
(JAMESON)**



**REYNOLDS
(JAMESON)
SUPERCUT (SC)**



AS-1613 15 cm
AS-1614 SC 15 cm
AS-1615 18 cm



AS-1616 15 cm
AS-1617 SC 15 cm
AS-1618 18 cm

Serrated



**JAMESON
AS-1619**
15 cm
Straight



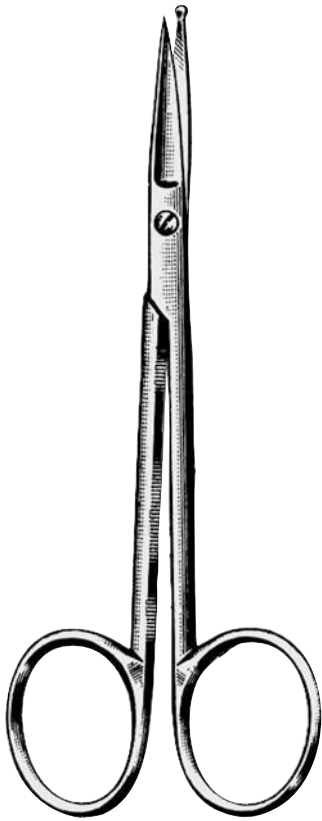
AS-1620 15 cm
AS-1621 18 cm
Gebogen curved



**JAMESON
SUPERCUT (SC)**



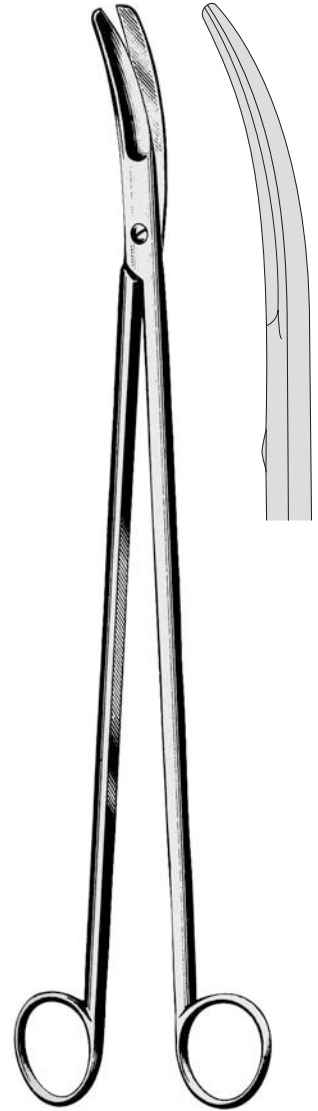
AS-1622 15 cm
Curved



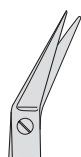
VASCULAR
AS-1623
11 cm



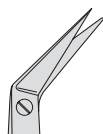
BOWMAN
AS-1624
11 cm



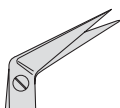
CRAFOORD
AS-1625
30 cm



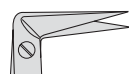
AS-1626 13,5 cm /25°
AS-1627 19 cm /25°



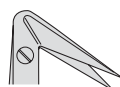
AS-1628 13,5 cm /45°
AS-1629 19 cm /45°



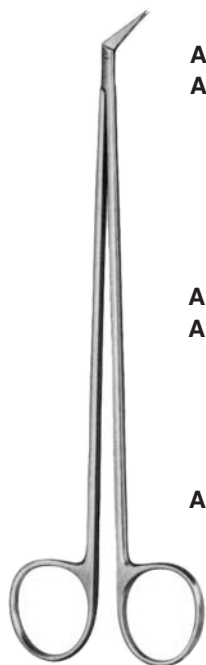
AS-1630 13,5 cm /60°
AS-1631 19 cm /60°



AS-1632 13,5 cm /90°
AS-1633 19 cm /90°



AS-1634 19 cm /120°



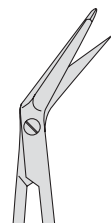
HEGEMANN-DIETRICH



HEGEMANN
AS-1635 19 cm 125°



AS-1636
18 cm 25°



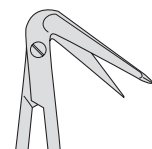
AS-1637
18 cm 45°



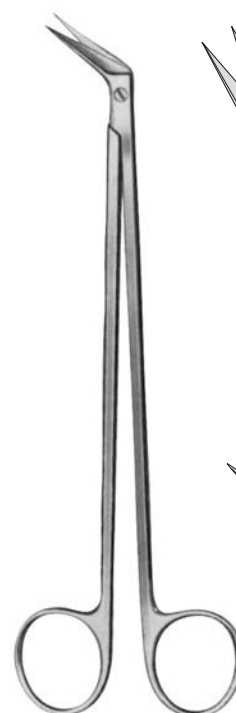
AS-1638
18 cm 60°



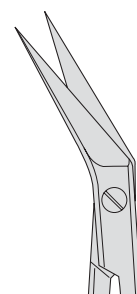
AS-1639
18 cm 90°



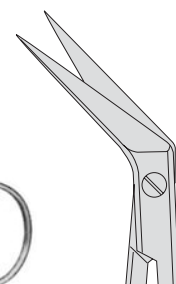
AS-1640
18 cm 125°



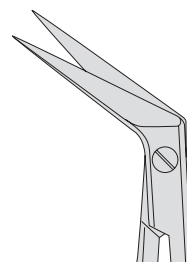
POTTS-SMITH



AS-1641
19 cm 25°



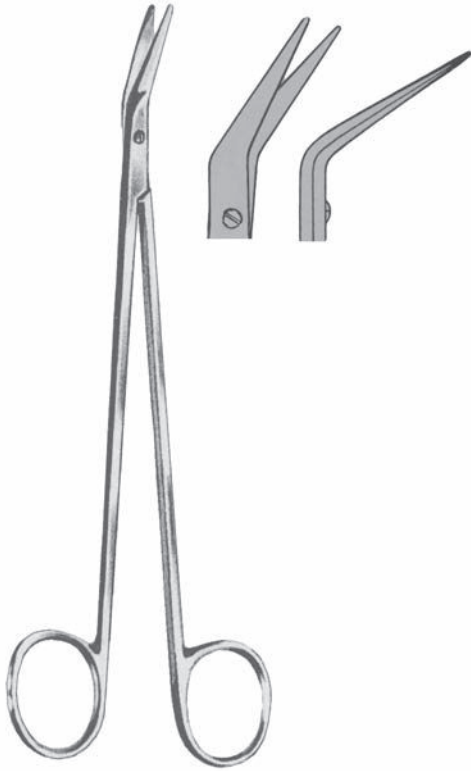
AS-1642
19 cm 45°



AS-1643
19 cm 60°



ARTERIOTOMY



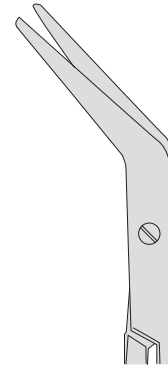
POTTS-SMITH
AS-1644
19 cm



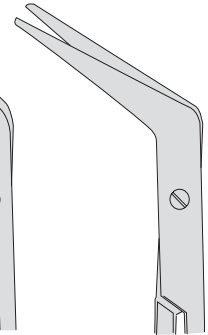
DEBAKEY



AS-1645
16 cm 25°
AS-1646
23 cm 25°



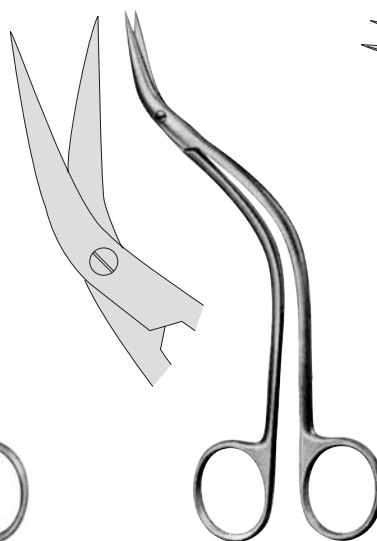
AS-1647
16 cm 45°
AS-1648
23 cm 45°



AS-1649
16 cm 60°
AS-1650
23 cm 60°



DEBAKEY
AS-1651
16 cm 25°



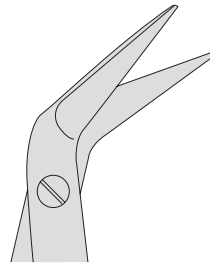
DEBAKEY
AS-1652
16 cm 45°



FAVOLORO
AS-1653
15 cm



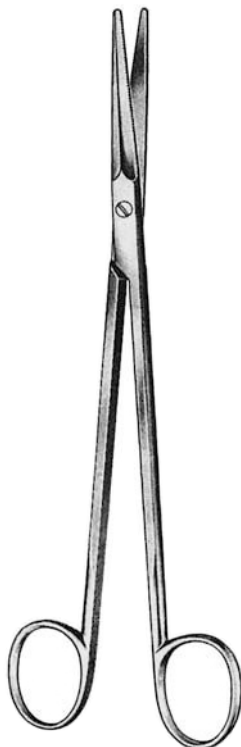
POTTS-DE-MARTEL



AS-1654 21 cm /60°
AS-1655 24 cm /60°



AS-1656 18 cm /60°
1 probe-pointed blade



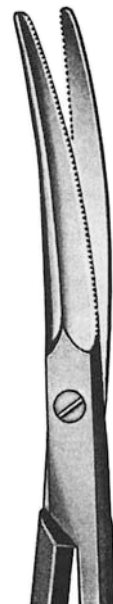
GORNEY
AS-1657 - AS-1658



AS-1659
12,5 cm



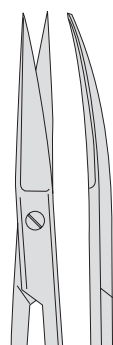
AS-1660
19 cm
Gezahnt / Serrated



AS-1661
19 cm



IRIS
AS-1662
11,5 cm



IRIS
AS-1663
11,5 cm



IRIS
AS-1664
11,5 cm



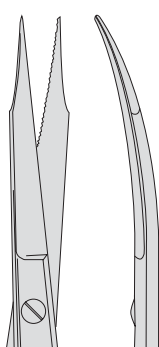
STRABISMUS
AS-1665
11,5 cm



STRABISMUS
AS-1666
11,5 cm



GOLDMAN-FOX
AS-1667
13 cm



GOLDMAN-FOX
AS-1668
13 cm



BABY-LEXER
AS-1669
10 cm



BABY-LEXER
AS-1670
10 cm



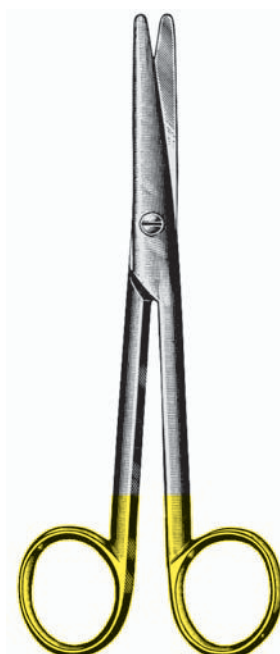
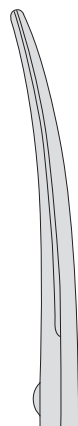
RAGNELL
AS-1671
11,5 cm



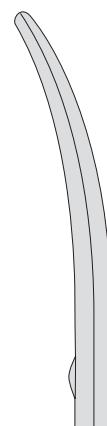
MAYO
AS-1675 14,5 cm
AS-1676 17 cm
AS-1677 23 cm



MAYO-LEXER
AS-1679 16 cm



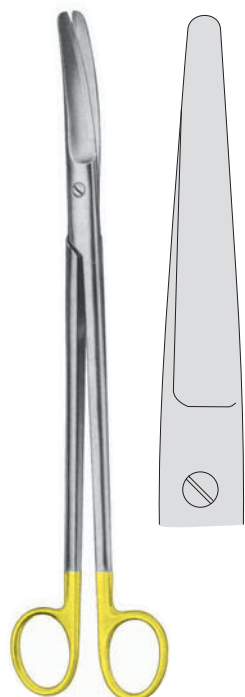
MAYO-STILLE
AS-1682 15 cm
AS-1683 17 cm



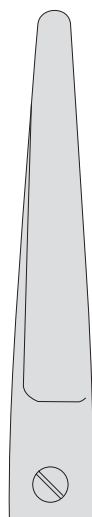
MAYO
AS-1672 14,5 cm
AS-1673 17 cm
AS-1674 23 cm

MAYO-LEXER
AS-1678 16 cm

MAYO-STILLE
AS-1680 15 cm
AS-1681 17 cm



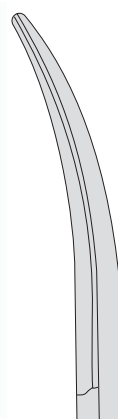
MAYO-HARRINGTON
AS-1686 23 cm
AS-1687 28 cm



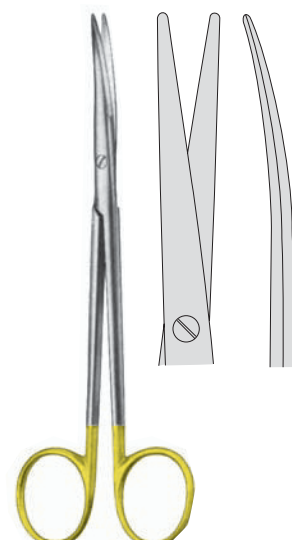
MAYO-HARRINGTON
AS-1684 23 cm
AS-1685 28 cm



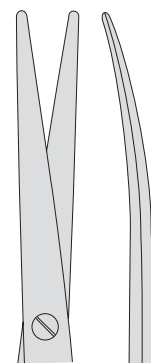
SIMS
AS-1689 23 cm



SIMS
AS-1688 23 cm



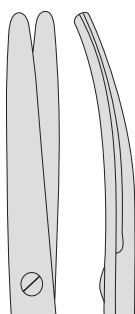
TOENNIS-ADSON
AS-1690 18 cm





METZENBAUM

AS-1691 14,5 cm
AS-1692 18 cm
AS-1693 20 cm
AS-1694 23 cm
AS-1695 25 cm
AS-1696 28 cm
AS-1697 30 cm



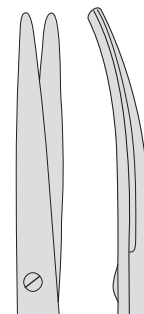
METZENBAUM

AS-1698 14,5 cm
AS-1699 18 cm
AS-1700 20 cm
AS-1701 23 cm
AS-1702 25 cm
AS-1703 28 cm
AS-1704 30 cm



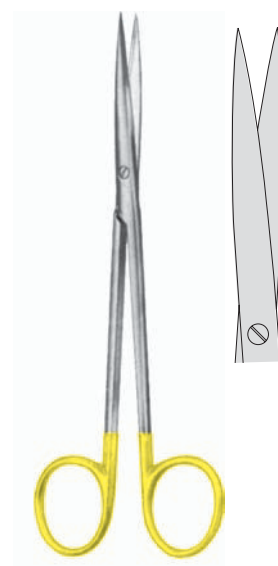
METZENBAUM- FINO

AS-1705 14,5 cm
AS-1706 18 cm
AS-1707 20 cm
AS-1708 23 cm
AS-1709 25 cm
AS-1710 28 cm



METZENBAUM-FINO

AS-1711 14,5 cm
AS-1712 18 cm
AS-1713 20 cm
AS-1714 23 cm
AS-1715 25 cm
AS-1716 28 cm



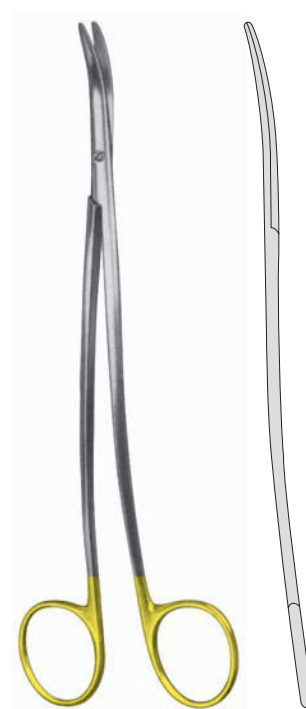
METZENBAUM X-FINO

AS-1717 14,5 cm
AS-1718 18 cm
AS-1719 20 cm
AS-1720 23 cm



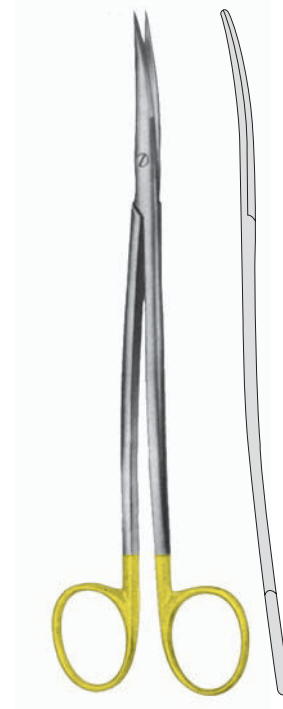
METZENBAUM X-FINO

AS-1721 14,5 cm
AS-1722 18 cm
AS-1723 20 cm
AS-1724 23 cm



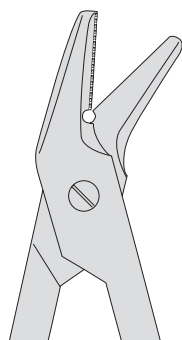
METZENBAUM

AS-1725 18 cm
AS-1726 20 cm
AS-1727 23 cm



METZENBAUM-FINO

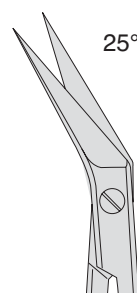
AS-1728 18 cm
AS-1729 20 cm
AS-1730 23 cm



UNIVERSAL
AS-1731 12,5 cm

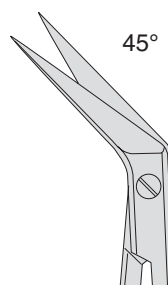


POTTS-SMITH



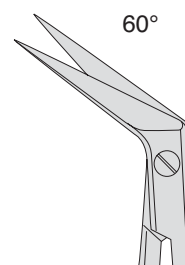
25°

POTTS-SMITH
AS-1732 19 cm



45°

POTTS-SMITH
AS-1733 19 cm

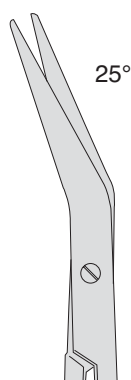


60°

POTTS-SMITH
AS-1734 19 cm

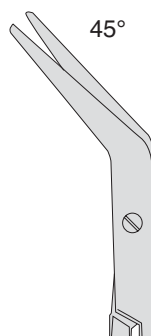


DEBAKEY



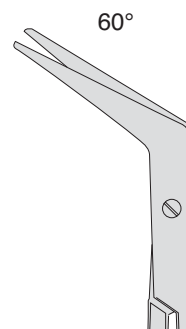
25°

DEBAKEY
AS-1735 19 cm
AS-1736 23 cm
AS-1737 28 cm



45°

DEBAKEY
AS-1738 19 cm
AS-1739 23 cm
AS-1740 28 cm



60°

DEBAKEY
AS-1741 19 cm
AS-1742 23 cm
AS-1743 28 cm



GRAEFE
AS-1745 10 cm



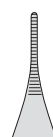
GRAEFE
AS-1746 10 cm



GRAEFE
AS-1747 10 cm



ADSON-MICRO
AS-1748 12 cm
AS-1749 15 cm



ADSON
AS-1750 12 cm
AS-1751 12 cm
AS-1752 15 cm
AS-1753 15 cm



McINDOE
AS-1754 15 cm
AS-1755 15 cm



FINO
AS-1756 11,5 cm
AS-1757 13 cm
AS-1758 14,5 cm
AS-1759 15 cm
AS-1760 16 cm
AS-1761 18 cm
AS-1762 20 cm
AS-1763 25 cm



DRESSING
AS-1764 10,5 cm
AS-1765 11,5 cm
AS-1766 13 cm
AS-1767 14,5 cm
AS-1768 14,5 cm
AS-1769 15 cm
AS-1770 16 cm
AS-1771 18 cm
AS-1772 20 cm
AS-1773 20 cm
AS-1774 25 cm
AS-1775 30 cm



BLANK
AS-1776 13 cm
AS-1777 14,5 cm
AS-1778 16 cm



BROPHY
AS-1779 20 cm



BROPHY
AS-1780 20 cm



CUSHING
AS-1781 18 cm



CUSHING
AS-1782 18 cm



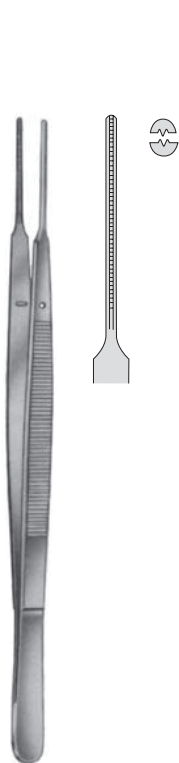
GERALD
AS-1783 18 cm



GERALD
AS-1784 18 cm



GERALD
AS-1785 18 cm



DEBAKEY-GERALD
AS-1786 18 cm



DUEHRSEN
AS-1787 20 cm



POTTS-SMITH
AS-1788 18 cm
AS-1789T 18 cm
AS-1790 21cm
AS-1791T 21 cm
AS-1792 25 cm
AS-1793T 25 cm



POTTS-SMITH
AS-1794 18 cm
AS-1795 21 cm



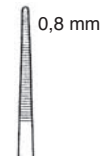
WAUGH
AS-1796
20 cm



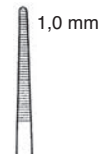
MIKRO
AS-1797-AS-1798 15.5 cm



AS-1799



AS-1800



AS-1801



GRAEFE
AS-1802
10 cm 1x2



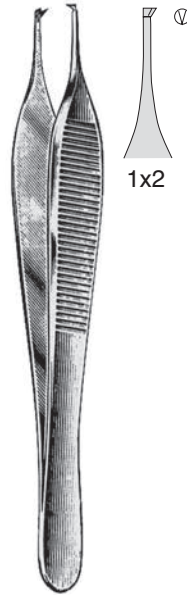
AS-1803 10 cm 1x2



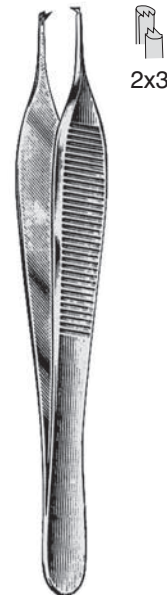
AS-1804 10 cm 1x2



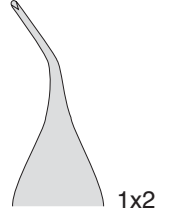
ADSON-MICRO
AS-1805 12 cm
AS-1806 15 cm



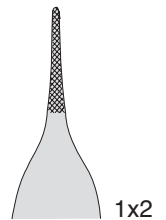
ADSON
AS-1807 12 cm
AS-1808 12 cm
AS-1809 15 cm



ADSON
AS-1810 12 cm



ADSON
AS-1811 12 cm 45°
AS-1812 15 cm 45°



ADSON
AS-1813 12 cm



ADSON-DEBAKEY
AS-1814 12,5 cm
AS-1815 15 cm



ADSON-GRAEFE
AS-1816 12 cm



GILLIES
AS-1817 15 cm
AS-1818 15 cm



TISSUE-FINO

AS-1819	10,5 cm	1x2
AS-1820	11,5 cm	1x2
AS-1821	13 cm	1x2
AS-1822	14,5 cm	1x2
AS-1823	15 cm	1x2
AS-1824	16 cm	1x2
AS-1825	18 cm	1x2
AS-1826	20 cm	1x2
AS-1827	25 cm	1x2



TISSUE

AS-1828	10,5 cm	1x2
AS-1829	11,5 cm	1x2
AS-1830	13 cm	1x2
AS-1831	14,5 cm	1x2
AS-1832	16 cm	1x2
AS-1833	18 cm	1x2
AS-1834	20 cm	1x2
AS-1835	25 cm	1x2
AS-1836	30 cm	1x2



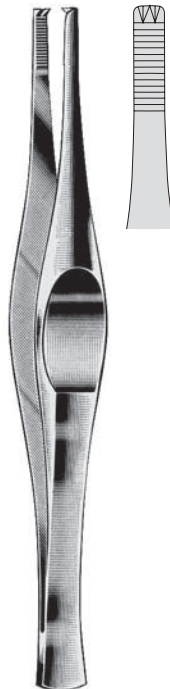
TISSUE

AS-1837	14,5 cm	1x2
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FERRIS-SMITH

AS-1838	18 cm	1x2
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FERRIS-SMITH

AS-1839	18 cm	2x3
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BROPHY

AS-1840	20 cm	1x2
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BROPHY

AS-1841	20 cm	1x2
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CUSHING
AS-1842 18 cm 1x2



GERALD
AS-1843 18 cm 1x2



GERALD
AS-1844 18 cm 1x2



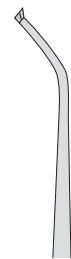
GERALD
AS-1845 18 cm 1x2



DUEHRSEN
AS-1846 20 cm 1x2



POTTS-SMITH
AS-1847 18 cm 1x2
AS-1848 21 cm 1x2
AS-1849 25 cm 1x2



POTTS-SMITH
AS-1850 18 cm 1x2
AS-1851 21 cm 1x2
AS-1852 25 cm 1x2



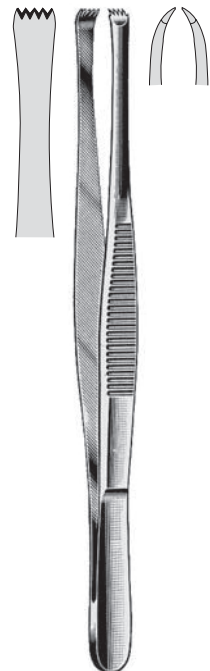
ALDERKREUZ
AS-1853 15 cm 2x3
AS-1854 20 cm 2x3



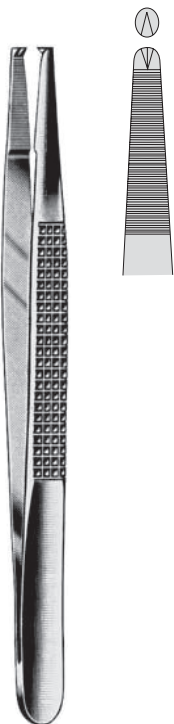
ALDERKREUZ
AS-1855 15 cm 4x5
AS-1856 20 cm 4x5



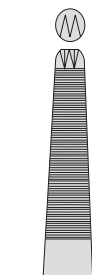
LERCHE
AS-1857 15 cm 5x6



STONE
AS-1858 15 cm 4x5



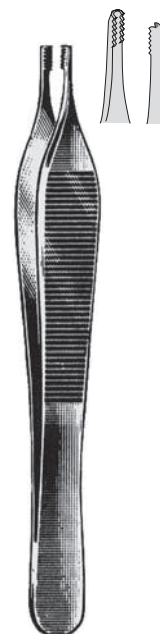
BONNEY
AS-1859
18 cm 1x2



BONNEY
AS-1860
18 cm 2x3



NELSON
AS-1861 15 cm
AS-1862 20 cm
AS-1863 23 cm



ADSON-BROWN
AS-1864 12 cm 9x9



BROWN
AS-1865 15 cm
AS-1866 20 cm
AS-1867 25 cm



LANE
AS-1868 14,5 cm 1x2
AS-1869 20 cm 1x2



LANE
AS-1870 14,5 cm 2x3
AS-1871 20 cm 2x3



RUSSIAN
AS-1872 15 cm
AS-1873 20 cm
AS-1874 25 cm



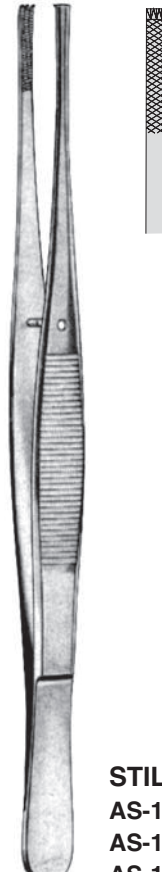
MAYO-RUSSIAN
AS-1875 23 cm



WANGENSTEEN
AS-1876 23 cm



SINGLEY (TUTTLE)
AS-1877 15 cm
AS-1878 18 cm
AS-1879 23 cm



STILLE-BARRAYA
AS-1880 18 cm
AS-1881 20 cm
AS-1882 25 cm



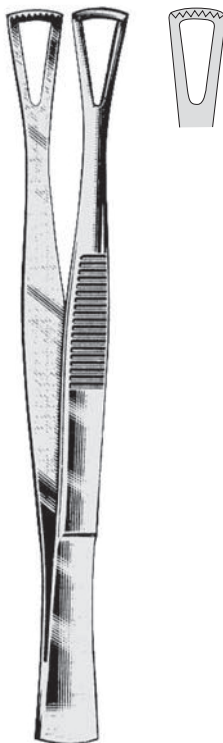
WAUGH
AS-1883 20 cm



DURANTE



AS-1884 14,5 cm
AS-1885 16 cm
AS-1886 20 cm



DUVAL
AS-1887 14,5 cm



COLLIN-DUVAL
AS-1888 20 cm, 14 mm
AS-1889 20 cm, 18 mm
AS-1890 20 cm, 27 mm



DEBAKEY

AS-1891 15 cm/ 1,5 mm
AS-1892 20 cm/ 1,5 mm
AS-1893 24 cm/ 1,5 mm



DEBAKEY

AS-1894 16 cm/ 1,5 mm
AS-1895 20 cm/ 1,5 mm
AS-1896 24 cm/ 1,5 mm



DEBAKEY

AS-1897 15 cm/2 mm
AS-1898 20 cm/2 mm
AS-1899 24 cm/2 mm
AS-1900 30 cm/2 mm



DEBAKEY

AS-1901 16 cm/1,8 mm
AS-1902 20 cm/1,8 mm
AS-1903 24 cm/1,8 mm



DEBAKEY

AS-1904 16 cm/2 mm
AS-1905 16 cm/2 mm
AS-1906 20 cm/2 mm
AS-1907 20 cm/2 mm
AS-1908 24 cm/2 mm
AS-1909 24 cm/2 mm
AS-1910 30 cm/2 mm
AS-1911 30 cm/2 mm



DEBAKEY

AS-1912 16 cm/2,7 mm
AS-1913 16 cm/2,7 mm
AS-1914 20 cm/2,7 mm
AS-1915 20 cm/2,7 mm
AS-1916 24 cm/2,7 mm
AS-1917 24 cm/2,7 mm
AS-1918 30 cm/2,7 mm
AS-1919 30 cm/2,7 mm



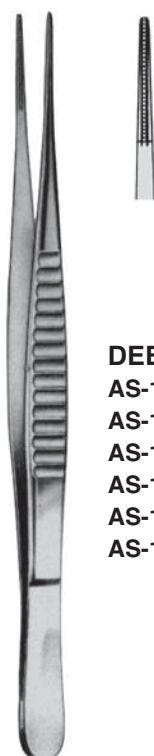
DEBAKEY

AS-1920	15 cm/3,5 mm
AS-1921	15 cm/3,5 mm
AS-1922	20 cm/3,5 mm
AS-1923	20 cm/3,5 mm
AS-1924	24 cm/3,5 mm
AS-1925	24 cm/3,5 mm
AS-1926	30 cm/3,5 mm
AS-1927	30 cm/3,5 mm



COOLEY

AS-1928	15 cm/2 mm
AS-1929	15 cm/2 mm
AS-1930	19 cm/2 mm
AS-1931	19 cm/2 mm
AS-1932	24 cm/2 mm
AS-1933	24 cm/2 mm



DEBAKEY

AS-1934	15 cm /1 mm
AS-1935	15 cm /1 mm
AS-1936	20 cm/1 mm
AS-1937	20 cm/1 mm
AS-1938	24 cm/1 mm
AS-1939	24 cm/1 mm



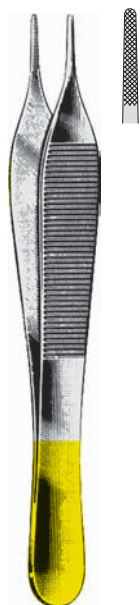
DEBAKEY

AS-1940	15 cm /1,2 mm TITAN
AS-1941	15 cm /1,2 mm
AS-1942	18 cm/1,2 mm TITAN
AS-1943	18 cm/1,2 mm
AS-1944	21 cm/1,2 mm TITAN
AS-1945	21 cm/1,2 mm
AS-1946	15 cm /2,0 mm TITAN
AS-1947	15 cm /2,0 mm
AS-1948	18 cm/2,0 mm TITAN
AS-1949	18 cm/2,0 mm
AS-1950	21 cm/2,0 mm TITAN
AS-1951	21 cm/2,0 mm

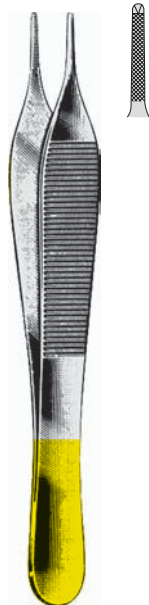
"PROMEDUR" DISSECTING FORCEPS



ASAMAR
SURGICAL



ADSON
AS-1952 12 cm
AS-1953 15 cm



ADSON
AS-1954 12 cm 1x2
AS-1955 15 cm 1x2



CUSHING
AS-1956 18 cm



CUSHING
AS-1957 18 cm



CUSHING
AS-1958 19 cm



POTTS-SMITH
AS-1959 15 cm
AS-1960 18 cm
AS-1961 21 cm
AS-1962 25 cm



WANGENSTEEN
AS-1963 15 cm
AS-1964 23 cm
AS-1965 25 cm



DRESSING
AS-1966 14,5 cm
AS-1967 18 cm
AS-1968 20 cm
AS-1969 25 cm



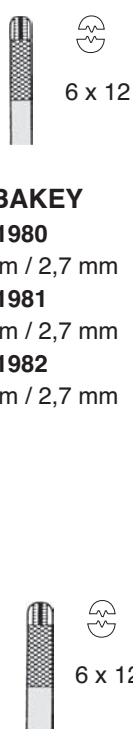
DRESSING
AS-1970 14,5 cm
AS-1971 18 cm
AS-1972 20 cm
AS-1973 25 cm



DEBAKEY
AS-1974
15 cm / 1,5 mm
AS-1975
19 cm / 1,5 mm
AS-1976
24 cm / 1,5 mm



DEBAKEY
AS-1977
15 cm / 2 mm
AS-1978
19 cm / 2 mm
AS-1979
24 cm / 2 mm



DEBAKEY
AS-1980
15 cm / 2,7 mm
AS-1981
19 cm / 2,7 mm
AS-1982
24 cm / 2,7 mm



DEBAKEY
AS-1986
15 cm / 2 mm
AS-1987
19 cm / 2 mm
AS-1988
24 cm / 2 mm



OEHLER
AS-1989 14 cm
AS-1990 16 cm
AS-1991 18 cm
AS-1992 20 cm
AS-1993 25 cm
AS-1994 30 cm



GERALD
AS-1995 18 cm



GERALD
AS-1996 18 cm 1x2



BONNEY
AS-1997 18 cm 1x2



ADSON-BROWN
AS-1998 12 cm 9x9



COAGULATING

AS-1999 11 cm/0,25 mm

AS-2000 11 cm/0,6 mm



COAGULATING

AS-2001 11 cm/0,25 mm

AS-2002 11 cm/0,6 mm



COAGULATING

AS-2003 11 cm/0,25 mm

AS-2004 11 cm/0,6 mm

BIPOLAR COAGULATION FORCEPS



ASAMAR
SURGICAL



COAGULATING

AS-2005 15 cm/0,3 mm

AS-2006 15 cm/1,0 mm

AS-2007 15 cm/2,0 mm



COAGULATING

AS-2008 18 cm/0,3 mm

AS-2009 18 cm/1,0 mm

AS-2010 18 cm/2,0 mm



COAGULATING

AS-2011 20 cm/0,3 mm

AS-2012 20 cm/1,0 mm

AS-2013 18 cm/2,0 mm



COAGULATING

AS-2014 22 cm/0,3 mm

AS-2015 22 cm/1,0 mm

AS-2016 22 cm/2,0 mm



COAGULATING

AS-2017 24 cm/0,3 mm

AS-2018 24 cm/1,0 mm

AS-2019 24 cm/2,0 mm

BIPOLAR COAGULATION FORCEPS



ASAMAR
SURGICAL



COAGULATING

AS-2020 15 cm/0,3 mm

AS-2021 15 cm/1,0 mm

AS-2022 15 cm/2,0 mm



COAGULATING

AS-2023 18 cm/0,3 mm

AS-2024 18 cm/1,0 mm

AS-2025 18 cm/2,0 mm



COAGULATING

AS-2026 20 cm/0,3 mm

AS-2027 20 cm/1,0 mm

AS-2028 20 cm/2,0 mm



COAGULATING

AS-2029 22 cm/0,3 mm

AS-2030 22 cm/1,0 mm

AS-2031 22 cm/2,0 mm

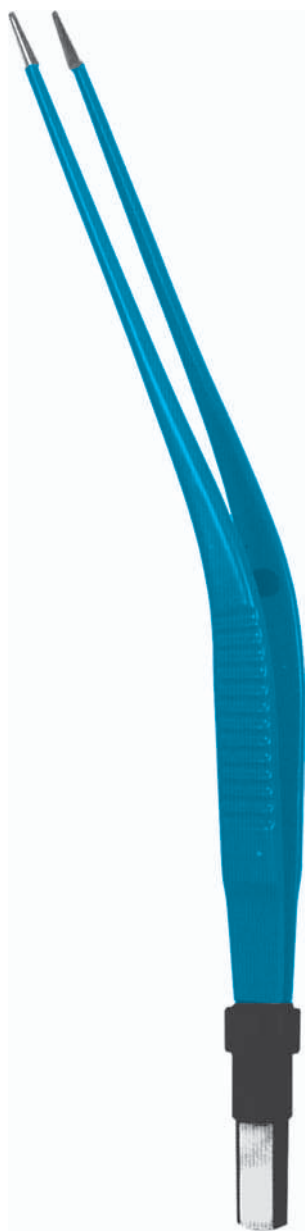


COAGULATING

AS-2032 24 cm/0,3 mm

AS-2033 24 cm/1,0 mm

AS-2034 24 cm/2,0 mm



COAGULATING

AS-2035 17 cm/0,3 mm

AS-2036 17 cm/1,0 mm

AS-2037 17 cm/2,0 mm



COAGULATING

AS-2038 18 cm/0,3 mm

AS-2039 18 cm/1,0 mm

AS-2040 18 cm/2,0 mm



COAGULATING

AS-2041 20 cm/0,3 mm

AS-2042 20 cm/1,0 mm

AS-2043 20 cm/2,0 mm



COAGULATING

AS-2045 22 cm/0,3 mm

AS-2046 22 cm/1,0 mm

AS-2047 22 cm/2,0 mm



COAGULATING

AS-2048 24 cm/0,3 mm

AS-2049 24 cm/1,0 mm

AS-2050 24 cm/2,0 mm



AS-2051
2-banana-plug fiche



AS-2052
Model Erbe



AS-2053
Model Martin



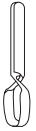
AS-2054
Model Valleylab



AS-2055
Model Aesculap Gk50



AS-2056
Model Codman CMC II



MICRO-CLIP
AS-2057
10 x 2 mm
60 gr.



MICRO-CLIP
AS-2058
8 x 2 mm
85 gr.



MICRO-CLIP
AS-2059
6 x 1 mm
100 gr.



MICRO-CLIP
AS-2060
4 x 0,75 mm
125 gr.



MICRO-CLIP
AS-2061
6 x 1 mm
45°, 70 gr.



MICRO-CLIP
AS-2062
6 x 1 mm
70 gr.



AS-2063 14 cm



AS-2064 18 cm

applying forceps



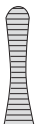
JOHNS-HOPKINS
AS-2085 23 cm
applying forceps



DIEFFENBACH
AS-2065 3,5 m



DIEFFENBACH
AS-2066 3,5 cm



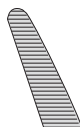
DIEFFENBACH
AS-2067 5 cm



DIEFFENBACH
AS-2068 5 cm



DIEFFENBACH
AS-2069 6 cm



DIEFFENBACH
AS-2070 6 cm



JOHNS-HOPKINS
AS-2071 38 mm
AS-2072 50 mm
AS-2073 57 mm
AS-2074 63 mm
AS-2075 70 mm
AS-2076 76 mm
AS-2077 90 mm



JOHNS-HOPKINS
AS-2078 38 mm
AS-2079 50 mm
AS-2080 57 mm
AS-2081 63 mm
AS-2082 70 mm
AS-2083 76 mm
AS-2084 90 mm



SCHWARTZ
AS-2086 25 mm



SCHWARTZ
AS-2087 25 mm



SCHWARTZ
AS-2088 25 mm



MINI-SERREFINE
AS-2089 28 mm



MINI-SERREFINE
AS-2090 28 mm



SCHWARTZ
AS-2091 19 cm



HARTMANN
AS-2092 10 cm
AS-2093 10 cm
smooth jaws



HARTMANN
AS-2094 10 cm



HARTMANN-MICRO
AS-2095 10 cm



HARTMANN-MICRO
AS-2096 10 cm



HARTMANN
AS-2097 10 cm 1x2



HARTMANN
AS-2098 10 cm 1x2



MOSQUITO
AS-2099 12,5 cm
lefthanded



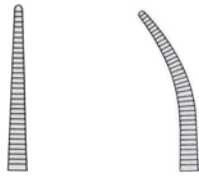
AS-2100 12,5 cm
lefthanded





MOSQUITO

AS-2101 12,5 cm
AS-2102 12,5 cm
AS-2103 14 cm

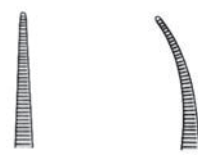


AS-2104 12,5 cm
AS-2105 12,5 cm
AS-2106 14 cm



MICRO-MOSQUITO

AS-2107 12,5 cm

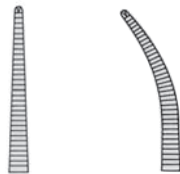


AS-2108



MOSQUITO

AS-2109 12,5 cm 1x2
AS-2110 14 cm 1x2

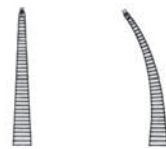


AS-2111 12,5 cm 1x2
AS-2112 14 cm 1x2

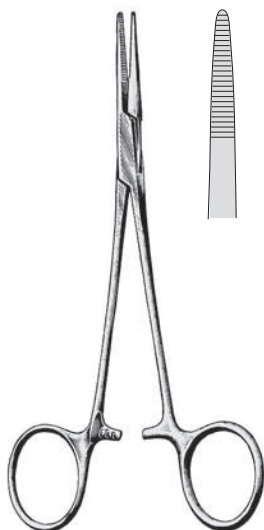


MICRO-MOSQUITO

AS-2113 12,5 cm 1x2

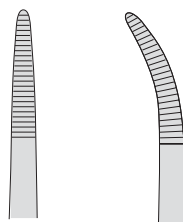


AS-2114 1x2



PROVIDENCE-HOSPITAL

AS-2115 14,5 cm



AS-2116



KELLY

AS-2117 14 cm
AS-2118 14 cm



AS-2119
AS-2120T



CRILE

AS-2121 14 cm

AS-2122 14 cm



AS-2123
AS-2124



CRILE-BABY

AS-2125



AS-2126



AS-2127 1x2

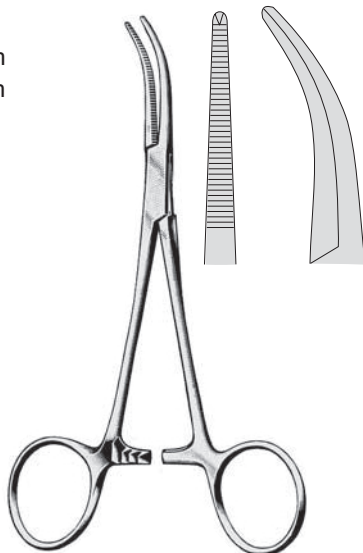


AS-2128 1x2



DANDY

AS-2129 14,5 cm



DANDY

AS-2130 14,5 cm 1x2



LOVELACE

AS-2131 15,5 cm

AS-2132 15,5 cm
1x2



LERICHE

15 cm



AS-2133



AS-2134



AS-2135 1x2



AS-2136 1x2



RANKIN-KELLY

16 cm



AS-2137



AS-2138



RANKIN-CRILE
AS-2139 16 cm



AS-2140



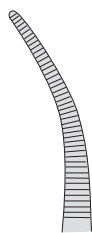
RANKIN-CRILE
AS-2141 16 cm 1x2



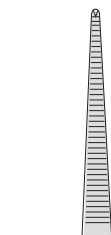
AS-2142 1x2



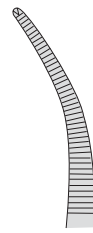
HALSTED
AS-2143 18 cm
AS-2144 21 cm



AS-2145 18 cm
AS-2146 21 cm



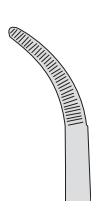
AS-2147 18 cm 1x2
AS-2148 21 cm 1x2



AS-2149 18 cm 1x2
AS-2150 21 cm 1x2



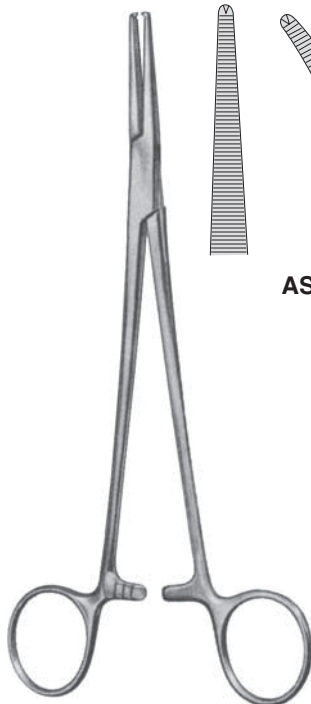
ADSON
AS-2151 18,5 cm



AS-2152



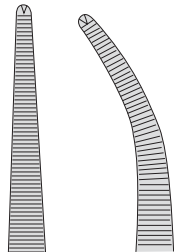
ADSON-BABY
AS-2153 14 cm
AS-2154 18 cm



ADSON
AS-2155 18,5 cm 1x2



HEISS
AS-2157 20 cm



AS-2156 1x2



AS-2158



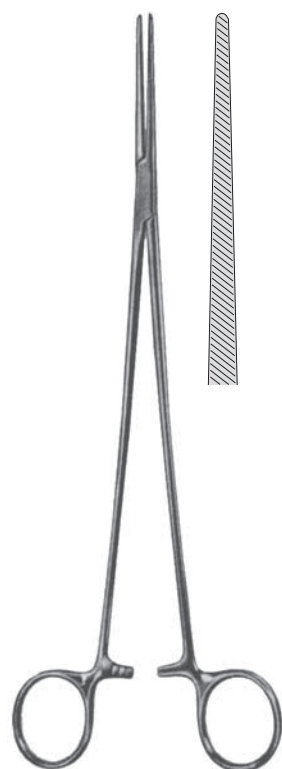
AS-2159



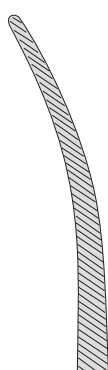
AS-2160
1x2



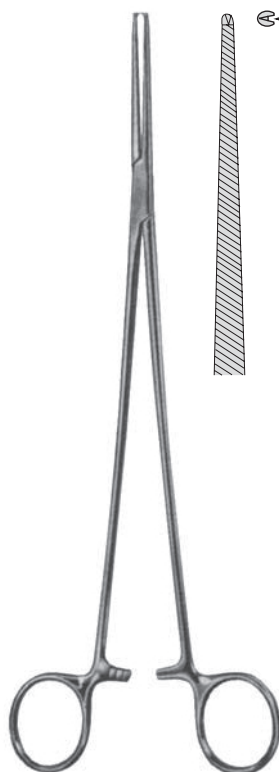
AS-2161
1x2



BENGOLEA
AS-2162 20 cm
AS-2163 26 cm



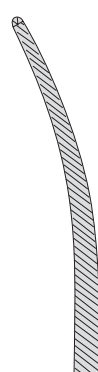
AS-2164 20 cm
AS-2165 26 cm



BENGOLEA
AS-2166 20 cm 1x2
AS-2167 26 cm 1x2



AS-2168 20 cm 1x2



AS-2169 26 cm 1x2



AS-2171
28 cm



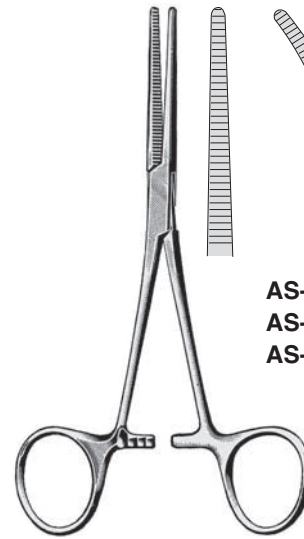
BRIDGE
AS-2170 28 cm



AS-2174 16 cm
AS-2175 20 cm

**ROCH-
CARMALT**

AS-2172 16 cm
AS-2173 20 cm



AS-2179 13 cm
AS-2180 14 cm
AS-2181 16 cm

PEAN-FINO

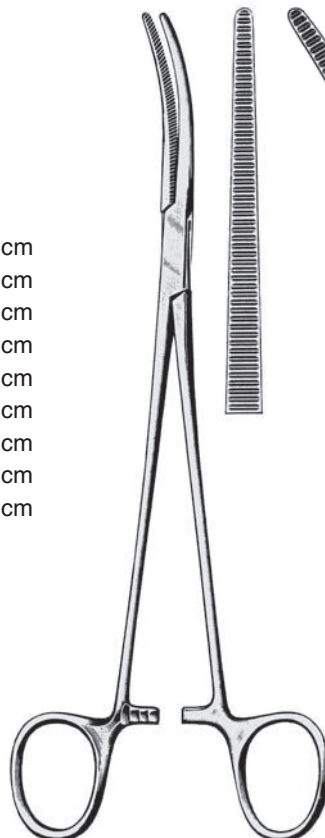
AS-2176 13 cm
AS-2177 14 cm
AS-2178 16 cm



AS-2191 13 cm
AS-2192 14 cm
AS-2193 16 cm
AS-2194 18 cm
AS-2195 20 cm
AS-2196 22 cm
AS-2197 24 cm
AS-2198 26 cm
AS-2199 30 cm

**ROCHESTER-
PEAN**

AS-2182 13 cm
AS-2183 14 cm
AS-2184 16 cm
AS-2185 18 cm
AS-2186 20 cm
AS-2187 22 cm
AS-2188 24 cm
AS-2189 26 cm
AS-2190 30 cm



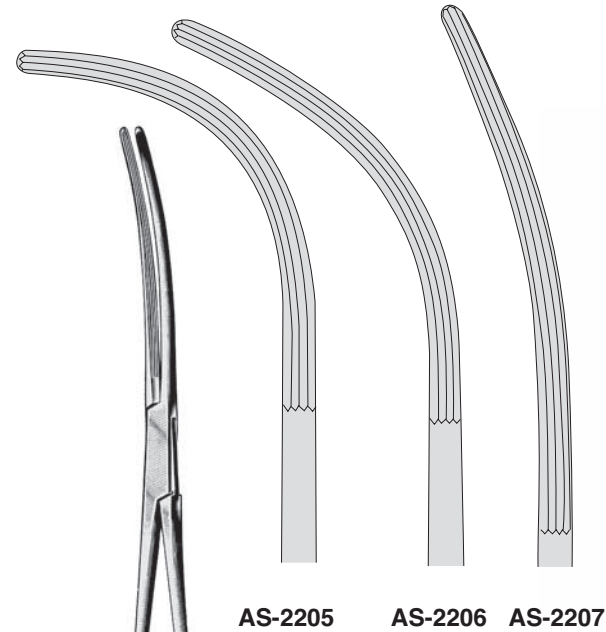
ROBERTS
AS-2200 22 cm

AS-2201

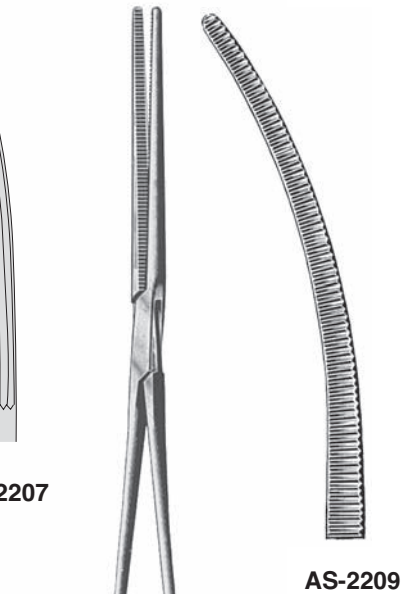


AS-2204
24 cm

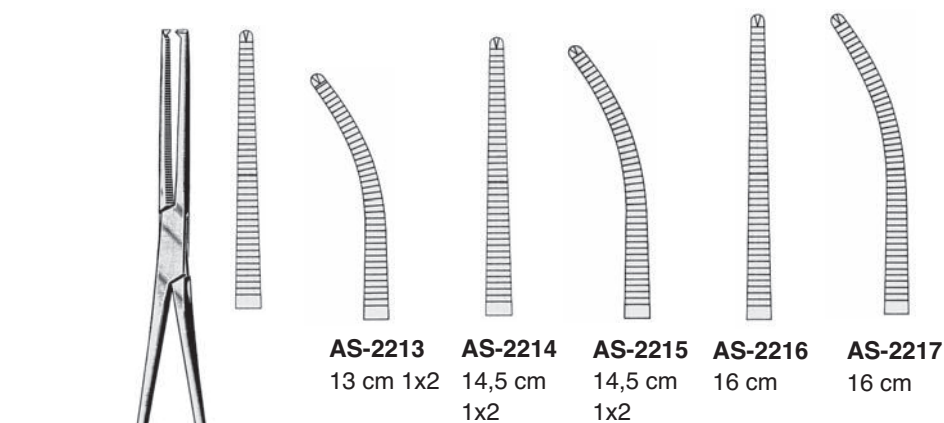
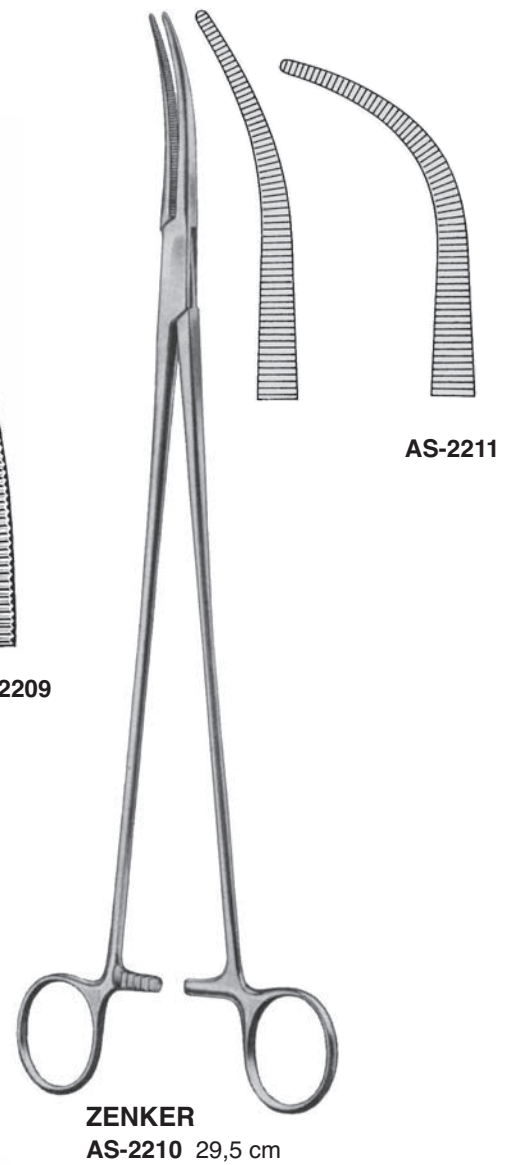
CRAFOORD
AS-2203 18 cm



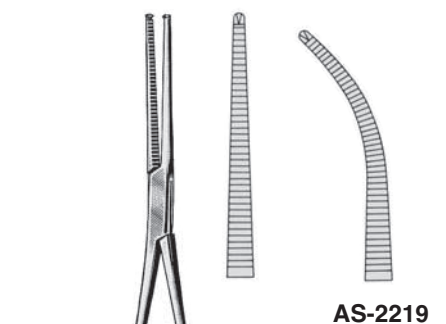
CRAFOORD-SELLORS
24 cm



SAROT
AS-2208 24 cm



KOCHER
AS-2212 13 cm 1x2



KOCHER-FINO
AS-2218 14 cm



ROCHESTER-OGHSNER



AS-2220
16 cm
1x2



AS-2221
18 cm
1x2



AS-2222
20 cm
1x2



AS-2223
22 cm
1x2



AS-2224
24 cm
1x2



AS-2225
26 cm
1x2



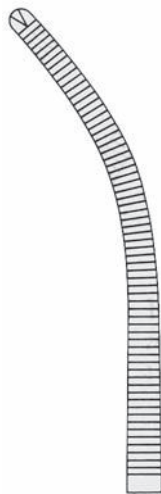
AS-2226
30 cm
1x2



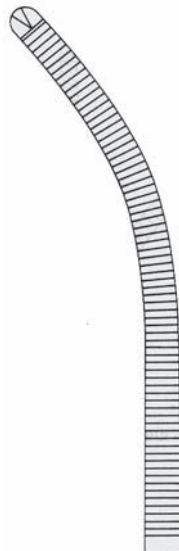
AS-2227
16 cm
1x2



AS-2228
18 cm
1x2



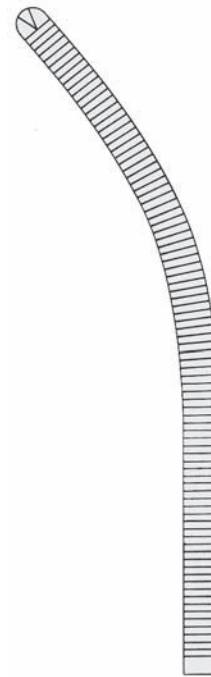
AS-2229
20 cm
1x2



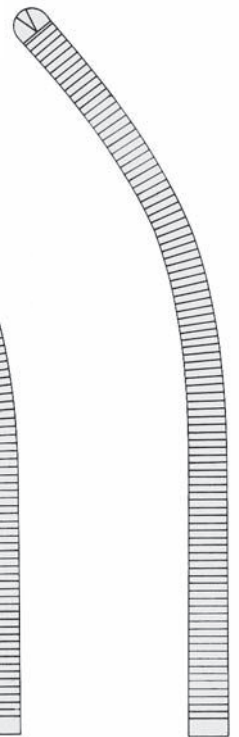
AS-2230
22 cm
1x2



AS-2231
24 cm
1x2



AS-2232
26 cm
1x2



AS-2233
30 cm
1x2



MIXTER-O'SHAUGHNESSY

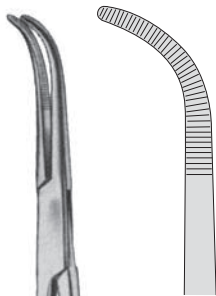
AS-2234 15 cm

AS-2235 19 cm



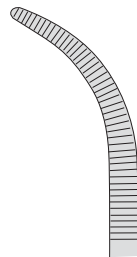
OVERHOLT-BABY

AS-2236 14 cm



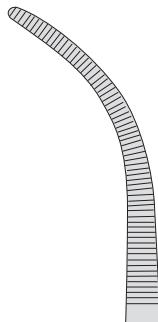
AS-2237 #1

AS-2238 #1



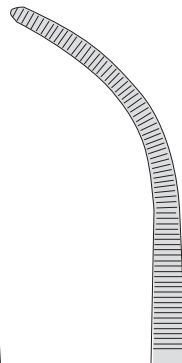
AS-2239 #2

AS-2240 #2



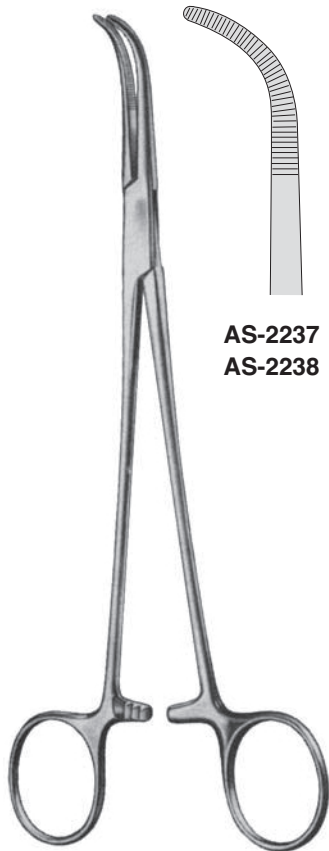
AS-2241 #3

AS-2242 #3



AS-2243 #4

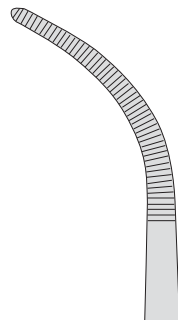
AS-2244 #4



**OVERHOLT-
GEISSENDOERFER**

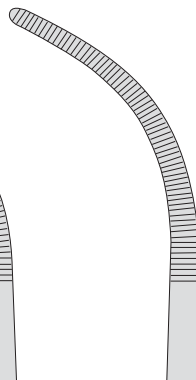
AS-2245-AS-2246 21 cm

AS-2247-AS-2248 27 cm



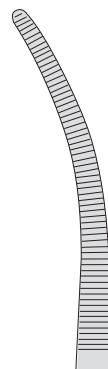
AS-2249 #5

AS-2250 #5



AS-2251 #6

AS-2252 #6



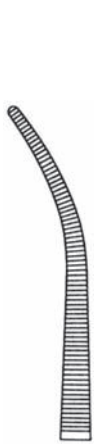
AS-2253 #7

AS-2254 #7



OVERHOLT-MIXTER

AS-2255 21 cm



AS-2256
19 cm



AS-2257
22 cm



AS-2258
24 cm



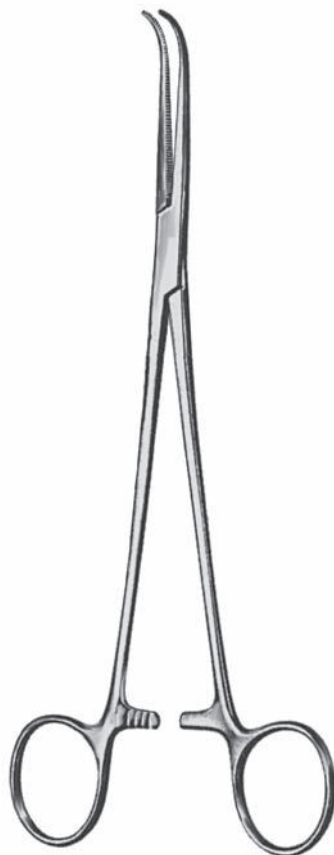
AS-2259
19 cm



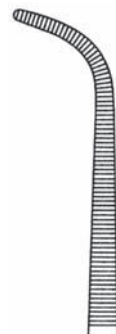
AS-2260
22 cm



AS-2261
24 cm



KELLY



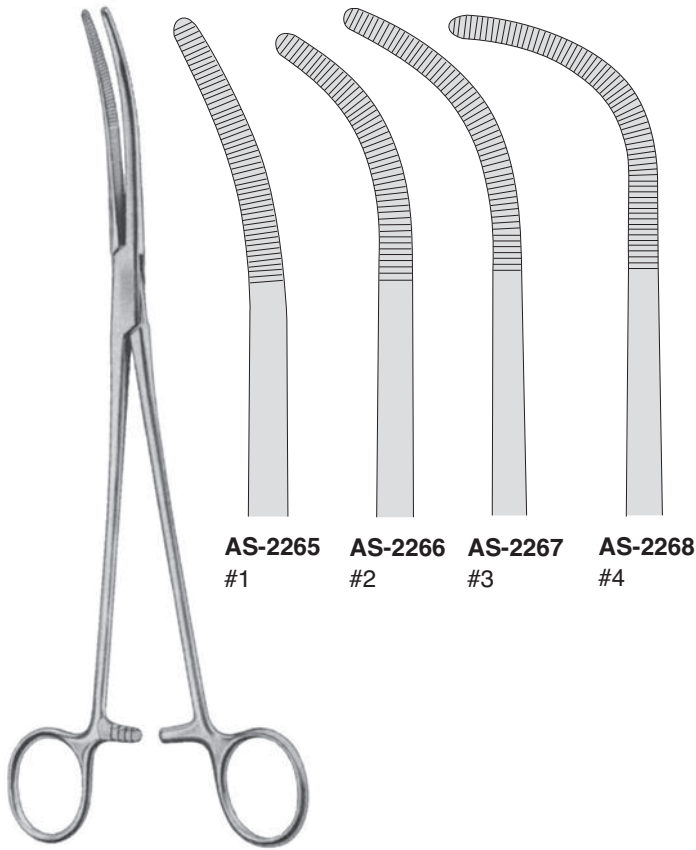
AS-2262
19 cm



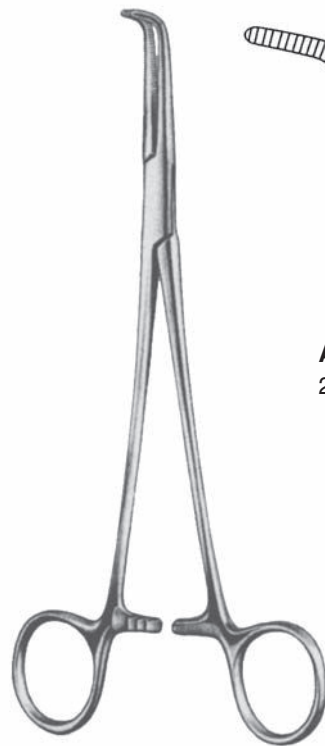
AS-2263
22 cm



AS-2264
24 cm



RUMEL
23 cm



KANTROWITZ

AS-2269
20 cm

AS-2270
24 cm

AS-2271
28 cm



GEMINI-MINI

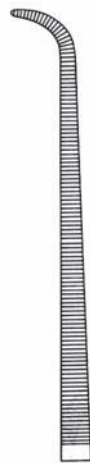
AS-2272
18 cm



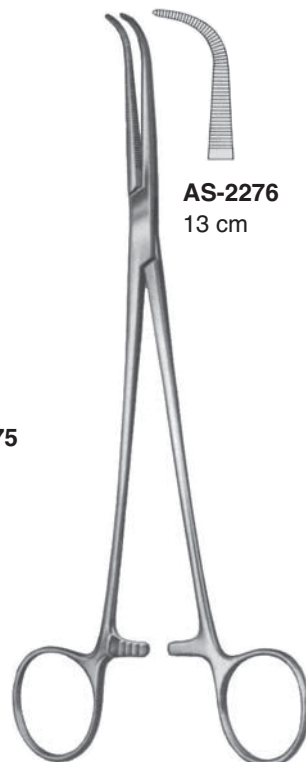
AS-2273
22 cm



AS-2274
25 cm



AS-2275
28 cm



GEMINI

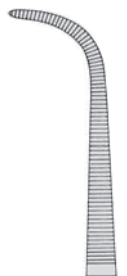
AS-2276
13 cm



AS-2277
16 cm



AS-2278
18 cm



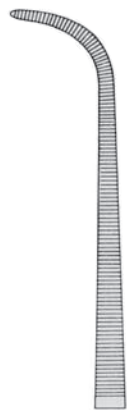
AS-2279
20 cm



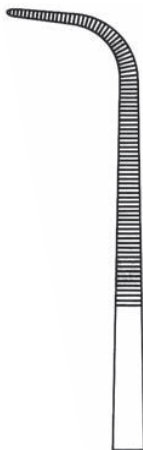
AS-2280
23 cm



AS-2281
25 cm



AS-2282
28 cm



WIKSTROEM
AS-2283 21 cm
AS-2284 24 cm



MEEKER
AS-2285 28 cm



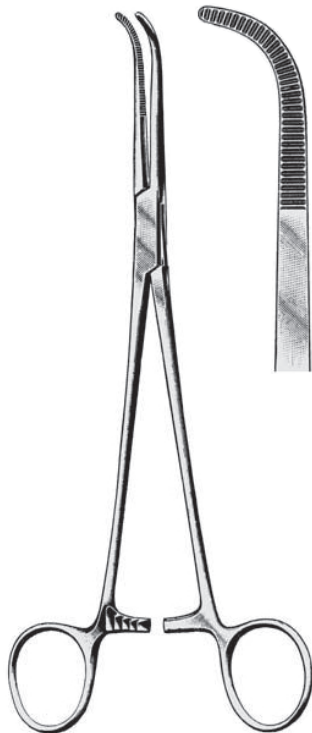
MIXTER-BABY
AS-2286 14,5 cm



AS-2287



MIXTER-BABY
AS-2288 18 cm



MIXTER
AS-2289 22 cm

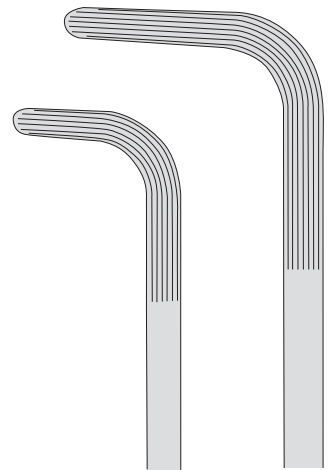


MIXTER

AS-2290 16 cm
AS-2291 19 cm
AS-2292 23 cm



MIXTER
AS-2293 22 cm



AS-2294
25 cm

AS-2295
28 cm

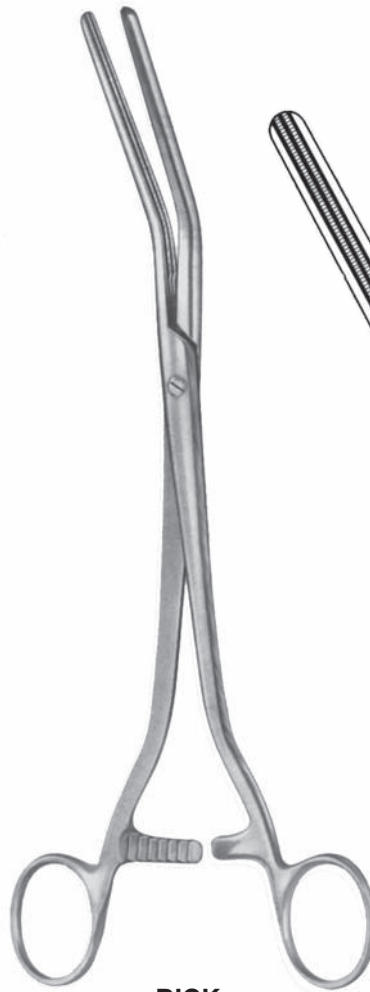


AS-2296

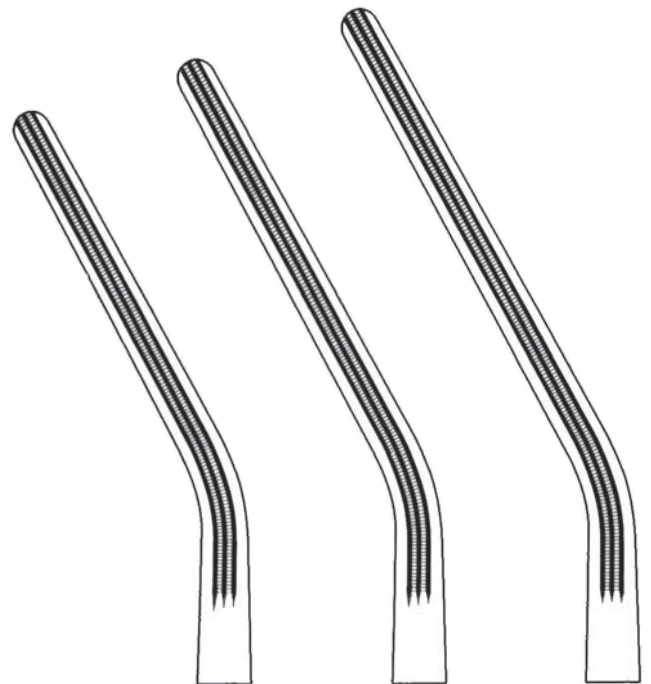
AS-2297



DEBAKEY
25 cm



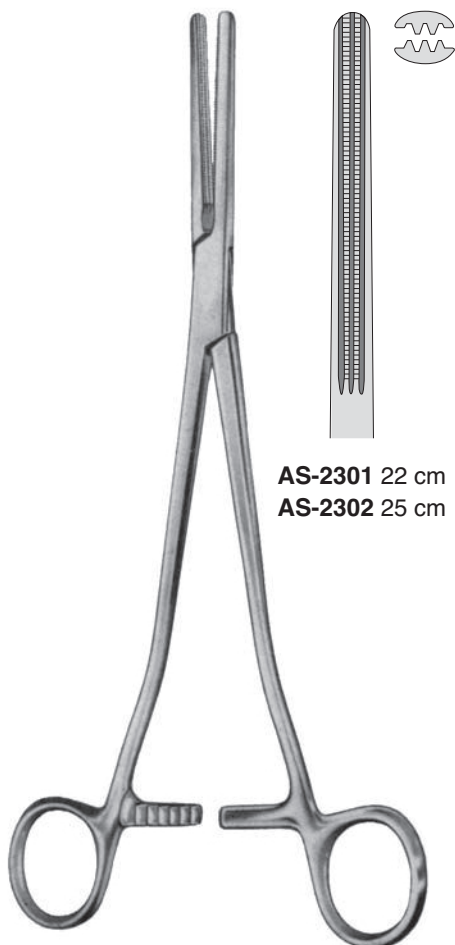
DICK



AS-2298
25 cm

AS-2299
26 cm

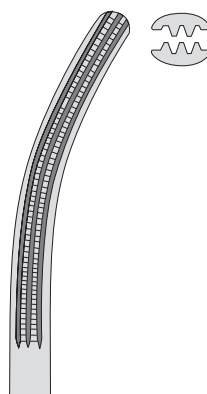
AS-2300
27 cm



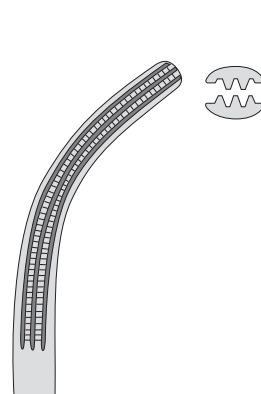
AS-2301 22 cm
AS-2302 25 cm



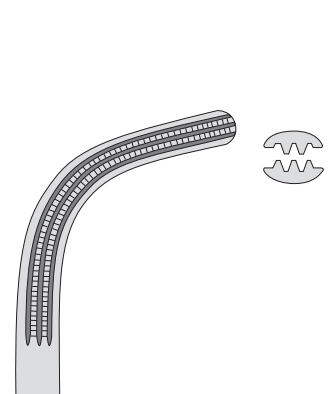
WERTHEIM-DEBAKEY



AS-2303 22 cm
AS-2304 25 cm



AS-2305 21 cm
AS-2306 25 cm



AS-2307 20 cm
AS-2308 24 cm



ALLIS-BABY

AS-2309 13 cm, 4 x 5

AS-2310 14 cm, 4 x 5



ALLIS



AS-2311

15 cm, 4 x 5



AS-2312

15 cm, 5 x 6

AS-2313

19 cm, 5 x 6

AS-2314

23 cm, 5 x 6



ALLIS



AS-2315

16 cm



AS-2316

20 cm



AS-2317

25 cm

atraumatic



ALLIS-ADAIR

AS-2318 15,5 cm



JUDD-ALLIS
AS-2319 15 cm
AS-2320 19 cm
3 x 4



BOYS-ALLIS
AS-2321 15 cm



THOMS-ALLIS
AS-2322 20 cm
6 x 7



LOCKWOOD
AS-2323 19,5 cm



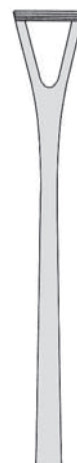
WILLIAMS
AS-2324 16,5 cm



BABCOCK



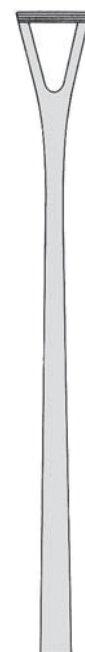
AS-2325
16 cm



AS-2326
18 cm



AS-2327
20 cm



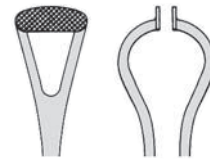
AS-2328
24 cm



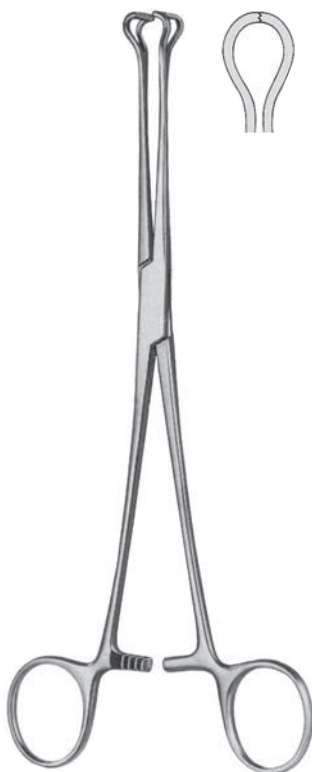
BABCOCK



AS-2329
16 cm



AS-2330
20 cm



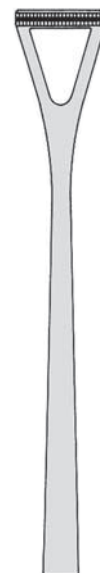
BABCOCK-DEBAKEY



AS-2331
16 cm



AS-2332
20 cm



AS-2333
23 cm



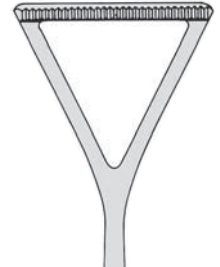
COLLIN
AS-2334
14 cm



DUVAL



AS-2335
18 cm / 14 mm
AS-2336
20 cm / 14 mm



AS-2337
20 cm / 25 mm
AS-2338
23 cm / 25 mm



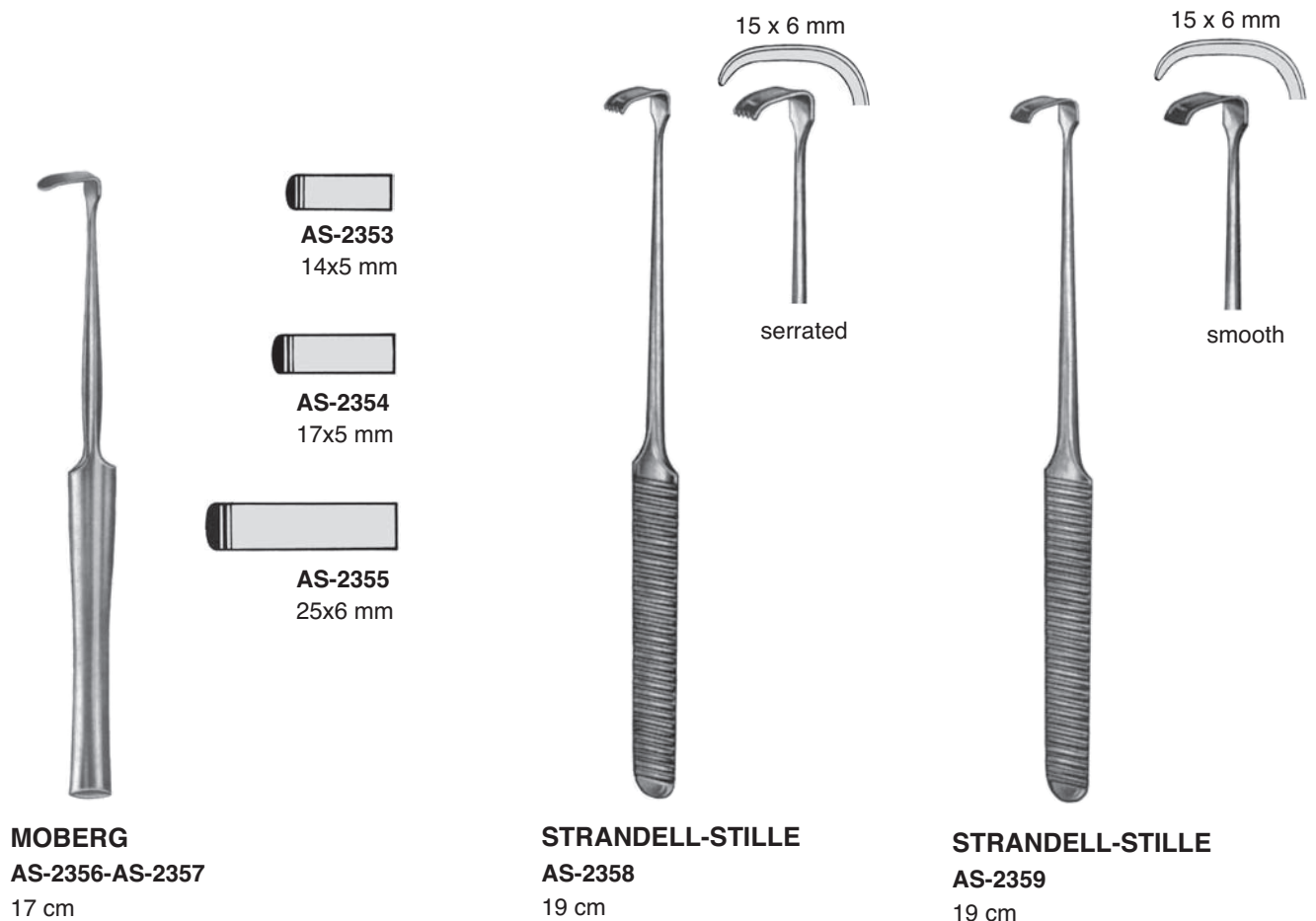
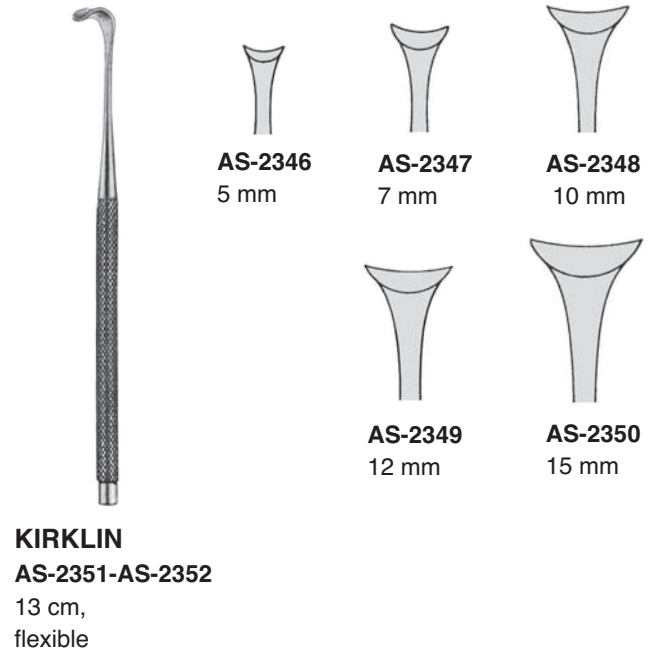
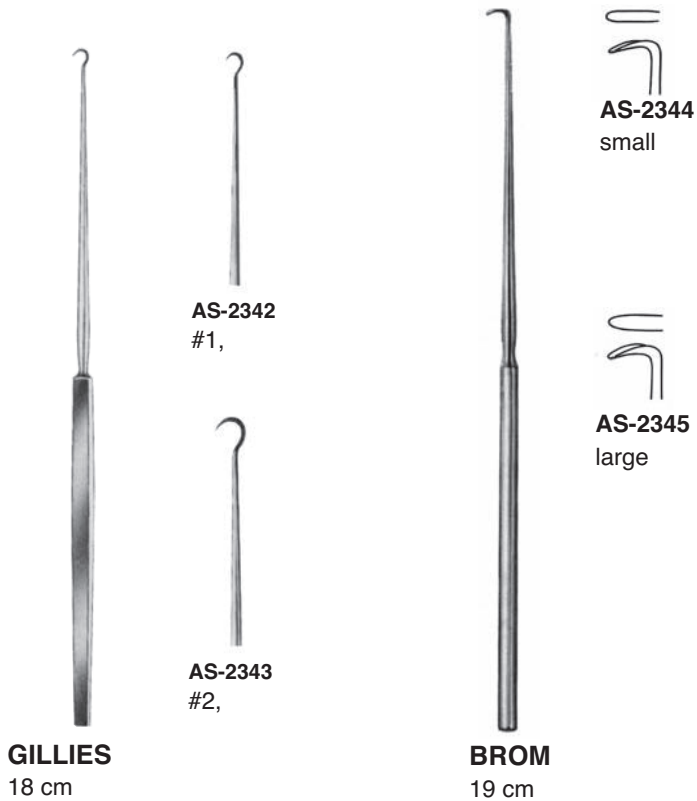
AS-2339
20 cm / 20 mm
AS-2340
23 cm / 25 mm
atraumatic

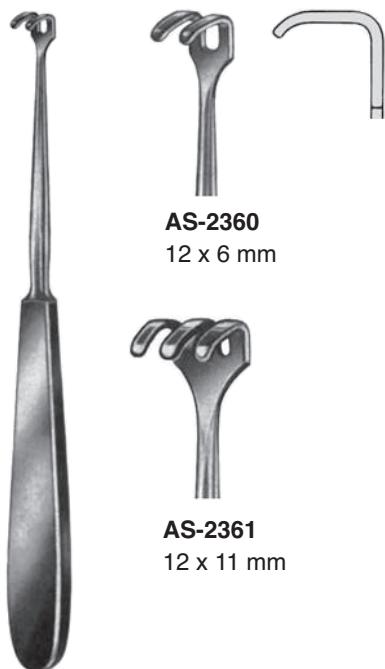


DUVAL



AS-2341
20 cm / 15 mm





KLAPP
17,5 cm

AS-2360
12 x 6 mm

AS-2361
12 x 11 mm



KÖNIG
AS-2362-AS-2363
18 cm



AS-2364
13 x 13 cm



AS-2365
12 x 16 cm



CUSHING
20 cm



AS-2366
11 x 14 mm



AS-2367
13 x 17 mm



CUSHING
AS-2368
21 cm 10 x 11 mm



CUSHING
25 cm



AS-2369
14 x 11 mm



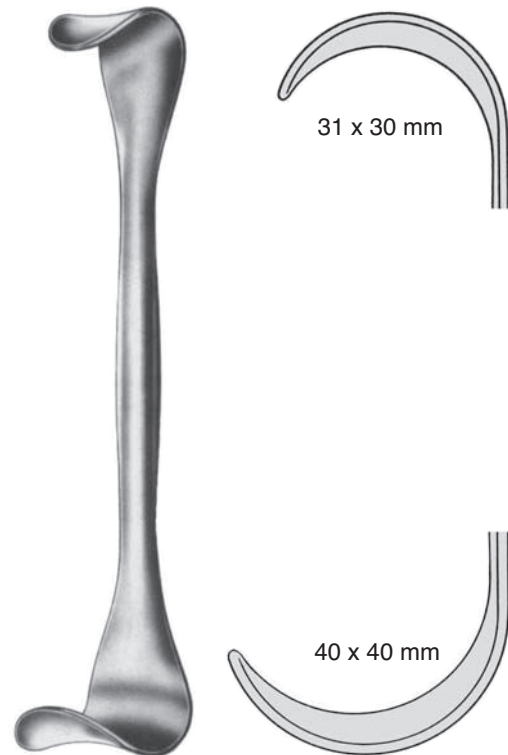
AS-2370
18 x 13 mm



AS-2371
22 x 15 mm



RAGNELL-DAVIS
AS-2372 14 cm



GOELET
AS-2373 19 cm



GIL-VERNET
24 cm
flexible



AS-2374 9 mm



AS-2377 15 mm



AS-2375 11 mm



AS-2378 18 mm



AS-2376 13 mm



AS-2379
10 mm



AS-2382
30 mm



AS-2380
15 mm



AS-2383
40 mm



AS-2381
20 mm



AS-2384
50 mm

MORSE
23 cm



KOCHER

19 cm
AS-2386 x 12 mm
AS-2387 x 14 mm



KOCHER

22 cm
AS-2388 x 10 mm
AS-2389 x 15 mm
AS-2390 x 20 mm



WASSMUND
20 cm
AS-2385
33 x 20 mm



KOCHER
23 cm
AS-2391 x 25 mm



KOCHER
25 cm
AS-2392 x 45 mm
AS-2393 x 55 mm
AS-2394 x 65 mm



MIDDELDORPF
22 cm
AS-2395 x 17 mm
AS-2396 x 22 mm
AS-2397 x 30 mm



MIDDELDORPF

26 cm

AS-2398 x 45 mm

AS-2399 x 50 mm

AS-2400 x 70 mm



MIDDELDORPF

23 cm

AS-2401 x 22 mm

AS-2402 x 30 mm



GREEN

22 cm

AS-2403 12 x 25 mm



ZENKER

26 cm

AS-2404 35 x 8 mm

AS-2405 60 x 12 mm

AS-2406 75 x 12 mm

AS-2407 85 x 12 mm

AS-2408 120 x 12 mm



KADER

27 cm

AS-2410 20 mm

AS-2411 30 mm

AS-2412 40 mm



TUFFIER

AS-2409 20 cm

25 / 17 mm

biegsam

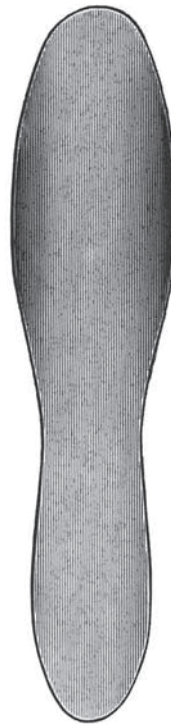
malleabl

e

malléabl

e

maleable



REVERDIN

AS-2413 29

cm 45 / 60 mm



REVERDIN

AS-2414 28

cm 45 / 60 mm



HABERER

AS-2415 30 cm 37/45 mm

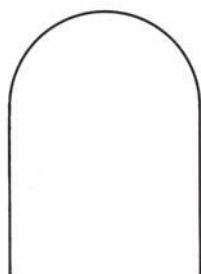
AS-2416 28 cm 25/30 mm

AS-2417 20 cm 17/25 mm

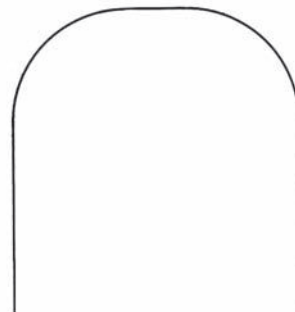
malleable



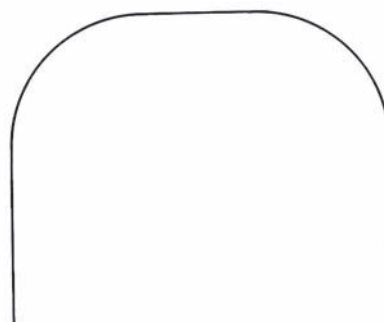
DEAVER
AS-2420-AS-2421



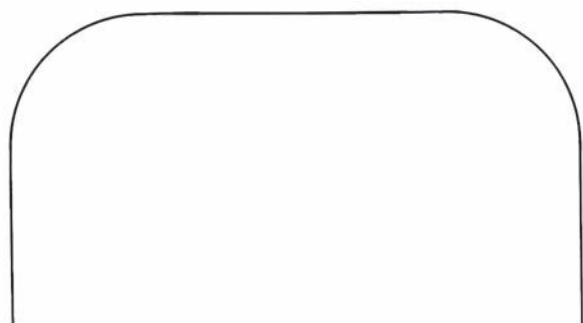
AS-2418
330 x 25 mm



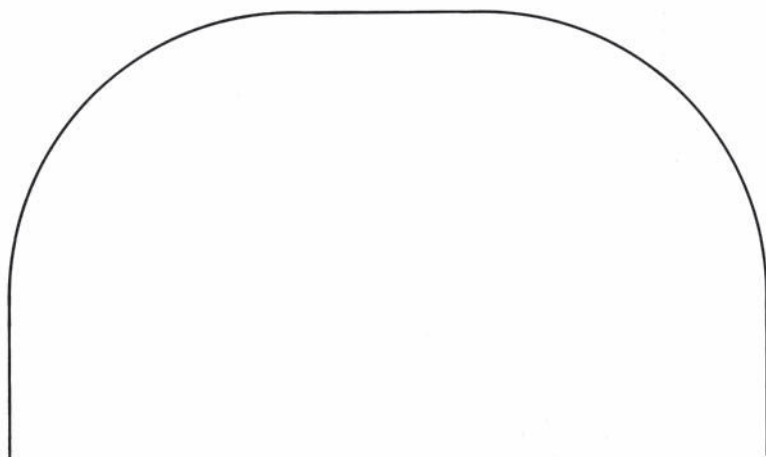
AS-2419
330 x 38 mm



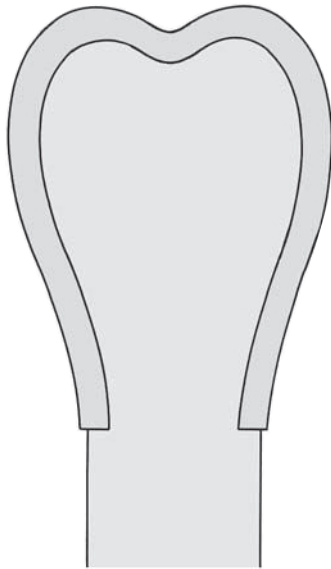
AS-2422
330 x 50 mm



AS-2423
330 x 75 mm



AS-2424
330 x 100 mm



HARRINGTON

32 cm

AS-2425 127 x 25 mm

AS-2426 127 x 40 mm

AS-2427 127 x 62 mm



ALLISON
AS-2428 26 cm / 40 mm



ALLISON
AS-2429 30 cm / 45 mm
AS-2430 32 cm / 57 mm



ALLISON
AS-2431 26 cm / 132 mm



DAVIDSON
AS-2432 75 x 50 mm



DAVIDSON
AS-2433 75 x 90 mm



POLLOSON
AS-2434
27 cm



POLLOSON
AS-2435
27 cm
fenestrated



ROSS
AS-2442-AS-2443
27 cm



AS-2436
Fig. 1



AS-2437
Fig. 2



AS-2438
Fig. 3



AS-2439
Fig. 4



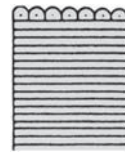
AS-2440
Fig. 5



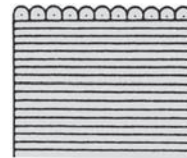
AS-2441
Fig. 6



CRAWFORD
19 cm



AS-2444
15 x 15 mm



AS-2445
15 x 23 mm



rechts
right
à droite
a
derecha

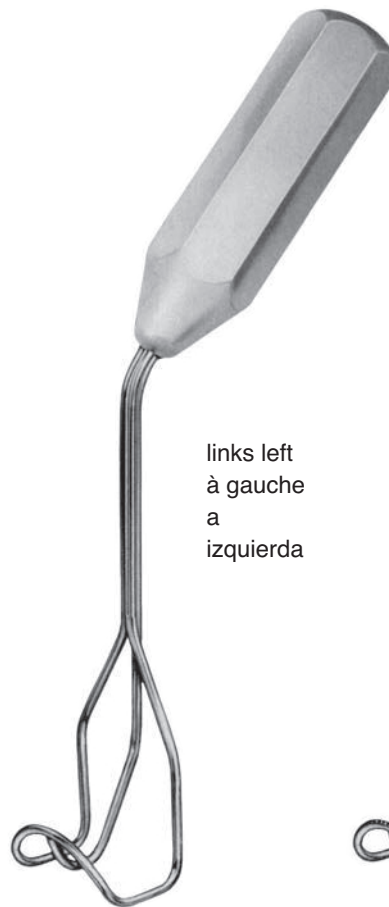
COOLEY
AS-2446
21,5 cm



rechts
right
à droite
a
derecha

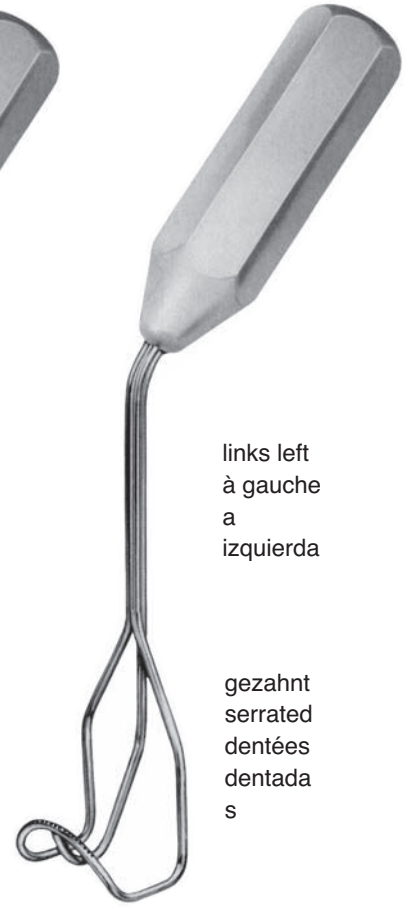
gezahnt
serrated
dentées
dentada
s

COOLEY
AS-2447
21,5 cm



links left
à gauche
a
izquierda

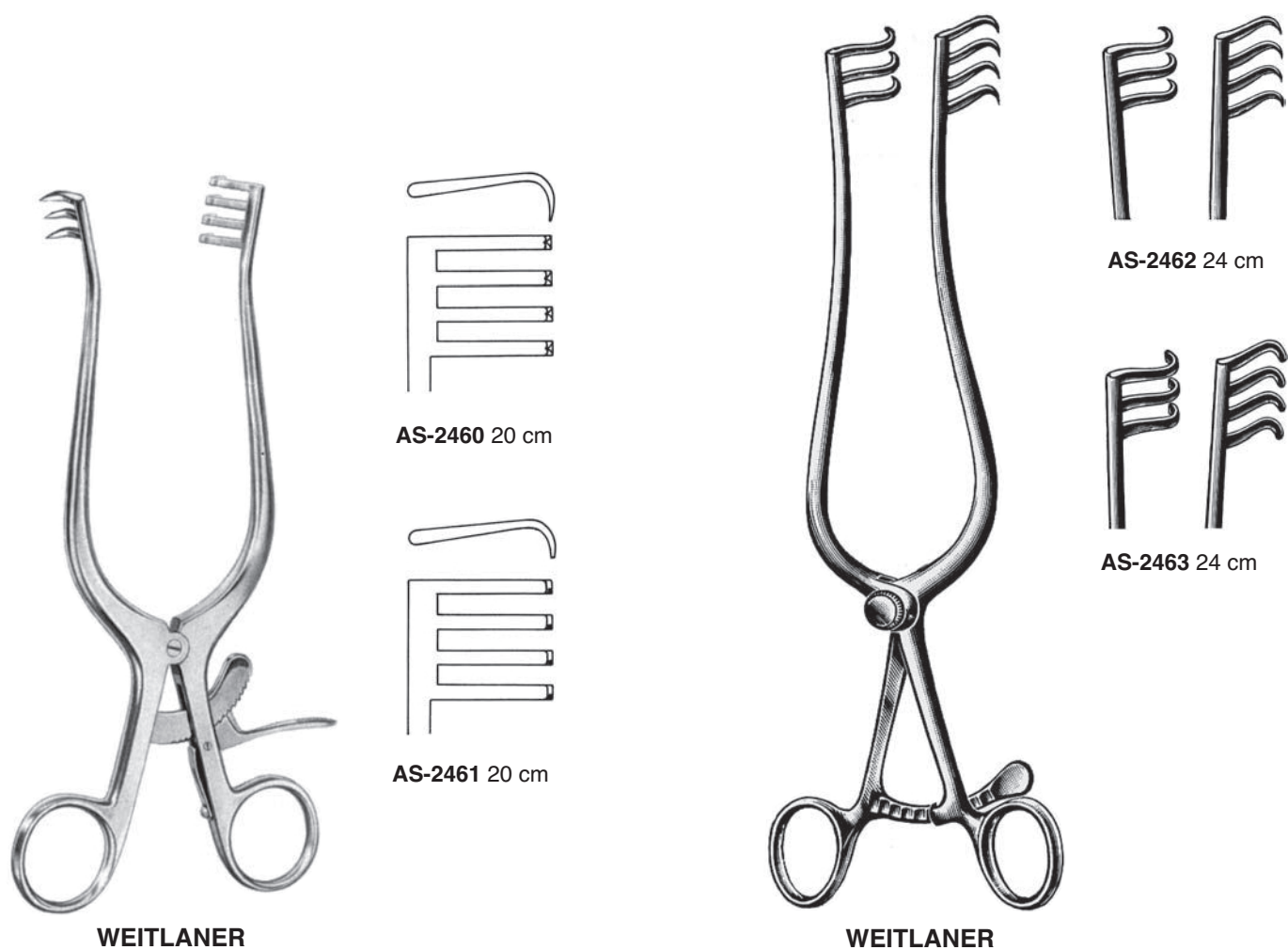
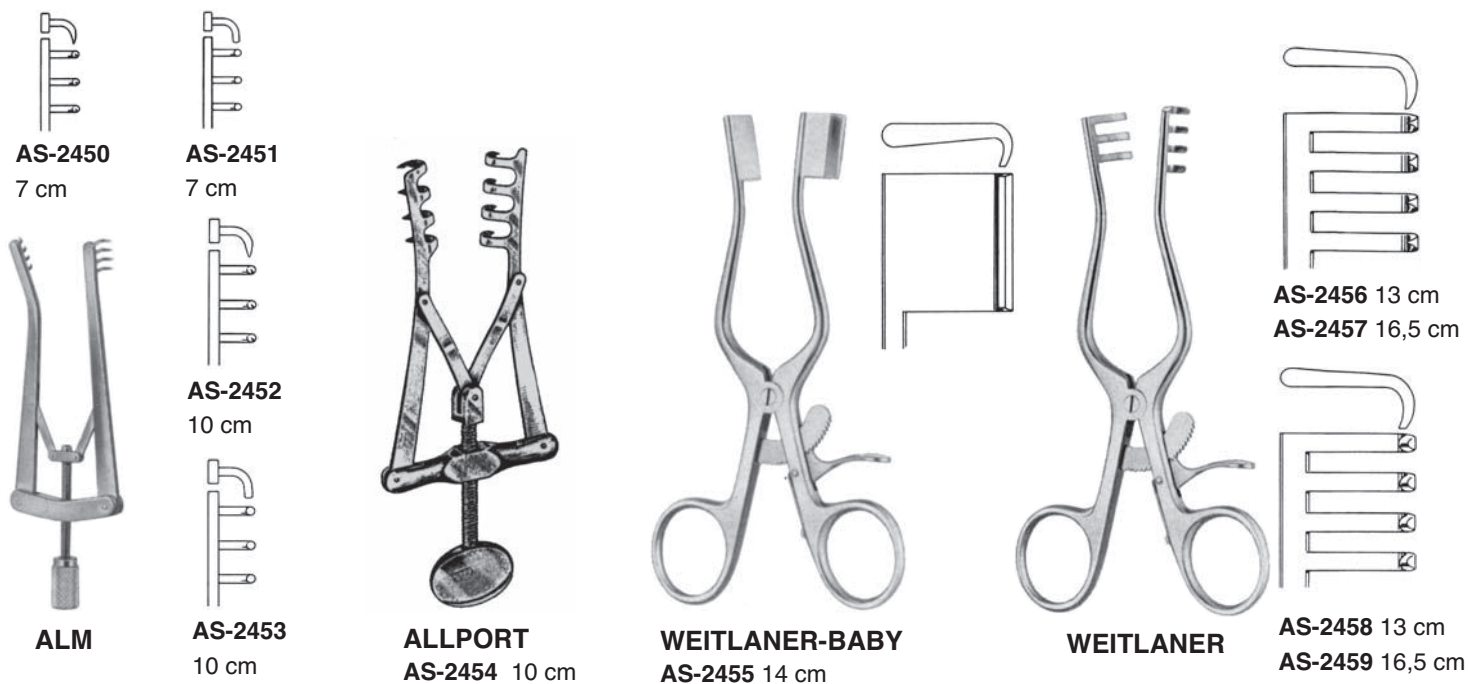
COOLEY
AS-2448
23 cm

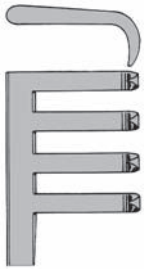


links left
à gauche
a
izquierda

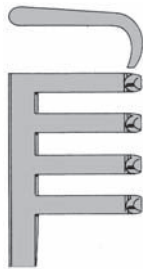
gezahnt
serrated
dentées
dentada
s

COOLEY
AS-2449
23 cm

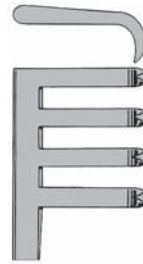




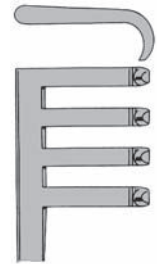
AS-2464
14 cm



AS-2465
14 cm



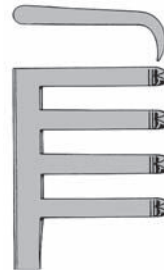
AS-2466
16,5 cm



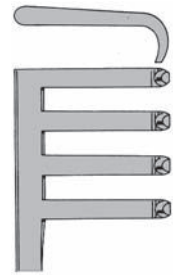
AS-2467
16,5 cm



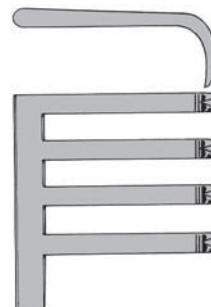
BECKMANN-WEITLANER



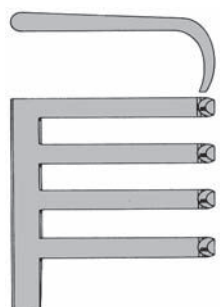
AS-2468
20 cm



AS-2469
20 cm



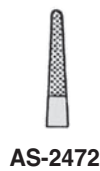
AS-2470
26 cm



AS-2471
26 cm



KILNER
13 cm



AS-2472



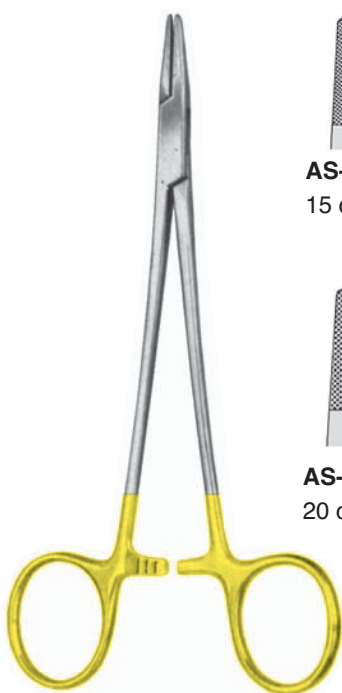
AS-2473
smooth



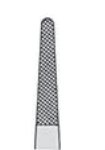
NEIVERT
AS-2474 12 cm



BABY-CRILE-WOOD
AS-2475 15 cm



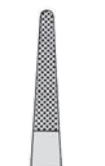
CRILE-WOOD



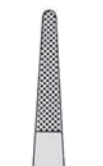
AS-2476
15 cm



AS-2477
18 cm



AS-2478
20 cm



AS-2479
23 cm

AS-2480
15 cm
for left hand



MAYO-HEGAR



AS-2481
16 cm



AS-2482
18 cm



AS-2483
20 cm



AS-2484
24 cm



AS-2485
26 cm



AS-2486
30 cm

AS-2487
37 cm



DEBAKEY



AS-2488
18 cm



AS-2489
20 cm



AS-2490
23 cm



AS-2491
26 cm



AS-2492
31 cm



AS-2493
37 cm



JULIAN



AS-2494
20 cm



MICRO-VASCULAR



AS-2495
15 cm



AS-2496
18 cm



AS-2497
20 cm



AS-2498
23 cm



AS-2499
25 cm



BERRY STERNAL



AS-2500
18 cm



FINOCHIETTO



AS-2501
21 cm

AS-2502
27 cm



BOZEMANN

AS-2503
20 cm



AS-2504
24 cm



AS-2505
26 cm



AS-2506
30 cm



MASSON
AS-2507 27 cm



WANGENSTEEN
AS-2508 28 cm



HEANEY



AS-2509
20 cm



AS-2510
24 cm



AS-2511
26 cm



STRATTE



AS-2512
21 cm



AS-2513
23 cm



SAROT



AS-2514
15 cm



AS-2515
18 cm



AS-2516
27 cm



LANGENBECK



AS-2517
18 cm



AS-2518
20 cm



AS-2519
23 cm



MATHIEU



AS-2520
14 cm



AS-2521
17 cm



AS-2522
20 cm



AS-2523
24 cm



MATHIEU



AS-2524
14 cm



AS-2525
17 cm



AS-2526
20 cm



AS-2527
23 cm



MATHIEU-KOCHER



AS-2528
14 cm



AS-2529
17 cm



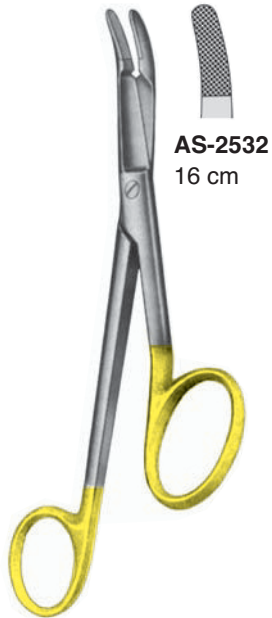
AS-2530
20 cm



LICHTENBERG



AS-2531
20 cm



AS-2532
16 cm

GILLIES



AS-2533
12 cm

OLSEN-HEGAR



AS-2534
12 cm
smooth



OLSEN-HEGAR



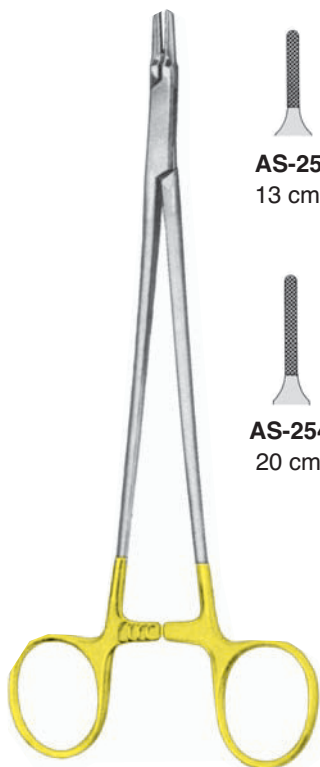
AS-2535
14 cm



AS-2536
16,5 cm



AS-2537
18,5 cm



RYDER



AS-2538
13 cm



AS-2541
20 cm



AS-2539
15 cm



AS-2542
23 cm



AS-2540
18 cm



AS-2543
26 cm



RYDER-MINI



AS-2544
13 cm



AS-2547
20 cm



AS-2545
15 cm



AS-2548
23 cm



AS-2546
18 cm



AS-2549
25 cm



DIETHRICH



AS-2550 18 cm
AS-2551 20 cm
AS-2552 23 cm
AS-2553 26 cm



INTRACARDIAC



AS-2554
14 cm



AS-2555
20 cm



CASTROVIEJO



AS-2556 14cm
AS-2557 18cm
AS-2558 21cm
smooth



AS-2562 14cm
AS-2563 18cm
AS-2564 21cm



AS-2559
AS-2560
AS-2561



AS-2565
AS-2566
AS-2567



CASTROVIEJO
AS-2568 13 cm





ANDREW-PYNCHON
AS-2569 24 cm

AS-2570



YANKAUER
AS-2571 27 cm
complete

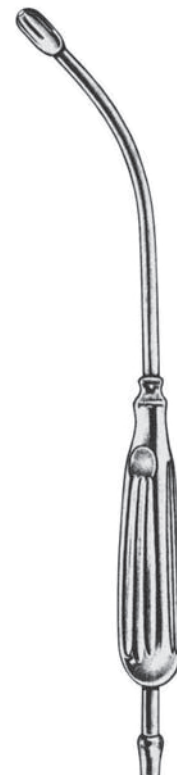
AS-2572



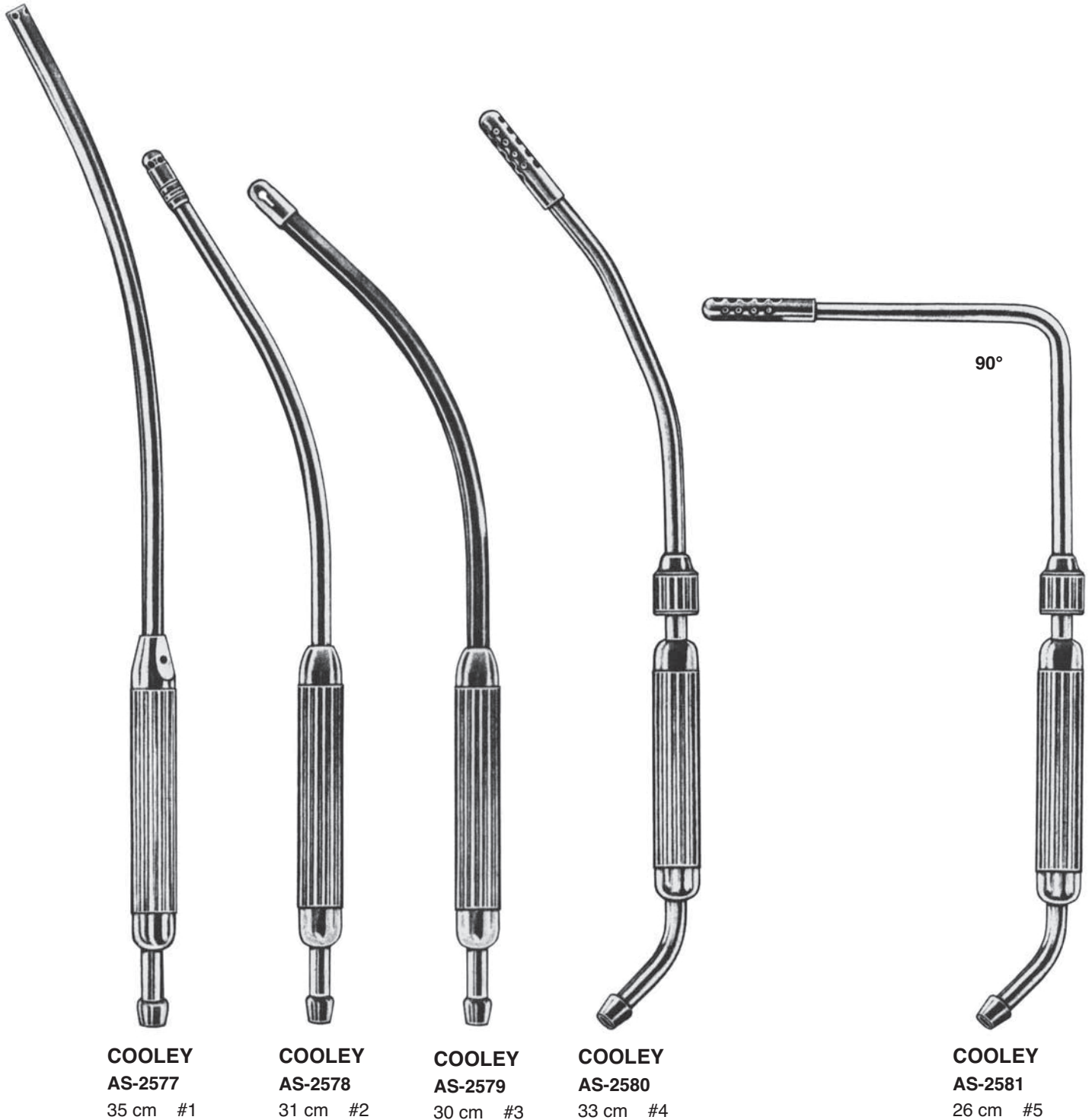
POOLE
AS-2573 30 Fr.



POOLE
AS-2574 20 cm / 23 Fr.
AS-2575 20 cm / 18 Fr.



DEBAKEY
AS-2576 31 cm / 9 mm





FÜHRUNGNADEL

20 cm

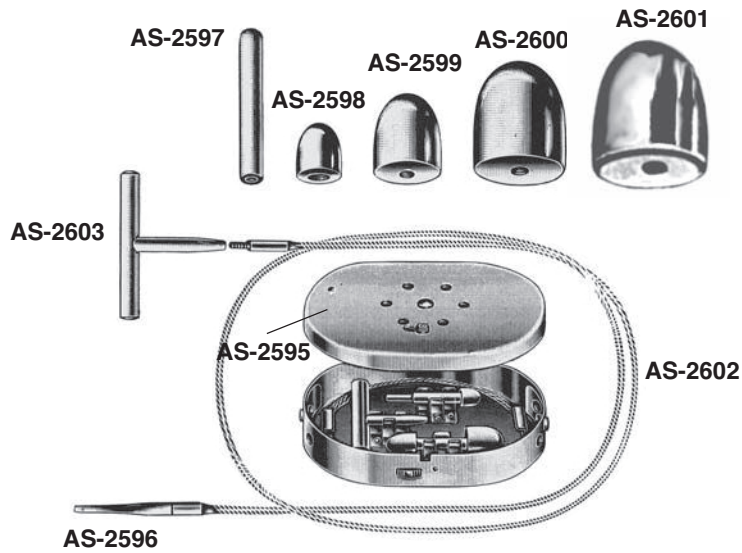
AS-2582 8 Charr
AS-2583 10 Charr
AS-2584 12 Charr
AS-2585 14 Charr
AS-2586 16 Charr
AS-2587 18 Charr



FÜHRUNGNADEL

20 cm

AS-2588 8 Charr
AS-2589 10 Charr
AS-2590 12 Charr
AS-2591 14 Charr
AS-2592 16 Charr
AS-2593 18 Charr



NABATOFF

AS-2594

Varicose vein probe set

AS-2594	Varicose vein probe set in metal case, consisting of:
AS-2595	Metal case only
AS-2596	Plastic probe
AS-2597	Probe Tip 3 mm Ø
AS-2598	Olive 6 mm Ø
AS-2599	Olive 9 mm Ø
AS-2600	Olive 12 mm Ø
AS-2601	Olive 15 mm Ø
AS-2602	Cable 90 cm
AS-2603	Handle only



LANGENBECK



AS-2604
20 cm / 7 mm



AS-2605
20 cm / 10 mm

ALDERDYCE
AS-2606
21 cm



QUERVAIN
AS-2607
20 cm / 6 mm



COBB



AS-2608
28 cm / 10 mm



AS-2609
28 cm / 13 mm

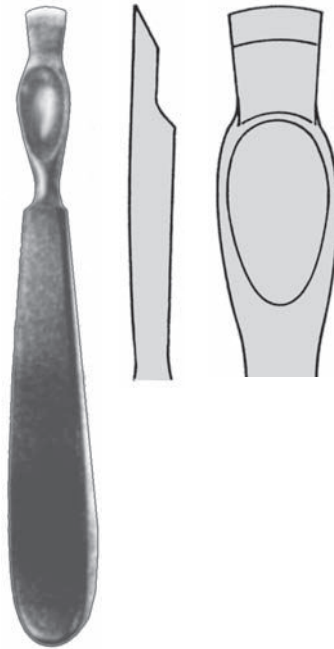


AS-2610
28 cm / 19 mm



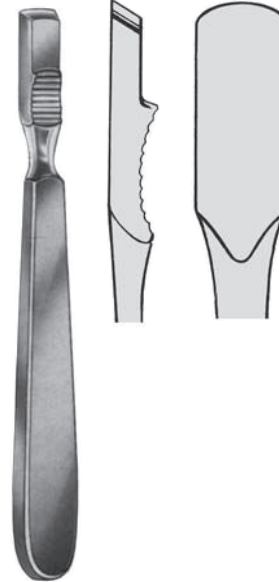
KEY

AS-2611	17 cm / 03 mm
AS-2612	17 cm / 06 mm
AS-2613	17 cm / 09 mm
AS-2614	17 cm / 12 mm
AS-2615	19 cm / 19 mm
AS-2616	19 cm / 25 mm



KIRMISSION

AS-2617 16,05 cm/ 15 mm



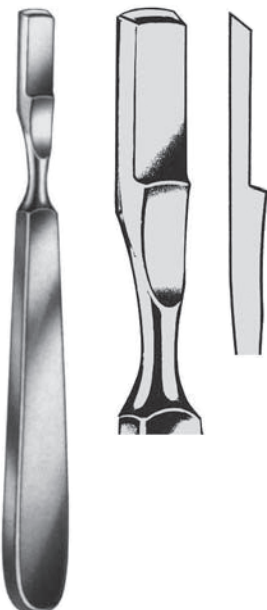
FARABEUF

AS-2618 15 cm/ 13 mm



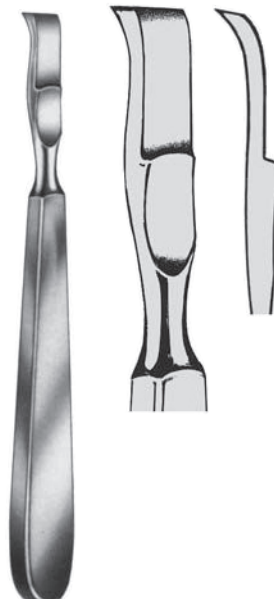
FARABEUF

AS-2619 15 cm/ 13 mm



FARABEUF-COLLIN

AS-26120 15,5 cm/ 11 mm



FARABEUF-COLLIN

AS-2621 15,5 cm/ 11 mm



LANGENBECK

AS-2622 19 cm / 16 mm

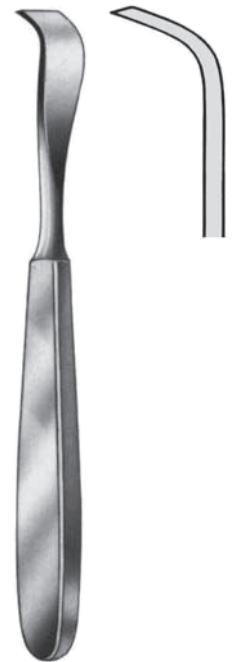


LANGENBECK
AS-2623 19 cm



AS-2624 5 mm
AS-2625 10 mm
AS-2626 15 mm
AS-2627 20 mm
AS-2628 25 mm

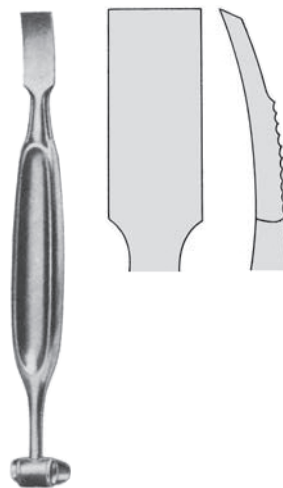
LAMBOTTE
21 cm



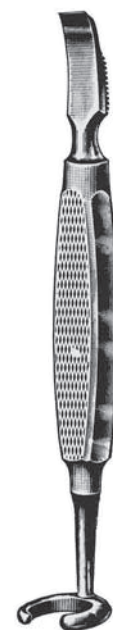
SCHNEIDER
AS-2629 17,5 cm/ 13 mm



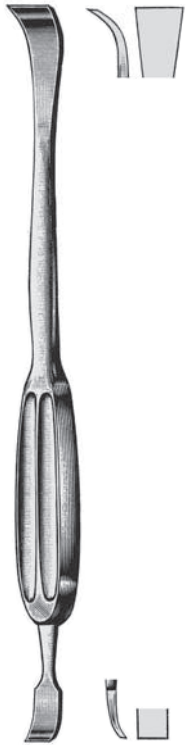
SCHNEIDER-SAUERBRUCH
AS-2630 19 cm / 14 mm



ALEXANDER
AS-2631 21 cm



MATSON-ALEXANDER
AS-2632 22 cm



DAVIDSON-ALEXANDER
AS-2633 29 cm



SEDILLOT
AS-2634 18 cm / 18 mm



SEDILLOT
AS-2635 21 cm / 15 mm

Kinder / Children / Enfants / Ninos



DOYEN
17 cm



AS-2636



AS-2637

Erwachsene / Adult / Adulte / Adultos



AS-2638



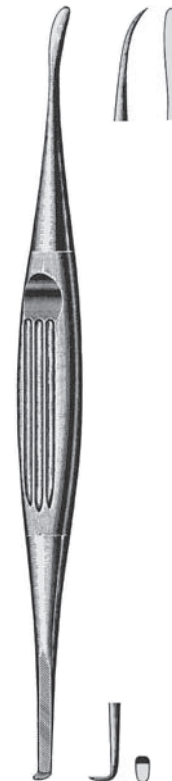
AS-2639



MATSON
AS-2640
22 cm



OVERHOLT
AS-2641
28,5 cm #3



OVERHOLT
AS-2642
29 cm #1



OVERHOLT
AS-2643
28,5 cm #2



SEMB



AS-2644
17,5 cm
#1



AS-2645
21 cm
#2



AS-2646
17,5 cm
#3



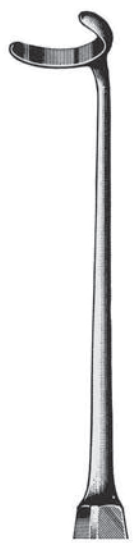
AS-2647
21 cm
#4



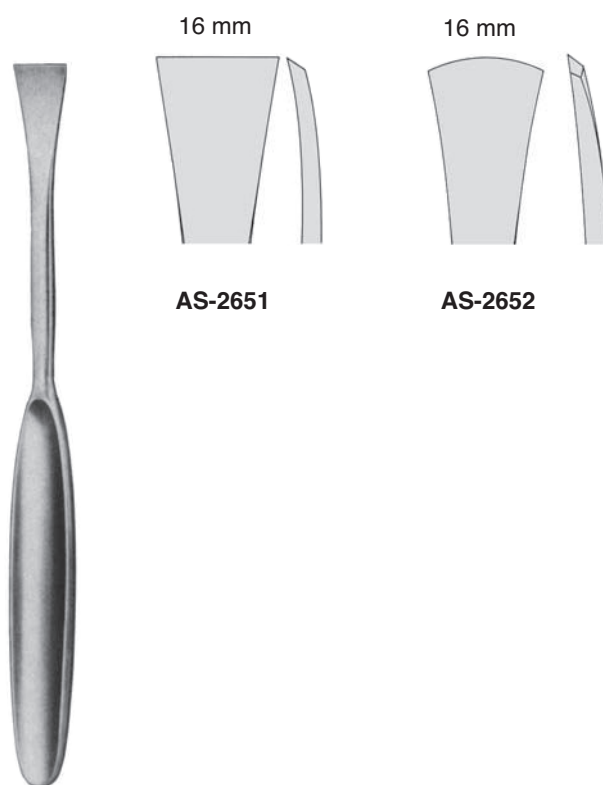
AS-2648
20,5 cm
#5



AS-2649
20,5 cm
#6



AS-2650
22,5 cm
#7



16 mm

AS-2651

16 mm

AS-2652

CUSHING
19 cm



SEMB
AS-2653 19 cm



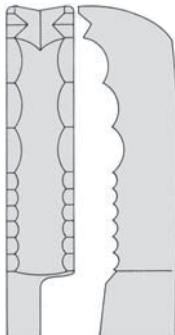
SEMB
AS-2654 19 cm



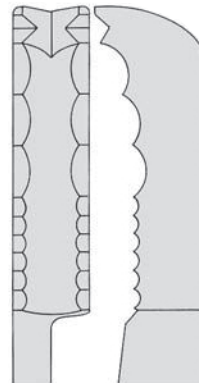
FERGUSSON
AS-2655 21 cm



FARABEUF
AS-2656 23 cm
AS-2657 26 cm



FARABEUF-LAMBOTTE
AS-2658 26 cm

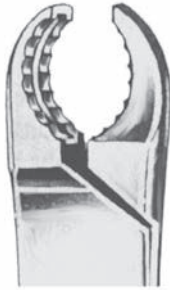


LANGENBECK
AS-2659 20 cm





ULRICH



AS-2660 23 cm



AS-2661 25 cm



AS-2662 28 cm



ULRICH



AS-2663 25 cm



AS-2664 28 cm



BEYER
AS-2665 18 cm



ZAUFGAL-JANSEN
AS-2666 18 cm



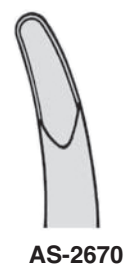
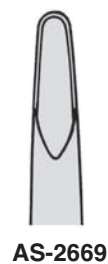
MAYFIELD
AS-2667 18,5 cm



MARQUARDT
AS-2668 20 cm



RUSKIN
18 cm



RUSKIN
AS-2671 24 cm



STILLE-RUSKIN
AS-2672 24 cm



SMITH-PETERSEN
24 cm



AS-2673



AS-2674



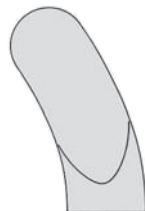
AS-2675



STILLE-LUER
22 cm



AS-2676

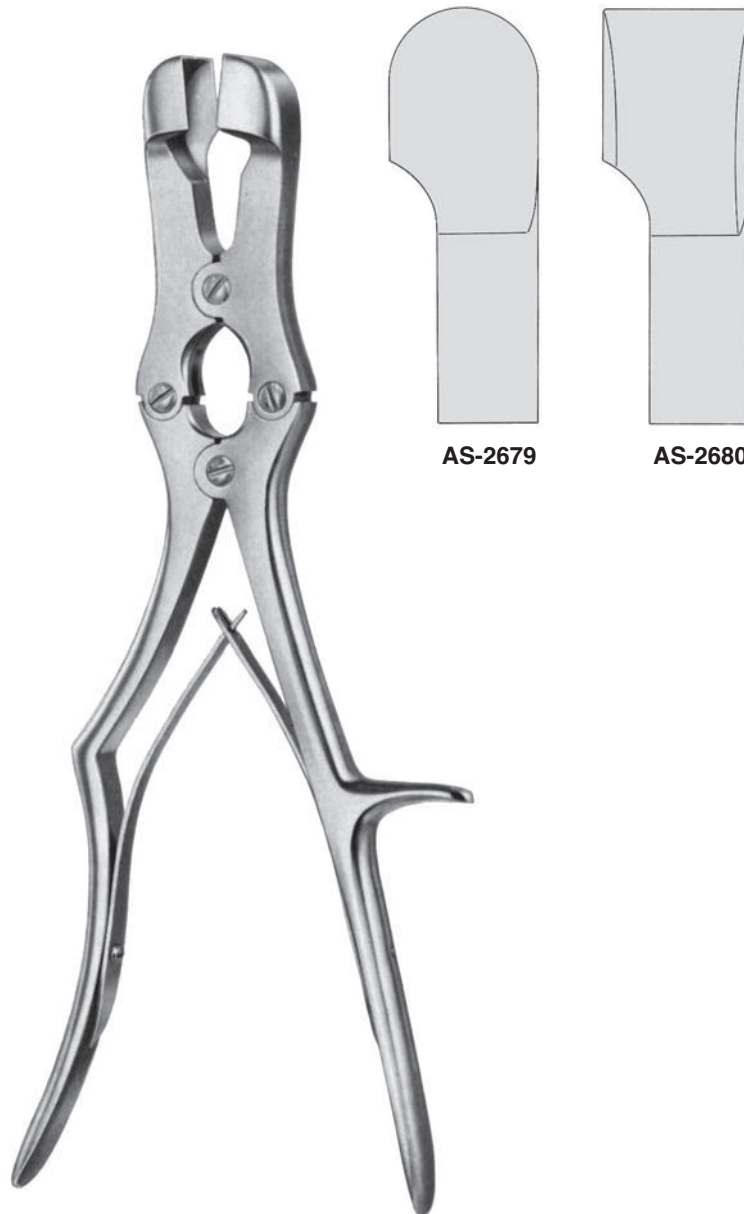


AS-2677



STILLE
AS-2678 23 cm / 6mm





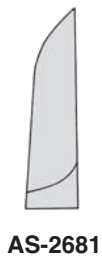
AS-2679

AS-2680

SAUERBRUCH
30 cm



RUSKIN-LISTON
19 cm



AS-2681



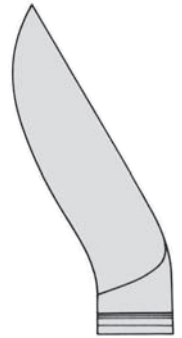
AS-2682



STILLE-LISTON
27 cm
Rib Shears



AS-2683



AS-2684



STILLE-HORSLEY
AS-2685 27 cm
Rib Shears



STILLE-HORSLEY
AS-2686 27 cm 90°



AS-2687
23 cm



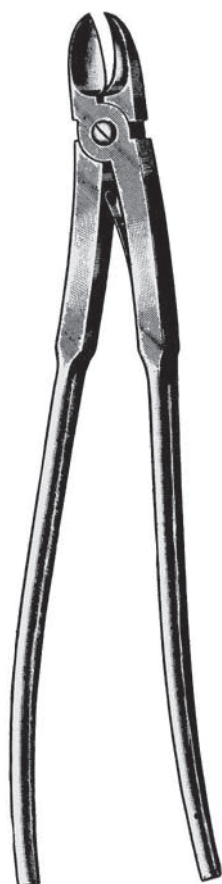
AS-2688
22 cm



GLUCK
AS-2689
22 cm



STILLE
AS-2690
21 cm



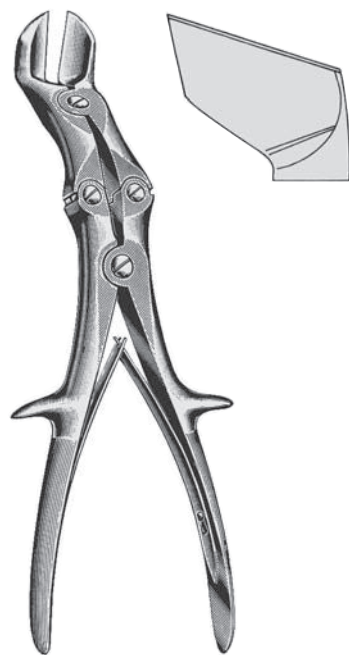
BETHUNE
AS-2691
34 cm



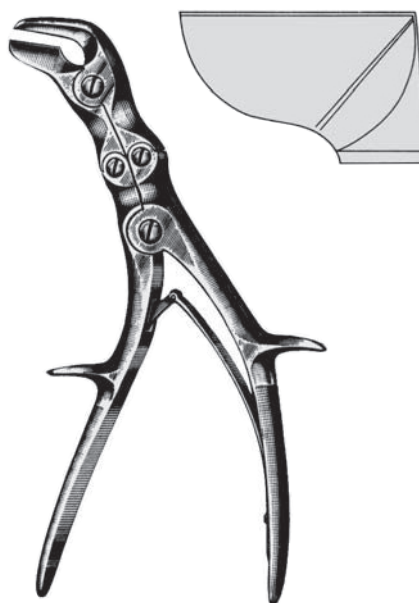
CORYLLOS-BETHUNE
AS-2693 35 cm
right



STILLE-GIERTZ
AS-2694
25 cm



STILLE-HORSLEY
(Liston-Key)
AS-2695
25 cm



SEMB
AS-2696
24 cm



SAUERBRUCH
AS-2697
26 cm



SAUERBRUCH-FREY
AS-2698
36 cm



LEBSCHÉ
AS-2699
25 cm



Sternum Chisel

LEBSCHÉ
AS-2700
25 cm

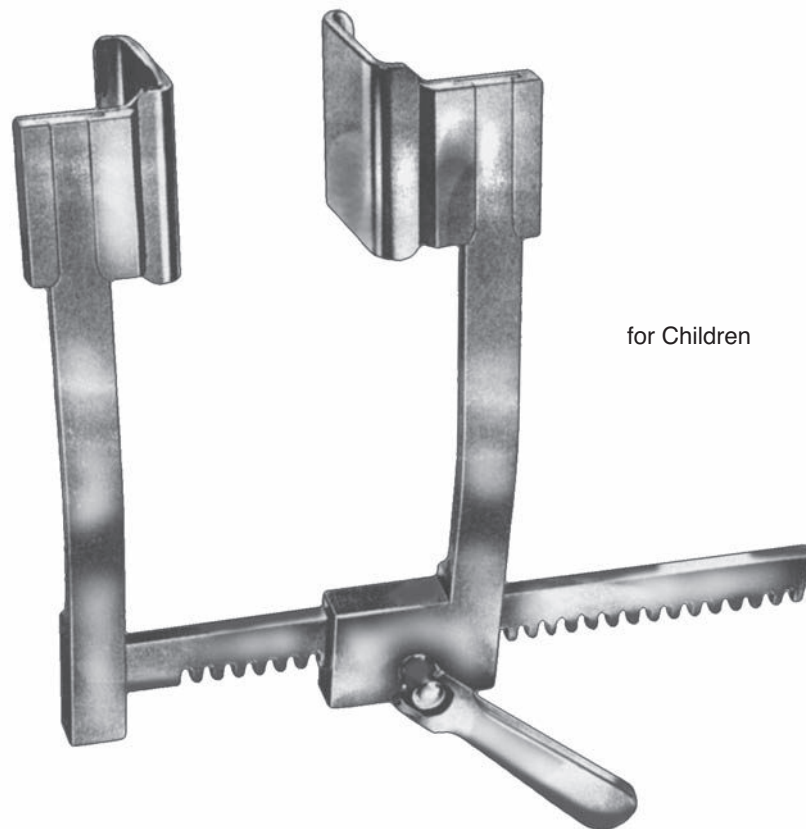


BRUNNER
AS-2701 32 cm
AS-2702 32 cm
left-handed



SCHUMACHER
AS-2703
21 cm

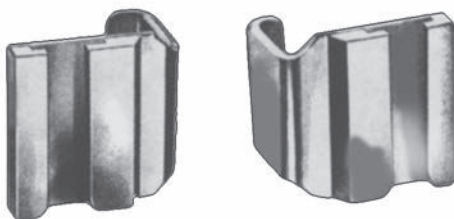
Sternum shears



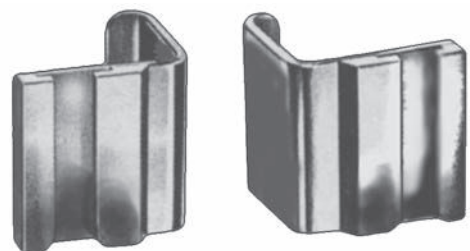
for Children

DEBAKEY
AS-2704
with 3 pairs of blades
(AS-2706, AS-2707, AS-2708)

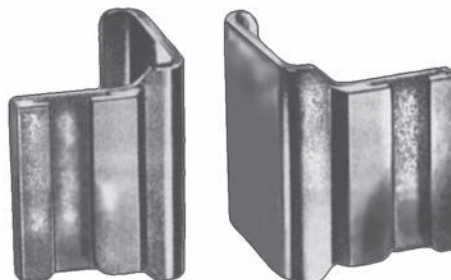
DEBAKEY
AS-2705
220x180x150mm
Spreader only



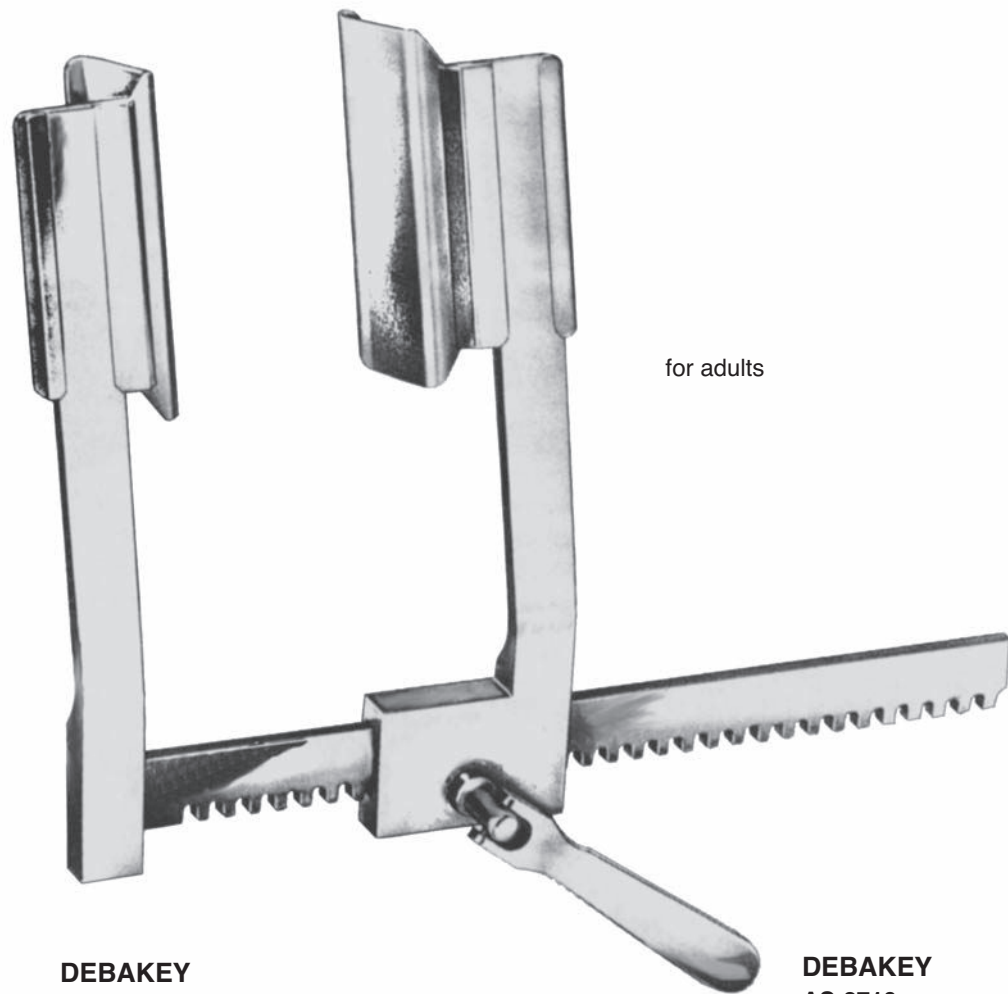
DEBAKEY
AS-2706
30 x 30 mm



DEBAKEY
AS-2707
40 x 40 mm



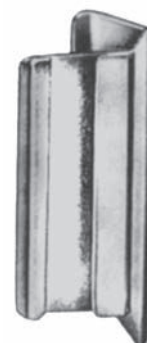
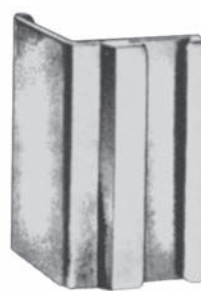
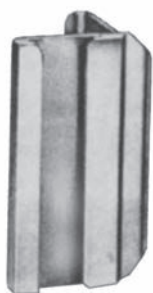
DEBAKEY
AS-2708
50 x 50 mm



for adults

DEBAKEY
AS-2709
with 3 pairs of blades
(AS-2711, AS-2712, AS-2713)

DEBAKEY
AS-2710
285x225x200mm
Spreader only



DEBAKEY
AS-2711
60 x 60 mm

DEBAKEY
AS-2712
50 x 80 mm

DEBAKEY
AS-2713
40 x 100 mm



ALUMINIUM



new-born size

COOLEY

	a	b	c
AS-2714	12 mm	17 mm	75 mm

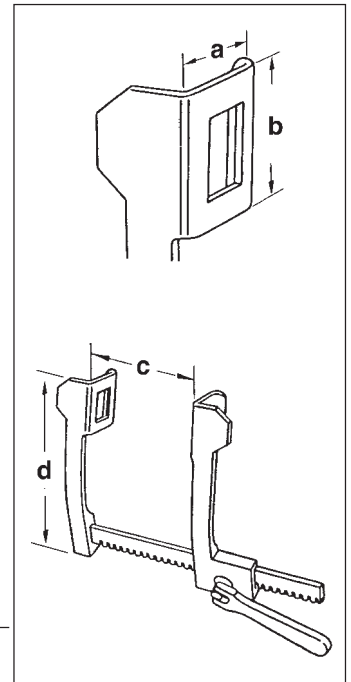
infant size

ALUMINIUM



COOLEY

	a	b	c
AS-2715	16 mm	30 mm	105 mm
AS-2716	21 mm	44 mm	150 mm



for adults

ALUMINIUM

COOLEY

	a	b	c
AS-2717	37 mm	49 mm	200 mm



ALUMINIUM

COOLEY "XL"

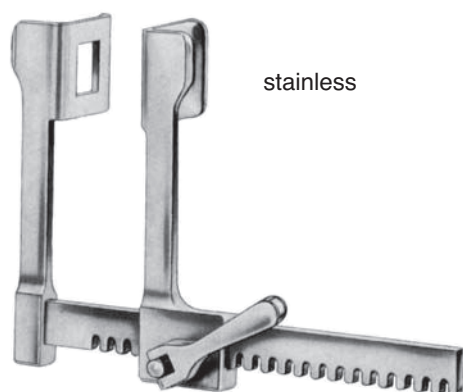
	a	b	c	d
AS-2718	35 mm	100 mm	230 mm	165 mm



MORSE-COOLEY
AS-2719
infant size

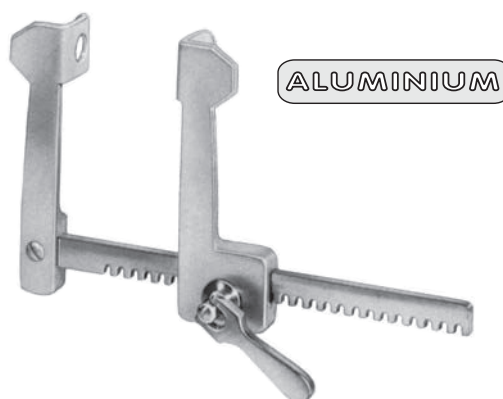


MORSE-COOLEY
AS-2720
infant size



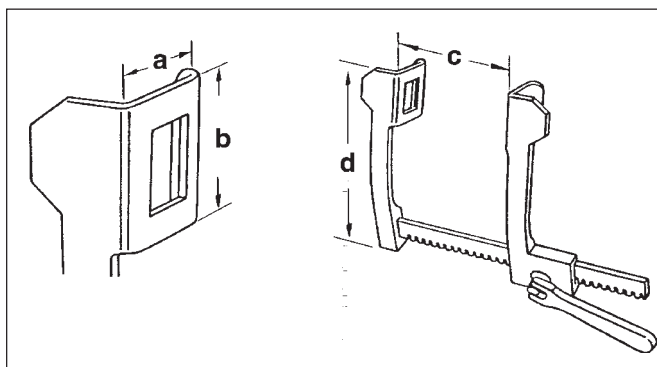
FINOCCHIETTO

	a	b	c
AS-2721	18 mm	20 mm	75 mm



FINOCCHIETTO-BABY-HAIGHT

	a	b	c
AS-2722	15 mm	15 mm	75 mm

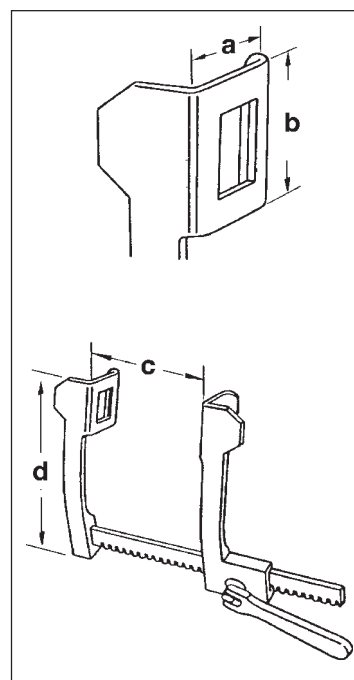




ALUMINIUM

FINOCCHIETTO-MODIF.

	a	b	c	d
AS-2723	14 mm	14 mm	120 mm	110 mm



stainless

FINOCCHIETTO-BABY-HAIGHT

	a	b	c
AS-2724	30 mm	30 mm	100 mm



ALUMINIUM

FINOCCHIETTO-BABY-HAIGHT

	a	b	c
AS-2725	31 mm	31 mm	100 mm



ALUMINIUM



child size

MORSE-FAVALORO
AS-2726

ALUMINIUM



for adults

MORSE-STERNAL
AS-2727

ALUMINIUM



for adults

MORSE-STERNAL
AS-2728



ALUMINIUM



new-born size

CASTANEDA

	a	b	c
AS-2729	10.5 mm	32 mm	65 mm

ALUMINIUM



infant size

CASTANEDA

	a	b	c
AS-2730	12 mm	45 mm	70 mm

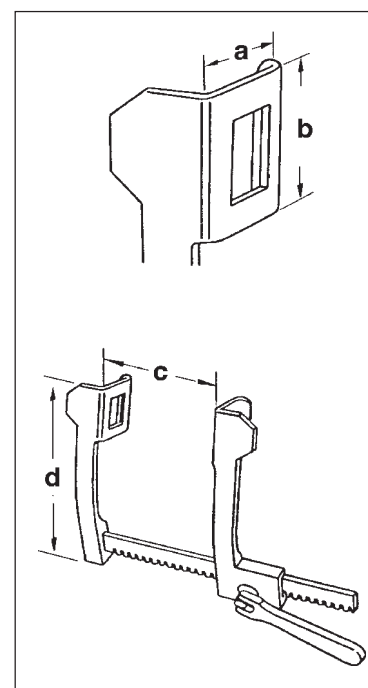
ALUMINIUM



child size

CASTANEDA

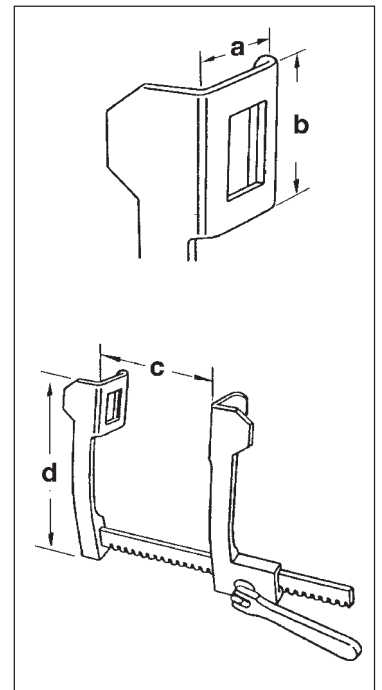
	a	b	c
AS-2731	15 mm	60 mm	120 mm





TUFFIER

	a	b	c
AS-2732	50 mm	45 mm	165 mm



FINOCHIETTO

AS-2733	38 x 44 mm	AS-2736
AS-2734	56 x 62 mm	AS-2737
AS-2735	65 x 85 mm	AS-2738
stainless		aluminium

ALUMINIUM



with 2 pairs of blades

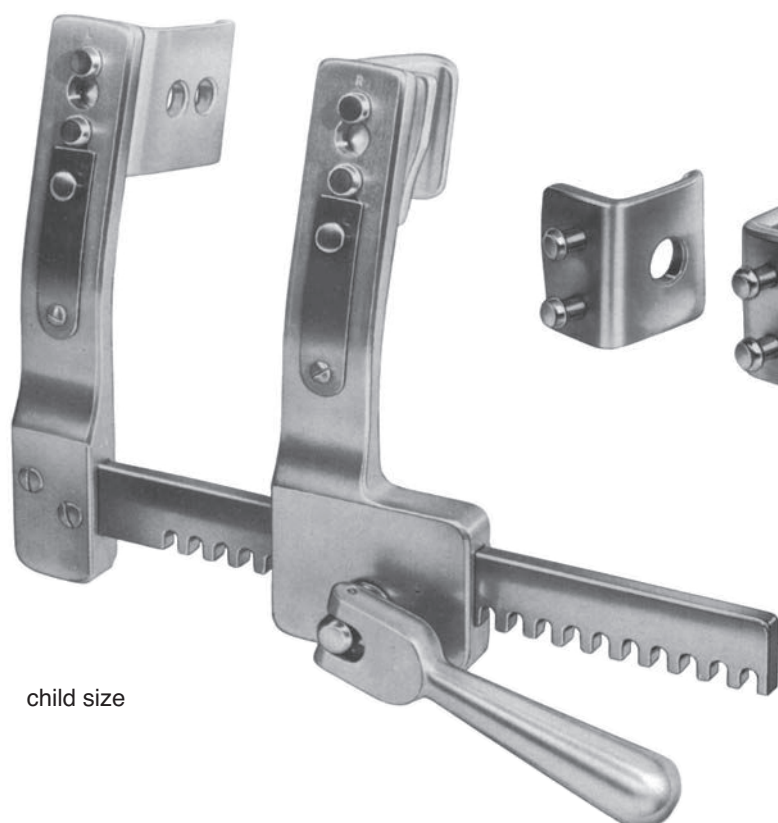
BURFORD-FINOCCHIETTO

	a	b	c
AS-2739	47 mm	62 mm	200 mm
	65 mm	62 mm	
AS-2740	47 mm	62 mm	260 mm
	65 mm	62 mm	
AS-2741	47 mm	62 mm	300 mm
	65 mm	62 mm	

Valven / blades / valves / valvas:

AS-2742	47 mm	62 mm
AS-2743	65 mm	62 mm

ALUMINIUM



child size



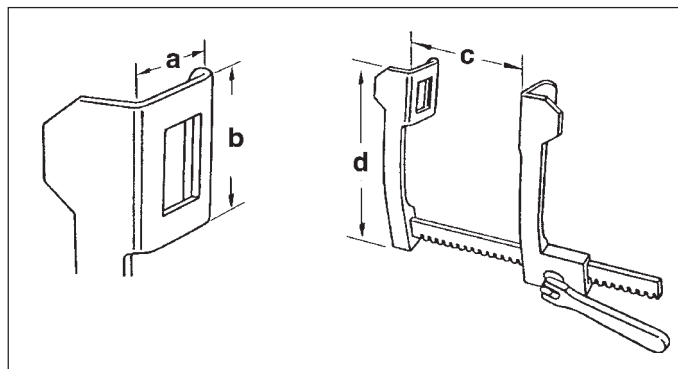
with 2 pairs of blades

BURFORD

	a	b	c
AS-2744	34 mm	42 mm	135 mm
	48 mm	42 mm	135 mm



stainless



DE BOER

	a	b	c
AS-2745	27 mm	100 mm	190 mm

ALUMINIUM



with 2 pairs of blades

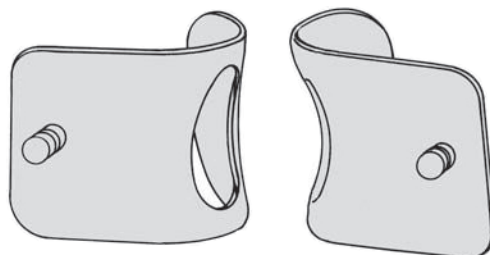
DEBAKEY

	a	b	c
AS-2746	12 mm 15 mm	15 mm 15 mm	70 mm
AS-2747	21 mm 30 mm	30 mm 30 mm	120 mm
AS-2748	52 mm 60 mm	60 mm 60 mm	200 mm

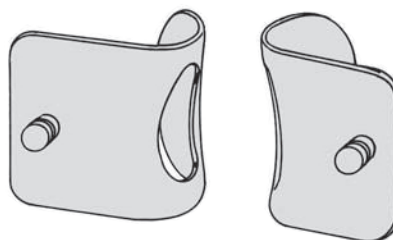


MERCEDES
AS-2749
240 mm

75 x 75 mm

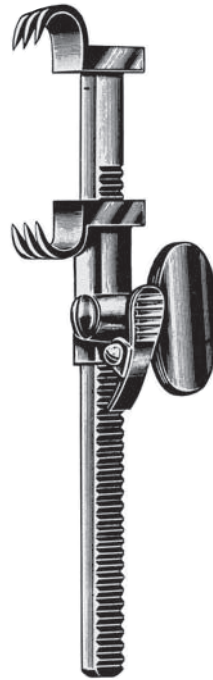


42 x 65 mm





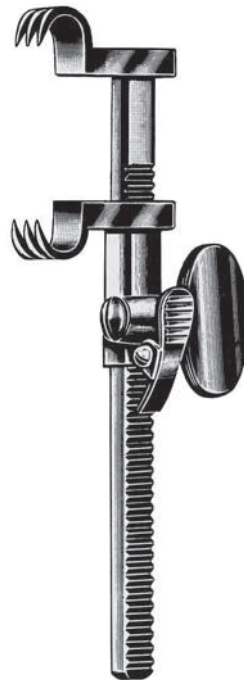
SELLORS
AS-2750
19 cm



BAILEY
AS-2751
16 cm



BAILEY-BABY
AS-2752
14 cm



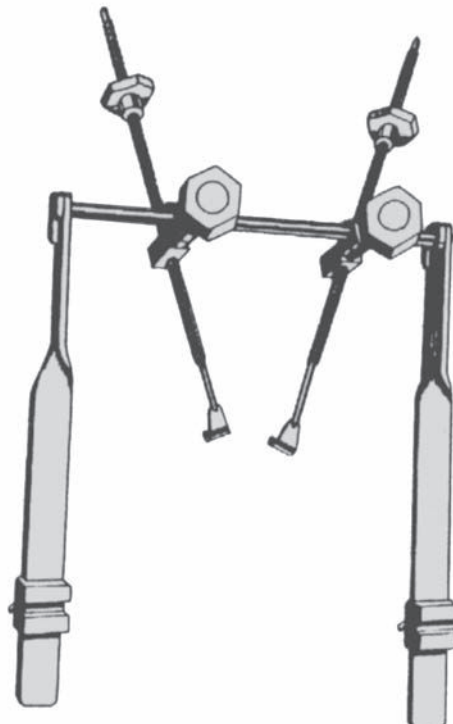
BAILEY-GIBBON
AS-2753
16 cm



LEMMON
AS-2754
18 cm



FAVALORO
AS-2755



FAVALORO-OCHSNER
AS-2756



HARRINGTON
AS-2757
30,5 cm



HARRINGTON
AS-2758
29,5 cm



FINOCCHIETTO
AS-2759



AS-2760
22 cm

PRICE-THOMAS



BRONCHUS
23 cm



AS-2761
60 mm



AS-2762
80 mm



LOVELACE
AS-2763



LOVELACE
AS-2764



SEMB



AS-2765
24 cm #1

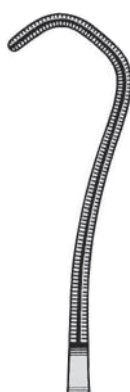


AS-2766
24 cm #2

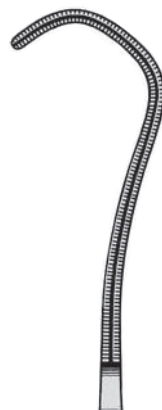
Anastomosis Clamps



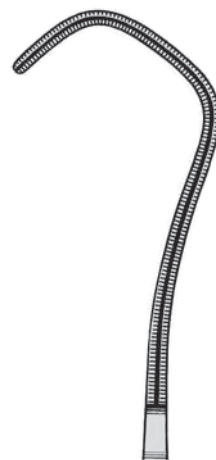
COOLEY-DERRA
17 cm



AS-2767
#1



AS-2768
#2

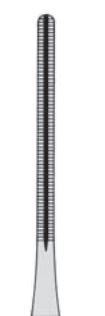


AS-2769
#3

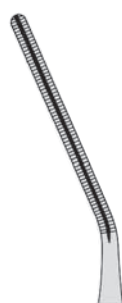
Neonatal and Pediatric Clamps



COOLEY
14 cm



AS-2770



AS-2771
30°



COOLEY
AS-2772
14 cm

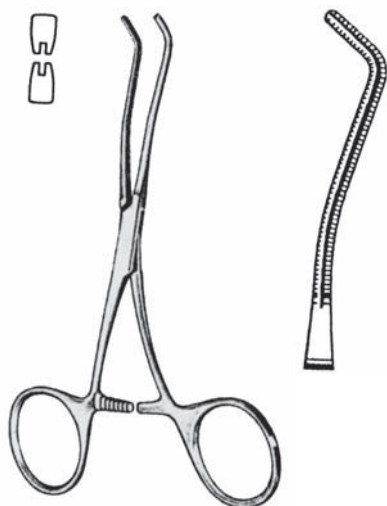


COOLEY
AS-2773
14 cm

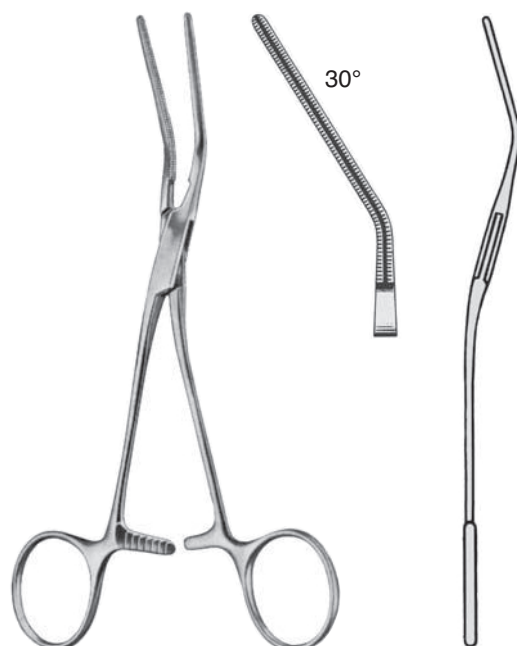


COOLEY-SATINSKY
AS-2774
14 cm

Multi-Purpose Forceps



**COOLEY
AS-2775**
13,5 cm



**COOLEY
AS-2776**
17 cm / 30°



**COOLEY
AS-2777**
15,5 cm / 60°

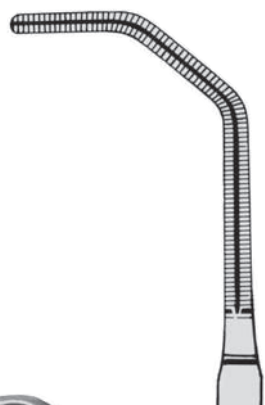


**COOLEY
AS-2778**
15,5 cm / 90°

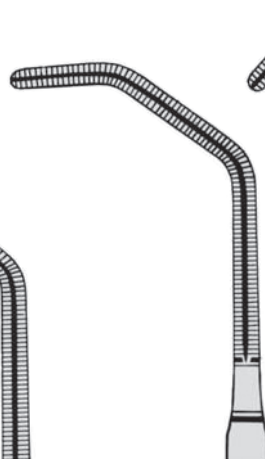
Anastomosis Forceps



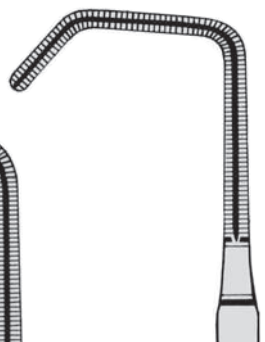
COOLEY



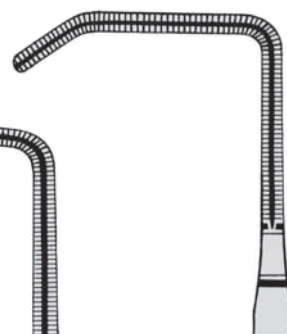
AS-2779
17,5 cm



AS-2780
17,5 cm



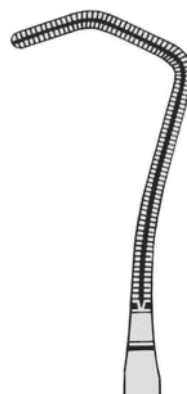
AS-2781
17 cm



AS-2782
17 cm



COOLEY
AS-2783
17 cm



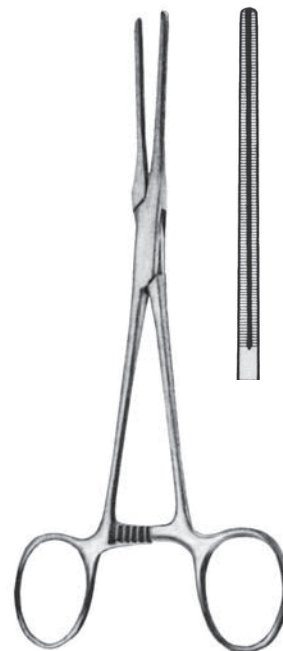
Patent-Ductus- and Coarctation Forceps



COOLEY
AS-2784
15,5 cm



COOLEY
AS-2785
15,5 cm



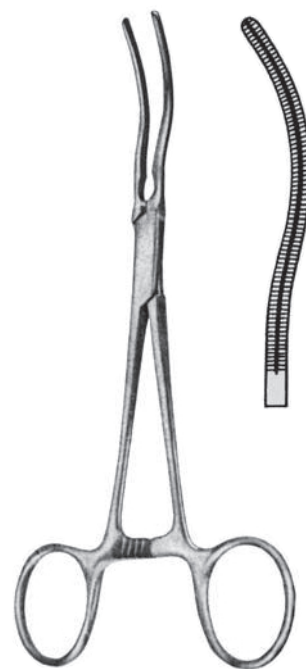
COOLEY
AS-2786
17 cm



COOLEY
AS-2787
17 cm

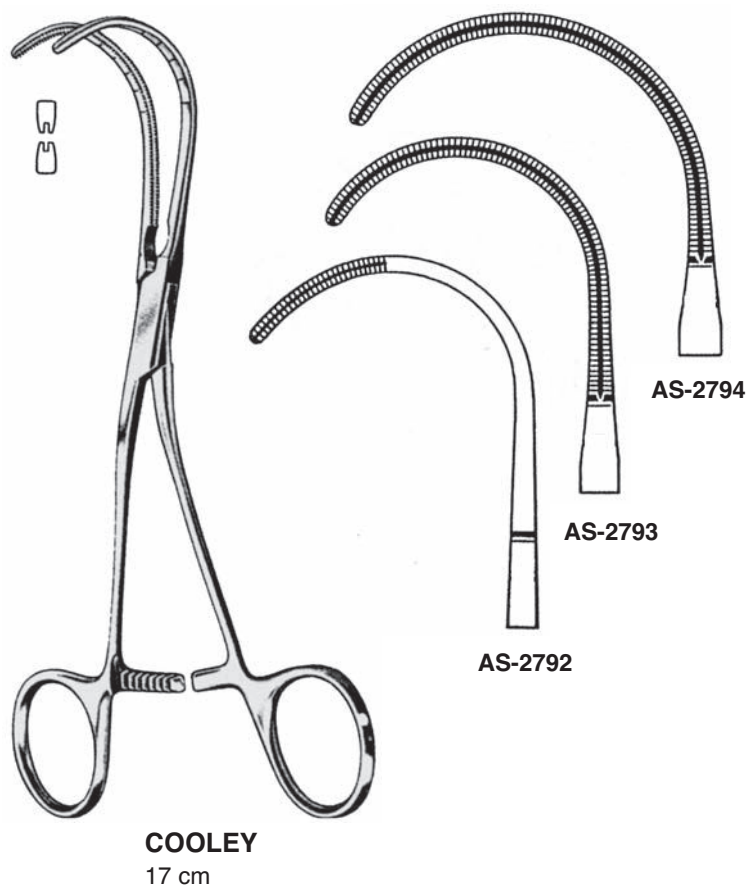
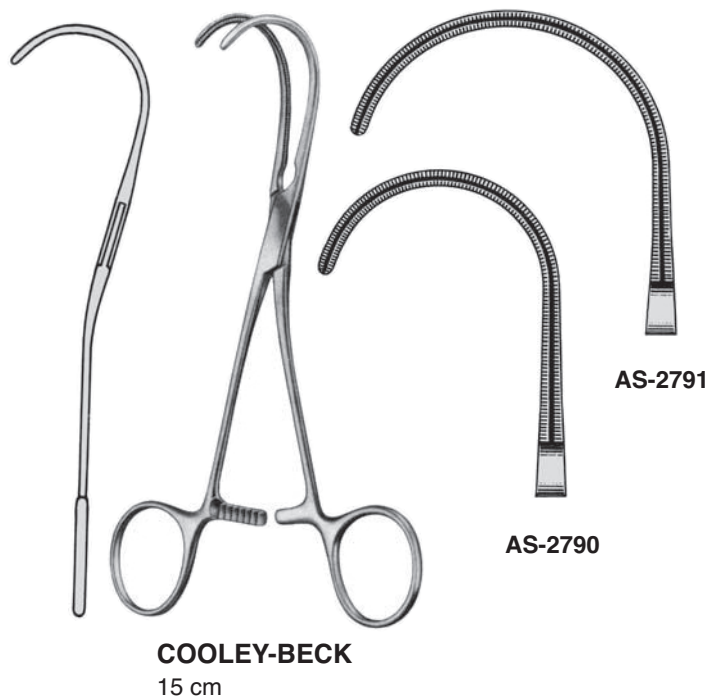


COOLEY
AS-2788
17 cm

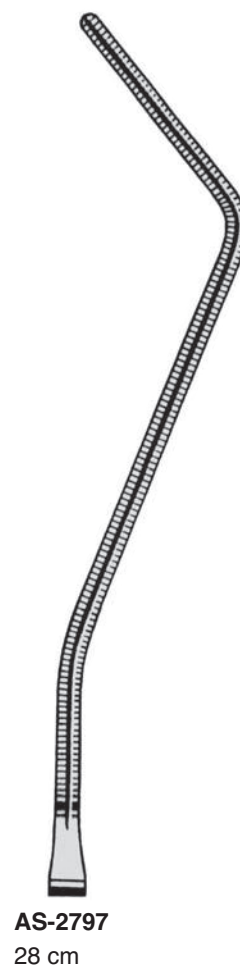
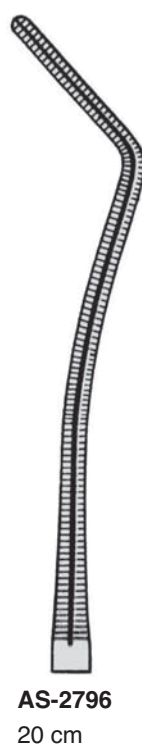
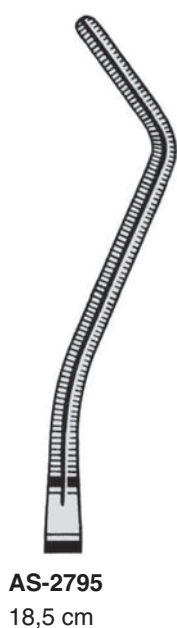
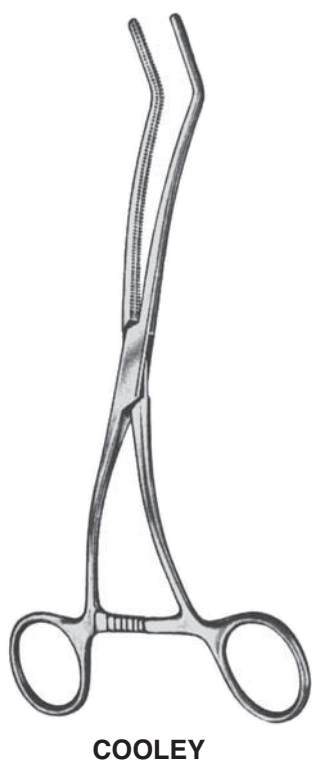


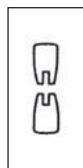
COOLEY
AS-2789
17,5 cm

Anastomosis Forceps



Renal Artery Clamps

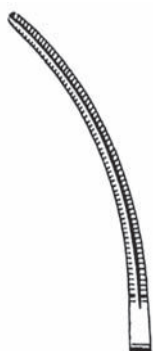




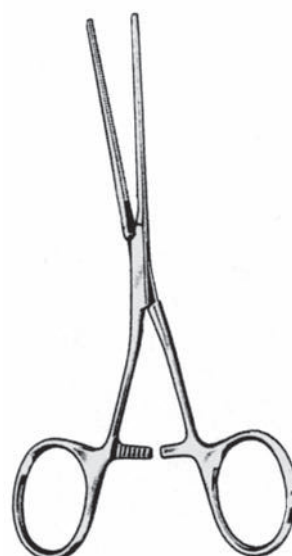
COOLEY



AS-2798
12,5 cm



AS-2799
12,5 cm



COOLEY
AS-2800
13,5 cm/15°



Ring Handle Bulldog Clamps



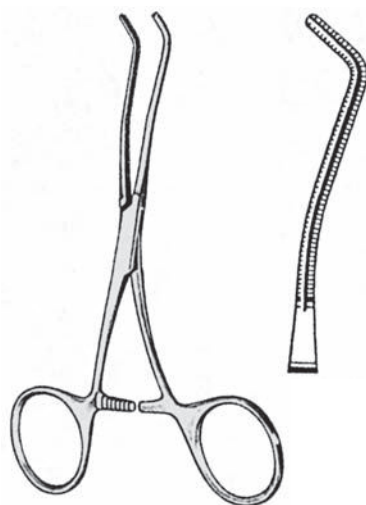
COOLEY



AS-2801
13 cm



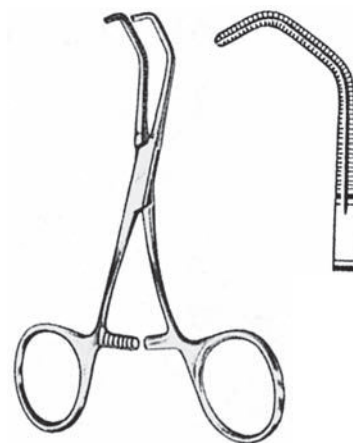
AS-2802
12,5 cm/45°



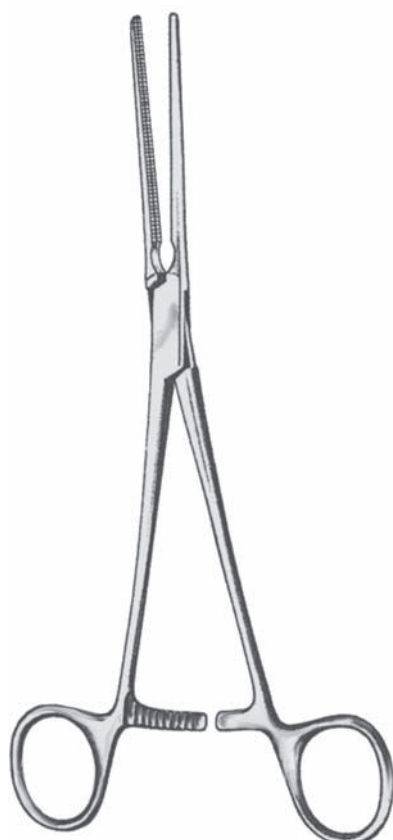
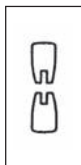
COOLEY
AS-2803
13,5 cm



COOLEY
AS-2804
10,5 cm/90°



COOLEY
AS-2805
12 cm



COOLEY



AS-2806
21 cm

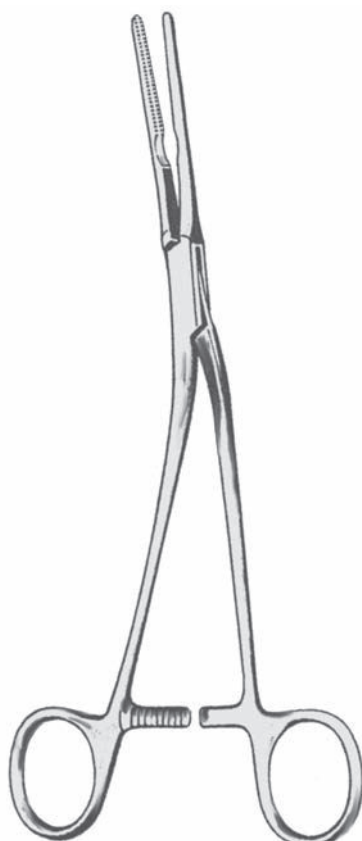


AS-2807
22 cm



AS-2808
26 cm

Patent Ductus Clamps



COOLEY



AS-2809
20,5 cm



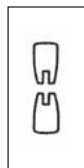
AS-2810
22 cm



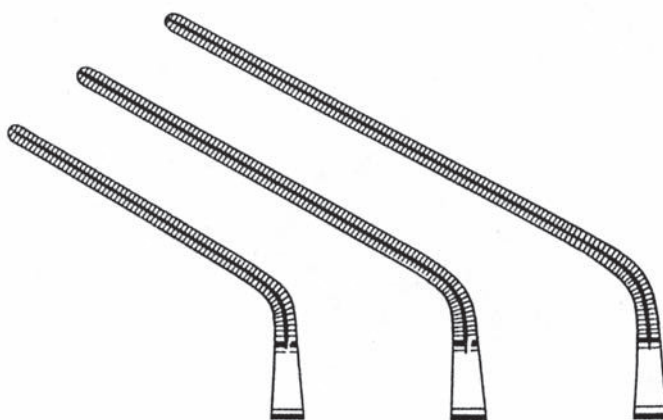
AS-2811
25,5 cm



Multi-Purpose Clamps



COOLEY



AS-2812
16 cm

AS-2813
17 cm

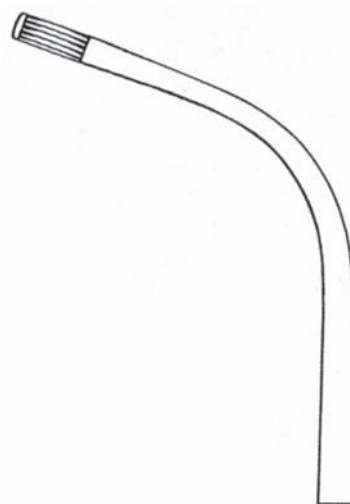
AS-2814
18 cm



JAVID



AS-2815
17 cm



AS-2816
19 cm

Carotid Clamps

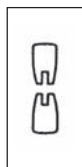


Vena Cava Occlusion Clamps

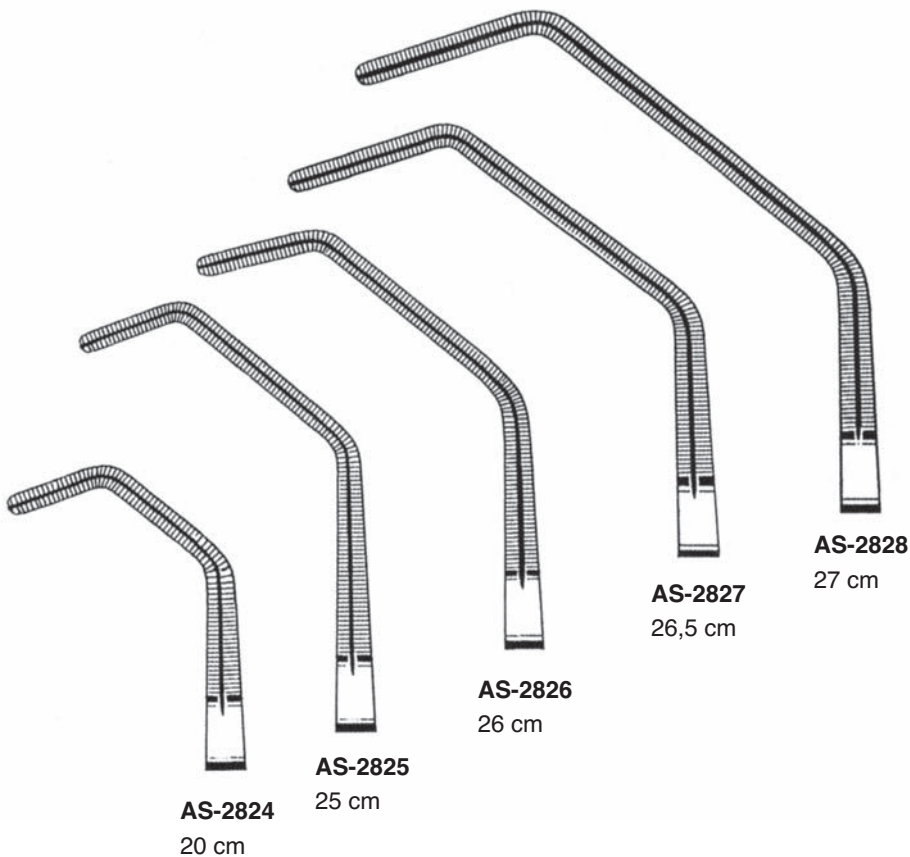


COOLEY

AS-2817	16 cm	24 Fr.
AS-2818	16 cm	26 Fr.
AS-2819	20 cm	28 Fr.
AS-2820	20 cm	30 Fr.
AS-2821	20 cm	32 Fr.
AS-2822	20 cm	34 Fr.
AS-2823	20 cm	36 Fr.



COOLEY



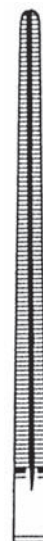
Tangential Occlusion Clamps



Iliac Forceps



COOLEY



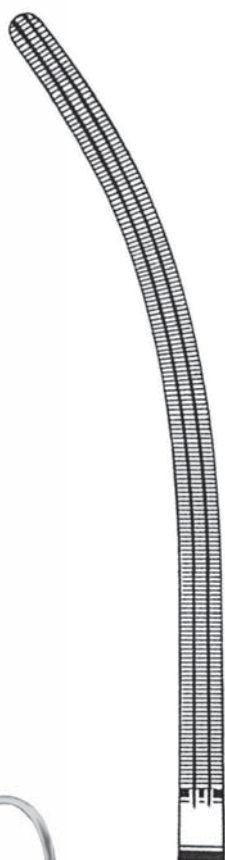
AS-2829
22 cm



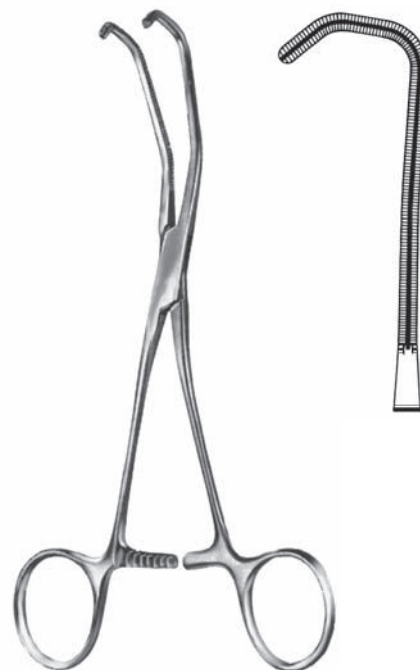
AS-2830
26 cm



COOLEY
AS-2831
30 cm



Multi-purpose Clamps



COOLEY
AS-2832
17 cm



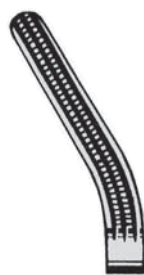
Multi-purpose Clamps



AS-2833
15 cm



AS-2834
15 cm 15°



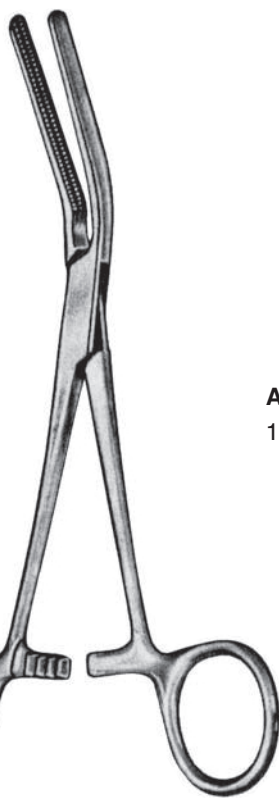
AS-2835
15 cm 30°



AS-2836
14 cm 45°



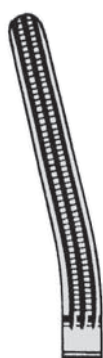
AS-2837
13 cm 90°



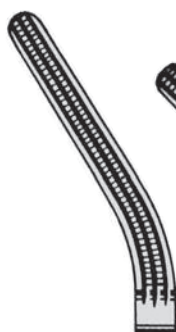
DARDICK



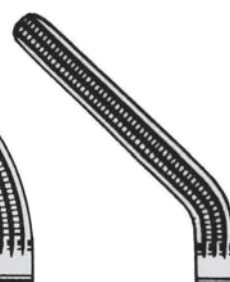
AS-2838
17 cm



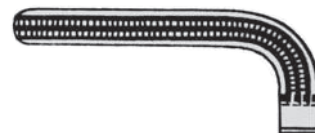
AS-2839
17 cm 15°



AS-2840
17 cm 30°



AS-2841
16 cm 45°



AS-2842
14 cm 90°

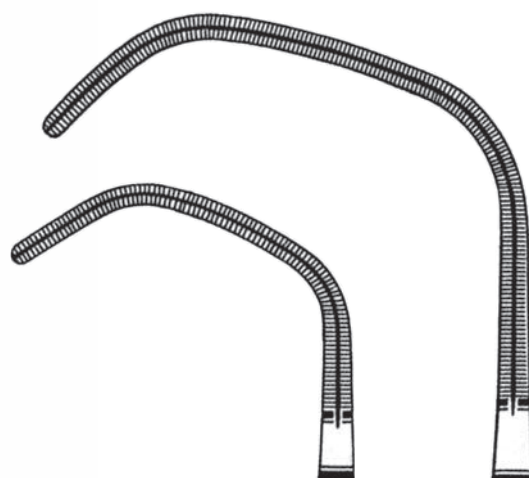


COOLEY
AS-2843
28 cm

Multi-purpose Clamps

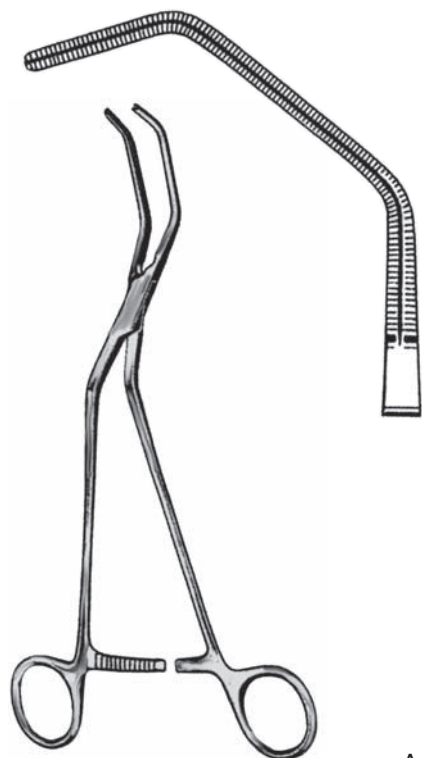


COOLEY



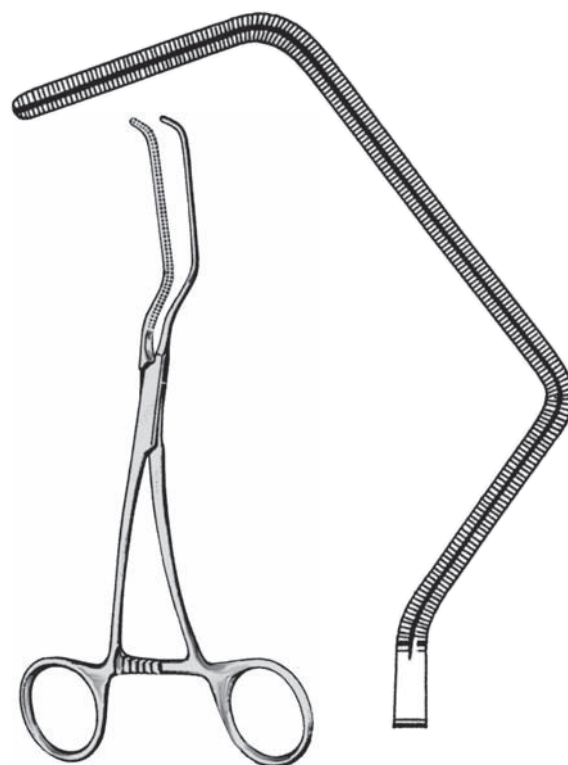
AS-2844
22 cm

AS-2845
27 cm

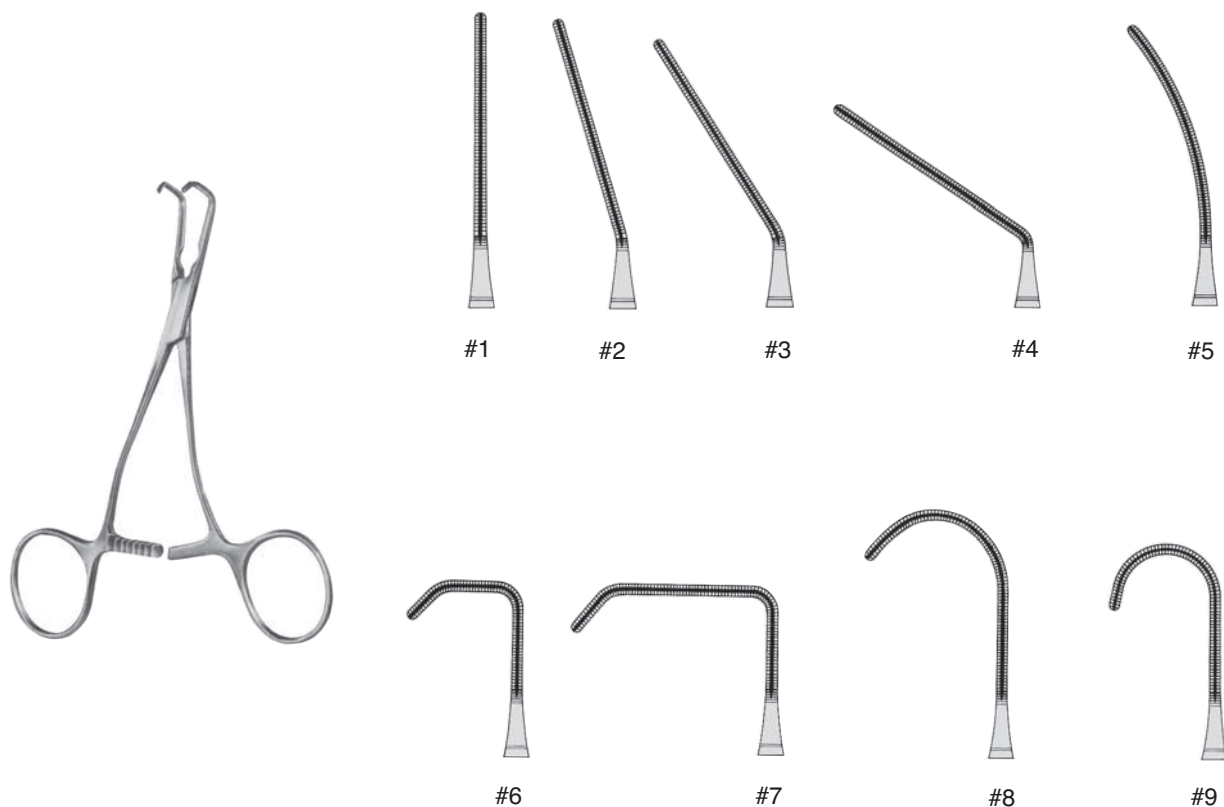


COOLEY
AS-2846
26 cm

Anastomosis Clamps



COOLEY-PARRY
AS-2847
26 cm



straight

AS-2848 14,5 cm #1
AS-2849 14,5 cm #2
AS-2850 14,5 cm #3
AS-2851 13,5 cm #4
AS-2852 14 cm #5
AS-2853 13,5 cm #6
AS-2854 13,5 cm #7
AS-2855 14 cm #8
AS-2856 13,5 cm #9

angled

AS-2857 14,5 cm #1
AS-2858 14,5 cm #2
AS-2859 14,5 cm #3
AS-2860 13,5 cm #4
AS-2861 14 cm #5
AS-2862 13,5 cm #6
AS-2863 13,5 cm #7
AS-2864 14 cm #8
AS-2865 13,5 cm #9

curved

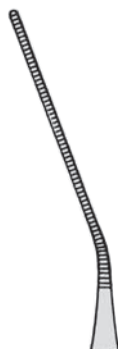
AS-2866 14 cm #1
AS-2867 14 cm #2
AS-2868 14 cm #3
AS-2869 13 cm #4
AS-2870 14 cm #5
AS-2871 13 cm #6
AS-2872 13 cm #7
AS-2873 14 cm #8
AS-2874 13 cm #9



CASTANEDA



AS-2875
13 cm



AS-2876
13 cm 30°



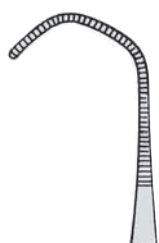
AS-2877
12 cm 45°



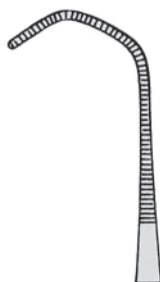
AS-2878
11 cm 75°



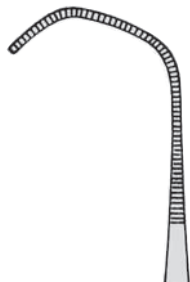
AS-2879
11 cm 90°



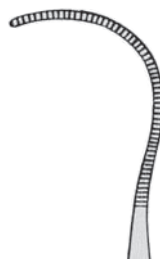
AS-2880
15 cm



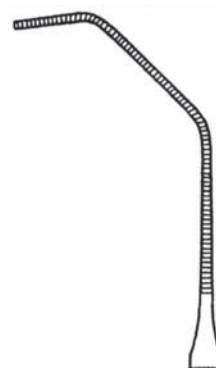
AS-2881
12 cm



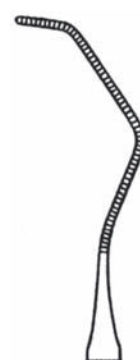
AS-2882
15 cm



AS-2883
12 cm



AS-2884
15 cm



AS-2885
15 cm



COOLEY-BABY



AS-2886
14,5 cm
Fig.1



AS-2887
14,5 cm
Fig.2



AS-2888
14,5 cm
Fig.3



AS-2889
14,5 cm
Fig.4



AS-2890
14,5 cm
Fig.5



AS-2891
14,5 cm
Fig.6



AS-2892
14,5 cm
Fig.7



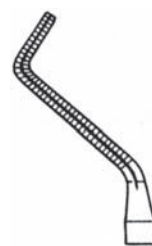
AS-2893
14,5 cm
Fig.8



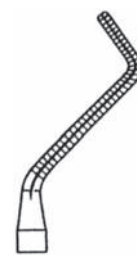
AS-2894
14,5 cm
Fig. 9



AS-2895
14,5 cm
Fig.10



AS-2896
14,5 cm
Fig.11



AS-2897
14,5 cm
Fig.12



NEONATAL
AS-2898
16,5 cm



NEONATAL
AS-2899
16 cm



NEONATAL
AS-2900
15 cm



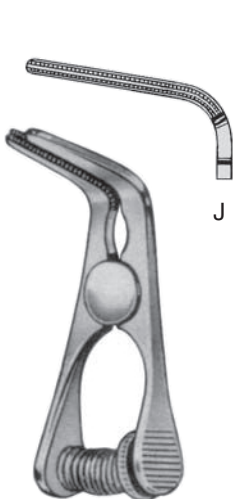
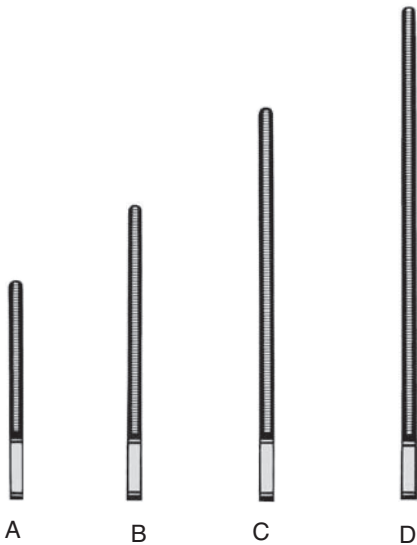
NEONATAL
AS-2901
15 cm



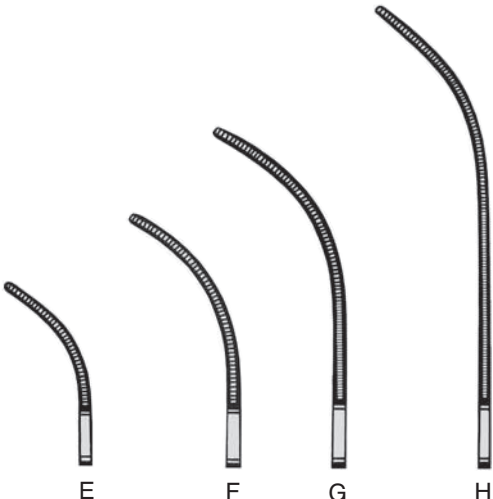
NEONATAL
AS-2902
15,5 cm



GLOVER



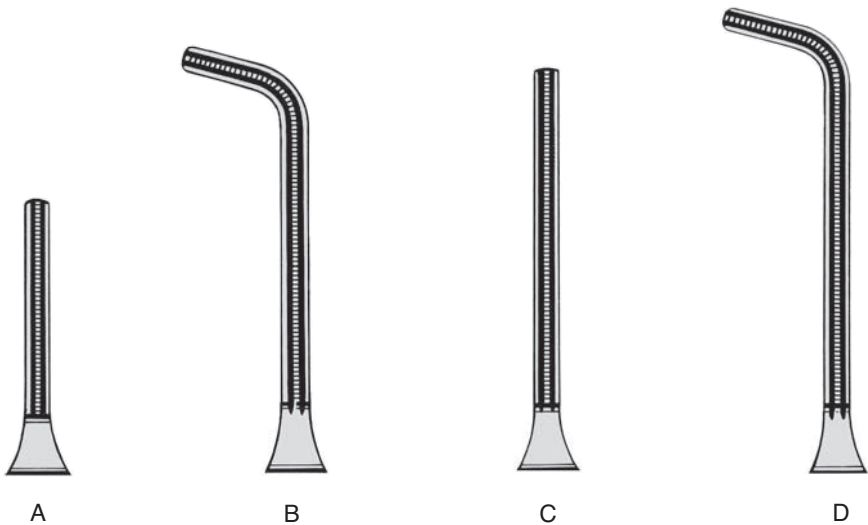
GLOVER



Item	Fig.	Overall length	Jaw length	Weight
AS-2903	A	60 mm	20 mm	5 g
AS-2904	E	55 mm	20 mm	5 g
AS-2905	B	70 mm	30 mm	9 g
AS-2906	F	65 mm	30 mm	9 g
AS-2907	C	90 mm	43 mm	12 g
AS-2908	G	85 mm	43 mm	12 g
AS-2909	D	105 mm	56 mm	14 g
AS-2910	H	100 mm	56 mm	14 g
AS-2911	J	55 mm	25 mm	7 g



GREGORY



Item	Fig.	Overall length	Jaw length	Weight
AS-2912	A	90 mm	27 mm	11 g
AS-2913	B	100 mm	44 mm	12 g
AS-2914	C	110 mm	55 mm	12 g
AS-2915	D	110 mm	60 mm	12 g



GREGORY

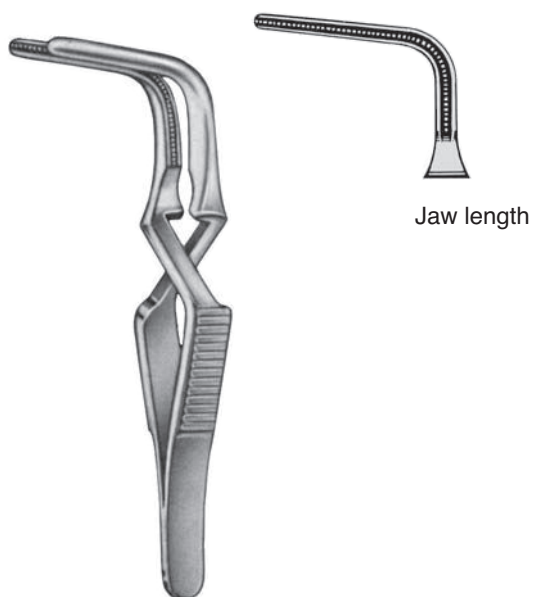
curved to left



curved to right



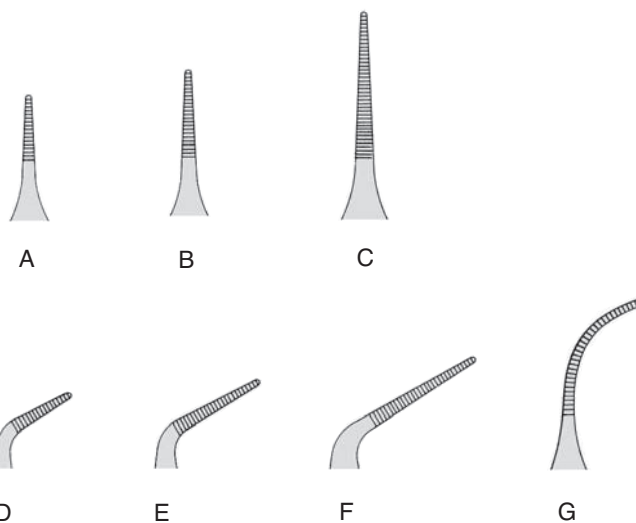
Item	Fig.	Overall length	Jaw length	Weight
AS-2916	A	110 mm	60 mm	12 g
AS-2917	B	110 mm	60 mm	12 g



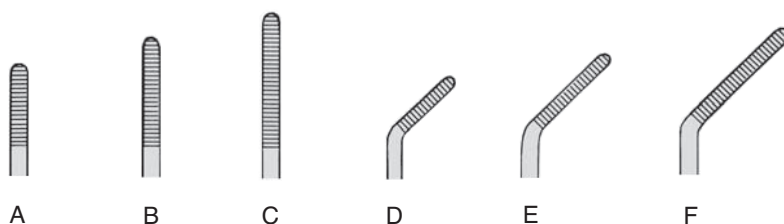
SANTULLI
AS-2918
70 mm



DIETRICH



Item	Fig.	Overall length	Jaw length	Weight	Closing
AS-2919	A	50 mm	8 mm	3 g	80
AS-2920	D	43 mm	8 mm	3 g	80
AS-2921	B	53 mm	12 mm	3 g	80
AS-2922	E	45 mm	12 mm	3 g	80
AS-2923	C	60 mm	20 mm	3 g	80
AS-2924	F	50 mm	20 mm	3 g	80
AS-2925	G	54 mm	20 mm	3 g	80

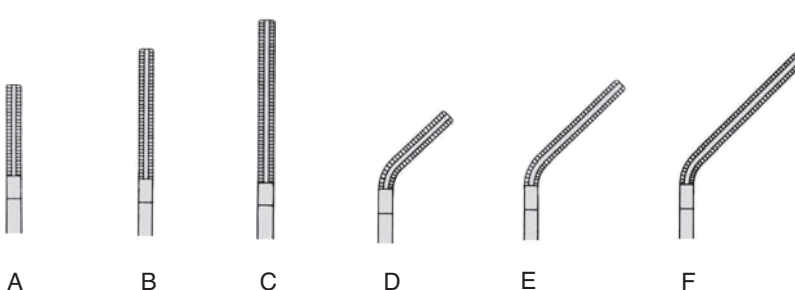


•FEATHERLIGHT

Item	Fig.	Overall length	Jaw length	Weight	Closing
AS-2926	A	31 mm	10 mm	1 g	30
AS-2927	B	35 mm	14 mm	1 g	30
AS-2928	C	39 mm	18 mm	1 g	30
AS-2929	D	30 mm	10 mm	1 g	30
AS-2930	E	33 mm	14 mm	1 g	30
AS-2931	F	36 mm	18 mm	1 g	30



WICKHAM



Item	Fig.	Overall length	Jaw length	Weight	Closing
AS-2932	A	49 mm	13 mm	3 g	150
AS-2933	D	47 mm	13 mm	3 g	150
AS-2934	B	54 mm	18 mm	3 g	150
AS-2935	E	51 mm	18 mm	3 g	150
AS-2936	C	61 mm	25 mm	3 g	150
AS-2937	F	55 mm	25 mm	3 g	150



WICKHAM
AS-2938 24 cm
Applying forceps



Identification:

A = ARTERIA

= closing force 220 - 240 ± 10 g



3,0 cm

AS-2939

AS-2940



3,5 cm

AS-2941

AS-2942



4,0 cm

AS-2943

AS-2944



4,5 cm

AS-2945

AS-2946



3,0 cm

AS-2947

AS-2948



3,5 cm

AS-2949

AS-2950



4,0 cm

AS-2951

AS-2952



4,5 cm

AS-2953

AS-2954



3,0 cm

AS-2955

AS-2956



3,5 cm

AS-2957

AS-2958



4,0 cm

AS-2959

AS-2960



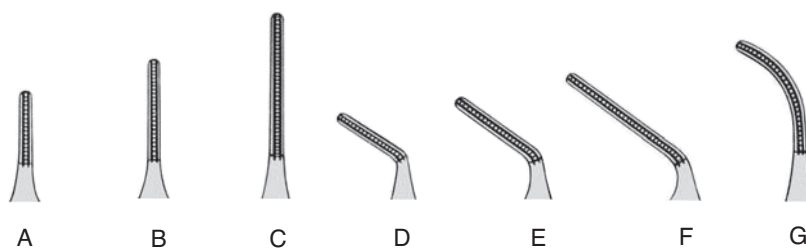
4,5 cm

AS-2961

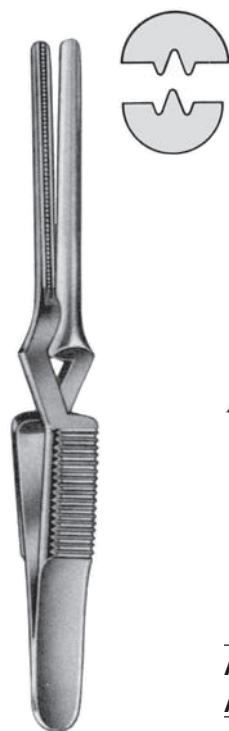
AS-2962



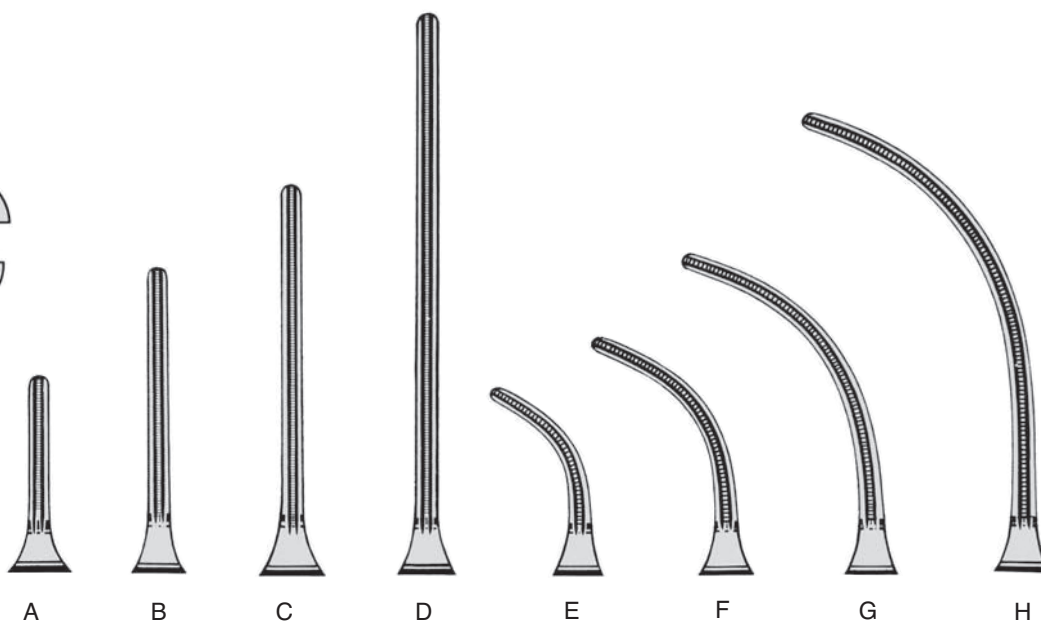
DEBAKEY-MICRO



Item	Fig.	Overall length	Jaw length	Weight	Closing
AS-2963	A	47 mm	10 mm	3 g	180
AS-2964	D	44 mm	10 mm	3 g	180
AS-2965	B	51 mm	14 mm	3 g	180
AS-2966	E	46 mm	14 mm	3 g	180
AS-2967	C	57 mm	20 mm	3 g	180
AS-2968	F	49 mm	20 mm	3 g	180
AS-2969	G	54 mm	20 mm	3 g	180



DEBAKEY



Item	Fig.	Overall length	Jaw length	Weight
AS-2970	A	80 mm	20 mm	10 g
AS-2971	E	75 mm	20 mm	10 g
AS-2972	B	90 mm	30 mm	11 g
AS-2973	F	85 mm	30 mm	11 g
AS-2974	C	105 mm	45 mm	12 g
AS-2975	G	95 mm	45 mm	12 g
AS-2976	D	125 mm	68 mm	12 g
AS-2977	H	115 mm	68 mm	12 g



DEBAKEY
AS-2978
12.5 cm



DEBAKEY
AS-2979
12.5 cm



DEBAKEY
AS-2980
12.5 cm
45°



DEBAKEY
AS-2981
10 cm
90°



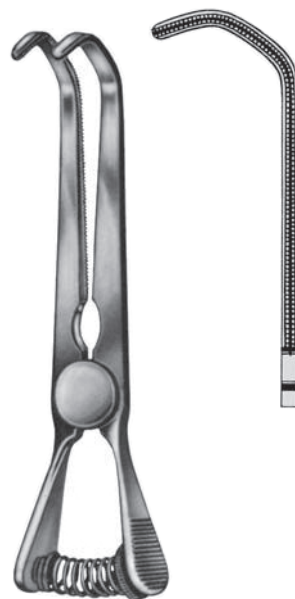
DEBAKEY
AS-2982
12.5 cm



DEBAKEY-SATINSKY

AS-2983 5,5 cm

AS-2984 6,5 cm



DEBAKEY-SATINSKY

AS-2985 10 cm



DEBAKEY-CAROTID

AS-2986 9 cm



DEBAKEY-MOSQUITO
AS-2987 12 cm



AS-2988
12 cm



14 cm



16 cm



18 cm



20 cm

DEBAKEY-PEAN

AS-2989 14 cm

AS-2990 16 cm

AS-2991 18 cm

AS-2992 20 cm



DEBAKEY-MOSQUITO
AS-2993 12 cm



AS-2994
12 cm



14 cm



16 cm



18 cm



20 cm

DEBAKEY-PEAN

AS-2995 14 cm

AS-2996 16 cm

AS-2997 18 cm

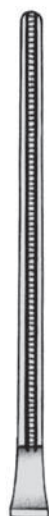
AS-2998 20 cm



Coarctation and Patent Ductus Forceps



DEBAKEY



AS-2999
23 cm



AS-3000
19,5 cm



DEBAKEY



AS-3001
23 cm



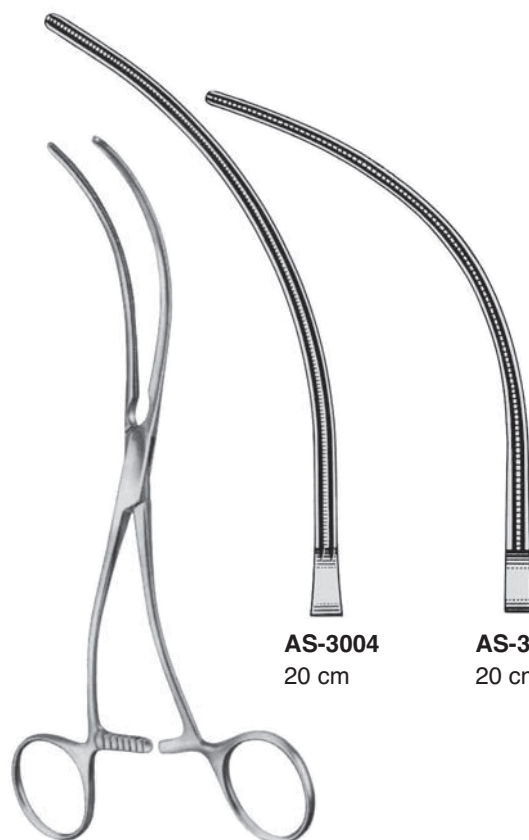
AS-3002
19,5 cm



Peripheral Vascular Clamps



DEBAKEY
AS-3003 18 cm



AS-3004
20 cm

AS-3005
20 cm

DEBAKEY



DEBAKEY
AS-3006 15 cm



Multi-purpose Clamps



DEBAKEY-BAINBRIDGE



AS-3007
17 cm



AS-3008
18,5 cm



DEBAKEY-BAINBRIDGE



AS-3009
17 cm



AS-3010
18,5 cm



DEBAKEY
AS-3011
20 cm



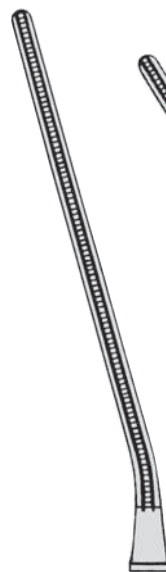
Peripheral Vascular Forceps



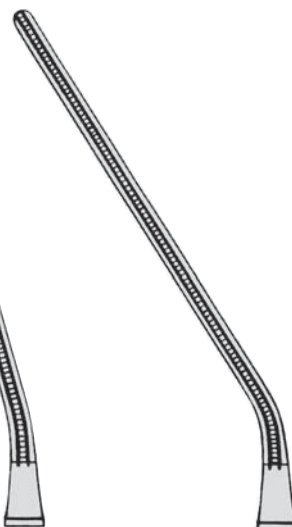
LELAND-JONES



AS-3012
19,5 cm



AS-3013
19 cm 15°



AS-3014
19 cm 30°



DEBAKEY-OCHSNER
AS-3015 23 cm

Aortic Clamps



DEBAKEY-DIETRICH
AS-3016 21 cm

Peripheral Vascular Forceps



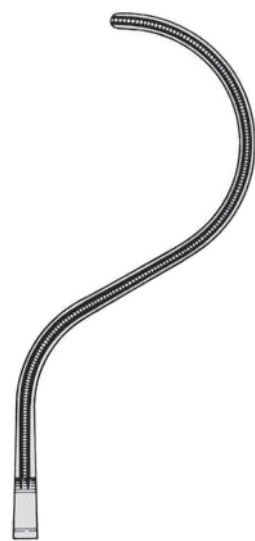
DEBAKEY-DALE
AS-3017 18,5 cm



AS-3018
17 cm



AS-3019
17,5 cm



AS-3020
18,5 cm

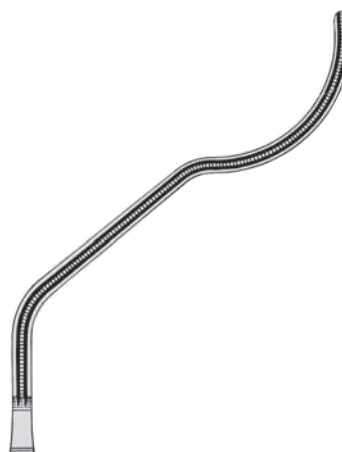
Profunda Clamps



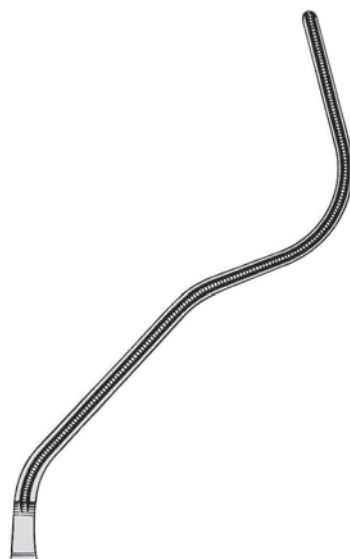
DEBAKEY-GREGORY



AS-3021
14 cm



AS-3022
16 cm



AS-3023
18 cm



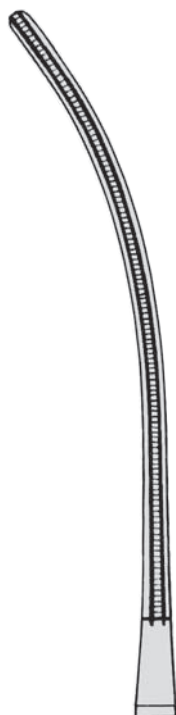
Aortic Aneurysm Clamps



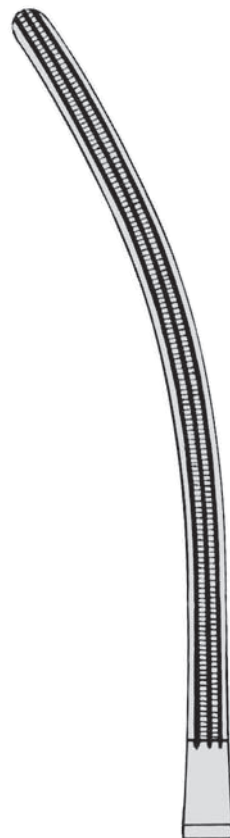
DEBAKEY



AS-3024
25,5 cm



AS-3025
26,5 cm



AS-3026
31 cm



AS-3027
34 cm



Aortic Aneurysm Clamps



DEBAKEY
AS-3028 31,5 cm



DEBAKEY
AS-3029 28 cm



DEBAKEY-BAHNSON



AS-3030
24 cm



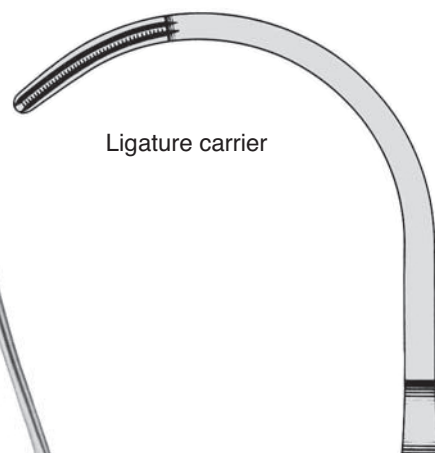
AS-3031
26 cm



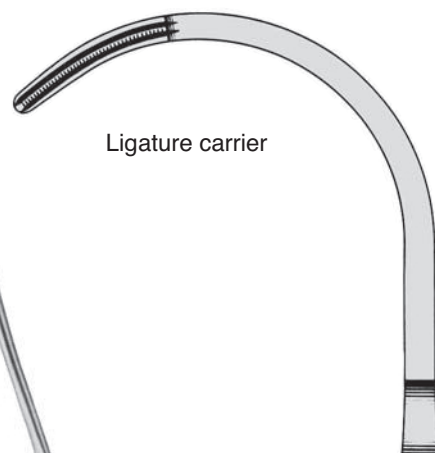
AS-3032
26,5 cm



DEBAKEY



AS-3033
26,5 cm



AS-3034
26 cm

Ligature carrier



Aortic forceps



WEBER
AS-3035 26 cm
left



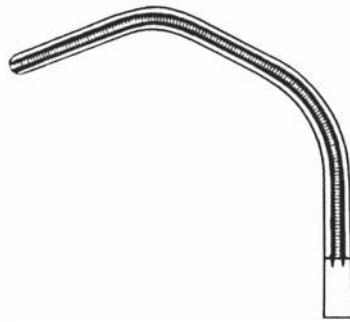
WEBER
AS-3036 26 cm
right



Aortic Forceps



DIETRICH
AS-3037
21 cm

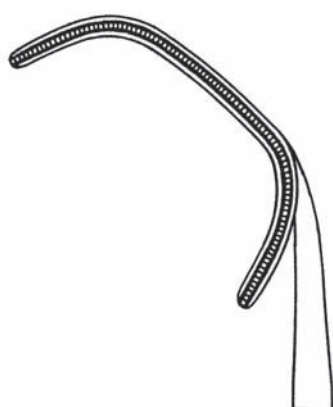


DEBAKEY
AS-3038
26 cm



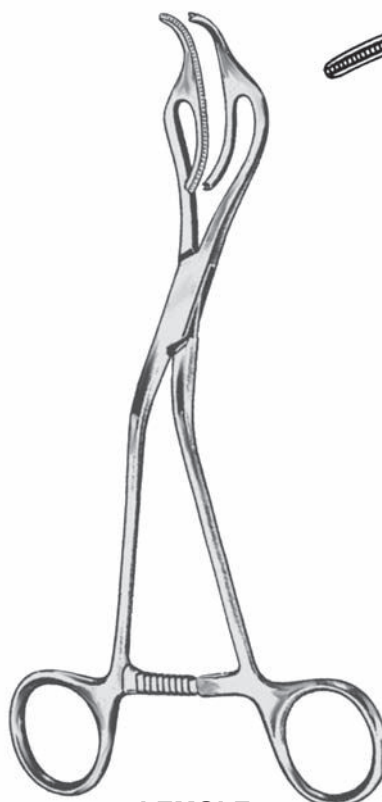


LEMOLE
20,5 cm

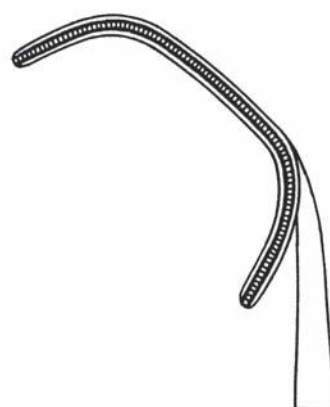


AS-3039
4,1x1,6 cm

AS-3040
4,5x2,3 cm



LEMOLE
20,5 cm



AS-3041
4,1x1,6 cm

AS-3042
4,5x2,3 cm

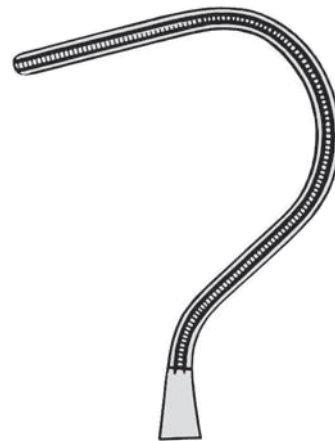
Aortic Clamps



WYLIE



AS-3043
23 cm



AS-3044
22 cm



Aortic Anastomosis Clamps



LAMBERT-KAY

AS-3045

21 cm

DEBAKEY-LAMBERT

AS-3046

26 cm



LAMBERT-KAY

AS-3047

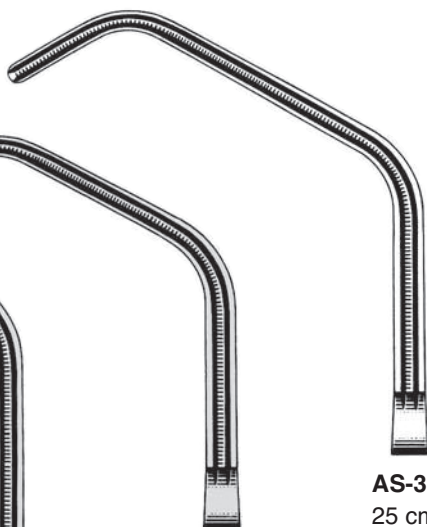
21 cm



SATINSKY



AS-3048
20 cm



AS-3049
24 cm



AS-3050
25 cm

AS-3051
26 cm

AS-3052
27 cm

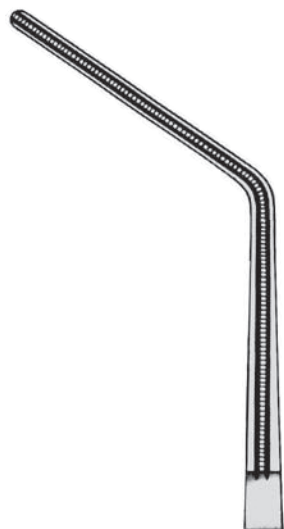
SATINSKY
AS-3053

Set AS-3048-AS-3052

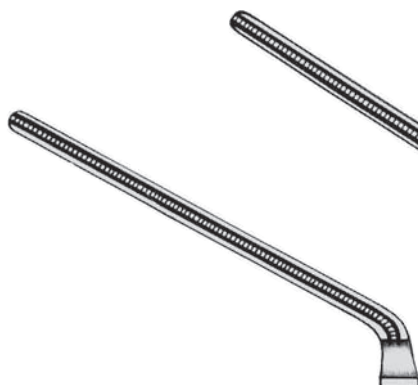
Tangential occluding forceps



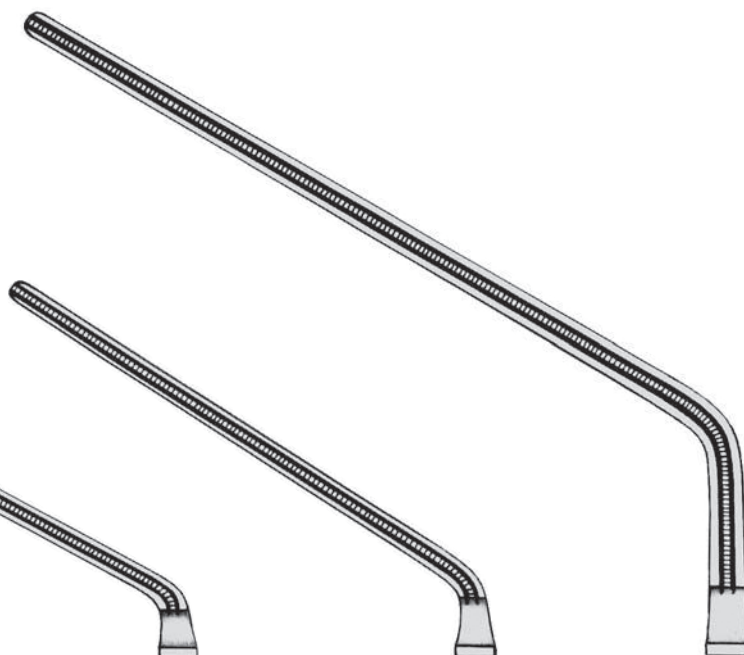
Multi Purpose Forceps



AS-3054
25 cm60°



AS-3055
21 cm60°

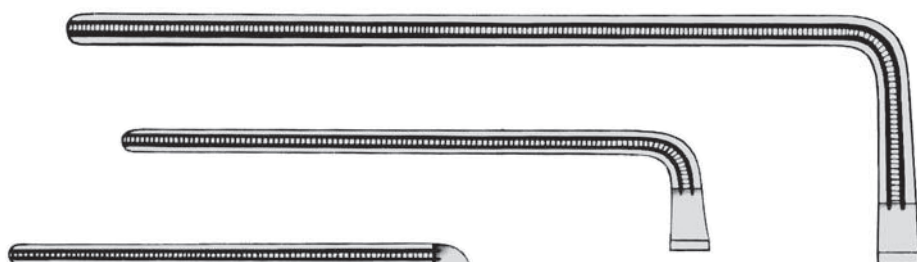


AS-3056
24 cm60°

AS-3057
31 cm60°



DEBAKEY



AS-3059
18 cm90°

AS-3060
21 cm90°

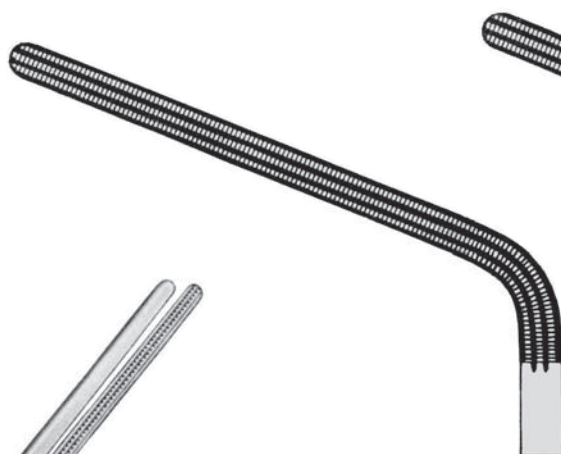
AS-3061
28 cm90°



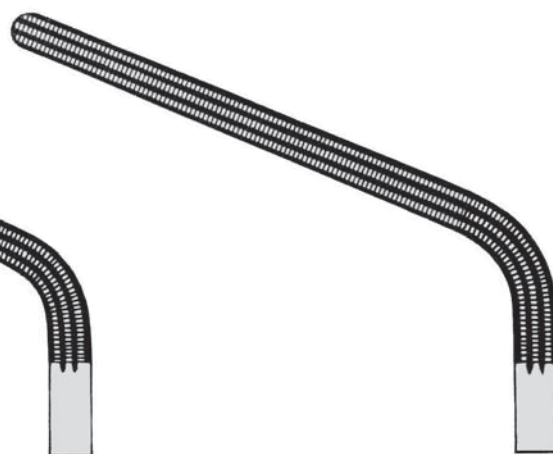
AS-3058
23 cm90°



DEBAKEY-MORRIS



AS-3062
20 cm



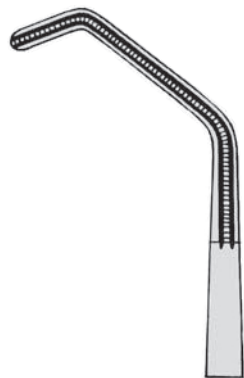
AS-3063
26 cm



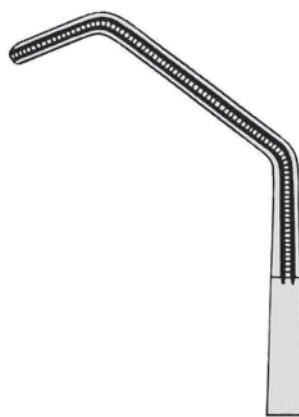
Vena Cava Clamps



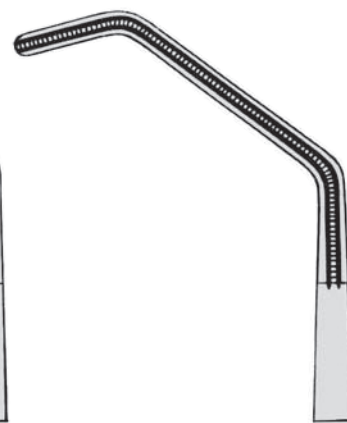
DEBAKEY-SATINSKY



AS-3064
23,5 cm



AS-3065
24 cm



AS-3066
24,5 cm

DEBAKEY-SATINSKY

AS-3067

Clamps Set AS-3064-AS-3066



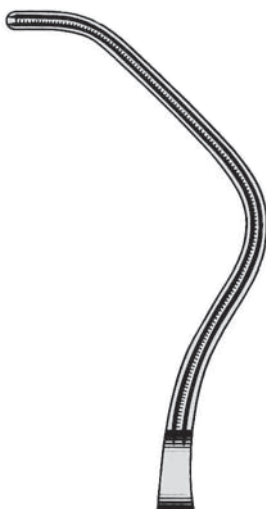
DEBAKEY-HARKEN
24 cm



AS-3068
#1 25 cm



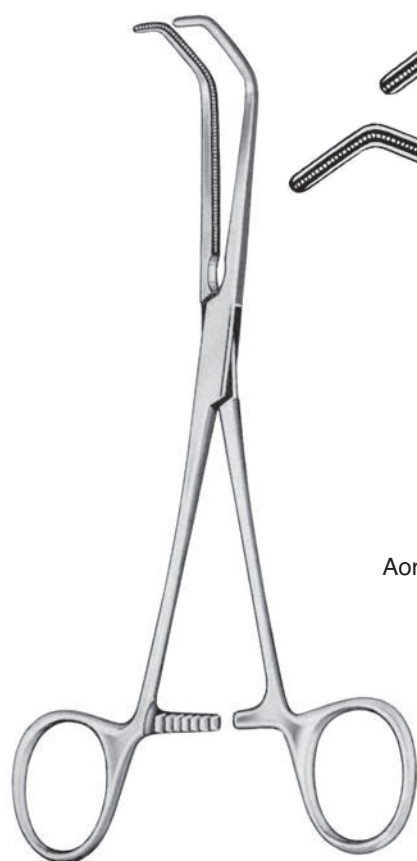
AS-3069
#2 24 cm



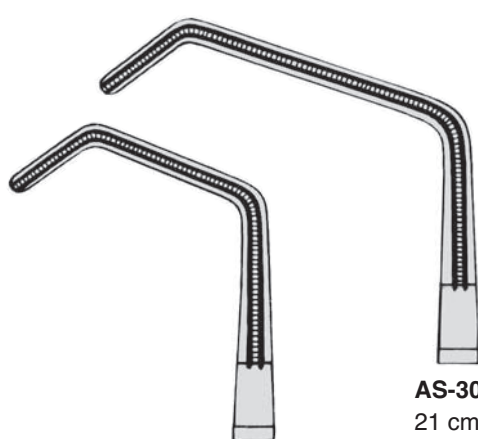
AS-3070
#3 24 cm



AS-3071
#4 24 cm



DEBAKEY-BECK



AS-3072
19,5 cm

AS-3073
21 cm

Aortic and Coarctation Forceps



GLOVER



AS-3074
20,5 cm



AS-3075
22 cm



AS-3076
26 cm

Patent Ductus Clamps



GLOVER



AS-3077
20,5 cm



AS-3078
22 cm



AS-3079
25,5 cm



GLOVER



AS-3080
21 cm



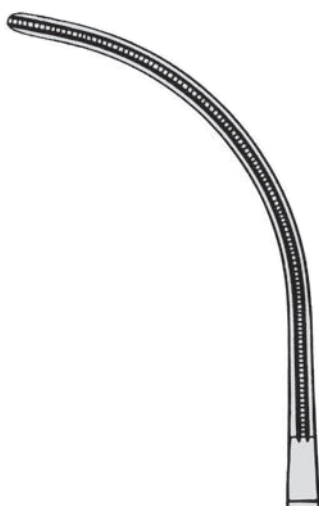
AS-3081
22 cm



Anastomosis Forceps



AS-3082
21 cm



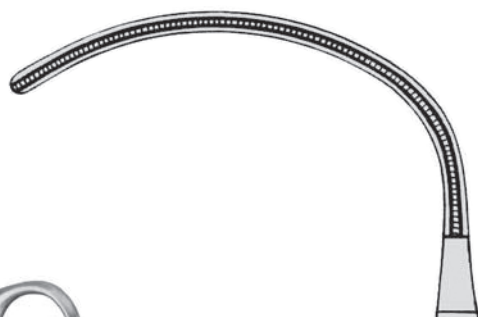
AS-3083
24 cm



AS-3084
18,5 cm



GLOVER



AS-3085
22 cm



AS-3086
21 cm



AS-3087
26 cm



DEBAKEY



AS-3088
21,5 cm



AS-3089
23 cm



AS-3090
27cm



AS-3091
31,5 cm

Coarctationsklemmen
Coarctation Forceps
Pinces à coarctation
Pinzas para
coarctation



DEBAKEY



AS-3092
21,5 cm



AS-3093
23 cm



AS-3094
27cm



AS-3095
31 cm



Thoracic Dissecting Forceps



DEBAKEY



AS-3096
19 cm



AS-3097
23 cm



LEES



AS-3098
23 cm90°



LEES

AS-3099
25 cm

Multi-Purpose Forceps



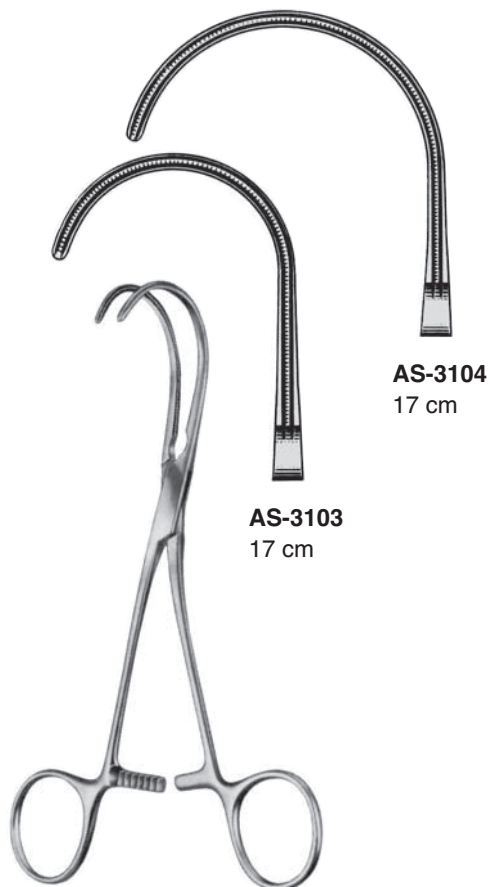
DEBAKEY
AS-3100 17 cm



DEBAKEY
AS-3101 16,5 cm



DEBAKEY-GLOVER
AS-3102 17 cm



AS-3103
17 cm

AS-3104
17 cm

DEBAKEY



DEBAKEY



AS-3105
16 cm 30°



AS-3106
15,5 cm 45°



AS-3107
14 cm 90°

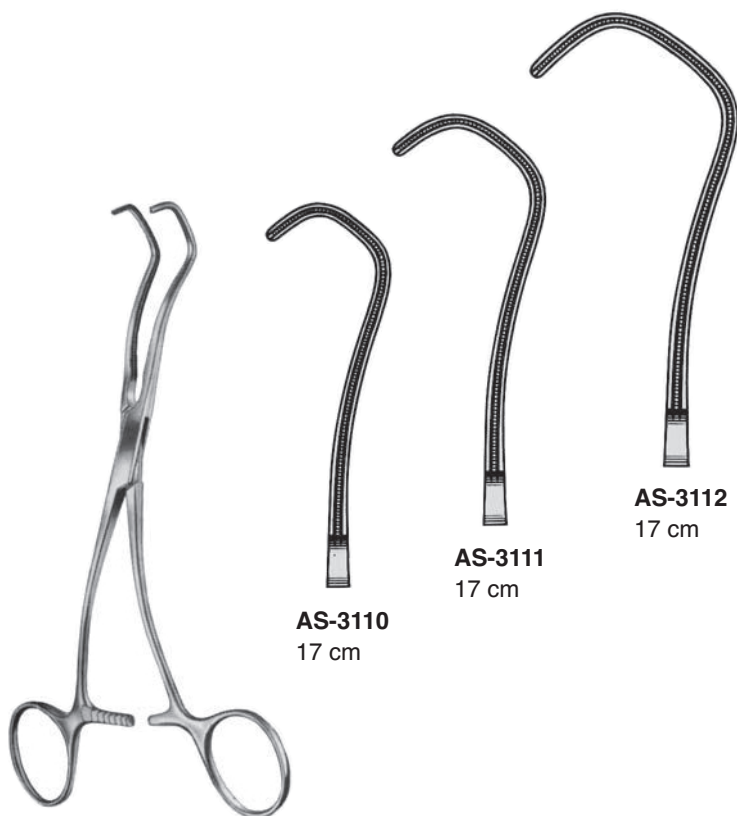
Anastomosis Forceps



DEBAKEY-BECK
AS-3108 16 cm



DEBAKEY-GLOVER
AS-3109 17 cm

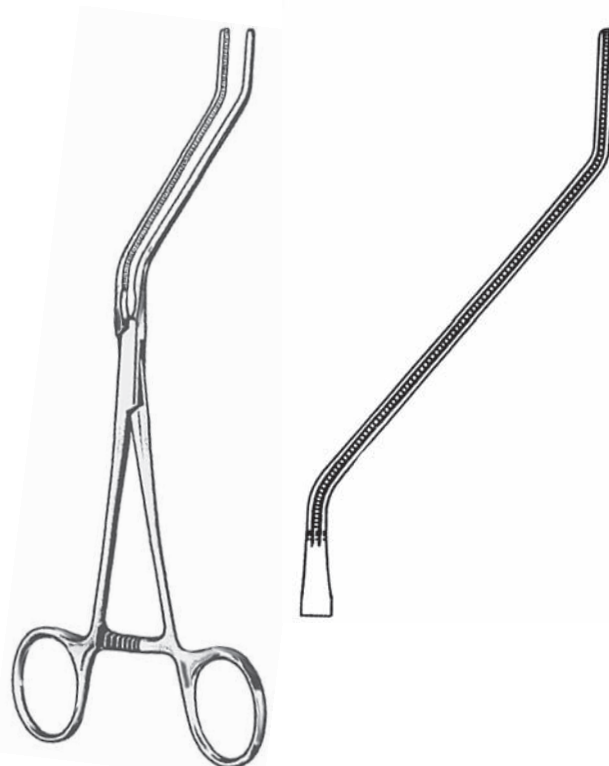


AS-3110
17 cm

AS-3111
17 cm

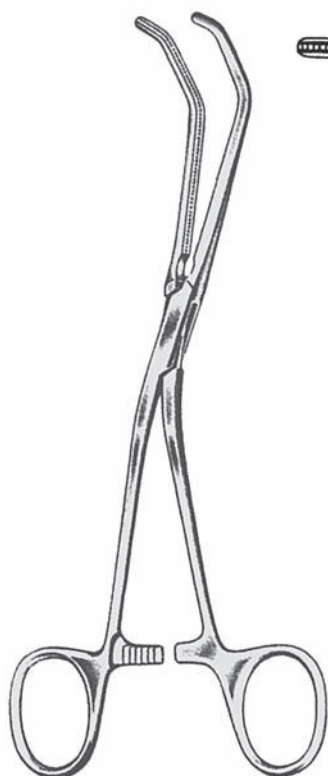
AS-3112
17 cm

DEBAKEY-DERRA

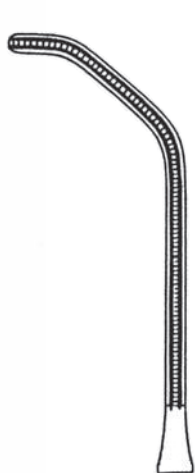


HENLY
AS-3113
20 cm

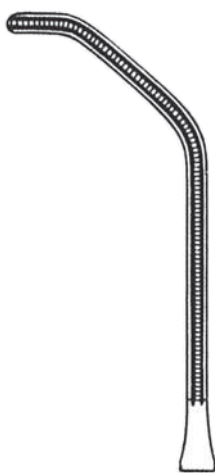
Anastomosis Forceps



DEBAKEY-REYNOLDS



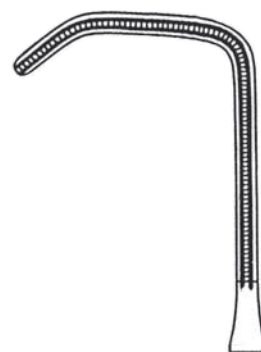
AS-3114
18 cm



AS-3115
18 cm



AS-3116
16,5 cm



AS-3117
16,5 cm



DEBAKEY-BECK



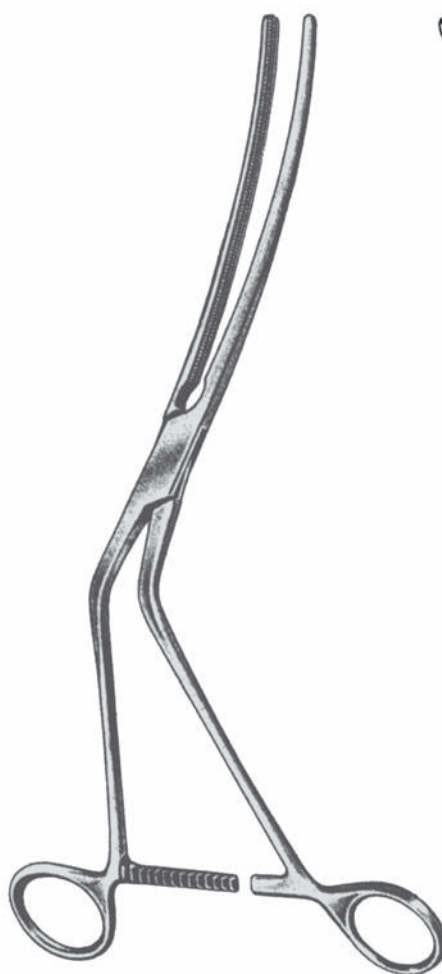
AS-3118
15 cm



AS-3119
15 cm



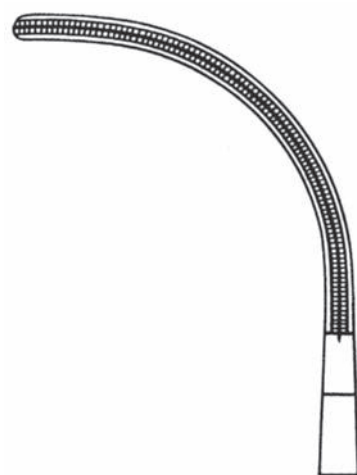
DEBAKEY
AS-3120
17 cm



WYLIE



AS-3121
27 cm



AS-3122
26 cm



GARRETT

AS-3153

AS-3154

AS-3155

14 cm /1,0-5,0 mm
Set

AS-3125 -AS-3165

AS-3156

22 cm /1,0-5,0 mm
Set

AS-3126-AS-3166



DEBAKEY

AS-3157

AS-3158

AS-3159

19 cm /0,5-0,9 mm
/Set

AS-3123-AS-3171

AS-3160

35 cm /0,5-0,9 mm
Set

AS-3124-AS-3172

GARRETT 14 cm
22 cm

DEBAKEY 19 cm
35 cm



0,5 mm Ø



1,0 mm Ø



1,5 mm Ø



2,0 mm Ø

AS-3125

AS-3126

AS-3129

AS-3130

AS-3133

AS-3134

AS-3123

AS-3124

AS-3127

AS-3128

AS-3131

AS-3132

AS-3135

AS-3136



2,5 mm Ø



3,0 mm Ø



3,5 mm Ø



4,0 mm Ø

AS-3137

AS-3138

AS-3141

AS-3142

AS-3145

AS-3146

AS-3149

AS-3150

GARRETT 14 cm
22 cm

DEBAKEY 19 cm
35 cm

AS-3139

AS-3140

AS-3143

AS-3144

AS-3147

AS-3148

AS-3151

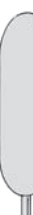
AS-3152



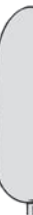
4,5 mm Ø



5,0 mm Ø



7,0 mm Ø



9,0 mm Ø

AS-3161

AS-3162

AS-3165

AS-3166

AS-3169

AS-3170

AS-3171

AS-3172

GARRETT 14 cm
22 cm

DEBAKEY 19 cm
35 cm

AS-3163

AS-3164

AS-3167

AS-3168



SCHMID



AS-3173
3,0 mm Ø



AS-3174
4,0 mm Ø



AS-3175
5,0 mm Ø



AS-3176
6,0 mm Ø

Irrigating Cannulae



TUNNELIER
AS-3178
complete

OLIVES
(2 pcs)



AS-3179
6 mm (2x)



AS-3180
8 mm (2x)



AS-3181
10 mm (2x)



AS-3182
12 mm (2x)



AS-3183
2 Universal handles



AS-3184
225 mm
Tunneling shaft



AS-3185
225 mm
Tunneling shaft



AS-3186
540 mm
Tunneling shaft



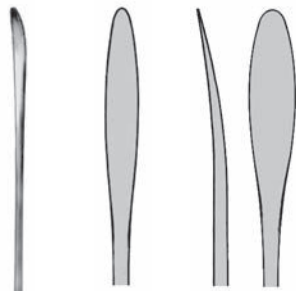
AS-3187
Vein tip



AS-3188
LUER-Adapter

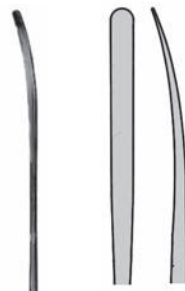
AS-3189
Plate for tips

AS-3190
Sterilizing case



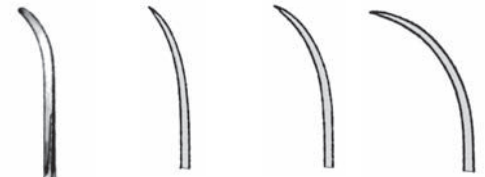
AS-3191 14 cm
AS-3192 23,5 cm

SCHMID



3 mm

AS-3193 18,5 cm
AS-3194 21,5 cm



AS-3195 **AS-3196** **AS-3197**

LEMMON
17 cm



5 mm

2,5 mm

ROBB
AS-3198 24 cm



4 mm

2 mm

ROBB
AS-3199 24 cm



3 mm

1,5mm

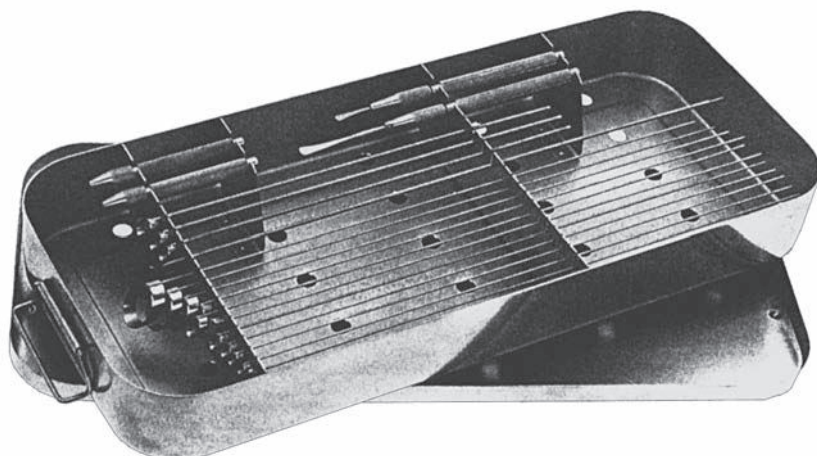
ROBB
AS-3200 24 cm



2 mm

1 mm

ROBB
AS-3201 24 cm



CANNON
AS-3202

AS-3202 Endarterectomy-set, consisting of:

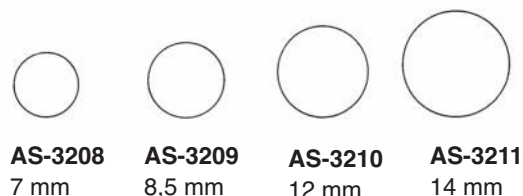
- 1 Endarterectomy stripper, oval, malleable ϕ 7,0x 7,8mm, 24cm
- 1 Endarterectomy stripper, oval, malleable, ϕ 8,0x 9,0mm, 24cm
- 1 Endarterectomy stripper, oval, malleable ϕ 9,0x10,0mm, 24cm
- 1 Endarterectomy stripper, oval, flexible ϕ 2,8x 3,1mm, 33cm
- 1 Endarterectomy stripper, oval, flexible ϕ 3,9x 4,3mm, 33cm
- 1 Endarterectomy stripper, oval, flexible ϕ 5,0x 5,7mm, 33cm
- 1 Endarterectomy stripper, oval, flexible ϕ 6,0x 6,7mm, 33cm
- 1 Endarterectomy stripper, oval, flexible ϕ 7,0x 8,0mm, 33cm
- 1 Endarterectomy stripper, oval, flexible ϕ 7,8x 9,0mm, 33cm
- 1 Endarterectomy stripper, oval, flexible ϕ 8,7x10,2mm, 33cm
- 1 Endarterectomy stripper, oval, flexible ϕ 9,4x 10,8mm, 33cm
- 1 Endarterectomy stripper, oval, flexible ϕ 15,5x17,3mm, 33cm
- 1 Endarterectomy stripper, oval, flexible ϕ 18,0x10,5mm, 33cm
- 1 Endarterectomy stripper, oval, flexible ϕ 22,2x23,2mm, 33cm
- 1 Introducing instrument, flexible, 32 cm
- 1 Intima knife, 4,7mm, 15 cm
- 1 Intima dissector, 5,6mm, 18 cm
- 2 Handles for Endarterectomy strippers, 8,5mm
- 1 Sterilizing case 430x180x55mm

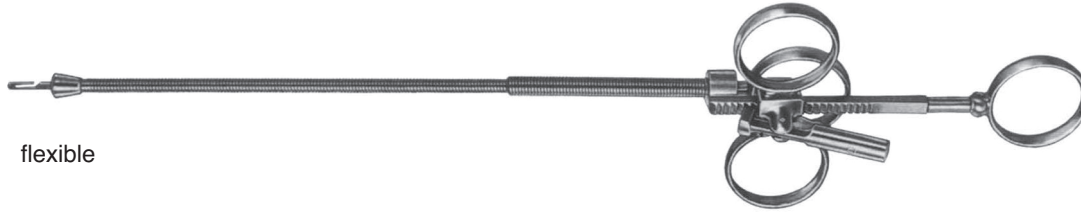


WALTON
50 cm



AS-3212
Handle for Ring strippers AS-3203-AS-3211





flexible

RUMEL-BELMONT

33 cm

AS-3213

3,2 mm Ø

AS-3214

3,2 mm Ø

stilette only

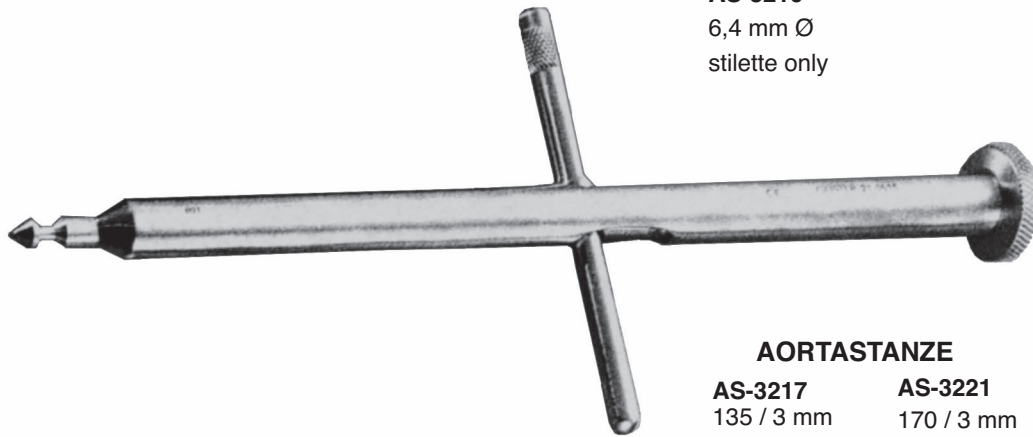
AS-3215

6,4 mm Ø

AS-3216

6,4 mm Ø

stilette only



AORTASTANZE

AS-3217

135 / 3 mm

AS-3218

135 / 4 mm

AS-3219

135 / 5mm

AS-3220

135 / 6 mm

AS-3221

170 / 3 mm

AS-3222

170 / 4 mm

AS-3223

170 / 5 mm

AS-3224

170 / 6 mm



AS-3225 straight



AS-3228 90° down



AS-3226 25° down



AS-3229 45° left



AS-3227 70° down

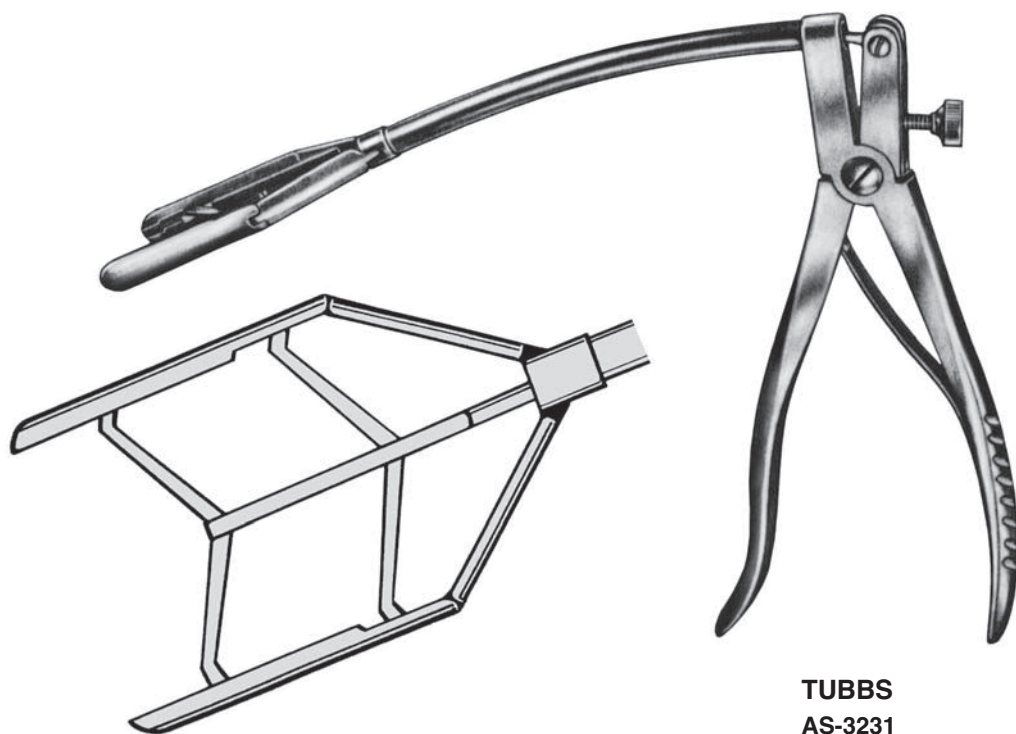


AS-3230 45° right



BAILEY

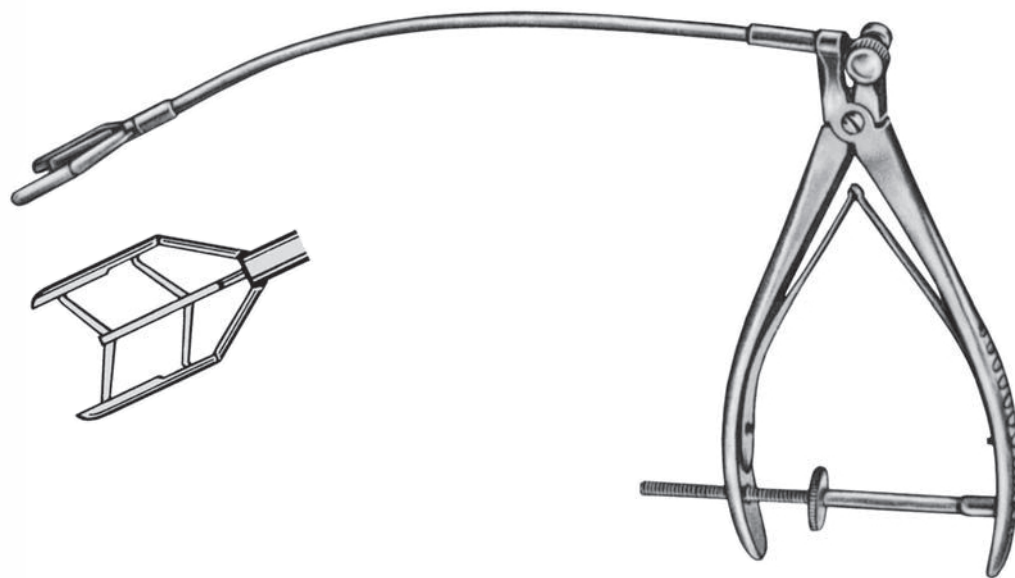
11,5 cm



TUBBS
AS-3231
8 - 42 mm



MORRIS
AS-3232
26 cm



COOLEY
AS-3233
8 - 42 mm

Vascular Retractor

MICRO-FORCEPS WITH PROFILE HANDLE



ASAMAR
SURGICAL



AS-3234 16 cm
AS-3235 18 cm
AS-3236 20 cm
AS-3237 22 cm
AS-3238 24 cm
Tips 0,6 mm



AS-3239 16 cm
AS-3240 18 cm
AS-3241 20 cm
AS-3242 22 cm
AS-3243 24 cm
Tips 0,9 mm



AS-3244 18 cm
1 x 2 teeth



AS-3245 16,5 cm
AS-3246 20,0 cm



AS-3247 16,5 cm
AS-3248 20,0 cm



AS-3249 20,0 cm



AS-3250 20,0 cm



AS-3251 20,0 cm



AS-3252 22,5 cm

AS-3254 22,5 cm

AS-3256 22,5 cm

AS-3255 24,5 cm

AS-3253 22,5 cm
serrated

VANNAS

AS-3257 22,5 cm

AS-3258 22,5 cm

AS-3259 22,5 cm

AS-3260 22,5 cm



NAGEL



45°

AS-3261 20,0 cm



45°

AS-3262 20,0 cm

geknöpft
button-
end
boutonée
abotonada

125°

AS-3263 20,0 cm

NEEDLEHOLDERS WITH PROFILE HANDLE

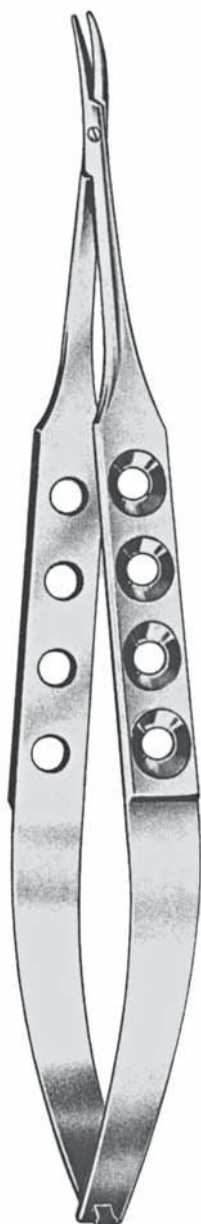


ASAMAR
SURGICAL



AS-3264 20,0 cm
AS-3265 22,0 cm

AS-3266 16,5 cm
AS-3267 20,0 cm
AS-3268 22,0 cm
AS-3269 24,5 cm



AS-3270 16,0 cm
AS-3271 18,0 cm



AS-3272 16,0 cm
AS-3273 18,0 cm

NEEDLEHOLDERS WITH PROFILE HANDLE



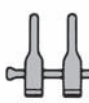
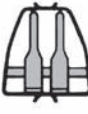
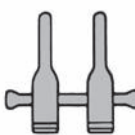
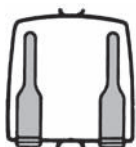
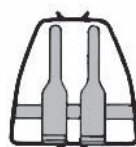
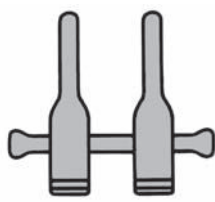
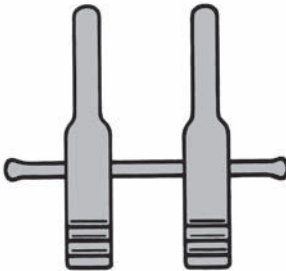
ASAMAR
SURGICAL



Applying forceps for micro vascular clamps AS-3283 to AS-3289

AS-3274
with ratchet

AS-3275
without ratchet

Vessel size	Single clamps (pair)	Approximators without frame, movable	Double clamps with frame	Approximators with frame, movable
0,4-1,0 mm				
ACLAND, mod.	AS-3276 AS-3277	AS-3284 AS-3285	AS-3292 AS-3293	AS-3298 AS-3299
0,6-1,5 mm				
ACLAND, mod.	AS-3278 AS-3279	AS-3286 AS-3287	AS-3294 AS-3295	AS-3300 AS-3301
1,0-2,25 mm				
ACLAND, mod.	AS-3280 AS-3281	AS-3288 AS-3289	AS-3296 AS-3297	AS-3302 AS-3303
1,5-3,5 mm				
ACLAND, mod.	AS-3282	AS-3290		
2,0-5,0 mm				
ACLAND, mod.	AS-3283	AS-3291		

V= for veins

A= for arteries

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