

E.N.T.
HNO
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AS





Heister
AS-1001-13
13 cm / 5"



Molt
AS-1005-11
11 cm / 4½"



Molt
AS-1010-14
14 cm / 5½"



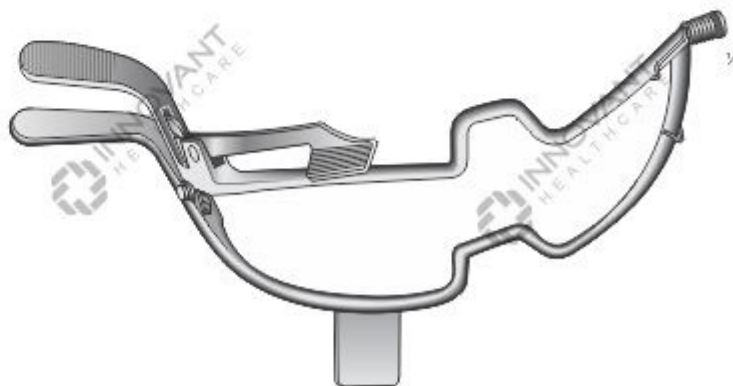
Denhart
AS-1015-12
12 cm / 4¾"



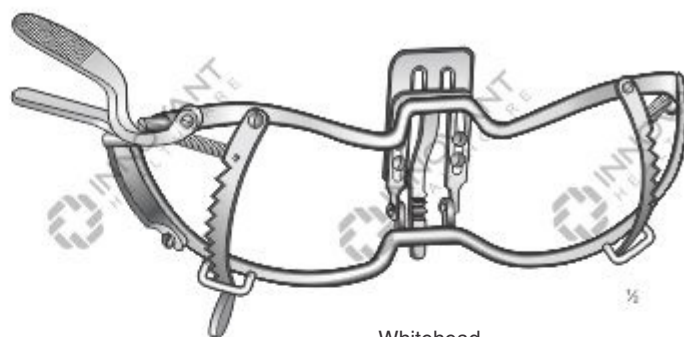
Roser-König
AS-1020-16 16 cm / 6¼"
AS-1021-19 19 cm / 7½"



Jennings
AS-1025-09 9 cm / 3½"
AS-1026-11 11 cm / 4½"
AS-1027-13 13 cm / 5"
AS-1028-15 15 cm / 6"



Seemann-Seiffert
AS-1035-09 9 cm / 3½"
AS-1036-11 11 cm / 4½"
AS-1037-13 13 cm / 5"
AS-1038-15 15 cm / 6"



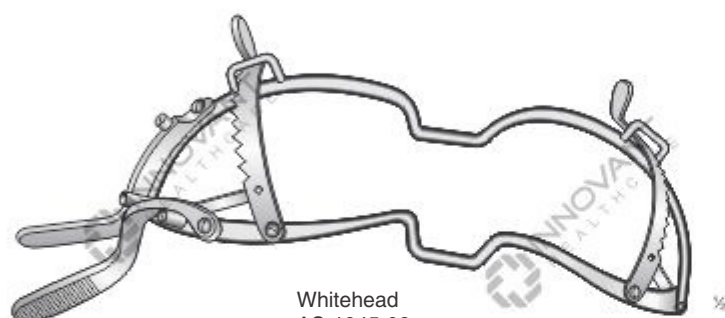
Whitehead

AS-1055-09 9 cm / 3½"

AS-1056-11 11 cm / 4½"

AS-1057-13 13 cm / 5"

AS-1058-15 15 cm / 6"



Whitehead

AS-1045-09 9 cm / 3½"

AS-1046-11 11 cm / 4½"

AS-1047-13 13 cm / 5"

AS-1048-15 15 cm / 6"



AS-1069-04

AS-1066-01
65 x 28 mm
Fig. 1AS-1067-02
75 x 32 mm
Fig. 2AS-1068-03
80 x 37 mm
Fig. 3Kilner-Doughty
AS-1065-00
Complete Set
AS-1070-00
Gag Only



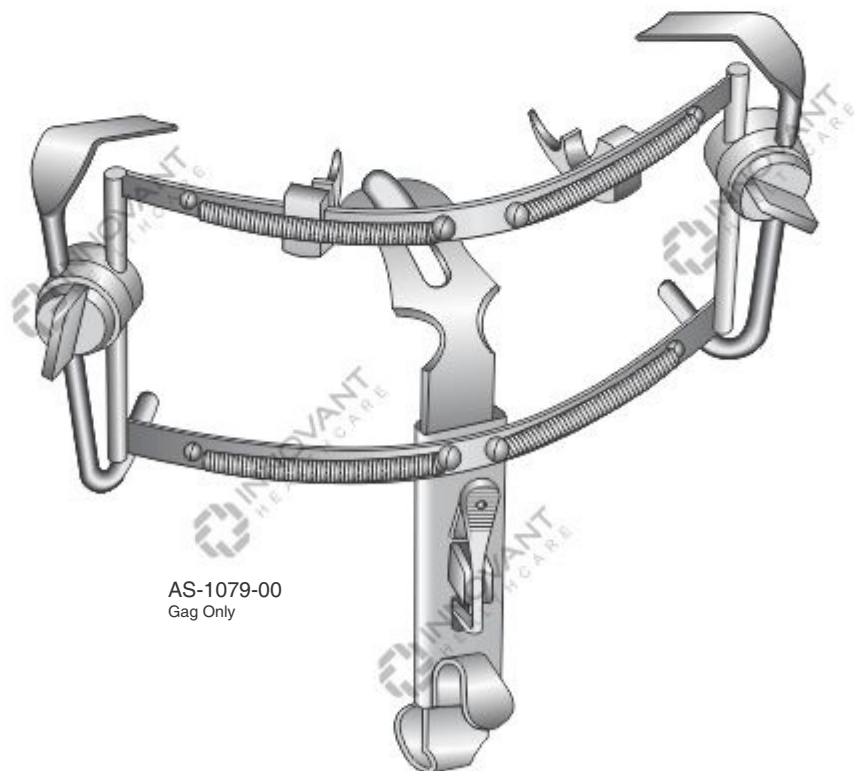
AS-1076-01
55 x 25 mm
Fig. 1



AS-1077-02
60 x 27 mm
Fig. 2



AS-1078-03
70 x 30 mm
Fig. 3



AS-1079-00
Gag Only

Dingmann
AS-1075-00
Complete Set



Davis-Boyle
AS-1085-00
Complete Set
AS-1086-00
Gag Only



AS-1090-01
105 x 27 mm
Fig. 1



AS-1091-02
90 x 25 mm
Fig. 2



AS-1092-03
75 x 25 mm
Fig. 3



AS-1093-04
60 x 22 mm
Fig. 4



AS-1094-05
25 x 20 mm
Fig. 5



Mc Ivor
AS-1100-00
Complete Set
AS-1101-00
Gag only



AS-1105-01
95 x 27 mm
Fig. 1



AS-1106-02
85 x 22 mm
Fig. 2



AS-1107-03
70 x 22 mm
Fig. 3



Würzburg Model
AS-1115-01 Fig. 1 66 x 28 mm
AS-1116-02 Fig. 2 75 x 32 mm
AS-1117-03 Fig. 3 83 x 34 mm
AS-1118-04 Fig. 4 93 x 37 mm
AS-1119-05 Fig. 5 100 x 38 mm



Negus
AS-1125-00
Chest Support For Mouth Gag

Tongue | Zunge | Lengua | Langue | Lingua

Cheek & Lip Retractors, Tongue Depressors

Wangen-und Lippenhalter, Zungendrucker

Ecarteurs des joues et des lèvres, Abaisse-langues

Separadores para mejillas y labios, Abaja-lenguas

Divaricatori per guancie e labbra, Abbassalingua



Simplex
AS-1130-11
11 cm / 4½"



Sternberg
AS-1135-12 12 cm / 4¾"
AS-1136-14 14 cm / 5½"
AS-1137-16 16 cm / 6¼"



Tobold
AS-1145-14
14.5 cm / 5½"



Hartmann
AS-1150-15
15 cm / 6"



Moritz-Schmidt
AS-1155-19
19 cm / 7½"



AS-1160-28
28 mm



AS-1161-32
32 mm

Wieder
14.5 cm / 5¾"



AS-1165-19
19 cm / 7½"
Moveable Blade



Standard
AS-1170-14
14.5 cm / 5¾"



Univ. Minnesota
AS-1175-14
14 cm / 5½"



Kroenig
AS-1180-15
15 cm / 6"



Mayo
AS-1185-17
17 cm / 6¾"



Bruenings
AS-1190-19
19 cm / 7½"



Frenzel
AS-1195-16
16.5 cm / 6½"



AS-1200-18
18 cm / 7"

Tongue | Zunge | Lengua | Langue | Lingua

Tongue Holding Forceps, Trocars, Dilators

Zungenzangen, Trokare, Dilatoren

Pincès tire-langue, Trachéotomes, Dilatateurs

Pinzas tira-lengua, Traqueótomos, Diladores

Pinze tiralingua, Tracheotomi, Dilatori



Collin
AS-1205-16
16 cm / 6¼"



Spare Rubber
AS-1211-00
Pair

Young
AS-1210-17
17 cm / 6¾"



AS-1215-07
7.5 mm

AS-1216-09
9 mm

Uckermann



Laborde
AS-1220-14
14 cm / 5½"



Trousseau
AS-1225-14
14 cm / 5½"



Bose
AS-1230-07
7 cm / 2¾"



Lukens
AS-1235-17
17 cm / 6 3/4"



Schoenborn
AS-1240-21
21 cm / 8 1/4"



Bose
AS-1245-16
16 cm / 6 1/4"
Curved To Right



Bose
AS-1250-16
16 cm / 6 1/4"
Curved To Left



AS-1255-16
Sharp



AS-1256-16
Blunt



Iterson
16 cm / 6 1/4"



AS-1260-18
Blunt



AS-1261-18
Sharp



Jackson
18 cm / 7"



Jackson
AS-1265-17
17 cm / 6¾"



Jackson
AS-1270-15
15 cm / 6"



Luer
AS-1275-11
11 cm / 4½"



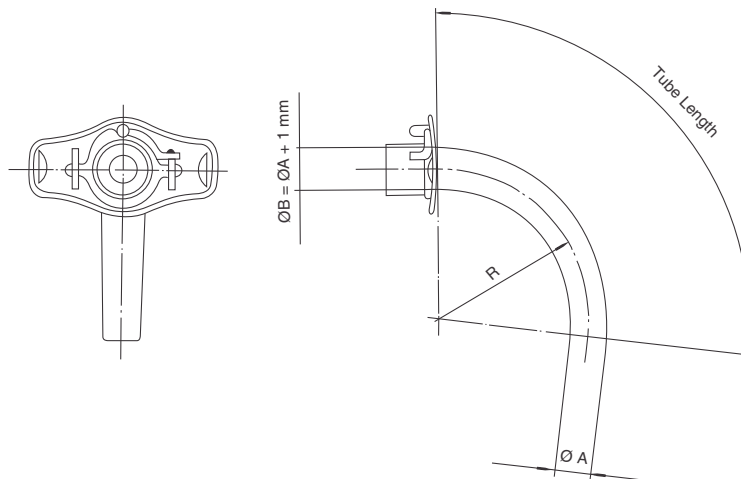
Rose
AS-1280-13
13 cm / 5"



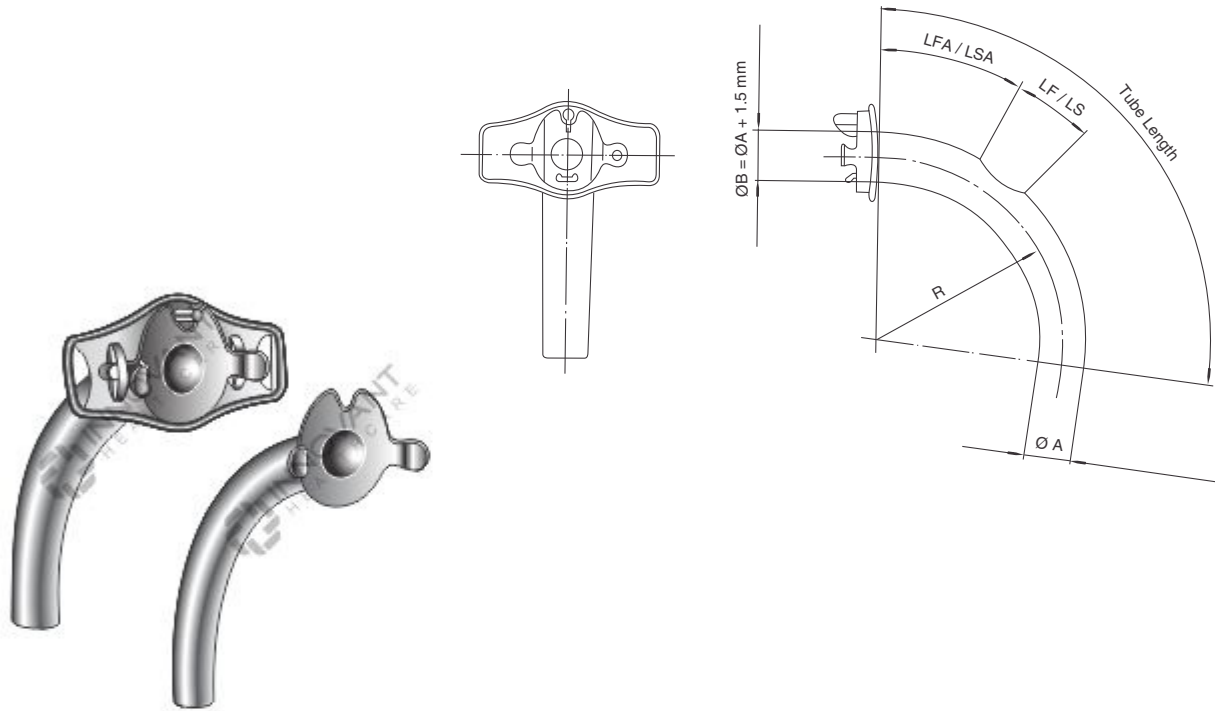
News
AS-1285-15
15 cm / 6"



Luer
Outer Tube Closed
Inner Tube Closed

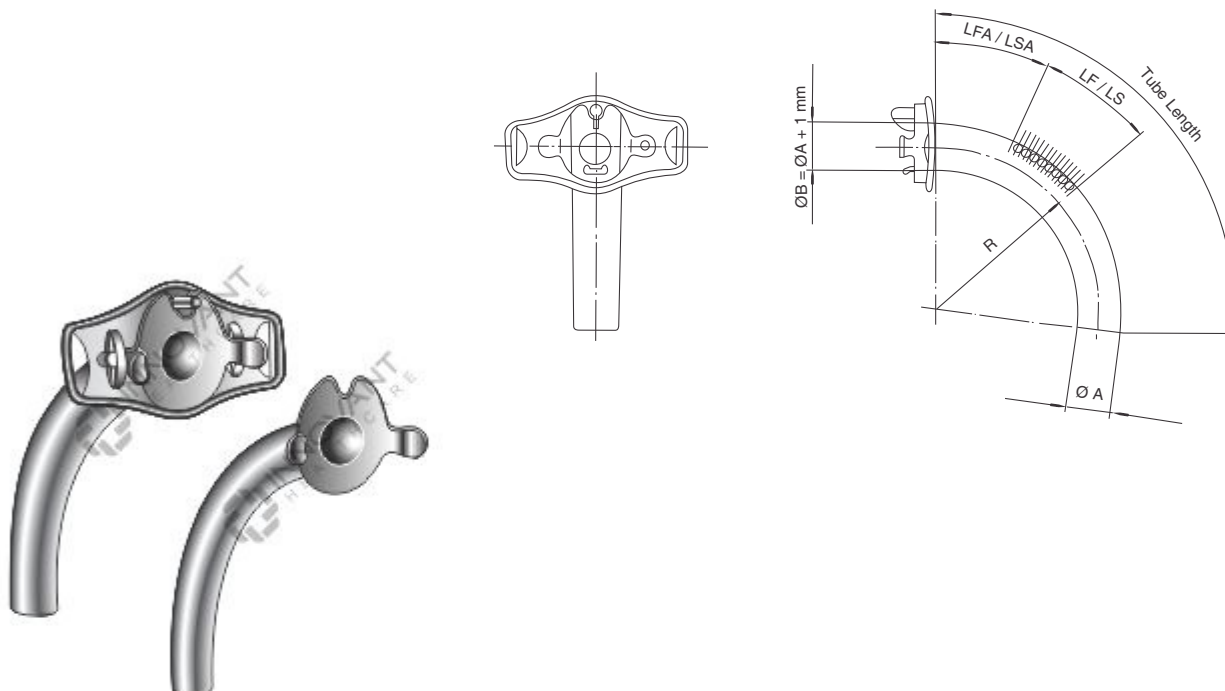


	Radius	Fig	Diameter	Tube Length	Material
AS-1290-00	N	0	4 mm	45 mm	Silver
AS-1291-00					German Silver
AS-1292-00					Stainless Steel
AS-1293-01	N	1	5 mm	50 mm	Silver
AS-1294-01					German Silver
AS-1295-01					Stainless Steel
AS-1296-02	N	2	6 mm	55 mm	Silver
AS-1297-02					German Silver
AS-1298-02					Stainless Steel
AS-1299-03	N	3	7 mm	60 mm	Silver
AS-1300-03					German Silver
AS-1301-03					Stainless Steel
AS-1302-04	N	4	8 mm	65 mm	Silver
AS-1303-04					German Silver
AS-1304-04					Stainless Steel
AS-1305-05	N	5	9 mm	70 mm	Silver
AS-1306-05					German Silver
AS-1307-05					Stainless Steel
AS-1308-06	N	6	10 mm	75 mm	Silver
AS-1309-06					German Silver
AS-1310-06					Stainless Steel
AS-1311-07	N	7	11 mm	80 mm	Silver
AS-1312-07					German Silver
AS-1313-07					Stainless Steel
AS-1314-08	N	8	12 mm	85 mm	Silver
AS-1315-08					German Silver
AS-1316-08					Stainless Steel
AS-1317-09	N	9	13 mm	90 mm	Silver
AS-1318-09					German Silver
AS-1319-09					Stainless Steel
AS-1320-04	M	4	8 mm	95 mm	Silver
AS-1321-05	M	5	9 mm	95 mm	Silver
AS-1322-06	M	6	10 mm	95 mm	Silver
AS-1323-07	M	7	11 mm	95 mm	Silver
AS-1324-08	M	8	12 mm	95 mm	Silver
AS-1325-09	M	9	13 mm	95 mm	Silver



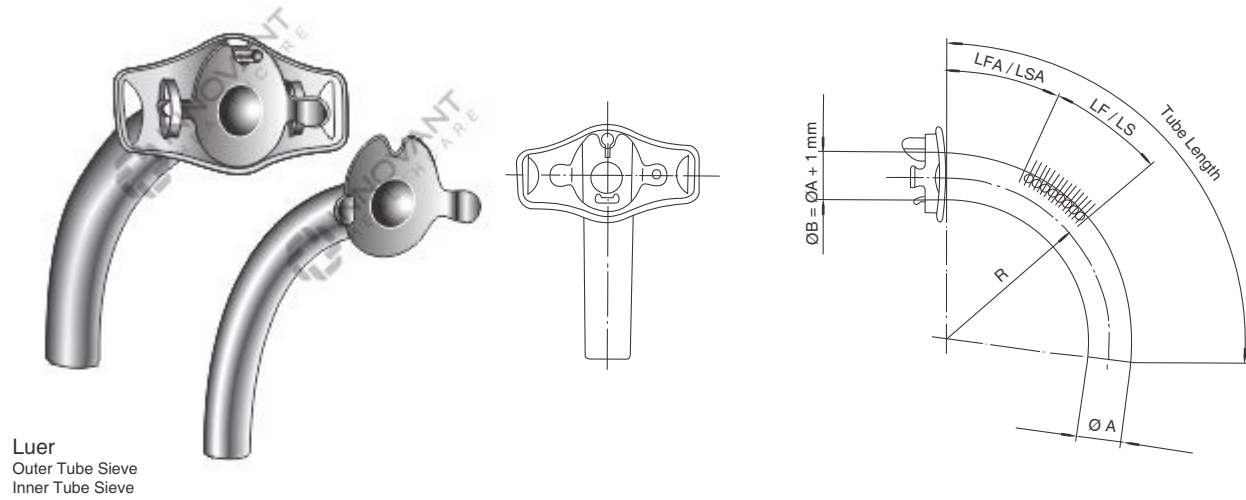
Luer
Outer Tube Window
Inner Tube Window

	Radius	Fig	Diameter	Tube Length	Material
AS-1330-03	N	3	7 mm	60 mm	Silver
AS-1331-03					German Silver
AS-1332-03					Stainless Steel
AS-1333-04	N	4	8 mm	65 mm	Silver
AS-1334-04					German Silver
AS-1335-04					Stainless Steel
AS-1336-05	N	5	9 mm	70 mm	Silver
AS-13AS-15					German Silver
AS-1338-05					Stainless Steel
AS-1339-06	N	6	10 mm	75 mm	Silver
AS-1340-06					German Silver
AS-1341-06					Stainless Steel
AS-1342-07	N	7	11 mm	80 mm	Silver
AS-1343-07					German Silver
AS-1344-07					Stainless Steel
AS-1345-08	N	8	12 mm	85 mm	Silver
AS-1346-08					German Silver
AS-1347-08					Stainless Steel
AS-1348-09	N	9	13 mm	90 mm	Silver
AS-1349-09					German Silver
AS-1350-09					Stainless Steel
AS-1351-04	M	4	8 mm	95 mm	Silver
AS-1352-05	M	5	9 mm	95 mm	Silver
AS-1353-06	M	6	10 mm	95 mm	Silver
AS-1354-07	M	7	11 mm	95 mm	Silver
AS-1355-08	M	8	12 mm	95 mm	Silver
AS-1356-09	M	9	13 mm	95 mm	Silver

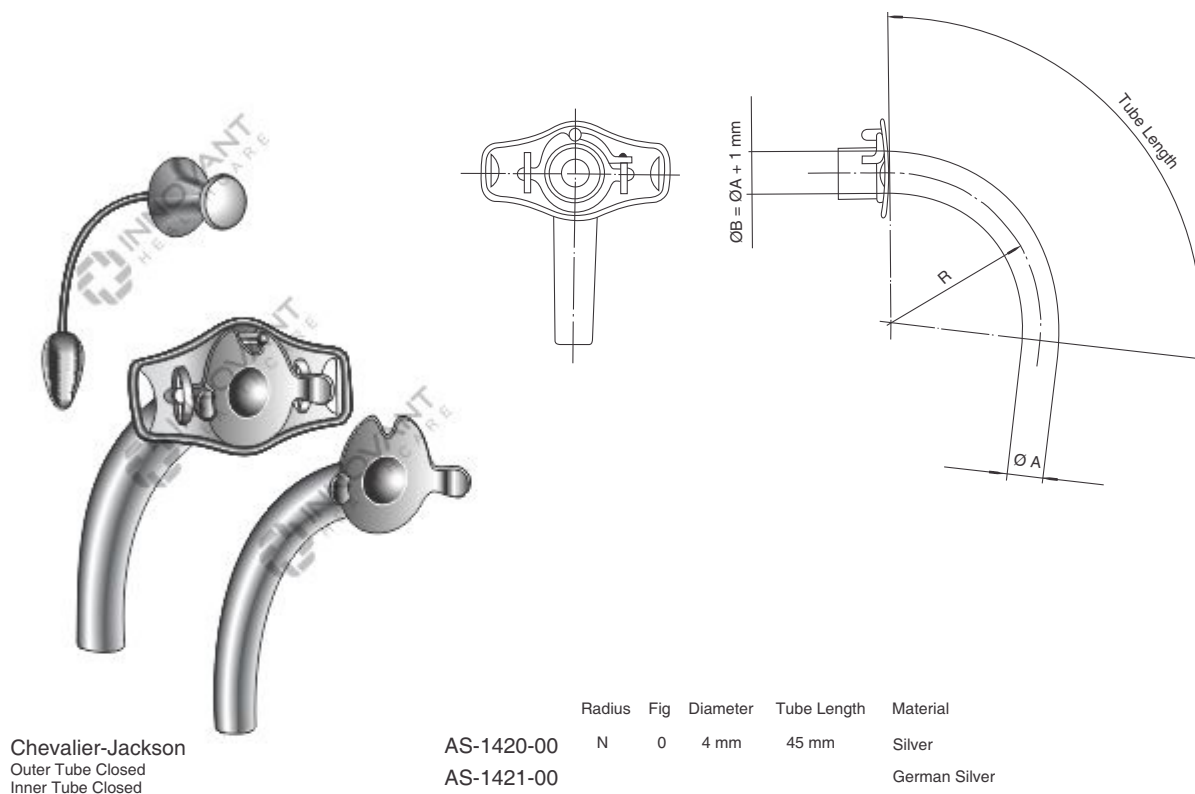


Luer
Outer Tube Sieve
Inner Tube Window

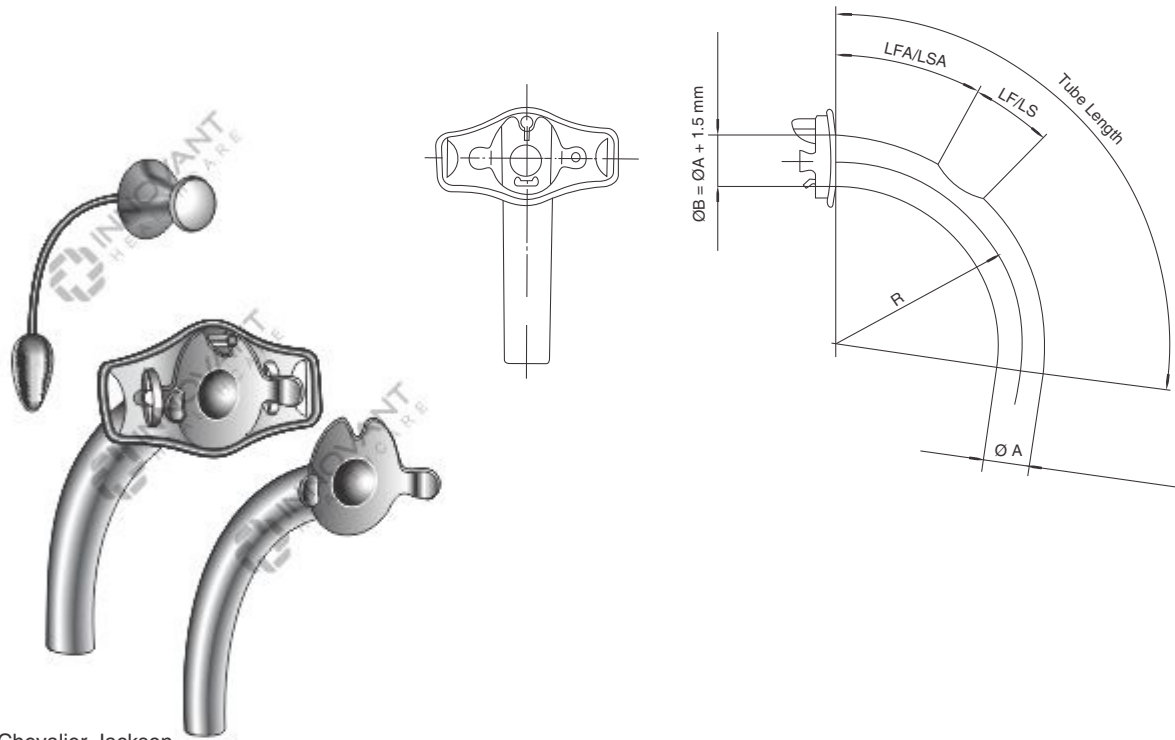
	Radius	Fig	Diameter	Tube Length	Material
AS-1360-03	N	3	7 mm	60 mm	Silver
AS-1361-03					German Silver
AS-1362-03					Stainless Steel
AS-1363-04	N	4	8 mm	65 mm	Silver
AS-1364-04					German Silver
AS-1365-04					Stainless Steel
AS-1366-05	N	5	9 mm	70 mm	Silver
AS-1367-05					German Silver
AS-1368-05					Stainless Steel
AS-1369-06	N	6	10 mm	75 mm	Silver
AS-1370-06					German Silver
AS-1371-06					Stainless Steel
AS-1372-07	N	7	11 mm	80 mm	Silver
AS-1373-07					German Silver
AS-1374-07					Stainless Steel
AS-1375-08	N	8	12 mm	85 mm	Silver
AS-1376-08					German Silver
AS-1377-08					Stainless Steel
AS-1378-09	N	9	13 mm	90 mm	Silver
AS-1379-09					German Silver
AS-1380-09					Stainless Steel
AS-1381-04	M	4	8 mm	95 mm	Silver
AS-1382-05	M	5	9 mm	95 mm	Silver
AS-1383-06	M	6	10 mm	95 mm	Silver
AS-1384-07	M	7	11 mm	95 mm	Silver
AS-1385-08	M	8	12 mm	95 mm	Silver
AS-1386-09	M	9	13 mm	95 mm	Silver



	Radius	Fig	Diameter	Tube Length	Material
AS-1390-03	N	3	7 mm	60 mm	Silver
AS-1391-03					German Silver
AS-1392-03					Stainless Steel
AS-1393-04	N	4	8 mm	65 mm	Silver
AS-1394-04					German Silver
AS-1395-04					Stainless Steel
AS-1396-05	N	5	9 mm	70 mm	Silver
AS-1397-05					German Silver
AS-1398-05					Stainless Steel
AS-1399-06	N	6	10 mm	75 mm	Silver
AS-1400-06					German Silver
AS-1401-06					Stainless Steel
AS-1402-07	N	7	11 mm	80 mm	Silver
AS-1403-07					German Silver
AS-1404-07					Stainless Steel
AS-1405-08	N	8	12 mm	85 mm	Silver
AS-1406-08					German Silver
AS-1407-08					Stainless Steel
AS-1408-09	N	9	13 mm	90 mm	Silver
AS-1409-09					German Silver
AS-1410-09					Stainless Steel
AS-1411-04	M	4	8 mm	95 mm	Silver
AS-1412-05	M	5	9 mm	95 mm	Silver
AS-1413-06	M	6	10 mm	95 mm	Silver
AS-1414-07	M	7	11 mm	95 mm	Silver
AS-1415-08	M	8	12 mm	95 mm	Silver
AS-1416-09	M	9	13 mm	95 mm	Silver

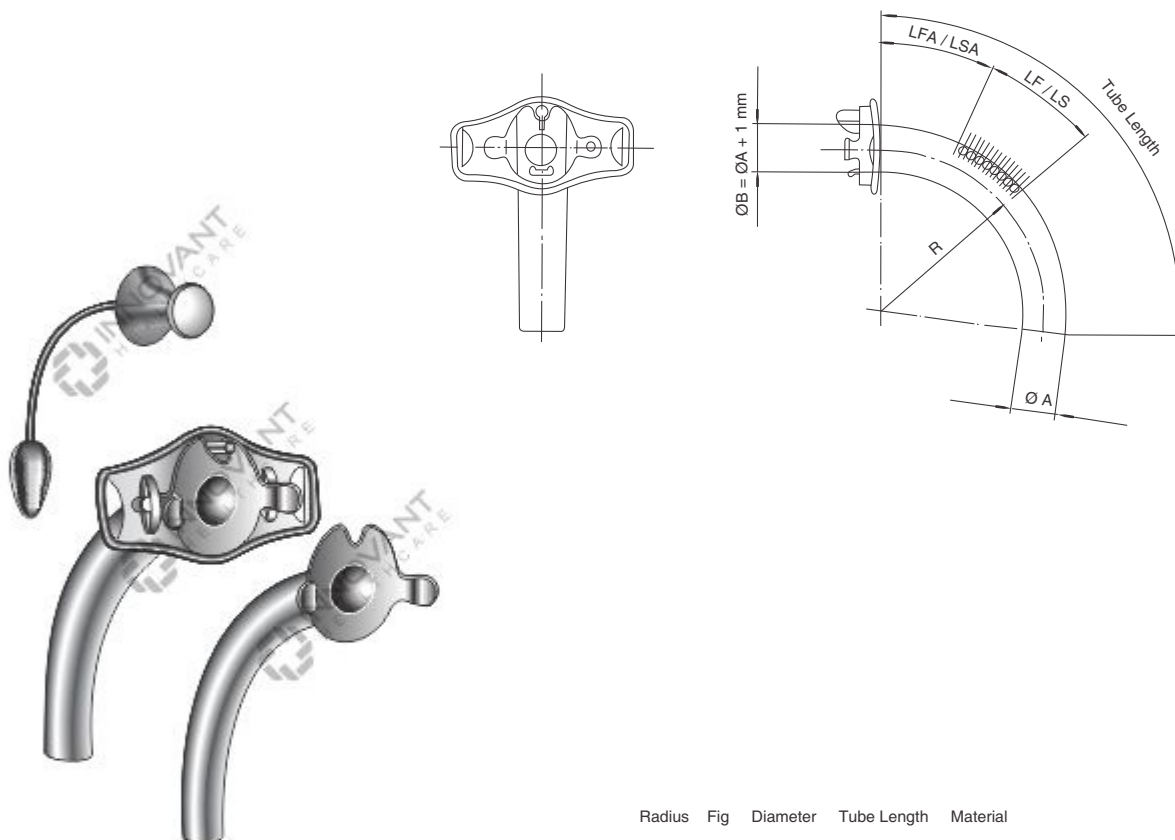


	Radius	Fig	Diameter	Tube Length	Material
AS-1420-00	N	0	4 mm	45 mm	Silver
AS-1421-00					German Silver
AS-1422-00					Stainless Steel
AS-1423-01	N	1	5 mm	50 mm	Silver
AS-1424-01					German Silver
AS-1425-01					Stainless Steel
AS-1426-02	N	2	6 mm	55 mm	Silver
AS-1427-02					German Silver
AS-1428-02					Stainless Steel
AS-1429-03	N	3	7 mm	60 mm	Silver
AS-1430-03					German Silver
AS-1431-03					Stainless Steel
AS-1432-04	N	4	8 mm	65 mm	Silver
AS-1433-04					German Silver
AS-1434-04					Stainless Steel
AS-1435-05	N	5	9 mm	70 mm	Silver
AS-1436-05					German Silver
AS-14AS-15					Stainless Steel
AS-1438-06	N	6	10 mm	75 mm	Silver
AS-1439-06					German Silver
AS-1440-06					Stainless Steel
AS-1441-07	N	7	11 mm	80 mm	Silver
AS-1442-07					German Silver
AS-1443-07					Stainless Steel
AS-1444-08	N	8	12 mm	85 mm	Silver
AS-1445-08					German Silver
AS-1446-08					Stainless Steel
AS-1447-09	N	9	13 mm	90 mm	Silver
AS-1448-09					German Silver
AS-1449-09					Stainless Steel



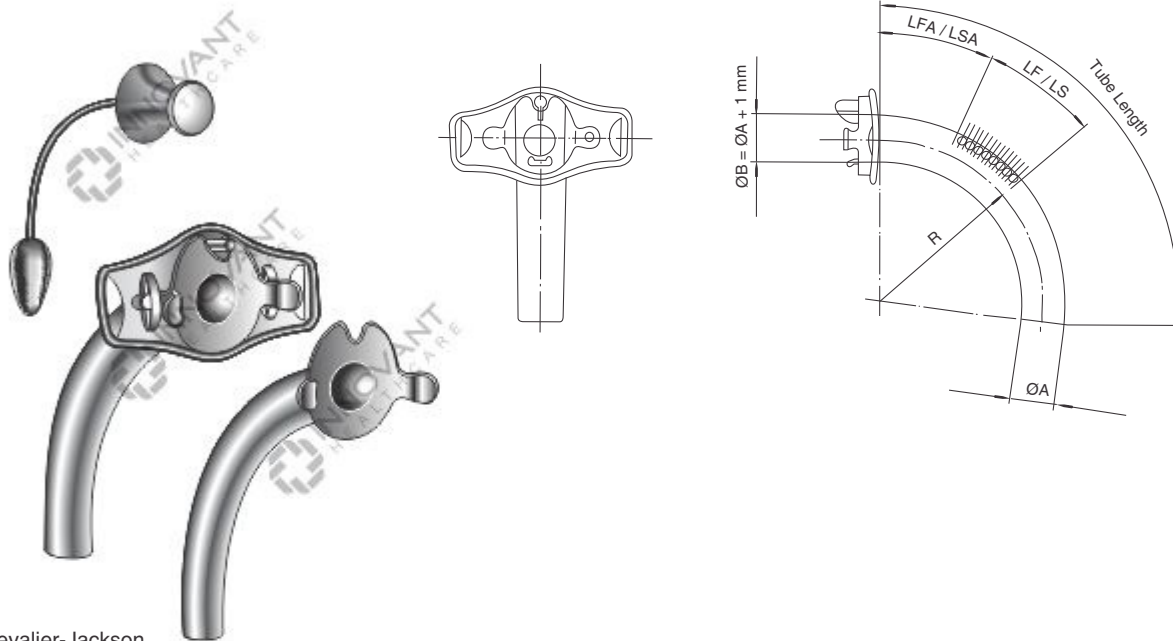
Chevalier-Jackson
Outer Tube Window
Inner Tube Window

	Radius	Fig	Diameter	Tube Length	Material
AS-1455-03	N	3	7 mm	60 mm	Silver
AS-1456-03					German Silver
AS-1457-03					Stainless Steel
AS-1458-04	N	4	8 mm	65 mm	Silver
AS-1459-04					German Silver
AS-1460-04					Stainless Steel
AS-1461-05	N	5	9 mm	70 mm	Silver
AS-1462-05					German Silver
AS-1463-05					Stainless Steel
AS-1464-06	N	6	10 mm	75 mm	Silver
AS-1465-06					German Silver
AS-1466-06					Stainless Steel
AS-1467-07	N	7	11 mm	80 mm	Silver
AS-1468-07					German Silver
AS-1469-07					Stainless Steel
AS-1470-08	N	8	12 mm	85 mm	Silver
AS-1471-08					German Silver
AS-1472-08					Stainless Steel
AS-1473-09	N	9	13 mm	90 mm	Silver
AS-1474-09					German Silver
AS-1475-09					Stainless Steel



Chevalier-Jackson
Outer Tube Sieve
Inner Tube Window

	Radius	Fig	Diameter	Tube Length	Material
AS-1480-03	N	3	7 mm	60 mm	Silver
AS-1481-03					German Silver
AS-1482-03					Stainless Steel
AS-1483-04	N	4	8 mm	65 mm	Silver
AS-1484-04					German Silver
AS-1485-04					Stainless Steel
AS-1486-05	N	5	9 mm	70 mm	Silver
AS-1487-05					German Silver
AS-1488-05					Stainless Steel
AS-1489-06	N	6	10 mm	75 mm	Silver
AS-1490-06					German Silver
AS-1491-06					Stainless Steel
AS-1492-07	N	7	11 mm	80 mm	Silver
AS-1493-07					German Silver
AS-1494-07					Stainless Steel
AS-1495-08	N	8	12 mm	85 mm	Silver
AS-1496-08					German Silver
AS-1497-08					Stainless Steel
AS-1498-09	N	9	13 mm	90 mm	Silver
AS-1499-09					German Silver
AS-1500-09					Stainless Steel

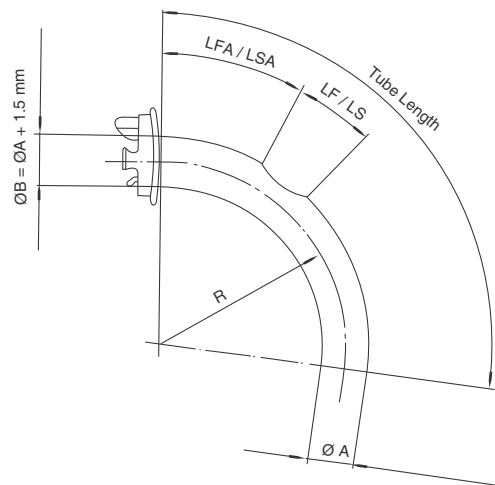
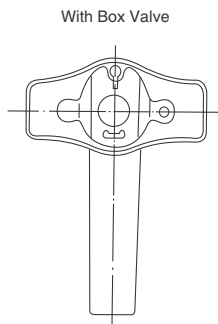


Chevalier-Jackson
Outer Tube Sieve
Inner Tube Sieve

	Radius	Fig	Diameter	Tube Length	Material
AS-1505-03	N	3	7 mm	60 mm	Silver
AS-1506-03					German Silver
AS-1507-03					Stainless Steel
AS-1508-04	N	4	8 mm	65 mm	Silver
AS-1509-04					German Silver
AS-1510-04					Stainless Steel
AS-1511-05	N	5	9 mm	70 mm	Silver
AS-1512-05					German Silver
AS-1513-05					Stainless Steel
AS-1514-06	N	6	10 mm	75 mm	Silver
AS-1515-06					German Silver
AS-1516-06					Stainless Steel
AS-1517-07	N	7	11 mm	80 mm	Silver
AS-1518-07					German Silver
AS-1519-07					Stainless Steel
AS-1520-08	N	8	12 mm	85 mm	Silver
AS-1521-08					German Silver
AS-1522-08					Stainless Steel
AS-1523-09	N	9	13 mm	90 mm	Silver
AS-1524-09					German Silver
AS-1525-09					Stainless Steel



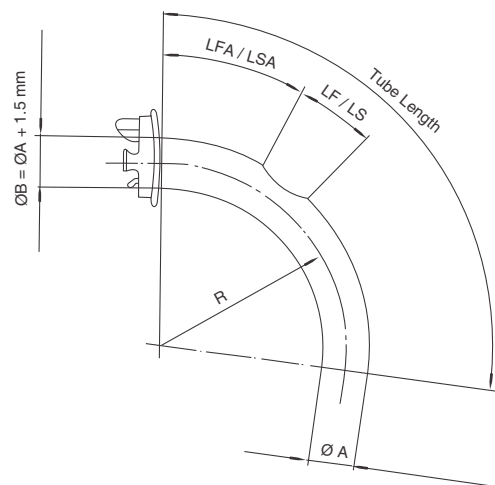
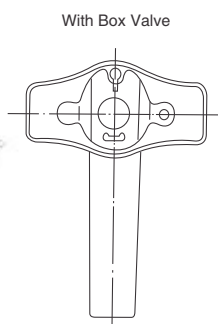
Outer Tube Closed
Inner Tube Closed



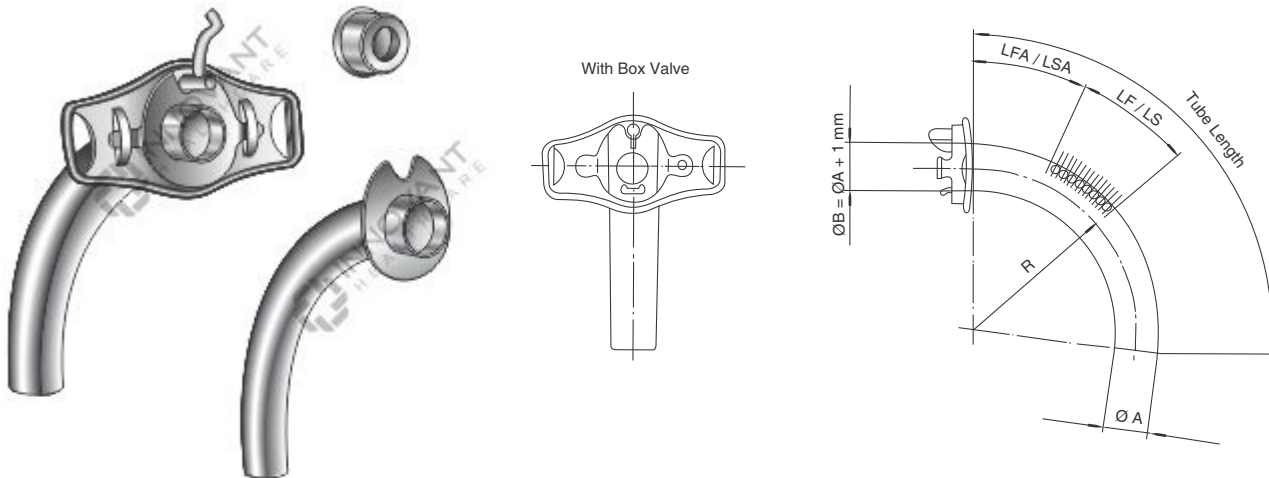
	Radius	Tube Length	Diameter	Material
AS-1530-00	36.5 mm	65 mm	8 mm	German Silver
AS-1531-01	39.0 mm	70 mm	9 mm	German Silver
AS-1532-02	40.5 mm	75 mm	10 mm	German Silver
AS-1533-03	41.5 mm	80 mm	11 mm	German Silver
AS-1534-04	43.0 mm	85 mm	12 mm	German Silver
AS-1535-05	47.5 mm	90 mm	13 mm	German Silver



Outer Tube Window
Inner Tube Window

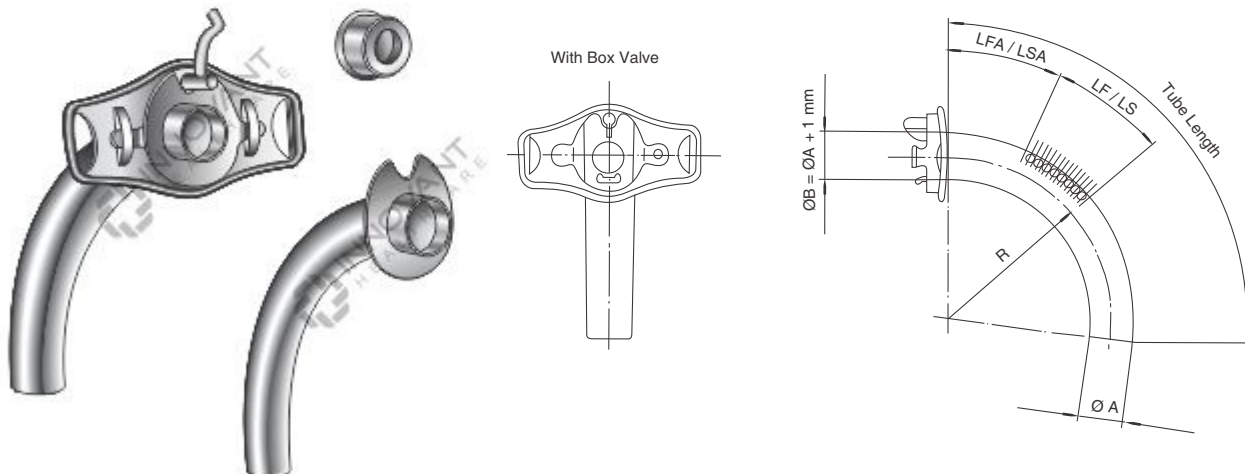


	Radius	Tube Length	Diameter	LFA	LF	Material
AS-1540-00	36.5 mm	65 mm	8 mm	19 mm	12 mm	German Silver
AS-1541-01	39.0 mm	70 mm	9 mm	20 mm	13 mm	German Silver
AS-1542-02	40.5 mm	75 mm	10 mm	21 mm	13.5 mm	German Silver
AS-1543-03	41.5 mm	80 mm	11 mm	22 mm	14 mm	German Silver
AS-1544-04	43.0 mm	85 mm	12 mm	23 mm	15 mm	German Silver
AS-1545-05	47.5 mm	90 mm	13 mm	24 mm	16 mm	German Silver

Outer Tube Sieve
Inner Tube Window

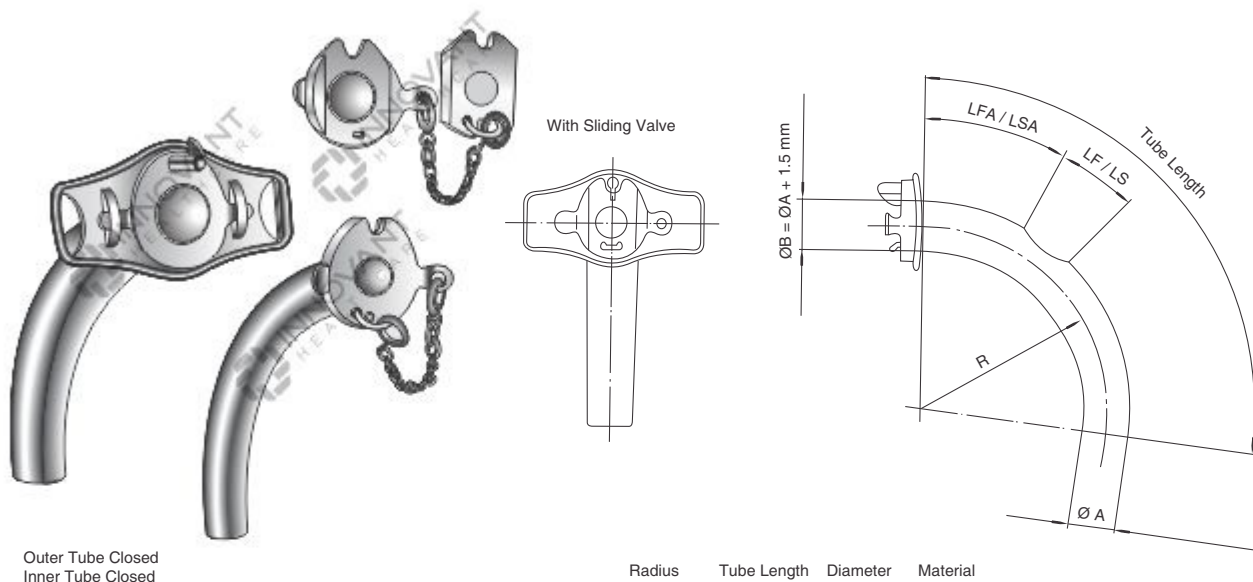
LFA = Distance Of Shield
To Beginning Of Window
LF = Overall Length Of Window
LSA = Distance Of Shield
To Beginning Of Sieve
LS = Length Of Sieve
Ø/O = Diameter Of Hole/Number Of Holes

	Radius	Tube Length	Diameter	LSA	LS	Ø/O	LFA	LF	Material
AS-1550-00	36.5 mm	65 mm	8 mm	15 mm	18 mm	1.7 mm / 16	19 mm	12.0 mm	German Silver
AS-1551-01	39.0 mm	70 mm	9 mm	18 mm	18 mm	1.8 mm / 16	20 mm	13.0 mm	German Silver
AS-1552-02	40.5 mm	75 mm	10 mm	20 mm	20 mm	1.8 mm / 19	21 mm	13.5 mm	German Silver
AS-1553-03	41.5 mm	80 mm	11 mm	21 mm	21 mm	2.0 mm / 19	22 mm	14.0 mm	German Silver
AS-1554-04	43.0 mm	85 mm	12 mm	22 mm	22 mm	2.0 mm / 19	23 mm	15.0 mm	German Silver
AS-1555-05	47.5 mm	90 mm	13 mm	22 mm	22 mm	2.0 mm / 19	24 mm	16.0 mm	German Silver

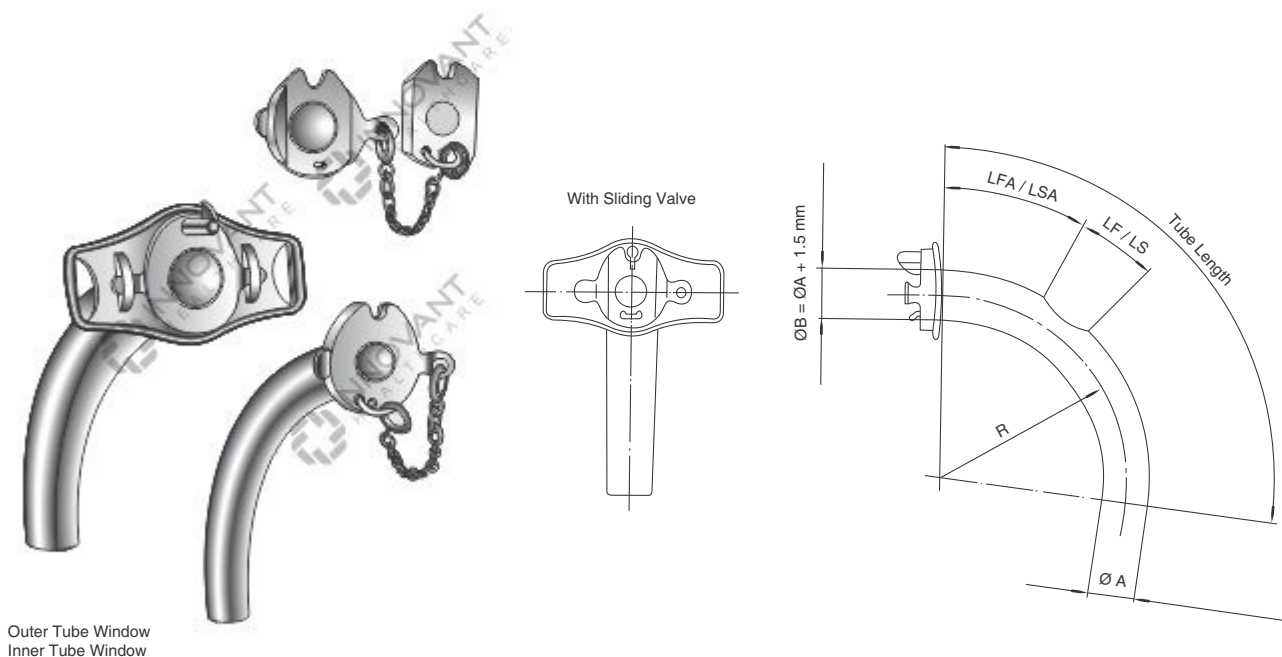
Outer Tube Sieve
Inner Tube Sieve

LFA = Distance Of Shield
To Beginning Of Window
LF = Overall Length Of Window
LSA = Distance Of Shield
To Beginning Of Sieve
LS = Length Of Sieve
Ø/O = Diameter Of Hole/Number Of Holes

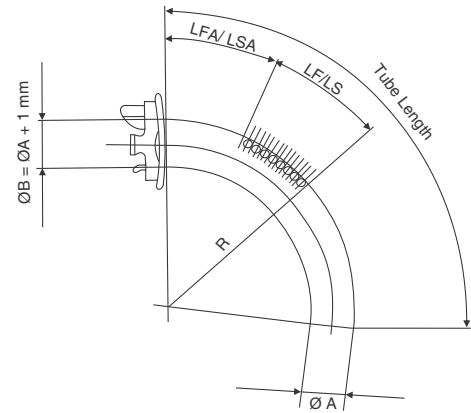
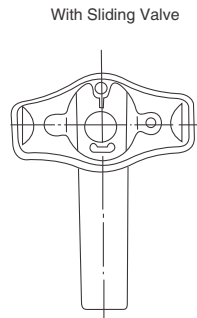
	Radius	Tube Length	Diameter	LSA	LS	Ø/O	Material
AS-1560-00	36.5 mm	65 mm	8 mm	15 mm	18 mm	1.7 mm / 16	German Silver
AS-1561-01	39.0 mm	70 mm	9 mm	18 mm	18 mm	1.8 mm / 16	German Silver
AS-1562-02	40.5 mm	75 mm	10 mm	20 mm	20 mm	1.8 mm / 19	German Silver
AS-1563-03	41.5 mm	80 mm	11 mm	21 mm	21 mm	2.0 mm / 19	German Silver
AS-1564-04	43.0 mm	85 mm	12 mm	22 mm	22 mm	2.0 mm / 19	German Silver
AS-1565-05	47.5 mm	90 mm	13 mm	22 mm	22 mm	2.0 mm / 19	German Silver



AS-1570-00	36.5 mm	65 mm	8 mm	German Silver
AS-1571-01	39.0 mm	70 mm	9 mm	German Silver
AS-1572-02	40.5 mm	75 mm	10 mm	German Silver
AS-1573-03	41.5 mm	80 mm	11 mm	German Silver
AS-1574-04	43.0 mm	85 mm	12 mm	German Silver
AS-1575-05	47.5 mm	90 mm	13 mm	German Silver

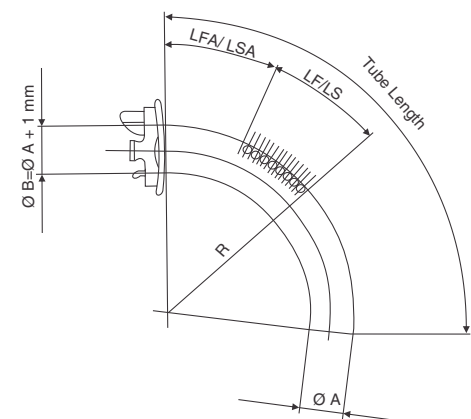
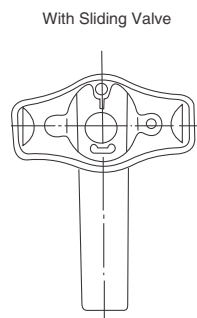


AS-1580-00	36.5 mm	65 mm	8 mm	19 mm	12 mm	German Silver
AS-1581-01	39.0 mm	70 mm	9 mm	20 mm	13 mm	German Silver
AS-1582-02	40.5 mm	75 mm	10 mm	21 mm	13.5 mm	German Silver
AS-1583-03	41.5 mm	80 mm	11 mm	22 mm	14 mm	German Silver
AS-1584-04	43.0 mm	85 mm	12 mm	23 mm	15 mm	German Silver
AS-1585-05	47.5 mm	90 mm	13 mm	24 mm	16 mm	German Silver

Outer Tube Sieve
Inner Tube Window

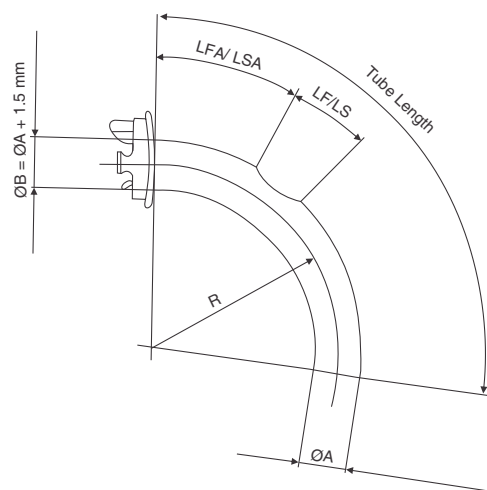
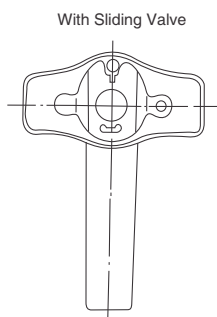
LFA = Distance Of Shield
To Beginning Of Window
LF = Overall Length Of Window
LSA = Distance Of Shield
To Beginning Of Sieve
LS = Length Of Sieve
Ø/O = Diameter Of Hole/Number Of Holes

	Radius	Tube Length	Diameter	LSA	LS	Ø/O	LFA	LF	Material
AS-1590-00	36.5 mm	65 mm	8 mm	15 mm	18 mm	1.7 mm / 16	19 mm	12.0 mm	German Silver
AS-1591-01	39.0 mm	70 mm	9 mm	18 mm	18 mm	1.8 mm / 16	20 mm	13.0 mm	German Silver
AS-1592-02	40.5 mm	75 mm	10 mm	20 mm	20 mm	1.8 mm / 19	21 mm	13.5 mm	German Silver
AS-1593-03	41.5 mm	80 mm	11 mm	21 mm	21 mm	2.0 mm / 19	22 mm	14.0 mm	German Silver
AS-1594-04	43.0 mm	85 mm	12 mm	22 mm	22 mm	2.0 mm / 19	23 mm	15.0 mm	German Silver
AS-1595-05	47.5 mm	90 mm	13 mm	22 mm	22 mm	2.0 mm / 19	24 mm	16.0 mm	German Silver

Outer Tube Sieve
Inner Tube Sieve

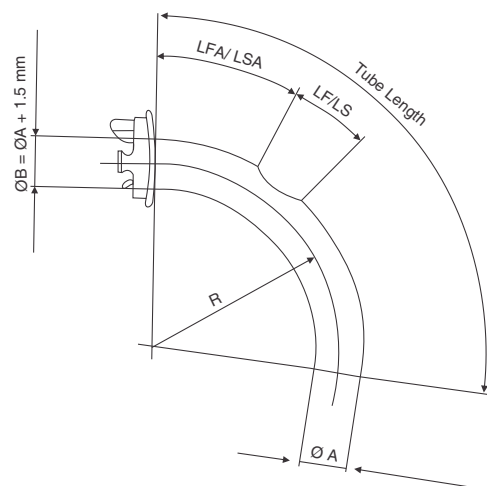
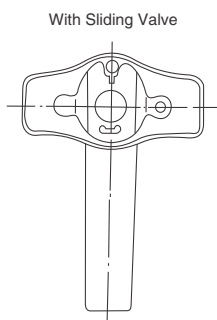
LFA = Distance Of Shield
To Beginning Of Window
LF = Overall Length Of Window
LSA = Distance Of Shield
To Beginning Of Sieve
LS = Length Of Sieve
Ø/O = Diameter Of Hole/Number Of Holes

	Radius	Tube Length	Diameter	LSA	LS	Ø/O	Material
AS-1600-00	36.5 mm	65 mm	8 mm	15 mm	18 mm	1.7 mm / 16	German Silver
AS-1601-01	39.0 mm	70 mm	9 mm	18 mm	18 mm	1.8 mm / 16	German Silver
AS-1602-02	40.5 mm	75 mm	10 mm	20 mm	20 mm	1.8 mm / 19	German Silver
AS-1603-03	41.5 mm	80 mm	11 mm	21 mm	21 mm	2.0 mm / 19	German Silver
AS-1604-04	43.0 mm	85 mm	12 mm	22 mm	22 mm	2.0 mm / 19	German Silver
AS-1605-05	47.5 mm	90 mm	13 mm	22 mm	22 mm	2.0 mm / 19	German Silver



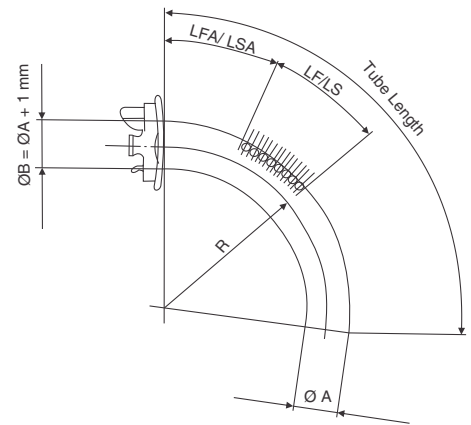
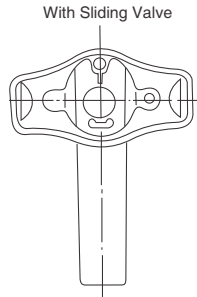
Radius Tube Length Diameter Material

AS-1610-00	36.5 mm	65 mm	8 mm	German Silver
AS-1611-01	39.0 mm	70 mm	9 mm	German Silver
AS-1612-02	40.5 mm	75 mm	10 mm	German Silver
AS-1613-03	41.5 mm	80 mm	11 mm	German Silver
AS-1614-04	43.0 mm	85 mm	12 mm	German Silver
AS-1615-05	47.5 mm	90 mm	13 mm	German Silver



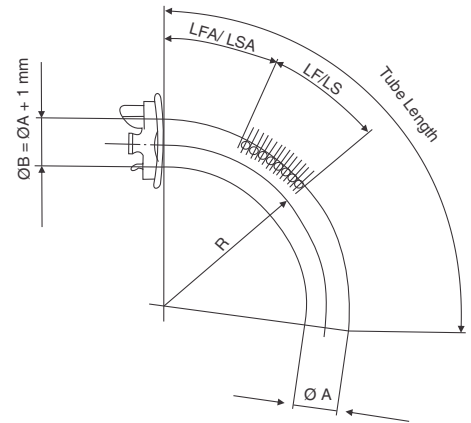
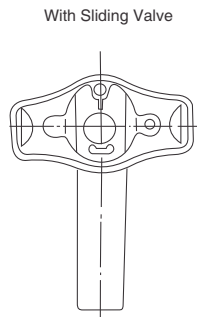
Radius Tube Length Diameter LFA LF Material

AS-1620-00	36.5 mm	65 mm	8 mm	19 mm	12 mm	German Silver
AS-1621-01	39.0 mm	70 mm	9 mm	20 mm	13 mm	German Silver
AS-1622-02	40.5 mm	75 mm	10 mm	21 mm	13.5 mm	German Silver
AS-1623-03	41.5 mm	80 mm	11 mm	22 mm	14 mm	German Silver
AS-1624-04	43.0 mm	85 mm	12 mm	23 mm	15 mm	German Silver
AS-1625-05	47.5 mm	90 mm	13 mm	24 mm	16 mm	German Silver

Outer Tube Sieve
Inner Tube Window

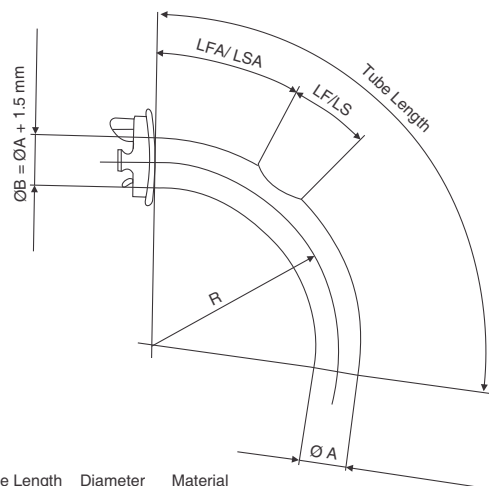
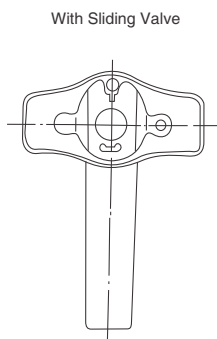
LFA Distance Of Shield
To Beginning Of Window
LF Overall Length Of Window
LSA Distance Of Shield
To Beginning Of Sieve
LS Length Of Sieve
Ø/O Diameter Of Hole/Number Of Holes

	Radius	Tube Length	Diameter	LSA	LS	Ø/O	LFA	LF	Material
AS-1630-00	36.5 mm	65 mm	8 mm	15 mm	18 mm	1.7 mm / 16	19 mm	12.0 mm	Silver
AS-1631-01	39.0 mm	70 mm	9 mm	18 mm	18 mm	1.8 mm / 16	20 mm	13.0 mm	Silver
AS-1632-02	40.5 mm	75 mm	10 mm	20 mm	20 mm	1.8 mm / 19	21 mm	13.5 mm	Silver
AS-1633-03	41.5 mm	80 mm	11 mm	21 mm	21 mm	2.0 mm / 19	22 mm	14.0 mm	Silver
AS-1634-04	43.0 mm	85 mm	12 mm	22 mm	22 mm	2.0 mm / 19	23 mm	15.0 mm	Silver
AS-1635-05	47.5 mm	90 mm	13 mm	22 mm	22 mm	2.0 mm / 19	24 mm	16.0 mm	Silver

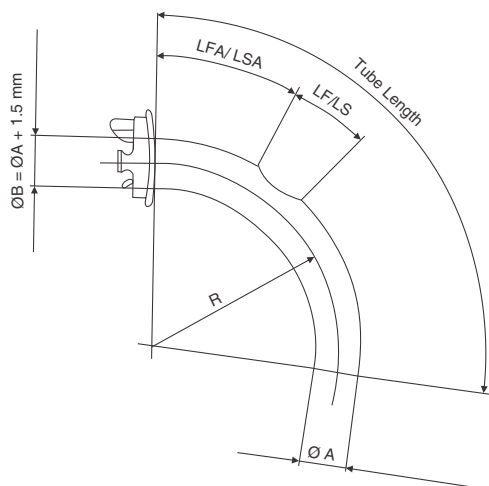
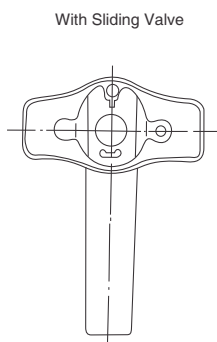
Outer Tube Sieve
Inner Tube Sieve

LFA Distance Of Shield
To Beginning Of Window
LF Overall Length Of Window
LSA Distance Of Shield
To Beginning Of Sieve
LS Length Of Sieve
Ø/O Diameter Of Hole/Number Of Holes

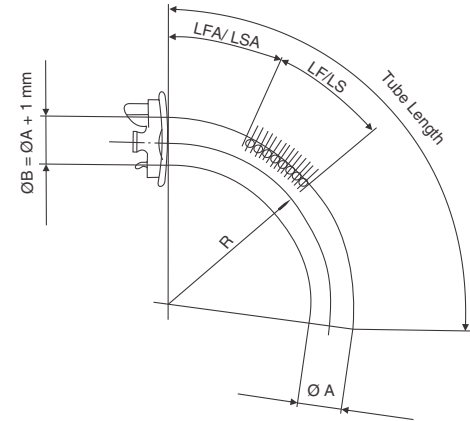
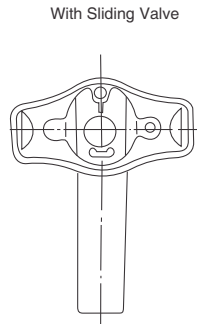
	Radius	Tube Length	Diameter	LSA	LS	Ø/O	Material
AS-1640-00	36.5 mm	65 mm	8 mm	15 mm	18 mm	1.7 mm / 16	Silver
AS-1641-01	39.0 mm	70 mm	9 mm	18 mm	18 mm	1.8 mm / 16	Silver
AS-1642-02	40.5 mm	75 mm	10 mm	20 mm	20 mm	1.8 mm / 19	Silver
AS-1643-03	41.5 mm	80 mm	11 mm	21 mm	21 mm	2.0 mm / 19	Silver
AS-1644-04	43.0 mm	85 mm	12 mm	22 mm	22 mm	2.0 mm / 19	Silver
AS-1645-05	47.5 mm	90 mm	13 mm	22 mm	22 mm	2.0 mm / 19	Silver



	Radius	Tube Length	Diameter	Material
AS-1650-00	50 mm	95 mm	8 mm	Silver
AS-1651-01	50 mm	95 mm	9 mm	Silver
AS-1652-02	50 mm	95 mm	10 mm	Silver
AS-1653-03	50 mm	95 mm	11 mm	Silver
AS-1654-04	50 mm	95 mm	12 mm	Silver
AS-1655-05	50 mm	95 mm	13 mm	Silver

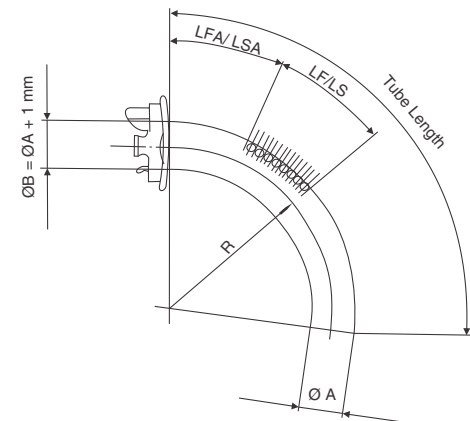
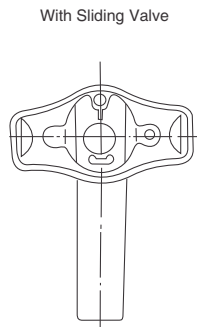


	Radius	Tube Length	Diameter	LFA	LF	Material
AS-1660-00	50 mm	95 mm	8 mm	28 mm	12 mm	Silver
AS-1661-01	50 mm	95 mm	9 mm	28 mm	13 mm	Silver
AS-1662-02	50 mm	95 mm	10 mm	28 mm	13.5 mm	Silver
AS-1663-03	50 mm	95 mm	11 mm	28 mm	14 mm	Silver
AS-1664-04	50 mm	95 mm	12 mm	28 mm	15 mm	Silver
AS-1665-05	50 mm	95 mm	13 mm	28 mm	16 mm	Silver



Outer Tube Sieve
Inner Tube Window

			Radius	Tube Length	Diameter	LSA	LS	Ø/O	LFA	LF	Material
LFA	Distance Of Shield To Beginning Of Window	AS-1670-00	50 mm	95 mm	8 mm	28 mm	18 mm	1.7 mm / 16	28 mm	12.0 mm	Silver
LF	Overall Length Of Window	AS-1671-01	50 mm	95 mm	9 mm	28 mm	18 mm	1.8 mm / 16	28 mm	13.0 mm	Silver
LSA	Distance Of Shield To Beginning Of Sieve	AS-1672-02	50 mm	95 mm	10 mm	28 mm	20 mm	1.8 mm / 19	28 mm	13.5 mm	Silver
LS	Length Of Sieve	AS-1673-03	50 mm	95 mm	11 mm	28 mm	21 mm	2.0 mm / 19	28 mm	14.0 mm	Silver
Ø/O	Diameter Of Hole/Number Of Holes	AS-1674-04	50 mm	95 mm	12 mm	28 mm	22 mm	2.0 mm / 19	28 mm	15.0 mm	Silver
		AS-1675-05	50 mm	95 mm	13 mm	28 mm	22 mm	2.0 mm / 19	28 mm	16.0 mm	Silver



Outer Tube Sieve
Inner Tube Sieve

			Radius	Tube Length	Diameter	LSA	LS	Ø/O	Material
LFA	Distance Of Shield To Beginning Of Window	AS-1680-00	50 mm	95 mm	8 mm	28 mm	18 mm	1.7 mm / 16	Silver
LF	Overall Length Of Window	AS-1681-01	50 mm	95 mm	9 mm	28 mm	18 mm	1.8 mm / 16	Silver
LSA	Distance Of Shield To Beginning Of Sieve	AS-1682-02	50 mm	95 mm	10 mm	28 mm	20 mm	1.8 mm / 19	Silver
LS	Length Of Sieve	AS-1683-03	50 mm	95 mm	11 mm	28 mm	21 mm	2.0 mm / 19	Silver
Ø/O	Diameter Of Hole/Number Of Holes	AS-1684-04	50 mm	95 mm	12 mm	28 mm	22 mm	2.0 mm / 19	Silver
		AS-1685-05	50 mm	95 mm	13 mm	28 mm	22 mm	2.0 mm / 19	Silver



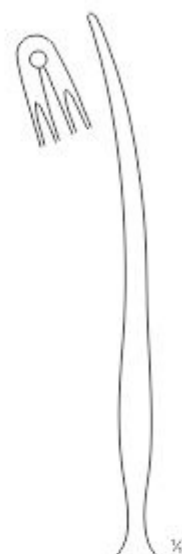
Kocher



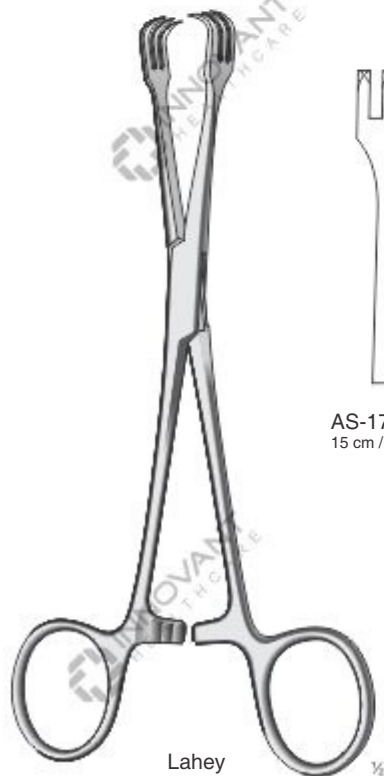
AS-1690-15 15 cm / 6"
 AS-1691-16 16 cm / 6¼"



AS-1692-15 15 cm / 6"
 AS-1693-16 16 cm / 6¼"



AS-1694-18
 18 cm / 7"



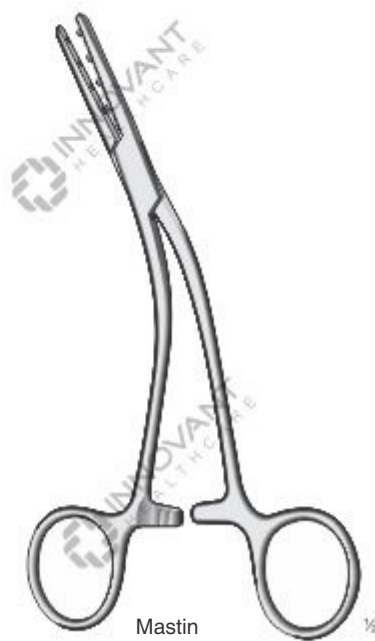
Lahey



AS-1700-15
 15 cm / 6"



AS-1701-20
 20 cm / 8"

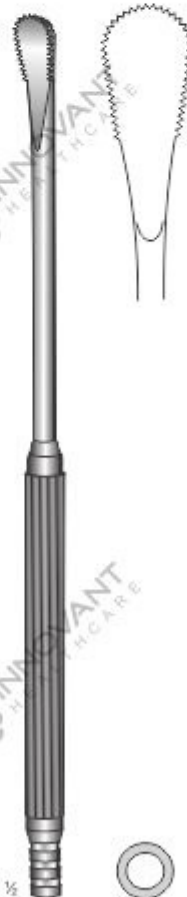
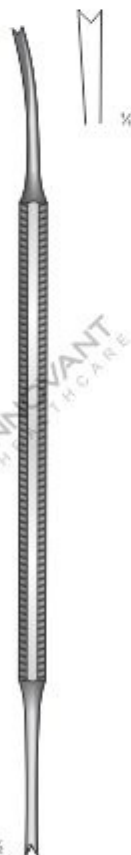


Mastin
 AS-1705-17
 17 cm / 6¾"





Hurd
22.5 cm / 9"

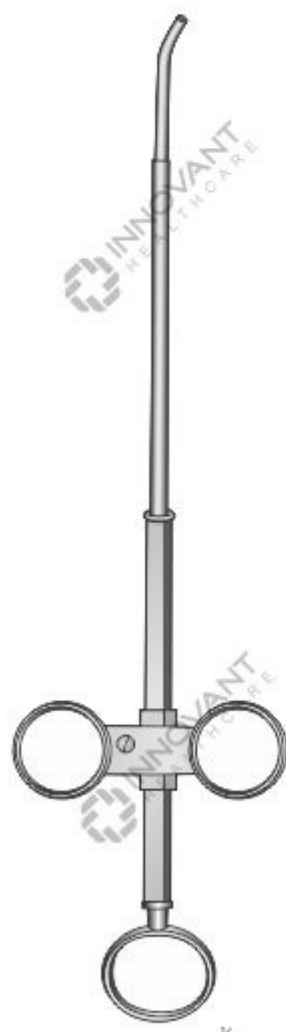




Love
 AS-1765-18 18 mm
 AS-1766-20 20 mm
 AS-1767-22 22 mm



Haslinger
 AS-1775-17
 17 cm / 6½"



Röder
 AS-1780-26
 26.5 cm / 10½"



Hofer
 AS-1785-24
 24 cm / 9½"



Nager
 AS-1790-23
 23 cm / 9"



White
AS-1795-18 18 cm / 7"
AS-1796-23 23 cm / 9"



AS-1800-19
Straight



AS-1801-19
Curved

Colver
19 cm / 7½"



Museux
AS-1805-20
20 cm / 8"



Blohmke
AS-1810-20
20 cm / 8"



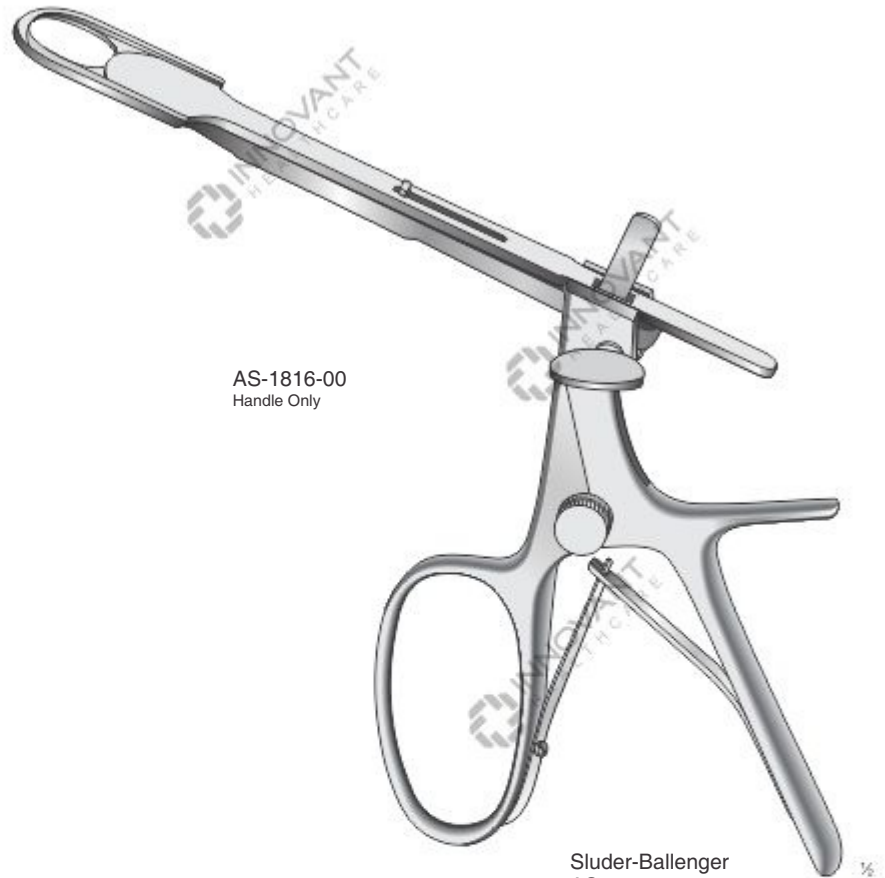
AS-1817-00
Fig. 1



AS-1818-02
Fig. 2



AS-1819-03
Fig. 3



AS-1816-00
Handle Only

Sluder-Ballenger
AS-1815-00
Complete With 3 Tips



Corwin
AS-1825-14
14 cm / 5½"



Eves
AS-1830-28
28 cm / 11"



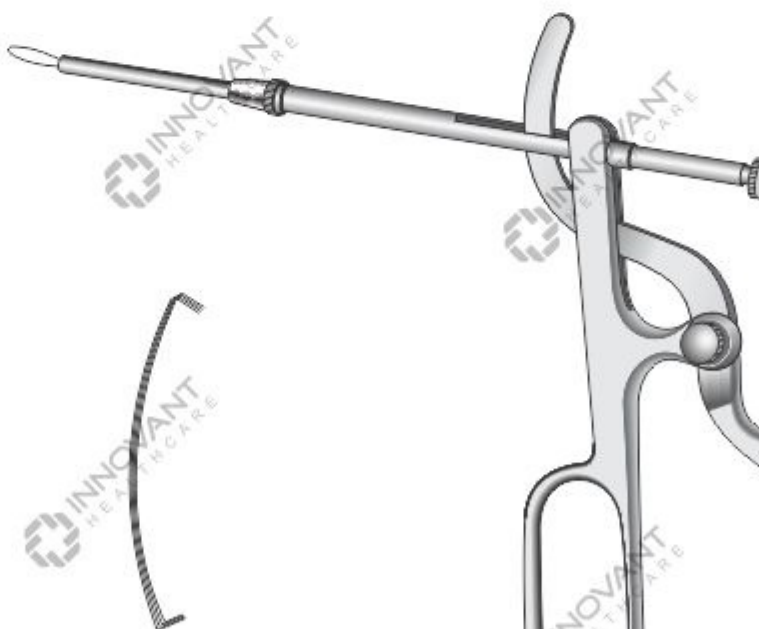
Eves
AS-1835-28
28 cm / 11"



Bruenings
AS-1840-28
28 cm / 11"



AS-1845-40 40 mm
AS-1846-50 50 mm
Pack Of 100



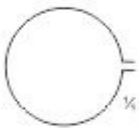
AS-1850-03
0.3 mm
Pack Of 12



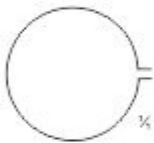
Tyding
AS-1855-00



AS-1860-13
13 mm Ø



AS-1861-15
15 mm Ø



AS-1862-17
17 mm Ø



AS-1870-01
Fig. 1



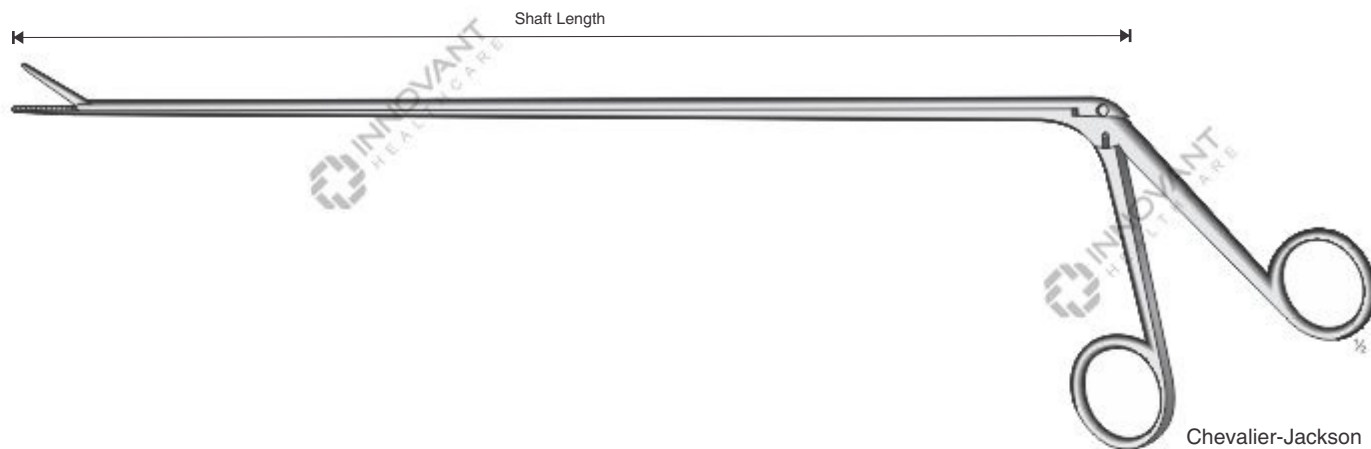
AS-1871-02
Fig. 2



AS-1872-03
Fig. 3



Schmeden



Shaft Length
AS-1880-30 30 cm / 12"
AS-1881-40 40 cm / 16"
AS-1882-50 50 cm / 20"
AS-1883-60 60 cm / 24"



Shaft Length
AS-1890-30 30 cm / 12"
AS-1891-40 40 cm / 16"
AS-1892-50 50 cm / 20"
AS-1893-60 60 cm / 24"



Shaft Length
AS-1900-30 30 cm / 12"
AS-1901-40 40 cm / 16"
AS-1902-50 50 cm / 20"
AS-1903-60 60 cm / 24"



Shaft Length
AS-1910-30 30 cm / 12"
AS-1911-40 40 cm / 16"
AS-1912-50 50 cm / 20"
AS-1913-60 60 cm / 24"



Shaft Length
AS-1920-30 30 cm / 12"
AS-1921-40 40 cm / 16"
AS-1922-50 50 cm / 20"
AS-1923-60 60 cm / 24"



Shaft Length
AS-1930-30 30 cm / 12"
AS-1931-40 40 cm / 16"
AS-1932-50 50 cm / 20"
AS-1933-60 60 cm / 24"



Shaft Length
AS-1940-30 30 cm / 12"
AS-1941-40 40 cm / 16"
AS-1942-50 50 cm / 20"
AS-1943-60 60 cm / 24"



Shaft Length
AS-1950-30 30 cm / 12"
AS-1951-40 40 cm / 16"
AS-1952-50 50 cm / 20"
AS-1953-60 60 cm / 24"



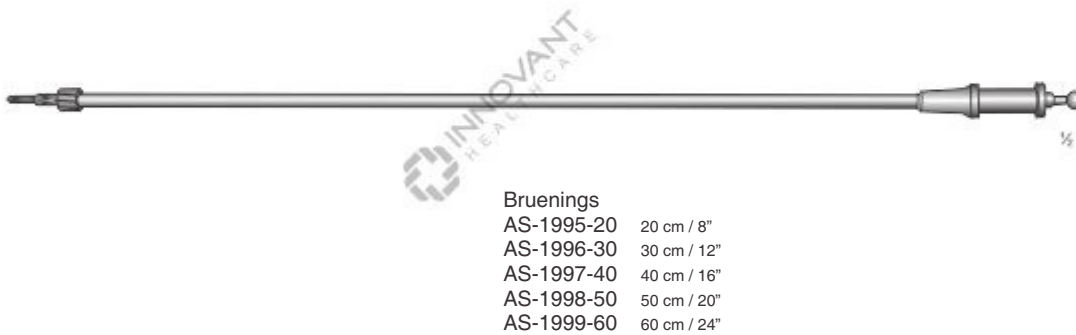
Shaft Length
AS-1960-30 30 cm / 12"
AS-1961-40 40 cm / 16"
AS-1962-50 50 cm / 20"
AS-1963-60 60 cm / 24"



Shaft Length
AS-1970-30 30 cm / 12"
AS-1971-40 40 cm / 16"
AS-1972-50 50 cm / 20"
AS-1973-60 60 cm / 24"



Shaft Length
AS-1980-30 30 cm / 12"
AS-1981-40 40 cm / 16"
AS-1982-50 50 cm / 20"
AS-1983-60 60 cm / 24"





Fraenkel
AS-2010-00



Seiffert
AS-2015-00



Fraenkel
AS-2020-00



Scheinmann
AS-2025-00



Scheinmann
AS-2030-00



Bruenings
AS-2035-01

AS-2036-02

AS-2037-03



Bruenings
AS-2045-01

AS-2046-02



Lange
AS-2050-00



Krause
AS-2055-01

AS-2056-02



Krause
AS-2060-00



Cordes
AS-2065-01

AS-2066-02

AS-2067-03

AS-2068-04



Schumacher
AS-2070-00



Cordes
AS-2075-01

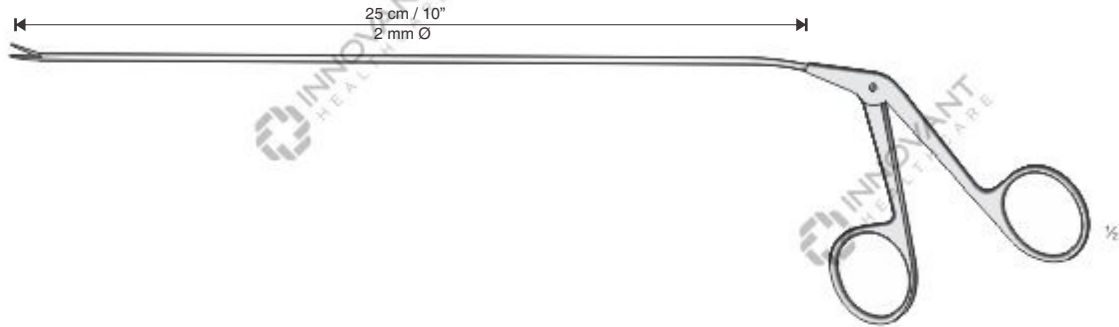
AS-2076-02



Cordes
AS-2080-00



Rosenberg
AS-2085-00



AS-2090-01
Straight
Fig. 1



AS-2091-02
Curved Upward
Fig. 2



AS-2092-03
Curved Downward
Fig. 3



AS-2100-01
Straight
Fig. 1



AS-2101-02
Curved Upward
Fig. 2



AS-2102-03
Curved Downward
Fig. 3



AS-2110-01
Straight
Fig. 1



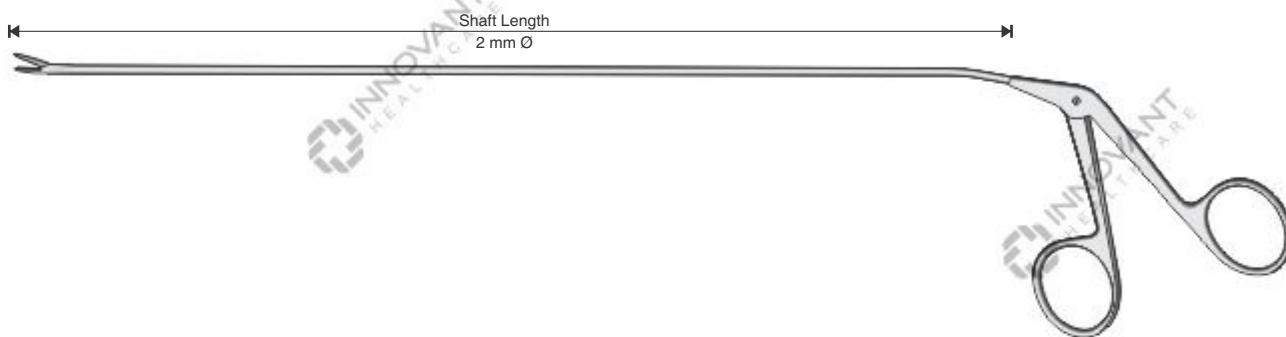
AS-2111-02
Curved Upward
Fig. 2



AS-2112-03
Right Curved
Fig. 3



AS-2113-04
Left Curved
Fig. 4



AS-2120-30 30 cm / 12"
AS-2121-35 35 cm / 14"



AS-2125-30 30 cm / 12"
AS-2126-35 35 cm / 14"



AS-2130-30 30 cm / 12"
AS-2131-35 35 cm / 14"



AS-2135-30 30 cm / 12"
AS-2136-35 35 cm / 14"



AS-2140-40 40 cm / 16"
AS-2141-45 45 cm / 18"
AS-2142-50 50 cm / 20"
AS-2143-55 55 cm / 22"
AS-2144-60 60 cm / 24"



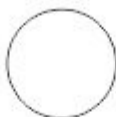
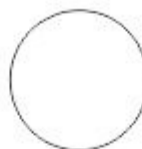
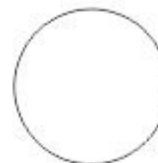
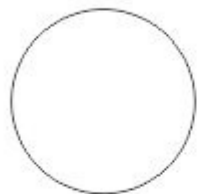
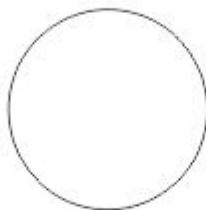
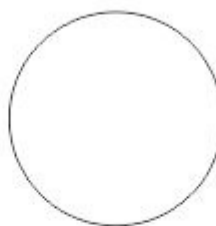
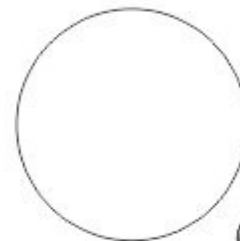
AS-2150-40 40 cm / 16"
AS-2151-45 45 cm / 18"
AS-2152-50 50 cm / 20"
AS-2153-55 55 cm / 22"
AS-2154-60 60 cm / 24"



AS-2160-40 40 cm / 16"
AS-2161-45 45 cm / 18"
AS-2162-50 50 cm / 20"
AS-2163-55 55 cm / 22"
AS-2164-60 60 cm / 24"



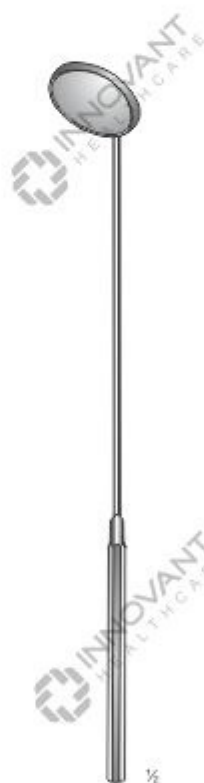
AS-2170-40 40 cm / 16"
AS-2171-45 45 cm / 18"
AS-2172-50 50 cm / 20"
AS-2173-55 55 cm / 22"
AS-2174-60 60 cm / 24"

8 mm
Fig. 0010 mm
Fig. 012 mm
Fig. 114 mm
Fig. 216 mm
Fig. 318 mm
Fig. 420 mm
Fig. 522 mm
Fig. 624 mm
Fig. 726 mm
Fig. 828 mm
Fig. 930 mm
Fig. 10

AS-2180-00


AS-2185-00
AS-2186-00
AS-2187-01
AS-2188-02
AS-2189-03
AS-2190-04
AS-2191-05
AS-2192-06
AS-2193-07
AS-2194-08
AS-2195-09
AS-2196-10

Fig.	mm Ø
00	8
0	10
1	12
2	14
3	16
4	18
5	20
6	22
7	24
8	26
9	28
10	30


AS-2200-00
AS-2201-00
AS-2202-01
AS-2203-02
AS-2204-03
AS-2205-04
AS-2206-05
AS-2207-06
AS-2208-07
AS-2209-08
AS-2210-09
AS-2211-10

Michel
AS-2215-12 12 mm
AS-2216-14 14 mm
AS-2217-16 16 mm
AS-2218-18 18 mm



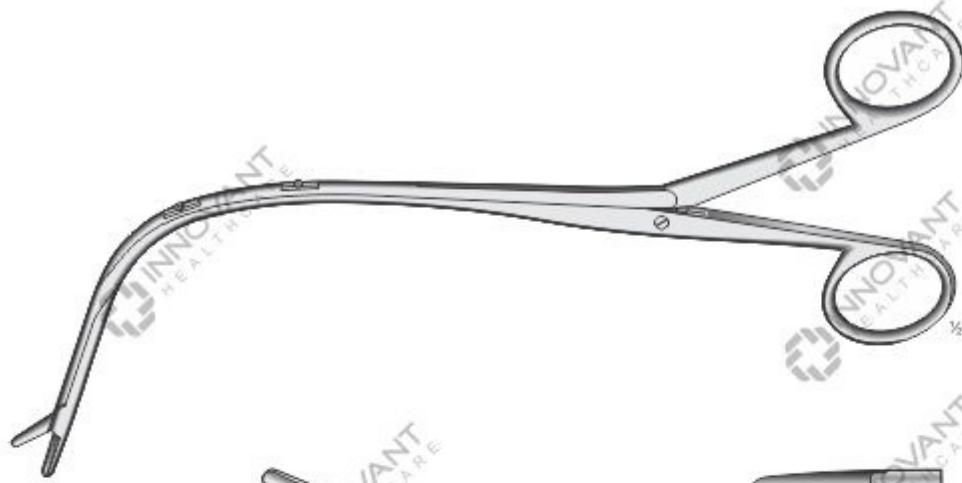
Fraenkel
AS-2225-18
18 cm / 7"



Reichert
AS-2230-24
24 cm / 9½"



Killian
AS-2235-20
20 cm / 8"



Jurasz
 23 cm / 9"



AS-2240-01
 Right
 Fig. 1



AS-2242-03
 Downward
 Fig. 3



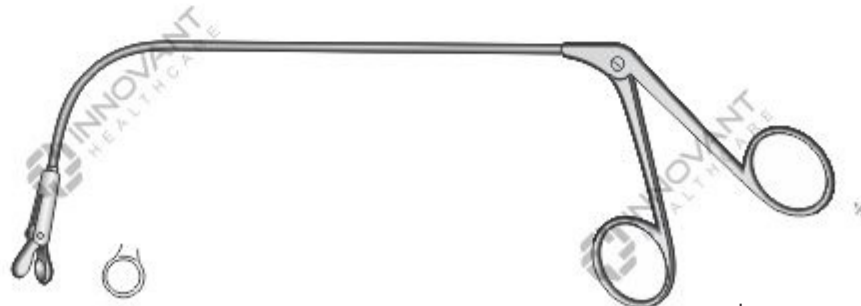
AS-2241-02
 Left
 Fig. 2



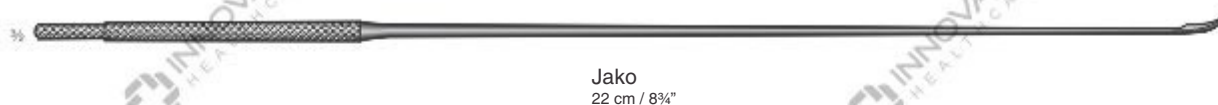
AS-2243-04
 Upward
 Fig. 4



Fraenkel
 AS-2250-26
 26.5 cm / 10½"



Lange
 AS-2255-26
 26.5 cm / 10½"



AS-2260-01
Fig. 1



AS-2261-02
Fig. 2



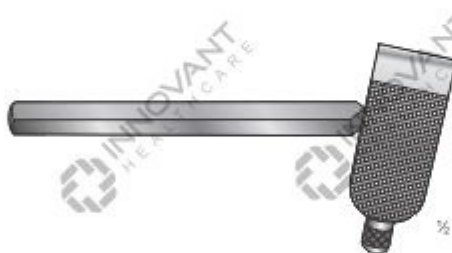
AS-2262-03
Fig. 3



AS-2263-04
Fig. 4



Kleinsasser
AS-2270-00
23 cm / 9"
Handle only



AS-2271-01
Fig. 1



AS-2275-05
Fig. 5



AS-2272-02
Fig. 2



AS-2276-06
Fig. 6



AS-2273-03
Fig. 3



AS-2277-07
Fig. 7



AS-2274-04
Fig. 4



AS-2278-08
Fig. 8



AS-2279-09
Fig. 9



Heermann
AS-2285-00