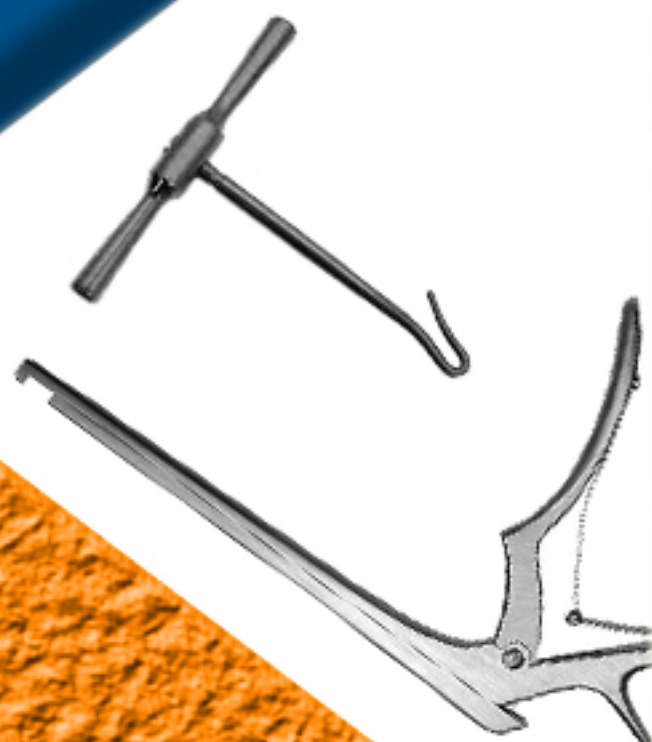
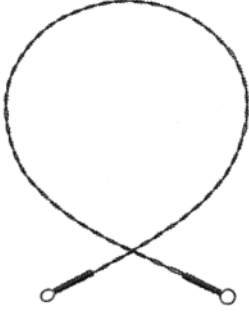




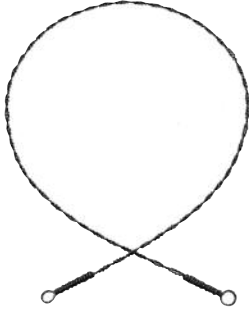
BEYİN CERRAHİ
NEUROSURGERY



2 tel bükülü
2 wires twisted

OLIVECRONA

MS 111-101	30,0 cm / 12"
MS 111-102	40,0 cm / 16"
MS 111-103	50,0 cm / 20"
MS 111-104	60,0 cm / 24"
MS 111-105	70,0 cm / 28"



6 tel bükülü
6 wires twisted

GIGLI

MS 111-110	30,0 cm / 12"
MS 111-111	40,0 cm / 16"
MS 111-112	50,0 cm / 20"

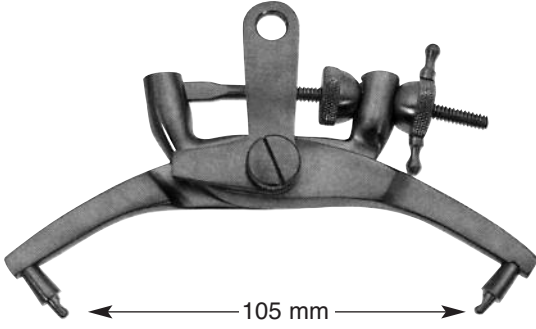


GIGLI

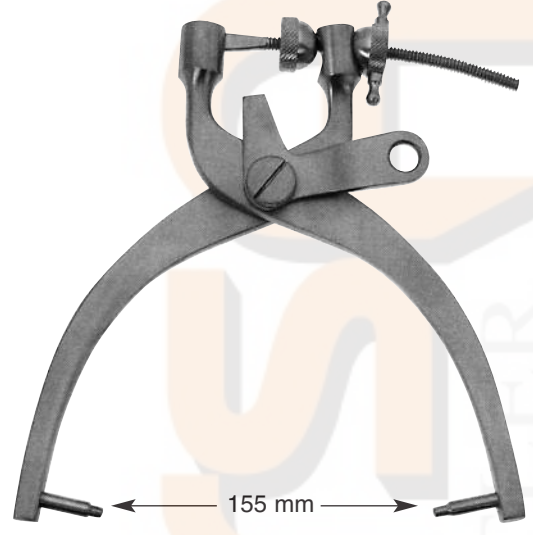
MS 111-120	7,0 cm / 2 1/4"
-------------------	-----------------

DE MARTEL

MS 111-125	33,0 cm / 13"
-------------------	---------------



CRUTCHFIELD
MS 111-130



CRUTCHFIELD
MS 111-131



MS 111-141
Yedek pin
Spare pin

MS 111-140



CRUTHFIELD
MS 111-135 Ø 3,5 mm



CRUTHFIELD
MS 111-136 Ø 5,0 mm



DAHLGREN

MS 111-150 20,0 cm / 8"



MS 111-151



DE VILBISS

MS 111-152 21,0 cm / 8 1/4"



Fig. 4

MS 111-153



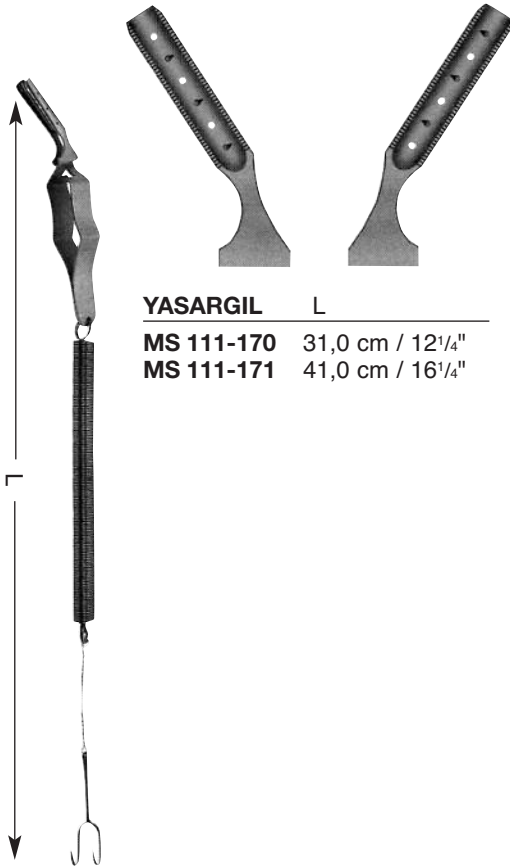
Fig. 5

MS 111-154



CONE

MS 111-155 22,5 cm / 9"



RANEY

MS 111-160 16,0 cm / 6 1/4"



LEYLA

MS 111-180

Komple Set (1 Kol):
1 Flexible kol (MS 111-182)
1 Kol için 1 sabitleme tabanı (MS 111-183)
Yassı Spatula için 1 destek (MS 111-187)

Complete:
1 Flexible arm (MS 111-182)
1 Fixation base for 1 arm (MS 111-183)
1 Support for flat brain spatulas (MS 111-187)

LEYLA

MS 111-181

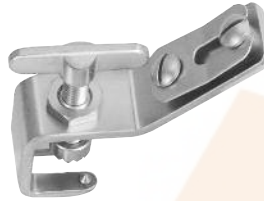
Komple Set (2 Kol):
2 Flexible kol (MS 111-182)
2 Kol için 1 sabitleme tabanı (MS 111-184)
Yassı Spatula için 2 destek (MS 111-187)

Complete:
2 Flexible arms (MS 111-182)
1 Fixation base for 2 arms (MS 111-184)
2 Supports for flat brain spatulas (MS 111-187)



LEYLA

MS 111-182



LEYLA

MS 111-183



LEYLA

MS 111-184



LEYLA

MS 111-185



LEYLA

MS 111-186



LEYLA

MS 111-187



LEYLA

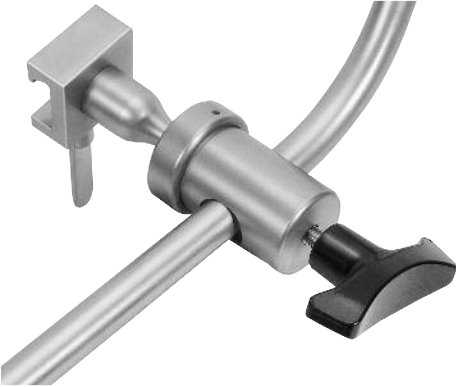
MS 111-188

Komple Set (1 Flexible kol), Complete

LEYLA

MS 111-189

Komple Set (2 Flexible kol), Complete



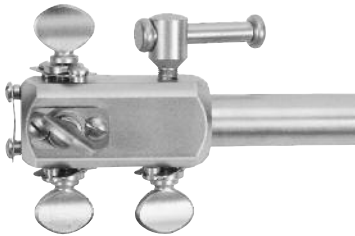
LEYLA

MS 111-190



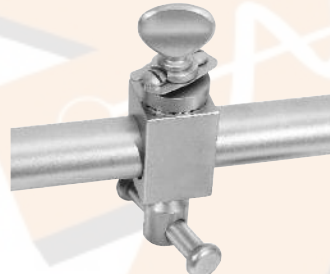
LEYLA

MS 111-191



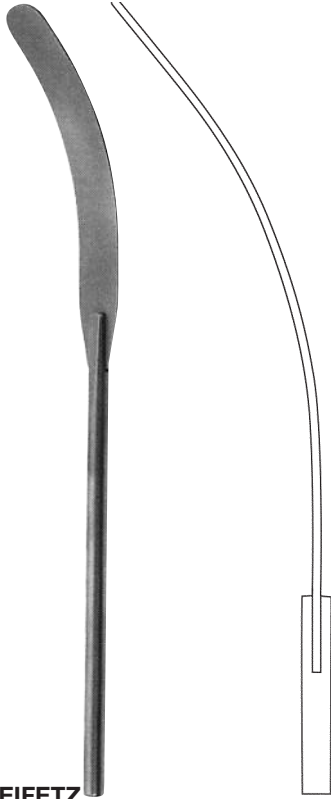
LEYLA

MS 111-192



LEYLA

MS 111-193


HEIFETZ

MS 111-200	8 x 200 mm
MS 111-201	11 x 200 mm
MS 111-202	14 x 200 mm
MS 111-203	17 x 200 mm
MS 111-204	20 x 200 mm


HEIFETZ

MS 111-220	8 x 155mm
MS 111-221	11 x 155 mm
MS 111-222	14 x 155 mm
MS 111-223	17 x 155 mm



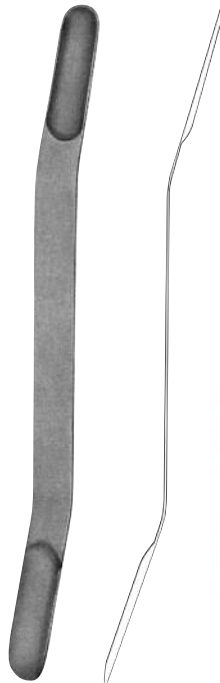
esnek
malleable

DAVIS

MS 111-230	13 x 190 mm
MS 111-231	16 x 190 mm



yumuşak / tırtıklı
malleable / serrated


OLIVECRONA

MS 111-250	7+ 9 mm x 180 mm
MS 111-251	11+13 mm x 180 mm
MS 111-252	15+18 mm x 180 mm
MS 111-253	19+21 mm x 180 mm


OLIVECRONA

MS 111-260	7+ 9 mm x 180 mm
MS 111-261	11+13 mm x 180 mm
MS 111-262	15+18 mm x 180 mm
MS 111-263	19+21 mm x 180 mm

MS 111-240	9 x 200 mm
MS 111-241	12 x 200 mm



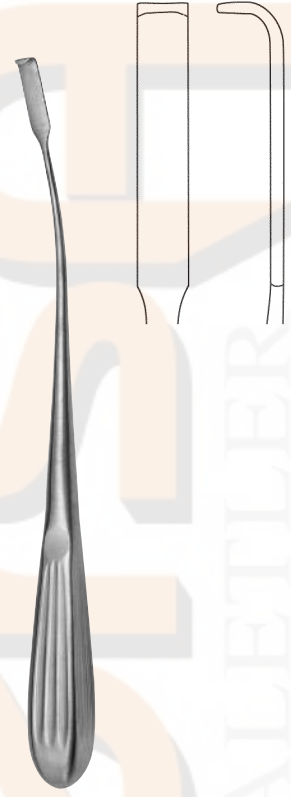
SCOVILLE

MS 111-270 23,0 cm / 9"



SCOVILLE

MS 111-271 20,0 cm / 8"



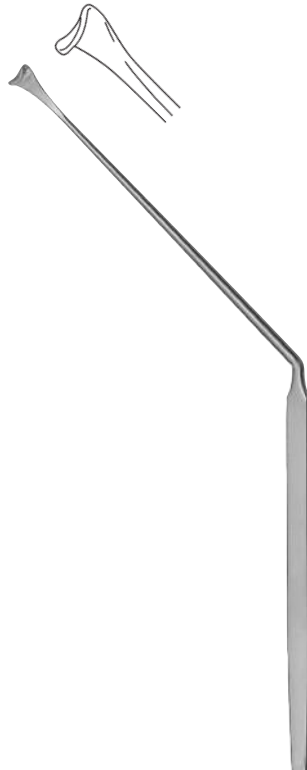
HOLSHER

MS 111-272 24,0 cm / 9½"



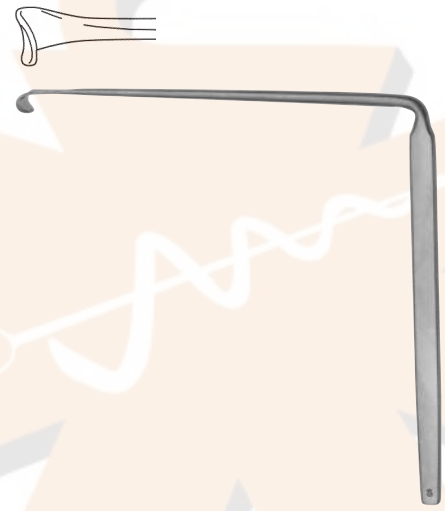
LOVE

MS 111-273 19,0 cm / 7½"



LOVE

MS 111-274 18,0 cm / 7"

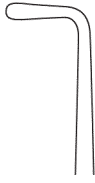


LOVE

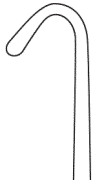
MS 111-275 14,0 cm / 5½"



GRONINGEN
26,0 cm / 10¹/₄"



MS 111-290



MS 111-291



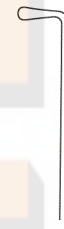
CUSHING

MS 111-300	19,0 cm / 7 ¹ / ₂ "
MS 111-301	28,0 cm / 11"



CUSHING

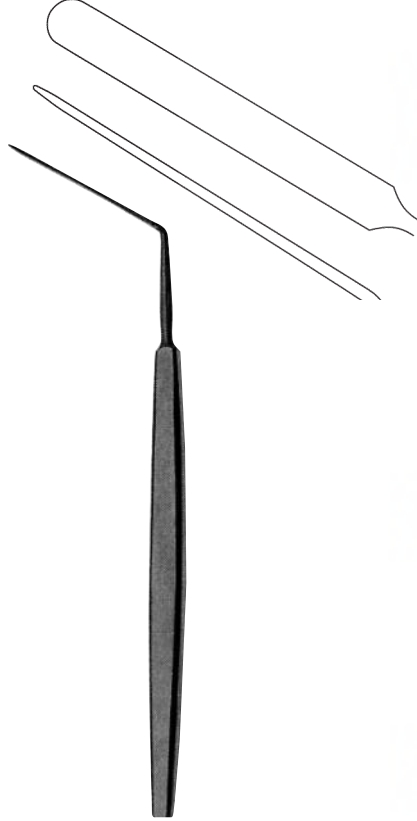
MS 111-305	19,0 cm / 7 ¹ / ₂ "
MS 111-306	28,0 cm / 11"





DANDY

MS 111-320 20,0 cm / 8¹/₂"



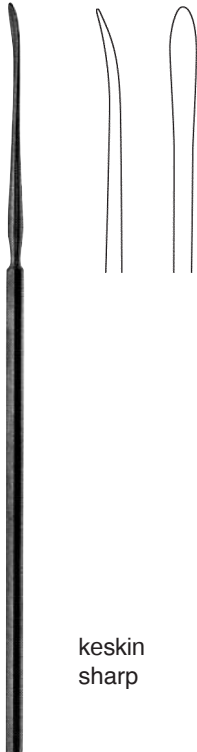
HORSLEY

MS 111-321 20,0 cm / 7¹/₄"



SACHS

MS 111-322 21,0 cm / 9"



keskin
sharp

SACHS

MS 111-323 21,0 cm / 8"



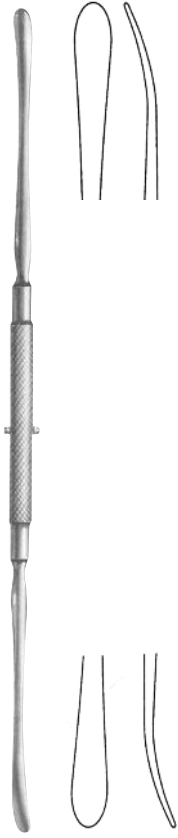
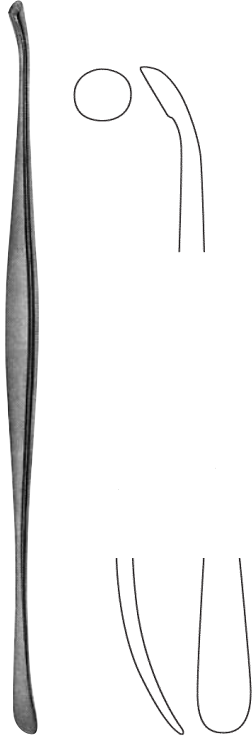
FRAZIER

MS 111-324 16,5 cm / 6¹/₂"



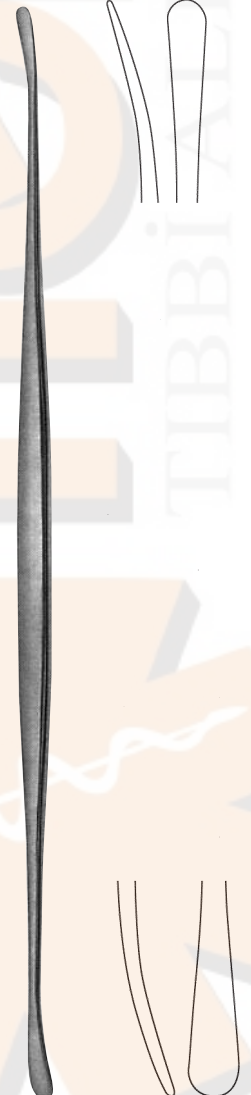
MILLIGAN

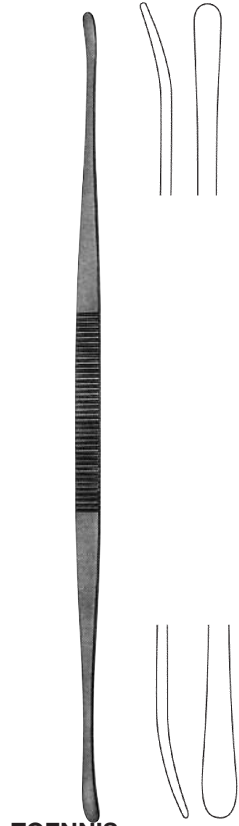
MS 111-325 21,0 cm / 8¹/₄"

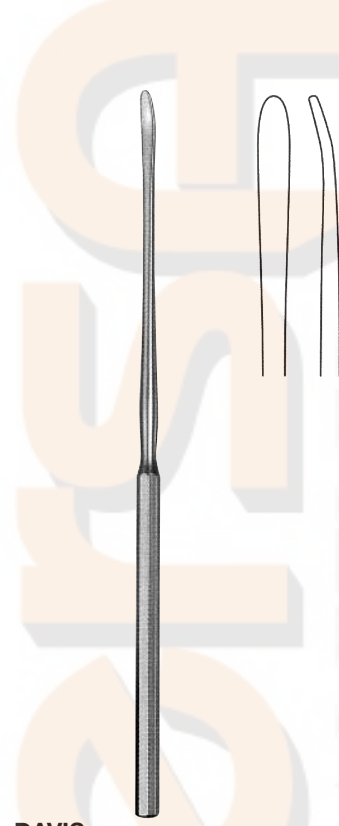

DAVIS
MS 111-326 24,5 cm / 9²/₃"

PENFIELD
MS 111-327 17,5 cm / 7"

PENFIELD
MS 111-328 19,5 cm / 7³/₄"

PENFIELD
MS 111-329 19,5 cm / 7³/₄"

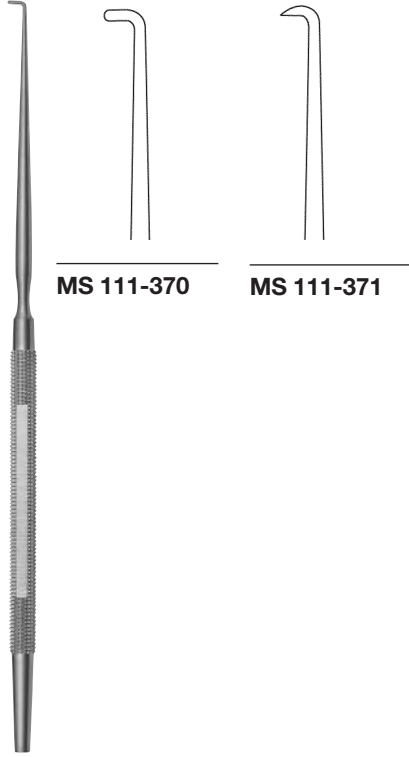
PENFIELD
MS 111-330 21,5 cm / 8¹/₂"

PENFIELD
MS 111-331 29,0 cm / 11¹/₂"


TOENNIS
MS 111-332 24,0 cm / 9 1/2"

TOENNIS
MS 111-333 24,0 cm / 9 1/2"

DAVIS
MS 111-334 19,0 cm / 7 1/2"

OLIVECRONA
MS 111-350 18,0 cm / 7"
MS 111-351 24,0 cm / 9 1/2"

OLIVECRONA
MS 111-355 19,5 cm / 7 3/4"
MS 111-356 24,0 cm / 9 1/2"



MS 111-370

MS 111-371

ADSON
20,0 cm / 8"

GRAHAM
MS 111-375 16,5 cm / 6³/₄"

SACHS
MS 111-376 18,5 cm / 7¹/₄"

FRAZIER
MS 111-380 13,0 cm / 5"
MS 111-381 18,0 cm / 7"

FRAZIER
MS 111-385 13,0 cm / 5"

CUSHING
MS 111-390 14,0 cm / 5¹/₂"



TOENNIS

MS 111-395 13,0 cm / 5 1/8"



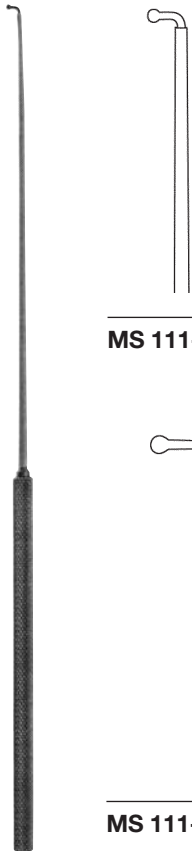
TOENNIS

MS 111-396 19,0 cm / 7 1/2"

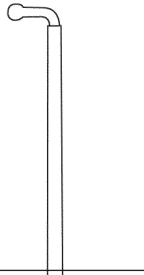


HALLE

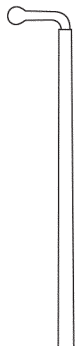
MS 111-397 20,0 cm / 8 1/4"



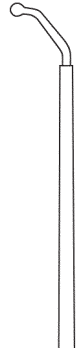
MS 111-410



MS 111-411



MS 111-412



MS 111-413

CASPAR

25,0 cm / 10"



MS 111-420



MS 111-421



MS 111-422



MS 111-423

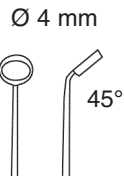
KRAYENBÜHL

18,5 cm / 7 1/4"

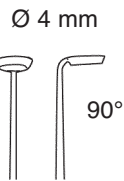


LANDOL -CUSHING

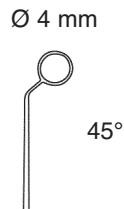
MS 111-430 ø 15 mm x 70 mm
MS 111-431 ø 15 mm x 90 mm"



MS 111-435



MS 111-436



MS 111-437



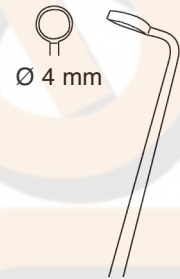
RAY

19,0 cm / 7 1/2"



HARDY

26,0 cm / 10 1/4"



MS 111-450



MS 111-451



24,5 cm / 9³/₄"

künt
blunt

HARDY
MS 111-460

künt
blunt

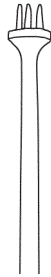
HARDY
MS 111-461

sivri
sharp

HARDY
MS 111-462

sivri
sharp

HARDY
MS 111-463



HARDY
MS 111-464

sivri
sharp

HARDY-FAHLBUSCH
MS 111-465

sivri
sharp

HARDY-FAHLBUSCH
MS 111-466



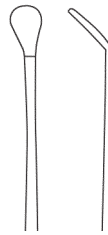
19,0 cm / 7¹/₂"



YASARGIL
MS 111-480



YASARGIL
MS 111-481



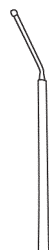
YASARGIL
MS 111-482



YASARGIL
MS 111-483



YASARGIL
MS 111-484



JACOBSON
MS 111-490



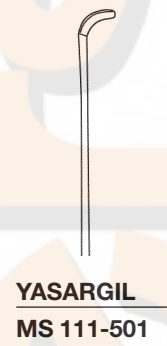
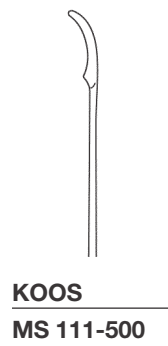
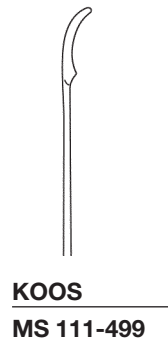
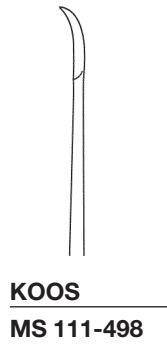
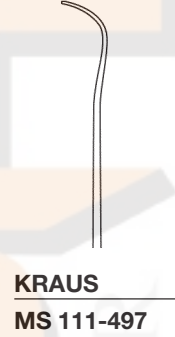
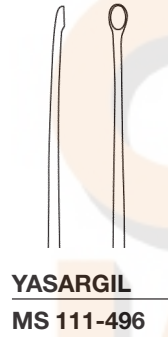
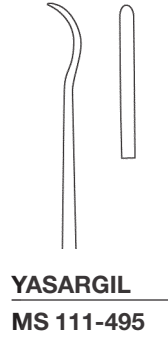
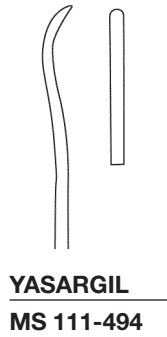
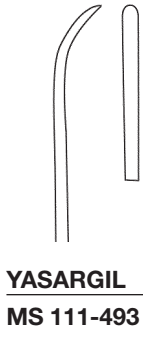
JACOBSON
MS 111-491



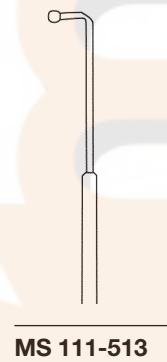
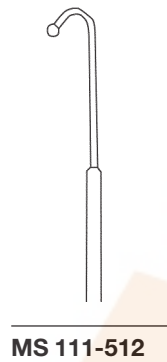
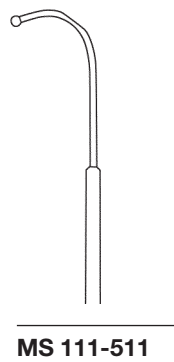
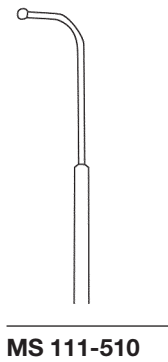
YASARGIL
MS 111-492



19,0 cm / 7 1/4"



YASARGIL
18,5 cm / 7 1/4"

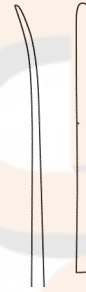




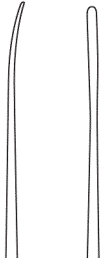
MS 111-520



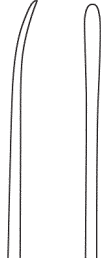
MS 111-521



MS 111-540



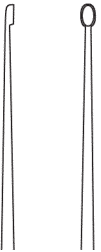
MS 111-522



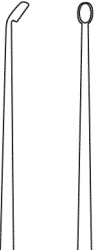
MS 111-523



MS 111-541



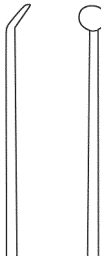
MS 111-524



MS 111-525



MS 111-526



MS 111-527



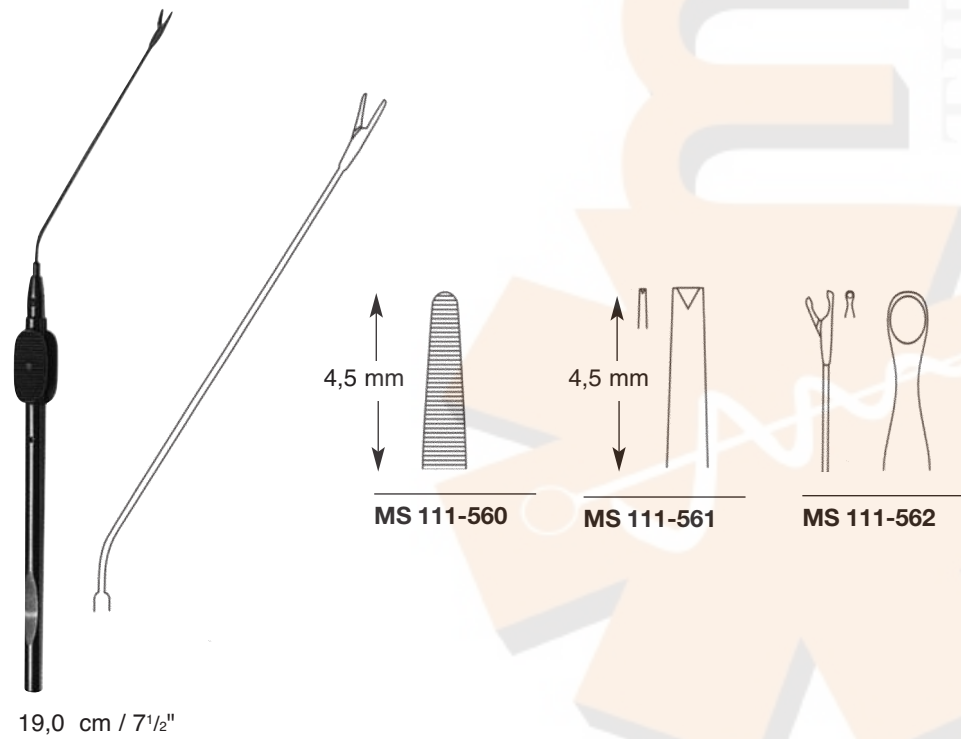
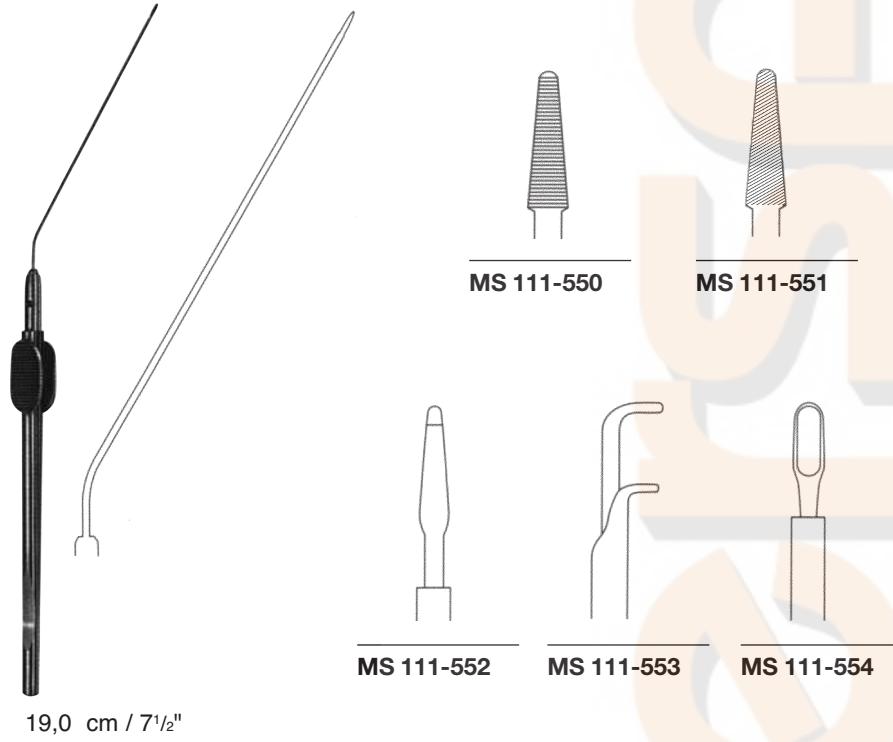
MS 111-542

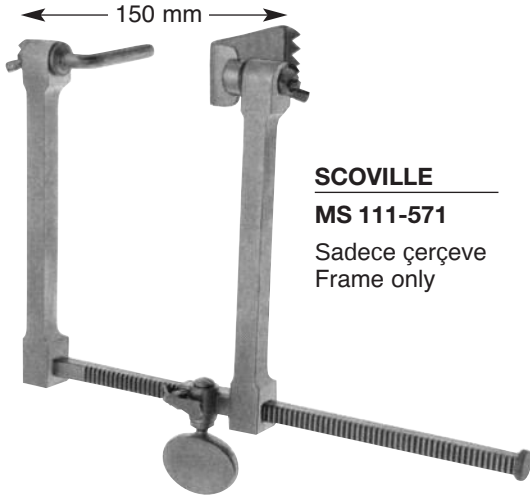


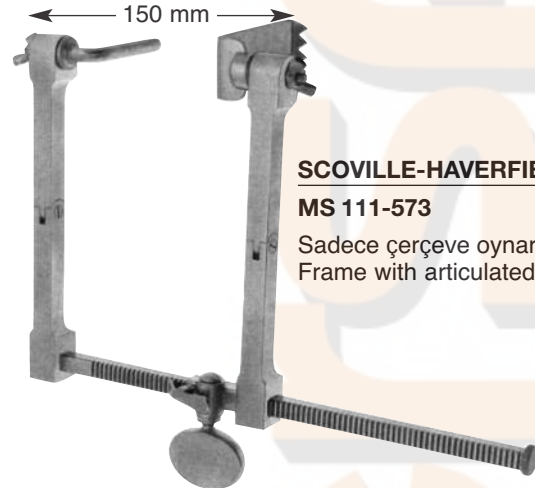
23,0 cm / 9"



23,0 cm / 9"




SCOVILLE
MS 111-571

Sadece çerçeve
Frame only

SCOVILLE-HAVERFIELD
MS 111-573

Sadece çerçeve oynar kollar
Frame with articulated arms, only

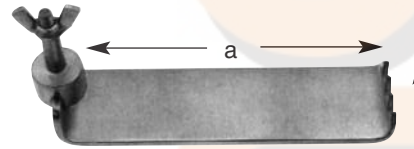
SCOVILLE
MS 111-570

Komple Set, complete

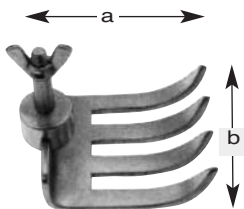
SCOVILLE-HAVERFIELD
MS 111-572

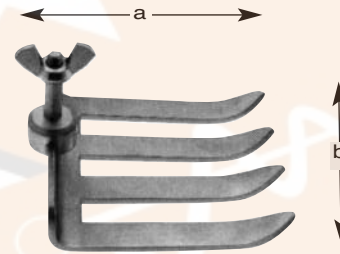
Komple Set, complete


SCOVILLE
MS 111-580 50,0 mm

MS 111-581 75,0 mm

SCOVILLE
MS 111-585 64 x 25 mm (a x b)

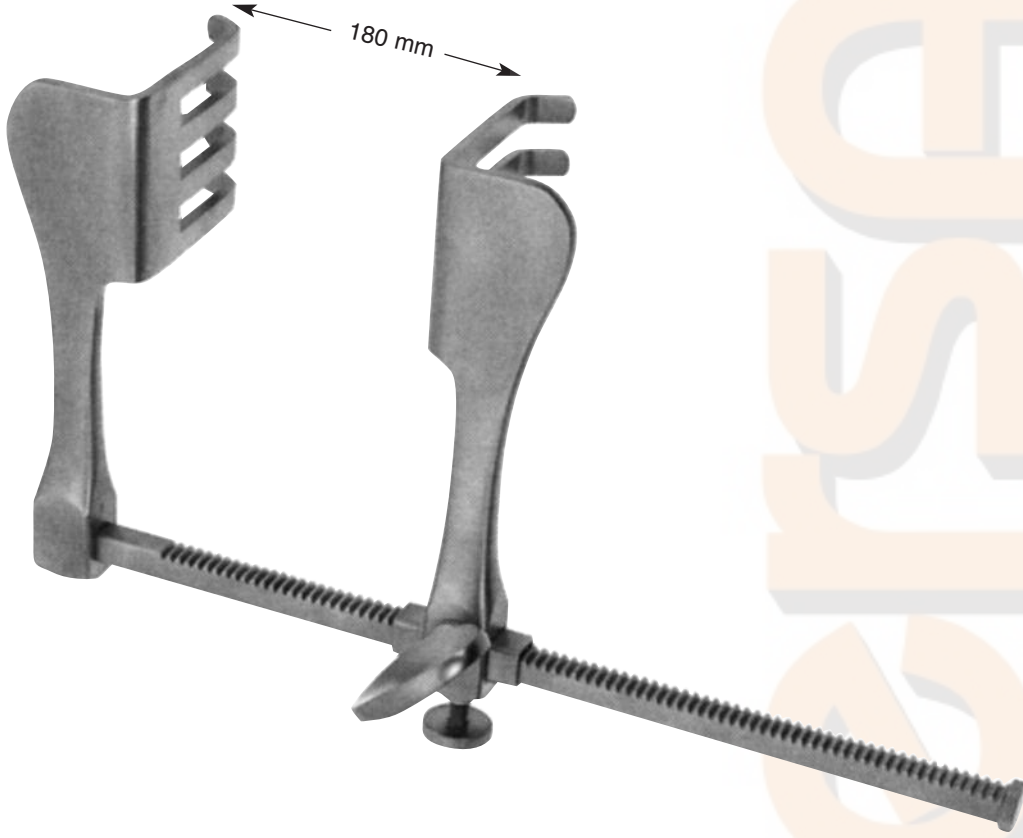
MS 111-586 64 x 50 mm (a x b)

MS 111-587 88 x 25 mm (a x b)

SCOVILLE
MS 111-595 41 x 38 mm (a x b)

MS 111-596 67 x 44 mm (a x b)

TAYLOR
MS 111-600 48 x 50 mm (a x b)

MS 111-601 64 x 64 mm (a x b)

MS 111-602 80 x 57 mm (a x b)

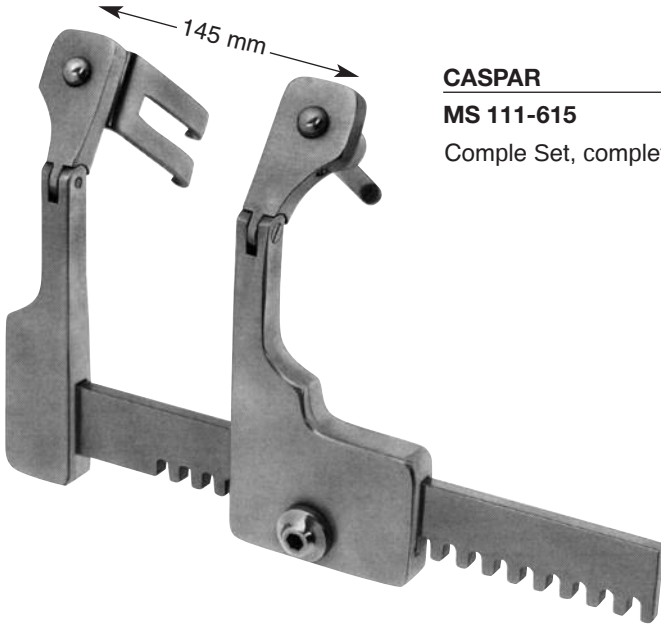


BADGLEY

MS 111-610

Bleydeler 52 x 44 mm (a x b)

Blades 52 x 44 mm (a x b)



CASPAR
MS 111-615
Comple Set, complete

MS 111-616

Sadece çerçeve
Frame, only



MS 111-618 38,0 mm
MS 111-619 58,0 mm

MS 111-620 32 mm x 22 mm (a x b)
MS 111-621 37 mm x 22 mm (a x b)
MS 111-622 43 mm x 22 mm (a x b)
MS 111-623 47 mm x 22 mm (a x b)
MS 111-624 52 mm x 22 mm (a x b)
MS 111-625 57 mm x 22 mm (a x b)
MS 111-630 62 mm x 22 mm (a x b)
MS 111-631 67 mm x 22 mm (a x b)

MS 111-640 32 mm x 37 mm (a x b)
MS 111-641 37 mm x 37 mm (a x b)
MS 111-642 43 mm x 37 mm (a x b)
MS 111-643 47 mm x 37 mm (a x b)
MS 111-644 52 mm x 37 mm (a x b)
MS 111-645 57 mm x 37 mm (a x b)
MS 111-646 62 mm x 37 mm (a x b)
MS 111-647 67 mm x 37 mm (a x b)



MS 111-660 32 mm x 52 mm (a x b)
MS 111-661 37 mm x 52 mm (a x b)
MS 111-662 43 mm x 52 mm (a x b)
MS 111-663 47 mm x 52 mm (a x b)
MS 111-664 52 mm x 52 mm (a x b)
MS 111-665 57 mm x 52 mm (a x b)
MS 111-666 62 mm x 52 mm (a x b)
MS 111-667 67 mm x 52 mm (a x b)

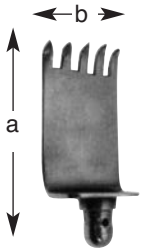


MS 111-670 11,5 cm / 4 1/2"

CASPAR
MS 111-680

Komple set, complete


MS 111-681

Sadece çerçeve
Frame, only

MS 111-682

40 x 23 mm (a x b)


MS 111-683

45 x 23 mm (a x b)


MS 111-684

50 x 23 mm (a x b)


MS 111-685

55 x 23 mm (a x b)


MS 111-686

60 x 23 mm (a x b)


MS 111-687

40 x 23 mm (a x b)


MS 111-688

45 x 23 mm (a x b)


MS 111-689

50 x 23 mm (a x b)


MS 111-690

55 x 23 mm (a x b)


MS 111-691

60 x 23 mm (a x b)

← 85 mm →


CASPAR
MS 111-701 10,5 cm / 4 1/4"

Komple Set, complete

MS 111-701

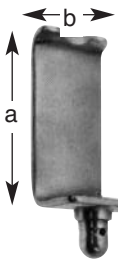
Sadece dağıtıcı
Spreader only

← 90 mm →


CASPAR
MS 111-710 16,5 cm / 6 1/2"

Komple set, complete

MS 111-711

Sadece dağıtıcı
Spreader only

MS 111-715

45 x 23 mm (a x b)


MS 111-716

50 x 23 mm (a x b)


MS 111-717

55 x 23 mm (a x b)


MS 111-718

60 x 23 mm (a x b)


MS 111-719

65 x 23 mm (a x b)


MS 111-720

50 x 25 mm (a x b)


MS 111-721

60 x 25 mm (a x b)

Yüzey siyah-kaplama
Surface black-finish



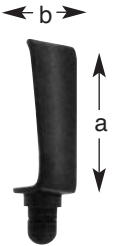
MS 111-731

Sadece çerçeve
Frame, only

CASPAR

MS 111-730

Komple set, complete



MS 111-735

35 x 12 mm (a x b)



MS 111-736

40 x 13 mm (a x b)



MS 111-737

45 x 13 mm (a x b)



MS 111-738

50 x 14 mm (a x b)



MS 111-739

55 x 14 mm (a x b)



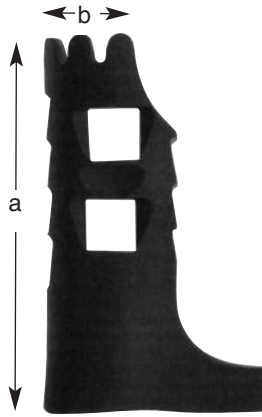
MS 111-740

60 x 15 mm (a x b)



CASPAR
15,0 cm / 6"

Yüzey siyah-kaplama
Surface black-finish



MS 111-750
40 x 18 mm (a x b)



MS 111-751
45 x 18 mm (a x b)



MS 111-752
50 x 18 mm (a x b)



MS 111-753
55 x 18 mm (a x b)



MS 111-754
60 x 18 mm (a x b)

Ağız açıklığı 18 mm
Blade opening 18 mm



CLOWARD

MS 111-760 13,0 cm / 5 1/8"

Ağız açıklığı 18 mm
Blade opening 18 mm



CLOWARD

MS 111-761 16,0 cm / 6 1/4"

Ağız açıklığı 18 mm
Blade opening 18 mm



INGE

MS 111-762 16,0 cm / 6 1/4"

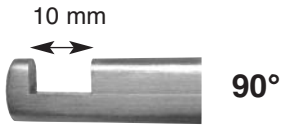


INGE

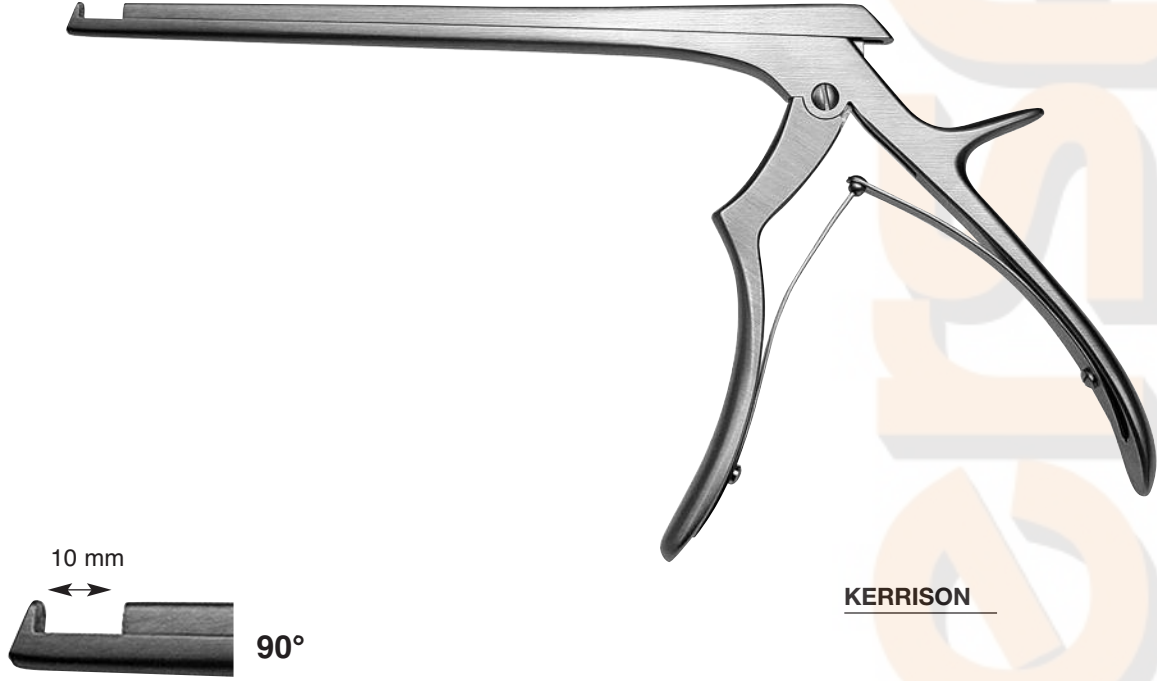
MS 111-763 27,0 cm / 10 1/2"



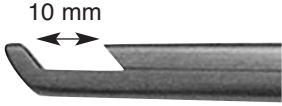
KERRISON



Şaft u ⁿ luğu Length of shaft	Ağız genişliği / Width of bite					
	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm
180 mm	MS 111-780	MS 111-781	MS 111-782	MS 111-783	MS 111-784	MS 111-785
200 mm	MS 111-790	MS 111-791	MS 111-792	MS 111-793	MS 111-794	MS 111-795
230 mm	–	MS 111-800	MS 111-801	MS 111-802	MS 111-803	–



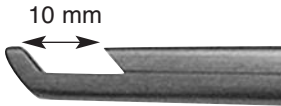
Şaft u ⁿ luğu Length of shaft	Ağız genişliği / Width of bite				
	2 mm	3 mm	4 mm	5 mm	6 mm
180 mm	MS 111-820	MS 111-821	MS 111-822	MS 111-823	MS 111-824
200 mm	MS 111-830	MS 111-831	MS 111-832	MS 111-833	MS 111-834
230 mm	MS 111-840	MS 111-841	MS 111-842	MS 111-843	—



130° (40°)

KERRISON

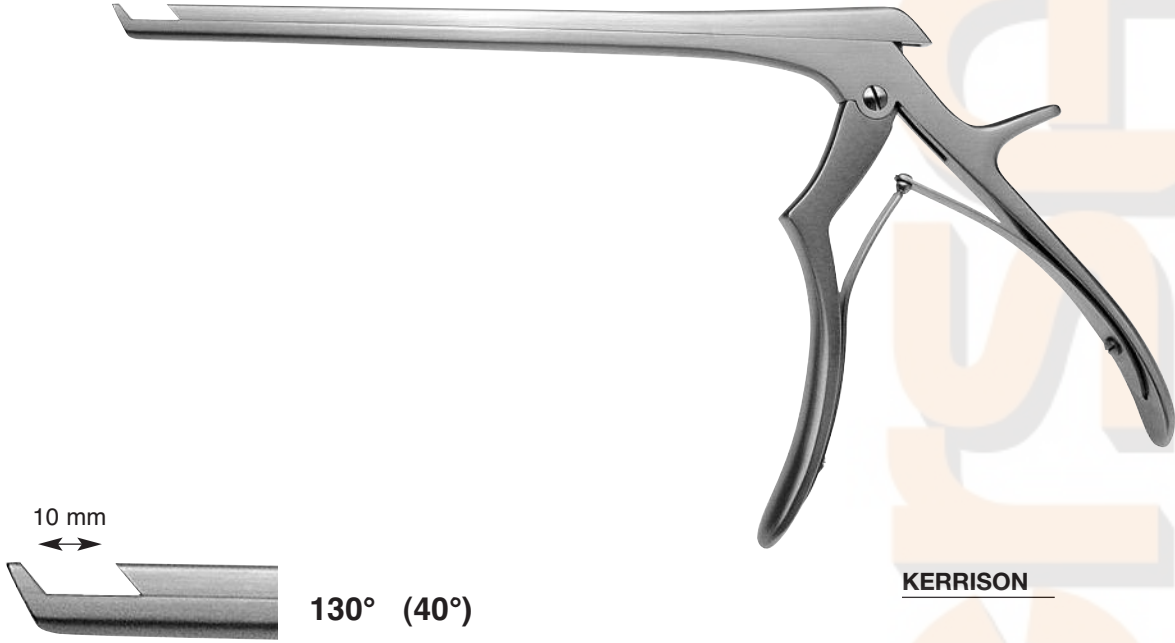
Şaft u ⁿ luğu Length of shaft	Ağız genişliği / Width of bite					
	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm
180 mm	MS 111-860	MS 111-861	MS 111-862	MS 111-863	MS 111-864	MS 111-865
200 mm	MS 111-870	MS 111-871	MS 111-872	MS 111-873	MS 111-875	MS 111-876
230 mm	-	MS 111-880	MS 111-881	MS 111-882	MS 111-883	-



130° (40°)

ejektör ile
with ejector

Şaft u ⁿ luğu Length of shaft	Ağız genişliği / Width of bite		
	3 mm	4 mm	5 mm
180 mm	MS 111-900	MS 111-901	MS 111-902
200 mm	MS 111-910	MS 111-911	MS 111-912



KERRISON

Şaft u<unluğu Length of shaft	Ağız genişliği / Width of bite				
	2 mm	3 mm	4 mm	5 mm	6 mm
180 mm	MS 111-930	MS 111-931	MS 111-932	MS 111-933	MS 111-934
200 mm	MS 111-940	MS 111-941	MS 111-942	MS 111-943	MS 111-944
230 mm	MS 111-950	MS 111-951	MS 111-952	MS 111-953	-



ejektör ile
with ejector

Şaft u<unluğu Length of shaft	Ağız genişliği / Width of bite		
	3 mm	4 mm	5 mm
180 mm	MS 111-970	MS 111-971	MS 111-972
200 mm	MS 111-980	MS 111-981	MS 111-982



KERRISON

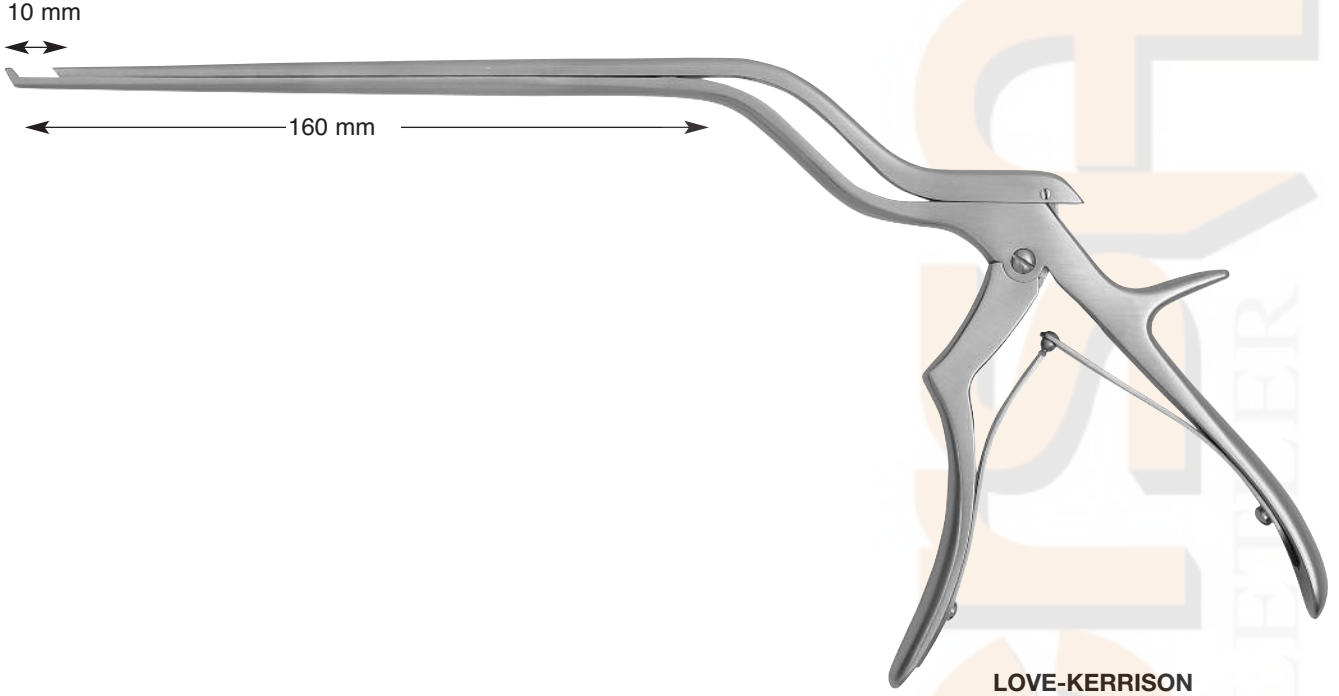


Şaft u ⁿ luğ <u>u</u> Length of shaft	Ağız genişliği / Width of bite			
	2 mm	3 mm	4 mm	5 mm
180 mm	MS 111-1000	MS 111-1001	MS 111-1002	MS 111-1003
200 mm	MS 111-1010	MS 111-1011	MS 111-1012	MS 111-1013



Mikro
Micro

Şaft u ⁿ luğ <u>u</u> Length of shaft	Ağız genişliği / Width of bite			
	2 mm	3 mm	4 mm	5 mm
180 mm	MS 111-1030	MS 111-1031	MS 111-1032	MS 111-1033
200 mm	MS 111-1040	MS 111-1041	MS 111-1042	MS 111-1043



LOVE-KERRISON



Şaft u ⁿ luğu Length of shaft	Ağız genişliği / Width of bite			
	2 mm	3 mm	4 mm	5 mm
160 mm	MS 111-1060	MS 111-1061	MS 111-1062	MS 111-1063



Mikro
Micro

Şaft u ⁿ luğu Length of shaft	Ağız genişliği / Width of bite			
	2 mm	3 mm	4 mm	5 mm
160 mm	MS 111-1080	MS 111-1081	MS 111-1082	MS 111-1083



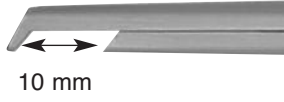
KERRISON



Şaft u ⁿ luğ <u>u</u> Length of shaft	Ağız genişliği / Width of bite				
	2 mm	3 mm	4 mm	5 mm	6 mm
180 mm	MS 111-1100	MS 111-1101	MS 111-1102	MS 111-1103	MS 111-1104
200 mm	MS 111-1110	MS 111-1111	MS 111-1112	MS 111-1113	MS 111-1114



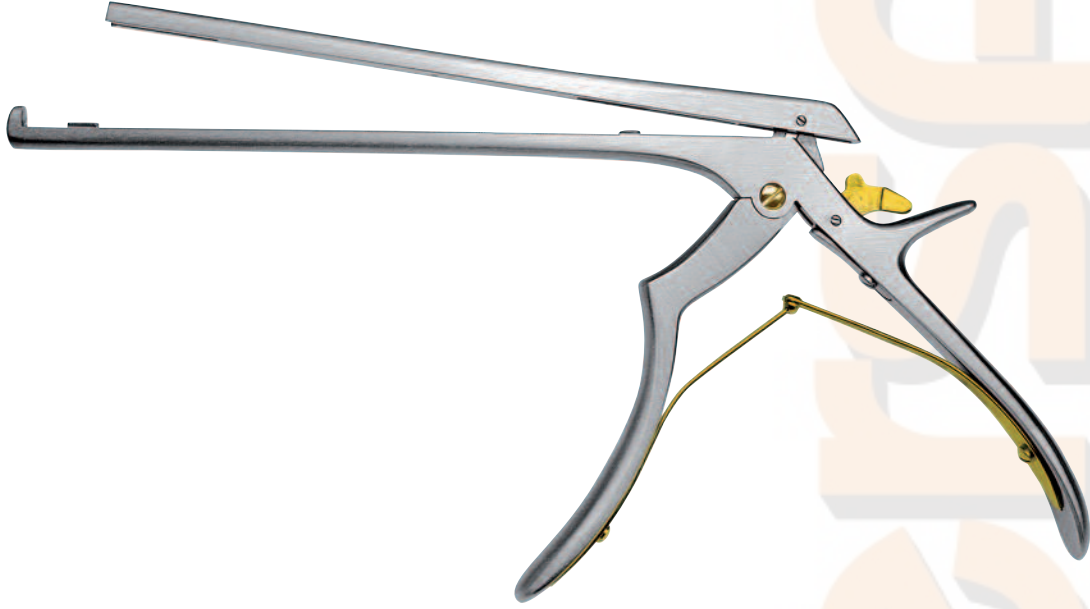
KERRISON



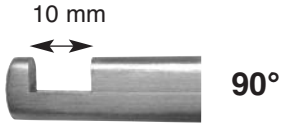
10 mm

130° (40°)

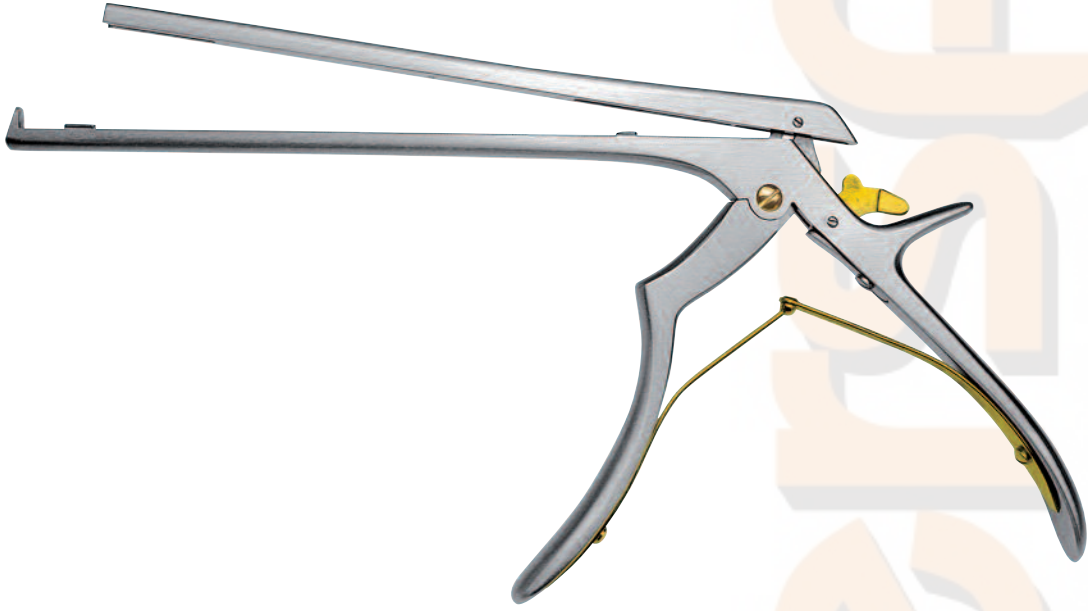
Şaft u ⁿ luđu Length of shaft	Ağız genişliđi / Width of bite			
	2 mm	3 mm	4 mm	5 mm
180 mm	MS 111-1130	MS 111-1131	MS 111-1132	MS 111-1133



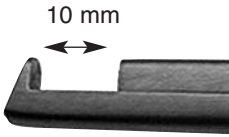
KERRISON



Şaft u<unluğu Length of shaft	Ağız genişliği / Width of bite					
	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm
180 mm	MS 111-1150	MS 111-1151	MS 111-1152	MS 111-1153	MS 111-1154	MS 111-1155
200 mm	MS 111-1160	MS 111-1161	MS 111-1162	MS 111-1163	MS 111-1164	MS 111-1165
230 mm	MS 111-1170	MS 111-1171	MS 111-1172	MS 111-1173	MS 111-1174	MS 111-1175



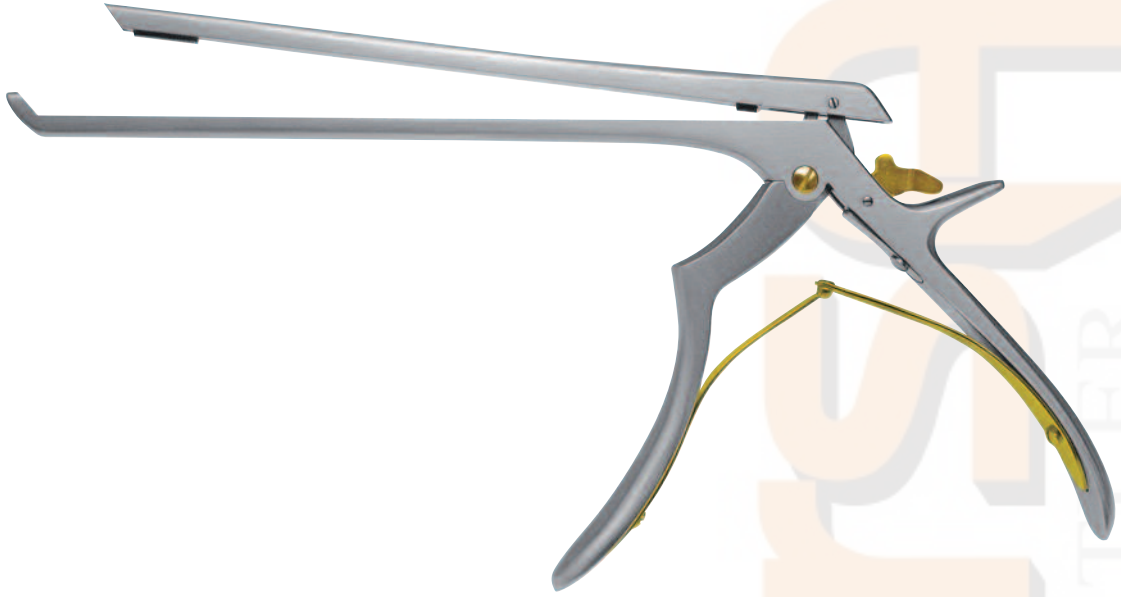
KERRISON



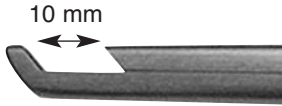
90°

Mikro
Micro

Şaft u ⁿ luğ Length of shaft	Ağız genişliği / Width of bite				
	2 mm	3 mm	4 mm	5 mm	6 mm
180 mm	MS 111-1190	MS 111-1191	MS 111-1192	MS 111-1193	MS 111-1194
200 mm	MS 111-1200	MS 111-1201	MS 111-1202	MS 111-1203	MS 111-1204
230 mm	MS 111-1210	MS 111-1211	MS 111-1212	MS 111-1213	MS 111-1214

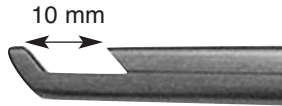


KERRISON



130° (40°)

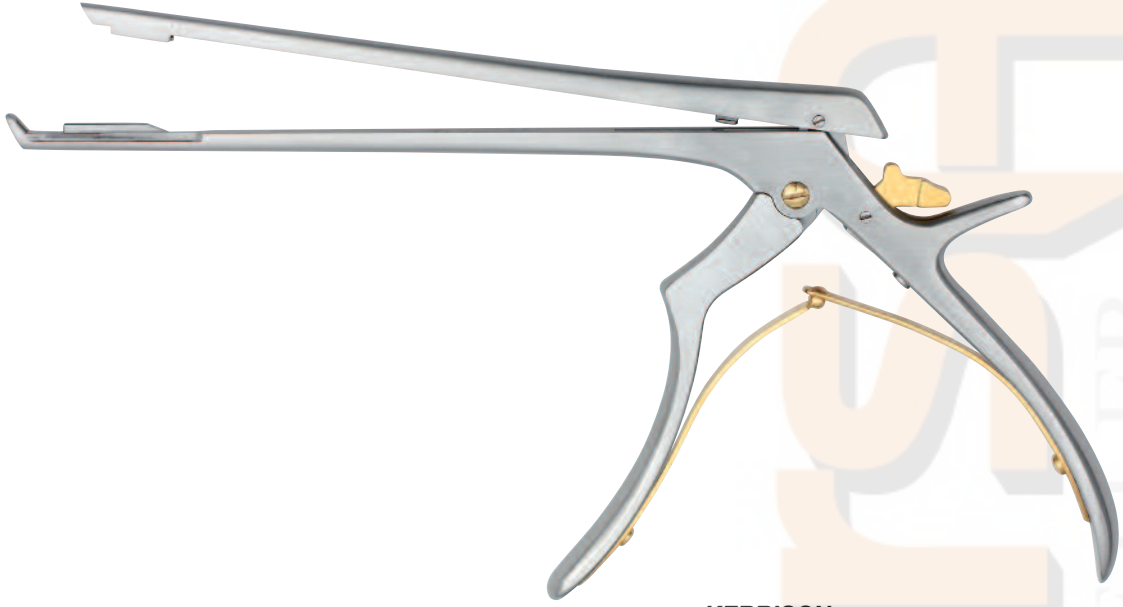
Şaft u ⁿ luğu Length of shaft	Ağız genişliği / Width of bite					
	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm
180 mm	MS 111-1230	MS 111-1231	MS 111-1232	MS 111-1233	MS 111-1234	MS 111-1235
200 mm	MS 111-1240	MS 111-1241	MS 111-1242	MS 111-1243	MS 111-1244	MS 111-1245
230 mm	MS 111-1250	MS 111-1251	MS 111-1252	MS 111-1253	MS 111-1254	MS 111-1255



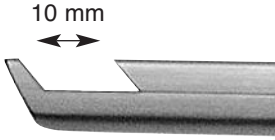
130° (40°)

ejektör ile
with ejector

Şaft u ⁿ luğu Length of shaft	Ağız genişliği / Width of bite			
	3 mm	4 mm	5 mm	6 mm
180 mm	MS 111-1270	MS 111-1271	MS 111-1272	MS 111-1273
200 mm	MS 111-1280	MS 111-1281	MS 111-1282	MS 111-1283
230 mm	MS 111-1290	MS 111-1291	MS 111-1292	MS 111-1293



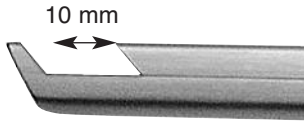
KERRISON



130° (40°)

Mikro
Micro

Şaft u ⁿ luğu Length of shaft	Ağız genişliği / Width of bite					
	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm
180 mm	MS 111-1310	MS 111-1311	MS 111-1312	MS 111-1313	MS 111-1314	MS 111-1315
200 mm	MS 111-1320	MS 111-1321	MS 111-1322	MS 111-1323	MS 111-1324	MS 111-1325
230 mm	MS 111-1330	MS 111-1331	MS 111-1332	MS 111-1333	MS 111-1334	MS 111-1335

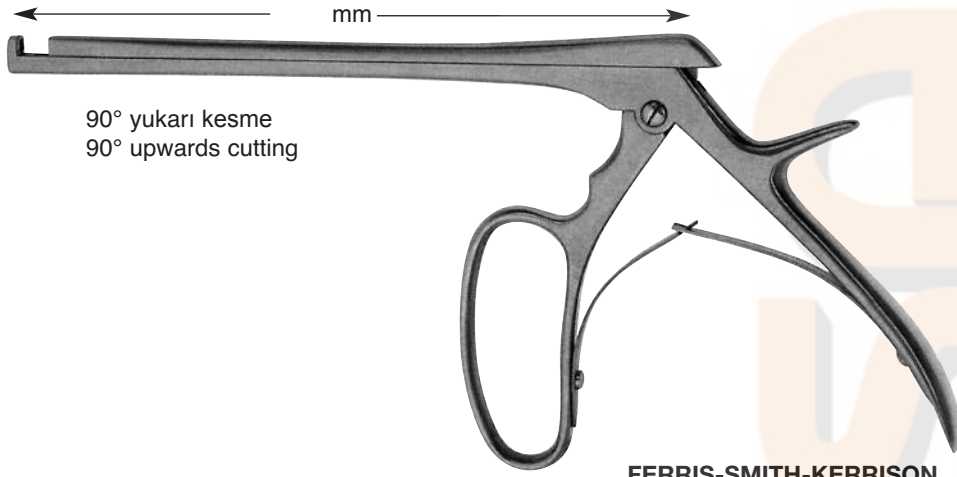


130° (40°)

Mikro
Micro

ejektör ile
with ejector

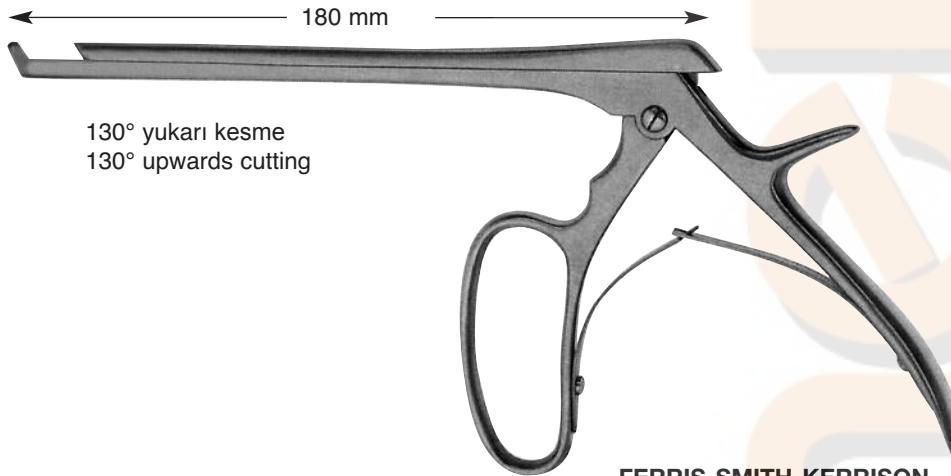
Şaft u ⁿ luğu Length of shaft	Ağız genişliği / Width of bite			
	3 mm	4 mm	5 mm	6 mm
180 mm	MS 111-1350	MS 111-1351	MS 111-1352	MS 111-1353
200 mm	MS 111-1360	MS 111-1361	MS 111-1362	MS 111-1363
230 mm	MS 111-1370	MS 111-1371	MS 111-1372	MS 111-1373



FERRIS-SMITH-KERRISON

MS 111-1390 3,0 mm

MS 111-1391 5,0 mm

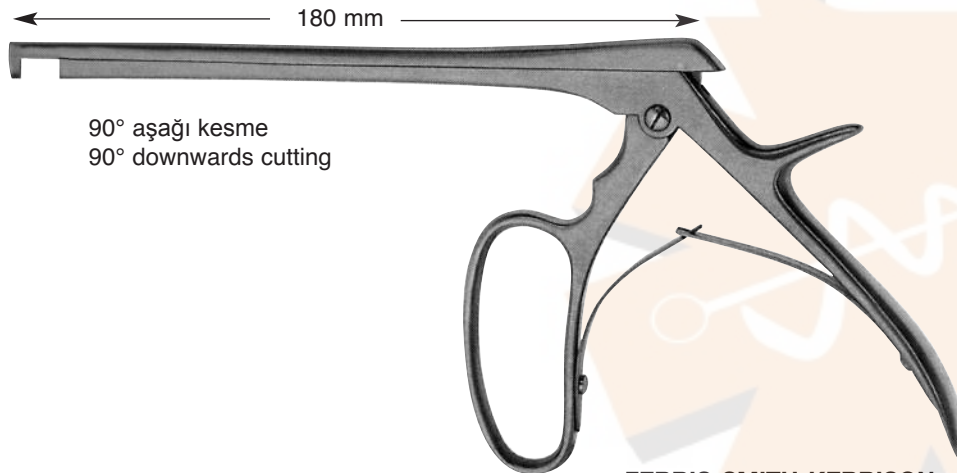


FERRIS-SMITH-KERRISON

a = 180 mm a = 200 mm

MS 111-1395 **MS 111-1400** 3,0 mm

MS 111-1396 **MS 111-1401** 5,0 mm

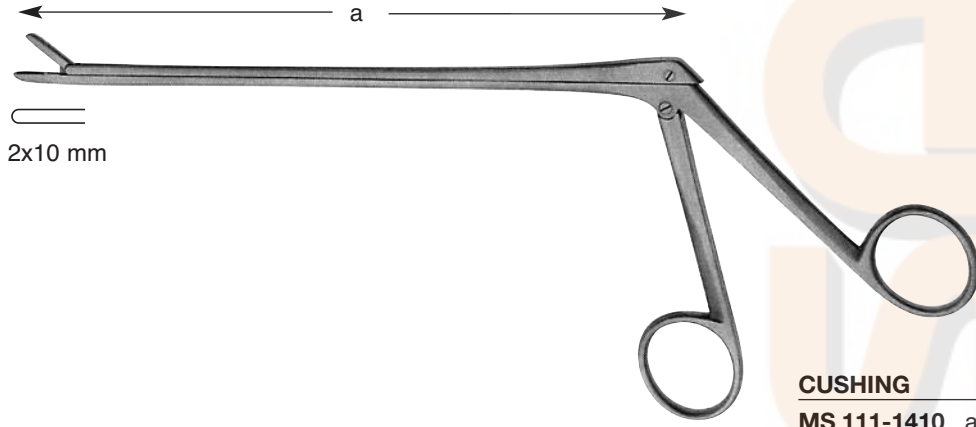


FERRIS-SMITH-KERRISON

MS 111-1405 3,0 mm

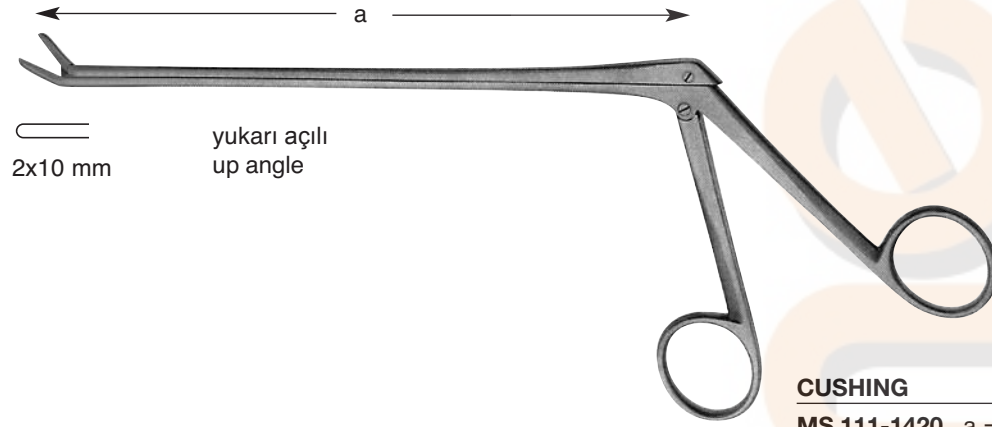
MS 111-1406 5,0 mm





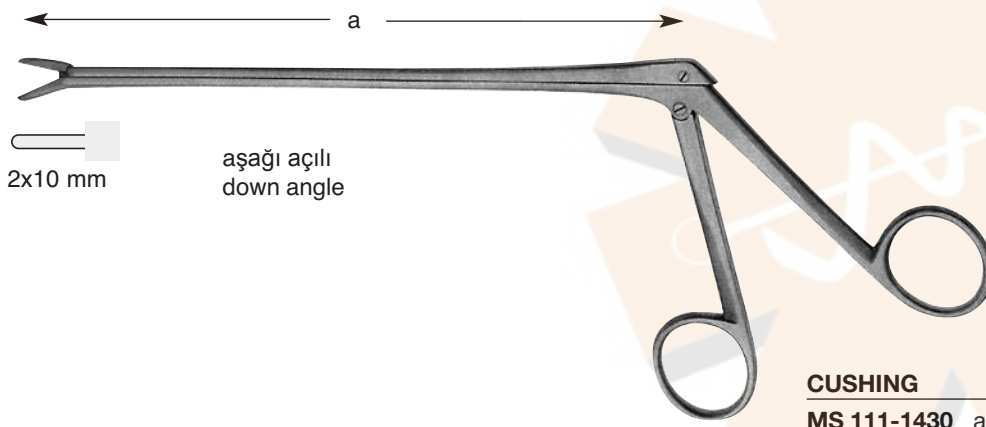
CUSHING

MS 111-1410	a = 130 mm
MS 111-1411	a = 150 mm
MS 111-1412	a = 180 mm



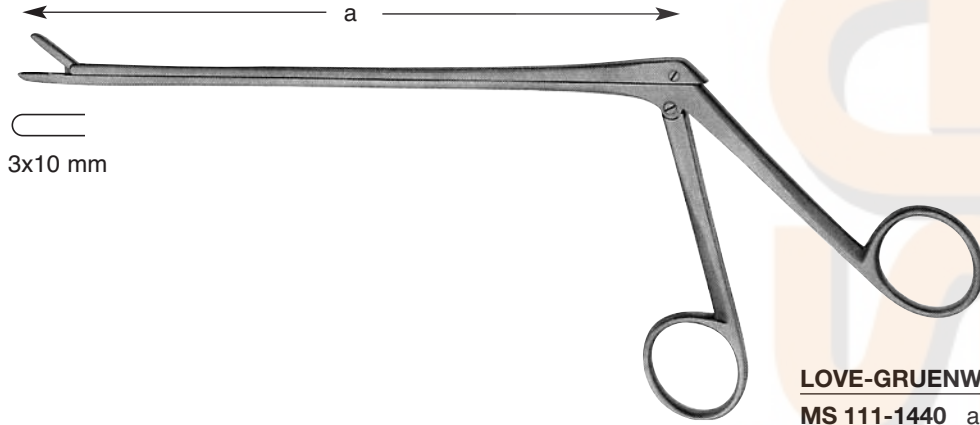
CUSHING

MS 111-1420	a = 130 mm
MS 111-1421	a = 150 mm
MS 111-1422	a = 180 mm



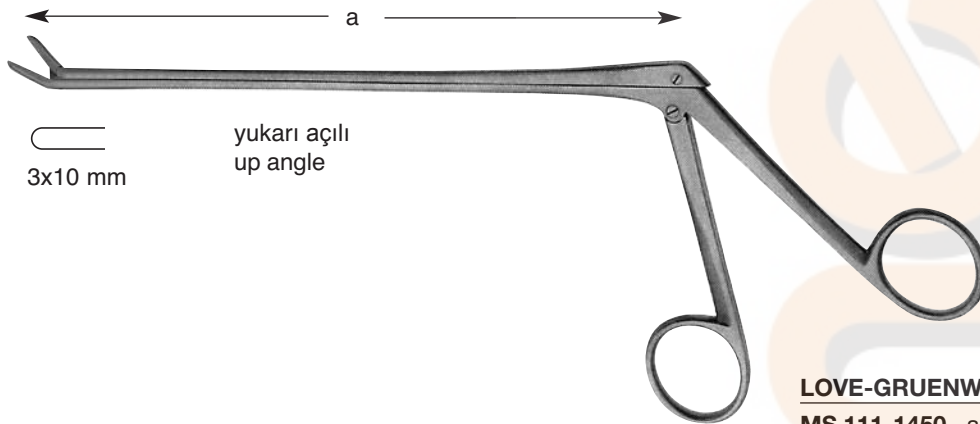
CUSHING

MS 111-1430	a = 130 mm
MS 111-1431	a = 150 mm
MS 111-1432	a = 180 mm



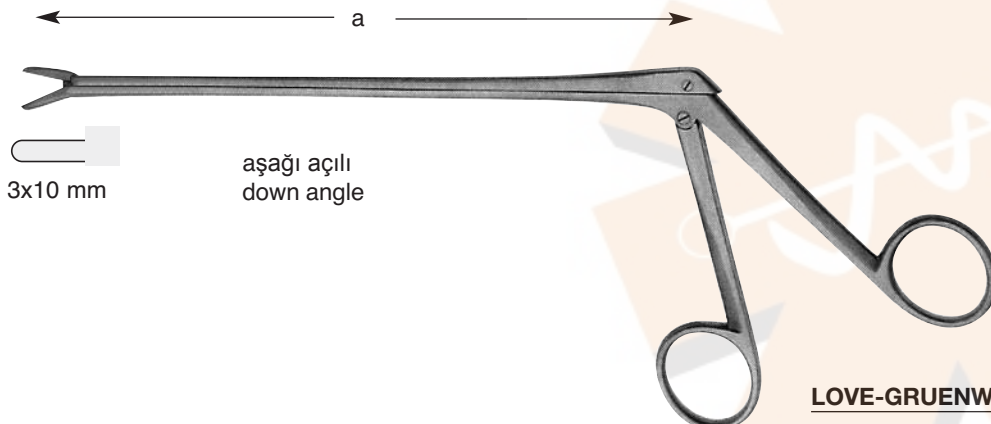
LOVE-GRUENWALD

MS 111-1440 a = 130 mm
MS 111-1441 a = 150 mm
MS 111-1442 a = 180 mm



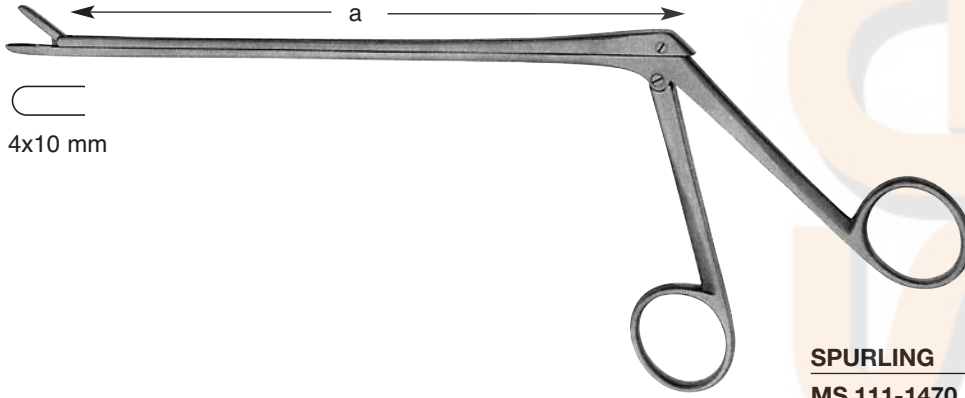
LOVE-GRUENWALD

MS 111-1450 a = 130 mm
MS 111-1451 a = 150 mm
MS 111-1452 a = 180 mm



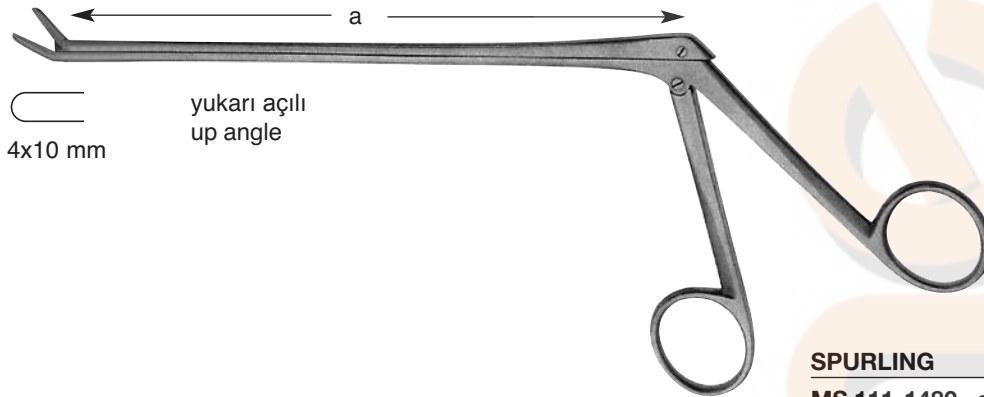
LOVE-GRUENWALD

MS 111-1460 a = 130 mm
MS 111-1461 a = 150 mm
MS 111-1462 a = 180 mm



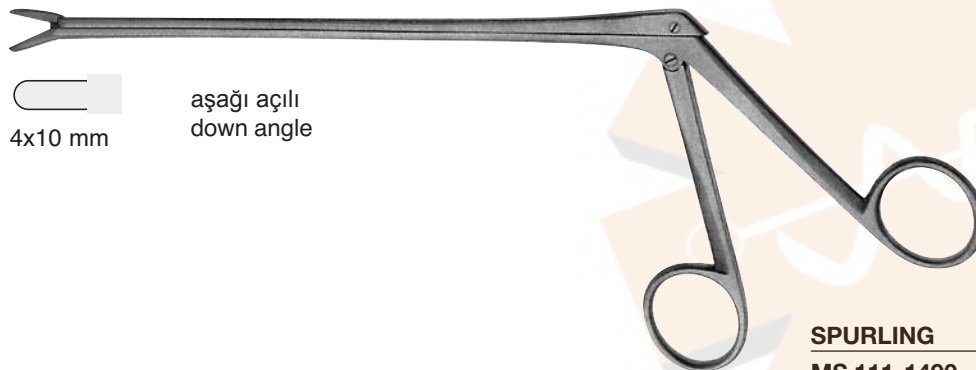
SPURLING

MS 111-1470	a = 130 mm
MS 111-1471	a = 150 mm
MS 111-1472	a = 180 mm



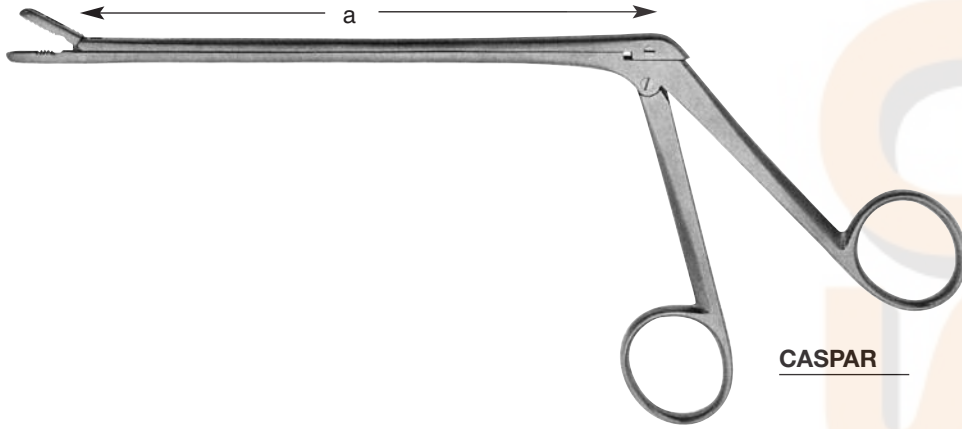
SPURLING

MS 111-1480	a = 130 mm
MS 111-1481	a = 150 mm
MS 111-1482	a = 180 mm

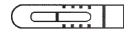
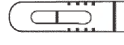
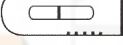


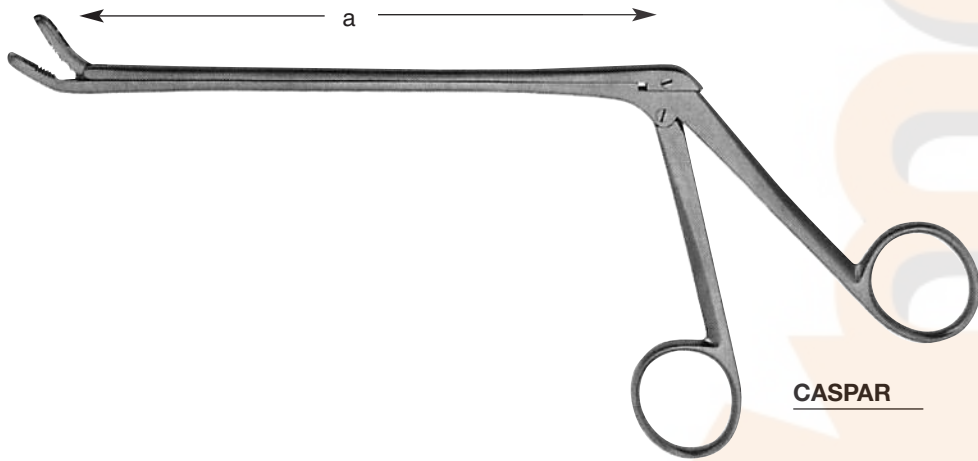
SPURLING

MS 111-1490	a = 130 mm
MS 111-1491	a = 150 mm
MS 111-1492	a = 180 mm

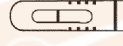
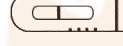


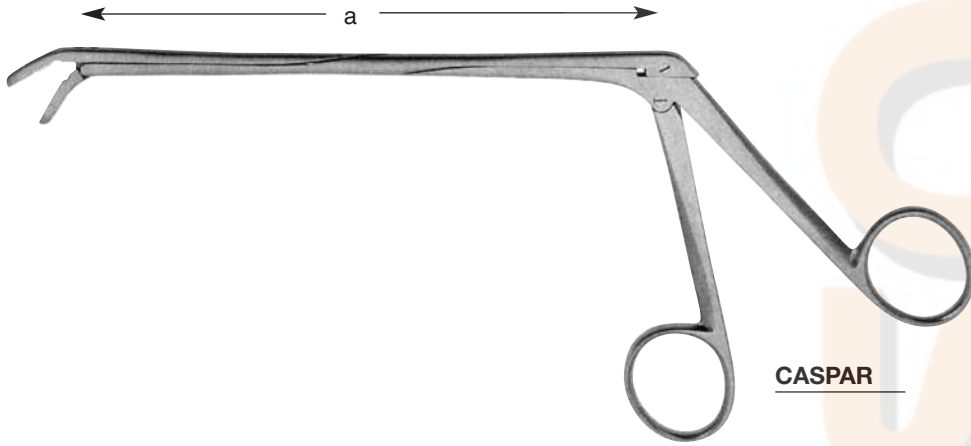
CASPAR

Şaft u ⁿ luğ u Length of shaft	Ağız genişli ğ i / Width of bite				
					
	2,0 x 12,0 mm	3,0 x 12,0 mm	4,0 x 14,0 mm	5,0 x 14,0 mm	6,0 x 16,0 mm
a = 140 mm	MS 111-1500	MS 111-1510	MS 111-1520	MS 111-1530	MS 111-1540
a = 160 mm	MS 111-1501	MS 111-1511	MS 111-1521	MS 111-1531	MS 111-1541
a = 185 mm	MS 111-1502	MS 111-1512	MS 111-1522	MS 111-1532	MS 111-1542



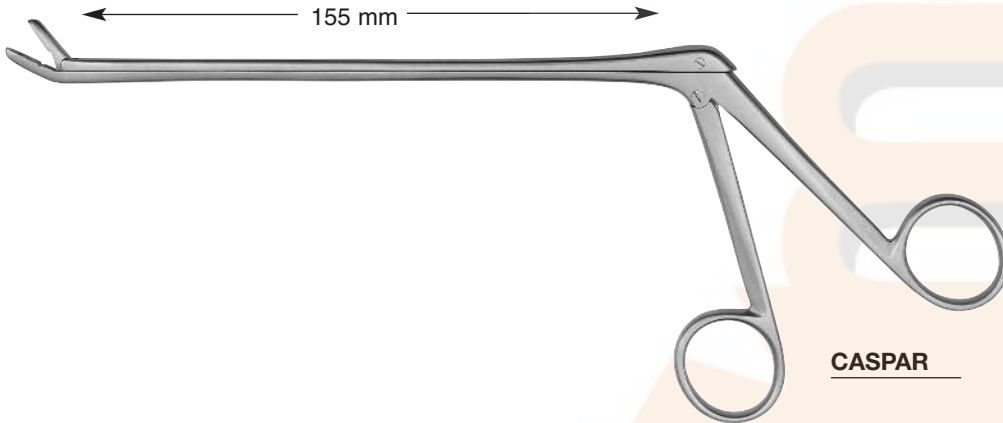
CASPAR

Şaft u ⁿ luğ u Length of shaft	Ağız genişli ğ i / Width of bite		
			
	3,0 x 12,0 mm	4,0 x 14,0 mm	5,0 x 14,0 mm
a = 140 mm	MS 111-1550	MS 111-1560	MS 111-1570
a = 160 mm	MS 111-1551	MS 111-1561	MS 111-1571
a = 185 mm	MS 111-1552	MS 111-1562	MS 111-1572



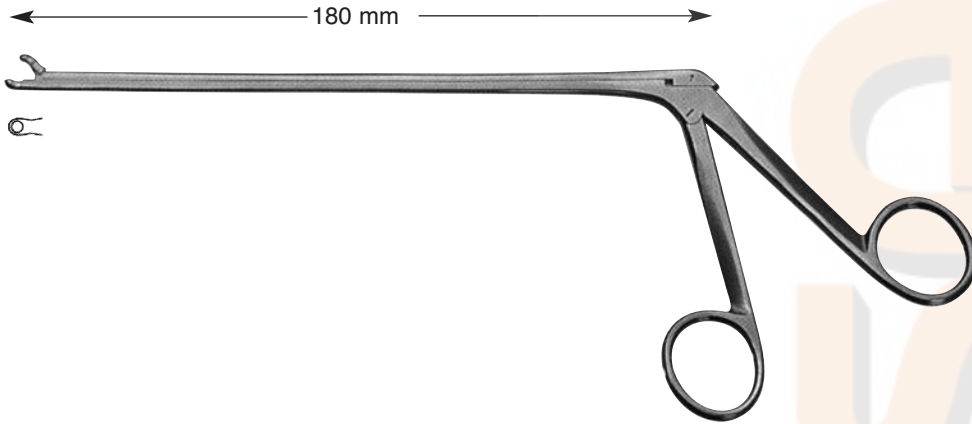
CASPAR

Şaft u ⁿ luğu Length of shaft	Ağız genişliği / Width of bite	
		
	3,0 x 12,0 mm	4,0 x 14,0 mm
a = 140 mm	MS 111-1580	MS 111-1590
a = 160 mm	MS 111-1581	MS 111-1591
a = 185 mm	MS 111-1582	MS 111-1592



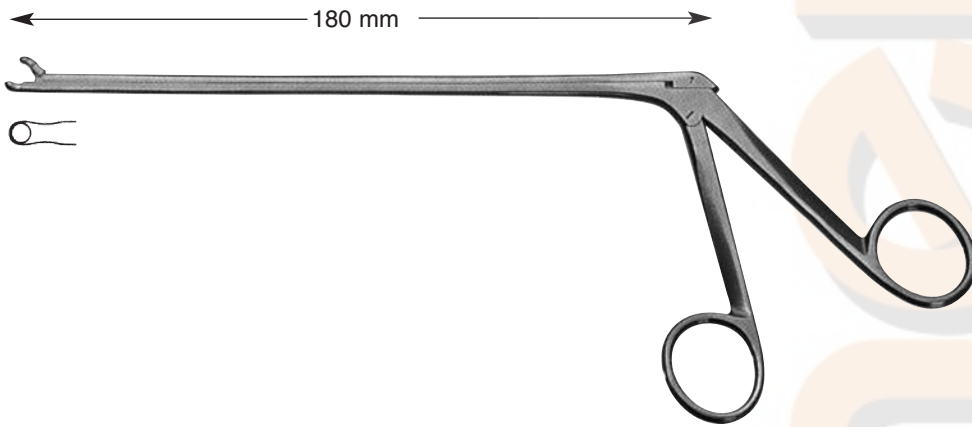
CASPAR

	Ağız genişliği / Width of bite			
				
	2,0 x 12,0 mm	3,0 x 13,0 mm	4,0 x 14,0 mm	5,0 x 14,0 mm
	MS 111-1600	MS 111-1601	MS 111-1602	MS 111-1603
	MS 111-1610	MS 111-1611	MS 111-1612	MS 111-1613
	MS 111-1620	MS 111-1621	MS 111-1622	MS 111-1623



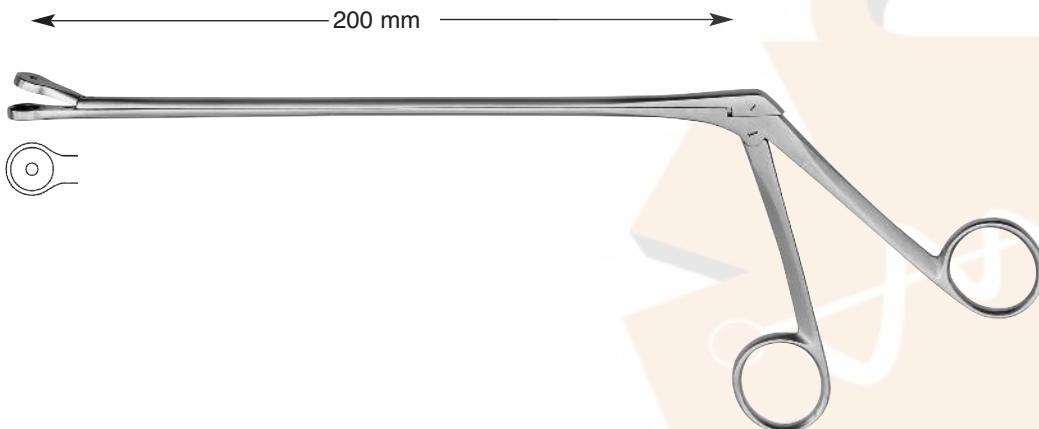
YASARGIL

MS 111-1630 Ø 2,0 mm



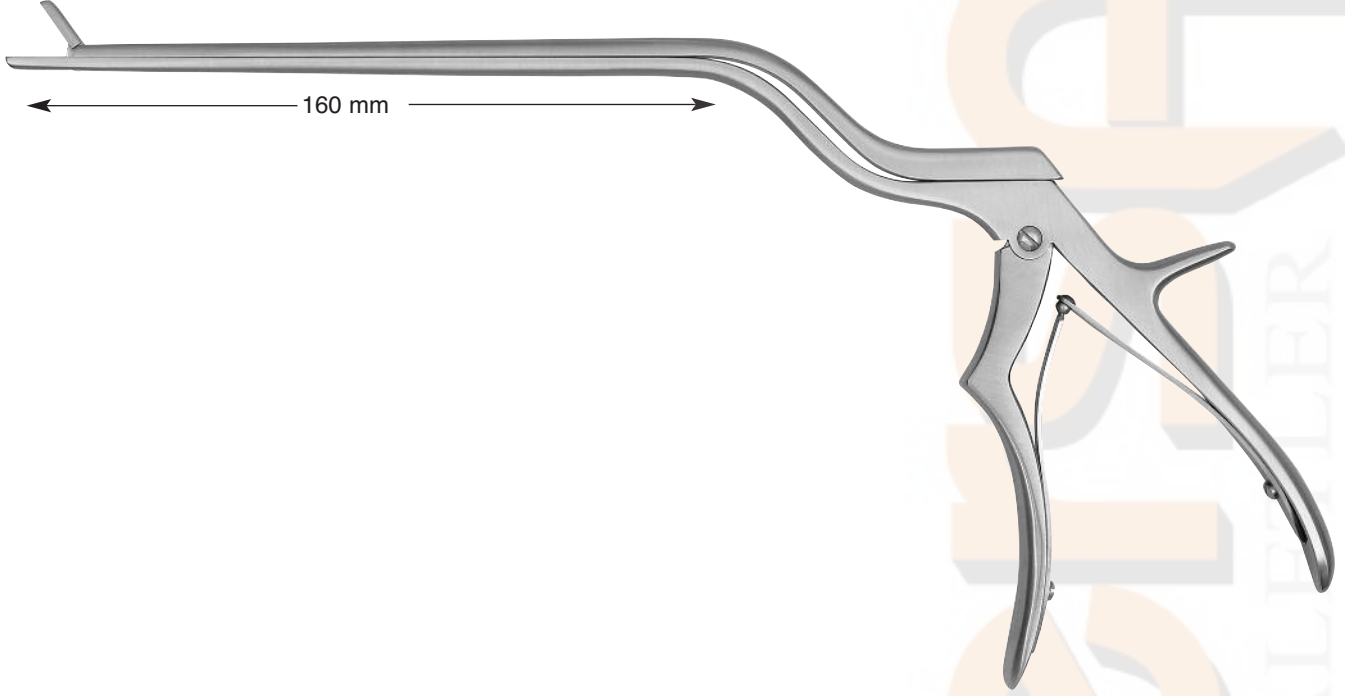
OLDBERG

MS 111-1631 Ø 3,5 mm

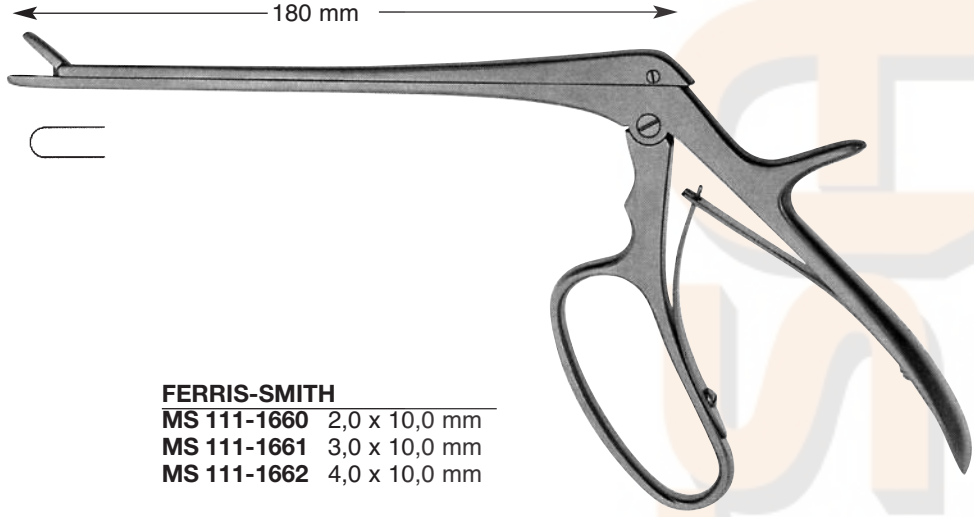


LANDOL

MS 111-1632 Ø 9,0 mm

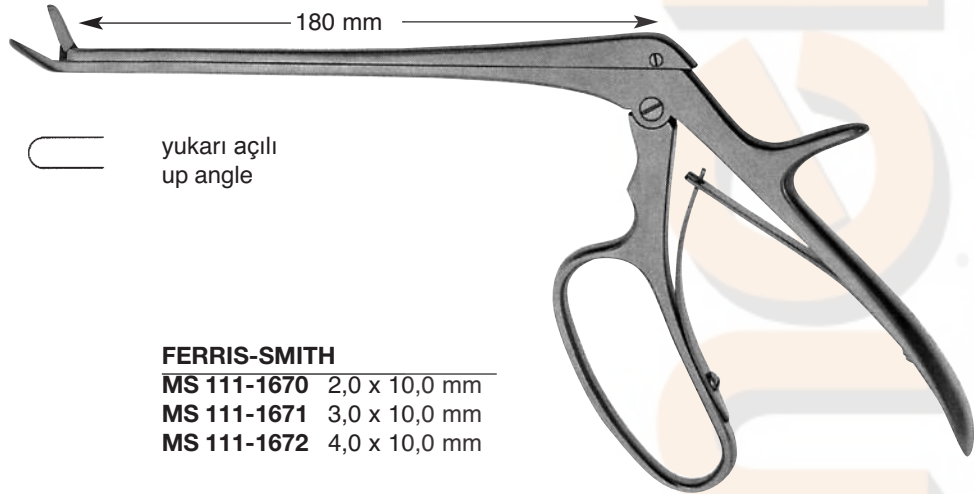


	Ağız genişliği / Width of bite		
			
	2,0 x 8,0 mm	3,0 x 9,0mm	4,0 x 10,0 mm
	MS 111-1640	MS 111-1641	MS 111-1642
	MS 111-1650	MS 111-1651	MS 111-1652



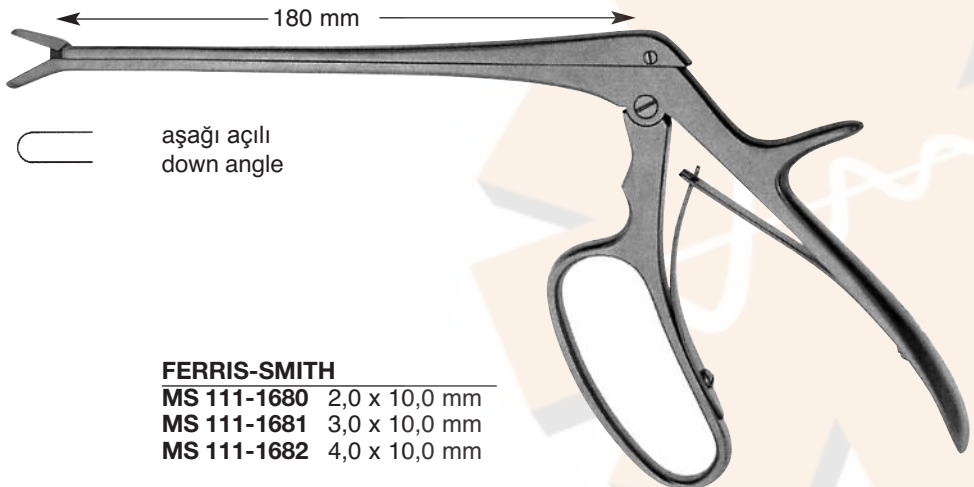
FERRIS-SMITH

MS 111-1660	2,0 x 10,0 mm
MS 111-1661	3,0 x 10,0 mm
MS 111-1662	4,0 x 10,0 mm



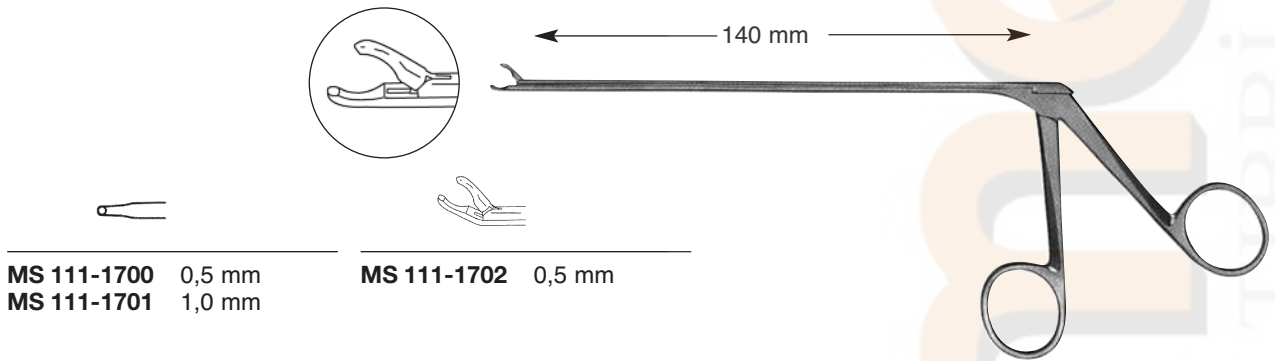
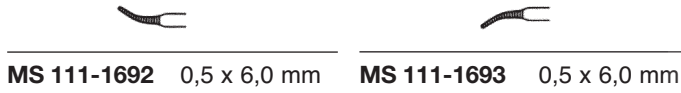
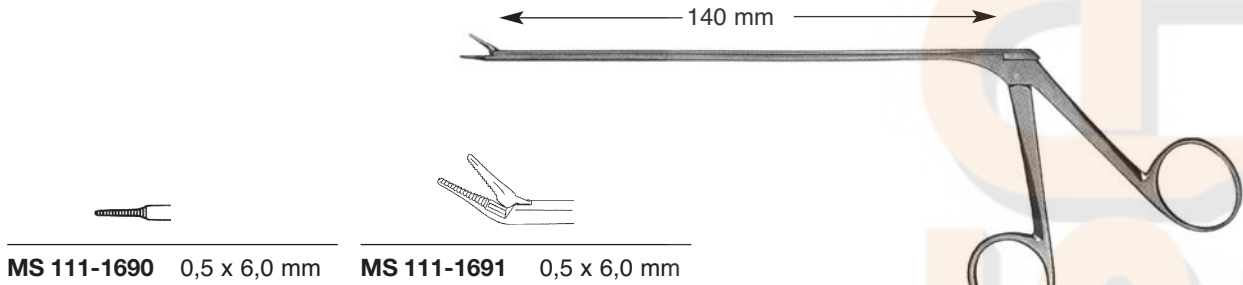
FERRIS-SMITH

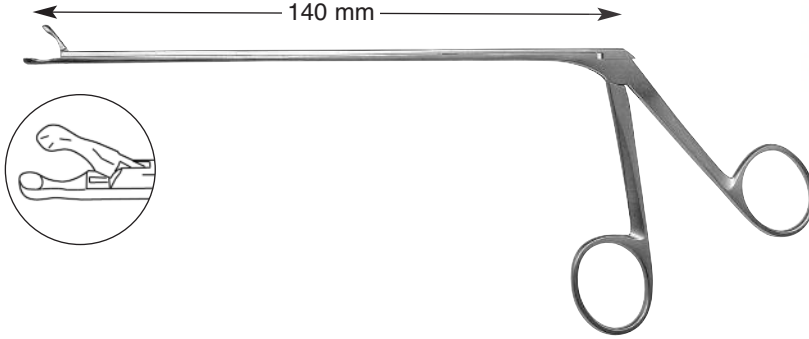
MS 111-1670	2,0 x 10,0 mm
MS 111-1671	3,0 x 10,0 mm
MS 111-1672	4,0 x 10,0 mm



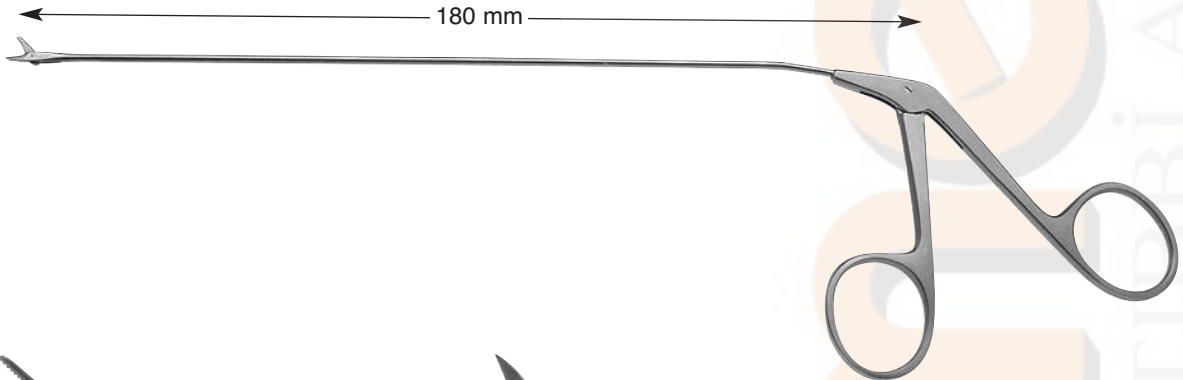
FERRIS-SMITH

MS 111-1680	2,0 x 10,0 mm
MS 111-1681	3,0 x 10,0 mm
MS 111-1682	4,0 x 10,0 mm





MS 111-1710 Ø 2,0 mm 
MS 111-1711 Ø 3,0 mm 



YASARGIL
MS 111-1720 Ø 2,0 mm



NICOLA
MS 111-1721 Ø 2,0 mm



NICOLA
MS 111-1722 Ø 2,0 mm